

# Focus

## Preservation Portfolio



AIA Chicago

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Cover Project: Humboldt Park Boathouse  
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# Focus

May 2003

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## AIA Chicago



A Chapter of The American Institute of Architects

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**■ Young Architects Getting Together**

Thurs., May 1, 5:30 p.m.  
 Monk's Pub, 203 W. Lake St.  
 Sponsor: Young Architects PIA

Learn about upcoming events and get involved with community service projects. Questions: hollyjcoultter@yahoo.com.

**■ Lucien Lagrange and Associates**

Tues., May 13 5:30 p.m.  
 605 N. Michigan  
 Sponsor: Housing and Design PIAs

Lucien Lagrange, AIA will present some of his firm's current high-rise residential designs. Come at 5:30 to socialize; program begins at 6:00. 1.5 LU/HSW

**■ A Blueprint for Regional Action**

Wed., May 14, 12:00 noon  
 AIA Chicago  
 Sponsor: Planning & Urban Affairs PIA

Ronald Thomas, AIA, executive director of Northeastern Illinois Planning Commission, will discuss the Common Ground Project and results from recent regional planning efforts. Bring your lunch. 1 LU/HSW

**■ Tour: Focal Point Lighting**

Wed., May 14, 12:00-1:30 p.m.  
 4201 S. Pulaski Road  
 Sponsor: Corporate Architects PIA

Tour the plant of this manufacturer of commercial fluorescent fixtures. Peter Hugh, Hugh Lighting Design, will speak on new technologies and their impact on design. Bring your lunch. Park on 42nd Street; enter Pulaski entrance. 1.5 LU/HSW

**■ Masonry Restoration Workshop**

Thurs., May 22, 12:15-4:15 p.m.  
 Meet bus at Merchandise Mart (south door)  
 Sponsors: Historic Resources and Technical Issues PIAs

At this workshop at the Tuckpointers Training Center, 1111 S. Western Ave., see terra cotta repair, Jahn patching, tuck-pointing, flashing and lintel replacement, concrete patching, and stone repair. Lunch provided by IMI. Wear jeans and work boots. Take the bus or use your own transportation and arrive by 12:30 p.m. Limit 40 AIA Chicago members (nonmembers accommodated if space permits). 3 LU/HSW

**■ Outdoor Environments and Healing Gardens**

Sat., May 24, 10:00 a.m.-1:00 p.m.  
 Chicago Botanic Garden  
 1000 Lake Cook Road, Glencoe  
 Sponsor: Health PIA

Landscape architect Douglas Hill and Gene Rothbert, manager of Horticulture Therapy Services, will discuss planning healing gardens and review recent findings about the connection between nature, stress reduction, healing outcomes, and design principles. Nonmembers: \$15 or \$100 for the eight-part series. Visit [www.aiachicago.org](http://www.aiachicago.org) for details. 4 LU/HSW

**■ Conference: Green Roofs for Healthy Cities**

Thurs. and Fri., May 29-30  
 Congress Plaza Hotel  
 Sponsor: Environment PIA

This conference and trade show is organized by Green Roofs for Healthy Cities, a network of public and private organizations working to develop the green roof industry. Co-hosted by the City of Chicago. Information: [www.greenroofs.ca](http://www.greenroofs.ca).



**Sign Me Up!**

- 5/13 Lucien Lagrange and Associates
- 5/14 A Blueprint for Regional Action
- 5/14 Tour: Focal Point Lighting
- 5/22 Masonry Restoration Workshop
- 5/24 Outdoor Environments and Healing Gardens
- 5/29 Department of Construction and Permits

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Office \_\_\_\_\_

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City \_\_\_\_\_

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All programs listed above are free or as noted for AIA Chicago members. Non-members will be charged \$10 per program or as noted.

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**AIA Chicago**  
 312/670-2422

Continued on page 4

**Chicago Department of Construction and Permits: Update with John Roberson**

*Thursday, May 29, 5:30 p.m.  
Chicago Architecture Foundation Lecture Hall, 224 S. Michigan Ave.  
Sponsor: AIA Chicago*

John Roberson, Executive Director of the recently established Chicago Department of Construction and Permits, and his new management team will explain the purposes and procedures of this new department. These new programs, processes and services completely change the way the City handles building permits. Bring your questions!

**PIA Spotlight: Historic Resources PIA**

*Chair:  
William McMillan, AIA  
bmcmillan@antunovich.com*

*Co-Chairs:  
Greg Thomas, AIA  
gregory.thomas@mcclier.com*

*Mark Kasprzyk, Assoc. AIA  
kasprzyk@mcclier.com*

This year's committee is continuing the tradition of presenting 12 quality programs on preservation-related issues. Our goal is to cover a broad

range of topics, including materials conservation and best practices. Formats include tours, workshops, slide presentations and discussion groups.

We also seek to co-sponsor programs with the other PIAs on crossover topics, including a masonry restoration workshop this month with the Technical Issues PIA and a tour of the Medinah Temple/Bloomingtondale's in July with the Interiors PIA.

The PIA has also been involved with local policy and regulation issues. Last year, we participated in a review of the Historic South Michigan Avenue Guidelines, and we anticipate similar opportunities this year.



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You are invited to enter the 2003 Professional Excellence Awards competition of AIA Chicago.

The awards program includes the following categories:

- Dubin Family Young Architect Award
- Firm Award
- Distinguished Service Award

Detailed guidelines for each award will be sent upon receipt of the form below.

The awards will be presented at the Chapter's annual meeting in December, and the winners will be the subject of an article in *Focus*

## Dubin Family Young Architect Award

The purpose of this award is to recognize excellence in ability and exceptional contributions by Chicago area architects between the ages of twenty-five and thirty-nine. The award may be given for exceptional work in a specific area of architectural practice or for general excellence in a wide range of architectural activities. The jury will consider contributions to team activities and will rely heavily on recommendations in its evaluative process. In 2002, this award was renamed the Dubin Family Young Architect Award in honor of the endowment of a cash prize to the winner by M. David Dubin, FAIA, in recognition of his half-century of membership in the AIA.

### Deadlines

Intent to enter: June 12, 2003  
Completed submission: August 21, 2003

### Fees

There is no entry fee in this category. The entry form should be accompanied by one letter of nomination written by a member of AIA Chicago.

### Nominations

Nominations will include a brief biography of the nominee, description of accomplishments, and recommendations from at least two individuals familiar with the nominee's work. Individuals may nominate themselves. Nominees must live or work in the Chicago metropolitan area and be between 25 and 39 years of age on May 1, 2003. Membership in AIA Chicago is required.

## Firm Award

The Firm Award was established in 1991 to recognize outstanding achievements by a firm, excellence in the body of work produced by a firm over a period of time, and the ongoing contributions of the firm to the advancement of the architectural profession. Firms must be a member of AIA Chicago. Successor firms may be considered, as long as the collective body of work presented is that of a majority of the remaining principals. The entire history of the firm will be examined, but particular attention will be given to the work and achievements of the past three years.

### Deadlines

Intent to enter: June 19, 2003  
Completed submission: August 28, 2003

### Fees

AIA Chicago members: \$200

### Nominations

Nominations will include a history of the firm; areas of practice; significant projects; biographical information on principals; graphics of representative work; list of awards, honors, or other recognition received by the firm; and list of books, articles, or publications written about the firm's work or professional contributions. Published materials written by the firm may be included.

## Distinguished Service Award

Since 1955, the Board of Directors of AIA Chicago has recognized individuals and organizations who have given outstanding service to the Chicago architectural community as a whole, including service to the profession, public service, and education. This award is not necessarily presented every year. Individuals, associations, AIA Chicago members, and members of the Chicago community at large are eligible for this award. Past honorees have included architects, craftsmen, educators, authors, journalists, and organizations of various types. Nominations may be made by any AIA Chicago member.

### Deadlines

Intent to enter: June 26, 2003  
Completed submission: September 4, 2003

### Fees

There is no entry fee in this category.

### Nominations

Nominations will include biographical or historical information; descriptions and illustrations of significant projects; list of awards, honors, or other recognition received by the individual or organizations; published materials written about the individual or organization. Published materials written by the individual or organization may be included.

	Number of entries	Fees
Dubin Family Young Architect Firm	_____	no fee
Distinguished Service	_____	\$200
<b>TOTAL</b>	_____	no fee

For more information contact Joan Pomaranc, Program Director, at [pomarancj@aiachicago.org](mailto:pomarancj@aiachicago.org) or 312/670-7770.

Name \_\_\_\_\_

Firm \_\_\_\_\_

Address \_\_\_\_\_

Telephone number \_\_\_\_\_ Fax number \_\_\_\_\_ E-mail \_\_\_\_\_

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Return this form to AIA Chicago at 222 Merchandise Mart Plaza, #1049, Chicago, IL 60654-1103 or fax to 312/670-2422

# Architect Registration Examination Graphic Divisions: Review and Mock Exams



**Friday, July 18 - Sunday, July 20, 2003**

Illinois Institute of Technology, College of Architecture, Crown Hall, 3360 South State Street, Chicago

Get ready for the Graphic Divisions of the ARE! AIA Chicago offers a weekend workshop after which you will:

- Avoid common and fatal errors
- Prepare more effectively
- Employ time-saving techniques
- Receive study materials

Norman Dorf, AIA, a developer of the computerized Architect Registration Exam (ARE), presents a three-day crash course on the Graphic Divisions of the exam, widely considered the most difficult parts of the test. An ARE grader for 15 years, Professor Dorf presents solutions to various problem types, and he discusses approaches that work and those that don't.

Sign up early!

The first 30 registrants for the mock exams will have their graded exams returned to them for the Sunday review session. Subsequent registrants will receive their exams via mail the following week.

## Schedule

### Friday, July 18

3:30 to 4:00 p.m., Crown Hall main floor

Registration. Participants should bring a sandwich or other food for the evening.

4:00 to 7:00 p.m., Crown Hall Core (lower level)

An interactive seminar on the Building Technology division.

Fee: members \$30 nonmembers \$37.50

7:00 to 9:30 p.m., Crown Hall Core (lower level)

An interactive seminar on the Building Planning division.

Fee: members \$30 nonmembers \$37.50

### Saturday, July 19

7:15 to 8:00 a.m., Crown Hall main floor

Registration and continental breakfast.

8:00 a.m. to 1:15 p.m., Crown Hall main floor

Building Technology mock exam. The exam will be completed on 11" x 17" sheets of paper and reflects current computer exam issues. Participants must bring pencils, erasers, tracing paper (yellow or white), tape, a calculator, architectural and engineering scales, triangle or other straight edge, and a watch or small clock.

Fee: members \$60 nonmembers \$75

1:15 to 2:15 p.m.

A box lunch will be served to all full-day participants. Eat inside or outdoors.

2:15 to 8:00 p.m., Crown Hall main floor

Building Planning mock exam. The exam will be completed on 11" x 17" sheets of paper and reflects current computer exam issues. Participants must bring pencils, erasers, tracing paper (yellow or white), tape, a calculator, architectural and engineering scales, triangle or other straight edge, and a watch or small clock.

Fee: members \$60 nonmembers \$75

Note: Due to time limitations, a mock exam for the Site Planning division has not been scheduled. Professor Dorf has an exam for this division, and participants may take it in lieu of either Building Technology or Building Planning. You may also request this exam to take at home and mail to Professor Dorf for grading and feedback at an additional cost of \$45. These options are indicated on the registration form.

### Sunday, July 20

9:15 to 10:00 a.m., Crown Hall Core (lower level)

Registration and continental breakfast.

10:00 a.m. to 1:00 p.m., Crown Hall Core (lower level)

Mock exams review session.

Fee: members \$60 nonmembers \$75

1:00 to 2:00 p.m. Crown Hall, main floor

A box lunch will be served to all full-day participants. Professor Dorf will review individual exam comments.

2:00 to 5:00 p.m., Crown Hall Core (lower level)

Site Planning division seminar.

Fee: members \$60 nonmembers \$75

## Important notes:

• *Becoming familiar with NCARB's tutorial material is an effective way to prepare for this workshop. Go to [www.ncarb.org/are/index.html](http://www.ncarb.org/are/index.html) and click on <download ARE Guidelines> to review the requirements of the Graphic Divisions. Then click on <download the free tutorial software> and practice with it before July 18.*

• *Participants for the full weekend program will receive an additional mock exam - practice problems and answers - for each of the three Graphic Divisions that can be used with NCARB's online practice software. These mock exams can be purchased on site for \$10 each by those who have not signed up for the full weekend.*

• *Bring a sweater or sweatshirt. You may bring snacks or beverages, and vending machines are available.*

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AIA Chicago member?  yes  no

Join NOW and take the review course at the members' price!

Fees (check sessions you will attend)

	Member	Non-Member
Building Technology seminar	<input type="checkbox"/> \$30	<input type="checkbox"/> \$37.50
Building Planning seminar	<input type="checkbox"/> \$30	<input type="checkbox"/> \$37.50
Building Technology mock exam	<input type="checkbox"/> \$60	<input type="checkbox"/> \$75
Building Planning mock exam	<input type="checkbox"/> \$60	<input type="checkbox"/> \$75
Mock exams review session	<input type="checkbox"/> \$60	<input type="checkbox"/> \$75
Site Planning seminar	<input type="checkbox"/> \$60	<input type="checkbox"/> \$75
<b>Discount for complete package</b>	<input type="checkbox"/> <b>\$250</b>	<input type="checkbox"/> <b>\$350</b>

**Bonus for complete package: an additional mock exam each for B. Technology, B. Planning and Site Planning - practice problems and answers that can be used with NCARB's online practice software. (These three mock exams can be purchased on site for \$10 each by those who have not registered for the full weekend.)**

Site Planning mock exam in lieu of B. Technology or B. Planning (circle one)  
Site Planning mock exam to take at home  \$45

Associate membership in AIA for six months  \$95.50

TOTAL \_\_\_\_\_

Method of Payment

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Questions? Contact Joan Pomaranc, Program Director, at 312/670-7770 or [pomaranc@aiachicago.org](mailto:pomaranc@aiachicago.org)

Deadline for registration: July 11, 2003

Deadline for cancellation with full refund: July 15, 2003

Looking for a review class for the General Structures and Lateral Forces divisions? AIA Chicago is planning such a class for later in the year. Watch [www.aiachicago.org](http://www.aiachicago.org) and *Focus* for details!

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## Call for Presentations for 2004 Convention

The AIA has issued a call for presentations for next year's national convention to be held in Chicago from June 10 to 12. Most of the sessions are 90-minute seminars; half- and full-day workshops are offered on the day before the convention begins. The most popular formats are short lectures, case studies, graphic presentations, and panel presentations. AIA members will earn learning units for preparing their presentations.

There is a new submission process this year, and two different deadlines depending on the method of submittal. Proposals can now be submitted online and can be revised up until the deadline. Step-by-step instructions will be

found at the Web site, [www.aiaconvention.com](http://www.aiaconvention.com), which will be open to accept proposals until the deadline of 5:00 p.m. EST, June 20.

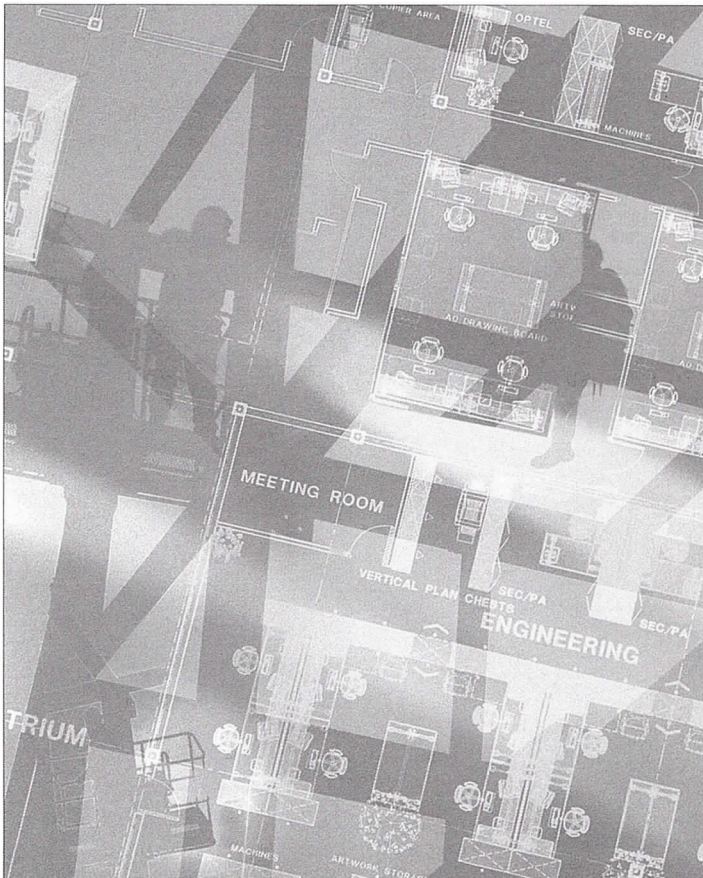
Alternatively, proposals can be submitted via e-mail, as in the past. Attach the proposal as an MS Word file and send it to [callforpresentations@aia.org](mailto:callforpresentations@aia.org). There is an earlier deadline for proposals submitted via e-mail: 5:00 p.m. EST, June 13.

Proposals will be evaluated using the following criteria: well-defined focus; overall quality and potential to contribute to a well-balanced convention program; relevance to the profession; practical applications of materials or ideas; timeliness; experience of speaker(s). The selection results will be sent to the submitters in September.

Consult the complete call for presentations for details; it is being mailed to all AIA members in Illinois. Questions may be addressed to Emily Cole, continuing education program manager, at [ecole@aia.org](mailto:ecole@aia.org) or 202/626-7445.

## New York City Planner to Speak in June

Alexander Garvin, vice president for planning, design and development of the Lower Manhattan Development Corp. (LMDC) will speak about the efforts to rebuild the World Trade Center site. The lecture, followed by a response from a Chicago panel, will take place at the Rubloff Auditorium of the Art Institute of Chicago on Saturday, June 28 from 1:00 to 3:30 p.m.



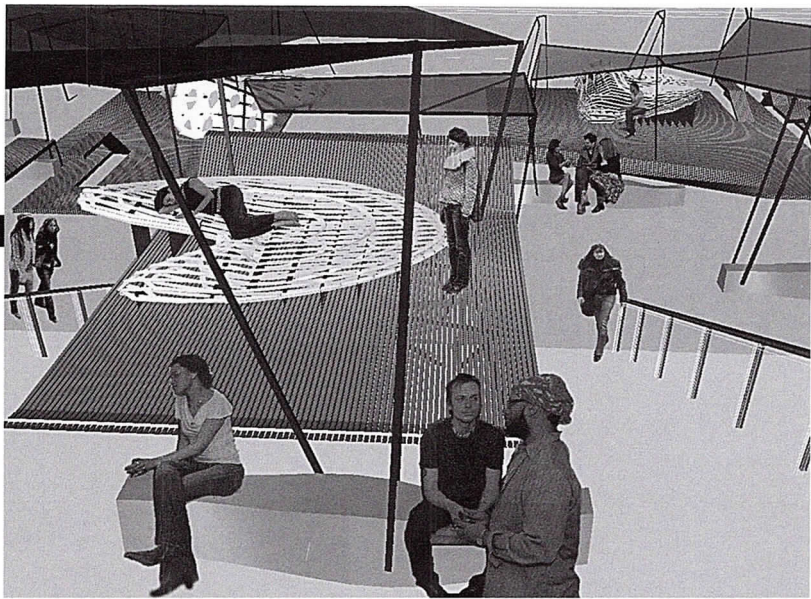
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Garofalo Architects has created a temporary installation for the plaza of the Museum of Contemporary Art.

Courtesy of the firm

## Garofalo Design Occupies MCA Plaza

A pavilion-like installation by Garofalo Architects will occupy the front plaza of the Museum of Contemporary Art, 220 E. Chicago Ave., until the end of October. It inaugurates a series of MCA commissions for emerging and mid-career architects to design and construct architectural works on the entry plaza. Titled *Garofalo Architects: Between the Museum and the City*, the structure will house a series of educational and outreach functions and will generate new public uses for the plaza.

In conjunction with the project, the College of Architecture and the Arts at the University of Illinois at Chicago will present a graduate seminar focusing on the theoretical and functional issues of public space and cultural practice. This collaboration between the MCA and UIC will seek to bond the design and building process with the analytical/educational process of architecture.

## Chapter Announces New Staff

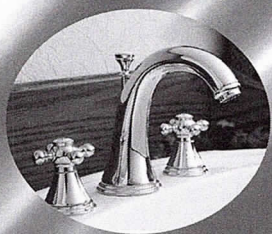
Laurie Petersen, long-time contributing editor of *Focus*, has been named editor of the publication. Susan Larson is now the executive editor and communications director. E-mail news and photos of projects, promotions and story ideas to [petersenl@aiachicago.org](mailto:petersenl@aiachicago.org). Phillip Rahill is the new membership coordinator/assistant to the director. He can be reached at [rahillp@aiachicago.org](mailto:rahillp@aiachicago.org).


## Update to Handbook of Professional Practice

*The Architect's Handbook of Professional Practice: Practice Update* is the first volume in a planned annual series. It features practice reports and topics and a CD-ROM of contract documents. The 184-page book can be ordered from AIA Chicago for \$85; call 312/670-7770 or fax 312/670-2422.

Garvin has combined a career in urban planning and design with teaching, architecture, and public service. In addition to his work with the LMDC, he is on the New York City Planning Commission and is adjunct professor of urban planning and management at Yale University.

The event is cosponsored by AIA Chicago and the Architecture & Design Society of the Art Institute of Chicago. It is free to AIA Chicago members and offers 2 LU/HSW.





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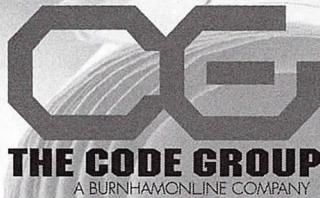
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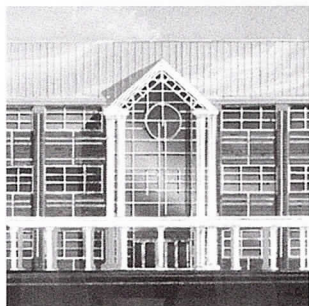
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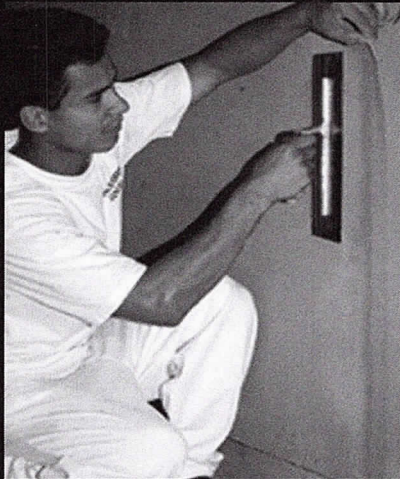


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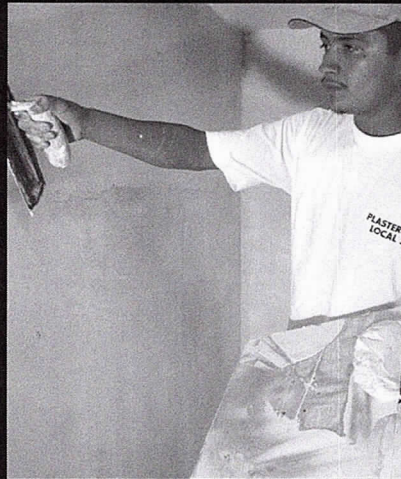
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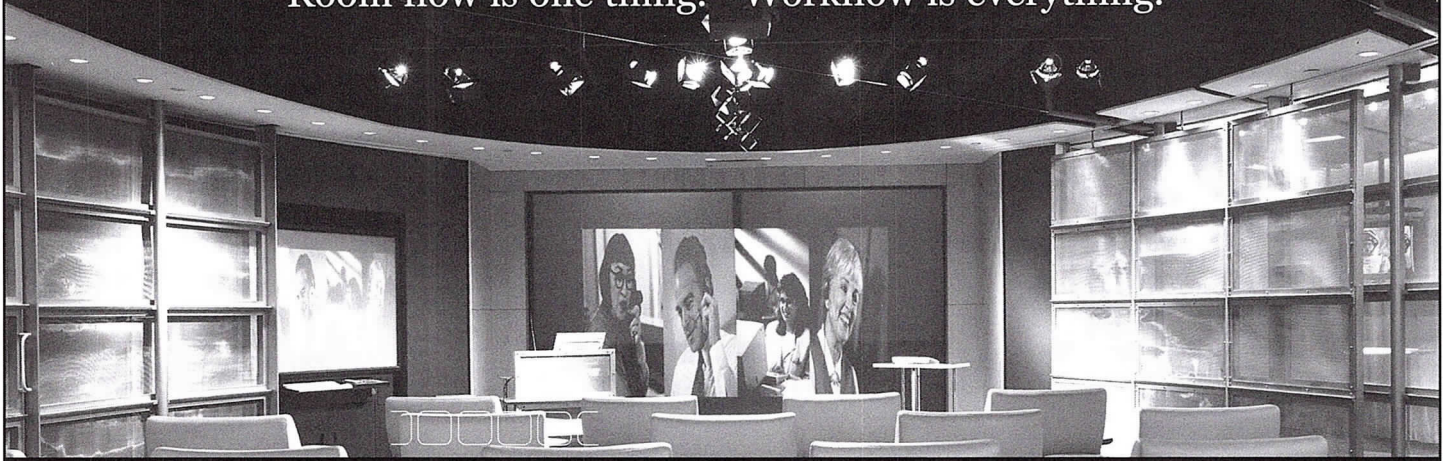
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# Preservation Portfolio

By Laurie Petersen

**C**urrent preservation projects run the gamut from a small house that is the oldest masonry building in Illinois to two internationally recognized icons of the Chicago School. Whether giving a new lease on life to structures that were threatened with demolition or embellishing occupied buildings, the following projects offer stellar examples of recapturing past glories.

McCluer will restore the cornice of the Carson Pirie Scott Building, seen here c. 1905.



Courtesy of the Chicago Historical Society

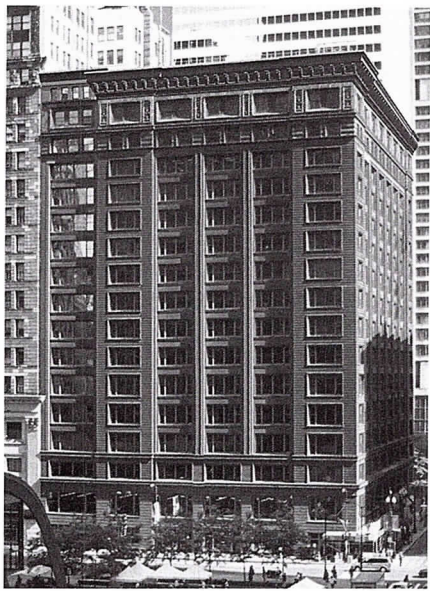
## Marquette Building and Carson Pirie Scott

The lofty status of these two exemplars of the Chicago School will be elevated even further when they both regain the monumental cornices that had been unceremoniously removed in the mid-20th century.

The Marquette cornice should be completed by the end of this year, and cleaning and restoration of the rest of the façade is underway. McCluer is the architect; Ohlhausen DuBois Architects is the associate architect, and Wiss, Janney, Elstner Associates is a consultant. The new cornice will replicate the original in size, shape, color and detail, but the material will be glass-fiber-reinforced concrete (GFRC). It is a durable and aesthetically good match for the original terra cotta, but is lighter, has fewer joints, and is much more affordable. The design team scanned historic photographs and enlarged the images at high magnification to discern the details. They then consulted period pattern books to fill in missing information.

The new cornice incorporates small windows, similar to the originals, which allow natural light into the offices and conference rooms of the 17th floor. The new panels are about 8-1/2 feet tall by 10 feet long, project 6-1/2 feet out from the building, and weigh about 3500 pounds each. The structural support system is a re-creation, but in corrosion-resistant metal, based on original drawings and one remaining element. The small cornice of the westernmost bay, which was added by Holabird & Roche in 1906, is also being recreated.

Exterior restoration of the Carson's building, to be renamed Sullivan Center when the upper floors have been



McClier's rendering shows the Marquette Building with its rebuilt cornice.

Courtesy of the firm

converted into office space by developer Joseph Freed and Associates, will include terra cotta and other masonry renovations. McClier is the preservation architect for the exterior. Windows will be restored inside and out. One of the State Street entries to the complex will be converted and renovated for the office use. The original cornice on the State Street building was removed in the 1940s and replaced with a plain parapet wall. This cornice will be recreated using historic photographs, drawings and other documentation. The restoration of the cornice will include recreating the recessed window wall at the top floor, which produced the effect of a loggia with ornate column capitals.

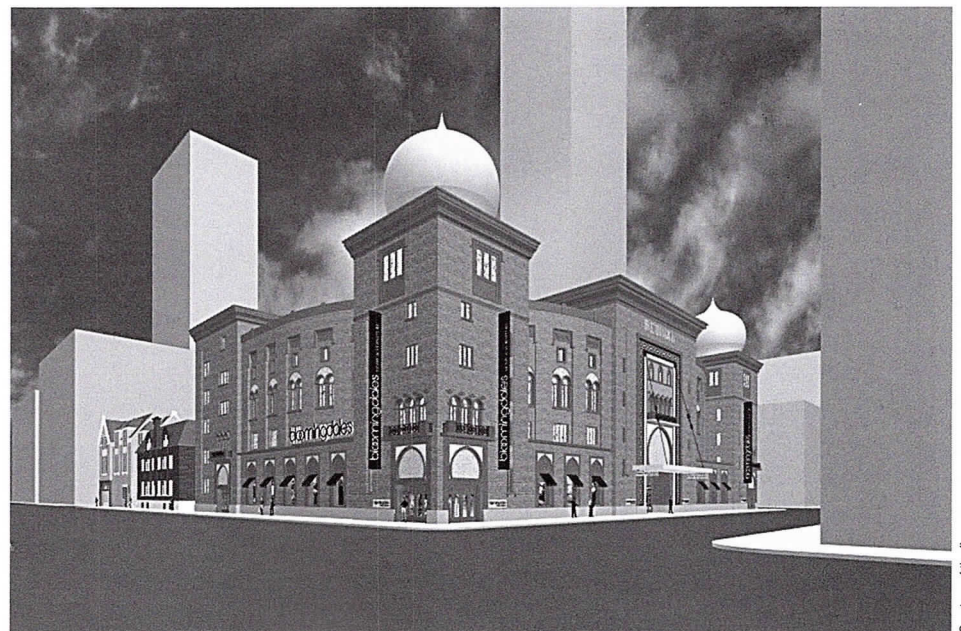
## Medinah's Metamorphosis and Restoration of Tree Studios

While the new Bloomingdale's store has opened to great fanfare, work on the neighboring Tree Studios is proceeding steadily and is expected to be completed next winter. Daniel P. Coffey & Associates is restoring the severely deteriorated National Historic Landmark, which will be used for retail stores and arts offices. The courtyard that formerly served private apartments will now provide access to offices and will thus be a more public space. It will be enlivened by cutting window openings into the boxy brick addition that was inserted by the Shriners in the 1950s.

The conversion of the Medinah Temple into a retail establishment saved the much-loved building and revived its appealing historic elements. The most prominent feature is the pair of copper-clad domes. The originals had been scrapped a decade earlier and there were no construction drawings, so Coffey's firm used photographs to recreate them as closely as possible. An alteration that is invisible from the street, but that was critical to the project's viability, was excavating the basement several feet to provide an additional retail floor within the building envelope.

Exterior modifications that announce the structure's new identity include lowering the sill line of the ground floor windows to increase display space; installing banners and dramatic lighting; and designing a glassy entrance canopy. The interior architecture was a collaboration between Coffey and James Harb, AIA, who is responsible for maintaining a consistent look for all the Bloomingdale's stores. The restored

Daniel P. Coffey & Associates transformed Medinah Temple into the Bloomingdale's store and is currently working on Tree Studios.



Courtesy of the firm

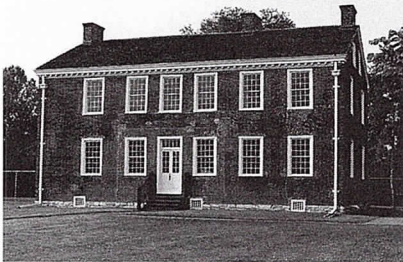
dome, plaster ceilings, stained glass and proscenium arch provide a striking backdrop for merchandise display.

## Jarrot Mansion

The Jarrot Mansion, constructed in Cahokia from 1807 to 1810, is the oldest masonry building in Illinois. The house was built by frontier entrepreneur Nicholas Jarrot (1764-1820), whose family and descendants resided there until 1905. Acquired by the State of Illinois in 1978, the building retains a high degree of integrity. In 1998, the Illinois Historic Preservation Agency (IHPA) hired Vinci | Hamp Architects to direct the conservation and restoration of the building. Structural engineer for the project is Wiss, Janney, Elstner Associates.

Working closely with the IHPA and site manager Molly McKenzie, Vinci | Hamp restored the mansion with

*Continued on page 14*



The Jarrot Mansion in Cahokia, the oldest masonry building in Illinois, has been restored by VinciHamp.

Both photos Bertram Photography

minimal interventions that are largely reversible. Structural upgrades were made to the floor and roof framing and a simple heating and cooling system was installed in the attic, with ducts run through the

building's existing chimneys. ADA accessibility was provided by a new stair and lift at the rear of the building. Through archival research and paint chip analysis, interior finishes were restored to the 1810 color scheme.

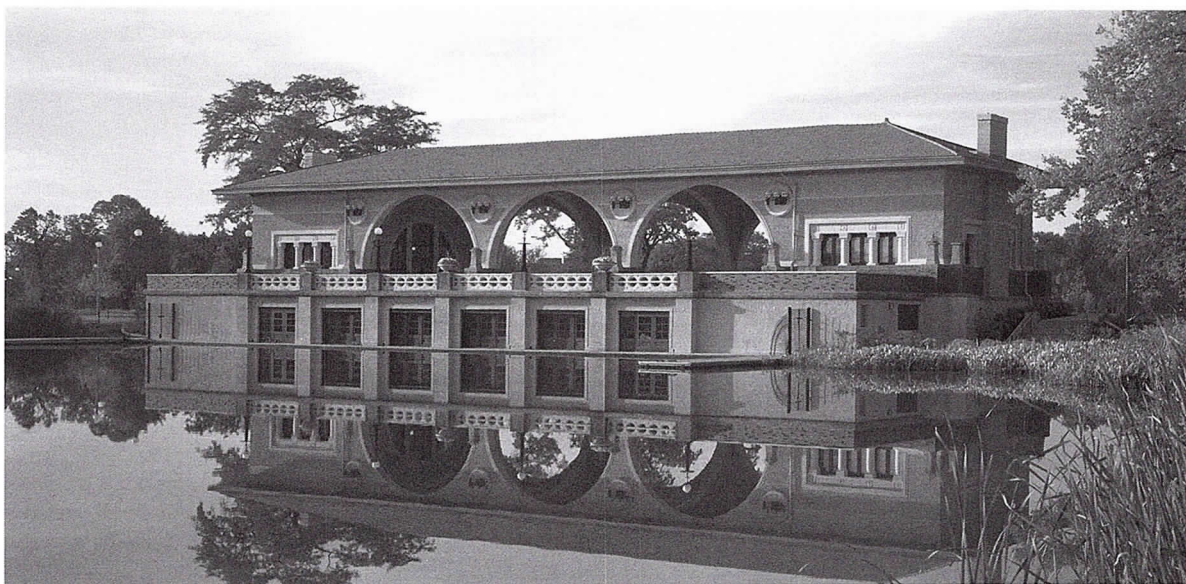
In 2001 the National Park Service designated the Jarrot Mansion a National Historic Landmark, citing its significance as an early example of the Federal style. A second phase of exterior restoration work, including masonry conservation, is pending.

## Dempster Street Station

Two years ago, the Dempster Street Station was close to extinction. Functionally obsolete since the 1963 demise of the North Shore Rail Line, it had become an eyesore. With the station site designated for a new bus terminal, its demolition was imminent despite the structure's listing on the National Register of Historic Places and the Landmark



The Humboldt Park Boathouse was restored by BauerLatoza Studio.



© Ron Schramm Photography

Preservation Council of Illinois' "Ten Most Endangered Historic Places." In a last effort to save the station, Antunovich Associates teamed with local Skokie developers, Taxman Corp. and Terraco Inc., to move the structure 120 feet, restore it to its original appearance, and adapt it to retail use.

Built in 1925, Dempster Street is the largest of nine stations designed by architect Arthur U. Gerber (1878-1960) in the same Prairie Style prototype. While the interior is being gutted for new retail tenants, the exterior is being completely restored. The historic storefronts are being rebuilt based on original drawings still in

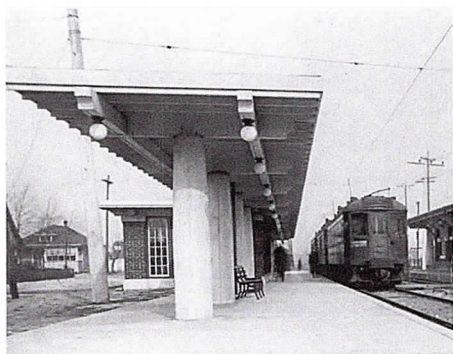
the Chicago Transit Authority's possession. The Ludowici clay roof tiles have been ordered from the manufacturer, who is not only still in business but retains the receipt from the original job. Globe light fixtures on the eave brackets will be replicated, and the mottled red-brown tapestry brick will be restored after removal of years of paint.

When the restored station opens this fall, it will anchor the planned renaissance of Dempster Street, which will include transit-oriented mixed-use development and streetscape improvements. The bus turnaround that is to occupy the station's original location will feature a canopy based on Gerber's original design prototype, thematically unifying the site.

concession area, boat rental, office and meeting spaces, and a nature center exhibit space. BauerLatoza prepared conceptual plans and a budget to integrate the program within the confines of the existing shell, including future plans to enclose the exterior pavilion area. The conceptual program was then presented at a community meeting.

In the second phase, the firm developed construction documents that included upgrading the structure to accommodate the transformer vault in the basement, provision of all new mechanical, electrical, plumbing, life safety and security systems, the installation of an elevator and the introduction of an additional floor level within each wing. Exterior masonry, windows and doors were repaired and restored, and missing decorative historic elements were recreated, including a decorative cast stone balustrade, urns and obelisks as well as the historic wall sconces, pedestal fixtures and site lighting.

*Continued on page 16*



Dempster Street Station in Skokie, pictured at left c. 1925, is being restored by Antunovich Associates. This train station canopy in Kenosha is the model for a new bus shelter on Dempster Street.

## Humboldt Park Boathouse

The Humboldt Park Boathouse Pavilion, designed by Richard E. Schmidt, Garden & Martin and constructed in 1907, is one of the treasured buildings in the Chicago Park District portfolio. Although it is listed on the National Register of Historic Places and is a designated Chicago Landmark, the pavilion sat vacant for the past decade. The park district selected BauerLatoza Studio for a two-phase rehabilitation project, which received a Richard H. Driehaus Foundation Preservation Award.

Phase I included programming the interior for adaptive reuse including a

## Pullman State Historic Site

The IHPA manages the state-owned historic site, comprised of the remaining manufacturing buildings of the Pullman Palace Car Company — the clock tower/administration building and adjoining factory and shop — as well as the adjacent Hotel Florence. Vinci | Hamp Architects and Wiss, Janney, Elstner prepared Historic Structure Reports for the site buildings, and restoration has proceeded in several phases.

Teng & Associates, with Johnson-Lasky Architects, is currently working on the stabilization and reconstruction of the administration building and tower, the north factory building, and rear erecting shop. Almost destroyed by arson in December 1998 and subsequently stabilized by Wiss, Janney, Elstner Associates, the buildings' exterior envelope, including the tower and clock, is being reconstructed, as are the interior



The exterior of the Pullman administration building is being reconstructed by Teng & Associates with Johnson-Lasky Architects.

Courtesy Teng & Associates

Weese Langley Weese transformed a former settlement house into the Rebecca Johnson Apartments.



Miriam Puhala, Puhala Christine

floors. This work should be complete by the end of 2003.

Wiss, Janney, Elstner developed construction documents for the first phase of restoration work at the Hotel Florence that includes roofing replacement, masonry and wood repair, and new mechanical, electrical and plumbing systems. This work is now almost complete. Knight Infrastructure is providing architecture and engineering services for the emergency stabilization of the hotel annex roof.

## Rebecca Johnson Apartments

A former orphanage and settlement house in East Garfield Park has found new life as supportive housing for formerly homeless women. Designed in 1902 by John Neal Tilton, the building has the solidity of a community anchor but faced an uncertain future. Deborah's Place purchased it and hired Weese Langley Weese to transform it into 90 units of housing with shared common spaces.

Prominent exterior features were restored and new windows specified to replicate the originals. Removal of an unsympathetic classroom wing uncovered part of the western façade, which was rebuilt to match the rest of the building. The space gained with the demolition became a courtyard that visually separates the old structure and the remaining non-historic elements while creating a private outdoor space for residents. Interior common elements such as a gymnasium and institutional-size kitchen serve the building's new function well.

Laurie Petersen is editor of Focus.





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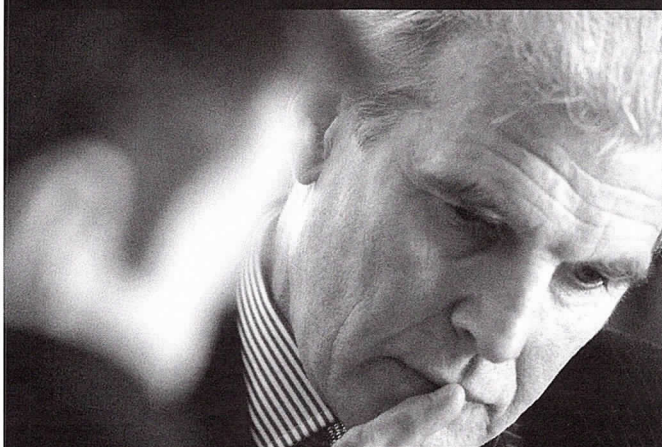
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# Repointing Masonry Walls

**The architect should produce drawings and specifications that clearly state the requirements for repointing a facade.**

by *Scott M. Conwell, AIA*  
*International Masonry Institute*

**T**he durability and longevity of masonry is greater than that of any other building material, as evident in the thousands of old brick buildings throughout Chicago. When designed and constructed properly, masonry can last hundreds of years or more. To maximize the life of a masonry building, the mortar joints need periodic maintenance during the building's life cycle. When visual inspection reveals that the mortar joints are cracking or otherwise deteriorated, restoration is necessary to help maintain the integrity of wall system. Commonly known as tuckpointing, "repointing" is the preferred term used to describe the process of cutting out deteriorated mortar joints in a masonry wall and filling in those joints with fresh mortar.

The goals of a repointing job should be to remove and replace mortar in a way that will maintain the structural properties of the wall, improve the appearance of the wall, and form weathertight joints. To accomplish this, the architect should produce drawings and specifications that will clearly state the requirements for mortar removal, joint preparation, preparation of pointing mortar, and placing mortar in the joints.

## Mortar Removal/Joint Preparation

Perhaps the most important step in a repointing job is the removal of deteriorated mortar. Unfortunately, this step is sometimes overlooked by untrained or inexperienced contractors. If all of the deteriorated mortar is not sufficiently removed, the new mortar will not properly bond to the joint.

The craftworker should remove old mortar to a depth of 3/8" to 1/2"; or until sound mortar is reached, but not in excess of one-third the depth of the masonry unit above. The mortar being removed should be raked out the full width of the joint to the proper depth so that the void formed is in the profile of a rectangle, not a "U" or "V" profile; otherwise a good bond will not be formed and the new mortar may fall out or not be weathertight. After raking out the old mortar, loose particles should be removed from the joint.

## Preparation of the Pointing Mortar

The mortar used for pointing should be strong enough to meet any structural requirements while not being too strong as to inhibit movement of the masonry; it should be weathertight; and for architectural purposes, it should match the color and texture of the original mortar.

The mortar used in pointing should be prehydrated to reduce the amount of shrinkage that can occur after it is placed in the joints. In most cases a prehydrated type N mortar, or prehydrated mortar made from type I cement is suitable for pointing. Refer to ASTM C 270 for specifications by proportions or properties.

## Placing Mortar in the Joints

Before the pointing mortar is forced into the raked-out joints, the joints should be moistened and the water should be allowed to absorb. Pre-wetting removes any small, loose particles left in the joint; it improves the bond between the masonry units and the mortar; and it keeps the new mortar in the joint soft longer, to allow the craftworker more time to do a good job of tooling the joints.

*Continued on page 20*

## Repointing Masonry Walls

Continued from page 19

After premoistening, mortar is placed into the joints with a narrow tuckpointing tool, sometimes called a backfiller. The mortar should be forced into the joints in layers, or lifts, not to exceed 1/4" thick. This is to fill all voids and to minimize shrinkage of the new mortar. Subsequent lifts should be applied when the previous lift is thumbprint hard. Depending upon the depth of the joint that has been raked out, several lifts of mortar may need to be applied to bring the new joint even with the surface of the wall. Placing the mortar in lifts will help to reduce voids.

The direction of mortar placement is also critical. Avoid air pockets and voids by pressing or forcing the layers of mortar into the joint in one direction only. The layers should always be pushed back upon the previous layer underneath. This will force out air pockets and minimize voids. Head joints can be completely filled if the mortar is worked from the bottom of the joint up, pressing mortar back on top of itself, by striking the joints in a downward motion.

When properly done by skilled union contractors and trained craftworkers, repointing provides strong, weather-resistant mortar joints that match the appearance of the original mortar joints, helping to extend the life of the building.

*International Masonry Institute (www.imiweb.org) is a non-profit labor-management organization which provides continuing professional education programs and technical services for architects, and apprenticeship and training programs for the International Union of Bricklayers and Allied Craftworkers and the contractors who employ them. AIA Chicago's Historic Resources and Technical PIAs, along with IMI and the Tuckpointers Local 52 BAC, are sponsoring a Masonry Restoration Workshop on May 22 (see page 3).*

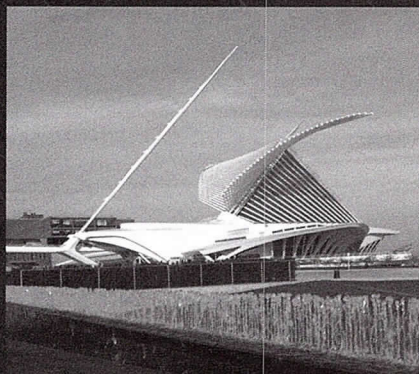
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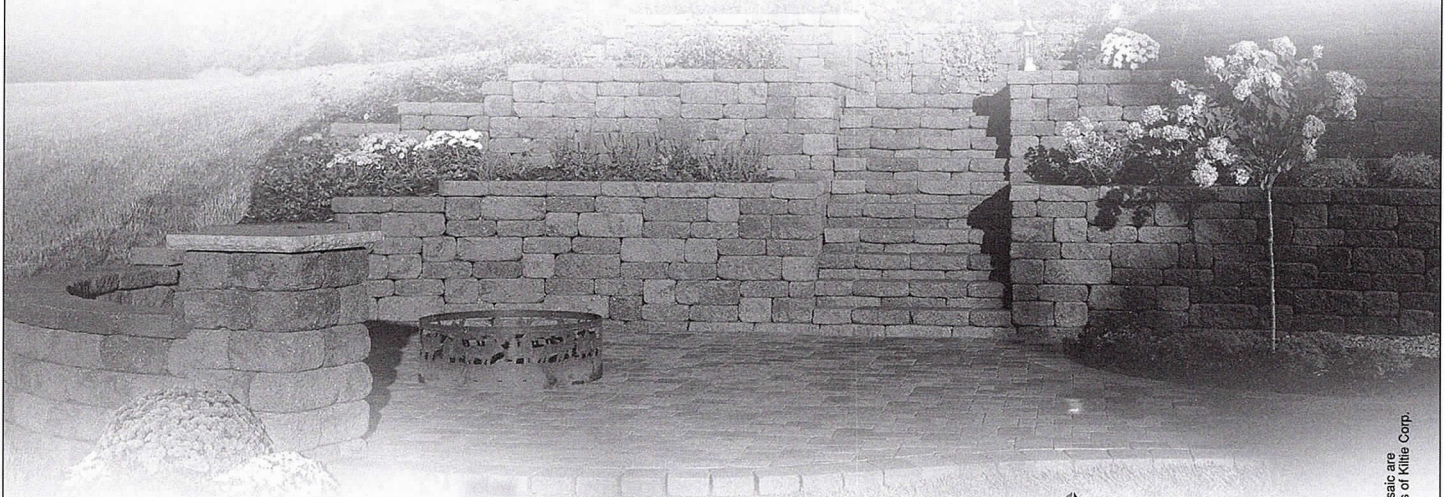
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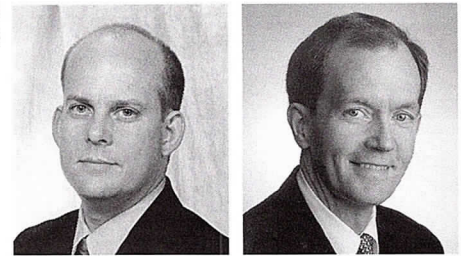


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From left to right: Matthew Wylie, AIA and William Lampkin, AIA



PEOPLE/FIRMS

**Michael Auf der Heide, AIA** has been promoted to associate at Yas/Fischel Partnership.

Matthei & Colin Associates has named **Randall Bacidore, AIA** as partner-in-charge of design. Bacidore joined the firm in 1986 and became a senior associate in 1999.

**Sheila Cahnman, AIA, ACHA** published a feature article entitled "Current Trends in Cancer Center Design" in the March/April issue of the Association for Community Cancer Center's *Oncology Issues* magazine. Cahnman is an associate vice president with HLM Design, specializing in healthcare and research design.

Dirk Denison Architects has announced the promotion of **Todd Webb, AIA** to associate partner.

Eckenhoff Saunders Architects has announced the promotions of **William Lampkin, AIA** and **Matthew Wylie, AIA** to associate principal and of **Jeffrey Conner, AIA, Pamela Hill, AIA, Robert Plebanski, AIA** and **Michael Vinci, AIA** to associate. In other firm news, **Walter Eckenhoff, AIA** has been named the chair of the board of trustees of the Chicago Architecture Foundation.

**Bernard Holmes Bradley** died in January at his home in Arizona. Bradley worked at Holabird & Root from 1946 to 1971, becoming a partner in 1956. His many design commissions in the 1950s and 1960s included over 100 buildings for Illinois Bell Telephone as well as the public libraries in Oak Park and Wilmette.

**Lawrence Lattin Smith** died on February 26 at the age of 87. He had dissolved his Chicago firm, L. Lattin

Smith & Associates, upon his retirement in 1985. The firm's clients included the University of Illinois, the Chicago Housing Authority, Florsheim shoe stores, and Wieboldt's. His obituary in the *Chicago Tribune* highlighted his passions for fishing and playing jazz.

**Direct Design Ltd. Architects** has relocated to 3321 S. State Route 31 in Prairie Grove. The new phone and fax numbers are 815/444-8444 and 815/444-8844.

**JMH Architects** has moved to 119 W. Maple Ave. in Mundelein. Phone and fax numbers are unchanged.

**STR Partners** has announced the addition of STR Building Resources, which provides building enclosure consultation, to the family of STR companies.

**Tjaden Architects** has moved to 2650 W. Belden Ave., Suite 311. Phone and fax are unchanged.



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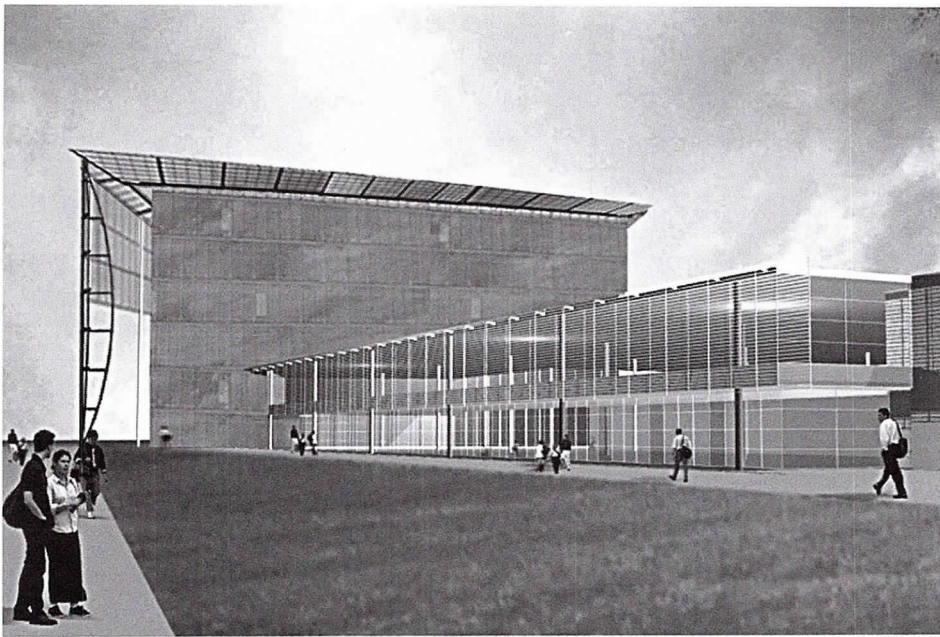
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Krueck & Sexton is designing an addition to the Shure headquarters in Niles.

Courtesy of the firm

**PROJECTS**

**Krueck & Sexton's** renovation of a building on Herman Miller's headquarters campus in Zeeland, Michigan has received a Gold LEED Certification from the U.S. Green Building Council. It is one of the first

eight buildings in North America to achieve this ranking. The renovation included removing several layers of interior finishes from the 1974 building and exposing the steel structure. A completely new electrical and mechanical system, along with high-efficiency

lighting, reduces energy consumption by over 30 percent. Nearly 70 percent of the building's energy requirements are generated on-site at a biomass-powered energy center. In other news, the firm is designing a 75,000- square-foot addition to Shure Inc.'s corporate headquarters in Niles. The technical center for this manufacturer of headphones and other electronics will complement the office building, which was originally designed by Murphy/Jahn for HA-LO.

Two school projects by **OWP/P** were honored recently. A.E. Stevenson High School in Lincolnshire received an Award of Distinction for Excellence in the Design of Educational Environments, 2002 from the Joint Conference of the Illinois associations of school boards, administrators, and business officials. The project comprises a new resource center, a commons and a 30-classroom addition. The Beach Park Middle School in

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Beach Park, Illinois received an ASHRAE Illinois Chapter 2002 Excellence in Engineering Award. OWP/P provided architectural and engineering services for the new building, which uses Demand-Controlled Ventilation (DCV) to modulate outside air intake based on occupancy, thereby reducing energy consumption.

**Mekus Studios** has transformed a Scandinavian Club banquet hall in Arlington Heights into a Catholic church. The new Misión San Juan Diego was dedicated by Francis Cardinal George on April 5. The \$1.1 million renovation involved converting the banquet hall's existing ballroom space into a sanctuary that seats up to 600 people. The restaurant, kitchen and bar areas became classrooms, offices and conference rooms, a choir room and a multi-use parish hall.

The Brain Food Court by **Aumiller Youngquist** is the newly remodeled food service area at the Museum of Science & Industry. Sustainable design features include materials with high recycled content.

The renovation of mechanical systems at the Auditorium Theatre has won a 2002 Excellence in Engineering Award from the Illinois Chapter of ASHRAE. The design team consists of **Daniel P. Coffey & Associates**, architects; **Environmental Systems Design**, engineers; and **Kirkegaard Associates**, acoustics consultants. The renovation houses the new air conditioning system in the former organ chamber into free up valuable basement space for new dressing rooms.

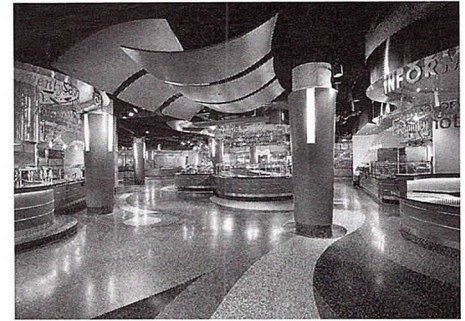
The Golder Library reading room at the Mitchell Museum of the American Indian was dedicated on March 8. Designed by **Constantine D. Vasilios & Associates**, the space draws on Native American imagery, including a sky-blue domed ceiling, cedar poles in each corner, and exterior brickwork inspired by Navajo rug patterns.

CLIPPINGS

The Residential Real Estate supplement to the March 3 issue of *Crain's Chicago Business* featured a Q & A with **Scott Rappe, AIA** and had several articles with quotes from architects including **Timothy LeVaughn, AIA**, Paul Alessandro of **Hartshorne & Plunkard**



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**Architecture**, and **Julie Hacker, AIA** of Stuart Cohen and Julie Hacker.

The *Virginian-Pilot* ran a feature story on March 4 about a plan developed by **Skidmore, Owings & Merrill** that suggests improvements for the corridor that will link a new convention center, also designed by SOM, with the oceanfront of Virginia Beach. The proposal includes new sidewalks, landscaping, lighting and a new office district and civic campus. The newspaper article was picked up by the ArchNewsNow Web site.

An article in the March 26 *The New York Times* about the rebirth of Goose Island highlighted the proposed

Wrigley Company research center being designed by **HOK Inc.**

The Home & Garden section of the March 30 *Chicago Tribune* featured an article about several new lines of residential and contract furnishings being designed by **Gary Lee Partners**.

The new Racine Art Museum (see photo, page 26) by **Brininstool + Lynch** received a rave review in the March 31 *Milwaukee Journal Sentinel*. The 46,000-square-foot museum, primarily devoted to contemporary crafts, was created from two heavily altered buildings that are now unified with a cladding of acrylic panels.

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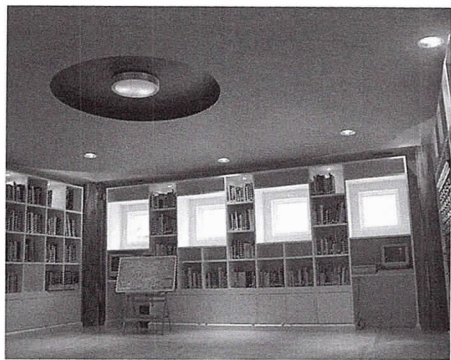
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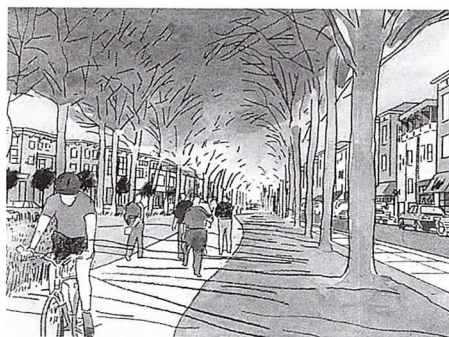
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From left to right: Mekus Studios created the Misión San Juan Diego from a Scandinavian banquet hall; Aumiller Youngquist designed the new food court at the Museum of Science & Industry; Constantine D. Vasilios & Associates created the Golder Library at the Mitchell Museum of the American Indian; and SOM planned the 19th Street corridor in Virginia Beach.

Author Whitney Gould proclaimed, "in its subtle manipulation of light and materials, its urbanity and spatial clarity, it outshines many bigger, costlier buildings." Brininstool + Lynch was also mentioned, and their work illustrated, in an article that appeared in the Business section of the February 21 *Chicago Sun-Times* discussing a proposed West Loop condominium project.

Blair Kamin announced in the March 31 *Chicago Tribune* that the city of Chicago is holding a design competition for five pedestrian bridges, four of which will improve lakefront access. Seven firms were contacted by the City, and others are welcome to submit

before the mid-May deadline. Participating local firms include **Lohan Caprile Goettsch, Murphy/Jahn** and **OWP/P**.

#### PROFESSIONAL DEVELOPMENT

The West Side Technical Institute of the City Colleges of Chicago, in conjunction with Safway Steel Products, is offering **scaffold safety training classes**. The four-hour program, which will award LUs, covers safe operation and storage of both supported and suspended scaffolds. The classes are held at 2800 S. Western Ave. on Mondays and Wednesdays from 7:30 a.m. to 12:00

noon or 12:00 noon to 5:00 p.m.; check the Web site at [www.ccc.edu](http://www.ccc.edu) (click on West Side Tech) for specific dates. The cost is \$85. Firms with numerous interested employees can also call 773/843-4618 to arrange a Saturday session.

The American Institute of Steel Construction's (AISC) **2002 Seismic Provisions for Structural Steel Buildings**, a full revision of the 1997 version, is now available for purchase for \$30 (\$20 for AISC members) or as a free download from the Web site at [www.aisc.org/seismicprovisions](http://www.aisc.org/seismicprovisions).

For the fifth year, scholarships will be offered to AIA architects for a continuing education course in Verona, Italy from October 2 to 6. The five-day course on the **Use of Marble and Stone** takes place in conjunction with the world's largest trade fair for these materials ([www.marmomacc.com](http://www.marmomacc.com)) and will offer over 20 LUs. Scholarships will cover tuition, meals, accommodations and local transportation; participants are responsible for travel to and from Verona and a \$300 administrative fee. Applicants should send a curriculum vitae and a cover letter specifying why they wish to participate, and the number of days that they would plan to attend, by June 30 to Helen Medina at The Consultants International Group, 1616 H St., NW, Suite 400, Washington, DC, 20006. The e-mail address is [info@cig-dc.com](mailto:info@cig-dc.com); the phone is 202/783-7000.

#### VARIOUS MATTERS

**Charles Gwathmey, FAIA** will lecture on "Recent Projects and The World Trade Center" on May 6 at 6:00 p.m. at the Art Institute's Fullerton Hall. Sponsored by the Architecture & Design Society, the event costs \$10 for A&D members and \$15 for non-members. Reservations are required and tickets will be held at the door. Contact the Society via e-mail at [archsoc@artic.edu](mailto:archsoc@artic.edu) or telephone at 312/443-4751 or visit the Web site at [www.archdesignsociety.org](http://www.archdesignsociety.org).

The Chicago Architecture Foundation will exhibit the entries of its annual **Newhouse Architecture Competition** in the Atrium Gallery from May 9 to 15. The grand-prize winners will be exhibited from May 22 to June 29, with an opening reception on May 22 at 6:00 p.m. at the ArchiCenter, 224 S. Michigan Ave. (RSVP requested; call 312/922-3432, ext. 237). An



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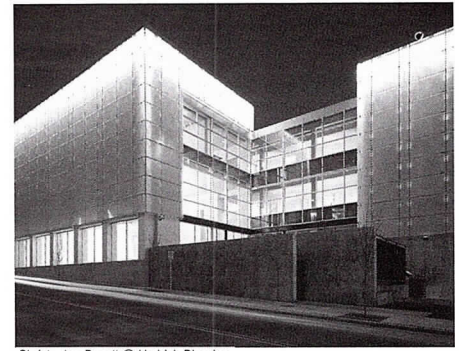
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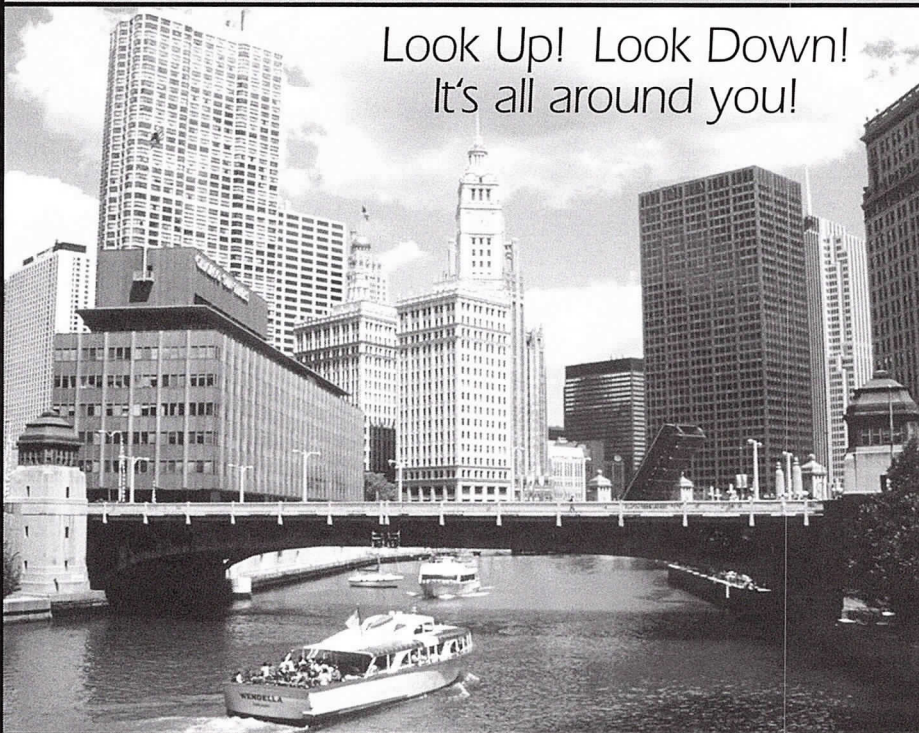


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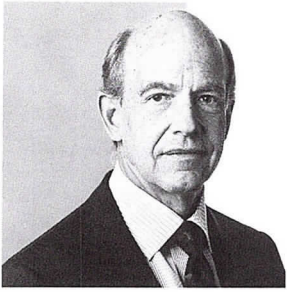
**Chicago Tribune**

exhibition in the Lecture Hall Gallery inaugurates  
**"Road Trip: A Series,"** highlighting important new  
buildings within a day's drive of Chicago. On view  
through June 1 are photographs of Tadao Ando's  
Pulitzer Foundation for the Arts in St. Louis. Lunchtime  
Lectures on Wednesdays from 12:15 to 1:00 p.m. will  
include Vince Michael speaking about **historic  
preservation** on May 14 and Susan Benjamin  
discussing the **country houses of David Adler** on  
May 28. These lectures are free; no reservations are  
needed. For information about CAF's exhibitions and  
programs, visit their Web site at [www.architecture.org](http://www.architecture.org).

The Landmarks Preservation Council of Illinois is  
presenting a visual history of **Chicago's Maxwell  
Street** by authors of a new book on the subject. It will  
take place at 12:15 p.m. on May 15 at the Chicago  
Cultural Center, 77 E. Randolph St., 2nd floor.

The College of Architecture at IIT will hold its **annual  
open house and exhibition of student work** at  
Crown Hall, 3360 S. State St., on May 16 from 5:30 to  
8:30 p.m. This year's featured event is a performance of  
Oskar Schlemmer's "Pole Dance" as reconstructed by  
dance historian Debra McCall. This architectonic dance  
was created in the 1920s as part of the Bauhaus Stage  
Workshop. The dancer's limbs and central axis are  
extended by means of 12 poles to enhance the inherent  
harmonic proportions of the human form and actively  
engage the spatial geometry of the surrounding cubical  
stage. McCall will also give a lecture on Schlemmer's  
work and the Bauhaus dances. The program is free and  
open to the public. For more information, call 312/567-  
3230 or visit [www.arch.iit.edu](http://www.arch.iit.edu).

The annual architecture festival **Great Chicago  
Places and Spaces** will take place on May 16 to 18.  
Programmed by the Mayor's Office of Special Events in  
partnership with the Chicago Architecture Foundation,  
the event offers over 160 free tours. The kick-off event  
is a discussion on May 16 at 6:00 p.m. at the Chicago  
Historical Society, North Avenue at Clark Street, between  
journalist Bill Kurtis and Donald Miller, author of  
*City of the Century: The Epic of Chicago and the  
Making of America*.



From left to right: The Racine Art Museum by Brininstool + Lynch opens May 11; Charles Gwathmey, FAIA will speak at the Art Institute on May 6.

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North Park Village, a senior housing community that occupies the former Municipal Tuberculosis Sanitarium, is requesting **donations of flat file tables** in which they can store original drawings and documents relating to the history and construction of the hospital. Contact Rose Wandel at 773/478-0202 if you can help; they will arrange for pickup.

### NEW MEMBERS

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**Sergio De Los Reyes**, Teng & Associates; **Lynda Dossey**, Studio/Gang Architects; **Jeannette Friehe Graziano**, G.O. Architectural Design Inc.; **Jeffrey Funke**, Solomon Cordwell Buenz & Associates; **Jeffrey Mason**, Antunovich Associates Inc.; **Thomas McGing**, STR Partners LLC Architects; **Ann Norman**, Randall Bees Architects Inc.; **Richard Olsen**, G.O. Architectural Design Inc.; **Philip Padawer**, Phillip Padawer Architect; **Douglas Pfeiffer**, Antunovich Associates Inc.; **Dale Roy**, The Bachman Partnership; **Gregory Stahler**, Cashman Stahler Group; **Marc Trudeau**, Marc Trudeau Architect; **Russell Williams**

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**Whitney Evans**, **Osnat Gafni**, LCM Architects; **Betsy Heneghan**, Klein & Hoffman Inc.; **Simon Juska**, DMJMHN Chicago; **Darunee Senal**, LCM Architects; **Seung Woo**, Gensler

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Submit announcements to **Laurie Petersen**, Focus editor, at [petersenl@aiachicago.org](mailto:petersenl@aiachicago.org) or AIA Chicago, 1049 Merchandise Mart, Chicago, IL 60654; 312/670-2422 (fax).



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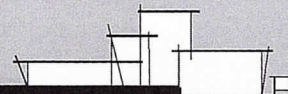
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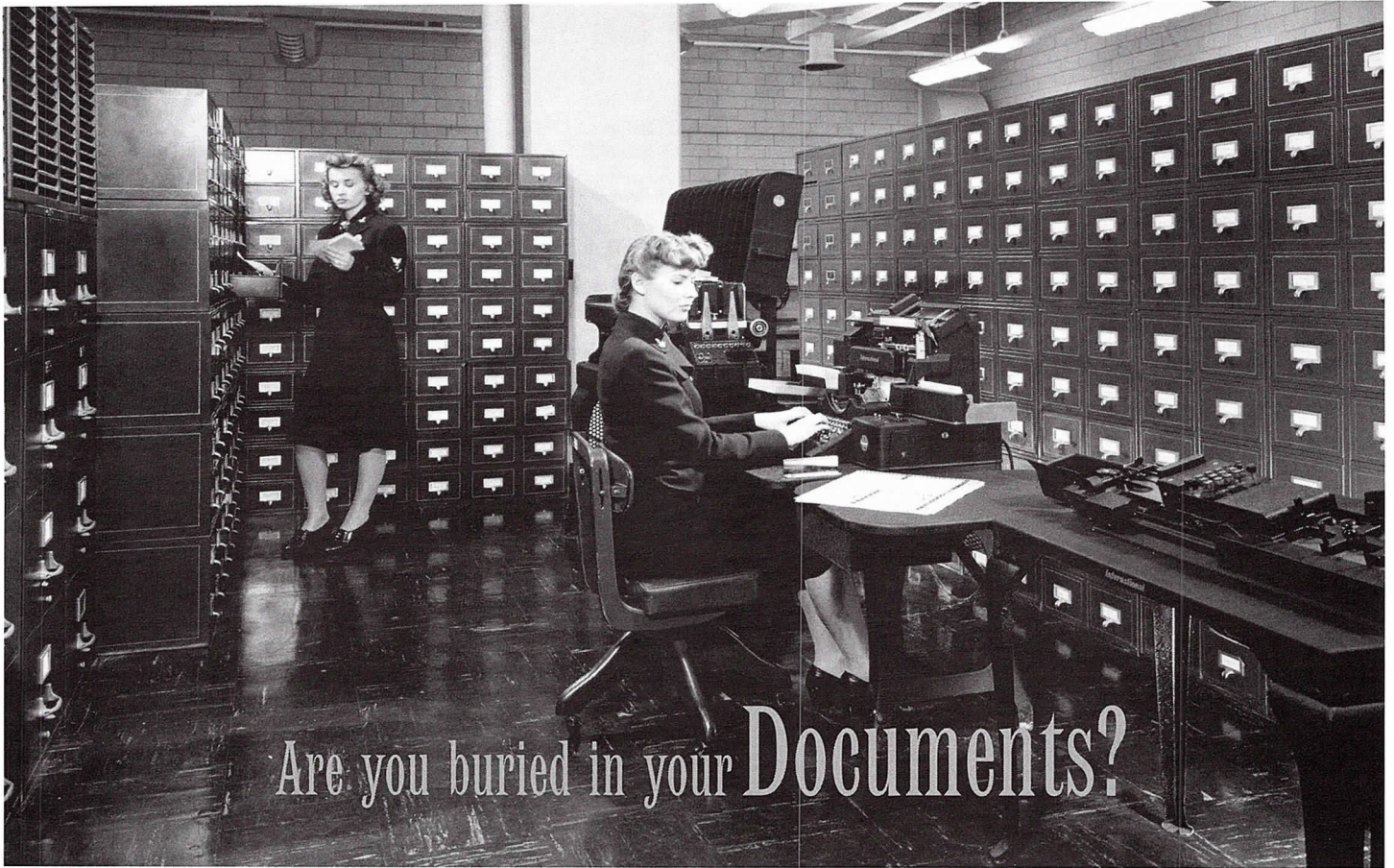
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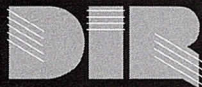
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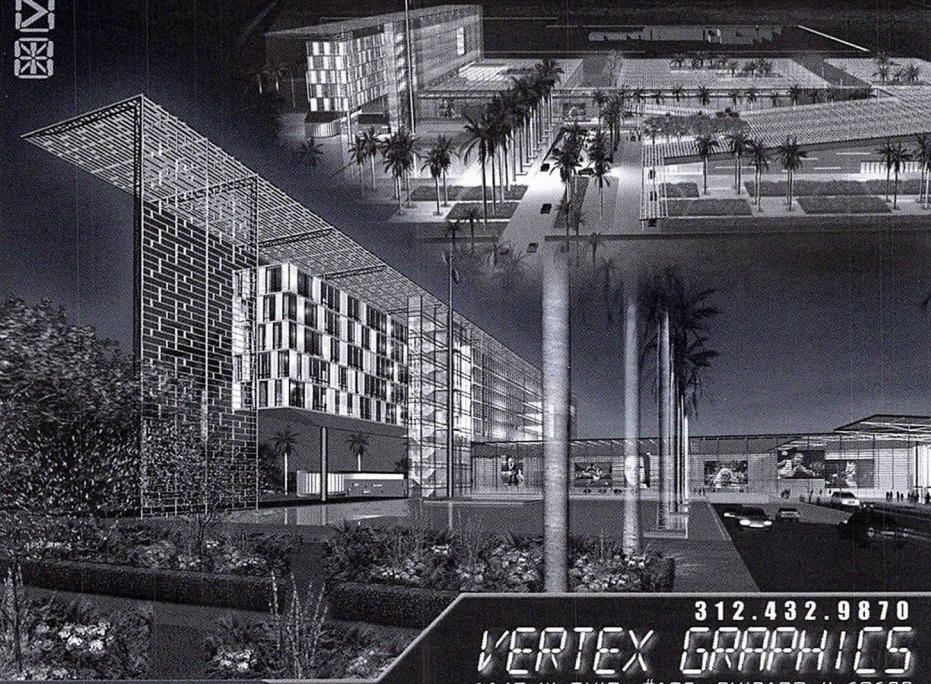
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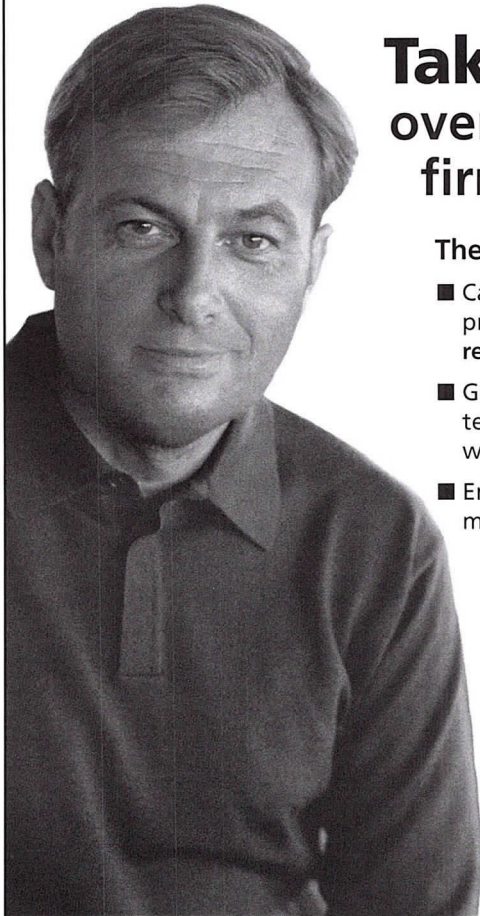
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- 29 Conference: Green Roofs for Healthy Cities.** Sponsor: Environment PIA. Thurs. and Fri., May 29-30; Congress Plaza Hotel. Co-hosted by the City of Chicago Information: [www.greenroofs.ca](http://www.greenroofs.ca).  
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