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AIA Wisconsin
A Society of the American Institute of Architects

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WISCONSIN ARCHITECT (ISSN 1083-9178) serves the design and construction industry in Wisconsin with circulation to Architects, Engineers, General Contractors, Business and Interior Designers, Landscape Architects, Certified Planners, Developers, Specifiers, Construction Managers, Facilities Managers, Builders, Manufacturers and Suppliers. Wisconsin Architect is the official publication of AIA Wisconsin, A Society of The American Institute of Architects, and is published bimonthly by Wisconsin Architect, Inc. © Copyright 2001 Wisconsin Architect, Inc. All rights reserved. This issue or any part thereof may not be reproduced in any form without written permission of the publisher.
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This issue of *Wisconsin Architect* includes a special insert featuring the seven projects selected to receive 2001 AIA Wisconsin Design Awards. A distinguished jury of three architects from outside of Wisconsin selected the seven award-winning projects from a total of 68 building projects submitted by AIA Wisconsin members. Members of the 2001 Design Awards jury were: David Brininstool, AIA, with Brininstool + Lynch, Ltd., Chicago, Illinois; Heather Willson Cass, FAIA, with Cass & Associates Architects, P.C., Washington DC; and Julie Snow, FAIA, with Julie Snow Architects, Inc., Minneapolis, Minnesota.

This year's award-winning architecture highlights thoughtful and innovative design solutions for diverse types of buildings by architects who are members of AIA Wisconsin. The buildings recognized this year include a building for a collector set into a hillside overlooking a river valley, a modest private residence that quietly finds its place among surrounding farm buildings, a new state-of-the-art university research tower, an urban infill community living project, a museum addition to house live butterflies and plants, a comprehensive community hospital and a pedestrian bridge joining two historic buildings.

Congratulations to all the participants in the 2001 Design Awards program! Once again, the projects submitted this year are excellent examples of the work by Wisconsin architects in collaboration with their clients and building team.

Mark J. Kruser, AIA
James G. Rasche, AIA
Katherine A. Schnuck, AIA
Chairs, Design Awards Committee
The 2001 AIA Wisconsin Fall Workshop, *Pixels and Pencils: Promises and Realities*, will focus on the impact of technology on architectural practice. The full-day conference on Friday, October 26, in Green Bay will help you survive today's dynamic and quickly changing practice environment, as well as take advantage of emerging opportunities.

This year's Fall Workshop features presentations on:
- Profiting in the Net Economy
- Design and Delivery in an Electronic World
- Project Collaboration Tools
- Emerging Technologies and New Services

Fall Workshop speakers will not only address how firms are effectively integrating technology in practice today, but also provide a glimpse of how new technologies are likely to impact the profession and your firm in the future.

Interactive panel and roundtable discussions will help you:
- Determine the value of available tools.
- Understand the business, legal and technical implications of sharing information electronically.
- Learn how emerging technologies may change what you do and how you do it.

Register for the Fall Workshop by October 15 and benefit from a special $25 early-bird discount. Participation is limited. AIA Architect members will earn six AIA/CES learning unit hours.

We are looking forward to seeing you at the KI Convention Center in Green Bay on Friday, October 26!
Connections influence our daily lives and how we conduct ourselves. Past and present successes, with direct and indirect connections, temper our future actions. Our relationships with clients, peers, family, society and the environment that surrounds us, along with the historical actions of those who went before us, are the basic elements of these connections.

The 70th annual AIA Wisconsin Convention & Expo, Parti'01: Connections, offered an exploration of these connections in their historical, present and future context. Individuals had the opportunity to renew connections with the profession and peers.

This year's state conference examined the profession and rekindled excitement about architecture. The program offered a variety of speakers, seminars and special events designed to enlighten, educate and inspire.

In his featured keynote address, William Browning shared his insights on the connection between the built and natural environments. He discussed the significant opportunities to improve environmental performance, productivity and the bottom line.

In his keynote address, award-winning architect William Bruder shared his firm's work and passion for sculptural architecture as a natural connection between people and place.

Keynote speaker William Bruder with member William Wenzler, AIA.

Parti'01 also offered informative and interactive professional development seminars focusing on design, practice and technology issues.

AIA members also earned valuable learning unit hours as a part of the AIA Continuing Education System.

The Building Products Expo featured the latest products and services available to Wisconsin's design and construction industry. Exhibitor-sponsored "Expo Education Program" sessions allowed architects and allied professionals to gather the latest information on new technologies in the booths of AIA/CES providers.

The Parti'01 Convention Committee was chaired by Joe Powelka, AIA. The following individuals contributed their time, creativity and energy to assemble the program for Parti'01: Teri Bisswurm, Patrick J. Conway, AIA, William N. Danuser, Assoc. AIA, James L. Fryk, AIA, A. James Gersich, AIA, Joseph F. Kopecky, AIA, Allan R. Krueger, AIA, David H. Lehman, AIA, Richard F. Maleniak, AIA, Linda B. Page, Assoc. AIA, Mark M. Smith, Assoc. AIA, Edward A. Solner, AIA, Michael Topczewski, AIA, Judy Valdes, Noel Valdes, Abby V. Vogen, Paul W. Wagner, AIA, Walter L. Wilson, AIA, Del F. Wilson, AIA and Leonard R. Witke, AIA.

The graphic design for promotional materials was created by Jason Londerville, a student at Madison Area Technical College, instructed by Joann Hayes.

A big "thank you" also is in order for the following Convention sponsors whose generous support made the many special Parti'01 programs possible:

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**Parti'02**

The 2002 AIA Wisconsin Convention & Building Products Expo is scheduled for May 1 & 2, 2002, at the Monona Terrace Convention Center in Madison, Wisconsin.
Expo Hall & Booth Awards
Congratulations to the winners of the Parti’01 Expo Booth Awards! The jury of AIA Wisconsin members selected a first place, second place, third place and seven honorable mention award winners. The jury had the opportunity to tour the Expo Hall thanking the exhibitors for their participation in Parti’01. Over 1,000 design and construction industry professionals were able to discuss products and services available from and make connections with over 140 exhibitors. AIA Wisconsin extends its thanks to the Booth Award winners and all of the exhibiting companies for their significant contribution to the success of this year’s Convention.

Booth Awards were presented to:
1st Place
Carlcy Wood/Custom Metals
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3rd Place
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Best Block  Boldt Construction
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AIA Wisconsin, the state society of The American Institute of Architects, has recognized seven building projects for excellence in architectural design as part of the 2001 Design Awards program.

This year’s award-winning architecture highlights thoughtful and innovative design solutions for diverse types of buildings by architects who are members of AIA Wisconsin. The buildings recognized this year include a building for a collector set into a hillside overlooking a river valley, a modest private residence that quietly finds its place among surrounding farm buildings, a new state-of-the-art university research tower, an urban infill community living project, a museum addition to house live butterflies and plants, a comprehensive community hospital and a pedestrian bridge joining two historic buildings.

The annual Design Awards program represents the highest recognition given for excellence in architectural design by AIA Wisconsin. Honor Awards recognize overall design excellence. Merit Awards recognize excellence in particular aspects of architectural design.
University of Wisconsin Chemistry Building
Honor Award

Architect: Flad & Associates
Owner: State of Wisconsin, Department of Administration
Contractor: J.P. Cullen & Sons, Inc.
Location: Madison, Wisconsin

This research tower expansion marks a renewal point in the UW-Madison chemistry program's research and instructional facilities. Occupying most of a city block, the buildings house undergraduate and graduate organic and inorganic synthetic, analytical, basic research and physical chemistry labs. This state-of-the-art building provides new graduate research labs and support space, an instrument center and imaging facilities.

Jury Comment

"By modulating the scale of the original building, the architect has addressed pedestrians with a more human scale. It is precisely detailed, without becoming formulaic. It has a beautiful massing, with textural quality."
Building for a Collector
Honor Award

Architect:
KEE Architecture, Inc.

Owner:
Private Owner

Contractor:
A & N Construction

Location:
Southern Wisconsin

This outbuilding houses a varied and evolving historical collection of motorcycles, music machines, boats, fishing equipment, Native American artifacts and vintage toys and tools. Open loft spaces on the upper floor house the collection. A restoration workshop is on the ground floor. Collections accumulate over time, are sorted, organized and displayed, then are put away and forgotten, to be rediscovered later. The structurally expressive space of the timber frame and the use of traditional construction materials and techniques contribute to a sense of memory and discovery.

Jury Comment

"The project is very sophisticated in its use of materials. It has a combination of rough stone and plaster to create the suggestion of a humble building, with particular evocative details in a fairly large structure. It is a very artful, beautiful building. The most interesting and intriguing typology is the idea that someone would create a collection and then create a building around it that is as interesting as the collection."

AIA Wisconsin Design Awards
Champion Residence
Honor Award

Architect: Vetter Denk Architects  
Owner: Jack & Jana Champion  
Contractor: RP Custom Homes  
Location: Hartford, Wisconsin

Nestled into the hillside by an exposed concrete wall, the house is barely visible from the road, except for an 80-foot clerestory band of windows that creates a sliver of light when illuminated in the evening. In contrast, the front of the long narrow plan opens to sunlight and views along the entire length of its southern exposure. This modest building takes advantage of the natural vistas and remains unobtrusive to the landscape.

Jury Comment

"This is an elegant project. Its insertion and integration into the landscape is great. It works so well in a pretty amazing way that it looks inevitable it would be there. It is like a rural loft–flexible and open. The kitchen is beautiful. The project's siting is obvious, but yet artful. It includes wonderful details and uses the entire space beautifully."

Photography: Scott Paulus
Merit Award

Architect: Design Coalition, Inc.
Owner: Village Cohousing LLC
Contractor: Krupp Construction Co.
Location: Madison, Wisconsin

This is an urban infill project for community living. The fabric of the design solution—the space-efficient site and dwelling unit layouts, the ecologically-conscious materials used, the energy-efficient mechanicals, the climate-aware architectural form, the many community-oriented spaces—reflects the consensus of the resident-developers to create a custom-built neighborhood. This highly collaborative project included nine years of meetings and scores of site reviews. A half city block was chosen for this densely populated cohousing project.

Jury Comment

"This project has very innovative programming and is carefully inserted into the neighborhood. The architect created incredible density and still created simple, useable housing that creates a sense of community, which is commendable. There is wonderful attention to scale that creates a new high-density urban fabric. The architect maintained residential scale."

Photography: Lou Host-Jablonski, AIA & Roger Smith

Nine Unit Building — First Floor
Village Cohousing --- Madison, Wisconsin
Mercy Medical Center

Merit Award

Architect
Hammel Green & Abrahamson, Inc.

Owner:
Ministry Healthcare

Contractor:
CR Meyer and Sons Company

Location:
Oshkosh, Wisconsin

This new facility responds to the changing demographics of the region, the strong influx of managed care and the owner’s desire to improve the integration of physicians into the healthcare delivery process. The facility is a medical center and a physician’s office building. As a comprehensive community hospital, it is designed around an emphasis on customer convenience and family involvement. The site was developed to enhance views of the areas east of the facility that include small ponds and an active creek. The sloping site allows multiple levels for entries into the building and provides all outpatient services with the convenience of an on-grade entrance.

Jury Comment

“This project handled a difficult program very well. It reflects a corporate expression of medical practice. The massing and landscaping help mitigate its scale. It announces entrances well. Wayfinding is greatly enhanced by the tower entrances that provide clarity. It appears that interior finishes and light help to make the spaces more intimate.”
Puelicher Butterfly Vivarium

Merit Award

Owner: Milwaukee Public Museum
Contractor: C.G. Schmidt Construction
Location: Milwaukee, Wisconsin

Designed and built to house a permanent exhibition of live South American butterflies and plants, the Puelicher Butterfly Vivarium is an addition to the existing 1959 Milwaukee Public Museum building. Fronting on one of downtown Milwaukee’s busiest streets, the addition used the 40-foot setback of the original structure to build out to the property line and create a new pedestrian friendly street edge.

Jury Comment

“It has a good street presence. It fits well. It provides a nice break and is still integrated with the existing building. The double envelope technology is well executed. The technology and detailing of the wall to protect the fragile butterflies is well done.”
Harley-Davidson Bridge

Architect: The Kubala Washatko Architects, Inc.
Owner: Harley-Davidson Motor Company
Contractor: Hunzinger Construction Co.
Location: Milwaukee, Wisconsin

This pedestrian bridge is a unifying element for two large historic brick buildings. The steel and glass of the seventy-five-foot bridge, while providing a needed visual contrast to the brick, also reflect and reinforce the mantra of this company—authenticity—as it bridges a heavily utilized road below. The challenge of adapting and renovating the factory buildings into office space required the creation of a bridge in both a literal and figurative sense. Another unique requirement is that this is a National Historic site; and the bridge, while being sensitive to the structures, must be obvious as a later addition to the buildings.

Jury Comment

"The structure is as big and beefy as any 'hog.' It does a great job of bringing together two brawny industrial loft buildings with a strong industrial element compliant to a delicate definition. The specification of industrial material fits the setting."
The 2001 AIA Wisconsin Design Awards were presented to the architects, building owners and general contractors at a special awards ceremony in May at the Monona Terrace Community and Convention Center in Madison.

A distinguished jury of three architects from outside of Wisconsin selected the seven award-winning projects from a total of 68 building projects submitted by AIA Wisconsin members. Members of the 2001 Design Awards jury were: David Brininstool, AIA, with Brininstool + Lynch, Ltd., Chicago, Illinois; Heather Willson Cass, FAIA, with Cass & Associates Architects, P.C., Washington, DC; and Julie Snow, FAIA, with Julie Snow Architects, Inc., Minneapolis, Minnesota.

The co-chairs of AIA Wisconsin’s 47th annual Design Awards program were Mark Kruser, AIA, Middleton, James Rasche, AIA, Mequon, and Katherine Schnuck, AIA, Whitefish Bay.
The execution of a well-designed building requires the collaboration, inspiration and enthusiastic support of architect, owner and contractor. AIA Wisconsin congratulates this year’s Design Awards winners for their distinguished accomplishments in architecture.

AIA Wisconsin is a 1,400-member professional society representing architects in private practice, business, industry, government and education.

For more information on working with an architect, please contact AIA Wisconsin at (608) 257-8477.
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Be Passionate

I realize, as the 14th recipient of the Golden Award, that I’m in very good company, starting with Dave Lawson in 1986 and George Schuett last year. That makes it even more special . . . and makes me extra proud . . . to accept this honor.

Did you know of Frank Dropsho’s intensive investigation of the Golden Rectangle? That inspiration (originally from the Greeks) helped shape the design considerations, plus the extensive symbolism. Those aspects were then incorporated into the design solution for the award itself. It’s remarkably impressive and appropriate.

When I informed my two brothers of this award, one of them said, “It sounds like they have an Architectural Hall of Fame in Wisconsin.” Wait until he sees this award!

I decided to be an architect when I was 12 years old, in the eighth grade. My father not only couldn’t pronounce it—he said, “Arch-chi-tetch”—but, wasn’t sure what it was. He just said, “If that’s what you want, it’s okay.” In the meantime, my knowledgeable mother got very excited and still is. So, after high school in Fairmont Minnesota and over three years in Uncle Sam’s Navy, I proceeded to attend the University of Minnesota in the Twin Cities and Iowa State University in Ames Iowa—where I earned my Bachelor of Architecture degree, then a five-year program. I moved to the Minneapolis/St. Paul and I worked with three different firms. I then moved to the La Crosse area, where I have spent over 36 years. All of that time, until recently when I retired, was spent with HSR & Associates.

I owe an incredible debt to HSR. They provided me with countless opportunities and, then, tolerated my leadership. I’m very grateful for that.

AIA Wisconsin, in fact, the architectural profession in our entire state, has definitely affected me. As I said, there are so many outstanding architects and firms in Wisconsin.

During my career, one special person has been very supportive, understanding and patient. My wife, Pat who was always there and still is. She’s joined today by my daughter, Kristin and grandson, Alexander, along with some very good friends from La Crosse, Bob and Jean Marck. I’m sure all of us agree that there are some very important people in our lives. And, their support is vital!

My 40-year career is still going. In fact, to help me maintain an active life, my wife and I have joined a fitness program that meets at 5:30 a.m., three-times a week at UW-La Crosse. People ages 45 to 85 walk, run, lift weights, swim and exercise during this time. After our local newspaper published my photo with an announcement of the Golden Award, one of the older members and obituary-readers said, “Aren’t you lucky? You got your picture in the paper and you aren’t even dead yet!”

As a strong advocate, it’s occurred to me and I know it’s probably very obvious to us, yet, it makes me wonder:

• Do you realize that architects can somewhat routinely visualize three dimensions? I don’t think enough of the public knows that.

• Do you realize that architects can assimilate diverse facts and information into a cohesive whole or basis for effective design? I don’t think enough of the public knows that.

• Do you realize that most all of what architects create is considered awesome by most people and, very often, also falls into the arena of art? I don’t think enough of the public understands or appreciates that.
In fact, most everything architects touch, in Wisconsin and elsewhere, enhances a certain spirit or feeling for that public and makes your efforts so very important.

Also, I have noticed something missing in our profession. It has to be one of the very few professions that operates so independently and is comprised of such dedicated, adamant individualists... a bunch of islands.

That is, we tend not to work together very well or very often. Competition, of course, has a lot to do with it, plus that independent frame-of-mind and philosophical outlook. We’ve been groomed that way.

Yet, I believe that going our separate ways, in effect, leads to too much secrecy and not enough sharing or working together to compound our expertise. So, I think we’re missing some opportunities to further strengthen our profession; and it could be dramatic!

Finally, to encourage public awareness for these wondrous architectural talents, I’ve been involved with many organizations, boards, task forces, committees—both public and private roles—the AIA and now, a state regulatory board for architects in Wisconsin. I bring this up because I’ve seen extensive involvement achieve near-miraculous results and provide excellent PR for us.

So, I strongly suggest that you, if you’re not already, get involved in your community, in politics and, certainly in the AIA. Believe me, you really can make things happen and be noticeable as an architect and as a member of this wonderful profession. You’ll be amazed!

Be passionate! In fact, I would like to dedicate this award to passionate, practitioners of architecture.

EDITOR: This article was developed from comments presented by Roger D. Roslansy, AIA, in accepting the 2001 Golden Award at the 2001 AIA Wisconsin Convention.
Storm Water Management
Not Engineering

Detention, retention and absorption are the main methods used to control storm water run off. By regulatory mandate most developments do a combination of all three of these techniques with detention and retention being the predominant methods used for storm water management. The consequence of this is that as there is more development creating more impervious surfaces, the amount of run off into a region's storm water system increases exponentially eventually over taxing its capacity to manage its flow.

A prime example of this is the Milwaukee Metropolitan Sewage District's losing battle of not discharging raw sewage into Lake Michigan. Completion of the Deep Tunnel Project in 1994 was intended to solve the problem of dumping raw sewage by holding 405 gallons of storm water run off. Since its inception development has continued in the City of Milwaukee and surrounding communities, consequently the amount of run off generated from these communities has outpaced the capacity of the system to retain storm water run off. Many proposals have been put forth to alleviate this problem such as flood control projects on rivers and streams, building additional storage capacity below the Milwaukee County Grounds and eliminating the vast network of combined sewers that exist below the City's streets.

Development is going to continue. Until designers, developers, builders and governing bodies in the region's served by the Milwaukee Metropolitan Sewage District take an active role in promoting development that impacts storm water run off in an environmentally positive way rather than relying on purely engineered systems, altering stream beds, creating additional capacity and changing out existing sewer systems are at best going to be a stop gap measure.

There is an alternative.

On a parcel of land in western Lake County, Illinois a commercial development is being planned where environmentally sensitive storm water management is an integral part of the designer's palette. Recognizing the need for high quality healthcare services in the growing Lake County region, Lake Forest Hospital has moved forward to develop a plan for a comprehensive health and wellness campus in the Village of Grayslake, Illinois.

The Hospital's Vision Statement states: "The campus will be physically inviting with a sense of healing and will promote a healthy lifestyle."

With this vision they purchased 44 acres of land on the south side of Route 120 between Harris Road and Route 45 that was part of the environmentally progressive Prairie Crossing residential development. The site's existing features are made up of a mixture of fallow lands, well-defined hedgerows, scattered woods and
moderate quality wetlands that had periodically been farmed for years.

From the outset, the objective of the site’s design was to create an environmentally sensitive landscape that would complement the adjacent Prairie Crossing conservation development. The design of the site was a collaborative effort involving the architect (Plunkett Raysich Architects), landscape architect (Thompson Dyke Associates), environmental consultant (Applied Ecological Services), civil engineer (Bleck Engineering), governmental agencies and an owner with the foresight to bring all of these parties together.

From 1861 until 1993 the property had been drained and intensively farmed. Agricultural activity was abandoned around 1993 at which time collapsed drain tiles allowed low areas on the land to revert back to wetlands. In total, nine "jurisdictional wetlands" cover 7.56 acres of the site.

Wetland determination was done by on site investigation, reviewing wetland inventory maps and aerial photography and analysis of hydrophytic vegetation, wetland hydrology and hydric soils.

Once the extent of the existing wetlands was determined, a combination of strategies involving wetland avoidance and on-site and off-site mitigation were utilized in planning the total site development. A variety of planning schemes were developed and evaluated. The final design maximizes the amount of total development upward of 256,000 square feet of building space and 736 parking spaces. Of the 7.56 acres of existing wetlands, only 2.25 acres will need to be mitigated off-site at a 1.5:1 ratio in a created wetland area that is being established on the adjacent Prairie Crossing development.

A common development approach is to eliminate as much wetland as possible and relegate detention ponds to the least desirable parts of the site where they are treated as featureless, engineered holding areas.

However, at the Grayslake Lake Forest Hospital site buildings, roads and parking lots are planned to be located to enhance and avoid as many of the existing wetlands as possible. Unlike most development strategies that treat wetlands and storm water management as an encumbrance, this development embraces the wetlands and uses the diversion and detention of water runoff as an integral part of the campus plan.

Where runoff occurs from roads and parking lots, "water-quality wetlands" are created to treat and slowly convey water through a series of swales. These areas are designed to "biofilter" the water as it flows through native grasses and forbs and to replenish the water supply in the wetlands. In this development the sea of asphalt that has come to characterize suburban development has been abandoned in favor of smaller segmented parking lots.

This approach provides more opportunity for water infiltration between parking areas than does a single uninterrupted parking lot. Conventional parking lots capture water in catch basins and divert it via storm sewers. This stops rainwater from soaking into the ground and prevents storm water infiltration into groundwater supplies. Parking lot islands are traditionally mounded which promotes faster run off and less infiltration. In contrast, at the Lake Forest Hospital site, catch basins are planned to be kept to a minimum and parking islands are designed to be concave in shape to capture, divert and biofilter run off. This approach will promote infiltration and enhanced water quality and reduce the amount of on-site detention needed — an approach, incidentally, that is more economical than conventionally engineered storm sewer and catch basin systems.

Rather than fight over the regulatory requirements for mitigation of the wetlands and storm water management requirements, the design team saw the restrictions caused by the wetlands and storm water treatment needs as an opportunity to design a site that balances the maximum development potential in an environmentally responsible manner.

By choosing locations for buildings, roads and parking areas that disturb as little of the existing wetlands as possible and by managing storm water runoff through natural systems, the design team has created a development which rests comfortably within its existing environs rather than forcing itself on the land.

EDITOR: The author is an architect with Plunkett Raysich Architects, Milwaukee.

Credits
Owner: Lake Forest Hospital
Architect: Plunkett Raysich Architects
Landscape Architect: Thompson Dyke Associates
Civil Engineer: Bleck Engineering Co.
Environmental Consultant: Applied Ecological Services
Engineering: Arnold & O'Sheridan
Fall Workshop
The 2001 AIA Wisconsin Fall Workshop, *Pencds and Pixels: Promises and Realities* will focus on the impact of technology on architectural practice. The full-day conference will be held on Friday, October 26, at the KI Convention Center in downtown Green Bay.

This year’s Fall Workshop will feature presentations on profiting in the net economy, design and delivery in an electronic world, project collaboration tools and emerging technologies for facilities management services. In addition, interactive panel and roundtable discussions will help you determine the value of currently available tools, understand the business, legal and technical implications of sharing information electronically, learn how architects are effectively integrating new technology in their practices and gain a greater appreciation of how emerging technologies may change what you do and how you do it.

In developing the program for the Fall Workshop planning committee identified speakers who could not only address how technology is affecting architectural practice today, but also provide a glimpse of how new technologies are likely to impact firms in the future. The Fall Workshop will provide practical information on how architects currently are using technology to improve practice and expand services, as well as enable architects to explore the strategic implications of future technological innovations.

In his opening session on “Architecture as eBusiness: Profiting in the Net Economy,” Paul Doherty, AIA, will expose the framework, rules and tools that will enable you and your firm to survive in today’s economy. An architect, author and managing partner of Clearbuilt Technologies, an information technology design-build firm based in Atlanta with offices in Memphis, Melbourne and Hong Kong, Doherty is one of the industry’s most sought after lead consultants and integrators of information technology and the net economy. He will explain how to apply the principals of eBusiness to your practice, explore the cultural and technological challenges you will face and provide cost saving data you can use to implement these strategies.

Michael Ingardia, in his presentation on “Design & Delivery in an Electronic World,” will address the practical liability implications of creating and sharing design and other project-related information electronically. Ingardia is a professional engineer, author and president of Systems Management Consultants in Overland Park, Kansas. Using real-life examples, you’ll learn practical management, client relations and contract negotiation tips and techniques to help you successfully navigate the new electronic world of practice and effectively manage the potential risks and professional liability.

Rapid developments in technology have enabled architects to collaborate in ways once considered science fiction. In his session on “Project Collaboration Tools,” Tomas Hernandez, AIA, will demonstrate how you can use Web-based project portals, project sites, software and other services to effectively organize project communications and enhance efficiency. An architect and frequent author of articles on computers in the design and construction industry, Hernandez recently accepted the position of chief information officer with Swanke Hayden Connell Architects in New York, having previously been the associate principal in charge of all computer operations at Kohn Pedersen Fox.

New computer technologies have created opportunities for architects to offer clients new services, especially in the facilities management arena.
Alan Edgar, in his session “Emerging Technologies & New Services,” will discuss the positive implications for architects of the total asset management (TAM) framework and review specific services that empower clients and offer greater perceived value. Based in Indiana, Edgar is vice president and senior project manager with Graphic Systems, Inc., and specializes in consulting on the assessment and implementation of computer-aided facility management solutions. He has been working with the Architect of the Capitol in Washington DC for over three years on the implementation of an integrated facilities information management system for Capitol Hill.

David Zach, one of the few professionally trained futurists in the US, will moderate a panel discussion and facilitate an interactive roundtable brainstorming session to allow participants to sort through the technology issues explored by the featured Fall Workshop speakers and identify their impact on the profession and your practice. Zach is the founder of Innovative Futures in Milwaukee. As a futurist, he helps businesses, schools and associations understand the personal and professional impact of strategic trends.

Additional information on the 2001 Fall Workshop, including registration materials, will be mailed to AIA Wisconsin members. Reserve Friday, October 26, and register early for Pencils and Pixels: Promises and Realities in Green Bay.

State Budget
The Legislature has approved a $47 billion state budget for the 2001-03 biennium and passed it on to the Governor for his review, possible line-item vetoes and approval.

The good news is that the budget does not include a cap on state aid for school construction projects nor the elimination of the Percent for Art program. The Assembly budget proposed limiting the amount of referenda-approved school district debt levy eligible for state school aid and eliminating funding for the Percent for Art program.

The not-so-good news is that the budget does not include a sales tax exemption for materials used in school construction projects. The Assembly had proposed such a sales tax exemption effective January 1, 2003. AIA Wisconsin supported the exemption.

In addition, the Legislature reduced and adjusted the state building program recommended by the State Building Commission and Governor.

State Government Network
State government affairs leaders from across the country met in Austin, Texas, in June as part of the AIA State Government Network (SGN). Issues discussed included licensing, unlicensed practice, building codes, copyright law, digital signatures, brownfields revitalization and government outsourcing for professional services. The SGN includes AIA representatives from every state and shares information on legislation affecting architectural practice.

Unlicensed Practice
When new telephone directories are published, members often contact the AIA Wisconsin office with questions about individuals and companies listing themselves under the “Architects” heading in the Yellow Pages.

AIA Wisconsin checks with the Department of Regulation & Licensing regarding the credentials of these individuals and companies. If they are not appropriately licensed as an architect or have a certificate of authorization to provide architectural services to the public, AIA Wisconsin advises them of the following Wisconsin Statutes that govern the practice of architecture and the use of the title “architect” and derivative terms

- Sections 443.02(2) and 443.02(3) prohibit a person who is not licensed as an architect from practicing architecture, offering to practice architecture, using any title or description tending to convey the impression that it is engaged in the practice of architecture unless is has been issued a certificate of authorization from the Wisconsin Department of Regulation & Licensing. This section also states that no firm, partnership or corporation may advertise or offer to furnish architectural services unless it has been issued a certificate of authorization. This certificate requires the firm, partnership or corporation to have a registered architect in its employment.

In most cases, the unlicensed person or company indicate that they were not aware of the statutory requirements and agree to cease and desist from conveying the impression they are an architect or are able to provide architectural services. If they don’t, AIA Wisconsin submits a written complaint to the division of enforcement at Regulation & Licensing.

Every architect has a professional responsibility to educate the public about what’s required before you can call yourself an architect and to not aid or abet unlicensed practice. This includes the inappropriate use of the title “architect” by uncredentialed persons who may be recent architecture school graduates or working towards licensure as an intern.

NCARB Meeting
The National Council of Architectural Registration Boards (NCARB) held its annual meeting in Seattle in late June. The meeting featured presentations on the new electronic exam format, how architects, licensing boards and building officials can work together to protect the public better, and an historic accord with the Czech Republic.

Composed of the 50 state architectural registration boards and the boards of the District of Columbia and four U.S. territories, NCARB’s mission is to
safeguard the health, safety and welfare of the public as well as to assist member boards in carrying out their duties. One of its primary tasks is the development of the national Architect Registration Examination.

During the meeting, NCARB approved several resolutions that are of importance to the AIA. The first resolution amended NCARB’s Model Law in support of “professional development as a condition for registration renewal.” This aligns NCARB with the AIA, which is currently in the process of amending its public policies to be proactive in endorsing continuing education for licensure. The AIA already requires members to complete education for renewal of AIA membership. Delegates also voted to simplify the licensure process for “broadly experienced architects.”

High School Competition
Paul Grezeszczak, AIA, Madison, reports the following results of the 2001 AIA Southwest Wisconsin “High School Design Competition.” Zach Duesler, a Middleton High School senior, was awarded first place, which includes a $250 scholarship. Sponsors included MasterGraphics and Cooks Reprographics. Twenty-four final entries were submitted from participating schools: Madison West, Madison Memorial, Waunakee, McFarland and Middleton. The eight-week design completion was titled “The Parking Lot Project” and required students to provide a design solution for a multi-use building situated on four 9’x18’ parking stalls in a typical mega-mall parking lot. Duesler’s winning design was a three-story building with internet kiosks, a Krispy-Kreme® donut shop and food court with a drive-up window. Competitors were required to submit floorplans, building elevations, section drawings and a physical model of the structure. Duesler will be attending UW Milwaukee this fall to study architecture.

Other finalists included second place—Todd Soukup, Madison Memorial, third place—Jason Washa, McFarland, honorable mention—Kennen Pfiughoef, McFarland and Ashley Cyr and Elise Renwick of Waunakee.

State Capitol Exhibit
The Wisconsin Architects Foundation exhibit of State Capitol photographs is now on display in the Rock County Courthouse in Janesville. This attractive traveling exhibit on the Wisconsin State Capitol also is available for display in your community. You can help increase public awareness of architecture by hosting the exhibit at your local library, municipal building, courthouse or other public venue. Contact the AIA Wisconsin office for details.

Sad News
AIA Wisconsin recently lost two outstanding members.

Nathan W. Sample III, FAIA, Middleton, passed away in mid-July at age 83. A hard-working member of the AIA, Nat began his architecture career in 1946 in Chicago after serving as an officer on anti-submarine ships in the Caribbean and the Pacific and completing his degree at the Illinois Institute of Technology. After moving to Madison in 1947, Nat practiced architecture in the offices of Weiler and Strang and John Flad and Associates, becoming a partner at Weiler and Strang. His private residential design won a Design Award from AIA Wisconsin in 1954. He formed the firm Sample/Mullins in 1964 and, in 1968, founded Sample and Potter with Ross Potter, AIA. Over his long career with these firms, Nat collaborated on a wide variety of public and private buildings. Sample & Potter won a national competition in 1970 to redesign and expand the Chicago Public Library.

Nat served as President of AIA Wisconsin in 1971. He also served on the Board of the Wisconsin Architects Foundation. He was instrumental in establishing the first School of Architecture in Wisconsin at UW-Milwaukee. The AIA Wisconsin Board of Directors has recognized his unselfish contributions through his liaison and legislative work. In 1974, he was honored by being advanced to the College of Fellows of the AIA. In 1992, he was presented the AIA Wisconsin Golden Award, the highest honor bestowed on a member.

After his retirement in 1983, Nat kept busy with restoration projects, including the historic Stoner House in Madison for the Wisconsin Architects Foundation and AIA Wisconsin, the Unitarian Meeting House in Shorewood Hills, the Urban League offices and his own residence. Nat was appointed to the Dane County Regional Plan Commission and served from 1979 to 1984. Throughout his life, Nat had a positive outlook and appreciated grace and beauty. Survived by his wife of 56 years, Virginia, three daughters and 11 grandchildren, Nat will be remembered as a good friend to the profession and his many colleagues in Wisconsin.

George H. Blaustein Sr., AIA, Racine, passed away in late February at age 55. George attended Princeton University and graduated Magna Cum Laude from Syracuse University. He joined AIA Wisconsin in 1979 after becoming registered. George was passionate about both his family and the preservation of architectural treasures. He saved and moved an historic 1925 Tudor Revival and made it his family home. Active in his community, George was Preservation Racine’s program chairman in 1980. From 1989 to 1995, George served as chairman of the Racine Landmarks Commission. He is survived by his wife Deborah, two daughters, a son, countless friends and many saved historic treasures.

People & Places
Warren G. Olsen, AIA, Verona, has been approved for Emeritus membership in The American Institute of Architects. Congratulations!
From The President

Our 13th Annual “Excellence In Masonry” Awards Breakfast took place May 3rd during the AIA-Wisconsin Convention. We had our best attendance ever. Dave Jenkyns of NOVA COMMUNICATIONS produced a video incorporating a ‘movie theme’ to beautifully showcase this year’s award winners. In addition, NOVA developed and WCMA members welcomed AIA-Wisconsin attendees to our ‘movie theater’ booth in the Exhibition Hall. (We were proud to receive Honorable Mention in AIA-Wisconsin’s booth competition!) Thanks to all who joined us at the breakfast or spent time visiting our booth. It was good to see so many friendly faces.

It is important to note that this year’s, Maynard W. Meyer “Excellence In Masonry” “Best of Show” Award and an “Excellence” Award are residences. These two projects offer wonderful examples of truly creative employment of concrete masonry. Residential construction, comprised of concrete masonry, is increasing through the U.S. and these two award winners show why. If you are looking for a dramatic school, look no further than Winkler School in Waterford, another Maynard W. Meyer “Excellence” Award winner.

We also introduced a well-received new category, “Beyond the Block,” to bring increased awareness to concrete landscape products and applications. Hardscape products such as retaining walls and paver walkways are increasing in popularity each year. Concrete hardscape products, manufactured by several of our producer members, offer a dramatic range of shapes, textures, sizes, colors and unparalleled design flexibility.

Want to see our winners in this year’s competition? Simply go to our website: www.concretemasonry.org. In addition to showcasing the talents of Wisconsin architects, you will find useful information and links to masonry related sites. I would also like to thank all our sponsors for making our website possible. They, too, are linked to our site.

Enjoy your summer!

Paul Wank
President
Wisconsin Concrete Masonry Association

In Memory of Walter “Wally” Weber

Wally Weber passed away suddenly on June 4, 2001. Wally owned and operated Appleton Concrete Products from 1946 to 1972. At that time, it merged with Bend Industries. In 1982, Wally retired. He was a straightforward, honest man who took pride in his work, enjoyed associating with all his employees and was blessed with a wonderful sense of humor. If you had a moment, Wally had a story to tell and a glint in his eye.

Wally will be deeply missed by his wife, Myra; daughters Judit (Don) Unger, Minnetonka, MN, and Marian (Robert) Ferrel, Greensboro, NC; his son, James (Janet) Weber, Appleton, WI; nine grandchildren and 12 great-grandchildren; a sister, Maxine, and two brothers, Harold and Leo; associates and friends.

A memorial fund for the Salvation Army has been established.
WCMA has been blessed to have known and worked with Wally Weber. He will be missed by all.
BUILDING ACCORD REACHED, BUT ARE PROBLEMS OVERCOME?

In early May, after three months of negotiations between the Fire Services and Safety & Buildings, a compromise was reached on a Wisconsin version of the International Building & Fire Codes. This approved draft incorporates aspects of both the NFPA and the International Fire Codes, but could cause problems since buildings would be designed and constructed under the International Fire Code and fire officials would rely on the NFPA Code to inspect the use and maintenance of the same buildings.

This compromise, though satisfactory to the Fire Services and Safety & Buildings, might create some problems for designers. It is always a bit scary to design a building under one code and then have the building inspected by another code. Problems are bound to surface eventually under these conditions.

There are several other aspects of the Wisconsin version of the International Building & Fire Code that concern us from a design and/or cost standpoint. Why does Safety & Buildings feel we need an “At-Rest Condition” added to the IBC Table on Soil Lateral Loads? The only things that this will accomplish are to create extra problems in determining soil pressures for design and increase the cost of concrete and masonry foundations. If the adoption of an international code was simplicity and uniformity, why would Wisconsin want to make our foundation designs more stringent than those in high seismic design areas?

Speaking of seismic design, Wisconsin is fortunate to have very little chance of ever having an earthquake, much less one that causes building damage, yet the Wisconsin’s version of the IBC requires that buildings be designed for both wind and seismic. Minnesota took all mention of seismic design out of their code while Wisconsin increases the cost of design by requiring the design professional to design for both wind and seismic, when wind always controls in seismic design categories A and B. Incidentally, the IBC puts Wisconsin in seismic design category A.

Finally, we are concerned that the overall fire safety will be compromised when the Wisconsin version of the IBC is adopted. The IBC is a “blended” building code which uses the three major model building codes as its basis. The three model codes are not duplicates of each other and where these differences occur, the IBC handled these differences by using the least restrictive requirements. This approach means that Wisconsin will have fewer fire walls, and of a reduced quality, than the present Wisconsin Building Code.

As we have said many times before, we are in favor of having one building code for all areas of the country. This certainly would simplify building design and construction and would benefit all of us. We are very concerned, however, that the IBC in its present form, along with Wisconsin’s version which actually make it almost a separate code, is not the answer. Hopefully, these problems can be corrected before the Legislature approves the code in its present form.

Dick Walter, P.E./CAE
Executive Technical Director

take your photos, now!

Summer and early fall are great times to take photos of your projects to accompany “Excellence in Masonry” submissions. Judging is based on design excellence, creativity and functionality incorporating concrete masonry.

WCMA’s website www.concretemasonry.org offers a listing of helpful tips to achieve great competition photos. We invite you to look them over.

“Call for Entries” will be sent to AIA-Wisconsin members this fall and appear in the September/October issue of Wisconsin Architect.

Good luck!
Our judges appreciated the selection of proportional masonry elements to create both mass and a vertical feel as well as the color choices.
"The use of multiple textures sets off the elevations and enlivens them."
- Judge -

"Excellent use of glazed material."
- Judge -

Excellence

WINKLER ELEMENTARY SCHOOL
MADISON, WI

ARCHITECT:
PLUNKETT RAYSICH ARCHITECTS

GENERAL CONTRACTOR
& MASON CONTRACTOR:
SCHERRER CONSTRUCTION CO.

CMU Mfr:
WAUKESHA BLOCK COMPANY, INC.

"This building will look good thirty years from now!"
- Judge -
THE CONTRACT:
A COLLAGE OF MANY PARTS

One of the difficult (some would say frustrating) problems involved in understanding a building and construction contract is its use of numerous separate documents, some of which may not even be physically attached to the contract.

Typically, for example, there will be a basic agreement containing the main business terms, a standard form of “general conditions of the contract”, a set of job-specific supplementary conditions and separate plans and specifications. If a bond is required, that will be on a separate form. In public jobs and some private jobs there may also be a bidding notice, instructions to bidders, a bid form, and perhaps qualification statements. And many of the documents listed above will in turn contain references to other documents, such as arbitration or mediation rules, manufacturers’ literature, and testing standards.

To some extent, this profusion of cross references is unavoidable. From a lawyer’s standpoint, it would be ideal to have all of the terms included in a single document, so there is never a doubt what is included and what is not. But this would be costly, and would still leave a residue of possible conflicts and contradictions. And as a practical matter, experienced builders know how to find the provisions that affect them, and experienced managers and counsel know how to search out the relevant business and legal provisions. But problems may still arise.

As a general rule, “incorporation by reference” is valid. That means that if the underlying contract clearly lists the other documents that are part of the contract, those other documents become part of the contract. And this is true whether the incorporated documents are packaged elsewhere in the project manual or whether they are missing altogether, provided only that they are properly identified.

Unfortunately, the designations are often imperfect, and sometimes the incorporated documents may be ambiguous or in conflict. When this happens, here are some general principles adopted by case law in various states:

1. The safest situation for inclusion is to have the incorporated document specifically referred to in the contract and also printed as part of the project manual.

2. If the designation is clear and specific, the “incorporation by reference” will be successful, even if the document is not physically annexed. For example, standard American Institute of Architects’ documents are well enough known to pass this test, if identified by document number and year of publication.

3. Documents not yet in existence at the time the contract is written may be successfully incorporated by reference, but this requires some affirmative action later to adopt the referenced documents. The adoption should be accomplished in writing, if feasible.

4. Technical terms are more readily incorporated into the contract than business or legal terms, especially when the intention of the parties is unclear as to the business or legal terms. For example, suppose there is a mandatory arbitration clause in the contract between the owner and the general contractor. Does that clause automatically “flow down” and require the general contractor and subcontractor to arbitrate their disputes, in the absence of a

continued on next page
Your Patronization of WCMA Producer, Affiliate and Associate Members is appreciated!

separate arbitration clause in their agreement? Courts in the various states disagree on this and similar questions.

5. If a document that is incorporated by reference itself incorporates other documents, a court may look more skeptically at whether the “double incorporation” is valid, and even more so if the incorporation is more remote.

6. Conflicts in language between the incorporated documents are difficult to resolve and involve a laundry list of legal principles and presumptions.

Admittedly, it is not practical to try to by-pass the “incorporation by reference” issue by rewriting every contract term into a single document. However, if there are terms of special importance in a given job, especially business or legal terms as opposed to technical terms, it is best to include them directly in the contract or general conditions, and not try to rely on the incorporation by reference doctrine.

Ronald L. Wallenfang

Quarles & Brady LLP

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See INSIDE!!!
EXCELLENCE IN MASONRY
Excellence Award Winners!

Wisconsin Concrete Masonry Association
1123 N. Water Street
Milwaukee, WI 53202
In recognition of his service to the profession, William M. Babcock, Hon. AIA, Madison, has been named as an Honorary Member of The American Institute of Architects. This designation is one of the highest honors the AIA can bestow upon a person who is not an architect. The executive director of AIA Wisconsin since 1986, Babcock was recognized for his leadership on successful government affairs initiatives, such as passage of a new and improved statute of repose, and effective collaboration with allied design and construction industry organizations. AIA President John Anderson, FAIA, (left) and Executive Vice President Norman Koonce, FAIA, (right) presented the award in May at the national AIA Convention in Denver.

John Peine, AIA, Wauwatosa, has been appointed to the Milwaukee County Historical Review Board.

John H. Cain, AIA, Wauwatosa, has been appointed as the managing partner of the Kahler Slater Madison office.

Jay A. McLean, AIA, Madison, has announced his retirement from Flad & Associates after forty years of employment. McLean has served as an officer of AIA Southwest Wisconsin and also as President of AIA Wisconsin. Congratulations, Jay!

Patrick B. McGowan, AIA, Stoughton, has joined Isthmus Architecture, Inc., as project architect.

Celebrating milestone anniversaries are Vierbicher Associates, Inc., 25 years; Eric Oxendorf Studio, 30 years and Marathon Engineers/Architects/Planners, LLC, 35 years.


Recipients of the 2001 Wisconsin Chapter of the International Interior Design Association Awards include Plunkett Raysich Architects and Kahler Slater Architects.

Membership Action
Please welcome the following members to AIA Wisconsin:

AIA
Christofer L. Kline, AIA—SE
Mark S.C. Nelson, AIA—NW

Associate AIA
Brian Lane, Assoc. AIA—NE
Joseph O. Pentek, Assoc. AIA—SE
Matthew J. Schachtner, Assoc. AIA—NE
Jason L. Weber, Assoc. AIA—SE

Professional Affiliate
Ed Freer —SW

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