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NEWSLETTER OF THE EASTERN ILLINOIS CHAPTER

March 2010
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President's Message

by Edvin Mertdogan, AIA, NCARB



Spring is in the air (and so are taxes). There are many opportunities this month to get involved with state and chapter initiatives, as I'll discuss later in this message.

As a continuation of the initiative that seeks to elevate an understanding of the resource that is America's architects, "Tell Me Your Story" builds on 2010 AIA President George Miller's focus on the architect's core competency—design—and advances the AIA's new vision statement articulated in the 2010-2015 Strategic Plan: "Driving Positive Change through the Power of Design."

Each local and state component is asked to participate in Architecture Week, April 12-18. Our chapter is asking that each of you talk with your municipal administration prior to Architecture Week and ask them to read and adopt the proposed proclamation (see sample proclamation on page 7 of this newsletter). Mike Rogers, the AIA Illinois president, or I can forward you that Word document file. It's an efficient, low-

stress way to get involved.

Speaking of ways to become involved, our Prairie Grassroots legislative outreach trip to Springfield is March 24. You've already been inundated with reminders on Facebook, Linked In, and email signup forms from Eric Klinner, the AIA Illinois Membership Director, and Eric Davis, the AIA Illinois Advocacy Chair. I hope to see you in Springfield. (Remember to bring your business cards.)

Another means of community influence initiatives to help spark interest in architecture is by communicating with youngsters through school or other activities. Please see an example of this in the "Volunteer Corner" article on pages 8 and 9.

Though it's only March, it's never too early to start thinking about design awards. This year we will be celebrating our Biennial (occurring every two years) Distinguished Building Awards competition and Annual Awards Dinner. The design awards committee will post information this summer on the requirements. Hopefully these lean years have produced fruitful projects!

MARCH 31 CHAPTER MEETING

Program:
Motor Driven Acoustically
Rated Interior Space Division

Presenters:
Nick Schalmo

Sponsors:
Modernfold Chicago, Inc.

See page 6 for details.

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President's Message

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February Board Meeting

Remember to renew your membership by March 31. If you have not yet renewed for 2010 and have not been contacted personally yet, please let me know. Please consider the value that you do receive from AIA. I realize that in a time of economic hardship it is difficult to see membership as a justifiable expense. But...it is, and we do want to work with you to keep you informed.

Thank you to all the members that have already renewed their 2010 memberships! There are still a few weeks until March 31 to work out a financial resolution with Corda Murphy on behalf of the AIA if you are struggling. Please don't wait until the last minute to lapse—especially if you're considering emeritus membership.

Once again, if you are fifty or older please note that emeritus membership upgrade is open to AIA architects or associate members whose membership has been in good standing for fifteen successive years and one of the following: at least sixty-five years of age, or incapacitated and unable to work in the architecture profession.

Also, besides reduced fees, emeritus members are not required to fulfill the eighteen-hour AIA/CES requirement to retain membership. (However they should comply with state licensing regulations.)

If you have any questions or concerns about our monthly meetings and events, please contact me or

any of the board members; after all, our chapter is just the sum of its members.

Also, if you have any interesting news stories related to architecture or have something you want to share with the rest of the chapter's readership, please send your photos and story to our "Eastwords" editor, Roxanne Paukner (rp.entasis@att.net).



See you in Springfield on March 24th for Illinois Prairie Grassroots legislative action day, and in Tinley Park on March 31st for the regular chapter meeting, with a special appearance by one of the 2009 scholarship recipients!

*Edvin Mertdogan, AIA, NCARB
AIA/EIC President*

"Eastwords" is the monthly publication of the American Institute of Architects/Eastern Illinois Chapter. Opinions expressed are those of the particular author and not necessarily those of AIA/EIC. Submit articles to the editor, Roxanne Paukner, at rp.entasis@att.net. For information on advertising, contact Steve Reardon, AIA at 389 4th Street, Lemont, IL 60439.

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Rear View Mirror

REAR VIEW MIRROR

a review of the February 2010 chapter meeting

by James Maciejewski, AIA, Vice President AIA/EIC

WOOD DOORS AND LEED

Our February chapter meeting presentation featured our own affiliate member Dewain Peterson as main presenter and dinner host, representing ASSA ABLOY. For the past five years Dewain has been a Door and Hardware Specification Consultant for ASSA ABLOY product lines (Sargent, Yale, Corbin Russwin, Norton, McKinney, HES/Folger Adam, Securitron, Adams Rite, Pemko, Rixson, Medeco E-Cylinders, Maiman, Graham, Ceco, Curries, Baron). Prior to dinner, Dewain and his associate Scott Purcell were on hand to discuss some of the products they represent, including Maiman Wood Doors and some of the newest electronic access control hardware from Sargent.

The main presentation provided

an overview of the purpose and concept behind LEED design and how to qualify for LEED credits with properly specified architectural wood doors. The US Green Building Council formed LEED (Leadership in Energy and Environmental Design) in 1998 with the purpose of defining a



Jim Maciejewski and Dewain Peterson

"Green Building" through the establishment of certain standards. This standard seeks to do the following:

- 1) promote whole building design

- 2) recognize environmental leadership in the building industry
- 3) stimulate competition in design practices
- 4) raise owner awareness of the benefits of careful environmental design
- 5) transform the building market.

The LEED categories in which credits can be sought after through the proper design and specification of architectural wood doors are Materials & Resources and Indoor Environmental Quality certification. Under the NC 3.0 rating system, fourteen total points are achievable in the Material & Resources category (MR) and fifteen total points are achievable in the Indoor Environmental Quality category (IEQ). More in particular for architectural wood doors, proper specification and use of these products can allow the LEED designer to pursue ▶

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Rear View Mirror

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several credits under the following:

- ♦ MR Credit 4.1 and 4.2 for use of Recycled Content (10% post consumer + 1/2 pre-consumer content)
- ♦ MR Credit 5.1 and 5.2 for the use of Regional Materials (materials extracted, processed, and manufactured within 500 miles of project)
- ♦ MR Credit 6.0 for use of products containing Rapidly Renewable Materials (natural resources harvested within a 10 year cycle)
- ♦ MR Credit 7.0 for using a minimum of 50% of the wood building components that are Certified Wood (certified wood per the Forest Stewardship Council used in building components must have a verifiable chain of custody through FSC certified companies from the forest all the way to the point of installation)
- ♦ IEQ Credit 4.4 for use of Low Emitting Materials to reduce the quantity of indoor air contaminants (no added urea formaldehyde allowed)

Dewain elaborated on the various wood door core designs and how each (particle, engineered, stave, mineral, and agrifiber) can be specified to contribute toward the credits above. Keep in mind that only a building can be labeled "LEED certified," and designers should be careful to note that labeling individual components as being LEED certified or Green would be misleading.

If you have questions on this presentation or on any door/hardware issue, Dewain Peterson can be contacted via email at dwpeterson@assaabloydss.com. Please visit the ASSA ABLOY website for additional information. www.assaabloydss.com

AIA ILLINOIS

We were also fortunate to have Mike Rogers, AIA, President of AIA Illinois, join us at our meeting to discuss his initiatives for the members of the AIA. Mike spoke about the need for architects to position themselves in their communities to provide influence on the real decision-making processes of planning and building. Architects have unique qualifications and need to do a better job bringing these skills to arenas where our impact can be made. Mike provided an assessment tool that we can all use to determine where we can influence our communities and consequently where we can do better.

April 11, 2010 thru April 17, 2010 is National Architecture Week. This event allows architects to showcase the legacy and power of design and architects' ►



John Benware visits with
AIA Illinois President Mike Rogers

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Rear View Mirror

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contributions to communities everywhere. Mike Rogers provided several examples of how we can promote the practice of architecture and educate our communities on what we do, ranging from speaking to students in local



Bob Juris with AIA Illinois President Mike Rogers

schools about the profession, to promoting community events to showcase design work.

Mike discussed the recent Grassroots Advocacy Conference in Washington D.C. and invited both Edvin Mertdogan and myself to elaborate on the purpose of the trip. (The advocacy issues were covered in the February Eastwords, which is available via web link on the chapter website www.aiaeic.org.)

Lastly, Mike Rogers asked members to consider a contribution toward IAPAC (Illinois Architects Political Action Committee) in the amount of \$36.50, or a dime a day. Our contributions to this



Guest speaker, AIA Illinois President Mike Rogers

political action committee allow for continued advocacy at the state level on issues such as licensing, codes and standards, sustainable design, and other topics affecting our profession. ■

*James Maciejewski, AIA
EIC Vice President*

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LAWRENCE A. SCHLAX

OWNER'S CLUB

Upcoming Meeting ♦ Wednesday, March 31, 2010

Motor Driven Acoustically Rated Interior Space Division - 1.0 continuing education LU/HSW

Presenter: **Nick Schalmo** nschalmo@modernfoldchicago.com
For the past five years, Nick has been working with Modernfold Chicago on the sales staff and has completed several major projects, including Panduit Headquarters, Sara Lee Headquarters, and Great Lakes Navel Base. Nick handles the Chicagoland area along with Northwest Indiana.

Program: **Motor Driven Acoustically Rated Interior Space Division, 1.0 LU/HSW**
The objective of this course is to provide design professionals with a thorough understanding of the available motorized acoustically rated movable partitions used in interior applications. The use of vertically stacking partitions will be presented.

Learning Objectives:

- 1) To understand the importance of flexible space division
- 2) Learn about the types of electrically powered partitions
- 3) To understand the acoustical performance properties, options available, and how to best enhance performance
- 4) To understand the structural considerations important in regard to these dynamic systems
- 5) Learn about the cost comparisons and cost considerations for the various types of motorized acoustical partitions

Sponsor: **Modernfold Chicago, Inc.:** Please visit their website at www.modernfoldchicago.com
Modernfold Chicago, Inc., is a specialty subcontractor that provides space management solutions. They are a distributor of Modernfold® operable and accordion partitions, Skyfold® vertical partitions, McKeon® fire doors, Smoke Guard® smoke containment systems and Woodfold® folding doors. Modernfold Chicago, Inc. offers complete turnkey installation including overhead support work if desired. They employ a crew of union certified carpenters who perform all work. They do commercial work for a variety of markets including hospitality, religious facilities, schools and education facilities, and businesses of all kinds. Located in Carol Stream, IL, and family owned since 1992, they have been servicing the greater Chicagoland area and Northwest Indiana since 1964.

Location: **Tinley Park Holiday Inn Hotel and Convention Center**
18501 Harlem Ave (I-80 & Harlem Ave/Rt. 43)

Time: 5:00 Board of Directors Meeting
6:00 Libation / Conversation / Open Bar
/ Sponsor product display
7:00 Dinner with announcements &
a word from tonight's sponsor
8:00 Main Program Presentation

Cost: \$30.00 / AIA/EIC Member \$35.00 / non- member

Menu: Chicken Noodle Soup & Citrus Salad with Raspberry Dressing
Boneless Breast of Chicken with Supreme Sauce*
Wild Rice Blend and Seasonal Vegetables
Dinner Rolls, Chef's Special Dessert
Coffee, Decaf, & Tea

**Vegetarian (pasta) substitutes are available upon request.
Please indicate your request for a vegetarian meal when making your reservation.*

Reservations by:
noon
Thursday
March 25th
Contact call list member
or James Maciejewski,
AIA
AIA/EIC Vice-President
and Program Coordinator
Ph: 708-339-3900
jim@jmaarchitects.com
Payment required if cancellation
after Monday noon.

Proposed Proclamation

Architecture Week, April 12 -18, 2010

Whereas, architects serve the public health, safety and welfare of the citizenry by designing places for a broad range of human activities, creating environments where individuals, groups and communities may thrive, and;

Whereas, architecture profoundly affects people; and the work of architects is essential to human well being and supporting the growth of each community through recognizing the diversity of communities and interests within the state; and seeking to find common ground to achieve better, safer, more beautiful and sustainable communities, and;

Whereas, the American Institute of Architects (AIA) is guided by the duty and honor to serve architects, communities, and the public at large; and in the spirit of civic engagement and public service share the fundamental principles as fellow citizens and as the voice of the architecture profession in Illinois, and;

Whereas, the American Institute of Architects has thereby established and sponsored Architecture Week each year to celebrate and increase awareness of the great architecture and its impact across the state, and;

Whereas, Illinois boasts some of the world's most famous architectural buildings and designed spaces, both rural and urban, historic and contemporary, homes and skyscrapers and everything in between, and;

Whereas, Illinois had the nation's very first licensed architect; and architects who have practiced in Illinois are the most notable and respected in American history including Frank Lloyd Wright, Louis Sullivan, Mies Van Der Rohe and many others, and;

Whereas, the more than 4000 architects and architectural interns of Illinois today have been called upon by the AIA to participate in activities in the communities throughout the state during Architecture Week such as presentations, public displays, grade school visits, and civic design forums;

Now, Therefore, I, _____, Mayor of _____, proclaim April 12-18, 2010 as Architecture Week in _____ and urge all citizens to join the community in participation of Architecture Week activities and recognition of the great architecture of this state.

Proposed activities include visiting architecturally significant buildings around town, in Chicago, or just becoming more aware of the buildings and spaces you commonly visit.


See the online checklist of significant architectural buildings from the AIA 150 survey at <http://www.illinoisgreatplaces.com>.



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Volunteer Corner

by Edvin Mertdogan, AIA, NCARB

On February 18th I had the opportunity to help the next generation understand what architects do by sharing my knowledge of the “building arts” with a 3rd grade group of Brownies from the Girl Scout Troop 130 of Greater Chicago and Northwest Indiana. Thanks to troop leader Cindy Murray, the Girl Scouts were also able to earn their “Building Art” Try-It! badge.

We looked through the components of a blueprint and all the people that were involved - owner, consulting engineers, building review officials, contractors, and the users. We considered placing a building in the context of a neighborhood as a whole (like the computer game SimCity), and how positioning the building on a site is important from many factors including sunshine, wind, ground stability, and vegetation, to name a few.

We reviewed parts of the school that were designed for someone with special needs: larger bathroom stalls, clearance near a door, lower light switches, audio visual fire alarms, and more.

We discovered the strengths of shapes—where a floppy piece of paper can be reshaped to be very strong. As an analogy to steel or concrete materials, the paper was formed in various ways: as a round column, an arched barrel vault, a folded plate roof, a post tensioned cambered flat plate, and a space frame (using the fortune-teller origami pattern).

After their perception and math skills were challenged by



Circle of Knowledge - Challenging their ideas of what an architect, engineer, and designer do.

developing an estimated construction cost budget, we did a more relaxed creative exercise by building for the future. The troop delved deep into their creative psyche and nine years of experience to stretch their imaginations, drawing their futuristic dream home or school while considering how things might be similar or different one hundred years from now.

I was glad to hear from some girls that ‘their brains were exhausted from using their creative energy’ for this study! I hope they continue exhausting their brains for solving problems and designing a better future. ▶

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Volunteer Corner

...continued



Small groups counting how many plumbing fixtures and electrical outlets there are and calculating a total price for all those items!



Besides presenting an overview of architecture, this group had great questions which we take for granted, such as "What does the 'A-1' in the title block mean?"



Analyzing the parts of a blueprint and helping the next generation understand what architects do.

Troop 130 works on their design project.



Troop 130 shows off their futuristic designs.

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Eastern Illinois Chapter
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