



The Construction
Specifications Institute

CSI LINK

Northern Illinois Chapter CSI Newsletter

Volume 27 Issue 6

INSIDE

- 2 Details of February CSI/ALA Building Envelope Event
- 3 President's Message
- 3. More Help For CDT Exam Candidates
- 4 NICSII 2010-2011 Ballot
- 5 Chapter Programs
- 6 Who Said That?
- 7 Additional Learning Opportunities
- 8 Sheldon Wolfe's Travelogue, Part 1—Cathedrals and Churches
- 9 CSI's CDT Registration Deadline
- 9 February 16—Free CSI CDT Information Webinar
- 11 Chapter Leadership

CSI/ALA BUILDING ENVELOPE EVENT- Building Envelope and Moisture Problems from Three Perspectives: Design, Construction and Post Construction Phases

This program will feature three prominent panelists focusing on the avoidance, reaction and solutions to moisture management hurdles. See Page 2 for more details.

Continuing Education: .02 CSI CEUs, 2.0 ALA CEPs, 2.0 AIA LUs, in HSW and SD.

Building Envelope Panelists:

Len Anastasi, 2nd Vice Chairman, Air Barrier Association of America, Boston
Lucas Hamilton, Manager of Building Sciences, Certainteed, Philadelphia
Russ Brown, National Sales Manager, Construction Services, Munters Moisture Control Services, Indianapolis

Event History

Qualified experts in Building Envelope issues from across the country have been involved in this event over its six year history. Programs have provided quality continuing education for design and construction professionals and have consistently *in the past* reached capacity. The event is co-sponsored by the Chicago and Northern Illinois Chapters of The Construction Specifications Institute (CSI) and the Association of Licensed Architects (ALA).

Date:

Tuesday, February 23, 2010

Locations:

7:30 AM – 10 AM Maggiano's, 516 N. Clark Street, Chicago, IL 60654
5:15 PM – 9:00 PM Meridian Banquets, Rolling Meadows, IL 60008

Cost:

Chicago Event - ALA/CSI-Chicago & NI Member \$25 / Non-member \$35
Rolling Meadows - ALA/CSI-Chicago & NI Member \$35 / Non-member \$45

Registration: www.csichicago.org

Sponsors Andersen Windows, BASF, Certainteed, Parksite/Dupont Tyvek, Johns Manville, Rex Electric



“Building Envelope and Moisture Problems from Three Perspectives”

For seven years, this annual building envelope special event has reached capacity due to expert speakers recognized nationally for their progressive and evolving knowledge of the building envelope.

This year, a panel discussion and open forum with three recognized building envelope experts will instruct the construction community on how coordination of design and construction approaches can result in a better building, owner satisfaction, and reduced legal issues. Research, viewpoints, and case studies will be followed by Q & A.

1. Four Barriers Every Building Enclosure System Should Have

Controlling moisture is a function of controlling the four wetting potentials that a building enclosure system will experience due to climatic differences between the interior environment and the exterior environment. *Len Anastasi, President of the Air Barrier Association*, will examine the four wetting potentials and then explain the four barriers needed to control the wetting potentials. Properties and locations of the barriers will be discussed and the performance of various building enclosure systems will be demonstrated.

2. Computer Modeling to Predict Building Performance

Specific real-life case studies will be presented which demonstrate how commercially available moisture modeling tools can be used to make our designs more robust and our construction more durable. *Lucas J. Hamilton, Manager of Building Sciences, CertainTeed*, will review such software tools as WUFI and Therm, and their role in helping predict performance.

3. Reducing Construction Related Liabilities by Specifying Temporary Climate Control

This segment will review temporary climate control strategies to reduce moisture issues during construction. *Russ Brown, Global Business Development Manager, Munters Moisture Control Services* will review innovations in moisture prevention practices in the construction industry over the last 20 years. The identification of the key problems, basics of moisture control and the understanding of the equipment utilized will be covered. The key components of writing a climate control specification will also be outlined.

Our Presenters

Lucas Hamilton, Manager of Building Science Applications with CertainTeed Corp., is a Physicist with over 20 years experience in construction and construction products manufacturing. His experiences include research and development of both construction materials and building performance computer simulations. Lucas has over 10 years field experience in building diagnostics and testing for the application of results in construction defect litigation as an expert witness.



Russ Brown is the Global Business Development Manager for Munters Moisture Control Services based out of Indianapolis. Mr. Brown has worked in the paint and coatings industry for the last 25 years in several capacities and for Munters Corp. for the last 13 years. He has a BS in Liberal Arts and Sciences from the University of Illinois and is President Elect for the Board of Governors of the Society for Protective Coatings (SSPC). He is also active in CSI, American Water Works Association (AWWA) and the AIA.



Len Anastasi is President of the Air Barrier Assoc. of America as well as a member of CSI, the Boston Society of Architects' Building Enclosure Council, ASTM's E 06 Committee on Building Performance, and the US Government's Building Enclosure Technology and Environmental Council (BETEC). He has worked in the construction industry for 20 years in masonry, waterproofing and restoration work. He has performed inspections and/or repairs on over 300 buildings as well as expert testimony and reviews on dozens of legal cases. He is owner of the EXO-TEC companies.



CSI IN NORTHERN ILLINOIS - PRESIDENT'S MESSAGE

By Susan Johnson, AIA, CSI, CCS, 2009-2010 Chapter President

ELECTIONS: CSI Institute and Northern Illinois

It is that time of year again, the election of new officers to lead Institute and our chapter. We as members of CSI should take a few minutes of our time to review each of the candidates and the positions they are running for. You will be receiving an email from institute to cast your ballot online. Our chapter will also be conducting our elections via an online ballot process. You will receive an email in early March with a link to the NICSII 2010-2011 ballot.

Call for Nominations for NICSII: (Deadline for nominations is February 22)

See next page for the current NICSII slate of candidates and the position they are running for. If there is someone you would like to nominate to the ballot or yourself who would be interested in being involved at the leadership level please contact me at sjohnson@muller2.com or give me a call at 312-432-4180 ext. 225.

NICSII is also looking for volunteers to chair or co-chair committees for 2010-2011 year. If you would be interested in serving the chapter in this way please contact me at sjohnson@muller2.com or give me a call at 312-432-4180 ext. 225. We still have a few months for this fiscal year with some open chair positions that need to be filled. See list of Committees below.

I realize that a lot of us feel a real disconnect to the candidates, the position they are running for and how voting for a person we do not know will affect us in our involvement with CSI. I feel that way myself but because of the benefits I receive by being a member of CSI, I feel it is my responsibility to take the time and learn about the candidates and positions and cast my vote for each position up for election. Each and every choice we make in our lives ultimately has an effect on each of us. So please, I urge each one of my fellow CSI members to cast your votes in both the Institute and Northern Illinois Chapter elections.

MORE HELP FOR CDT EXAM CANDIDATES

SpecGuy's *CDT One Week at a Time!* study tools are now in their eighth year of national use.

If candidates can't attend local classes? Try SpecGuy's webinars

If you can't attend local classes, or are looking for extra study help, use SpecGuy's *CDT One Week at a Time!* online, on-demand recorded webinars. This 12-session series includes slide handouts, study handouts, and quizzes for each session. Details are on the SpecGuy website: www.SpecGuy.com

Free *CDT One Day at a Time!* daily email program

CDT and certification candidates can visit www.SpecGuy.com and follow the links to the registration page. They'll receive a daily email study question each day for 60 days to help them with their study. *CDT One Day at a Time!* has received the CSI Institute Electronic Publications Commendation.

Construction Specification Institute

Northern Illinois Chapter

2010-2011 Ballot

Put an X in the box of
those you select

Office	Candidates/Term	
President	<input type="checkbox"/> Susan Johnson	1 Year Term
President Elect	<input type="checkbox"/> Fred Burr	1 Year Term
Vice President, Industry	<input type="checkbox"/> Pete Dinschel	1 Year Term
Vice President, Professional	<input type="checkbox"/> Ken Moore	1 Year Term
Director Industry	<input type="checkbox"/> Michelle Goodeve	2 Year Term
Secretary	<input type="checkbox"/> Don Russell	1 Year Term
Treasurer	<input type="checkbox"/> Larry Church	1 Year Term
Past President	<input type="checkbox"/> Kristy Rivera	1 Year Term

Officers Elected in 2009

Director Professional Tom Meyer 2nd Year of 2 Year Term

Committee Chairpersons

Newsletter	John O'Neil
Membership	Don Russell
Advertising	Open
Programs	Open
Table Tops	Kristy Rivera
Region	Fred Burr
Email Distribution	Pete Dinschel
Meeting Location	Kristy Rivera
CEU Provider	Susan Johnson
Webmaster	Open
Certification	Ken Moore
Specification Roundtable	Ken Moore

NORTHERN ILLINOIS CHAPTER PROGRAMS

2009 - 2010

Date	Topic	CSI Division	Location
02/23/10	“Building Envelope and Moisture Problems from Three Perspectives: Design, Construction and Post Construction Phases” ; ALA, CCSI, & NICSII Special Program; This program will feature three prominent panelists focusing on the avoidance, reaction and solutions to moisture management hurdles	07, 08, etc	7:30 AM – 10 AM Maggiano’s, 516 N. Clark Street, Chicago, IL 60654 5:15 PM – 9:00 PM Meridian Banquets, Rolling Meadows, IL 60008
03/18/10	Façade Restoration	04, 07, 08, etc	Crowne Plaza Hotel, 1250 Roosevelt Road, Glen Ellyn, IL 60137
04/13/10	Factory Tour	09	National Gypsum Plant 515 Sea Horse Drive Waukegan, IL 60085
05/20/10	Awards Dinner		To be determined
August 2010, Date to be determined	Baseball Game		To be determined



Exhibits: May 12-14, 2010

Education: May 11-14, 2010
Pennsylvania Convention Center

Philadelphia, PA USA

WHO SAID THAT?

Who said: **“We travel together, passengers on a little space ship, dependent upon its vulnerable reserves of air and soil, all committed for our safety to its security and peace, preserved from annihilation only by the care, the work, and I will say the love we give our fragile craft. We cannot maintain it half fortunate and half miserable, half confident, half despairing, half slave to the ancient enemies of mankind and half free in a liberation of resources undreamed-of until this day. No craft, no crew can travel safely with such vast contradictions. On their resolution depends the survival of us all.”**

If you think you know who said that, e-mail the editor - jwoneil@larsondarby.com.

Check next month's *CSI Link* to find out the answer.

Last month's quote was **“Here, then, is what I wanted to tell you of my architecture. I created it with courage and idealism, but also with an awareness of the fact that what is important is life, friends and attempting to make this unjust world a better place in which to live.”**

The speaker was the indefatigable Brazilian architect Oscar Niemeyer. Born in 1907, and according to Wikipedia still living as of this writing (which makes him 103 years old), Oscar Niemeyer was already a world-famous architect by the 1940s. He is most famous for designing the government buildings of Brasilia, the new national capital Brazil built in the 1950s, and for collaborating on design of the United Nations headquarters building in New York..

MISSION STATEMENT

The Northern Illinois Chapter of CSI holds these precepts as its core values and mission:

Education: Advance construction technology through education of members and communication to and among our group.

Communication: It is our aim to create an environment that fosters valuable interaction between members and the Construction industry. Be the communication link for industry information and activities to our membership.

Research: Foster process and specification improvement aimed at providing value to our customers and clients.

PUBLISHER'S STATEMENT

The *CSI Link* is published monthly September through May, and once each summer, by the Northern Illinois Chapter CSI, a nonprofit organization, for the sole use of chapter members. Copy appearing in the *CSI Link* is not to be construed as the Northern Illinois Chapter CSI endorsement of any product, service, company, or individual.

Opinions expressed do not necessarily represent the views of the Northern Illinois Chapter CSI or the Construction Specifications Institute.

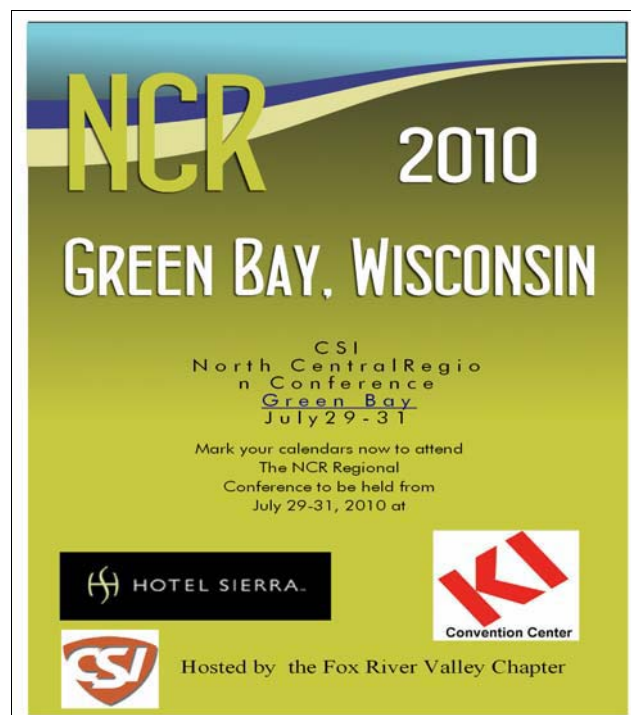
Articles appearing in the *CSI Link* may not be reproduced without permission of the Editor, except carte blanche permission to reprint is granted to all Institute and Chapter publications. Address all correspondence including opinions, press releases, want ads, and news about members to:

CSI LINK, John W. O'Neil, CSI, CCS, CCA, LEED-AP, Editor, C/O Larson & Darby Group, Inc., 4949 Harrison Ave., Suite 100, Rockford, IL 61125-0207 jwoneil@larsondarby.com

10 Issues/ Ad Size	CSI Member, Any Chapter	Non-CSI Member	1 Issue/ Ad Size	CSI Member, Any Chapter	Non-CSI Member
Full Page	\$400	\$500	Full Page	\$40	\$50
Half Page	\$200	\$250	Half Page	\$20	\$25
Quarter Page	\$100	\$125	Quarter Page	\$10	\$13
Business Card	\$50	\$63	Business Card	\$5	\$6

ADDITIONAL LEARNING OPPORTUNITIES

Topic	Dates/Times	Location	Contact
CONSTRUCT 2010 and the CSI National Convention	May 11—14, 2010	Pennsylvania Convention Center, Philadelphia, PA	www.csinet.org
2010 MREA Energy Fair —Energy education, exhibits, workshops, clean energy car show, green building and remodeling, chef demos, etc.	June 18-20, 2010	Midwest Renewable Energy Association, Custer, WI	www.the-mrea.org
NCR 2010—CSI North Central Region Conference	July 29-31, 2010	Green Bay, WI	www.csi-northcentralregion.org
Greenbuild 2010 — Green building education, massive trade show of green construction products	November 17-19, 2010	McCormick Place, Chicago, IL	www.usgbc-chicago.org
CSI Chicago Chapter Meetings	4th Tuesday, most months	Varies	www.csichicago.org
CSI Madison Chapter Meetings	2nd Tuesday, most months	Varies	www.csimadison.org
CSI Milwaukee Chapter Meetings	Varies	Varies	www.csimilwaukee.org



TRAVELOGUE, PART I; CATHEDRALS AND CHURCHES

by Sheldon Wolfe, RA, FCSI, CCS, CCCA

My wife and I had so much fun on our European Vacation that I can't help but think about it every day. It was such a wonderful, inspiring experience that it may have made me less curmudgeonly - at least for a while. In consequence, I will occasionally set aside the Curmudgeon's Corner, and recall some of what we saw.

Churches, synagogues, and other places of worship can be found throughout America. Here in the Midwest, you won't find a town small enough to not have at least one, and some appear to have more than can be supported by the local area. Of course, the town itself doesn't include the farms that extend endlessly in all directions; I often try to imagine the weekly processions from the outlying areas to the churches. With horse-drawn wagons as the fastest means of travel, there wasn't much sleeping in on Sunday mornings!

Our larger cities have more and larger churches, and we just happen to have two major Roman Catholic churches in the Twin Cities - the Basilica of St. Mary in Minneapolis, and the Cathedral of St. Paul in St. Paul. My wife and I also have visited the Washington National Cathedral a couple of times, so even though we live in the boonies, we have been able to see a few of the biggest churches in the United States. Still, the oldest of the ones we have seen are less than a century old.

And so, when we left on our vacation (yes, I'm back to that again), we looked forward to seeing the fabled cathedrals and churches of Europe. But with only three weeks available, we had to limit ourselves to only parts of Germany and Italy, and my observations obviously are limited to what we saw.

Our first stop was Rothenburg ob der Tauber, a walled city a few hours southeast of Frankfurt. The city itself dates back to about 1100 AD, and its feature cathedral was constructed from 1311-1484. Its two towers are about 180 feet tall, and the east end of the soaring nave is lighted with a few beautiful lancets of stained glass. One of its two large altars was created by Tilman Riemenschneider, who has been called the Michelangelo of woodcarvers, and the west end of the nave is dominated by a towering, 5,500 pipe organ.

Our next destination was Immenstaad am Bodensee, in southernmost Germany. Immenstaad is a resort town on the north shore of the Bodensee, or Lake Constance as it's known here. Most of our trip was by rail, but the last leg was on a large passenger ferry, which deposited us on a long pier leading into the heart of town. Looking south from Germany, you can see Switzerland from all but the east end of the lake, where it is bordered by Austria.

We didn't see much of Immenstaad, as we travelled out during the day and returned each evening for dinner by the lake. One of these excursions was to Meersburg, a short bus to the west. Meersburg is a small city, most of which is centered around two old castles, but from the lake, the enormous city winery looks like it may be the more important part of town. The age of the older castle is unknown, some saying the first part was built in the seventh century, while others believe it wasn't built until the twelfth century. Either way, it's been around just a bit longer than the good old US of A.

A short distance to the east is the new Meersburg castle, which is more of a palace. It was built in the eighteenth century, but used as a castle for only a few decades, having since become the home of two or three museums. The east end of the palace contains a modest chapel, which was built for the resident prince. Along with the rest of the building, it has undergone more than one restoration, the last about twenty years ago. From the outside, you wouldn't know there is a chapel within, as the façade and height are in keeping with the rest of the building. As a result, it's a real surprise when you enter and find a tall, two-story space built in the rococo style. The walls and ceiling are stark white, overlaid with elaborate ornamentation and gilding, and most of the ceiling is decorated in colorful fresco.

(Continued on next page)

(Continued from previous page)

After a visit to the Zeppelin museum in Friedrichshafen, we went on to Salzburg. From there, we took a day trip to Hallstatt, Austria, a postcard-sized town that looks like it was built for postcard pictures. After a two-hour rail trip through what might be the most beautiful mountains and villages in the world, we arrived at the Hallstatt station, a mere whistle stop compared to some of the terminals we saw. The station comprises a small building, a small platform, and the ubiquitous station clock. It is not, however, the end of the line, as it is across a lake from the Hallstatt, and the only way to complete the trip is by a ferry. Not surprisingly, the ferries schedule is tied closely to that of the trains.

Even though Hallstatt has only a thousand residents, it has two churches, both easily seen from across the lake and from much of the town. St. Michael's Chapel, which is perhaps fifty feet above the main street, dates back to the twelfth century. It is famous for its ossuary, home to about 2,000 human skulls. The other church, Christ Church Lutheran, was built in the nineteenth century. Located at street level, it has a spire that appears to reach about as high as the spire on the older church.

Moving on to Firenze (Florence), we found a comfortable second floor room with a window overlooking a courtyard. Looking out the window, we could see the tops of the Brunelleschi dome and the Campanile at Basilica di Santa Maria del Fiore. The basilica is visible from a great distance, though usually hidden from street level. This shouldn't be surprising, given its size - at 500 feet long, 125 feet wide at the nave and 300 feet wide at the transept, and over 300 feet tall - it's by far the biggest structure in town. The exterior, a striking combination of white, green, and red marble, is a well-known symbol of the city. Unfortunately, we found the interior to be a disappointment after the colorful exterior. It has few windows, paintings, or statues; the highlight is the dome, which has almost an acre of painted surface. Still, despite the lack of ornamentation, the verticality of the interior and the sheer volume were quite impressive.

Come back next month, when we'll set out for the cathedrals of Rome.

© 2010, Sheldon Wolfe

<http://swconstructivethoughts.blogspot.com/>

CSI'S CDT REGISTRATION DEADLINE

Get your construction documentation in order! The Construction Documents Technology (CDT) Certificate is a comprehensive overview for anyone who writes, interprets, enforces, or manages construction documents. The early registration deadline has expired. Final registration deadline is February 26, 2010. Learn more, or register now.

<http://email.bdcnetwork.com/cgi-bin/7/DM/y/eBOqZ0E3YTN0PJ60DVyz0EZ>

FEBRUARY 16 -- FREE CDT CERTIFICATE INFORMATION WEBINAR

Still debating taking the Construction Documents Technologist (CDT) Certificate exam? Participate in a FREE Webinar on the CDT Certificate on Tuesday, Feb. 16, from 2:30 p.m. to 3:30 p.m. ET. The CDT 101 webinar is an opportunity for individuals to learn about the benefits of CSI's Construction Documents Technologist certificate. The webinar will cover the requirements and resources needed for successful exam preparation and study. [Register now!](#)

NORTH CENTRAL REGION'S OWN BOB SAUMUR RUNNING FOR INSTITUTE VICE-PRESIDENCY

A Message from Robert Saumur, FCSI, CCPR, LEED AP

Since the announcement of my candidacy for Institute Vice President-Industry, several members have asked me for biographical information. I would refer voters to the bio info that's in the voter information packet

Go to: http://www.csinet.org/s_csi/sec.asp?TRACKID=&CID=2429&DID=17545

Briefly, though, I've been in the construction industry since 1973. I joined Marvin in 1985 as an Architectural Rep and worked with the industry in that capacity until I retired at the end of 2009. I've been a member of CSI since 1985, and an active one since 1987 or thereabouts. I belong to three chapters. I've been on the boards in all three of them, and I've been President of two (ND Red River Valley and Minneapolis-St. Paul). I served as the North Central Region's Institute Director for Industry from 2004-2007.

I'm sure folks will wonder why I'm running for this office after I've retired. I've never developed many hobbies, and I've really enjoyed my involvement in CSI, so staying involved is something that I've intended to do all along. Running for this office is probably a bit more involvement than I would have sought out, but the nominating committee asked me if I'd be willing to serve, and I am. If elected, I'll work to serve the interests of all the members of CSI to the best of my ability.....not just the Industry members.

I would appreciate the support of all the members of the North Central Region. I have been a candidate for election several times in my life. In two of those elections, one vote made a difference. I have both won and lost an election by exactly one vote. So every vote doesn't make a difference in every election, but every vote *can* make a difference. I know that for certain!



**Join a CSI
Practice Group!**

- Free
- Web-based
- Monthly meetings

Groups for: BIM, Sustainability,
Emerging Professionals,
Product Representation

Click to join a group!

Go to www.csinet.org to join a CSI Practice Group!

NORTHERN ILLINOIS CHAPTER LEADERSHIP 2009-2010

OFFICERS

President: Susan A. Johnson, AIA, CSI, CCS; 312 432-4180; 312 432-4184; sjohnson@muller2.com

President-Elect (2009-2010): Fred Burr, CSI; 630 922-0550 Ext 13; Fax 630 922-0880; FBURR911@sbcglobal.net

Past President: William A. Cohen, CSI, CCPR; Cell (630) 432-1677; cohenboys@comcast.net

Vice-President—Professional: Kenneth J. Moore, FCSI, CCS, SCIP; 630 546-2135; Fax 815 498-1260; usconsulting@earthlink.net

Vice-President– Industry: Thomas C. Walter, CSI, CDT; 847 274-2621; tomw@tombuildsbusiness.com

Secretary: Donald C. Russell, CSI, CCS; 630 420-5802; drussell@larsonenr.com

Treasurer: Larry Church, CSI, PE, LEED AP; 630 659-9711; larrychurch@comcast.net

DIRECTORS

Professional: Tom Meyer; tmeyer@wildesigngroup.com

Industry: Scott Baker, CSI; 847 612-0227; sbakerahc@aol.com

NORTHERN ILLINOIS CHAPTER MEMBERS SERVING ON INSTITUTE COMMITTEES

Institute Membership Committee: Fred Burr, CSI; 630 922-0550 Ext 13; Fax 630 922-0880; FBURR911@sbcglobal.net

Construction Specifier Editorial Advisory Board: Kenneth J. Moore, FCSI, CCS, SCIP; 630 546-2135; Fax 815 498-1260; usconsulting@earthlink.net

COMMITTEE CHAIRS

Awards: Kristy Rivera, CSI; 630 359-5028; Cell 630 261-5200; Fax 630 563-5350; kristy-rivera@comcast.net

Certification: Kenneth J. Moore, FCSI, CCS, SCIP; 630 546-2135; Fax 815 498-1260; usconsulting@earthlink.net

Membership: Donald C. Russell, CSI, CCS; 630 420-5802; drussell@larsonenr.com

Newsletter: John W. O'Neil, CSI, CCS, CCA, LEED AP; 815 484-0739; Fax 815 229-9867; jwoneil@larsondarby.com

Continuing Education Certificates: Susan A. Johnson, AIA, CSI, CCS; 312 432-4180; 312 432-4184; sjohnson@muller2.com

Electronic Communications: Peter Dinschel, CSI; pdinschel@chicap.org

Roundtables: Kenneth J. Moore, FCSI, CCS, SCIP; 630 546-2135; Fax 815 498-1260; usconsulting@earthlink.net

Region Representative: Fred Burr, CSI; 630 922-0550 Ext 13; Fax 630 922-0880; FBURR911@sbcglobal.net

Tabletops: Kristy Rivera, CSI; 630 359-5028; Cell 630 261-5200; Fax 630 563-5350; kristy-rivera@comcast.net

Chapter Historian: Richard T. Ray, CSI, CDT; 312 960-8131; richardtray@sbcglobal.net

Vacant Positions: Programs Chair; Education Chair

NORTH CENTRAL REGION INSTITUTE DIRECTORS

John M. Griffith, II, CSI; Director, North Central Region; Empirehouse, Inc. ; 4401 Quebec Avenue North; New Hope, MN 55428; Ph: 763-535-1150 Fax: 763-535-9151; grif@empirehouse.com

J. Gerard Capell, AIA, CSI, CCS; Capell Design Associates; 2954 N. Frederick Ave.; Milwaukee, WI 53211-3301; Ph: 414 962 4638; jgcapell@wi.rr.com



Chicagoland Roofing Council



www.chicagoroofing.org

Chicago's Green Roofers



**Chicagoland
Roofing
Council**

Should your business go Green?

It's a business decision, yet an environmental decision. Consider the impact of city ordinances, building codes, tax benefits and energy costs. Chicagoland Roofing Council and Local 11 Roofers Union want to be part of your Green Roofing Project. Let our Green Roofing Professionals guide you through your installation of environmentally friendly roofing. Professional, Licensed, Bonded, Insured, Trained Contractors can help you with all your roofing decisions.

**For a list of Green Roofing Professionals,
call 877.671.ROOF**