

# CHANGE ORDER

CONSTRUCTION SPECIFICATIONS INSTITUTE CHICAGO CHAPTER



## Chapter Meeting

### Designing For The Birds

Tuesday, October 22  
5:00-8:00pm

East Bank Club  
Chicago, IL

See page 5 to learn more.

2019  
*October*



### 2020 CSi2eye: Applications Open

See page 6 for details.



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### Upcoming Chapter Events

.....

- 10/3** Technical Roundtable: MC-101: Modular Construction
- 10/15** Certification: CDT Exam Study Night & Information Session
- 10/16** Meet The Reps Roundtable: Concrete Moisture Control Solutions
- 10/22** Chapter Meeting: Designing For The Birds

### Included Articles

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- 9** Trivia Night Kicked Off 2019/2020 Programming Season
- 9** September Chapter Meeting: The 78: Chicago's Next Great Neighborhood
- 10** Grout Joint Alignment vs. Grout Joint Uniformity in Ceramic Tile Installations



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## M2M Connection Hub Makes Participation Easier

Andrea Baird

NCARB, P.E., BECxP, CxA+BE, CCCA, LEED AP BD+C

This month I would like to highlight one of the membership benefits unique to our chapter, [M2M Connection Hub](#). This page on our website is a convenient set of tools to help you connect and communicate with other members outside of chapter events. Maybe you aren't ready to join a committee or serve on the board; there are still many ways to contribute and get involved.

Do you have an issue that keeps coming up on projects that you wish your peers were more aware of? Maybe you read a great article that you think is worth sharing or have recently published an article yourself that you would like to share with our membership; you can submit it on our M2M page. Perhaps you are new to the Chapter or would like to reintroduce yourself; the member spotlight tool is a great way to let people know who you are. There is also a spot to showcase recently completed project work that you are proud of.

Whether its producing content for our newsletter, contributing in our discussion board or serving on a committee, participation at all levels is appreciated. I encourage everyone to take a few minutes this month to explore the [M2M tools](#). We look forward to hearing from you soon.

# M2M<sub>CONNECTION</sub>

Built By Members For Members

  
Submit content for the Change Order Newsletter using our M2M Connection Tool Box.











CLICK TO VIEW OUR LEADERS



## Member Spotlight

**Jim Moynihan, CSI**

Jim Moynihan is the President/CEO of OWA USA Corporation. Prior to this role, he spent 15 years with Allied Tube & Conduit (Atkore) as Director of Sales & General Manager and 7 years with Chicago Metallic/Rockfon as VP of Sales & General Manager.

He fondly recalls the Toronto Transit Commission (TTC) subway projects in Toronto as his most memorable projects. He was an integral part of rectifying challenges with custom panels as well as uplift issues.

As a new member, Jim says he joined the CSI Chicago chapter because of his interest in developing relationships and increasing his knowledge of the construction industry and best practices. He plans to build relationships by attending meetings, networking, and adding contacts with industry experts. Through CSI he hopes to increase his knowledge in construction processes and earn his CDT certification.

When Jim isn't working, he is very involved with his children's sports and academics. He enjoys spending time with his wife, children, and squeezes in a little skiing whenever possible. He also admits he is an at home player on the Bozo show.

### We Want To Spotlight You Next!

Please [click here](#) and fill out a Member Spotlight Form to share more about you with your fellow members.

## Members On The Move



**Randall A. Chapple, CSI, CCS** is the 2019 recipient of CSI's Distinguished Service Award. Randall will be honored at CSI's Honors and Awards Ceremony at CONSTRUCT.



**Elias Saltz, CSI, CCS, CDT**, Conspectus, Inc is the 2019 recipient of CSI's Outstanding Contribution Award. Elias will be honored at CSI's Honors and Awards Ceremony at CONSTRUCT.

Please [click here](#) and fill out the Members On The Move Form to share your personal or professional news/achievements.

## New Chapter Members

**Mark Daniels, CSI**  
Jacobs Engineering

**Connor Petit, CSI**  
Terrazzo & Marble Supply

**Kevin Kling, CSI**  
CETCO

**Emily Van Tassel, CSI**  
Terrazzo & Marble Supply

## Membership Milestones

### 30+ Years

**Edward Schroeder (61 yrs)**  
CSI, Member Emeritus

**Dennis Hacker (32 yrs)**  
CSI, CCS, CCCA, CDT, AIA, LEED AP, USGBC  
SOM

### 25 Years

**Patrick Duffy Jr., CSI, CCPR, CDT**  
Advanced Building Products

### 5 Years

**David Thomas, MBA, CSI-EP, CDT**  
LP Building Products

**John Stumpf, CSI**

Thank you to all of our members who are celebrating an anniversary with CSI Chicago this month. Membership Milestones features members who are celebrating 5 yrs, 10 yrs, 15 yrs, 20 yrs, 25 yrs and 30+ yrs.



## BE BOLD

Ridley Township Marina, Ridley, PA | Installing contractor: E.R. Donnelly Inc. | Architect: Catania Engineering Associates  
General contractor: J.S. McManus Inc. | Photographer: hortonphotoinc.com  
Profiles: Snap-Clad, PAC-750 vented, ColorGard snow retention system | Color: Copper Penny

The town's business manager opted for Petersen's bold Copper Penny metallic finish metal roof. "It's like a flame; I'm glad they chose it. It sparkles like a diamond."

-Clarice Jones, Project Architect, Catania Engineering Associates

Case study at [PAC-CLAD.COM/RIDLEY](http://PAC-CLAD.COM/RIDLEY)

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## Project Showcase by F.H. Paschen

### 95th Street Terminal Chicago, IL

As one of Chicago's busiest CTA stations, the 95th Street Terminal provides 24-hour Red Line service and over 1,000 CTA and Pace bus trips daily. The updated safe and pedestrian-friendly station grants the Far South Side community easy access to job centers throughout Chicago and suburbs.

This design/build project consisted of constructing a new passenger terminal on the South Side of the 95th Street Station and a renovation/addition to the existing passenger terminal on the north side. A new pedestrian bridge was also constructed over 95th Street, which joins the north and south terminals. 95th Street itself was also widened, and a new bus bridge over the Dan Ryan/CTA Red Line was constructed.

Multiple challenges were presented and overcome while working in and around an active bus and train station as well as the Day Ryan. CTA bus and train operations did not stop throughout the duration of the project, so extensive coordination was required to ensure the job was completed in a safe and timely manner.

The striking red station exhibits art from both world renowned and local Chicago artists including a tapestry of decommissioned fire hoses by Theater Gates and a live radio DJ booth.

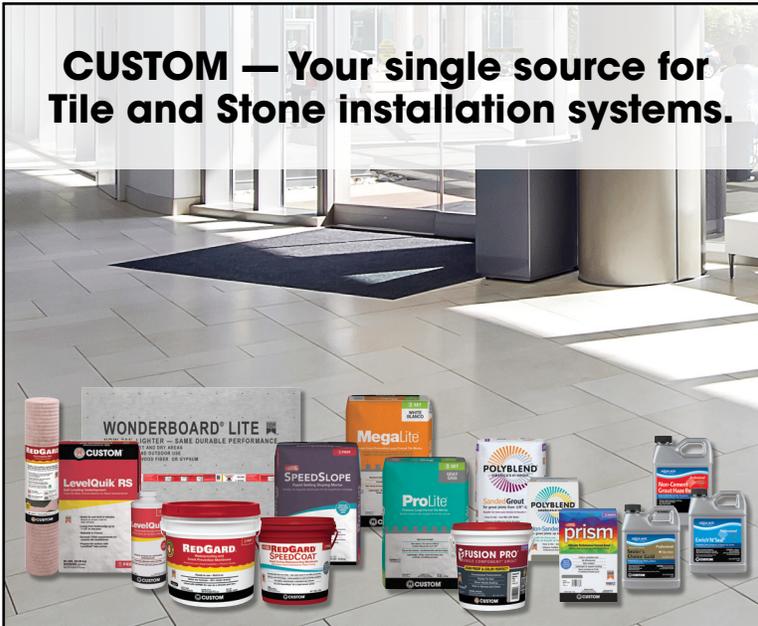


Photos courtesy of F.H. Paschen.

#### Share Your Firm's Project

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## Designing For The Birds

### Chapter Meeting

Bird mortality has been in the headlines a lot lately:

*“3 billion fewer birds than we had in 1970.”*

– USA Today’s September 19, 2019 article

*“As many as a billion birds are killed crashing into buildings each year — and Chicago’s skyline is the most dangerous area in the country.”*

– Chicago Tribune’s April 4, 2019 article

*“Spectacular skylines can also be bird killers. Here’s how a proposed Chicago ordinance is trying to help.”*

– Chicago Tribune’s February 11, 2019 article

Chicago holds many perils for birds, it’s true - but it is also the home of ground-breaking partnerships between the building community and bird conservationists - first the Lights Out program, and now the Bird Friendly Design ordinance.

Two organizers of the Bird Friendly Chicago group will explain why Chicago’s location spells danger for migratory birds, how the proposed new ordinance can help, and what the basics of bird-friendly design are.

[FULL DETAILS & REGISTRATION](#)

[EVENT SPONSORSHIP OPPORTUNITIES](#)

**Date:** Tuesday, October 22, 2019, 5:00-8:00 PM

**Location:** East Bank Club, Chicago

**Cost For Dinner & Program:**

CSI Chicago Members are Complimentary

Nonmembers \$60

**Registration Deadline:** October 15, 2019



**Judy Pollock** is a Bird Conservation Consultant with Living Habitats and also the President of the Chicago Audubon Society. As a bird monitor for the North Branch Restoration Project, she and others founded the Bird Conservation Network Survey, the largest local long-term citizen science breeding bird monitoring project in the nation.



**Carl Giometti** is the president of the Chicago Ornithological Society. Owing to his professional career as an architect, bird friendly building was a natural area for his attention. Carl served on the committee for the Bird Friendly Chicago ordinance writing committee. He is current a Project Architect with Perkins & Will.

## CSI Chicago Platinum Partners

[Click here](#) to contact a local representative.

## CSi2eye 2020

Technical Education Event

### One-On-One Technical Education Event Build Relationships Through Knowledge Sharing

CSi2eye is a high-level technical education event. Through pre-arranged eye-to-eye 20 minute scheduled meetings, CSi2eye provides a platform for top decision makers from Chicago design & construction firms to meet with technical experts from a variety of manufacturers.

**Date:** Thursday, March 12, 2020

**Location:** East Bank Club, Chicago

[FULL DETAILS](#)

### Manufacturers

In addition to getting new industry contacts, through your meetings and networking time you will be able to:

- Introduce new products, systems or capabilities to professionals in a very short period of time.
- Expose the depth of technical knowledge and resources your company has to offer.
- Gain valuable feedback from design/construction professionals and insight on their current needs.
- Hold multiple uninterrupted meetings with professionals in one day and in one location, that may otherwise take you weeks to schedule and travel to.

**Cost:** \$1200 per company upon accepted application

**Manufacturer Application Window:**

September 27 - November 22, 2019

[MANUFACTURER  
DETAILS & APPLICATION](#)

### Design & Construction Team

By participating in this event, you will be introduced to new product and system solutions.

CSi2eye is a complimentary event with limited space for design and construction professionals who are responsible for selecting and specifying materials and are committed to continual learning and staying up to date on products, applications, and resources available today. If you are an architect, specifier, general contractor, project manager, consultant, owner's representatives, etc., this event is for you.

**Cost:** Complimentary\*

**Sessions:** Choose half or full day attendance

**Morning Meetings:** 9:00am - 12:00pm

**Afternoon Meetings:** 1:30pm - 4:30pm

Breakfast, Lunch, & Reception open to all attendees.

**Applications:** Apply early to ensure your seat at this popular event.

[DESIGN & CONSTRUCTION TEAM  
DETAILS & APPLICATION](#)

*\*Design and construction professionals are architects, specifiers, general contractors, consultants, engineers, owner representatives, and other professionals involved in product selection for construction projects.*

## Manufacturers Apply Today To Share Your Knowledge



## MC-101: Modular Construction

Technical Roundtable

Oct 3, 2019 from 12:00 PM to 1:00 PM

Epstein, 600 W Fulton St., 9th Floor, Chicago

**Presented by: John Robertson & David Scott, EPSTEIN**  
Modular construction has received much press recently claiming tighter construction and completion in half the time. Learn the “nuts-and-bolts” about modular construction through the presentation of a case study for a new 25 story, 168 key hotel in mid-town Manhattan.

**FULL DETAILS & REGISTRATION**

## CDT Exam Study Night & Information Session

Certification

Oct 15, 2019 from 5:30 PM to 7:00 PM

Fitzgerald, 912 West Lake Street, Chicago

Whether you are looking for a few last minute studying tips for your fall CDT exam or are thinking of taking the exam in the near future, please join us for this discussion group to learn more.

**FULL DETAILS & REGISTRATION**

## Concrete Moisture Control Solutions

Meet The Reps Roundtable

Oct 16, 2019 from 12:00 PM to 1:00 PM

Goettsch Partners, 224 S Michigan Ave, Chicago

Panel:

Scott Bergsbaken, The Specialty Products Group  
Sandy Bradford-Dice, Xypex Chemical Corporation  
Dean E. Craft ISE Logik Industries  
Heather Rice, Smart Concrete Technologies

**FULL DETAILS & REGISTRATION**

## Holiday Party & Fundraiser

Social Event

Dec 9, 2019 from 5:30 PM to 9:30 PM

Erie Cafe, 536 W. Erie Street, Chicago, IL

Mark your calendar to celebrate the season with us as we fundraise for the CSI Chicago Foundation. A fun night of food, drink, raffle, and friends.

Further details and registration link to be available soon.



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## Apply Today For A CDT Scholarship

Applications for the 2020 Class Scholarship are due by November 22, 2019. If you are planning or just thinking about earning your CDT in 2020 you should learn more about our CDT Scholarship. Visit the CDT Scholarship webpage for requirements and how to apply today.



[CDT CLASS SCHOLARSHIP](#)

## CSI Recognizes Chicago Chapter

CSI National announced their 2019 Honors and Awards Winners and we are excited to announce that our chapter will be accepting our Outstanding Chapter Commendation Award and Communication Award on Oct. 10, 2019 at CONSTRUCT. Chicago members Randy Chapple and Elias Saltz will be recognized for their individual contributions as well. Click the button below the full list of 2019 Honors and Awards recipients..

[2019 HONORS & AWARD RECIPIENTS](#)

## Share Your Firm's Project

Were you on a team that recently completed a project and you want to share it with your fellow members?



If so, share it with us so we can showcase it in this newsletter. You or someone from your company should click on the button below to fill out the project spotlight form.

[PROJECT SHOWCASE FORM](#)

## Share A Tip With Your Fellow Members

Is there a business tool, website, app, book or blog you use to help make your professional life easier and more efficient?



Please share it with your fellow members by filling out the member tip form by clicking the button below. Your tip will be featured in an upcoming edition of this newsletter.

[MEMBER TIP FORM](#)

## CSI Chicago Gold Partners

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<sup>1</sup> In testing performed in accordance with ASTM testing standards, Pella's Duracast® fiberglass composite has displayed superior performance in strength, ability to withstand extreme heat and cold, and resistance to dents and scratches.

<sup>2</sup> U-Factor of Duracast frame is 2.4 times greater than that of thermally broken aluminum when compared in thermal testing.

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## Trivia Night Kicked Off 2019/2020 Programming Season

Written by: Brad Schwab, CSI, CDT

What better way to kick off CSI Chicago's 2019/2020 Programming Season than a social gathering with some healthy competition and great beer. Thank you to our trivia master Jeremy Olsen, our Social Committee, and our event sponsors, [DensDeck](#) and [WickRight](#), for a fun night of networking.

Ballast Point Brewpub on Green St. in Chicago was exactly what the event called for and the over 40+ beers on tap along with the tasty food gave the trivia teams the fuel they needed for success. Team Uno took home the championship gift cards while Ballast Beer Brains held strong in the final rounds to claim the 2nd place prize. Team Pour Horseman came out of the gates strong, they ended up taking home the consolation gift card for the lowest points.

A good time was had by all and we aren't going to lie...some folks need to brush up on their knowledge of Downton Abbey.

Check out photos from the event [here](#).



## September Chapter Meeting: The 78: Chicago's Next Great Neighborhood

Written by: Brad Schwab, CSI, CDT

120+ attendees gathered on Tuesday, September 24, 2019 at Maggiano's in Chicago for our September Chapter Meeting. It was a great night of networking and knowledge sharing.

The night lead off with our President Andrea Baird welcoming our members and guests. Andrea recognized our 27 new members since the last chapter meeting and provided a brief update on our membership growing to 318 members and reviewed our [upcoming events](#). She also highlighted that [2020 CSI2eye](#) applications are opening on Friday 9/27/19.

Jennifer Friedland, our programming committee chair, then introduced our speakers for the night from Related Midwest, Don Biernacki, Senior Vice President of Construction and Michael Pfeffer, Vice President of Architecture. Don and Michael's presentation focused on the current development plans for Chicago's 78 neighborhood. The 78 is a 62-acre blank canvas in downtown Chicago bordered by Clark Street, Roosevelt Road, 16th Street and the Chicago River. The 78 will set a new standard for mixed-use developments. Drawing inspiration from local surroundings, the art, architecture and design elements of The 78 will establish a powerful sense of place and belonging. The presentation focused on the vision, steps, timeline and phases of the project while addressing the players and challenges involved in a development of this magnitude. For more information on this project, visit [www.78chicago.com](http://www.78chicago.com).

Thank you to everyone who attended to make this another successful Chapter Meeting event. Special thanks to Don Biernacki and Michael Pfeffer and our tabletop sponsors – Architectural Woodworking Institute, Emseal, General Shale Arriscraft, Kuraray.



Check out photos more from the event [here](#).

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## Grout Joint Alignment vs. Grout Joint Uniformity in Ceramic Tile Installations

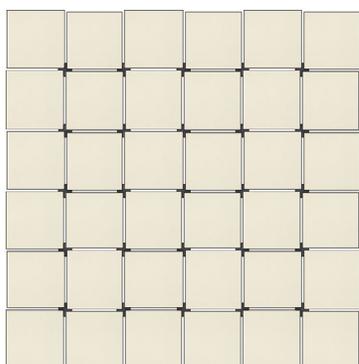
Reprinted from Scott Conwell's Article on LinkedIn



Written by: Scott Conwell, CSI, CDT

“Using tile spacers when laying out floor tile will make your grout joints nice and straight... right?” Unfortunately, this belief is commonly held by building owners, homeowners, and even some design professionals, but it is incorrect. As experienced BAC tile installers know, spacers are more likely to hurt the installation than to help it.

Spacers keep the grout joints consistent in width, but the joints become misaligned due to variations in tile size.

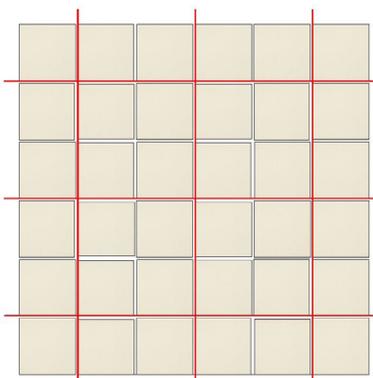


How can spacers, which virtually guarantee grout joint uniformity, i.e. grout joints all the same width, be a bad thing? It has to do with the allowable dimensional variation in the size of the tiles and the inconsistency of the wall dimensions across a room. If the individual tiles were all the same size, and if the corners of the room were perfectly square, then

spacers might be useful. However, we know that tile sizes vary and room corners are often out of square, so good installers rely on being able to make slight adjustments to the grout joint width in order to maintain grout joint alignment.

According to Table 10 in ANSI A137.1, a calibrated porcelain tile is allowed to vary in its facial dimension by as much as ±0.08 inches, equating to a total variation by as much as 0.16 inches. In other words, tiles could vary in size by over 1/8 inch! Similarly, the wall-to-wall dimension could vary drastically when taken from opposite ends of the room. If spacers are used, the grout joints might have a uniform width, but they simply won't line up, and the installation will look terrible. Using a multi-unit grid keeps grout joints aligned, but the joints' widths vary slightly due to variations in tile size.

To accommodate the imperfections in the tile and the imperfections in the backing walls, skilled tile installers are trained to lay out a floor by snapping a grid of chalk lines that will dictate where grout joints will fall. For example, if the tile size is 12" x 12" nominal, a tile setter may snap lines every four feet in each direction,



lining up a corner of the tile on the intersecting grid lines every four feet. Then the installer would lay tile inside the grid with grout joints that are more or less uniformly spaced. This will ensure that the joints line up every four feet, and within each four-foot section of floor, there is uniformity. When the tiled floor is viewed in its entirety, all the joints won't be uniform, but they will be aligned, which is the more important visual consideration.

To the larger issue of layout, the tile setter snaps the grid on the floor in the precise position to eliminate or minimize cut tiles, and it is generally parallel to the longest or most prominent wall in the room. The grid is kept square using the largest possible Pythagorean triple for the size of the room. For example, the installer would snap a right triangle of 8 ft., 15 ft., and 17 ft. or a right triangle of 5 ft., 12 ft., and 13 ft. In smaller rooms the triangle may be 3 ft., 4 ft., and 5 ft.

Now that we've demonstrated the need for variable grout joint width to maintain proper grout joint alignment, let's examine what the ANSI standards say about allowable variation in grout joint width. ANSI A108.02 states, “To accommodate the range in facial dimensions of the tile supplied for a specific project, the actual grout joint size may, of necessity, vary from the grout joint size specified.” This language is intentionally vague, as it does not give a specific value for allowable variation. In recent years, it has been proposed to the ANSI A108 committee that we allow a variation of ±25% of specified width, meaning if the grout joint is specified to be 1/8 in. wide, the actual grout joint could be 1/32 in. narrower than 1/8 in., or it could be 1/32 in. wider than 1/8 in. In other words, a 1/8 in. grout joint could range from 3/32 in. to 5/32 in. To date the ANSI committee has not voted on this language, so right now it's nothing more than a suggestion.

In conclusion, imperfect site conditions and manufacturing limitations of tile are two factors that require tile installers to make slight adjustments which spacers would otherwise preclude, in order to maintain alignment of grout joints. BAC tile contractors and installers have the training and expertise to grid a floor, lay out the pattern, and provide an installation that looks great even under less than ideal jobsite conditions.

[Comment on this article though LinkedIn publication.](#)

*Note: this article is adapted from Scott Conwell's column in the Tile Contractors Association of America journal, 9300 Contractor, Summer 2019 Edition.*

### Recommend An Article

If you read or write an interesting article, please share it with us by [clicking here](#) and filling out an Article Recommendation Form.

## CONSTRUCT - AEC Education & Expo Event From CSI Institute

October 9-11, 2019  
National Harbor, MD

CONSTRUCT is the premier AEC event where the different disciplines in the industry come together. Join Architects, Designers, Engineers, Specifiers, Project Managers, Contractors, Estimators, Owners, Product Reps and more for collaborative learning.

**LEARN MORE**

## CSI Career Center Open News From CSI Institute

Is your firm hiring? The CSI Career Center offers you access to hundreds of job seekers already familiar with the AEC community.

Job seekers: Upload your resume and set up alerts to be notified when relevant jobs are posted.

Maximize your membership and take advantage of the CSI Career Center today!

**LEARN MORE**

## The CDT® is Worth the Effort! Event From CSI Institute

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 Late Registration October 10 – October 31

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- Ability to compare study tips
- Ask questions and get answers

Register for the exam now, and watch your inbox for your personal invitation to join the study group!

You can do it! But don't wait—Save \$170 by registering for the exam before October 10.

[Click here](#) for additional studying resources.

**LEARN MORE**



Patrick Duffy, CSI, CCPR  
Local Representative

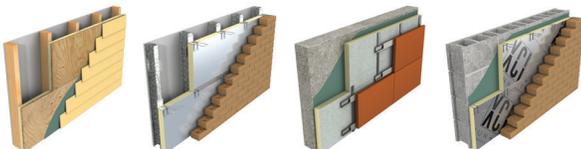
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## CRCA Emerging Leaders TopGolf Event

October 17, 5:30pm - 9:00pm  
TopGolf, Naperville, IL

Networking 101 Workshop: Expand your professional network by applying strategic business development criteria to outreach efforts, narrowing the selectivity of your contacts, and navigating the meeting agenda for mutual benefit.

After the workshop, stay for mingling & Topgolf!

[FULL DETAILS](#)

## IIBEC-Chicago Autumn Meeting & Program and Holiday Social

November 22, 10:30 am – 5:00 pm  
Revolution Brewing BrewPub, Chicago, IL

Topic 1: “Edgewater Beach Apartments Garden Terrace Renovation,” by Kim Lis and Jason Aspen, Wiss, Janney, Elstner Associates

Topic 2: “Evolving Technologies for Evaluating Moisture in Roofing Systems,” by Rolf Snobeck, Tecta America Corp.

[FULL DETAILS](#)

## JBC Masonry Innovation Competition

Submission Deadline: December 15, 2019

\$30,000 in monetary awards in 3 categories:

- Students: Undergraduate or graduate students
- Young Architects/Engineers (under the age of 40)
- A/E Firms, Individual Architects/Engineers, & Cross-Category

Multidisciplinary teams are encouraged in all categories to help facilitate a well-conceived solution, but individual entries are also permitted. There are no restrictions on team size.

[FULL DETAILS](#)

### Advertise Your Chicagoland Event Here!

Submission deadline: 15th of preceding month  
\$100 for chapter members  
\$150 for non-members

Contact: [administration@csichicago.org](mailto:administration@csichicago.org)

## CSI Chicago Silver Partners



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