

CHANGE ORDER

CONSTRUCTION SPECIFICATIONS INSTITUTE CHICAGO CHAPTER



2019!
**GOLF
OUTING**
June 27, 2019
See Page 7

*June
July*

**Communications Committee
Launches Segmented Email Messaging**
See page 8 to learn more.

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Upcoming Chapter Events

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6/12	Summer Roundtable: Building Codes & Common Door & Hardware Errors
6/14	Social Event: Baseball Tailgate & Game
6/27	Social Event: Golf Outing
7/17	Summer Roundtable: Making Transitions: Keeping Air and Water Barriers Continuous
8/07	Summer Roundtable: Gypsum Board: Success in the Field

Included Articles

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9	<i>CSI Chicago Brings New Life To Smith Family Home In West Englewood</i>
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Passing the Baton

Peter Grotenhuis, CSI, CDT

With the way life progresses, the shorter races seem to give way to long term family and career aspirations and we settle into a marathon pace. CSI has been a consistent presence during my professional career, playing a part in my education and guiding my path. I've always valued the relationships and knowledge I've gained from the organization, understanding that it's given me so many opportunities. The past year as President has been an amazing experience, especially now in looking back at what our chapter has been able to accomplish in what seemed like such a short period of time. From planning, to promoting, to delivering, there were so many people that contributed to what we were able to do this year. Being in the position of President really gives you a sense of appreciation for the strength of our Chapter. With this being my last letter to the Chapter, I thought I might share some insight into our annual race.

Starting this year out was like hopping onto a train in motion. Despite having been involved over the last decade with the Chapter I couldn't help but feel the inertia and energy behind all our events and activities. We're confident in the direction we are going, pushing to deliver on our mission and to grow as the organization that brings all stakeholders of Chicago construction together. So much of that comes from the people who have taken on leadership roles within our Chapter. You immediately recognize and appreciate so many, contributing their time, skills and talents year after year to drive a committee forward or to organize one of our outstanding events.

This year we again set records, won awards, welcomed new members, gave back to our community, hosted the Building Commissioner of Chicago, and said 'goodbye' to some dear friends of the Chapter. In a year that we proudly look back on our accomplishments, it gives scale to what Chapter Fellow Dean Walker brought to our organization, in over 50 years of membership. President of CSI Chicago four times, his influence is deeply embedded into our core. It's a reminder of the wonderful history we carry forward when we take office. When Dean passed this year, it provided a moment to appreciate and reflect on the heart of our organization.

Those who blazed the trail, and those who take pride in its maintenance and development are responsible for the success we enjoyed this year. It's allowed us to start the CSI Chicago Foundation to bolster our charitable outreach, and for our members to share their professional skills with those in need from our community. Thank you to everyone who pushed us forward this year.

While making my way through the year, the person I found myself thanking endlessly was our Executive Director, Beth Winkler. She does such an amazing job with the member experience of our Chapter, doing an incredible amount to keep our volunteers and committees organized and on task. We are lucky to have Beth involved with our organization, and I was lucky to have her supporting me this year.

Something that comes into the picture as I am closing in on the end of my term is that this race doesn't have a finish line. It's a relay and we eventually pass off the baton. The recipients for this upcoming year have already been planning their route and are excited to continue to push CSI Chicago forward. As I confidently pass the baton to Andrea Baird as the incoming President, I'm excited to still be a part of the race through my board and committee involvement. Today I am appreciating now much more the energy and commitment that goes into a successful year. Thank you again to everyone that helped me carry the baton this year and all those who helped us get where we are today.

CLICK TO VIEW OUR LEADERS

Thank You 2018/2019 Board Members For Your Time & Dedication



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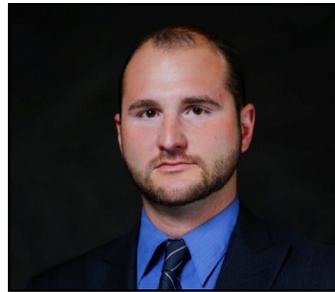
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Thank you to all those who served on a committee in 2018-2019!

COMMITTEE LIST



Member Spotlight

Lance Parker, CSI

Lance spent the initial part of his career working at traditional architectural firms that specialized in a wide variety of commercial buildings. He was always a part of their technical departments, starting out as a draftsman, then developing details and writing specifications. After a couple of corporate jobs with Fortune 500 companies that focused on developing and implementing standardized designs, he went to work for Thornton Tomasetti, where he has been for just over 17 years. His projects primarily involve investigating and developing repair designs for building envelopes of commercial buildings.

Lance encourages emerging professionals to be involved in a professional organization. He joined CSI to learn and interact with other architects. CSI is his favorite because of the shared technical knowledge of the organization. Architects need to constantly and consistently learn and evolve, and being part of a professional organization helps insure that happens. Lance feels our chapter has outstanding speakers with subject matter that influences how he approaches his work.

In his downtime, Lance enjoys spending time in the kitchen and would say he is an accomplished chef, but not to the point where he can quit his day job. One of Lance's most memorable projects was serving as principal-in-charge and Project Manager for his firm's work on Nik Wallenda's historic tightrope walk in Chicago.



Member Spotlight

John Reeves, CSI

John Reeves is the Principle Consultant – Forensic Construction Schedule Claims & Estimating with Rimkus Consulting Group. He has accumulated a variety of knowledge and experience over 30 years from his 20 different employers and contract positions for hundreds of projects in many AEC sectors.

Specifications come up quite often on Rimkus Consulting Group's cases which makes CSI an easy fit for John. He says he joined CSI because project controls herds quite a bit of information, and those systems work best when systematically organized.

His most memorable project was a road project in Naperville that became an IDOT Level 3 construction delay claim. Although there were real quantifiable construction issues which created a memorable case, it also may have to do with the fact that John had the opportunity to fly in a small private jet for the case.

John's knowledge spreads beyond the AEC world as he owns a few patents outside the industry and he also enjoys doing statistical analysis on non-AEC data.

We Want To Spotlight You Next!

If you are interested in being spotlighted, let us know.

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

New Chapter Members

Melissa Bogusch, CSI, AIA, M. Arch, NCARB

(7 year CSI member)
Whitney Architects Inc.

William Long IV, CSI

Vincent Sheridan, CSI

Members On The Move



Elaine Fitzgerald, AIA, CSI, CCS - BKV Group has joined BKV Group's Chicago office as Senior Project Specifier and Senior Associate.



Elias Saltz, CSI, CCS, SCIP - Conspectus, Inc. was awarded Certificates of Appreciation for serving as North Central Region Treasurer and as North Central Region Communications Chair



Brad Schwab, CSI, CDT - Schwab Group LLC presented "Identifying New Opportunities, Finding New Projects" Course at the North Central Region Conference Product Rep Academy on Thursday May 2, 2019.

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



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Project Showcase by Jensen & Halstead Ltd.

Jensen & Halstead recently completed a new medical office space in Des Plaines, IL. The 12,000 SF office is the new home for Dr. Benjamin Domb and his American Hip Institute – ‘the nations’ leading practice in innovative treatment options for the hip.”

Faced with the challenge of an accelerated design and construction schedule, Jensen & Halstead partnered early in the design process with DIRTT Environmental Solutions for a large portion of the new office design, which includes 12 exam rooms, a procedure room, X-Ray, a physical therapy gym, and medical research offices.

With patients ranging from professional athletes to “weekend warriors” to people looking to remedy chronic issues in order to lead healthier lives, Jensen & Halstead utilized all the design options available with DIRTT to develop a modern, state of the art design aesthetic that reflected the new and innovative work being done by the American Hip Institute.

The panelized DIRTT wall system allowed the design team to develop a consistent look throughout the space, while still differentiating public and clinical spaces. Biophilic design was incorporated with a large moss, “living wall” feature. Full height glass walls provide views of a nearby lake while clerestory windows and semi-opaque glass doors provide natural light into internal exam rooms.

Jensen & Halstead worked closely in coordinating the design and construction with Accelerate Built Environments, DIRTT, and Morgan Harbour Construction. The streamline partnership in this project resulted in a timeline of 20 weeks from the beginning of design documents to construction completion.



Photo Credits: Darris Lee Harris

Share Your Firm’s Project

If you were on a team that just completed a project, [click here](#) and fill out a form.

Membership Milestones

30+ Years

Richard Ray, CSI, Member Emeritus, CDT (52 yrs)

A. William Seegers, CSI (41 yrs)

Brian Berg Sr., CSI, Member Emeritus (38 yrs)

Berg Engineering Consultants, LTD.

Stuart Berger, RA, CSI, CDT, AIA (33 yrs)

Dennis Langley, CSI (33 yrs)

Weese Langley Weese

15 Years

Thad Goodman, FCSI, CCPR, CDT

National Gypsum Co.

10 Years

Archie Landreman, CSI

Wood Products Council- WoodWorks

Jeremy Olsen, CSI, CCS, CCCA, CDT, AIA, LEED AP

Daylight Studio LLC

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.

Baseball Tailgate & Game

AIA Eastern Illinois Chapter, AIA Chicago Chapter, & CSI Chicago Chapter's 2019 Summer Outing

Chicago White Sox Vs. New York Yankees
Friday, June 14 | Tailgating: 5:00PM, Game: 7:10PM

Individual Tickets: \$30.00 | Section 154
Registration due by May 15.

[FULL DETAILS & REGISTRATION](#)

Building Codes & Common Door & Hardware Errors

Summer Series Roundtable

Wednesday, June 12, 2019 from 12:00 PM to 1:30 PM
Perkins+Will, Chicago

Presented by: Jana Carlisle, AHC, FDAI, CDT - Product & Sales Training Manager, Hager Companies

Discuss common errors made during the design phase applicable codes to consider when selecting doors and hardware.

[FULL DETAILS & REGISTRATION](#)

Making Transitions: Keeping Air and Water Barriers Continuous

Summer Series Roundtable

Wednesday, July 17, 2019 from 12:00 PM to 1:00 PM
CannonDesign, Chicago

Presented by: Miya Russell, LEED AP® - Building Envelope Manager, Georgia-Pacific Gypsum

Understand how using integrated sheathing solutions help streamline detailing and installation.

[FULL DETAILS & REGISTRATION](#)

Gypsum Board: Success in the Field

Summer Series Roundtable

Wednesday, August 8, 2019 from 12:00 PM to 1:00 PM
Rath, Raths, & Johnson, Chicago

Presented by: Thad Goodman, FCSI, CDT, CCPR, - Construction Design Manager, National Gypsum Co.

Gypsum often occupies 60-75% of the visible indoor space. When done correctly, it is often invisible with other products covering it. Learn how to achieve the best possible outcome in application

[FULL DETAILS & REGISTRATION](#)

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Golf Outing Social Event

CSI Chicago's golf outing offers you the opportunity to network in a more fun and casual environment. To encourage all golfing abilities, the format will be shotgun start with best ball scramble. A beverage cart will be offering cash drinks/snacks on the course.

We will have games with prizes for all skill levels, including no-skill games! Proceeds from the games benefit the CSI Chicago Foundation. Pre-purchase with your golf registration or pay cash at the door.

In the event of inclement weather, we will head next door to Top Golf to enjoy the day.

Activities happening throughout the day:

- Sponsored contests on the course (driving, putting, overall score, etc.)
- Putting*
- Helicopter Ball Drop*
- Marshmallow Drive*
- 50/50 Raffle* (cash only at event)
- *Cost is \$5 each and proceeds benefit the CSI Chicago Foundation.

FULL DETAILS & REGISTRATION



Date: Thursday, June 27

- 9:30am Registration
- 10:30am Shotgun Start
- 3:30pm Lunch, and Awards

Location: Salt Creek Golf Course, Wood Dale, IL

Cost: Includes golf, cart, 2 drink tickets, & lunch

- \$150 Single Golfer
- \$500 4-some (4 golfers) - *Bring a group and save \$100!*
- \$40 Lunch only
- \$5 Mulligans* (limit 2 per golfer)

Registration required by Tuesday, June 18.

Sponsorship Opportunities

Beverage Cart Sponsorship: \$400 (with drink tickets)

Hole Sponsorship: \$175

Contest Sponsorship: \$150 + cost of prize (\$50+ prize value)

Team Contest Sponsorship: \$200

Game Sponsors: \$150 + cost of prize (\$50+ prize value),

Raffle prize donations: Donate a \$25+ item of your choice to the general raffle for the day.

SPONSORSHIP DETAILS & REGISTRATION



Communications Committee Launches Segmented Email Messaging

Check your inbox for more relevant email messaging! It is well known that segmenting your email list and delivering relevant messages to your audience increases the value of your email communications. It's easier said than done but the Communications Committee has succeeded.

This month the Communications Committee is launching member and non-member email communications. This will allow us to send different messages and offers to members and non-members. For example, we will only be sending our Change Order Newsletter to members as that is a value for being member but will now be asking non-members to join CSI Chicago while marketing our programs and events to them.

Segmented email messaging puts us one step closer to our goal of delivering a better experience to our members and non-members.

CSI Chicago members will see one message and nonmembers will see another on select e-mails starting June 1.



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CSI Chicago Brings New Life To Smith Family Home In West Englewood

Written by: Brad Schwab, CSI, CDT

CSI Chicago for the second year in a row sponsored a home through our partnership with Rebuilding Together Metro Chicago. Every year, Rebuilding Together partners with about 100 organizations to rehab dozens of homes in Chicago and in one suburb.

Our selected homeowner, Mrs. Smith, is a loving and endearing 93-year-old woman who lives in West Englewood with her recently disabled daughter, Gloria (63) who is confined to a wheelchair after suffering a stroke. They have lived in their home for the past 46 years. Mrs. Smith's home was in need of major ADA improvements and repairs.

On National Rebuilding Day, April 27, 2019, 46 volunteers from CSI Chicago and Mrs. Smith's family spent the day making major improvements to her home with the ultimate goal of improving the life of both Mrs. Smith and her daughter Gloria. On top of all our volunteers we were able to get help from a number of professional painters, plumbers, electricians and carpenters thanks to our home being selected to be filmed by a camera crew documenting the volunteering efforts of the Unions in Chicago.

“This was the second year CSI Chicago sponsored a home and our membership's generosity was incredible. Months of planning culminated in this one day. The help we are able to provide to this family was amazing. We had snow, we had many volunteers and one very happy and grateful family!”

- Lupe Casimiro, House Captain

Thank You Material Donors

Paint - Behr, Patricia Ruban
 Paint - PPG, Bill Long
 Carpet - Mohawk, Ivana Rosich
 Carpet - Mannington, Rachel Stockard
 Carpet & Flooring - Tarkett, Enza Scianna
 Kitchen Sink & Faucet - Kohler, Michelle Bernardi
 Kitchen Faucet - Kohler, Michelle Bernardi
 Grab Bars - Hafele Daniel Warren
 Wheelchair Lift Installation - Mobility 101, Tara Nieberding
 Concrete Pad/Walk - Walsh Construction, Ernesto Barraza
 Snacks - Lotte Advanced Materials, Kathy St. Joseph
 Snack - Aristech Surfaces, Judy Tolle



Mrs. Smith with House Captain Lupe Casimiro in her new kitchen.

With the help of all the volunteers we were able to successfully provide the following list of home improvements to Mrs. Smith's home.

- General Electrical
 - Replaced 6 light fixtures throughout home to eliminate non-ADA pull chains
 - Added 3 light fixtures in basement
 - Installed outdoor motion activated light fixture at the back door
 - Replaced all light bulbs with LED lightbulbs
 - Replaced/Repaired 6 electrical outlets
 - Added GFCI outlets at bathrooms and kitchen
- Painted 8 rooms
- Installed carpet tile in 4 rooms
- Kitchen:
 - Replaced the subfloor
 - Installed new flooring
 - Replaced cabinets and countertops
 - Replaced kitchen sink
 - Replaced gas range stove
- First Floor Bathroom:
 - Replaced faucet
 - Installed handheld shower head on bar
 - Installed 3 grab bars
 - Provided new bath accessories
 - Provided new raised toilet seat
- Second Floor Bathroom:
 - Replaced faucet
 - Installed handheld shower on bar
 - Installed 3 grab bars
 - Provided new bath accessories
 - Replaced flooring
 - Installed new vanity
 - Provided new raised toilet seat
- Yard cleanup and new yard landscaping
- Plumbing work at water lines to washer
- Secured all stair steps
- Installed 3 new handrails at all stairs
- Provided new joist hangers under the first floor
- Installed a new wheelchair lift at the front door, including power to the front of the home, a concrete walk and pad.

Article continued on next page.

CSI Chicago Brings New Life To Smith Family Home In West Englewood

(Continued from previous page.)

As you can see from the list of improvements, CSI Chicago has a lot to be proud of. None of this would have been possible without the leadership of Guadalupe “Lupe” Casimiro and her Rebuilding Together Committee. Hats off to Lupe and her committee for their dedication to the cause. Their passion for the cause was infectious.

Lupe summed up the 2019 Rebuilding Together perfectly when she told me “This was the second year CSI Chicago sponsored a home and our membership’s generosity was incredible. Months of planning culminated in this one day.

The help we are able to provide to this family was amazing. We had snow, we had many volunteers and one very happy and grateful family!”

2019 Rebuilding Together was made possible by those who donated their time, their money and materials. Thank you to everyone who volunteered, donated money and materials. Our Chapter had 46 volunteers, raised \$10,278.75, and donated a number of materials. We made a difference and a lot of new friends along the way. We will see you at next year’s National Rebuilding Day on Saturday, April 25, 2020.

Thank You Rebuild Day Volunteers



- Guadalupe Casimiro - House Captain
- Kathy St Joseph - Volunteer Coordinator
- John McKeivitt - Committee
- Francisco Rosas - Committee
- Heather Salisbury - Committee
- Ernesto Barraza - Project Runner

- | | |
|----------------------|-------------------|
| Charles Arko | Oscar Hernandez |
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- Mike Rickerson - Atas International

A Night of Celebrating CSI Chicago

Written by: Brad Schwab, CSI, CDT

The 2019 Annual Awards Banquet was a fun night of celebrating CSI Chicago. 70+ attendees came out to help us reflect on our achievements in 2018/2019 at The Cliff Dwellers in Chicago. We thankfully had a break in our rainy weather and everyone was able to enjoy the breathtaking views of Chicago from the 22nd floor patio and enjoy the sunshine.

Peter Grotenhuis, 2018/2019 President opened the Awards Banquet thanking everyone for helping him accomplish his goals this past year and made it clear that it takes a lot of help from Chapter Members to deliver the programs, events and content CSI Chicago puts on in a year. He then noted we should be proud of the achievements we made this past year. The following are just a few of the achievements he highlighted.

- Gained 65 new members
- Increased our average Chapter Meeting Attendance to 119
- Improved communication to members and nonmembers across all marketing channels.
- Elevated charitable outreach initiatives and established a foundation to compliment these efforts

As Peter mentioned it takes a lot of members to make our Chapter successful. He along with Chris Walsh and Scott Conwell recognized the members and sponsors that helped make this year a success.

Check out the full list of [2018/2019 Recognition & Award Winners](#) and our [2019 Annual Awards Photo Album](#).

Thank you to our event sponsor, Custom Building Products, for your support!

Annual Event



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**2019
AWARDS
BANQUET**



5G And Construction

Written by: Gregory Ceton, CSI, CDT
Reprinted from CSI Institute Blog



Recommended by: Brad Schwab, CSI, CDT

This month, I wanted to open the door on a new technology that, while far from secret, few—if any—of us have had the opportunity to experience. To make sure we are able to consider how this technology might change design, construction, project delivery and management, and operation of facilities, we first need to make sure we understand what the new mobile connectivity standard 5G is capable of.

5G is the latest in a series of regular speed updates for mobile technology data transmission. It leaves the current 4G in the dust the same way 4G did to 3G before it, upping the speed factor by an order of magnitude in some cases. The capacity of 5G even outstrips traditional fiber optic and cable internet connections from all but the fastest providers, promising speeds of 1 GB per second and possibly more.

CONNECTED, ALWAYS ON, AND IN YOUR POCKET

At this point, most adults have gotten very comfortable with having regular access to the internet and its tools and information at a moment's notice. Nevertheless, the increase

in speed and the ability to move large amounts of data without delay opens a host of new possibilities.

In addition to speed and capacity to move large files, 5G also promises to reduce the latency, or delay between sending a bit of data and receiving of that data, down to as little as 1 millisecond. 4G currently boasts about 45 milliseconds of latency and though that is a short period of time, it is enough to be just noticeable in many situations.

In the medical field, doctors are already talking about how this increased responsiveness will improve the capacity to monitor patients and perform surgery remotely. China has already conducted an initial test performing surgery over 5G.

5G also has the capacity to completely replace current wired and even wireless networks. For many complex facilities that have a lot of data to move around, like hospitals, the amount of cable in the walls, floors, and ceilings has reached maximum capacity, and the complex infrastructure to support that connectivity is expensive and time-consuming to maintain. 5G promises to do away with all that fiber and copper in one fell swoop.

Article continued on next page.

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5G And Construction (Continued from previous page.)

WHAT THAT MEANS FOR YOUR WORK

In design and construction, there are possible developments that mirror the remote monitoring and functionality 5G promises for the medical field. For example, with the use of gaming engines to present extended reality (XR), increases in the graphic detail and reduction in the computing power needed to work in a building information model will be possible by moving the needed computing power to a remote site and transmitting a constantly refreshed feed of high resolution data to the end users. The use of a common data environment and a single, centrally-hosted model and associated set of federated databases could change and become in many ways more immediate and collaborative than current practices that share those experiences asynchronously.

Even more exciting is the capacity to expand the amount and types of data that Internet of Things (IoT) sensors can track and transmit. Growth in the number of IoT devices is already expected, but that growth plus broader data streams with capacity for better monitoring of spaces, transmission of higher resolution video and audio streams, and more and different sensors all promise the ability to know more about our buildings, and have vastly more data to improve their performance.

THERE'S ALWAYS A DOWNSIDE

Of course, all these increased capabilities also bring with them the capacity for issues from bad or simply careless actors. Issues with the degree of designed-in security in 5G networks have been noted, and as history has shown, weaknesses in security bring with them exploits and problems with privacy.

So what do you think? Looking forward to 5G, apprehensive until they get the security issues sorted, or simply dreading having to buy another phone? Don't keep it to yourself. Leave a comment on the [online blog post](#) or email the author at gceton@csinet.org.

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Forensic Forum

Thursday, June 6, 2019 - 8:00am to 5:00pm
150 North Riverside, Chicago, IL

The event provides an opportunity for structural engineers to share best practices, lessons learned, and new techniques related to the investigation of failures or other performance problems.

[FULL DETAILS](#)

CRCA Emerging Leader Mentoring Workshop

Thursday, June 27, 2019 from 5:00 PM to 9:00 PM
Pinstripes Oak Brook, Oak Brook, IL

This workshop will focus on branding by helping to elevate your professional branding, determine the business niche most aligned with your talents and interests and create visibility as a subject matter expert and thought leader. After the workshop, stay for mingling & bocce!

[FULL DETAILS](#)

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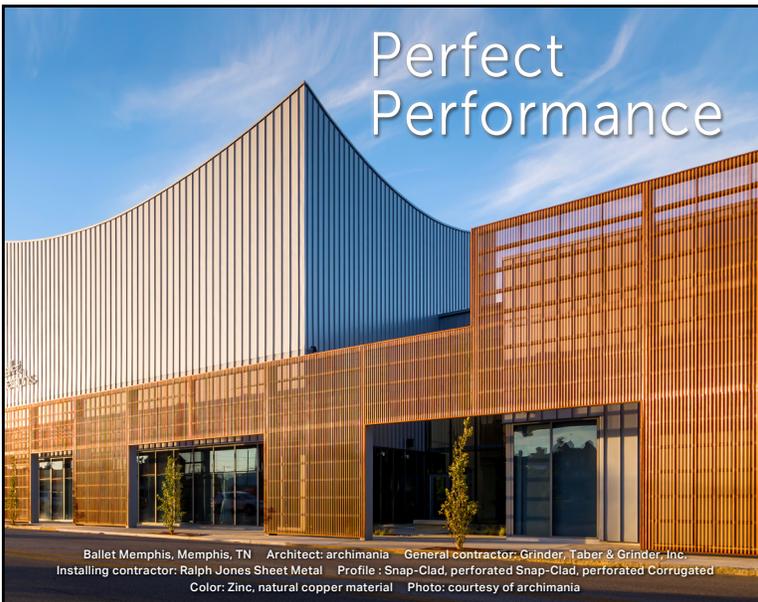
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Perfect Performance

Ballet Memphis, Memphis, TN Architect: archimania General contractor: Grindler, Taber & Grindler, Inc.
Installing contractor: Ralph Jones Sheet Metal Profile: Snap-Clad, perforated Snap-Clad, perforated Corrugated
Color: Zinc, natural copper material Photo: courtesy of archimania

"We wanted to make the project dynamic and energized. The copper screen looks more solid during the day and perforated at night when lights are on behind it—enhancing the urban experience within the entertainment district."

-Todd Walker, FAIA, Principal, archimania

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