

CHANGE ORDER

CONSTRUCTION SPECIFICATIONS INSTITUTE - CHICAGO CHAPTER

Design Fundamentals For Cannabis Grow Facilities

Presented By:
Bruce C. Dobbs, P.E.
President at Mechanical
Systems Engineering



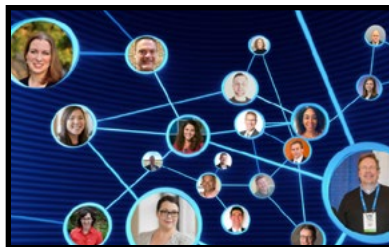
VIRTUAL PROGRAM

Tuesday, October 27, 2020
11:30 AM to 1:00 PM (CT)



2020
October

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M2M CONNECTION

Keeping members connected when we are apart.
See page 3.



Upcoming Chapter Events

10/1 *On The Fly: Adapting Designs And Specifications
For A Pandemic*

10/27 *Design Fundamentals For Cannabis Grow
Facilities*

See page 6.



Events Beyond The Chapter

Events From Our Members,
Partners And Advertisers

See page 7.

Included Article

Unlimited Living in Any Footprint with Häfele

See page 8.



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Embracing Change For Positive Outcomes

We are creatures of habit and if we are honest with ourselves, most of us prefer certainty, which brings predictability and comfort. What words come to mind when you hear the word "change?" Typically, the words are negative, right? Words like "Fear," "The Unknown," "Anxiety," "Confusion," and "Feeling Defeated" come to mind.

However, there are often many positive outcomes that come from change. Transformation, growth, innovation, and advancement are a few positive things that can come from change. Learning to embrace change is a process that we are all managing more than ever right now.

Remember, you are not alone during these unprecedented times. All of your fellow CSI Chicago members are going through this monumental amount of change and are feeling the same way you do. Don't be afraid to reach out to your fellow members or myself for support or ideas to help you get through all of this. We typically have zero control over the changes that we face. What we can control, however, is how we react. And the good news is, if you control your reaction to change, you will find opportunities that others will miss.

Our Board and Committees are embracing the change very well and I am happy to report some positive outcomes from the last three months within our chapter:

- Increased committee member engagement, with over 40 members actively participating in leadership positions right now.
- Maintained our high-level educational programming offerings through implementing innovative virtual technologies and techniques which has resulted in an average of 65 registrants per virtual program.
- Significant progress has been made in getting our Diversity, Equity, and Inclusion Committee and Future AEC Leaders Committee off the ground.

We have a number of exciting new initiatives in development for this year which are a result of embracing change. They include an improved member onboarding process, enhanced member website experience, new member communications, plus we are not done enhancing our virtual programming. I can't wait to see these ideas come to life over the next several months.

Stay tuned and if you have any questions or need anything please don't hesitate to reach out.

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630-772-3516

M2M CONNECTION
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

Dan Warren, CSI

Dan Warren shares that he started his career off calling on Architects back in 1981. Today, he works for Häfele America in the Midwest and is responsible for supporting and assisting nine Häfele Territory Sales Representatives in the Great Lakes Region with their commercial project businesses. Häfele is known internationally as a leading source of hardware, fitting systems, lighting and electronic locking systems for cabinetry, furniture and doors. Dan loves his work, because it is so varied and he never meets a client who cannot benefit or enjoy some of his products.

When Dan joined Häfele almost six years ago, he was happy that the company was supporting CSI Chicago by hosting many events in their downtown showroom, but thought that there was not enough engagement and participation in the local Chapter. Dan says that he has thoroughly enjoyed changing that situation by joining and becoming active in two CSI chapters. The biggest benefit in joining CSI for Dan has been the warm and interesting people he has met, along with the perspective that it has helped him gain. He also adds that CSI has offered him invaluable networking with both specifiers and other manufacturer reps. The opportunity to discuss mutual project delivery needs and experiences while developing friendships has been very enjoyable for him. He says "if you like the construction business and the professionals that lead it, you can't help but enjoy the events CSI has!"

Dan's most memorial project in recent years was The Parker Library project where Häfele supplied custom sliding and folding hardware for movable wall panels with whiteboards. He recalls the unique thing about this application was that the wall panels not only allowed for multi-use of the space, but provided full height markerboards for students and presenters in many different positions.

Dan's tip for others is that YouTube is a great tool for sending short product presentation videos. He also utilizes Google Earth to look at a building or a customer location.

Dan's advice to young AEC professionals is to embrace a learning mindset and find a way to mingle with people who have a lot of experience. He says there is no limit on how much you can learn from others. Dan recommends developing the ability to ask open ended questions and be a good listener, then just enjoy the ride!

In his free time, Dan enjoys golfing and shares that his love for the game started while living in Brazil as a kid. Dan also feels extremely blessed in his life by having a beautiful wife of thirty-eight years, five great kids and two awesome grandkids.

We Want To Spotlight You Next

Fill out a [Member Spotlight Form](#) today!

Members On The Move



Brad Schwab, CSI, CDT shared that his company recently added Getzner to his company's product line offerings.



David Thomas, CSI has taken a new role with Blue Line Building Products. He is working in the Wisconsin and Minnesota markets for business development.

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

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New Chapter Members

Denise Alvera, CSI/
ROCKWOOL

Kyle Ferenc, CSI/
ATAS International, Inc

Michael Brawley, CSI/
Terrazzo & Marble Supply Companies

Sharon Sears, CSI/
SCB

Shaughnessy Cooper, CSI/
Anvil & Smith-Cooper International

Membership Milestones

25 Years

Lynn Javoroski
FCSI, Member Emeritus
CCS, CDT, LEED AP, SCIP

30+ Years

Renee Doktorczyk (30 years)
CSI, CCS, CDT, AIA, FAIA, SCIP
ArchiTech Consulting, Inc.

Dennis Hacker (33 years)
CSI, CCS, CCCA, CDT, AIA, CCA,
LEED AP, USGBC
Fanning Howey

Edward Schroeder (62 years)
CSI, Member Emeritus

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Thank You Members & Partners

Executive Committee News

Thank you to all of our chapter members and partners for your time and dedication in FY2020, it paid off. Because of your hard work we received Construction Specifications Institute's 2020 Outstanding Chapter Commendation Award.



We look forward to celebrating all the [CSI National Awards and Honors](#) at the virtual awards ceremony later this fall.

New Chapter LinkedIn Company Page

Communications Committee News

The Communications Committee has been working the past few months in implementing new strategies and setting forth milestones for our chapter.

One of these milestones is the launch of [CSI Chicago Chapter's new LinkedIn Company Page](#) - Chicago Chapter of the Construction Specifications Institute (CSI).

Our new [company LinkedIn page](#) (Chicago Chapter of the Construction Specifications Institute (CSI)) will address the following:

- Define our brand's identity.
- Obtain analytics data to implement strategies to boost engagement with our followers.
- Post upcoming events, chapter news, job opportunities, etc.

Our [LinkedIn profile page](#) (CSI Chicago Chapter), on the other hand, will continue to implement the following:

- Build our network by reaching out to new connections
- Strengthen our relationship with our current connections.
- Display experience, skills, endorsements, recommendations and interests.

During this transition, we are asking all our current members and connections on LinkedIn to follow our company page (Chicago Chapter of the Construction Specifications Institute (CSI)) as moving forward, this will be the central organization hub for social media postings on upcoming events, news, etc. We are also asking our members and connections to "Like," "Comment," and/or "Share" our social media graphics on the CSI Company page so we can better serve our members, our community, and organization as a whole.

On January 1, 2021 our LinkedIn profile page will cease all social media postings for events, chapter news, job opportunities, etc.

On behalf of the Communications Committee, we appreciate your patience and your collaboration during this migration process.



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On The Fly: Adapting Designs And Specifications For A Pandemic

Virtual Roundtable

October 1, 2020 from 11:00 AM to 12:00 PM (CT)

Discussion Led by:

Melissa Gibson

AIA, CSI, CCS, CCCA, CDT®, LEED AP BD+C
Director, Specifications at Goettsch Partners

COVID-19 has had a monumental impact on architectural and engineering design and construction around the world. The AEC community has been rapidly immersed in a plethora of information and guidelines to implement on new work, but applying recommendations to work already in progress has presented unique challenges to design and construction teams.

This will be a roundtable discussion group for members of the AEC community to share how the COVID-19 pandemic affected projects that were on the drawing boards or already under construction in 2020. We will discuss changes and modifications made on the fly to address concerns regarding the spread of pathogens on job sites and in partially completed projects. We encourage attendees to bring their experiences and lessons learned to share with the group.

Complimentary to CSI Chicago members.

See link for non-member pricing.

Space is limited to first 20 registered attendees.

Continuing Education: 1.0 AIA CES HSW/LU

FULL DETAILS & REGISTRATION

Chapter Board Meeting

Oct 28, 2020 from 3:00 PM to 4:00 PM (CT)

Chapter board meetings are held monthly to conduct chapter business and for the board to hear reports from committees. Requested agenda items must be submitted to chapter president, Brad Schwab, at bschwab@schwabgroup.net at least 8 days before the meeting.

Any chapter member interested in attending the board meeting, must contact the chapter president, Brad Schwab, at bschwab@schwabgroup.net to request a meeting link.

Design Fundamentals For Cannabis Grow Facilities

Virtual Program

October 27, 2020 from 11:30 AM to 1:00 PM (CT)

Presented by:

Bruce C. Dobbs, P.E.

President, Mechanical Systems Engineering

Cannabis grow facilities are a new and emerging market for most of the design world. This virtual presentation will provide an overview of cannabis growing and best practices for designing a functional, safe, code-compliant cannabis grow facility.

Complimentary to CSI Chicago members.

See link for non-member pricing.

Space is limited to first 100 registered attendees.

Continuing Education: 1.0 AIA CES HSW/LU

Learning Objectives:

1. Describe the grow cycles for cannabis plants, and the differences in optimal environment for the plants vs. human occupants
2. Summarize the infrastructure requirements and typical security features of cannabis grow and extraction facilities.
3. Discuss how to provide a functional, safe, & cost-effective design to the client.
4. Analyze the pitfalls to avoid when designing a cannabis grow or extraction facility.

FULL DETAILS & REGISTRATION

Virtual Holiday Party

Dec 3, 2020 from 5:30 PM to 7:00 PM (CT)

We look forward to celebrating the season with everyone. More details and registration to follow.



Remote Learning Library



This library offers online education opportunities provided by CSI Chicago members and chapter partners. All online educational opportunities listed are approved for AIA CES continuing education credits, CEU's for your self-reported CSI certification CEUs, and some events may be approved for other CEUs.

Upcoming Events:

- 10/2, 10:00am - [Designing with Modern EIFS](#) by Sto Corp.
- 10/7, 12:00pm - [The Benefits of Mineral Wool as Continuous Insulation](#) by Owens Corning
- 10/8, 11:00am - [Crack Isolation Underlayments for Tile and Stone Flooring](#) by NAC Products, Inc.
- 10/14, 11:00am - [Simple & Cost Effective Solutions to Energy Code Requirements + Introducing the World's First Fiberglass Window Wall](#) by Cascadia Windows & Doors
- 10/14, 12:00pm - [Fire Safety in Mid to High Rise Structures](#) by Owens Corning
- 10/21, 11:00am - [Effective Thermal Performance of the Building Enclosure - Exterior Walls](#) by Cascadia Windows & Doors
- 10/21, 12:00pm - [NFPA 285 Fire Testing Design and Compliance](#) by Owens Corning
- 10/28, 2:00pm - [Navigating Emerging Building Energy Performance Standards \(BEPS\)](#) by Cascadia Windows & Doors

[SEE ALL REMOTE LEARNING OPPORTUNITIES](#)

Looking To List An Opportunity?

CSI Chicago Chapter members and partners that would like to be a provider can [click here](#) to learn more.

Industry Event Calendar



The Industry Events Calendar serves as a resource for upcoming events for Chicagoland AEC professionals.

CSI Chicago does not facilitate or manage the logistics or details of the opportunities listed below. Attendee management, capacity, content, CEU management and fulfillment, etc., is managed by event host/coordinator.

Upcoming Events:

- 10/6, 7 & 9 - [dormakaba Touchless Technology Retail & Commercial Solutions](#) - Virtual Event by dormakaba
- 10/7-10/9 - [CONSTRUCT Show Virtual Experience](#) - Virtual Event by Informa and CSI National
- 10/7, 8:00am - [Resilient Roofing – Meeting the ASCE 7-16 Standard](#) - Virtual Event by IIBEC-Chicago

[SEE INDUSTRY EVENT CALENDAR](#)

Looking To List An Industry Event?

[Click here](#) to learn more.

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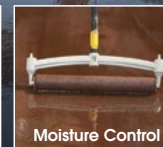
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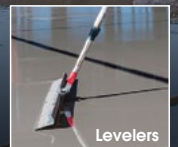
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Unlimited Living in Any Footprint with Häfele

Republished From Häfele America Co.



Recommended by: Dan Warren, CSI

The spaces we live in are getting smaller, but that doesn't mean we should ever have to sacrifice when it comes to comfort, functionality or style. Enter Häfele America Co., one of America's leading suppliers of unique hardware components and solutions,

which will debut and reintroduce a full suite of products during the 2020 Kitchen and Bath Industry Show (KBIS) show which will allow designers and owners the chance at Unlimited Living in any footprint.

This innovative display was conceived and designed by industry leader Michael K. Chen Architecture (MCKA) specifically for the 2020 KBIS show. The micro-living exhibit makes use of Häfele wall bed hardware, wardrobe lifts, flap fittings, TV lifts and much, much more — all built into a tiny space which freely allows for cooking & eating, relaxing & sleeping, entertaining and beyond.

"The very first projects our office designed made use of Häfele's products in rather unconventional ways. This project gave us an opportunity to build even further on that experience a new, unique direction," said Michael K. Chen, Founder

and Principal of MCKA. "Häfele's global reach allowed us to explore how smaller spaces can offer more convenience, purpose and utility, and how they can work like much larger ones."

Häfele's Loox LED Lighting offers functional, task and ambient lighting throughout the micro-living display — including in drawers, glass-edge shelf lighting, in cabinets and beyond. In addition to motion-detection switches, this display marks the U.S. debut of the Häfele Connect Hub which offers voice activation for various lighting scenes as well as control over other Häfele elements such as the display's integrated Electronic TV Lift.

The kitchen area of the display is purposefully built to hide all you'd expect to see and use in a kitchen when not in use and reveal it again when it's time to get cooking. The heavy lifting here performed by a Fulterer FR 777 Bottom Mounted Pull-Out Cabinet Slide which allows the countertop to move effortlessly in and out to expose all one needs for culinary greatness. Food storage and preparation in the space are made possible via a 24" Integrated Wall Oven, 12" Induction Cooktop and Integrated CoolDrawer™ Multi-temperature Drawer all provided courtesy of Fisher & Paykel.

Continued on the next page.



Before



After

Holden Block—1027 W. Madison, Chicago

Chris Carpenter, CSI, CCPR, CDT

Architectural Consultant | 630.675.4750

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Unlimited Living in Any Footprint with Häfele

Continued from previous page.

All drawers throughout the display are the sleekly styled Grass Vionaro Drawer System in graphite finish. Vionaro offers an incredible level of easy, tool free adjustment with under mounted Grass Dynapro slides featuring built in synchronization. Additional, available finishes include silver gray and white. Blind corner storage is made possible via a Kesseböhmer Lemans II Model 40, which discreetly stores items and then allows them to be brought out to the user as needed. Counter storage is achieved with the ECU Forte Cabinet Slide in differing lengths to allow for both fluid shelf movement and adequate clearance.

The closet and clothing storage area features the Häfele Wardrobe Lift — which allowed for the casework to be built up to maximize space — elegantly concealed behind pocketing doors riding on Hawa Concepta hardware. A Tilt-Out Wire Hamper means never having to trip over a pile of clothes. Other clothing storage is available with TAG Hardware's Synergy Elite Wardrobe Tubes.

Anyone unfamiliar with the micro-living concept invariably asks one simple question: where do you sleep? The answer, in this case, is hidden in the wall. Behind the sofa lives a queen-sized wall bed supported by a Wall Bed Fitting Set from Häfele including gas pistons, angular feet and everything

else necessary to raise, lower and support a restful slumber. Bedside storage includes a Rapid Pull-Out Table System as well as Grass Vionaro drawer outfitted with the all-new Docking Drawer Blade Duo USB-C with Power Delivery (PD), an in-drawer charging solution which can charge devices up to 70% faster than standard 12W charging.

Rounding out the micro-living area — and bringing plenty of functionality for entertaining and everyday use — is a convertible island featuring a pull-out, folding table set in motion with the Accuride Linear Motion Track System, integrated Häfele Electronic TV Lift and bar area concealed behind a Häfele exclusive Free Up Lift Up Fitting.

Any space — no matter the size — can benefit from the display MKCA has created with Häfele products at KBIS 2020. The goal, regardless of how much space a designer has to work with, is to add intelligent purpose and infinite usefulness with every project.

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