



THE SPECK
The Construction Specifications Institute

CSI KNOXVILLE CHAPTER MEETING TUESDAY, MAY 9TH COMMERCIAL DOOR OPERATORS

**1 AIA
HSW
/LU**

Presented By: Corinne Furfine, CSI, AIA Allied Member, Senior Specialist,
Architect & Specifier Group, Chamberlain Group corinne.furfine@chamberlain.com



CSI Knoxville April Chapter Meeting

Tuesday, May 9th, Time: 11:30 AM EST - 1:00 PM (EST)
Corinne Furfine, CSI, AIA Allied Member, Senior Specialist,
Architect & Specifier Group, Chamberlain Group

In-Person Meeting Location:
Associated General Contractors (AGC)
Address:
[3306 Ragsdale Ave NW, Knoxville, TN 37909](https://www.agc-knox.org/3306-Ragsdale-Ave-NW-Knoxville-TN-37909)

RSVP: [Click here to RSVP for In-Person Meeting](#)

SCHEDULE

11:30 am - 12:00 pm Sign-In & Networking
12:00 pm - 1:00 pm Lunch and Presentation

The Knoxville Chapter meets on the second
Tuesday of every month. Guests are Welcome!



CSI KNOXVILLE IS A MEMBER OF THE CSI GULF STATES REGION

THE SPECK Editor

Stacy Flick Colbaugh - Editor
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THE SPECK is published monthly by the Knoxville Chapter of the Construction Specifications Institute. Readers are encouraged to submit articles and images of the construction industry interest for our membership. All submittals should be sent via e-mail in a typical file format, such as .pdf, .docx, or .jpg Please verify the accuracy of the information such as correct dates, spelling, and grammar. Deadlines are the 25th of each month.

CALENDAR OF EVENTS

MAY 2023

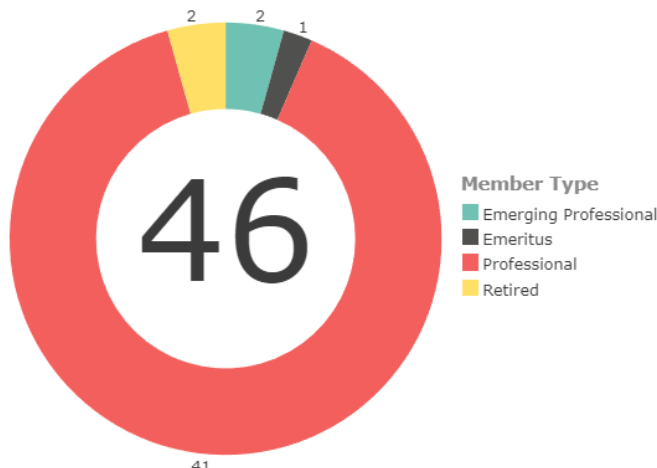
- 02 **CSI Board Meeting** - Tuesday, May 2nd
 Meeting from 12:00 pm - 1:00 pm (EST)
MBI Companies Inc.
[299 N Weisgarber Rd., Knoxville, TN 37919](#)
- 09 **CSI Chapter Meeting** - Tuesday, May 9th
Time: 11:30 AM EST - 1:00 PM (EST)
Commercial Door Operators Presented By Corinne Furfine, Chamberlain Group
AGC: 3306 Ragsdale Ave NW, Knoxville, TN 37909
RSVP: [Click here to RSVP for In-Person Meeting](#)
- 25 **Decompression Hour:** - Thursday, May 25th
 Informal gathering at 5:00 p.m. at Abridged Beer Company, [100 Lockett Road, Knoxville, TN, 37919, United States](#)

JUNE 2023

- 06 **CSI Board Meeting** - Tuesday, June 6th
 Meeting from 12:00 pm - 1:00 pm (EST)
MBI Companies Inc.
[299 N Weisgarber Rd., Knoxville, TN 37919](#)
- 13 **CSI Chapter Meeting** - Tuesday, June 13th
Time: 11:30 AM EST - 1:00 PM (EST)
Prefabricated Fireproof Columns Presented By Tricia Brindle, Fire-Trol (This speaker will be presenting virtually to our group lunch meeting)
AGC: 3306 Ragsdale Ave NW, Knoxville, TN 37909
RSVP: [Click here to RSVP for In-Person Meeting](#)
- 29 **Decompression Hour:** - Thursday, June 29th
 Informal gathering at 5:00 p.m. at Abridged Beer Company, [100 Lockett Road, Knoxville, TN, 37919, United States](#)

JULY 2023

- 01 **CSI Summer Fun Party and 4th of July Celebration** - Saturday, July 1st
 4:00pm - 9:00pm, at **Suzan Jordan's House**
1000 Fox Road, Knoxville, TN 37922
Cell Phone: 389-9476 [RSVP to csiknox@gmail.com](mailto:csiknox@gmail.com)



THE PRESIDENT'S MESSAGE

GREETINGS, CSI KNOXVILLE!

Kathryn E. Fuller, AIA, NCARB, CSI CDT
CSI Knoxville Chapter President
kathrynf@mbicompanies.com



Greetings, CSI Knoxvilleians!

Last month, our April Program at the AGC was presented by Brien Straw, ICC Spray-On. He presented an exciting and entertaining presentation on "Acoustical Finishes for Educational Environments" We had some fantastic food and a big group of first-time guests to our CSI Knoxville program!

We have another great program this month that you won't want to miss. Thank you Tyler Goza for taking the reins on Programs!

This month's meeting Corinne Furfine from Chamberlain Group, will open our minds to "Commercial Door Operators" and learning more about the various styles of commercial doors, types of commercial door operators, and Safety reversing device.

Also, there will be some great door prize opportunities for attendees. So, bring an extra business card for your chance at the drawing to win a LiftMaster Smart Garage Camera or another chance to win a LiftMaster Smart Garage Hub- that can turn anyone's garage into a smart opener!

Come join us for some great Lunching and Learning – we are the COOL CSI!

Kathryn E. Fuller, AIA, NCARB, CSI CDT

CSI Knoxville Chapter President

kathrynf@mbicompanies.com

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CSI NEWS

CSI KNOXVILLE OFFICER SLATE FOR 2023-2024

The Knoxville CSI Leaders:

Chapter President: Brent Williams

Secretary - Geoffrey Cavalier

Treasurer - TBD

Rollover Board Members - Michelle Barillaro, Patrick Brown, Tyler Goza

Incoming Board Members - Ginger Azpurua, Katie Goethert, Lauretta Cocke

Lord of Privy Counsel - Gary Bergeron

Summary of CSI Board Meeting:

Tuesday, April 4th

- Treasurer position has a vacancy and needs to be filled.
- June 8th-10th: 2023 Gulf States Region Conference in Memphis, TN.
- Oct 4th - 6th: 2023 CSI National Conference in Minneapolis, MN.
- Student chapter would like to have at least one site visit this semester
- Student chapter had a sculpture event at TAAST and it went well
- We have presenters for monthly meetings lined up for most of the year
- Gary is working on his next technical article, his last article is being put in multiple other local CSI chapter's newsletters
- Product show went very well.
- CSI now has an Instagram account

MAY 2023 PRESENTATION

Commercial Door Operators

Presented By:

CORINNE FURFINE, CSI, AIA ALLIED MEMBER, SENIOR SPECIALIST,

Corinne has been in the commercial electrical industry for over 9 years with proven experience managing multiple product lines and working with architects, engineers, and electrical contractors to help facilitate project design.



She works as senior specifications specialist on the architect team at LiftMaster, the number one brand of professionally installed residential garage door openers, commercial door operators, residential and commercial gate operators, telephone entry systems and related access control products. At LiftMaster, Corinne uses her knowledge of UL325 and ASTM F2200 to help clients design code compliant commercial door and gate systems. Her passion is in merging design with technology and she enjoys the ability to future proof building designs to include LiftMaster's myQ smart ecosystem of access control products. Additionally, she enjoys plan reviews where she utilizes Bluebeam Software to provide product placement recommendations to illustrate design intent. Please reach out to her if you would like assistance with your designs or in writing the 3 part specification- especially in the areas of section 8, 11, 28, and 32!

Corinne recently served a 3 year term on the planning committee of the American Society of Landscape Architects where she helped curate chapter events, secured entertainment, speakers, and sponsorships, as well as created a social media presence to market events. She has also been involved with the American Institute of Architects, Central Florida Hotel and Lodging Association and most recently joined the Southeast Regional Board of CSI!

Corinne resides in Florida and enjoys running the Disney World half marathons as well as fossil hunting for shark teeth along the beaches with her dog, Tessie. Corinne holds a BS in Business Administration with a concentration in marketing from the University of Central Florida. Go Knights!

Also, there will be some great door prize opportunities for attendees. So, bring an extra business card for your chance at the drawing to win a LiftMaster Smart Garage Camera or another chance to win a LiftMaster Smart Garage Hub - that can turn anyone's garage into a smart opener!



DOOR PRIZE: LiftMaster Smart Garage Camera
https://www.myq.com/products/smart-garage-camera?gclid=Cj0KCQjw6cKIBhD5ARIsAKXUdyalbVlkhFvYu_x0lfhavrHRcUIXZlaEDFEaa9jf04uGattumdwG6FqaAsqvEALw_wcB



DOOR PRIZE: LiftMaster Smart Garage Hub
<https://www.myq.com/products/smart-garage-control>

Corinne Furfine, CSI, AIA Allied Member

Senior Specialist, Architect & Specifier Group

Ponte Vedra Beach, FL

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YOU'RE INVITED TO A LUNCH AND LEARN

Commercial Door Operators

Description

Facilities that require commercial doors and operators depend on the smooth functioning of these systems for productivity, profitability, security, and safety. This course addresses the various types of commercial doors and operators available. Door and operator safety is also discussed, with particular emphasis on the UL 325 standard, its requirements, and the devices that make a door system compliant.

Learning Objectives

- UL 325 Standard
- Various styles of commercial doors
- Types of commercial door operators
- NEMA Ratings for electronic enclosures
- Operator reduction systems and solenoid brakes
- Safety reversing devices

Details

- Course Name: Commercial Door Operators
- Provider: LiftMaster
- AIA/CES Program #: LMCDO120120
- AIA/CES Provider #: 40107190
- AIA/CES Credits: 1 LU/HSW

Please direct all inquiries to:

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Company Overview

LiftMaster is the number one brand of professionally installed residential garage door openers, and a leading manufacturer of commercial door operators, residential and commercial gate operators, smart video intercom systems and related access control products. Our expansive line of smart access solutions includes powerful combinations of reliable hardware and myQ technology that are designed to fit any lifestyle or application, providing the latest technology and innovations in safety, security and convenience.

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WHAT I LEARNED FROM CSI...

PUTTING OUT FIRES



Many of today's building construction documents include fire protection sprinkler design intent drawings developed by mechanical engineers. Most people in the design and construction industry consider this as the "simple" layout of the sprinkler head locations. But the drawings are much more complicated than this. The number and spacing of the sprinkler heads vary depending upon the building occupancy, use, and hazard. The hazard classification can be one of several including light, low, ordinary group 1, ordinary group 2, extra group 1 hazard, extra group 2 hazard, high hazard, and severe hazard. Examples of the hazard classification can be found at <https://buildingcoderesourcelibrary.com/Hazard-Classification.pdf>.

The classification of hazard determines the sprinkler head type and coverage and/or spacing between the heads. Depending on the classification and the space being served, the frangible bulb in the sprinkler





Sprinkler Head Cages

head will be red, yellow, green or sometimes blue. If the sprinkler head is located in a high abuse area such as a gymnasium or a closet shelf, the head may be enclosed in a sprinkler head cage. After the hazard classification is determined, the next item to determine is the fire hydrant flow test data from an adjacent fire hydrant on the property. This test is performed by the utility company, or the fire department, or an independent sprinkler contractor. The flow data should include the static and residual pressures along with the Gallons Per Minute (GPM) flow. The information should also include the elevation of the fire hydrant in relation to the finish floor of the building. This information provides the baseline for the sprinkler calculations to determine if there is enough water flow and water pressure for the sprinkler system to operate correctly



Sprinkler Head Colors

Hydrant Class	Color	Flow
 Class AA	Light Blue	1,500 gpm (5 680 L/min) or greater
 Class A	Green	1,000–1,499 gpm (3 785 L/min to 5 675 L/min)
 Class B	Orange	500–999 gpm (1 900 L/min to 3 780 L/min)
 Class C	Red	Less than 500 gpm (1 900 L/min)

Fire Hydrant Colors (Black is an out of service hydrant)

inside the building. If there is not enough water flow or pressure a fire pump and a fire water storage tank will be required. The calculations include the most remote 1,500 square feet of sprinklers flowing, the inside hose streams from standpipes and outside hose stream used by the fire personnel along with the friction and pressure loss as the water flows through the piping to the most remote area in the building. In the state of Tennessee the State fire Marshal's Office (SFMO) maintains a sprinkler design intent checklist https://www.tn.gov/content/dam/tn/commerce/documents/fire_prevention/posts/FireCodesSprinklerDesignIntentNFPA13.pdf for mechanical engineers to design the system. This 11-page checklist is broken down into several areas. If you want to learn more about this and other building

design and construction ideas, come to the next CSI Knoxville meeting or one of the regional or national meetings.

*Gary T. Bergeron CSI
Principal and Co-Owner
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<https://www.csiknoxville.org/news>

*UTK ARCH Adjunct faculty 461/471 Integration
instructor*

*CSI Gulf States Region Treasurer & Technical chair,
Wetzel Award Winner 2018*

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<https://www.linkedin.com/in/garybergeron/>



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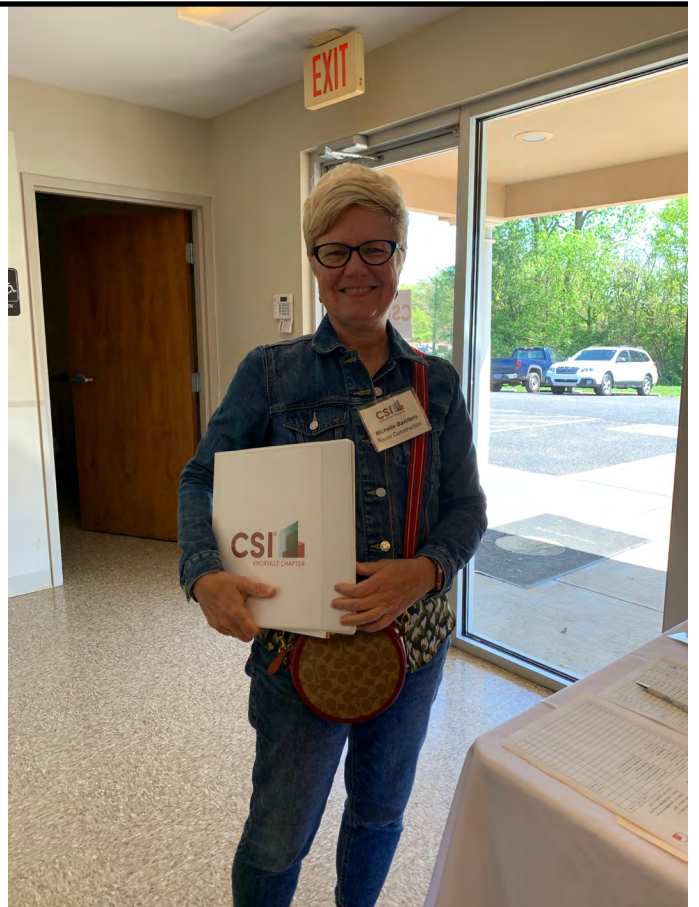
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HINDSIGHT

CHAPTER MEETING TUESDAY, APRIL 11TH

Photos by Ms. Stacy Colbaugh, CSI, CDT, AIA
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