

CSI KNOXVILLE IS A MEMBER OF THE CSI GULF STATES REGION

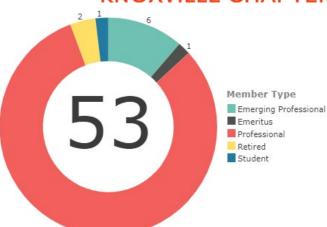
THESPECK Editor

Stacy Flick Colbaugh - Editor sfcolbaugh@gmail.com

THESPECK 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.



KNOXVILLE CHAPTER



CALENDAR OF EVENTS

AUGUST 2024

O6 <u>CSI Board Meeting</u> - Tuesday, August 6th Meeting from 12:00 pm - 1:00 pm (EST) Join Zoom Meeting: https://us02web.zoom.us/j/83014858499 Meeting ID: 830 1485 8499

2024 Awards Banquet & Installation of New Officers: Tuesday, August 13th at the Foundry on the Fair Site
6:00 pm-7:00 pm Social Gathering
7:00 pm Dinner
7:30 pm Awards Program
Free to each CSI member and 1 guest
Reservations required
Click here to RSVP for CSI Awards Gala

Address: 747 Worlds Fair Park Dr., Knoxville, TN 37902

This will be a special evening event, at 6:00 pm. There will be no lunch meeting at noon this month.

29 <u>Decompression Hour:</u> - Thursday, August 29th Informal gathering, 5:30 pm at **Aubrey's** Papermill 6005 Brookvale Ln, Knoxville, TN 37919

SEPTEMBER 2024

- O3 CSI Board Meeting Tuesday, September 3rd
 Meeting from 12:00 pm 1:00 pm (EST)
 Zoom Meeting
- 10 <u>CSI Chapter Meeting</u> Tuesday, September 10th Time: 11:30 AM EST - 1:00 PM (EST) "Adding Resiliency on the Roof: Vegetated Roofs and Blue Roofs" Presented by Chris Sharp, Styro Systems, 1 AIA LU/HSW

AGC Address:

3306 Ragsdale Ave NW, Knoxville, TN 37909

OCTOBER 2024

- O1 <u>CSI Board Meeting</u> Tuesday, October 1st Meeting from 12:00 pm - 1:00 pm (EST) Zoom Meeting
- OSI Chapter Meeting Tuesday, October 8th
 Time: 11:30 AM EST 1:00 PM (EST)
 "2024 IBC Significant Changes COK Transition
 from 2018 Code Family to 2024 Codes"
 Presented by James Tente, City of Knoxville,
 1 AIA LU/HSW

AGC Address:

3306 Ragsdale Ave NW, Knoxville, TN 37909

Please download and import the following iCalendar (.ics) files to your calendar system. Monthly Zoom Meeting

THE PRESIDENT'S MESSAGE

WHAT A SHORT, STRANGE TRIP IT'S BEEN...

CSI Knoxville Chapter Planning Retreat was a success! We have so many new ideas and exciting events planned for the upcoming year! CSI Knoxville Chapter is rolling out the red carpet for our CSI Leaders! The CSI Awards Gala and Officer Installation is on Tuesday, August



13th at 6:00 pm. It is free to CSI Members and one guest... it will be at The Foundry on the Fair Site. RSVP today! Click here to RSVP for CSI Awards Gala

Knoxville Chapter has lots of opportunities for folks to plug in and get involved, so reach out to me if you could spare a little volunteer time to help make our mutual chapter experience even stronger.

Let's do this! Onward and Upward!

Brent Williams Chief Fusion Evangelist, Archteva, LLC Inline image 10629 Hardin Valley Rd, #215 Knoxville, TN 32932 Direct 865.924-9757



HINDSIGHT

CSI KNOXVILLE PLANNING RETREAT, SATURDAY, JULY 13th

Photos By: Ms. Susan Davis, CSI,CDT susanscottdavis@gmail.com

Thank you to everyone who joined us on Saturday to plan for the upcoming year!

If you're thinking about joining CSI, now is the perfect time! We have tons of great programs and events coming up this year.







CSIknoxville AUGUST 2024

CSI LEARNING

WHAT I LEARNED FROM CSI... PSYCHO SLASHER OR LEGIONELLA BACTERIA, WHICH WAY DO YOU WANT TO "BREATHE YOUR LAST BREATH" IN THE SHOWER?

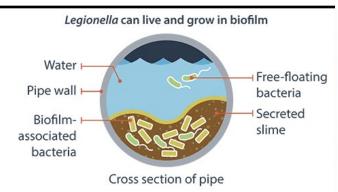
Gary T. Bergeron FCSI Principal and Co-Owner Kelso Peggan Associates

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Many of us are familiar with the Psycho slasher type movies where someone gets attacked in a steam-filled shower. But there are other serious issues at work in steam-filled showers, such as the bacteria causing legionnaires disease. Legionnaires disease is evidenced by pneumonia-like symptoms that was first diagnosed



LEGIONELLA

HTTPS://www.cdc.gov/control-legionella/php/public-health-strategy/?CDC_AAREF_ Val=https://www.cdc.gov/legionella/wmP/overview/growth-and-sPread.html

in 1976 at a Philadelphia convention of the American Legion. 211 of the convention attendees became ill and 29 died. The illness was finally traced back to a poorly maintained HVAC cooling tower. This contaminated cooling tower water mist was inhaled by the convention attendees.

Legionnaires bacteria can also propagate in a domestic hot water system. A person taking a hot steamy bath or shower can inhale the steam. This is not usually a problem unless residents are immune compromised such as in senior living housing or hospitals. The easiest way to kill the bacteria is to maintain a minimum 140° F water temperature. The 2015 International Plumbing Code (IPC) required the water heater tank to be maintained at 140 with temperature limiting device mounted at the water heater. The next iteration of the IPC is rumored to have a six-foot limitation on dead-end legs of



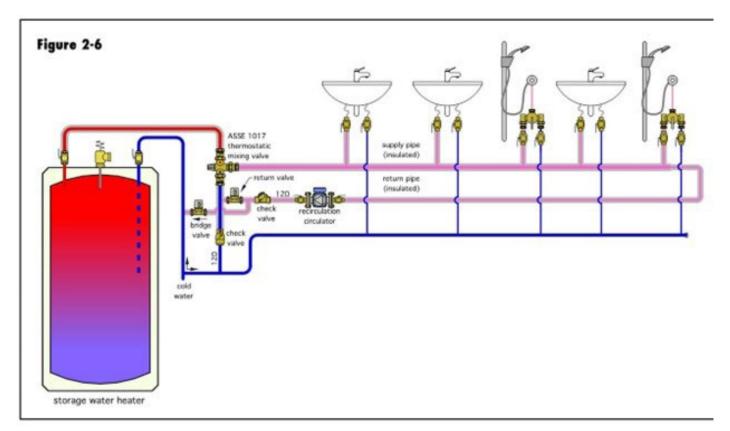
HTTPS://www.abc.net.au/news/2020-06-21/psycho-hitchcock-film-broke-ground-gotaround-hollywood-censors/12367844

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Unprotected hot water system w/o mixing valves https://simonshvacny.com/water-heaters/

stagnant water piping. The ASHRAE, ASPE and ASSE organizations have issued several piping diagrams which indicate how the hot water system should be designed to mitigate legionnaires bacteria growth. The water heater temperature is maintained at 140° F with a thermostatic mixing valve which reduces the water temperature to

120° F to distribute throughout the building with a hot water recirculating pump. Since 120° F could cause scalding, a terminal thermostatic mixing valve reducing the water temperature to 105° F is also specified at tub/showers and underneath any hand washing lavatory or similar plumbing fixture that could cause scalding.



PROTECTED HOT WATER SYSTEM WITH MIXING VALVES

HTTPS://FORUM.HEATINGHELP.COM/DISCUSSION/166397/Is-THIS-DIAGRAM-CORRECT-LOCHINVAR-INSTANTANEOUS
WH-WITH-MIXING-VALVE-AND-RECIRCULATION-PUMP

PROTECTED HOT WATER SYSTEM WITH MIXING VALVES



POINT OF USE MIXING VALVE UNDER LAVATORY HTTPS://www.cashacme.com/ca/en/thermostatic-mixing-valves

Several standards for the thermostatic mixing valves have been developed by the plumbing industry. The mixing valve at the water heater should meet the "Guidelines for Temperature Control Devices" by the American Society Sanitary Engineering ASSE 1017 while the mixing valve at the lavatory should meet ASSE 1070 and the shower valve should meet ASSE 1016. The facility manager at the senior living facility or hospital is responsible for regular testing for bacteria at random points of use. If the water heater and mixing valves are maintained, no issues should arise. If you want to learn more about issues like these in the construction and design industry, please come to the next local or regional CSI meeting. For more information contact Gary Bergeron via email at Gary@Kelso-Regen.com





Master mixing valve at water heater https://www.pmmag.com/articles/104015-the-case-for-the-master-mixing-valve

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CSI NEWS

SUZAN JORDAN WINS GULF STATES REGION'S HIGHEST AWARD

Suzan Jordan, CSI, CDT, CCPR, was presented the Robert V. Bishop Award this week at the CSI Gulf States Region Conference in Jackson, MS. This is the Gulf States Region's highest honor.

Ms. Jordan is a Dupont Tyvek Senior Certified Building Envelope Consultant. She is an authority on



Suzan Jordan, left; Kathy Proctor, right

the subject of moisture management and the building envelope. She often has classes at CSI meetings and with architects, building officials and building contractors educating the design and construction industry about best practices concerning the building envelope and moisture management. She has remarked that the networking opportunities and relationships fostered in CSI provide avenues to reach more prospective clients and help her be seen as a trusted resource to designers and contractors.

She is a member of the Knoxville Chapter and has served in many roles in both our chapter and the Gulf States Region. She is a familiar face at all Gulf States planning meetings, Region conferences and Institute conventions.

The award is given to a Gulf States CSI member who has rendered extraordinary service to the Construction Specifications Institute and especially the members in the Gulf States which include Tennessee, Arkansas, Louisiana, Mississippi, Alabama and the panhandle of Florida. The CSI Gulf States Region Operating Guide states, "This award will be given to a member having at least ten (10) years of continuous membership and who has portrayed exceptional and meritorious service and devotion to the Gulf States Region and to the principles of The Construction Specifications Institute. This award shall be considered as the highest recognition that can be given by the Region."

Recipients of the Robert V. Bishop Award serve as the jury for nominees submitted for this honor. Their service continues to embody the dedication and lifelong service to the Gulf States Region displayed by Mr. Robert V. Bishop, FCSI, CCS. The Knoxville Chapter has one other Robert V. Bishop Award recipient, Kathy Proctor.

CSIKNOXVILLE AUGUST 2024



Join our dynamic and growing architectural firm, committed to delivering innovative and highly collaborative design solutions. Our projects are diverse, ranging from custom residential to restaurants, hotels, storage facilities and commercial shell buildings.

As a project architect with oysk3 architects you will play a key role in leading and managing multiple projects from conception, through design, navigate permitting and into construction at times. This position requires being fully licensed and five to eight years of project management experience with strong people and communication skills.

Responsibilities

Project Leadership

- o Oversee and guide the design process, for a majority of projects within the firm.
- o Communicate effectively within the firm, with various consultants and to all clients.
- Ensure projects meet, or exceed, expectations set, including design needs, budget and schedule.

Client Interactions

- o Collaborate with clients to understand and help define their vision, needs and project requirements.
- o Consistently communicate any questions, issues or schedule updates.
- Respond in a timely manner to all inquiries.

Team Management

- Lead and mentor our growing team of interns and production staff.
- o Foster a team approach with a collaborative and creative mindset.
- o Encourage learning, asking questions and continued growth for all.

Quality Assurance

- o Support processes in place to provide a consistent quality in project deliverables.
- o Conduct team and project reviews to maintain a consistent, reliable and responsive environment for staff, consultants and clients.
- o Be open to constructive criticism as well as share it in a supportive manner.

Qualifications

- o Licensed Architect, held for eight to ten years.
- Demonstrate experience in various commercial project completion in a portfolio.
- Proven ability to lead and manage a project team.
- o Excellent interpersonal and communication skills., verbal and written.

CALL US 865-523-8200
EMAIL US CONTACT@OYSK3ARCHITECT
VISIT US 1545 WESTERN AVE, KNOXVILLE, TN 37921

CSI New Member News

WELCOME NEW MEMBER! CHRIS LEIBENSPERGER, CSI

May I introduce one of our newest members, Chris Leibensperger. He is part of the architectural team at R2R Studio here in Knoxville, where he is currently pursuing his architectural license. The firm focuses on a variety of project types including commercial, residential, interior



architecture, and brand development design.

Chris said that he has been able to work on several different projects in the East Tennessee area including the Shops at Bexhill, Southern Craft BQQ in Greeneville, Patriot's Chicken in Blaine, Monkee's Retail at the Orangery Village, Sweet P's BBQ in Fountain City, Tennessee Stud Cidery in Pigeon Forge and the Town Center Plaza in Gatlinburg. He said that his favorite part of the profession is the "wide range of design challenges each project presents, and the impact each project will have on people as the space is used."

Chris is from Western New York, between Buffalo and Rochester. He graduated from SUNY Alfred State

College in 2009. He came to Knoxville in April of 2021 and joined R2R Studio. When asked what drew him to study architecture, he said, "I grew up building with Lego's and always seemed to create buildings, towns, or houses. In high school I focused on construction and technology classes [where] my passion and interest in how a building came together really took off."

Chris said that he joined CSI to better understand the science of buildings, the different trades in the industry and to network and build relationships. Before moving to Tennessee, he had started getting involved in the local NY CSI chapter. Once here in Knoxville, he was invited to a chapter meeting by Gary Bergeron, FCSI. He hopes to continue to grow and learn, both personally and professionally.

Chris has a daughter who is 6, a son who is 4, and an 8-year-old black lab mix named Bailey. He enjoys hiking, golf, and an occasional nice glass of bourbon. Please reach out and introduce yourself to Chris and welcome him to CSI Knoxville.



CSI KNOXVILLE NEWS

CITY OF KNOXVILLE 2024 I-CODES UPDATES

The City of Knoxville Plans Review and Inspections Department hosted two public meetings highlighting significant changes to the 2024 I-Codes and 2023 NEC. The meetings were held at the City of Knoxville Public Works conference



room. Topics for discussion were presentations on the significant updates for the 2024 I-Codes, MEP Updates, 2023 NEC, and TN Senate Bill No. 2100 Third Party Bill presentation and then followed up by some Q&A. Flyers were shared with links to the Google Slides presentations Slides, see below. If your organization would like to have a presentation or discussion at an upcoming monthly or quarterly meeting, please contact Timothy Marcum and he will help to accommodate as many groups as possible.

<u>Click Here for Presentation Link: 2018-2024 Significant Building Updates IEBC, IBC, A117.1, IRC</u>



Jim Tente (JMT), Building & Plans Review Division Chief jtente@knoxvilletn.gov 865-755-2579



Timothy Marcum (TAM), Deputy Director - Building & Trades tmarcum@knoxvilletn.gov 865-755-2548

Not pictured: Clay Taylor (CAT), MEP Chief ctaylor@knoxvilletn.gov 865-755-2542







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CSI KNOXVILLE MEMBERS – AUGUST 2024

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Mr. Tyler Goza, CSI, AIA

Mr. A. Gordon Heins III III, CSI

Kelley Hicks, MA, CSI, AIA

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200 04	Nick name:			
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Phone: 800-689-2900 CSI Tax ID#: 53-0242938				
Fax to: 703-940-8600	Firm name:			
	Website:			
MEMBERSHIP TYPES	Mailing Address:			
■ Professional: \$375 I am a technically experienced individual whose primary function is to author, manage, or communicate building information; to create,	City State Zip:			
interpret, or use construction documents; or to educate, support, or assist the construction industry.	Business phone: Fax:			
■ Emerging Professional: \$200* I am an individual who has less than three years experience in any construction-related	()			
field and am a prospective Professional Member.	Date of birth:			
III Student: \$70* I am a full-time student enrolled in an undergraduate or graduate program in a construction industry curriculum at an educational institution.	Please review the listings on the back and enter the corresponding number(s) that best describe the following: Occupation code: Firm type code:			
*Emerging Professional membership is limited to three years, at which time members must renew at	Occupation code.			
	Membership Dues and Chapter Designation			
	Membership Dues (See types of membership above) \$ Home Chapter (See reverse side) Include			
CSI Membership	Membership Certificate (Optional) \$15.0			
CSI Membership is good for one year, with your membership starting the day that your payment is received and processed.	Total (US funds only)			
	Signature* "Required to validate your enrollment form (Payable to CSI-please specify "Mem Dues" and if renewing membership include member ID on memo line.)			
CSI 🚣	Visa			
This Enrollment Form pricing is valid from July 1, 2022 through July 30, 2023. Prices and information are subject to change.	Signature* *Signature required for credit card authorization			

Suzan Jordan, CSI, CCPR, CDT

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Chris Leibensperger, CSI

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Membership has its benefits

Your CSI member benefits include generous discounts on CSI standards and formats such as MasterFormat® Groups Subgroups And Divisions, as well as discounts on numerous resources to assist you in the preparation of specifications, as well as other construction documents.

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