

CSI THE SPECK

Knoxville Chapter

The Construction Specifications Institute

CSI KNOXVILLE CHAPTER MEETING TUESDAY, APRIL 9TH, 2019

PBA PROPERTY DEVELOPMENT CITY OF KNOXVILLE PROJECT SUMMARY

Presented By: **Kristin Lee Grove**, Architect with Public Building Authority
Director of Property Development

**1LU
AIA**



CALHOUN'S ON THE TENNESSEE RIVER

400 Neyland Drive
Knoxville, TN 37902
(865) 673-3355

Our Chapter meetings are generally on the 2nd Tuesday of each month and are at Calhoun's on the River in one of the upstairs meeting rooms.



Lunch 11:30 am
Seminar 12:00 pm

\$0 CSI Members
\$0 First-Time Guest
\$20 Returning Guest/
Non-Members

Please RSVP to csiknox@gmail.com by 3:00 pm on Monday, April 8th, 2019

ORGANIZED SEPTEMBER 1958 - CHARTERED MAY 1959

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
scolbaugh@lewisgroup.net

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

APRIL 2019

- 02 **CSI Board Meeting** - Tuesday, April 2nd, Lunch meeting from 12:00 pm - 1:00 pm
New Location: Stacy Colbaugh's Office Lewis Group Architects
6512 Deane Hill Drive, Knoxville, TN 37919
- 09 **CSI Chapter Meeting** - Tuesday, April 9th, 11:30 am at Calhoun's on the River. "PBA"
Presented by Kristin Lee Grove, Architect with Public Building Authority, Director of Property Development. **RSVP to csiknox@gmail.com**

CSI LUNCH & LEARN

Thursday, April 25th, 2019
11:45 am - 1:00 pm

Prefinished Steel Door Frames

Presented by Blake Seymour, Regional Sales Director from The Dunbarton Group
1 AIA/ CES HSW Learning Unit



East Tennessee Community Design Center WATE 6 Carriage House
RSVP at csiknox@gmail.com



KNOXVILLE CHAPTER: APRIL 2019

- 49 PROFESSIONAL**
- 5 EMERGING PROFESSIONAL**
- 3 STUDENT**
- 2 EMERITUS**
- 1 RETIRED**

- 60 TOTAL**



MAY 2019

- 07 **CSI Board Meeting** - Tuesday, May 7th, Lunch meeting from 12:00 pm - 1:00 pm
Location: Stacy Colbaugh's Office Lewis Group Architects
6512 Deane Hill Drive, Knoxville, TN 37919
- 14 **CSI Chapter Meeting** - Tuesday, May 14th, 6:00 pm - 8:00 pm Field Trip: Ijams Nature Center "Recreation Equipment" Presented by Shelia Stewart with Recreational Concepts
RSVP to csiknox@gmail.com

THE PRESIDENT'S MESSAGE

APRIL NEWS!

MR. R. AARON MILLER, CSI, CDT, AIA
Design Innovation Architects
CSI Knoxville Chapter President
AMiller@dia-arch.com



If you missed this year's annual 2019 ETN Building Products Show, you missed an outstanding evening of education, product and services representation, and networking. The Foundry at World's Fair Park was packed, the educational seminar on the recent code changes was very informative and interactive, and this year's attendance was excellent. A special Thank You goes out to Josh Brock and the rest of the focus committee that work tirelessly and diligently on making this year's event a huge success. We have already locked in the date and location of the annual 2020 ETN Building Product Show which will be the evening of Tuesday, March 10, 2019 at the Foundry at World's Fair Park. Mark your calendars and vendors, feel free to go ahead and reserve your booth for next year's event.

As shared with you in October, CSI Knoxville's 60th Anniversary is quickly approaching. The date of the celebration has been set for June 11th at 6pm and will be combined with our annual 2019 CSI Awards Banquet. Be on the lookout for additional information in the weeks to come and go ahead and mark your calendars and make plans to be in attendance for this special evening.

While you are in your calendars, the 2019 Gulf States Region Conference is scheduled for June 7th-8th, 2019 in Little Rock, Arkansas. Visit the Gulf States Region website or the Little Rock Chapter website for additional information.

Don't forget about this month's Chapter Meeting on Tuesday, April 9th at Calhoun's on the River where we welcome Kristin Lee Grove, Director of Property Development with the Public Building Authority as our guest speaker. Note that May's Chapter Meeting will be a special occasion as we visit the Ijams Nature Center for an evening event starting at 6pm as we welcome Sheila Stewart from Recreational Concepts

as our guest speaker which will be followed by twilight tours.

Our mission is to provide a community to communicate, collaborate, network, and educate for the advancement of the design and construction industry. We look forward to seeing you at our upcoming functions, and don't forget to bring a friend!

Mr. R. Aaron Miller, CSI, CDT, AIA
Design Innovation Architects
CSI Knoxville Chapter President
AMiller@dia-arch.com



CSI HIGHLIGHTS

Summary from March Board Meeting
By Ms. Susan Davis, RA, CSI, CDT, PMP
CSI Knoxville Chapter Secretary

Please invite guests to the membership meetings! The board is considering incentives for visitors. Also, as a member, remember we miss you when you don't participate. If you can't make membership meetings, consider some of our other events. Your chapter needs you!

Do you know of a program that would be interesting to engineers as well as others? Let us know!

Our membership is increasing, thanks to you! Remember to renew and invite your colleagues to join.

Kristin Lee Grove
Public Building Authority



Ms. Grove is the Director of Property Development for the Public Building Authority of the County of Knox and the City of Knoxville, TN. In this role, she oversees all phases of construction projects from Master Planning through Construction Administration. Currently she is managing over \$40 million of work.

Prior to joining PBA in 2016, Ms. Grove was a partner at Johnson Architecture Inc. where she was employed for 18 years. She specialized in programming and planning client's goals and needs for both commercial and residential projects.

In her spare time Mr. Grove enjoys working with friends and clients on residential, interior and various other design projects through her company Laurence Lee Design, LLC.

Education

Bachelor of Architecture, University of Tennessee 1997

Affiliations

City of Knoxville Board of Zoning Appeals, Chair
Wesley House, Former Board Member & Fundraising Candidate
CANstruction Steering Committee, Former Member & Judge
Zoo Knoxville, Zoofari Committee Member
Leukemia & Lymphoma Society – Man & Woman of the Year, Former Chair & Member
Pi Beta Phi, Alumni Member

Notable Projects

Alcoa Tenn Federal Credit Union	Five Points Infill Housing
All Saints Catholic Church	KCDC Senior Living Facility
Athens Regional Park	Maynardville Elementary School
Carter Elementary School	Knox County Schools, Various Renovations
City Employees Credit Union	Knoxville Catholic High School
City of Knox Public Works Complex	Knoxville Zoological Gardens, Various Projects
City of Knox Sequoyah Hills Restroom	Linden, NJ Pubic Library
City of Knox State Street Garage Expansion	Martha Washington Inn Pool & Spa
City of Knox West Hills Tennis Center Facility	Maryville City Schools Master Plan
Christian Academy of Knoxville	Roane County Park Waster Plan
Cornerstone of Recovery Residences Coulter	RT Lodge
Grove Intermediate School	Southeast Trade and Conference Center
Downtown Maryville Waster Plan	St. Mary's Catholic Church
Girl Scouts Headquarters	Smith Residence
Grace Lutheran Church Family Life Center	Stuvek Residence
Hillside, NJ Township Municipal Complex KCDC	West Chevrolet Theater in the Park
	Vaulton Residence



HINDSIGHT

PHOTOS FROM MARCH 2019 SEMINAR AND PRODUCT SHOW

Photos by Mr. R. Aaron Miller, CSI, CDT, AIA
amiller@mhminc.com



CSI TECHNICAL

WHAT I LEARNED FROM CSI... WOOD PANELING

MR GARY T. BERGERON, CSI
Kelso-Regen Associates, Inc.
CSI Knoxville Technical Chair
gary@kelso-regen.com



Cabinet drawer false front splitting

Where else can you get a paint expert, wood movement specialist, air barrier technician, an architect, and a mechanical designer in one organization? You can find these people at your local Construction Specifications Institute chapter or CSI Region Conference. Most of us in the construction industry know about solid wood paneling, and its ability to “move” as it expands and contracts with humidity changes. This was illustrated on a recent project.

I was asked to visit a recently completed multimillion-dollar home. This home included several rooms that were surfaced with 8” wide planks of tongue and groove “pickled” poplar wood on the walls and on the vaulted ceiling. It appears the poplar wood was installed without much wood surface preparation. The wood planks were installed with a “penny gap” between the planks

during the humid summer months. Most of the wood paneling was sanded after it was installed on the wall. The wood paneling was “pickled” after the wood planks were sanded. According to Kent Kile at PPG Paints, “pickling” is a diluted paint wash that is usually diluted paint mixed with a solvent. Since this pickling was only applied to the exposed finished surface, only one side of the wood was “sealed” leaving the remaining surfaces to absorb or release moisture. Margaret Fisher of the Architectural Woodwork Institute (AWI) said that all surfaces of wood paneling should have been prepped prior to installation or it would absorb moisture like a sponge and the owner could expect shrinkage and swelling. Some of the wooden column wraps were also splitting where the wood was edge glued to provide a wide column wrap due to the humidity fluctuations.



Exterior View

Some of the false front cabinet drawers were cracking in one room. Further investigation revealed the drawer boxes were fabricated or installed so they were approximately 1/8" too short. Thin silicone bumpers were applied to the drawer boxes and then the false fronts were screwed to the drawer box. Six screws were installed in the rail, stile, and floating panel of the false front. This installation method prevented the floating panel from moving with humidity changes and caused the wood to crack.

As we entered the attic area, we noticed the dome over the circular stair had blown in insulation on top of the dome with no apparent air barrier. Suzan Jordan with DuPont Tyvek reviewed the photos and noted the incomplete air barrier. There were several eyebrow louvers in the roof plane and some ridge vents. This allowed the exterior humidity to penetrate the attic and the remainder occupied space causing humidity fluctuations inside the structure. If the air barrier is not complete, the humidity and air flow paths may cause condensation inside the wall or ceiling cavity resulting in mold.

If you want to discuss this and other construction issues, come to the next CSI chapter meeting or CSI region conference.

*Gary T. Bergeron, Principal and Co-Owner
Kelso-Regen Associates, Inc.*

*CSI Knoxville Chapter Past President
CSI Knoxville House Committee Chair
CSI GSR Technical Committee Chair*

*O: 865-588-5348
C: 865-748-6304*



Cabinet work separated due to shrinkage



Tongue and groove wood paneling gap showing unfinished surfaces



Split edge glued column wrap



CSI KNOXVILLE LUNCH & LEARN: Prefinished Steel Door Frames



THE DUNBARTON GROUP
Your Complete Opening Solution

Presented by Blake Seymour, Regional Sales Director
from The Dunbarton Group

Thursday, April 25th, 2019

at The East Tennessee Community Design Center

Lunch & Networking: 11:45 am – 12:00 pm

Presentation: 12:00 pm – 1:00 pm

An AIA Continuing Education Program

Credit for this course is 1 AIA/CES HSW Learning Unit



This program will be presented by Blake Seymour, Regional Sales Director from The Dunbarton Group. We will explore the history of door frames, discuss the three primary parts of a door frame, types of Hollow Metal frames, and Building codes requirements for fire door assemblies. The audience will learn where, when, and how to specify Prefinished Steel Door Frames.

In this 1-hour presentation we will cover the following Learning Objectives:

- Identify a Prefinished frame unit.
- Compare differences between Prefinished frames and hollow metal frames.
- Identify strengths and value of Prefinished frames.
- Review the types of steel and wood casings
- Review hardware that can and cannot be used with Prefinished frames.
- The proper installation of Prefinished Frames will be covered.
- Discuss the advantages of factory painting over field

painting, standard and custom colors.

- Review positive pressure fire rated frames and components required to maintain that rating.
- Review LEED information in relation to steel frames.

WHERE: East Tennessee Community Design Center WATE 6 Carriage House 1300 N. Broadway, Knoxville, TN 37917

PARKING: You should be able to find a parking space in the WATE parking lot. Also, there may be parking spaces available along Luttrell St.

CREDIT: 1 AIA/CES HSW Learning Unit

RSVP: Lunch will be provided. Seating is limited, if you wish to participate, please click the RSVP below, by 3:00 pm Wednesday, April 24th.

If you have any questions, please contact William Dunklin, via email wdunklin@gmail.com or call (865) 525-6322.

Please RSVP to csiknox@gmail.com

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Membership has its benefits

Your CSI member benefits include generous discounts on CSI standards and formats such as *MasterFormat 2016 Update*, as well as discounts on numerous resources to assist you in the preparation of specifications, as well as other construction documents.

Not a CSI Member? Join Today!
Go to www.csiknoxville.org

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Golf Tournament	Wes Crow	wcrow@tdh-construction.com	(865) 770-0727
Golf Tournament Co-Chair	Josh Brock	joshua.brock@generalshale.com	(865) 388-1833

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