



The Construction Specifications Institute

# CSI KNOXVILLE CHAPTER MEETING TUESDAY, FEBRUARY 14TH DESIGN AS NATURE INTENIDED

Presented By: Angela Prichard, Associate, CSI Hillyer Architectural Products <a href="mailto:angela@hillyersales.com">angela@hillyersales.com</a>

1 AIA HSW /LU



#### **CSI Knoxville February Chapter Meeting**

Tuesday, February 14th, Time: 11:30 AM EST - 1:00 PM (EST) Angela Prichard, Associate, CSI Hillyer Architectural Products

**In-Person Meeting Location:** 

#### Bearden Banquet Hall

Please note a change in location for this month's meeting. Address: 5806 Kingston Pike Knoxville, TN 37919

**RSVP: Lunch Provided** 

RSVP: Click here to RSVP for In-Person Meeting

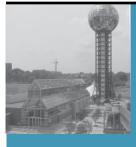
#### **SCHEDULE**

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

Menu: Herb crusted roast chicken, rice pilaf, spinach maria, & banana pudding

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

ORGANIZED SEPTEMBER 1958 - CHARTERED MAY 1959



**CSI KNOXVILLE IS A** MEMBER OF THE CSI **GULF STATES REGION** 

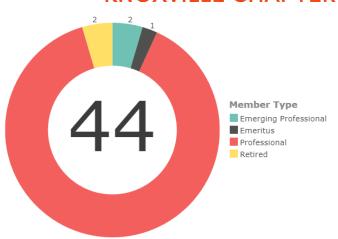
#### THESPECK Editor

Stacy Flick Colbaugh - Editor 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 submitteds should be sent via .pdf, .docx, or .jpg Please verify the accuracy of the information such as correct dates, spelling, and grammar.



#### **KNOXVILLE CHAPTER**



#### CALENDAR OF EVENTS

#### FEBRUARY 2023

07 **CSI Board Meeting** - Tuesday, February 7th Meeting from 12:00 pm - 1:00 pm (EST) MBI Companies Inc.

299 N Weisgarber Rd., Knoxville, TN 37919

14 **<u>CSI Chapter Meeting</u>** - Tuesday, February 14th Time: 11:30 AM EST - 1:00 PM (EST) Presented By Angela Prichard, Associate, CSI **Hillyer Architectural Products** 

> Change in Meeting Location: Bearden Banquet Hall

5806 Kingston Pike Knoxville, TN 37919

**RSVP: Lunch Provided** 

RSVP: Click here to RSVP for In-Person Meeting

**Decompression Hour:** - Thursday, February 23rd 23 Informal gathering at 5:00 p.m. at Abridged Beer Company, 100 Lockett Road, Knoxville, TN, 37919, United States

#### **MARCH 2023**

07 **CSI Board Meeting** - Tuesday, March 7th Meeting from 12:00 pm - 1:00 pm (EST) MBI Companies Inc.

299 N Weisgarber Rd., Knoxville, TN 37919

21 CSI Knoxville East TN Building Product Show: Tuesday, March 21st, Foundry on the Fair Site 747 Worlds Fair Park Dr., Knoxville, TN 37902

> 2:00 - 4:00 pm - Special Event Seminar: Fire Marshal Panel Discussion (AIA, HSW, CEU and ICC available.)

RSVP: Click here to Pre-Register for Seminar

4:00 - 7:00 pm - East TN Building Product Show Free Heavy Hors d'Oeuvres will be served. Everyone in the Design and Construction Industry is invited to this free event.

#### **APRIL 2023**

04 **CSI Board Meeting** - Tuesday, April 4th Meeting from 12:00 pm - 1:00 pm (EST) MBI Companies Inc.

299 N Weisgarber Rd., Knoxville, TN 37919

11 **CSI Chapter Meeting** - Tuesday, April 11th Time: 11:30 AM EST - 1:00 PM (EST) Presented By Brien Straw, ICC Spray-On **Acoustical Finishes For Educational Environments** Click here to RSVP for In-Person Meeting

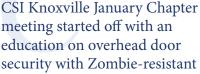
27 **Decompression Hour:** - Thursday, April 27th Informal gathering at 5:00 p.m. at Abridged Beer Company, 100 Lockett Road, Knoxville, TN, 37919, United States

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#### THE PRESIDENT'S MESSAGE

#### GREETINGS, CSI KNOXVILLE!

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





doors and pizza pizza! Fun times were had by all!

That said, you are all invited to our next lunch n learn on Tuesday, February 14th, at Noon! We will be diving into "Design as Nature Intended" This month's program will be provided by Angela Prichard of Hillyer Architectural. Our venue this month will be at a different location in the Bearden Banquet Hall. Please join us for this enlightening and educational presentation.

Also, mark your calendar to join us for an informal Decompression Hour at 5:00 p.m. on Thursday, February 23rd at Abridged beer Company (100 Lockett Rd.)

Next month, save the date for Tuesday, March 21st, and plan to join us for our CSI Knoxville East TN Building Product Show at the Foundry on the Fair Site for Special Event Seminar: Fire Marshal Panel Discussion. Please make sure you join us for the next CSI event!

Kathryn E. Fuller, AIA, NCARB, CSI CDT CSI Knoxville Chapter President kathrynf@mbicompanies.com (o)865.584.0999



### **CSI NEWS**

#### NEW POLICY FOR MEALS AT CHAPTER MEETINGS STARTS IN JANUARY 2023

The Knoxville CSI Chapter's dues of \$130 previously funded the monthly meal costs. The dues structure



change implemented

by CSI Institute in 2022 specifically states that the chapter dues of \$130 may no longer cover the cost of meeting meals. The chapter board voted in November 2022 to institute a fee for monthly chapter meeting meals to address this new requirement. Members will be charged \$10 per meal with reservation in advance or \$15 without reservation.

You may purchase a Meal Ticket in advance for only \$70. This will cover meals at all nine normal monthly meetings (Jan, Feb, April, May, June, Aug, Sept, Oct, Nov). This is an annual savings of \$20. This offer is only available through the month of January 2023.

Click here to pay now, or bring a check payable to CSI Knoxville to the January 10 meeting at the AGC building at 11:30 AM.

If you have any questions please reach out to Suzan Jordan 865-389-9476 or Kathy Proctor 865-599-7783

### **CSI CERTIFICATION**

#### SPRING 2023 REGISTRATION & EXAM DATES

Registration information for the CDT®, CCCA® and CCS®

	Member*	Non-Member*	Student — CDT Only
Early Bird Registration 2/1/23 - 3/3/23	\$399	\$649	\$179
Standard Registration 3/4/23 - 4/4/23	\$499	\$795	\$179
Final Registration 4/5/23 - 5/22/23	\$599	\$935	\$179
Exam Window	5/1/23 – 6/7/23		
Results Notification	July 2022		

\*Registration costs do not include study materials. Visit our bookstore to purchase CSI practice guides and study workbooks.

https://www.csiresources.org/certification/exam-registration

FEBRUARY 2023

#### **FEBRUARY 2023 PRESENTATION**

#### **Design as Nature Intended**

Presented By: Angela Prichard, Associate, CSI angela@hillyersales.com

Angela Prichard Biography: I grew up in Nashville & attended Auburn for journalism/interior design. I worked as an interior designer in senior living & healthcare for 10 years at Earl Swensson Associates. Currently I'm a multi-product



representative with family-owned Hillyer Architectural Products - office in Berry Hill. Hobbies include yoga, cycling, running, and fiber arts (crochet & sewing). I'm an extrovert!

Angela Prichard, Associate, CSI Hillyer Architectural Products 2517 Eugenia Ave. #203, Nashville, TN 37211 angela@hillyersales.com www.hillyersales.com 615-678-7437









FEBRUARY 20 **SI**KNOXVILLE





# The American Institute of Architects Continuing Education System

#### **Provider Program Summary Handout**

(Provider Point of Contact: ceusupport@velux.com)

AIA/CES Provider: VELUX America LLC

**Program:** Design as Nature Intended

Credit: 1 LU/HSW Program #: 000380 Length: 1 hour

**Description**: This presentation addresses how the built environment impacts our fundamental nature as human beings—both from a physiological and psychological standpoint. This course offers innovative ways to design sustainable, energy efficient daylighting solutions that are good for both people and the planet. Covering design considerations and project profiles, enrollees will understand how daylight and fresh air create comfortable, inspiring commercial spaces where we learn, work, and recover.

#### **Learning Objectives:**

- 1. Define what the Indoor Generation is, how it came to be, and the pivotal responsibility it places on the built environment.
- 2. Discuss how the indoor environment impacts occupant health and wellbeing.
- Examine solutions to indoor environmental concerns and showcase innovative ways to introduce natural light, fresh air, and energy efficiency into commercial spaces.
- Demonstrate how architecture can be designed and certified for wellness and how architects, builders, and building owners can promote healthy living and working environments with skylights.

**How Taught:** The CES facilitator utilizes a PowerPoint presentation.

**A/V Needed:** Electrical power and a screen for the PowerPoint presentation. (The CES facilitator supplies the laptop and projector.)

**Target Audience:** Architects, specifiers, owners, and other design professionals. The ideal audience size can be one on one or over 50. This program meets every experience level with time designed into the program for questions and answers.

**Facilitator Qualifications:** All VELUX America LLC CES facilitators have been trained on CES Guidelines and presentation skills.

**Costs:** There is no cost to bring this program into your firm or chapter meeting.

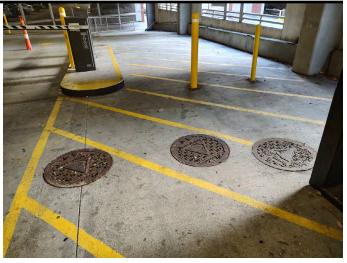
## WHAT I LEARNED FROM CSI...

# OIL INTERCEPTORS



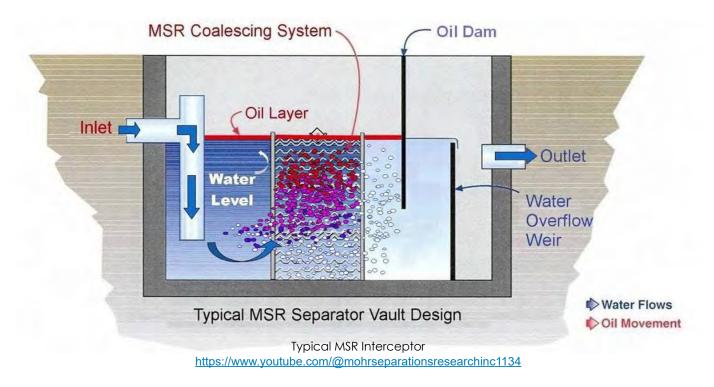
Many of us drive into a multi-level parking garage and may notice the oil spots left from the various vehicles in the parking areas, but how many of us consider where that oil ends up as it flows down the drain holes? Many parking garages and other facilities are designed with floor and/or trench drains connected via waste piping to below grade oil interceptors which remove oil from the wastewater before it is discharged to the public drainage system. Oil interceptors are also used in car washes, vehicle repair garages, auto dealerships, hydraulic elevator pits, airplane hangars, and factories where oily waste is produced. The intent of the oil interceptor is to prevent environmentally dangerous and possibly flammable hydrocarbon substances from entering the municipal wastewater piping and/or treatment plant.

An oil interceptor is similar to a grease interceptor used in restaurants, but the number of internal chambers, baffles, and separation method vary between them. Most oil interceptors are designed with at least three internal chambers which

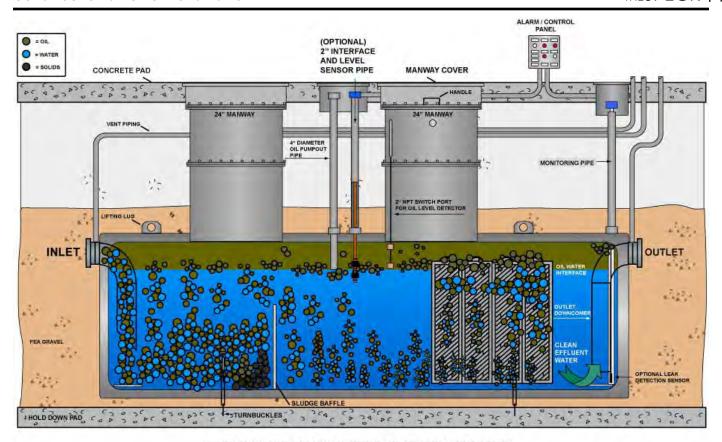


Market Square Parking garage sediment trap and oil interceptor covers (Downtown, Knoxville, TN)

gradually reduce the sediment and hydrocarbons in the wastewater. They can be fabricated from high strength concrete, fiberglass, High Density PolyEthylene (HDPE), or steel, but some public wastewater utility companies have their own approved designs. The oil interceptor should be "pumped out" on a regular schedule through the manholes to remove the oil/hydrocarbons and sediment then the material is disposed in a sewer utility- approved manner. The size of the holding tank is determined by local codes, and usually determined by the area being drained and the number of floor and/or trench drains in the system. As the water enters the tank, a baffle plate reduces the flow and turbulence so that oils rise to the surface of the water. The tank collects oil and sediment and then stores it for later disposal. Clean water passes through to the stormwater/sewer system. Government environmental standards have increased specifications for stormwater systems.



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ECOLOGIX HQB BELOW GROUND OIL/WATER SEPARATOR

https://www.ecologixsystems.com/product-oil-water-separators-below-ground/

Oil leaking from vehicles and manufacturing facilities can cause hydrocarbons to contaminate rivers, groundwater and soil. Drains in parking garages, vehicle-maintenance facilities and manufacturing plants collect water runoff that may contain oil or sediment. Oil interceptors filter the water and store the oil and sediment. Business owners install oil separators to prevent environmental pollution and avoid costly fines.

Most people don't consider this, but most car wash facilities recover and reuse most of the water used in the process because water is a costly resource. The wastewater, which after doing an undercarriage wash, can include sediment, grease and oil and goes through three treatment tank stages. Stage 1 is a solids settling tank, stage 2 is an oils and solids separation tank, and stage 3 usually goes through a water filtration, odor reduction and water polishing tank. The "cleaned" wastewater is then sent to a holding tank where it is pumped back to the car wash system to be reused. The oil from the stage 2 tank is sent to an oil interceptor for final separation before draining to the public sanitary sewer.

If you want to learn more about construction techniques, specifications, and other systems, please come to the next local CSI meeting, regional, or national CSI conference.

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CSIKNOXVILLE FEBRUARY 2023

C: 865-748-6304





# 2023 Hiring Expo

BXTN and CTEP are proud to be the construction industry title sponsors of Knox County Schools's first ever 865 Ready! Hiring Expo. The Expo will be open to area high school juniors and seniors, as well as the community at large, and is a great opportunity to identify new hire candidates for your company.

Date: Thursday, April 20, 2023

Time: 9:00 AM to 6:00 PM (booth setup opens at 7:30 AM)

**Venue: Bridgewater Place** 

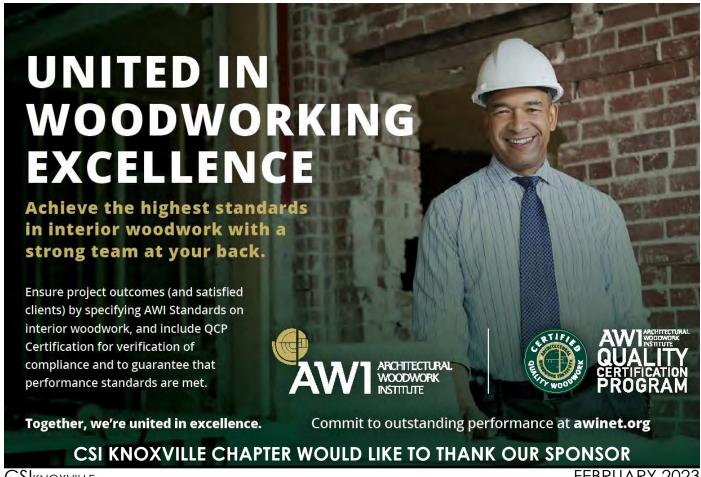
Location: 205 Bridgewater Rd, Knoxville TN 37923

Each 10 ft. by 10 ft. booth is \$200 and includes a table with two chairs, access to WiFi, and two boxed lunches. Electrical connections will be available for \$15 on the day of the event; you must provide your own extension cord(s).

Complete the registration form below to let us know your company will be there. BXTN will contact you to make payment arrangements.

Have additional questions before registering? Please contact Nick Forrester directly - nick@bxtn.org or (865) 338-7277.

Reserve your Booth at the 2023 Hiring Expo Now!



FEBRUARY 2023

# CHATTANOOGA CHAPTER Essential Wall ....Design to Build Components 2 pm to 3 pm Session 2 Tick Here Event Details Register & 0 Chattanooga Masonry CSI Chattanooga Some Build 3 pm to 4 pm Product Show Masonry – Hands on HSW/CEUS Association Session 3 & SCMA 0 Learn how to ... Event Hall—3 CEUS HSW 890 Riverfront PKWY Chattanooga Whiskey Thursday Elements of 2/16/23 Masonry Walls 1 pm to 2 pm Session 1



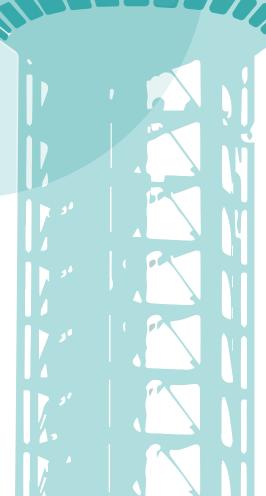
March 21, 2023 4:00 - 7:00PM

Foundry on the Fair Site 747 Worlds Fair Park Dr. Knoxville, TN 37902

#### **Special Event**

Fire Marshal Panel Discussion
2:00 - 4:00PM
Free Heavy Hors d'Oeuvres will be served.
RSVP: Click here to Pre-Register for Seminar

Everyone in the Design and Construction Industry is invited to this free event.





March 21, 2023 2:00-4:00PM

Foundry on the Fair Site
747 Worlds Fair Park Dr.

Knoxville, TN 37902

# **Panel Participants**



# **Daniel Johnson**

Town of Farragut Fire Marshal.

Past president of the Tennessee Fire
Safety Inspectors Association and
the East Tennessee Building Officials
Association.



# Wayne Morris

Plans Examiner Supervisor for the Tennessee State Fire Marshal's Office. Tennessee State Advocate for the National Fallen Firefighters Association.

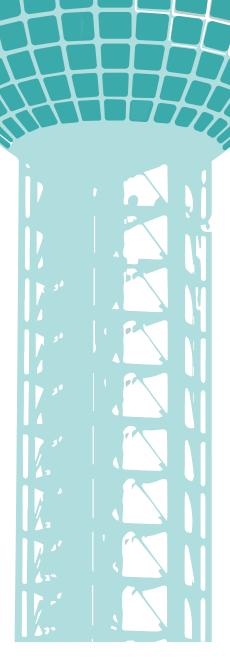


# Sonny Partin

Assistant Chief and Deputy Fire Marshal for the City of Knoxville.

RSVP: Click here to Pre-Register for Seminar

For more information about the panel participants, visit the CSI website: https://csiknoxville.org/



# **HINDSIGHT**

#### JANUARY CHAPTER MEETING

Photos by Ms. Stacy Colbaugh, CSI, CDT, AIA scolbaugh@lewisgroup.net





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CSI GULF STATES REGION

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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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