



**December 2015**

**Issue #002**

# SPECWORK

## Gulf States Region Leadership Conference Dates Announced.

**Annual Gulf States Region Leadership Conference  
Annual Southeast Region Leadership Conference  
Joint Event**

**April 21, 2016 through April 23, 2016**

**Crowne Plaza Pensacola Grande**  
200 East Gregory Street  
Pensacola, FL 32501

P.O.C.  
Tom Ferguson  
Phone: 850.936.8186  
tom@csinet.org

To Register click the link below:  
<http://events.csinet.org/contact.com/register/event?lfr=y?qs=Sub&code=2016yq2a8659ca6136>



The Gulf States Region is partnering with the Southeast Region to hold our first ever Joint Region Leadership Conference. This is a great opportunity for anyone in a leadership position to not only touch base with other leaders and committee chairs from the Gulf States Region, but those same positions from the Southeast Region as well. If you are a leader within the Little Rock Chapter, I would highly recommend that you plan on attending. If you have considered becoming a leader or if

you are simply interested in attending, the Little Rock Chapter is starting to collect names of those attending. I would love to take a large contingent of Chapter Members, including as many first time attendees as possible. If you have any questions about what goes on at these events or how you can become involved please contact me or any other Little Rock Chapter, CSI Member.

### MISSION OF CSI:

**“Advance the process of creating and sustaining the built environment.”**

“CSI is a national association dedicated to creating standards and formats to improve construction documents and projects delivery.

The organization is unique in the industry in that its members are a cross section of specifiers, architects, engineers, contractors and building materials suppliers.”

From CSI Website: csinet.org

#### IN THIS ISSUE

Page 2-3—President’s Message	Page 2-3—President’s Message
Page 4—Board of Directors report	Page 5-6— Education Questions
Page 7-13—Katie’s Corner	Page 14—16 — GSR/SER Joint Event
Page 17- - John W. Murray, CSI, CDT—Nominee for GSR VP	Pages 18 —What I Iearned in CSI by Gary Bergeron
Page 19—20—Reusing Materials to make Old New Again	Page 21—Connect with LRCSI



# PRESIDENT'S MESSAGE

The Holidays are once more upon us. Thanksgiving is a recent memory and Christmas will be upon us before we know it. While this is a time of giving and receiving within our families (both personal and professional), I would like to ask each and every one of you to remember those who are in need this holiday season as their need will be felt more now than any other time of the year. Think of the foster children needing presents and basics, think of those who are enduring the weather without proper clothing, think of those who go through each day wondering where their next meal will come from, and think of those who do not have a home to go to and are wandering our streets and roadways every day. I know you cannot help them all, but you may be able to help at least one. Also, please remember those who are serving our Country in many faraway places and their families serving the same tour here at home, and those who will be working to make sure we are safe, secure and protected as we go about our daily lives. Remember them in your prayers and when you see them, let them know you appreciate the sacrifices they make for us.

I know that each and every member of the Little Rock Chapter, the Gulf States Region and even the Institute itself all know are at least familiar with what CSI is. In case you may have forgotten, I am going to give you some basics.

Everyone is familiar with CSI (Crime Scene Investigation), however the shows on TV are fantasy. There is another CSI out there. The Construction Specification Institute, or CSI, also exists. Anyone familiar with construction and construction specifications know that this CSI is very important to the construction world. CSI is an all-inclusive association. By this I mean that if you have anything to do with the Construction Industry, then you are eligible for membership. Below is the History and General Information provided on the CSI Website.

CSI was founded in March 1948 by the specification writers of government agencies who came together to improve the quality of construction specifications. The Institute's efforts were essential in improving construction specification quality so that it could meet the demands of the post-war construction boom. Development of specifications best practices, promulgating standards/formats, professional education, and certification were cornerstones of the Institute.

The Institute grew quickly to include specification writers in the private sector, design professionals concerned about communicating their vision in construction documents, constructors interested in delivering high-quality facilities, and material suppliers with unique solutions to construction challenges. These construction professionals continue to work together today as CSI members to effectively communicate the designers' vision, the material producers' solutions, and the constructors' techniques to create outstanding facilities that meet facility owners' objectives.

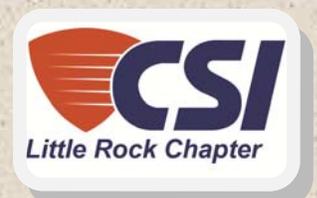
## Our Mission

The mission of CSI is to advance building information management and education of project teams to improve facility performance.

## How We Do It

CSI is a national association of more than 13,000 volunteers, including specifiers, architects, engineers, contractors, facility managers, product representatives, manufacturers, owners and others who are experts in building construction and the materials used therein. They are dedicated to improving the communication of construction information through:

- ◆ A diversified membership base of allied professionals involved in the creation and management of the built environment.
- ◆ Continuous development and transformation of standards and formats.
- ◆ Education and certification of professionals to improve project delivery processes.
- ◆ Creation of practice tools to assist users throughout the facility life-cycle. Join a CSI Practice Group!



CSI is governed by a Board of Directors, a nationally elected body that provides long-range strategic leadership. The Board is composed of nationally elected CSI officers, including the president, president-elect, two vice presidents, the secretary, and the treasurer; elected representatives (directors) from each of CSI's 10 regions; and a director at large. CSI's executive director/CEO is a corporate officer.

## Our Key Programs

**140+ CSI Chapters:** CSI chapters across the country do more than provide networking – expect high-quality education programs and events that help members share real-world solutions and better understand the roles and responsibilities of each member of the construction team.

**Certification:** CSI is renown in the industry for its rigorous certification programs, which include:

- ◆ Construction Documents Technology (CDT) Certificate -- A comprehensive overview for anyone who writes, interprets, enforces, or manages construction documents.
- ◆ Certified Construction Specifier (CCS) -- Demonstrates excellence in specifications and contract document preparation.
- ◆ Certified Construction Contract Administrator (CCCA) -- Truly understand all facets of the construction process and contractual relationships.
- ◆ Certified Construction Product Representative (CCPR) -- An in-depth understanding of the construction process and superior ability in effective representation.

**Education:** CSI education focuses on teaching the roles and responsibilities of each member of the team, and how products and materials interact on the jobsite. (Try one of our webinars!)

**Standards & Formats:** CSI works with organizations around the globe to create and maintain the standards and formats that guide the construction industry's communication and documentation including:

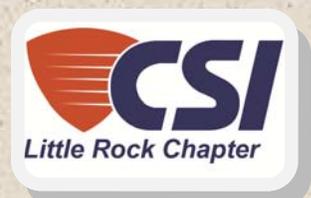
- ◆ MasterFormat: The industry standard for specifications, estimates and product data.
- ◆ GreenFormat: A format that organizes detailed information about products with sustainable attributes so that designers and manufacturers can make informed decisions on utilizing the products that best address project needs and communicate those choices clearly to the construction team.
- ◆ UniFormat: This format organizes Preliminary Project Descriptions, cost estimates, BIM objects, and early project information.

**BIM:** CSI puts the “Information” in Building Information Management. CSI works with organizations in the U.S. and around the globe to develop standards such as OmniClass and the International Framework Dictionary, which provide a foundation for clear communication, advance interoperability between software tools, and which aid in increasing BIM use.

**CONSTRUCT & The CSI Annual Convention:** Accredited education, unparalleled networking and a full exhibit hall floor with the latest products, services and solutions.

## Come and Join Us

Membership in CSI is as easy as getting in touch with an existing member, sending an email to your local Chapter, visiting our website at [www.csinet.org](http://www.csinet.org) (for the institute) or <http://littlerock.csinet.org> for your local Little Rock Chapter. Membership dues are \$240.00 per year and the local dues are different depending on where you are located. The Little Rock Chapter annual dues are \$40.00 which makes your total investment \$280.00. This is by far one of the least expensive organizations that you can belong to and we have no requirements other than you be employed or associated with the Construction Industry. Currently CSI has Chapters in all 50 States and several overseas Countries. The networking opportunities are fantastic. So come on out and join us in working to improve the construction industry or as we like to put it “Building Knowledge and Improving Project Delivery”.



# YOUR BOARD OF DIRECTORS AT WORK

Old Business carried over from the previous Fiscal Year.

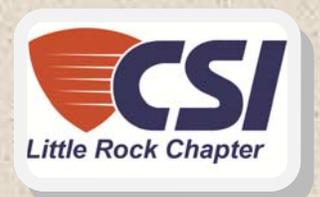
- a. 2014 Golf Tournament Final Report: While we had a successful tournament, we did have a bit of difficulty collecting a few final sponsorships. This was completed and the item was closed in September 2015.
- b. Financial Audit: Status of the financial audit. – The internal audit of the Chapter Books was completed with no issues noted. David Bradke assumed full control of the finances of the Chapter as Treasurer for the Little Rock Chapter as of August 15, 2015.
- c. Fall 2015 LRCSI Golf Tournament: We have had an interesting road of this topic. We started the Fiscal Year by setting the date of October 9<sup>th</sup> as our target date for the Tournament. However, the closer to the date we went, the more tournaments and other challenges were noted so we were forced by circumstance to change the date to April 29<sup>th</sup>, 2016. We will be getting much more information out on this.

New Business brought to the Board since July.

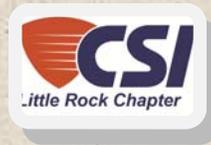
- a. Program Opportunity: “Applications and Benefits of Using 3D Laser Scanning During Construction”. This is happening on Friday, November 13<sup>th</sup>, 2015. I am hoping to have well over 100 students, members, and others at the presentation. Please distribute the flyer attached to this newsletter to whomever you feel could benefit.
- b. LRCSI Storage Reduction Task Team: Formed with Jerome Sorenson as the Chair. The Task Team has been tasked to review the hard copy information currently stored at Sanders 2000 and make recommendations on consolidation, coordination and destruction of same. This Task Team is expected to be complete sometime before December 15, 2015.
- c. Construct 2015, St Louis, Missouri. Billy Mathis from Taggart Architects, Jerome Sorenson from WER Architects/Planners, Cindi Toney from Cromwell Architects, Katherine Flower from Assa Abloy, Melinda Jester from Lewis Elliott Architects, Kate Donovan (New Member from Cromwell) and Tiffany Henry (New Member from Cromwell) all attended CONSTRUCT 2015. The Chapter approved a stipend of \$350 each for Jerome, Cindi Kate, and Tiffany. Billy’s travel is covered elsewhere by the Budget and Katherine’s expenses were covered by her company.
- d. Restructure of Board Director – Billy Mathis is looking to restructure the Board of Directors to assign each Director to a logical grouping of Committees so that the Director can act as the Board Liaison for the Committee. This is under study at the moment and will be better briefed and discussed in the future.



**Who  
belongs  
in CSI**



# Educational Questions



## Construction Documents Technologist (CDT) Series

Your Questions and Answers for this issue are:

According to the AIA-A201, Article 9 Payments and Completion, § 9.7 Failure of Payment:

1. **If the architect withholds certifications for payment due to the failure of the contractor to properly pay a subcontractor:**
  - a. The owner may pay the subcontractor directly.
  - b. The owner may issue joint checks to the contractor and subcontractor's equipment suppliers.
  - c. The owner may issue a joint check to the contractor and subcontractor, and then notify the architect to reflect the payment in the next certificate for payment.**
  - d. All of the above.
  - e. None of the above.
  
2. **Once a certificate for payment is issued, the owner will pay the contractor as stipulated in the contract documents and notify the architect payment was made.**

**True** or False

3. **Reasons for withholding certification for payment include:**
  - a. Defective work.
  - b. Damage to a separate contractor.
  - c. Evidence that the work of the contract will not be completed within the contract time and the current unpaid balance would not cover liquidated damages anticipated for the delay.
  - d. All of the above.**
  - e. a and c.
  
4. When reasons for withholding certification for payment are **removed**, certification will be made for amounts previously withheld.

**True** or False

## According to the AIA-A201, Article 9 Payments and Completion, § 9.8 Substantial Completion:

5. Upon receipt of the contractor's list of work to be completed or corrected prior to final completion, the architect will make an inspection to determine if the work is substantially complete for the owner to utilize it for its intended use. *Note: this is the first of only two (2) inspections the AIA-A201 requires of the architect.*

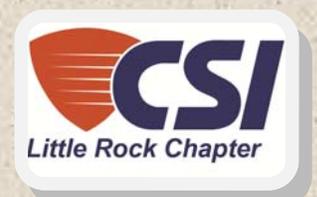
True or False

6. Upon inspection of the work considered substantially complete by the contractor, the architect may:
- Notify the contractor of deficient work for his correction prior to issuance of a certificate of substantial completion. *Upon correction, the contractor must request another inspection by the architect to determine if work is complete for its intended use (and therefore substantially complete). This is not the other required inspection by the architect and sometimes cost for this unscheduled inspection is reimbursed by the contractor.*
  - Establish the actual date of substantial completion. *It is found in the certificate of substantial completion.*
  - Issue a certificate of substantial completion. *More on this certificate later...*
  - All of the above.
  - a and b.

7. A certificate of substantial completion is issued for the entire work of the contract only.

True or False *Designated portions of the work for use by the owner are to receive a certificate of substantial completion.*

8. A certificate of substantial completion:
- Typically establishes the date for the commencement of warranty periods. *Interestingly, AIA Document G704, Certificate of Substantial Completion states, "Unless otherwise agreed to in writing, the date of commencement of warranties for items on the attached list will be the date of issuance of the final Certificate of Payment or the date of final payment."*
  - Contains the owner and contractor requirements for security, insurances, maintenance, etc. that the two parties of the contract are to accept in writing. *If used, by signing the AIA Document G704, Certificate of Substantial Completion.*
  - Fixes the time within which the contractor will complete all items listed on an accompanying list. *This list is typically the contractor's punch list reviewed and expanded upon by the architect. Additionally, the AIA Document G704, Certificate of Substantial Completion provides for inclusion of a total value of this outstanding work. I find no such requirement in the AIA A201, however, such value would be necessary to accomplish further requirements of the conditions to the contract. Many prefer itemized estimated costs tallied to determine this value.*
  - All of the above.
  - a and c.



# Katie's Corner



by **Katie Flower, AOC, CDT,CSI**

In today's world we have an even harder time finding the balance between life safety and security in the built environment than ever before.

As design professionals we must do all we can to educate ourselves and our clients in ways to make public buildings safer against security threats, while at the same time complying with

existing life safety and building codes. The article below is a reprint from the November 2013 Locksmith Ledger and the information is just as important today.

## Classroom and Lockdown Security Solutions from ASSA ABLOY



A broad range of solutions can be utilized within a lockdown scenario. Rather than looking for a single product to provide a lockdown solution, it's essential to look at the entire facility and consider the needs of each opening.

In recent times, school fire drills have been joined by a new practice, the lockdown drill. During a lock-down, teachers are alerted of a possible danger— an armed student or intruder — and are instructed to secure the classroom doors from threats that may loom in the school hallway. Basically, the students are "locked" in the classroom for their own protection.

New security innovations from companies like ASSA ABLOY help accommodate lockdowns and keep students safe inside the classroom. Locks allow teachers to secure the door from inside the classroom, thus avoiding the need to insert a key in the outside cylinder and expose themselves and their students to danger. Networked electromechanical locks can be secured instantly from a central location.

## Q&A: ASSA ABLOY DSS's Doug Titus

Locksmith Ledger interviewed Doug Titus, business development manager, education, ASSA ABLOY Door Security Solutions to get a better idea about what ASSA ABLOY has to offer for school security/lo & down applications.

Which markets do you consider are candidates for lockdown systems?

Lockdown could be a policy implemented in numerous markets but the definition can vary. Military bases and courtrooms almost always have lock-down procedures while hospitals have lockdown in the labor and delivery areas. Recently, the most common market the security industry thinks about when referring to lockdown procedures are educational institutions. Both K-12 schools and colleges and universities have had to re-evaluate their existing policies and in many cases revise them to adopt a higher level of security. Even within the education market, there are a wide range of challenges for elementary, middle and high schools. Even community colleges present different needs than major university environments.

What products does ASSA ABLOY offer as a lockdown solution?

ASSA ABLOY offers a broad range of solutions that can be utilized within a lockdown scenario. Rather than looking at a product to provide a lockdown solution, it's essential to look at the entire opening and each opening should be considered a system.

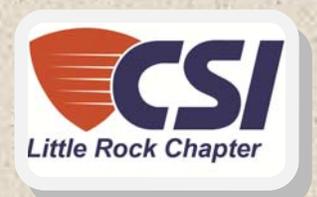
What features do your products provide?

- Bullet/Ballistic Rated Doors/Frames
- Electronic Lockdown Capability
- Classroom intruder function locks (mechanically lockdown a classroom without having to open a door)
- Visual mechanical indicators (provide visual cue to validate if outside handle is locked or unlocked)
- Patented Key Systems (minimizing risk of authorized key duplication)
- Local audible alarms (hear alarm if door propped open)
- Shim Kits (Minimize risk of door being tied or chained by eliminating gap between exit device rail and window behind it)



Corbin Russwin Access ru  
Key Systems

How can you assist the end-user or locksmith begin the process of assessing their needs and implement a security management plan with lockdown as an element of the solution?



ASSA ABLOY's K-12 School Safety and Security program offers a complimentary assessment of a school facility. One of our school security specialists will inspect all openings to ensure proper operation and provide a complete consultation on methods to improve security plans. If you are looking for immediate feedback, ASSA ABLOY offers a free School Security Solutions iPad App which allows a facility manager to perform a self-assessment of a school's openings and review available products that could aid in increasing security.

Open to all security managers is the ASSA ABLOY Try-Me Program in which ASSA ABLOY offers a product for a facility to test in their own environment before making a purchase. ASSA ABLOY Americas University also provides the ability for security managers to receive local and online training for a wide range of courses and issues.

Below is information on ASSA ABLOY's newest lockdown products.

### Corbin Russwin Access 3" Key Systems

The Access 3 system from Corbin Russwin provides multiple levels of protection to offer the right level of security for each opening in a facility, without paying for features you don't need. Three levels of ANSI/ BHMA Grade 1 protection secure every opening, from patented keyway to UL437 certified. A common key for all three levels of security enhances key control and simplifies administrative procedures. This new system provides patented protection from unauthorized key duplication through 2027. The new keyway family protects system integrity from legacy systems and keys are significantly stronger than competitive systems, according to ASSA ABLOY. Bump resistance provides added protection.

-Availability in all existing Corbin Russwin cylinder types provides cost-effective upgrade for facilities already using Corbin Russwin hardware.

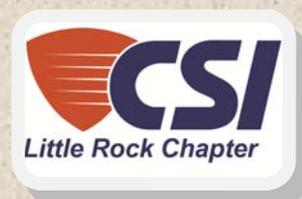
Key blanks are controlled through authorized distribution. Bump resistance is standard for all three levels and geo-graphical protection is available. Available for mortise, rim, component and Large Format Interchangeable Core (LFIC) cylinders, Corbin Russwin offers the right protection for your facility.

The three levels of utility-patented security are:

**Level 1:** AP. Key blanks available to authorized Corbin Russwin distributors, bump Corbin Russwin resistant with Access 3' Mortise patented keys

**Level 2:** AS. Geographically exclusive by end user. Bump and pick resistant

**Level 3:** AHS. This highest level of security is geographically exclusive by end user, UL437 certified and bump and pick resistant



Features include:

- Keys can be common between security levels
- New keyway families for all levels
- Construction master keying available
- ANSI/BHMA Grade 1 certified
- Available uncombined, master keyed or grand masterkeyed
- Bump resistant standard (Not available on Level 1 LFIC) Cylinders are available as:
  - Mortise Fixed and Interchangeable Cylinders (including Hotel function)
  - Rim Fixed and Interchangeable Cylinders
  - Component
  - LFIC

### SARGENT Profile Series v.G1.5 Lock with RF Fob

The SARGENT Profile Series v.G1.5 standalone access control lock offers unique functionality that is ideal for classroom applications. Providing easy everyday access to the classroom using a PIN code or prox card, the G1.5 also provides the ability to lock the door quickly with an RF fob from almost anywhere inside the room.

When programmed for Panic mode and actuated from within 75 feet of the lock (inside), the door locks and disables all "user" credentials (both PIN and Prox). The door stays locked even if fob is pressed repeatedly. An interior indicator flashes red to show the door is in lockdown. The lock must be reset by a master credential.

SARGENT vG1.5 Series features include:

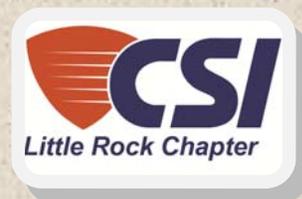
- Supports 2,000 users
- Provides 2,000-event audit trail
- Credential support: - HID\* 125 kHz prox card - RF fob
- Available with keypad for dual-factor authentication
- Programmable via keypad, data transfer device (DTD), or PDA.
- Available with key override
- Supports multiple types of users, such as extended, temporary, or supervisory
- Available in mortise lock, cylindrical lock, or exit device configurations \* DTD required for Windows Vista and later

System Requirements—Software:

- SoloPlus" Access Control Management Software
- Microsoft Windows (XP and later) or Windows Server (2003, 2008)
- Local administrative rights to the computer

Hardware:

- CD-Rom drive
- Data Transfer Device or PDA (refer to catalog for compatible models)



## SARGENT Exit Devices

When considering school security measures, doors with exit devices or "panic bars" are of special concern. Typically used on the perimeter, these doors tend to take the most abuse and are also the first line of defense against intruders. They must meet fire and life safety codes, where applicable, and comply with ADA.



The SARGENT 541 Exit Device Security Kit prevents intruders from locking people inside a facility by wrapping chains/ropes around exit device push-bars. The Security Kit, which accommodates all door styles, fills the gap between the exit device and the glass, creating a flush surface with the door. This not only responds to the ever increasing need for improved building security, but also maintains the facility's aesthetic design.

The SARGuide Electroluminescent Option illuminated exit device increases the visibility of exit locations in dark or smoke filled passages, supplementing existing codes for egress lighting.

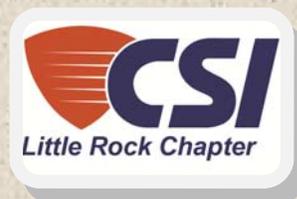
SARGENT also offers the 16 function for its 8800 Series and 8900 Series. This function allows the outside trim to be locked from the inside trim. Available as a cylinder or thumbturn on the inside chassis, this function provides a quick way to lock the outside trim without opening the door. The latch will retract when using a key on the outside trim.

SARGENT's integrated 3287 Door Status Switch provides verification that the door is secure. Available with electrified exit devices, this switch sends a notification to the monitoring system when the door is out of position.

The AL- Alarmed Exit option is de-signed for areas requiring a standalone alarm on out swinging doors. This option sounds immediately upon exit and discourages unauthorized use.

The 53 Latchbolt Monitor Switch provides true, tamper resistant latch-bolt monitoring. The monitor switch is activated when the rail is depressed or for any reason that the latch moves.

SARGENT's 56 Electric Latch Re-traction allows electrified retraction of latchbolt for momentary or maintained periods. The device returns to normal operation if fire alarm goes off or if there is an interruption of power to device. Opening remains unsecured while latch-bolt is held retracted.



## Ceco Door ArmorShield

ASSA ABLOY company Ceco Door Products offers a Level 4 Bullet Resistant door system. These 1-3/4" thick ArmorShield



SARGENT 8200 Indicator

Level 4 doors conform to the Steel Door Institute guide specification, ANSI A250.8 and provide bullet resistance in accordance with UL 752.

Door face sheets are butted with edge seams welded the full height and ground smooth. No seams are visible on faces or vertical edges. Twenty-two gauge steel vertical stiffeners are placed 6" apart and welded every 5" along their length. Inverted top and bottom channels are 16 gauge steel and are welded to both face sheets.

ArmorShield Level 4 frames are double rabbet profile in depths from 4- 5/8" -12" of all welded construction. Jamb anchors for masonry wall are included.

Hardware Provisions: Hinge preparations are handed. Hinge edges are mortised for 5" high x .190 heavy weight hinges. Seven-gauge steel reinforcements are welded in place and are drilled and tapped for fasteners in accordance with ANSI A156.7. The door lock edge has a standard bevel (1:16) and is prepared for Series 86; lock jamb preparation is for 4-7/8" high strike. Lock is required to be UL listed for ballistic protection. Hardware is not required to be Ceco.

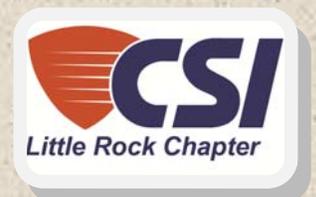
For more information on the complete ASSA ABLOY line, visit [www.assaabloydss.com](http://www.assaabloydss.com).

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Functionality Is Key. When selecting door hardware, functionality is key. SARGENT mechanical Grade 1 mortise and bored locks offer many functions that lend themselves to securing classrooms. Each provides its own set of benefits that allow you to customize the security to meet specific needs.

Typical scenarios include:

- Door remains locked throughout the day
- Door remains unlocked EXCEPT in an emergency situation
- Door locks are controlled by a central location
- Life safety codes, fire codes and ADA compliance must also be taken in consideration when door functionality is determined.



Here is a description of different functions:

FUNCTION 04 Storeroom (Bored F86, Mortise F07). Outside Lever is always locked; Outside lever is always locked providing security; access to room requires key or someone from inside to open door.

FUNCTION 54 Corridor or Dormitory (Bored F90). Outside lever is locked by pushbutton on inside lever; Key outside or pushbutton inside locks outside lever; if inside lever rotated, unlocks outside trim

FUNCTION 16 Classroom, Apartment, Exit, Privacy (Bored F88, Mortise F09). Locked by key inside; Outside lever can be locked by key from inside. If locked by key on inside, key in outside lever retracts latch but does not unlock. Note: Need key holder to lock outside lever or access room from Outside.

FUNCTION 37 Classroom (Bored F84, Mortise F05). Locked by key outside. Outside lever can be locked or unlocked by key; cannot lock outside lever from inside classroom.

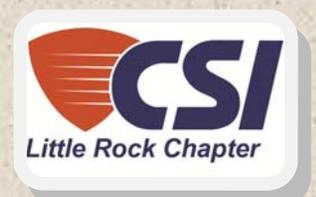
FUNCTION 38 Classroom Security Intruder. Locked by key, inside or outside. Key inside or outside locks/unlocks trim. If locked by inside lever, key in outside retracts latch but does not unlock trim. Comes standard with locking direction engraved on inside rose. Note: Need key to lock outside lever or access room from outside.

FUNCTION 38 Classroom Security Intruder (Mortise F32). Locked by key inside or outside; key inside or outside locks/unlocks trim. If locked by inside lever, key in outside retracts latch but does not unlock trim. Available with visual indicator confirming the door is secure.

FUNCTION 39 Classroom Security Deadbolt (Mortise F33). Locked by key inside or outside, Latch and deadbolt work in concert; key locks and unlocks latch and deadbolt from either side. When rotated, inside lever unlocks outside lever and retracts deadbolt. Note: After exiting, you must relock by key to prevent entry into the room.

FUNCTION 40 Classroom Security Deadbolt (Mortise F34). Locked by key inside or outside. Same as Function 39 but with a deadlatch. Note: After exiting, you must relock by key to prevent entry into the room.

FUNCTION 41 Classroom Security Deadbolt. Locked by key inside or outside; Key on either side locks and unlocks latch and deadbolt. First rotation locks deadbolt, second rotation locks outside trim; rotating inside lever retracts both latch and deadbolt but outside lever remains locked. Note: In an emergency situation, number of rotations may be questioned.



# Lunch and a Seminar—January 12, 2016

Attitude

Adjustment 11:30 am



Please make reservations online  
at [www.littlerock.csinet.org](http://www.littlerock.csinet.org)

Cost of the Meal is being  
Sponsored by Malarkey Roofing  
Products

**LOCATION:** Baldwin & Shell  
Construction Conference  
Room, 1000 West Capitol, Little  
Rock, AR 72201

## SPEAKER:

### Steve Bazemore, Malarkey Roofing

Steve Bazemore is a Commercial/Architectural specialist for Malarkey Roofing Products, who also serves as the chapter president for CSI in Tulsa. Next year Malarkey will celebrate being a manufacturer of industry leading roofing materials and systems for 60 years. Based in Portland, OR they have plants in California, and Portland and their newest, state of the art facility in Oklahoma City.

## PROGRAM:

### “Steep Slope Roofing Essentials”

#### Description:

The primary goal of this course is to provide architects and others who work with steep slope roofing designs, with the information they need to ensure that the system will perform as expected. The course will teach the designer to understand the difference between slope requirements, substrate types, insulations, underlayments, ventilation, and asphalt shingle types and their advantages, as well as common steep slope detail design. The health, welfare and safety of the buildings occupants begin with a sound roofing design.

#### Learning Objectives:

After completion of this course, participants will be able to understand:

Lunch Reservations Deadline: **RSVP by Noon, Monday, January 11, 2016.** (LRCSI must guarantee meal count.)

# 2016 CSI Gulf States & Southeast Region Joint Leadership Conference

**When:** Thursday April 21, 2016 at 3:00 PM CDT to Saturday April 23, 2016 at 12:00 AM CDT



**Where:** Crowne Plaza Pensacola Grande, 200 East Gregory Street, Pensacola, FL 32501

**Contact:** Tom Ferguson  
CSI Pensacola Chapter / (850) 936-8186

[tom@interbay.co](mailto:tom@interbay.co)

Website Link:

<http://events.r20.constantcontact.com/register/event?oeidk=a07ebq62h8659ca6436&llr=z9jg45uab>

**Lodging:** Hotel accommodations provided by [Crowne Plaza Pensacola Grande Hotel](#) (850.433.3336). Use group code "CSI" to access the following conference rates:

Standard Room - \$ 120.00/Night

Standard King - \$ 135.00/Night

14th or 15th Floor King or Double - \$ 159.00/Night

**More Information:** This is a joint regional continuing education and networking opportunity you cannot afford to miss. CSI's Gulf States and Southeast Regions are partnering together to welcome participants and sponsors from across the spectrum of construction industry professionals and from throughout both regions to convene in Pensacola for a two day conference with AIA and CILB accredited courses and activities for all. You can find sponsorship packages, schedules, and additional information below. Check back periodically as we will be adding documents as the conference approaches.

## **Individual Registration - \$ 275.00**

Access to all scheduled events, activities, and meals throughout the conference

## **Individual Registration (Region Officer/Chair) - Complimentary**

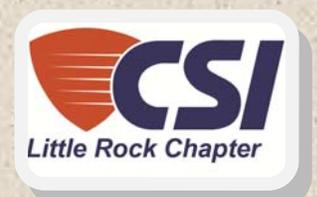
Access to all scheduled events, activities, and meals throughout the conference

## **Sponsorships Available:**

### **Platinum Award Sponsor (One Available) - \$ 2,500.00**

- ◆ Awards banquet program sponsor recognition, speaking opportunity and logo placement
- ◆ Continuing education seminar during region conference Friday CE session
- ◆ Table top during region conference (Friday & Saturday)
- ◆ Product show booth (Thursday)
- ◆ Company logo included on advertising materials (early registration only)
- ◆ Includes individual access for one company representative scheduled events, activities, and meals throughout the conference

Continued on next page.



## **Sponsorships Available (Con't):**

### **Gold Sponsor (Three Available) - \$ 2,000.00**

- ◆ Sponsor recognition, short speaking opportunity and logo placement during region conference
- ◆ Continuing education seminar during region conference Friday CE session
- ◆ Table top during region conference (Friday & Saturday)
- ◆ Product show booth (Thursday)
- ◆ Company logo included on advertising materials (early registration only)
- ◆ Includes individual access for one company representative scheduled events, activities, and meals throughout the conference

### **Lunch Sponsor (Four Available) - \$ 500.00**

- ◆ Sponsor recognition, short speaking opportunity and logo placement during one sponsored lunch
- ◆ Sign bearing sponsor company logo displayed during sponsored event
- ◆ Conference registration not included

### **Presidents' Appreciation Breakfast Sponsor (One Available) - \$ 500.00**

- ◆ Sponsor recognition, short speaking opportunity and logo placement during one sponsored breakfast
- ◆ Sign bearing sponsor company logo displayed during sponsored event
- ◆ Conference registration not included

### **Breakfast Sponsor (Eight Available) - \$ 350.00**

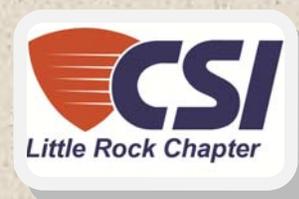
- ◆ Sponsor recognition, short speaking opportunity and logo placement during one sponsored breakfast
- ◆ Sign bearing sponsor company logo displayed during sponsored event
- ◆ Conference registration not included

### **Hospitality Suite Sponsor (Four Available) - \$ 500.00**

- ◆ Sponsor recognition, short speaking opportunity and logo placement in hospitality suite (one evening)
- ◆ Sign bearing sponsor company logo displayed during sponsored event
- ◆ Conference registration not included

### **Product Show Booth (35 Available) - \$ 600.00**

- ◆ Product Show Booth (Thursday)
- ◆ Company logo included on advertising materials (early registration only)
- ◆ Save \$ 50.00 on Early Bird Registrations (Through 31 December 2015)
- ◆ CSI Members save an additional \$ 50.00 (Request promo code BEFORE you register)
- ◆ Conference registration not included





## John Murray, CSI, CDT

### Nominee for Gulf States Region Vice President

At the last GSR CSI Conference the only candidate put forth for Gulf States Region Vice President was John Murray, CSI, CDT. His nomination was approved, no other nominees were put forward, and the nominations were closed. The following is information about this candidate for you to make an informed vote.

Prior to joining CSI John Murray achieved his Bachelor of Architecture Degree from Mississippi State then spent 7 years on active duty with the Army as a part of forward deployed combat engineer units. He led and trained many others while building construction projects all over the world. John speaks multiple languages and holds several specialty designations in addition to construction. Throughout his military career he was always rated in the top five percent of all Army officers Nationwide and achieved the rank of Captain before leaving service. He is organized, motivated, and energetic. While in the Army John received the Army Commendation Medal, which is awarded to members of the Armed Forces other than General Officers who, while serving in any capacity with the Army have distinguished themselves by heroism, meritorious achievement, or meritorious service. He also received the Army Meritorious Service Medal, which is a military award presented to members of the Armed Forces who distinguished themselves by outstanding meritorious achievement or service to the United States.

John has Comprehensive Planning skills demonstrated by serving five consecutive terms as Soccer Commissioner for Northwest Rankin Athletic Association. He designed and helped construct their 16 field soccer facility and helped plan and execute Annual Soccer tournaments, hosting two state level tournaments each involving over 1,000 players, including crowd control/parking for over 2,000 in attendance each year. John joined CSI in 2007 and hit the ground running. He has received numerous GSR awards including, Special Publication Award for his "Quick Pocket Roster", Special Program Award for his program "Ethics in the Construction Industry", Special Publication Award for his "CSI Benefit Card", Special Publication Award for his article "Concrete Stress Failures Testing, and a Special Publication Award for his Chapter President's Messages. He was recognized by the GSR for leading the team for the GSR Leadership Meeting Hosted by the Mississippi Chapter and received a Special Presentation Award for his program at that Leadership Meeting, "Working Smart". He was designated an Outstanding Chapter member by the Mississippi Chapter, the Chapter's highest award, and most recently was awarded the Institute's Outstanding Contribution Award at CONSTRUCT 2015.

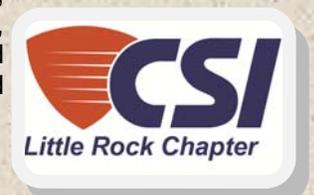
**John's Platform:** Out of all of the different organizations that are related to the construction industry, CSI is the one organization that brings everyone to the same table. It is my goal while serving as Vice President to continue to promote open and equitable conversation and education to all members so that we may continue learn how to provide better services to our facility owners.

**John's Objectives:** John seeks to get members out of their comfort zone and aggressively pursue better web presence and image for CSI. He plans to look at the entire cross section of CSI and involve everyone. He is passionate about developing better relations with CSI Millennials and provide a more positive atmosphere for them. He plans to promote mentorship, develop collaboration, and work with CSI's Network of Knowledgeable Members.

**Effectively Communicating:** He has served in a variety of roles with the video and broadcast outreach for his church working as technical director for live production video broadcast and is experienced with HD camera systems and production. He has a working knowledge of theatrical lighting systems, programming, and production.

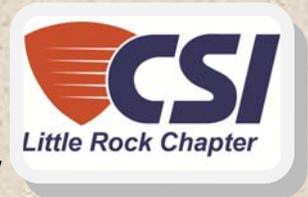
**Strategic Organization:** John has over 35 years of experience working with schools and teachers, mainly in small groups helping to get them organized for more effective control and use of their limited resources. He uses the principles explained in this session "Working Smart" to organize and manage multiple projects, achieve goals and still live a balanced lifestyle with family and friends.

**John's CSI Experience:** He has served the Mississippi Chapter as Secretary, Programs Chair, House Committee Chair, 1st and 2nd Vice President, Membership Chair, Product Show Chair, President-elect, President, Long Range Planning Chair and Technical Chair. He is a trusted advisor in his Chapter and many in the Mississippi Chapter and the GSR seek his advice and council. He is currently serving as the GSR Electronic Communications Chair.



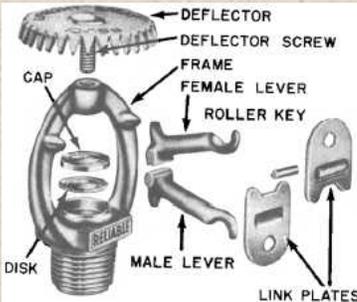
# What I Learned in CSI

By: Gary Bergeron, CSI, CCS



Most of us enjoy watching Hollywood movies, but how many of us realize how many times "dramatic license" is used to make the movie more exciting? How many building owners decide to "Value Engineer" fire sprinkler systems out of a project due to misinformation from Hollywood? As mechanical engineers, we often design fire sprinkler systems and have to inform building owners that the movies portray the fire sprinkler systems incorrectly.

Many movies show the actor applying a cigarette lighter to a fire sprinkler and the entire sprinkler system in the building starts to discharge water. This is NOT possible. Only the head that is directly



over the fire will discharge water, and the sprinkler head will only open to water flow after the fusible link or the frangible glass bulb breaks. It will also take some time for the cigarette lighter to cause the sprinkler head frangible bulb or fusible link to react. The water flowing from the sprinkler system

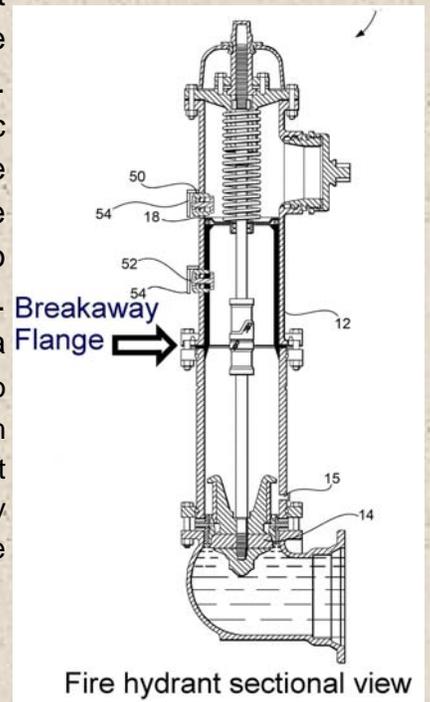


is often shown as clean clear water. This is also NOT possible. The sprinkler system water has been in black steel piping for a considerable time period. The water has been stagnant and is often black in color and has an oily residue from the pipe threading cutting machine.

Some movies also show the character pulling the fire alarm station and causing the sprinkler system to flow. This is also NOT possible. There is a water flow switch in the sprinkler system that does connect to the fire alarm system and will sound an alarm. But



pulling the fire alarm does NOT cause the fire sprinklers to discharge water. Many movies also show a dramatic car chase ending with a vehicle crashing into a fire hydrant. The fire hydrant always sprays water high into the air. This is also for dramatic effect. Most modern fire hydrants have a break away flange whose purpose is to break if hit by traffic and keep water from spraying everywhere. This would not happen in real life if the break-away flange was installed correctly (no more than four inches above grade).



Please "tune in" next time for all of the wrong things about mechanical HVAC systems in the movies.

# Reusing materials to make the old new again

By Aubrey Rhoadarmer



*The brush from a retired street sweeper has been repurposed for this horse paddock as a scratching post.*

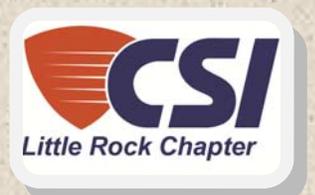
*Photos courtesy repurposedMATERIALS*

Constructing commercial, residential, or industrial buildings can not only be expensive, but also create large amounts of waste. After construction or renovation is completed, most old, discarded material will likely end up in a landfill. However, there is a way to give these materials a 'second life' through repurposing.

Repurposing is the process of taking old products and materials that would otherwise end up in landfills or incinerators, and creatively reusing them for a different purpose. Repurposing is a wide process, because almost any material can be used as something new. Many supplies, from decorative pieces to more essential parts, needed in construction projects can be repurposed materials, which saves money, even more than if you were to use virgin materials. Repurposed materials are also much more environmentally sustainable than using new building materials.

Wood is a product that is easily, and often, repurposed. The hardwood planks from basketball courts and bowling alleys are unique and unusual materials. They may not seem like easy materials to repurpose, but both can be deconstructed into blocks and turned into unique countertops, tabletops, flooring, or even wall or ceiling coverings. Wooden bleachers from a high school can be shined up and transformed into shelves. Weathered wood siding and wooden snow fences of several different measurements can become a rustic and homey addition to a building as a floor, wall, shelf, or table.

Another common reusable material is metal. Galvanized ski lift cables are an atypical and seemingly disposable material. However, this 91-m (300-ft) steel cord can create a unique decorative railing, for offices, or commercial buildings.



There are also many products that can be used for the outside of the building, to add an artistic or eye-catching flair. Multiple wire screens once used as covers for commercial air-conditioners can be transformed into an unusual fence for the outdoors of a commercial or residential building, and old pool covers, anywhere from 7.5 to 18 m (25 to 60 ft) long, can be turned into awnings for the front of the buildings.



*This old billboard vinyl has been repurposed as a children's slip n' slide.*

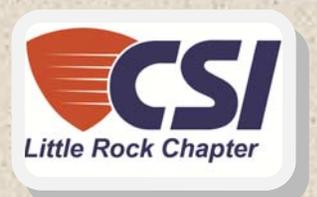
Discarded products from demolitions and renovations are a large part of the repurposing process. They provide the materials for repurposing as long as they are in good condition. For example, roofing membrane from a house can be used as industrial strength weed barrier for landscapers, and insulation can be used by contractors to keep underground waterlines from freezing.

Using repurposed materials is a cost-efficient and an environmental benefit. Repurposing materials keeps tons of waste out of landfills, helping the environment.

Repurposing is uncommon and requires ingenuity. This kind of construction attracts environmentally conscious people. Repurposing is a process that is beneficial to the planet, and to customers.

*Aubrey Rhoadarmer is a freelance journalist working for repurposedMATERIALS. The company, based in Denver, Colorado, specializes in finding and marketing industrial products that would otherwise end up in landfills, and repurposes them at low cost.*

This entry was posted in **Features**, **Web Exclusive** and tagged **repurposing**, **reuse** on **October 9, 2015**



If you are interested in following the Little Rock Chapter, our links are as follows (for Facebook and LinkedIn look for the Little Rock Chapter):

Website: <http://littlerock.csinet.org/>

Facebook: [www.facebook.com](http://www.facebook.com)

LinkedIn: [www.linkedin.com](http://www.linkedin.com)

If you are interested in Joining CSI or if you are just interested in keeping up with the information provided by CSI, See the slides shown from the "Why CSI" presentation

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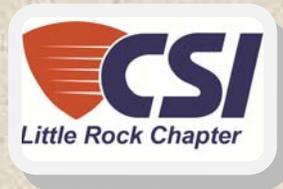
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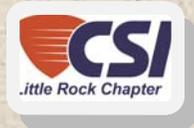
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[bjmathis@taggarch.com](mailto:bjmathis@taggarch.com)

# LITTLE ROCK CHAPTER INFORMATION



## Chapter Info

Chapter Website:	<a href="http://littlerock.csinet.org/">http://littlerock.csinet.org/</a>
Chapter Newsletter:	SpecWork
Chapter Meeting Day and Time:	2 <sup>nd</sup> Tuesday of Each Month unless otherwise specified by the Chapter President
Chapter Board Meeting Day and Time:	1 <sup>st</sup> Friday of each Month unless otherwise specified by Chapter President

## Chapter Officers

President:	Billy J. Mathis, CSI, CDT
President-Elect:	
Immediate Past President:	Jerome Sorenson, CSI, CDT
Vice President:	Bart Lusk, CSI, CDT
Secretary:	Garrett Shaffer, CSI
Treasurer:	David Bradke, CSI
Directors	
1Yr	R. Michelle Christen, FCSI
1yr	Kara White, CSI
2yr	Katherine Flower, CSI, CDT, AHC, CDC
2yr	Tyler Newton, CSI

## Chapter Chairs

Academic Affairs  
Chapter Communications  
    Newsletter  
    Website  
Certification / Education  
Scholarship  
Membership Chair:  
Technical Chair:  
Program Chair:  
Awards Chair:  
Planning Chair:  
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Not Applicable  
Not Applicable  
Michael L. Sanders, CSI,  
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**VACANT**  
Jan Sanders, FCSI  
Karl Hansen, CSI  
Not Applicable  
Billy Mathis, CSI, CDT  
Billy Mathis, CSI, CDT  
Not Applicable