

Your Past, Present and Future

Chapter Meetings are generally held on the third Tuesday of the month and include networking hour, technical presentation and dinner.

Board meetings are regularly held on the first Tuesday of the month.

- 09/18/18 Architectural Scavenger Hunt
- 10/16/18 Insulated Concrete Forms
- 11/27/18 Where the Roof Meets the Wall
- 12/07/18 Holiday Party
- 01/15/19 Code Jeopardy**
- 02/19/19 Navigating Renovations to Historical Buildings
- 03/19/19 Residential Building Permitting
- 04/16/19 Fire Protection System Permitting and Combustibility Testing
- 05/21/19 Holy Name Turbine
- 06/18/19 Braveheart's Baseball Outing
- 07/26/19 Construction Industry Summer Open

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Next Month's Chapter Meeting:

PROGRAM: Code Jeopardy

This month's program will highlight the major aspects of current codes and regulations pertaining to architectural hardware, in a fun, interactive format mirroring the game show "Jeopardy!". Participants will form teams and try to be the first to answer (in the form of a question of course) facts about hardware. Fabulous prizes may (or may not) be awarded to the winners, depending on whether we can talk anyone into donating them. Each participant is guaranteed to win the fabulous prize of knowledge..

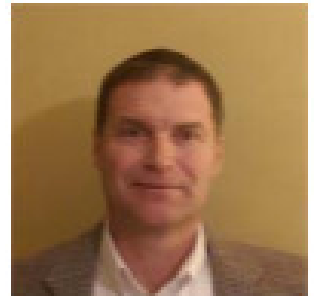
The program has been approved by the AIA for 1 HSW continuing education credit.

WHEN: Tuesday January 15th, 2018
5:00 – Cocktails, meet & greet
6:00 – Competition
7:00 – Dinner

WHERE: Leo's Ristorante
11 Leo Turo Way
Worcester, MA

COST: Program: Free
Dinner: \$20 (students free)

RSVP: neregcsi@gmail.com



OUR PRESENTER:

Don Cherry, Jr., PSP, CCPR, is an EAC Sales Consultant for Allegion, PLC (formerly Ingersoll Rand Security Technologies), and has been in the Security Hardware and Locksmith industries for over 30 years. Don specializes in electrified and electronic hardware, and is a certified as a PSP, (Physical Security Professional) with ASIS (American Society of Industrial Security), and a CCPR, (Certified Construction Product Representative), with the Construction Specifications Institute, and is a member of the Door Hardware Institute.



Worcester CSI Board

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From the President's Desk:

Stephen VanDyke, CSI, CDT, NCARB

Recently, I was working on a project that involved the installation of a structural glass curtain wall. Certainly not something that our office has ever done before and something we have no real experience with. That's common in our profession though; if we only ever designed what we knew, everything we do would look the same. Usually though, when we're stepping outside of our skillset, it's a small step away from something we routinely do. A different type of rainscreen envelope, or a new door hardware technology we've never used. In instances like that, we have product reps with whom we've built a rapport, to turn to for guidance. These trusted advisors usually either rep the product we're considering or work with another in their firm who specializes in those systems.

But what do you do when the system you're designing is so new to you, that you have no contacts to reach out to. You could do an internet search to find manufacturers and reach out to a random technical department for assistance. You could thumb through the Blue Book looking for local contractors specializing in that kind of work and contact them to see if there's a system they typically install. But did you know that through your membership with CSI, there's another resource you may not have tapped?

The Institute's website, www.csiresources.com offers an online forum connecting you with like-minded AEC professionals from every chapter in the organization. The site offers two mechanisms for communicating with the entire CSI community - discussion groups and blogs. Discussion groups are more commonly used as the place to post a question you have. This usually then develops into a sharing of knowledge or experiences and sometimes a lively debate. One question about glass curtain walls can solicit a response from another architect who's had good luck or bad luck designing them, or a qualified product rep affiliated with CSI who understands the specification process and not just his product, or a contractor specializing in installing these systems in a market where they may be more commonly used than your local area. But the forum is not just for building material questions. I regularly see discussions about contract issues, procurement methods, material standards, mock-ups, etc.

Signing up on the website enrolls you for a short email digest with only the most recent posts included. Apart from seeking advice when you need it, the email digest makes you aware of other topics being discussed, which may be surprisingly applicable to something you're working on. Or, you may be that individual with specialized experience in an area that another member is struggling with and be able to help them along.

If you haven't checked it out, take a look today. You'll be surprised at the depth of the conversations.



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Product Reps Christmas Wish List

In the spirit of the holiday, here are a few things Product Reps wish Santa would ensure Designers knew:

1. Get to Know Me and the Firm, Give Us a Chance to Earn Your Trust

Product Representatives work in many different capacities. Some are direct employees of a single manufacturer. Some work for distributors who supply the products of multiple manufacturers and product types. Some are independent representatives with expertise with numerous products and take a full system approach. Many have worked in their field for years and have extensive technical expertise. "We're not all trunk slammers and used car salesman. Please don't let a few bad apples stereotype us."

2. Know What Information You Require and When

With CAD and Revit, drawings can look very detailed even at the schematic design stage. While reps provide estimates and specification assistance without charge to the designer, they aren't "free". Just like construction documents, detailed estimating, drawings and schedules take significant time and effort. If you only need an order of magnitude or a ballpark estimate for conceptual documents on a project that is still more than a year from construction, let us know. Don't request shop drawings, a full proposal and bid pricing. Don't have the hardware consultant prepare a complete detailed schedule when the floor layout is still in flux and door locations and functions will all change.

3. Everyone is frustrated when Bids come in Over Budget

"Our goal is to provide value." If price and not quality is the driving criteria on a project, let the rep know. We can help you prepare your design with appropriately priced products. It's not just about preventing us from spending time on a project we will never get when it goes to the lowest price substitution. We can help you be more efficient and look better with your clients. Everyone's happier when the initial bids come in on target and endless rounds of "value engineering", substitution reviews and re-bidding are not required.

4. Architects Know a Little about a Lot, We Know a Lot about a Little.

"If you want to use my product, let me help you to write a complete and accurate specification." We realize you have more than 100 different sections in a typical project and that it's hard to keep up to date on all of the changes throughout the industry. Your product rep focuses on one section. He stays up to date on his industry and knows the critical items to be included in an individual section to ensure you get the selected product.

5. Let Me Know Before You Specify Me

"I know my product's limitations." You and I both look bad if you specify my product and then after the project goes out to bid I have to tell you we can't supply what you need. When we don't have the right product, we may be able to point you in the direction of someone that can help you out.



Martin J. Helly Jr.

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Product Reps Christmas Wish List (cont.):

6. Color and Finish Matter

We are happy to provide options to give you design freedom, but manufacturing processes are optimized to provide products in large volumes to customers around the world. It may be "just a coat of paint" or a "different metal substrate", but that minor change may require complete shutdown and changeover of a production line at the factory to achieve. This results in significant costs and scheduling issues for a manufacturer. On projects where there are small quantities involved, the pricing issues become dramatic. When the finish is "To Be Selected" we cannot price it correctly. We need to know if this is going to be a highly specialized custom color/finish or one of our standard items.

7. Please don't view me as a Free Lunch.

While we're happy to do lunch presentations and help you get your required learning units, please make sure the topic is appropriate for your firm. Your time is valuable. I don't want to waste it talking about a product you'll never consider using. Let us focus on information that is meaningful to you. "We have answers. You have questions. Ask them."

8. Give a New Guy a Break

There are numerous heartfelt stories from architects/specifiers that start out "when I was new in this industry, this product rep took me under his or her wing regardless of project size and educated me". Pay it forward. A rep starting out in the architectural sales realm is often overwhelmed about the process, much like you once were. Take a few minutes to let them understand how to help you.

9. Help Me Help You

Even when you specify my product, there are times I can't get a return call from a GC or Owner's Representative. They will take your call. If you need me to help resolve an on-site issue or discuss something with your client, get them on the phone/in the room with me.

10. Talk to the CSI Guy with the CDT and CCPR

Product Reps who have made the effort to join our organization as CSI members, and particularly those who have taken the time to get their certification credentials, have taken the time to learn about the construction delivery process and how to properly work with you. Let them know you appreciate that time and effort by giving them a few minutes of your time. They'll make sure it's not time wasted.

Compiled by the CSI elves.

Chapter Board Notes:

The Board met on November 16th at Willikers Tex Mex in Shrewsbury.

The Worcester Foundation presented their suggestions for scholarship fund investments with their organization for future consideration by WCCSI.

Our monthly meeting at Leo's, "Where the Roof Meets the Wall" was well attended, with 21 guests. It was in a panel format, represented by an Architect, a GC, a Roofing Material Rep and a Roofing Contractor, moderated by Marty Helly. The presentation was followed up with Leo's "Comfort Food" and a bit of socializing.

We are all looking forward to our December 7th Holiday Party at Leo's. It will feature a comedian, a buffet dinner, and our traditional "Yankee Swap", emceed by Mark Lapomardo, who puts a fun spin on the event. It is \$35/pp and there is still time to sign up.

Roland continues to edit our Newsletter, along with Marty's help. Jackie Baum has offered to consult with Mike Helly about ideas for the Website and Social Media.

Terri Bracken has registered with the National's new program, called the Dynamic Chapter Program. She will bring the Worcester Chapter information and ideas on how to better attract guests and new members to our programs.

If you have any interest in attending events, exploring membership or volunteering, please reach out to anyone on the Board. We welcome and appreciate your participation.

Excerpted from minutes prepared by Chapter Secretary Mike Sheehan

Where the Roof Meets the Wall

On Tuesday, November 27th, we reviewed the design objectives for various configurations of the roof/wall interface. To paraphrase our Program Description, "Roof to exterior wall transitions can present complex detailing challenges. They are a junction of multiple systems and are the responsibility of numerous, suppliers, and sub contractors."

Peter Caruso and Marty Helly, put together an informative and diverse panel of representatives from the Design Team, Project Management, Roofing Sub Contractors and Material Suppliers. Marty moderated and touched upon several challenging issues that arise during construction and asked the Panel to offer feedback as to how these issues are addressed.

Aside from the complex scenarios and technical solutions, one common thread ran throughout the talk; Communication. Everyone agreed that proper communication and delegation of responsibilities can eliminate trouble during the critical phases of construction. Because "Roof Meets Wall" is such an important intersection of materials and responsibilities, it proved to be an excellent example of why all parties involved must work within a predetermined game-plan, and Communicate!

Special thanks to Peter, Marty and the Panel for their preparation and effort. Also, we encourage anyone interested in our group and programs, to reach out to anyone on the Board for more information.



Membership update:

Thanks for renewing to:
Ellen O'Brien starting her second year in CSI.
David Gagnon starting his 15th year.

A reminder to Lynwood Prest, Rob Para Jr., David Panich, Marty Helly and Alain Stanislas that your renewal date is coming up. You can do it now to put it on your 2018 expense report and stop seeing the multiple reminder e-mails from the Institute in January.

Since it is the end of 2018, we'd like to thank David Adams, Jackie Baum, David Allor and Ellen O'Brien for making sure the Worcester Chapter was added to their CSI membership this year.

And to all our members, thank you for your continued support of the Chapter.

CSI Northeast Region Conference:

Save the Date: May 30 to June 1, 2019

The CSI Northeast Region Conference is coming to Hartford; a chance to grow your business and advance your career. The technical program will focus on the Challenges of Cold Weather Construction – something that affects all of us here in the Northeast. Jointly hosted by the Housatonic and Hartford Chapters, the conference provides two full days of networking, education, leadership development, and a little food and fun mixed in. Conveniently located in Hartford at the center of the Northeast Region. Mark your calendar now and make plans to take advantage of this CSI event.



NFPA 80 – Standard for Fire Doors and Other Opening Protectives (The 2019 Edition)

NFPA 80 is the 104 page "Bible" for fire door requirements. This standard regulates the installation and maintenance of assemblies and devices used to protect openings in walls, floors, and ceilings against the spread of fire and smoke within, into, or out of buildings. It's updated every three years or so and the 2019 edition was approved as an American National Standard this past May. If you register on the NFPA site, you can view the full document for free or you can buy a downloadable pdf copy for \$54.

The Table of Contents gives an overview to the range of topics covered.

- Chapter 1 Administration
- Chapter 2 Referenced Publications
- Chapter 3 Definitions
- Chapter 4 General Requirements
- Chapter 5 Inspection, Testing, and Maintenance
- Chapter 6 Swinging Doors with Builders Hardware
- Chapter 7 Swinging Doors with Fire Door Hardware
- Chapter 8 Horizontally Sliding Doors
- Chapter 9 Special-Purpose Horizontally Sliding Accordion or Folding Doors
- Chapter 10 Vertically Sliding Fire Doors
- Chapter 11 Rolling Steel Doors
- Chapter 12 Fire Shutters
- Chapter 13 Service Counter Fire Doors
- Chapter 14 Hoistway Doors for Elevators and Dumbwaiters
- Chapter 15 Chute Doors
- Chapter 16 Access Doors
- Chapter 17 Fire Windows
- Chapter 18 Glass Block Assemblies
- Chapter 19 Installation, Testing, and Maintenance of Fire Dampers
- Chapter 20 Fabric Fire Safety Curtains
- Chapter 21 Fire Protective Curtain Assemblies
- Annex A Explanatory Material
- Annex B Fire Doors: Protection of Conveyor Openings
- Annex C Illustration of Types of Fire Window Components
- Annex D Fire Door and Fire Window Classifications
- Annex E Surface Attachments to Swinging Door Faces
- Annex F Door Hardware Locations
- Annex G Types of Door Construction
- Annex H Special Purpose Doors
- Annex I Radiant Heat Transfer
- Annex J Performance-Based Option for the Inspection, Testing, and Maintenance of Fire Door Assemblies
- Annex K General Information About Fire Doors
- Annex L Informational References

If you'd really like to win the Code Jeopardy game at our January meeting, you could spend the holidays studying up on the standard, but since it is a code book you'd probably end up sleeping through the New Year. A more fun way is to check out Lori Greene's blog at iDigHardware.com. Lori's been posting case studies and answering hardware code questions at Allegion for years and - as she puts it - if you hate dealing with hardware, "The site is for you too!"

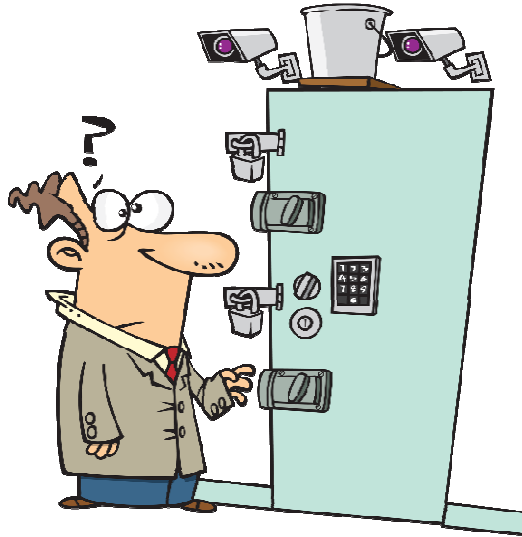


BUILDING HARDWARE CODE JEOPARDY

WHEN: Tuesday January 15, 2018
5:00 – Cocktails, meet and greet
6:00 - Competition
7:00 – Dinner

WHERE: Leo's Ristorante
11 Leo Turo Way
Worcester, MA 01604

COST: Program: Free
Buffet: \$20 (students free)



Have you ever struggled with getting the right architectural hardware on your job? Ever written a spec and been told at the final inspection that the hardware in place is the wrong type for the application and doesn't meet code? Ever installed hardware only to have the inspector tell you that its not at the right height? Who among us has taken the time to read the current code page for page and fully understand all the hardware requirements for all applications? If the answer is "not me", then we have just the program for you!

Don Cherry, Jr., PSP, CCPR, is an EAC Sales Consultant for Allegion, PLC (formerly Ingersoll Rand Security Technologies), and has been in the Security Hardware and Locksmith industries for over 30 years. Don specializes in electrified and electronic hardware, and is a certified as a PSP, (Physical Security Professional) with ASIS (American Society of Industrial Security), and a CCPR, (Certified Construction Product Representative), with the Constructions Specifications Institute, and is a member of the Door Hardware Institute.



Don will highlight the major aspects of current codes and regulations pertaining to architectural hardware, in a fun, interactive format mirroring the game show "Jeopardy!". Participants will form teams and try to be the first to answer (in the form of a question of course) facts about hardware. Fabulous prizes may (or may not) be awarded to the winners, depending on whether we can talk anyone into donating them. Each participant is guaranteed to win the fabulous prize of *knowledge*.

The program is approved by the AIA for 1 HSW credit. After participating in this program, attendees will:

1. Recognize ADA opening obstacles that door hardware can overcome.
2. List code requirements that affect hardware for openings in a means of egress.
3. Specify opening products that meet fire code requirements.
4. Discuss the testing of door and walls when they are comprised of large expanses of glazing or where a large part is comprised of protectives.

None of us know all we could about door hardware, but here's your opportunity to come away knowing more than you did, and to have a fun time learning. So come on out to Worcester CSI for the Building Hardware Code Jeopardy program, unlock your knowledge and open new doors in this area! RSVP to neregcsi@gmail.com.