

## 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

## Inside this Issue:

- Worcester Board Directory
- President's Message
- Setting the Pace with Nelson Place
- Chapter Board Notes
- Holiday Extravaganza
- Membership Update
- CSI Northeast Region Conference
- Apples to Oranges, or, Another Concrete Rant
- This Month's Program: Code Jeopardy
- Next Month's Program: Navigating Renovations to Historical Buildings

## Thank You to Our Sponsors:

- Antonelli Construction
- Camosse Masonry Supply
- Crawford Truck
- Dixon Salo Architects
- Grove Products
- Marsh McLennan Agency
- The Garland Company
- M H Specs LLC
- Sterling Concrete
- Spectrum Enterprises
- Worcester Truck Body
- Sunbelt Rentals

## This 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..

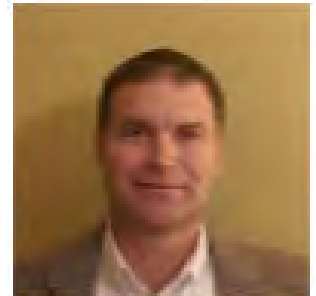
The program is has been approval by the AIA for 1 HSW continuing education credit.

**WHEN:** Tuesday January 15<sup>th</sup>, 2019  
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](mailto: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 Constructions Specifications Institute, and is a member of the Door Hardware Institute.



## Worcester CSI Board

**President: Stephen VanDyke, RA, CSI, CDT**  
Nault Architects, Inc.  
Worcester, MA 508.755.6134  
steve@naultarchitects.com

**Treasurer: Michael Lapomardo, Jr., CSI, CDT**  
Antonelli Construction Co., Inc.  
Worcester, MA 508.753.7436  
teveye@townisp.com

**Secretary: Michael Sheehan, CSI**  
Sterling Concrete  
North Oxford, MA 978.422.8282  
msheehan@sterlingconcrete.net

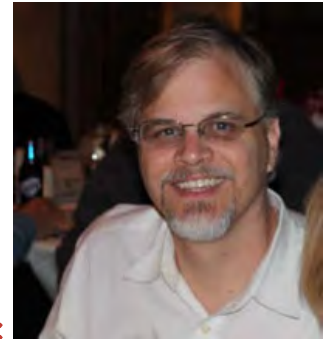
**Chapter Director: Neil Dixon, RA, CSI, CDT**  
Dixon Salo Architects, Inc.  
Worcester, MA 508.755.0533  
ndixon@dixonsaloarchitects.com

**Chapter Director: Roland M. Barrett, CSI**  
Milford, MA 508.478.3192  
barretr@comcast.net

**Chapter Director: Peter Caruso, RA, CSI, AIA, LEED AP**  
Lamoureux Pagano & Associates, Inc.  
Worcester, MA 508.752.2831  
pcarus@lamoureuxpagano.com

**Chapter Director: Jacquelyn Baum, CSI, NCARB**  
Lamoureux Pagano & Associates, Inc.  
Worcester, MA 508.752.2831  
jbaum@lamoureuxpagano.com

**Chapter Director: Martin J. Helly, CSI, CDT**  
MH Specs LLC  
Florence, MA 413.586.7769  
martyhelly@verizon.net



### From the President's Desk:

*Stephen VanDyke, CSI, CDT, NCARB*

It's no secret that the Board of Directors for the Worcester Chapter is a little on the older side, age-wise. The benefit of that is a group of leaders with an extensive amount of tenure in the group, and the wisdom that comes along with having done it and seen it for years. The downside to that is the tendency to be set in one's ways, and a reluctance to try new approaches to things. A prime example is the way in which we reach out to membership and beyond.

Although we've had a website for quite some time ([www.csiorchester.com](http://www.csiorchester.com) – check it out!), we haven't really had a strong social media presence. Everywhere site you visit these days as a button to click to become connected to the site by Twitter, Instagram or other newer platforms which I'm probably not even aware of. But we're trying to change that.

Jackie Baum of Lamoureux Pagano & Associates recently joined the Board, and as our most youthful member, brings a familiarity to social media which the rest of the leadership lacks. Over the next few months, look for subtle changes on the website's interface and for more up-to-date content on the site. Jackie has also taken over management of the Chapter's Facebook page which you can check out at <https://www.facebook.com/WCCCSI>. Stop by and give us a "like" and we'll reward you with occasional notifications on all the cool things we're planning and doing.

The Institute, also, is trying some new ideas to keep up with the times. The most recent addition will be a podcast, for which they're looking for suggestions from membership on what to name it. Log in to [www.csiresources.org](http://www.csiresources.org) and join the discussion group to share your suggestions. The Institute has clearly stated that the podcast is not a commercial for CSI, but rather "a show to help you get to know the people who make modern construction possible. We'll be discussing construction and design topics with industry professionals and learn how they became successful in their careers. Along the way, we will discuss construction, design and specification technology, topics, trends, and challenges. If you are an emerging or seasoned professional in construction, engineering or architecture we hope you will enjoy the insights our guests will bring to this podcast." Voting ends January 10 and the first episode should be released this month.

*We can put your logo on just about anything!*



T: 508-752-4400    [www.spectrum92.com](http://www.spectrum92.com)







2176 Main Street – Lancaster, MA 01523  
 www.crawfordtruck.com 800-427-7404



**Simon Braune, Grove Products, Inc.**  
 PO Box 240 17 Marguerite Avenue  
 Leominster, Massachusetts 01453  
 1(800)72-Grove \* Fax (978)840-4130  
[sbraune@groveproductsinc.com](mailto:sbraune@groveproductsinc.com)



**INSURANCE**  
 100 Front Street – Suite 800  
 Worcester, MA 01608  
 T: 888-850-9400 F: 508-852-8600



**THE GARLAND COMPANY, INC.**  
 HIGH-PERFORMANCE BUILDING ENVELOPE SOLUTIONS

Adam Silun  
 Territory Manager

E-mail: [asilun@garlandinc.com](mailto:asilun@garlandinc.com)  
 Mobile: 774-334-0983

[www.garlandco.com](http://www.garlandco.com)



21 Adams St – Worcester, MA 01604  
 COMMERCIAL – INDUSTRIAL – CONSTRUCTION MANAGEMENT  
 RENOVATIONS - NEW CONSTRUCTION - DESIGN BUILD  
 Michael Lapomardo, CSI, CDT Mark Lapomardo, CSI  
 Telephone: 508-753-7436 Email: [admin@antonelliconstruction.com](mailto:admin@antonelliconstruction.com)

## Setting the Pace with Nelson Place

The first new public elementary school to be built in Worcester for more than a decade, the Nelson Place School was designed to meet a broad array of needs while hitting ambitious targets for energy efficiency. The 600-student neighborhood school serves half the district’s population with autism. Given the charge to create an inclusive learning environment for students with and without disabilities across a wide spectrum, great care was taken in understanding how the design of the building could best support a variety of learning and teaching styles, with flexibility for changing needs over time.



The school has a number of unique features, including observation rooms adjacent to classrooms, which allows parents and professionals to observe without disruption to the classroom. Therapeutic planning rooms provide students with a space removed from the stimulation of classroom, where they can de-escalate until they are ready to return. Every classroom has an interactive whiteboard, mobile technology is accessible throughout the school, and classrooms are additionally outfitted with a sound system and microphone for teachers, enabling them to communicate with the entire class without straining their voices, or communicate directly with one table at a time without disrupting the rest of the class.

An early childhood assessment space is also located in the new building, and additional classroom and office spaces are much welcome additions to the school. In all, the new building is twice the size of the former Nelson Place School, but the energy efficiency measures taken in the design and construction of the building will result in this much larger facility actually using half the energy of the former school.





Martin J. Helly Jr.

Architectural Specifications  
Building Material Consulting  
Worldwide from Florence, MA  
413.586.7769  
[marty@mhspecs.com](mailto:marty@mhspecs.com)

**Michael Sheehan**  
Sales

Plants  
Sterling - Oxford

**STERLING CONCRETE**  
10 Sterling Way  
P.O. Box 786  
North Oxford, MA 01537

978-422-8282  
Cell 774-329-9166  
Fax 508-731-6180  
Toll Free 877-422-8282  
[mshsheehan@sterlingconcrete.net](mailto:mshsheehan@sterlingconcrete.net)  
[www.sterlingconcrete.net](http://www.sterlingconcrete.net)



## Setting the Pace with Nelson Place (cont.):



The City sought to make the school a model of energy efficiency, even targeting net zero energy, if possible within the budget. Super insulated windows, wall and roof systems; photovoltaic solar panels; water use reduction; waste-management/recycling, and indoor air quality and daylighting all contribute to a building that is on track for LEED certification and the zero net energy building designation from the Massachusetts Department of Energy Resources.

The project teams were recognized with a Project Achievement Award in 2018 from the Construction Management Association of America and an Illumination Award for Energy and Environmental Lighting Design from the Illuminating Engineering Society of Boston and Rhode Island.




**WORCESTER TRUCK BODY**



323 Southwest Cutoff - Worcester, MA 01604

Bill Sharp, President 508-752-2313




**SUNBELT RENTALS**

**1-800-NO-SWEAT**

Branch # 290 800 Hartford Turnpike Shrewsbury MA, 01545

Branch # 292 254 SW Cutoff Worcester MA, 01604



**Camosse**  
masonry supply

Concrete Blocks  
Bricks  
Pavers  
Masonry Supplies  
Landscaping Masonry

e-mail: [hcamosse@camosse.com](mailto:hcamosse@camosse.com)

61 Southwest Cutoff Worcester MA 01604 Ph 755-6193 Fax 792-5672

## Chapter Board Notes:

The Board met on 12/11/18 at Willikers Tex Mex in Shrewsbury.

Terri Bracken reviewed with the Board some of the positive points re: promotion and attendance at the November Program. We saw a few new faces, some members brought guests and we sold a product information table. We also discussed things we can improve and Terri will bring to us at next month's meeting, success stories from other Chapters and what has worked for them.

The Holiday Party at Leo's was fun-filled, with good food and cheer. We enjoyed the comedian, but wonder if Mark Lapomardo, who emceeds the Yankee Swap, could do his own show...wink wink....next year. Jackie Baum has accepted a position on the WCCSI Board. We are more than pleased to add her talent to the ranks along with her enthusiasm.

Our January Program, Door Hardware Jeopardy, is always a favorite. Even if you aren't a door hardware expert, it's played in the form of the Jeopardy Game, and everyone has a chance to contribute.

Membership is stagnant, but between Terri's DCP Program, Jackie and Mike H tuning up the Website/ Facebook, and looking for additional ways to promote our Chapter, we are hoping to attract additional members to our group.

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*

## Holiday Extravaganza

The CSI 2018 Audacious Holiday Extravaganza was held on December 7<sup>th</sup> at Leo's Ristorante. A great time was had by all!

The evening began with entertainment by Boston based stand-up comic Shawn Carter. Shawn is a writer and host of the UnScene Comedy Podcast and Sally O'Brien's Comedy Show.



After a delicious buffet dinner provided by Leo's, there was a good 'old fashioned Yankee Swap emceed by Mark Lapomardo, who was festively dressed for the occasion. Our members always seem to rise to the challenge to find great gifts for the swap - from the delicious and distinguished to the bizarre. This year was no different, and the item that brought out the most laughter and was also "the item" everyone wanted to trade up to and take home was the "Redneck Plunger".



The evening concluded with a sing along by none other than Leon Redbone with his rendition of "Christmas Island".



## *Membership Update:*

We'd like to thank our members who renewed over the holidays:

- Ellen O'Brien of InPro - 1 year
- Denis Gagnon of Excel Dryer - 14 years
- Alain Stanislas of Dorken Products - 2 years
- Rob Para of Lamoureux Pagano Architects - 11 years
- David Panich of David Panich Architect - 33 years

And welcome to our newest member Mick Albro of Sterling Concrete who is our first member to join in January 2019.

## *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.

## *Apples to Oranges, or, Another Concrete Rant*

I've commented before on Concrete PSI Strength vs Water Cement Ratio (W/C). I'd like to take another swing at this.

As an example, if an architect or contractor has to fill a window opening, everyone knows that there is a cost associated with what goes into that space, whether it be single pane or triple pane. So, although the space to fill is the same, the specification to reach a certain level of quality will affect the cost. Fairly straight forward.

Let's take 3000 psi concrete for example. The standard, most workable Water Cement Ratio of that mix would be a .58 (kind of like a single pane window). Now let's take that same 3000 mix and request a .45 W/C Ratio (now you have a triple pane window). Yes, 3000 .45 can be made, but chances are, it won't come out of the truck, or for that matter, be workable for the contractor, without the Ready Mix Designer adding Chemical Add Mix or substituting a higher strength mix to achieve the correct water cement ratio. Therefore, although the psi request is the same in either case, the .45 will cost more.



I have begun to footnote my quotes, pointing out why the cost might be different than expected, because I feel that our industry hasn't explained these nuances very well. So remember, the next time you peek at 03300, and you see a psi requirement, be sure to look at its associated W/C Ratio and ask your Concrete Supplier to explain the true meaning of the spec and its associated cost.



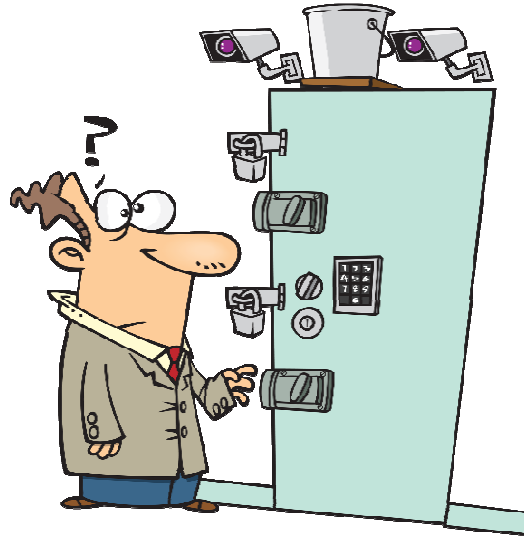


# BUILDING HARDWARE CODE JEOPARDY

**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](mailto:neregcsi@gmail.com).



# NAVIGATING RENOVATIONS TO HISTORICAL BUILDINGS

**WHEN:** Tuesday February 19, 2018  
5:00 – Cocktails, meet and greet  
6:00 - Program Presentation  
7:00 – Dinner

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

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



*"Not that one – we'll have the historical society after us."*

So your new client bought this awesome turn-of-the-century estate and wants you to tackle the renovation. They've got big ideas – replace that tired slate roof, install vinyl siding over those flaky painted cedar shakes and tear that damaged porch down too. You know in the pit of your stomach that something's probably wrong with that plan. The building is old enough to be historical, but you don't know what to do next. Well you're in luck, because this month's co-presenters have all the answers to keep you out of trouble!

Susan Arena is the Preservation Planner for the City of Worcester, and liaison to the Worcester Historical Commission, for which she recently drafted upcoming revisions to the City's policies for work on Historical Buildings. She served as the program director for Adirondack Architectural Heritage, and as an Architectural Historian for EBI Consulting. She holds an MS in Historic Preservation from UVM, and meets the secretary of the Interior Professional Qualification Standards in the areas of Architectural History and Historic Preservation.



Deborah Packard is the Executive Director of Preservation Worcester, a grassroots advocacy group and the sole institution in the City dedicated to historic preservation and excellence in new design. With a BA in Urban Studies from Wheaton College, experience with the United Way of Central MA, Consigli Construction and the Danforth Museum of Art, she has shepherded PW for over 14 years. Under her tenure, Worcester has seen the reconstruction of the Clock Tower at the former Worcester State Hospital and the revitalization of Hanover Theater, Stearns Tavern, and the Fire Alarm and Telegraph building to name a few. She is responsible for raising community awareness through programs showcasing Worcester landmarks.



The program will cover what constitutes a protected property, the rules for working on them and who to obtain approvals from. Hear case studies for successful and unsuccessful projects within the City, learn about tax credits, green incentives, and Code concessions. Approved by the AIA for 1 HSW credit, attendees will:

5. Understand laws and regulations applying to work on Historical Structures in Worcester.
6. Recognize advantages a Historical classification offers through the Accessibility Code and Energy Code.
7. Identify what constitutes a regulated property, and who the Authorities Having Jurisdiction are.
8. Learn appropriate and inappropriate methods for working on Historical properties through case studies.

So, before you get yourself in a pickle working on a protected building, come find out all the facts from the local leaders in the field. RSVP to [nregcsi@gmail.com](mailto:nregcsi@gmail.com).