

Your Past, Present and Future

Chapter Meetings are 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 at Williker's BBQ Route 20 Shrewsbury, MA.

9/19/17	Architectural Scavenger Hunt
10/17/17	Drones and their Applications
11/21/17	Treehouse Brewery Tour in Charlton
12/8/17	Holiday Party and Yankee Swap Featuring Comedian James Dorsey
1/16/18	Learning How to Implement BIM
2/20/18	Building Code—9th Edition Update
3/20/18	Tour of Railers Hockey Rink
4/17/18	Mock Bid Competition
5/15/18	Proper Design and Specification of Commercial Fiber Concrete
6/19/18	Bravehearts Baseball Outing (see page 9)
7/27/18	WCCSI Summer Open (see page 10)

This month's inside stuff

The President's message.....	pg 2
Board of Directors meeting minutes.....	pg 3
CDT as Certification Transition.....	pg 4
CSI Announces Project Dynamo.....	pg 5
NERCSI Conference Wrap up.....	pg 6
Local Architect goes cross country.....;	pg 6
Are Construction Documents worse than ever?	pg 7
Bravehearts Baseball outing.....	pg 9
Construction Industry Summer open.....	pg 10
Golf Registration Form.....	pg 11
Thank You to our Golf Tournament Sponsors.....	pg 12
Membership Update.....	pg 13

CSI Worcester County Chapter Meeting

Program: Bravehearts Baseball Outing
Date: Tuesday June 19, 2018
Time: 5:00 PM - 7:00 PM Bullpen Buffet
We will sit in a tented area for the buffet
Game: 6:30 PM Game Time - Play Ball!
Box seat for CSI at the game
Place: Worcester Bravehearts
 1 College Street
 Worcester, MA 01610
www.WorcesterBravehearts.com
Cost: \$27 per Adult
 \$18 per Child (under 12)
(includes Buffet, Game ticket, & parking)

Worcester Bravehearts Baseball Team is now in their fourth year, the Bravehearts strive to bring great baseball and memorable family experiences at affordable prices to Hanover Insurance Park. The Bravehearts are the reigning champions of the Futures Collegiate Baseball League (FCBL) and compete against 9 other teams from around New England in stadiums that give fans a full Minor League-style experience. Half of our players are local, meaning that they either grew up in Central Massachusetts or are currently playing baseball at a college or university in New England. Chances are that you'll see some familiar faces on the field when you come enjoy a Worcester Bravehearts baseball game!

We will sit with other groups in a tented area that accommodates 100 people for the Buffet and at 7:00 pm we will move to our reserved box seats for CSI at the game.

If there is a rainout, we will eat anyway, but our tickets are good for any other ballgame this season.

Important note: Anyone that needs special assistance moving from the parking garage into the ballpark will be shuttled in a golf cart driven by a Bravehearts employee.

Spouses and children are welcome!

Please RSVP to Terri Bracken at
neregcsi@gmail.com

Chapter Officers:

President: Northeast Region Awards Chair	Stephen VanDyke, CSI Nault Architects, Inc. 71 Hope Avenue Worcester, MA 01603-2212 508.755.6134 F 508.754.4661 steve@naultarchitects.com
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NE Region President: Certification Chair:	Martin J. Helly, CSI, CDT MH Spec 184 Greenleaf Drive Florence, MA 01062-9770 413.586.7769 martyhelly@verizon.net

This past month, the Northeast Region's annual convention was hosted by the Vermont Chapter in Burlington Vermont, with technical seminars by Vermont CSI/AIA on a changing workplace and fostering workplace diversity, a trade show with over 40 vendors and workshop programs by the Northeast Region on strengthening the Chapters. The show was well attended, and a great opportunity to connect with others from outside our own Chapter, to hear success stories and lessons learned.



Of particular note was the Region Conference keynote address by Paul Doherty of The Digital Group. Paul developed what we know today as BIM, selling his company to Autodesk who rebranded it as Revit. But Paul hasn't rested on his laurels after changing the way we draw – he's on the leading edge of forward thinking. His presentation, hosted from a remote location in Saudi Arabia where he's been tapped to design an entire city with all its infrastructure for a Saudi Prince, Paul describe new developments in technologies which were stunning. Highlights include:

1. The use of piezo electric components in flooring, roads and tires which create an electrical charge when compressed by foot or vehicular traffic, and a means by which to harness that electricity wirelessly.
2. LED light fixtures which work on the same frequency as wireless internet, allowing every streetlight in the city to double as a WIFI transmitter so you have connectivity everywhere you go, indoors and outdoors.
3. The use of augmented reality interfaced to the BIM model, through 3D glasses that allow tradesmen to "see" the building layout as they stand in the uncompleted building. No more tape measures and plans – look at the floor, see a wireframe model of where the stud track goes, set the track there and nail it down. Look up and see the studs – set them where you see them and screw them in place.
4. A city-wide as-built of BIM models, correctly positioned geospatially through something like Google Earth instead of a collection of separate files. He showed fire fighters entering smoke-filled buildings with zero visibility, but able to navigate through an unfamiliar building by looking at a tablet strapped to their forearms which showed the interior layout, "Minecraft" style.
5. Automated busses and taxis using the city BIM rather than LiDAR to navigate, and an evolution of the food truck that would let you hail an automated "pod" like you hail an Uber. Need a Starbucks coffee? Hail the Starbucks pod and an automated vehicle comes to you.
6. To create a city's worth of immediate affordable housing, TDG has developed a plant which turns out a fully finished, complete housing unit every 7 minutes.

And there's more. And this is real, happening now. TDG will be launching the automated busses and piezoelectric technology in Nashville as their first volley in the USA. If you weren't there, you missed out, but you can learn more at <https://www.thedigitgroupinc.com/> or watch some of his presentations on YouTube by searching "The Digit Group".

Steve VanDyke,
CSI Worcester Chapter President
<http://csiworcester.com>

WCCSI Board of Directors meeting

Minutes of Board of Directors, WCCSI 05/01/18

@ Willikers Tex-Mex, Shrewsbury Ma



**** Note, All Motions were voted on and accepted unanimously except noted otherwise.**

Called to Order: Steve Van Dyke 5:05 pm

Attendees: Steve Van Dyke, Ken Henderson, Michael Lapomardo, Mike Sheehan, Peter Caruso, Neil Dixon, Roland Barrett

1 Reviewed Minutes from the last Board Meeting:

Motion to accept April Minutes as submitted

1st Neil 2nd Mike L

2 Treasurers Report:

1. -1.02% ytd 5.25% since inception

Motion to File: 1st Roland 2nd Ken

3. Programs.

May- Macro Fiber Concrete at the Sterling Plant. Live Demo (Mike S) still on track. A quick plant visit, followed by dinner at J Anthony's arranged by Mike S. Flyer is approved. Learning objectives have been written and the program is approved through Ken.

June 19th- Bravehearts Baseball Outing. (Mike S confirmed this) 50 seats have been held. Flyer is approved.

July 27th- Golf (Mike L) Sponsors are coming in, but we still need more. Terri sent a "Save the Date" Reminder to all members. At the June BOD Meeting we will discuss final preparation for Golf.

Aug- Tour Bancroft Tower and have an open, Informal Gathering. (Steve) 3rd week of August. We encourage guests.

Mike S will check with the Dog Father Re: Food

September- Scavenger Hunt (Steve)

Oct- Commercial Development and Planning, City of Worcester. Mike L will reach out to Mike Traynor re: talking points and a power point presentation.

Nov- Possible ICF Presentation by Michelle Roberts.

Dec 14th or 7th Holiday Party

Holy Name Turbine Tour. Steve (Best to save for a warm month)

6. Regional Conference in Burlington VT

1. May 9-10 : Marty, Steve and Terri will be attending as Region Reps, as well as Mike S and Mike L from the Worcester Chapter.

7. Membership:

Currently at 33.

8. Newsletter

1. Roland and Steve agreed to try and get the Newsletter out the first Tuesday after the BOD Meeting
2. Roland will mention the new website

<http://csiworchester.com>

Great to see Roland back in better health!

9. Scholarship Planning

1. Terri sent out Scholarship Apps to Voke Schools and verified the contacts.

Steve will see about inviting the Trust Manager from WPI to the June BOD Meeting for a brief presentation and possibly invite the Worcester Fund to speak in July.

10. Website

We have migrated to the new site. Steve has asked Mike Helly to point people out to "How to Join". The new site is

<http://csiworchester.com>

10. Elections: Worcester Chapter Election Results:

- President Steve Van Dyke
- Vice President Ken Henderson
- Treasurer Mike Lapomardo
- Board Peter Caruso

Board Marty Helly

11. Next Meeting:

1. June 5th, 2018

Adjourned 6:15pm Moved Neil 2nd Peter

Respectfully submitted: Michael Sheehan.

WSS



DSA

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CDT as Certification Transition & Update to Prerequisites

CSI is continuing its work to transition the CDT from its current status as a certificate to a professional certification. The main changes to the CDT program include adding modest prerequisites to qualify to sit for the exam and a continuing education requirement to retain and renew the credential. These changes will enable CSI to represent the CDT as a professionally recognized certification.

While the change to the CDT program will take effect on July 1, 2018, it is important to keep the following points in mind and communicate them to members with questions:

- No action is required at this time.
- For current CDT certificate holders, the credential is still valid.

Renewal of any CSI credential is entirely voluntary.

Renewal of the CDT certification will not be required until June 30, 2021. Candidates for renewal will have the next 3-years to prepare for this renewal. Renewal is only necessary if you wish to continue use of the CDT as a professional certification and use it as a designation after that date. Beginning in the Spring of 2021, CDT certificants will receive renewal reminder notifications from CSI. These notices will prompt the certificant to complete their renewal online through their account prior to the expiration date of 6/30/2021. The CDT renewal requirement will match those of the other certifications.

1. The certificant must report 24-hours of Continuing Education.

- 50% of topics must be related to the professional practice of the certification being renewed, as defined by the CSI Practice Guide.
- Up to 50% may accrue from serving on a CSI standing or ad hoc committee or on a CSI task team.
- 100% must be related to the construction industry or the

construction process.

[Click here for CE Reporting Instructions](#)

2. The certificant must complete an online Renewal Application and Attestation that will be available in the Spring of 2021.
3. The certificant must pay the renewal fee.

The current renewal fee for other certifications is \$140 paid every three years. Please note the 2021 renewal fees have yet to be determined and may be different than current renewal fees.

For new applicants, CSI is implementing the following changes as certification prerequisites to qualify to sit for an examination.

See next page for prerequisites!

CSI's mission is to support the professional success of our membership. These changes to the certification program are intended to increase the value of the certification for the certificant and to the industry at large.

If you have any questions please do not hesitate to contact me at certification@csinet.org or 703-706-4746.

For additional information regarding CSI Certifications and Renewal view our [Frequently Asked Questions](#), download the [PDH upload instructions \(PDF\)](#) or contact CSI Member Services at 800-689-2900 (Monday - Friday, 8am - 8pm ET) or at csi@csinet.org.



Aaron Robbins Wiseman, M.S.
Manager, Professional Development
Construction Specifications Institute
703-706-4746

www.csiresources.org



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

The Sunbelt Rentals logo features a yellow gear-like sun icon above the text "SUNBELT RENTALS" in a bold, white, sans-serif font, all set against a green background with a subtle grid pattern.

1-800-NO-SWEAT

Branch # 290
800 Hartford Turnpike
Shrewsbury MA, 01545

Branch # 292
254 SW Cutoff
Worcester MA, 01604

Prerequisites for CSI Certification Programs after July 1, 2018:
For applicant holding a valid CDT Certification the prerequisites for the CCCA, CCPR and CCS remain unchanged. Candidates who do not possess a valid CDT certification must meet the following prerequisites.

CDT	High School Diploma or equivalent	
CCCA	High School Diploma or equivalent	Have a minimum of five (5) years' experience in the construction contract administration process, attested by two people experience in the field.
CCS	High School Diploma or equivalent	Have prepared and coordinate either Division 00-Procurement and Contraction Requirements or Division 01-General Requirements actually in construction experience in the field. Have a minimum of five (5) years' experience in the preparation and coordination of specifications actually used in construction and have five years' experience, attested to by two people in the field, in preparation of contract documents.
CCPR	High School Diploma or equivalent	Have a minimum five (5) years' experience in the representation of construction products(s) exclusive of academic preparation, attested to on company letterhead by two manufacturers and or/employers.

CSI Institute News

CSI Announces Project Dynamo, an Industry Wide Digital Construction Initiative

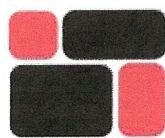
Driven by rapid change and the need to better integrate specifications, building products, and building information modeling (BIM), the Construction Specifications Institute (CSI) announced CSI Project Dynamo, an initiative to expand its industry standard organizing principles to work more effectively with BIM to support the digital needs of design and construction professionals.

CSI Project Dynamo is a pilot program to expand the North American MasterFormat®, Uniformat®, and Omniclass® standards for organizing construction information by creating a more robust connection between the standards and BIM objects. These standards are used by tens of thousands of AECO professionals globally, and embedded in a wide range of design and project software.

CSI Board Chair, Ron Geren, FCSI, AIA, CCS, CCCA, said “CSI is founded on the principle of working across the spectrum of a project—from ownership, through design to construction and facility management—and serving the industry by meeting those broad and inter-connected needs. Because of this interdisciplinary approach, CSI can ensure the capabilities envisioned for this project serve the entire industry.”

“The focus of the effort is to ensure that data is accurate, timely and available when and where it is needed throughout the lifecycle of a project,” added Mark Dorsey, CSI Chief Executive Officer. “CSI Project Dynamo will consult with subject-matter experts, industry associations, and Construction Specifications Canada to create the pathway towards improved workflow and better organization of information to ensure we keep pace with the rapidly evolving digital world and meet diverse industry needs.”

 **Learn More**



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Northeast Region of CSI Conference

Wrap up

This past month Vermont CSI hosted the Northeast Regional Conference in Burlington, VT which included many interesting technical programs and a full trade show. The event opened with the President's welcome and Awards



Lunch, and this year the Worcester Chapter received the most awards of any chapter in the Region! Mike and Mark Lapomardo received the Education Award, for developing the Construction Industry Summer Open, a golf fund raiser which has given away over \$75,000 to 43 college students over the last 19 years.

Jackie Baum, a registered architect at Dixon Salo Architects was awarded a Certificate of Appreciation from the Region for her efforts pulling together the Mock Bid Competition WCCSI held in April of this year. Jackie worked with Portland Oregon's CSI Chapter to obtain the concept of the program, and so far its also been implemented by the Rhode Island Chapter.

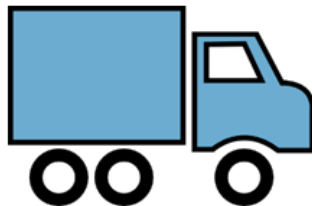
Marty Helly, Board Member and current Region President was awarded the Conference Chair Citation at the request of the Vermont Chapter, for his invaluable assistance to them in organizing the Conference.

Steve VanDyke was awarded a Certificate of Appreciation from the Region President, for his efforts as the Regional Awards Chair.

All in all, Worcester was well represented at the Conference and well appreciated by the Region. Good work all - keep it up!

Steve VanDyke, CSI
Nault Architects, Inc.

WORCESTER TRUCK BODY



323 Southwest Cutoff - Worcester, MA 01604

Bill Sharp, President

508-752-2313

Local Architect, Dave Krom, goes cross country on his bicycle

Dave Krom has completed his cross country bike ride from Santa Monica Pier in California to Joe Moakley Park Beach in Massachusetts.

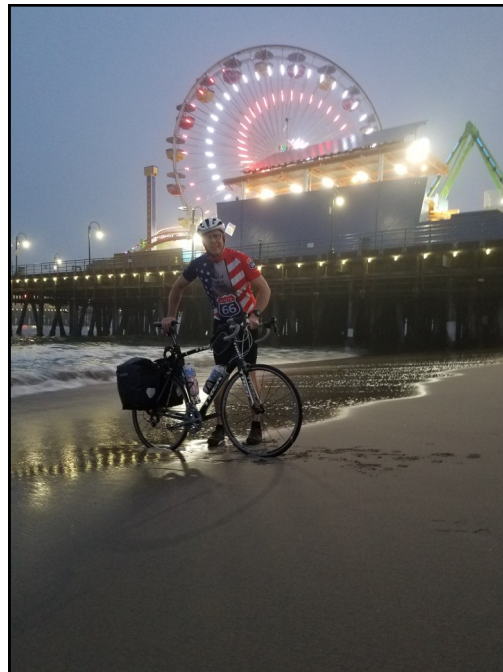
"Attached are pictures of me dipping my rear tire in the Pacific (Santa Monica Pier) and my front tire in the Atlantic (Joe Moakley Park Beach). It was quite an adventure. I saw some great places and met some great people. It was stressful at times dealing with chasing dogs, ignorant drivers, a variety of weather conditions, and flat tires. I'm glad I did it but I'm glad I'm home. I'm not glad I'm back at work! I'm counting the days until my next birthday..."

"Hope all is well with all of you! Best..."

Dave "Architrek"

cell 508-735-2358

Congratulations Dave for your amazing accomplishment!

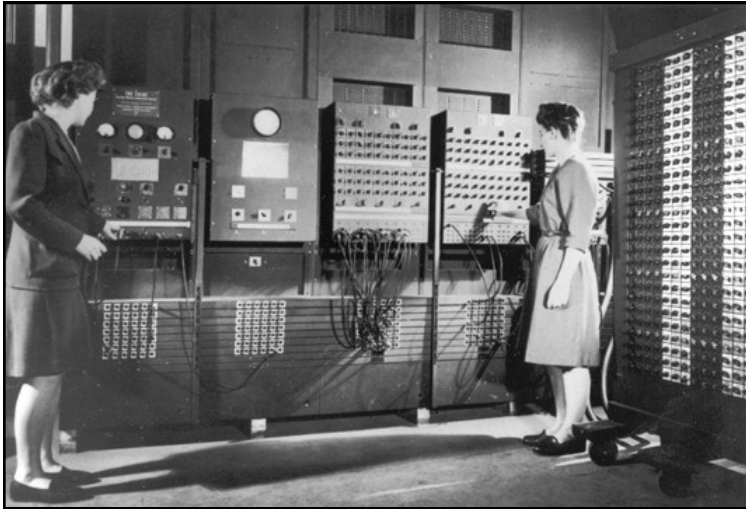


Santa Monica Pier



Joe Moakley Park Beach

Construction documents - are they worse than ever?



One of the presentations at the 2017 convention in Providence was a panel discussion titled *Hot Topics and Emerging Trends*, which included comments about the decline in the quality of construction documents. I found this to be an interesting subject, as I had seen many attacks on document quality over the years. Not only that, but I had made presentations on the subject.

In 1997, Michael Chambers and I presented "Document Coordination" for the Minnesota chapter of AIA. We discussed the roles of drawings and specifications, document quality, coordination techniques, short-form specifications, and MasterFormat 1995. Our handout included reprints of several articles about document quality; some, with scary titles, tried to prove that construction documents were atrocious and getting worse, while others how quality depended on coordination of construction documents.*

The frequency of problems in construction documents makes it easy to accept claims that they are getting worse. In 1997 I believed those claims, but I now believe the opposite. I would argue that overall, construction documents are better than ever before.

Since the presentation Michael and I made in 1997, I have continued to collect articles about the quality of construction documents. Most of the articles address current document quality, but a few discuss a *change* in quality. The main difference is, while the first group of articles describe specific problems, the articles that talk about changes of quality lack specificity. Rather than explain how documents have changed, they rely vague expressions of individual perception.



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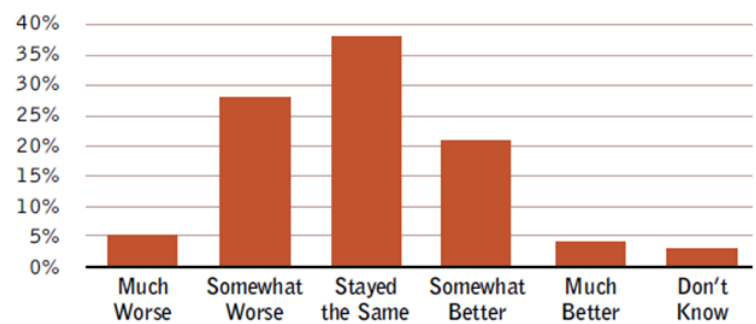
For example, the Construction Management Association of America (CMAA) has published several annual reports, often in conjunction with the Facility Management Institute (FMI). These reports frequently refer to a decline in the quality of documents, with conclusions based on comments obtained by surveying facility owners, but they do not include supporting information. I have seen thirteen of these reports, going back to 2000.

The reports consistently claim that quality of construction is a major concern, and sometimes say there has been a decline in the quality of documents. The 2003 survey report was the first to assert that "there is a general decline in document quality," along with declining skill levels. There is no support for the claim, but the report does include an interesting exploration of reasons for that decline.

The 2004 survey asked, "Have you experienced a decline in the quality of design documents?" More than 70% of responders said yes. Even so, it's worth noting that about 30% said documents at the beginning of construction were adequate or excellent.

From then until the 2010 survey, survey reports mentioned document quality only tangentially, noting that quality is always a concern, but making no specific reference to a change in quality.

Quality of Construction Documents



The 2010 report states about 30% of owners report that the quality of design documents worsened in the previous two years. That sounds bad, but the graph provides additional information. Even though about 30% of owners said document quality had declined, more than 35% said there had been no change in quality, and 25% said they were better!

While we should know of problems with construction documents, cherry-picking statistics is unnecessary and unjustified.

The most recent CMAA report, published in 2015, states, "as major challenges, the poor quality of documents tops the list." It goes on to say, "This finding is consistent with ... the 2010 study, i.e., 34 percent said the quality of design documents had declined ... and 33 percent made the same claim about construction documents. ... as long ago as [2005] more than 70 percent of respondents had cited a



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Michael Lapomardo, CSI, CDT Mark Lapomardo, CSI
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decline in the quality of design documents.” Again, the report uses only some of the information; it uses its own reports as sources but adds nothing new. The only other reference to document quality appears in a graph that shows poor document quality is an urgent challenge for owners.

One of the articles Michael Chambers and I used as a handout, “Contractor Survey Finds That Specs Don’t Measure Up,” was based on a survey conducted by *Engineering News Record* (ENR) and the School of Building Construction at the University of Florida.

ENR sent surveys to 500 contractors and received responses from 120 of them. Asked about the quality of specifications, 37% were rated good, 35% were rated fair, and 17% were rated poor. Compared to drawings, 85% of respondents said specifications were “sometimes or even more often” of lower quality. They reported that more than 84% of specifications “sometimes, often or generally have major omissions.” Contractors complained that specifications are boilerplate and contained irrelevant information. As was the case with the CMAA reports, the ENR survey summary expressed only subjective opinions.

How can this be?

In 1997, I accepted both claims about construction documents - that they had many problems and that they were getting worse. I had seen enough of them to know that defects were common, and because all I had heard about the change in quality was negative, I believed what I had read. In the time since then, I have noticed that every few years, the decline in construction document quality again becomes a popular topic. But, if document quality was declining twenty years ago, and has continued to decline since then, how is it that we can build facilities today that are more complex than they were in the ‘90s?

In a sense, this is the opposite of what we often seen in advertising. Every time a product is changed - and, I suspect, sometimes when it hasn’t changed - it is promoted as “New! Improved!” If laundry detergent, for example, has been improved many times since it was introduced, it should be perfect by now, but it’s not. And chances are, within the next year or two we’ll see more “improved” versions of many common products.

I contend that the quality of construction documents not only is *not* declining, but is, in fact, improving. Some of the improvement can be attributed to our tools. As software evolves, it makes it easier to avoid many types of mistakes. Both graphic and text processing programs now incorporate features that eliminate some problems, reduce the frequency of others, and help the user make correct choices. Also, the basic data used by computers has improved by becoming more standardized, and by being continually revised to incorporate real-world information. Many design firms have libraries of proven details and specifications that can be used as-is in

many cases, and that can be easily modified to meet project-specific requirements. Building models now can incorporate complete, actual dimensions of structural elements, mechanical systems, and many products, allowing generation of more accurate dimensions, and software can analyze models to find conflicts.

I’m not saying documents are perfect. I continue to see mistakes in both drawings and specifications, and it’s likely they will never be eliminated. There will always be new employees who need to learn the correct way of creating drawings and specifications, there will always be new contractors and subcontractors who must learn how to use construction documents, and there will always be new products and processes that will challenge designer and contractor alike. I see the problem as one of perception. Assume a typical project has 10,000 items. If 100 of them present problems, it’s likely that the 9,900 - or 99% - that were *not* a problem will be forgotten, and the one percent that didn’t work will be the ones that are remembered.

A word about boilerplate

As noted above, contractors and suppliers frequently complain about text that is repeated many times with little or no change. What they don’t seem to understand is that some requirements do not change much from one project to another. Specifications aren’t prose; they’re documents that define products and processes used in construction. If a given window is used in two projects the specifications may well be identical because that particular window is required in both projects. Similarly, the general conditions may be identical in multiple projects, and even the supplementary conditions may vary only slightly from one to another.

Boilerplate isn’t bad; it’s necessary. However, the amount of boilerplate can be minimized by proper use of Division 01 and industry standards, and by elimination of redundancies and nonessential text. What have you seen? Are contract documents getting worse? If you think so, please post a comment on my blog to explain why, and provide evidence!

** Partial list of articles reprinted for 1997 AIA presentation:*

*“Contractor Survey Finds That Specs Don’t Measure Up,”
“Contractors seek more detailed drawings, greater coordination,”
“Field Interpretation and Enforcement of Specifications,”
“Avoiding Liability in the Preparation of Specifications,” “Sum of the Parts: Complementary Documents,” “The Standard of Care,”
“When Drawings and Specifications Conflict,” “Study pinpoints reasons for building problems.”*

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[Agree? Disagree? Leave your comments at
http://swconstructivethoughts.blogspot.com/2018/02/construction-documents-are-they-worse.html](http://swconstructivethoughts.blogspot.com/2018/02/construction-documents-are-they-worse.html)



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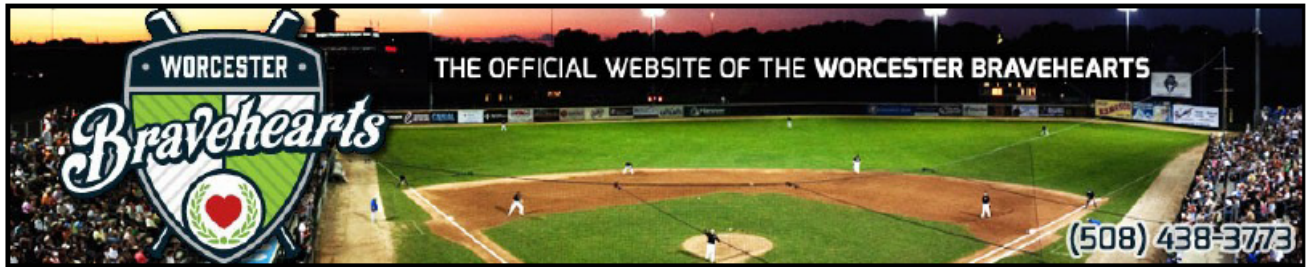
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Construction Specifications Institute Ballpark Family Picnic



When: Tuesday June 19, 2018

Time: 5:30 PM - 7:00 PM Bullpen Buffet

We will sit in a tented area for the buffet

Game: 7:00 PM Game Time - Play Ball!

Box seat for CSI at the game

Place: Worcester Bravehearts

1 College Street

Worcester, MA 01610

www.WorcesterBravehearts.com

Cost: \$27 per Adult

\$18 per Child (under 12)

(includes Buffet, Game ticket, parking & Free Hat)

The Bullpen Buffet

Grilled Angus Burgers

Grilled Jumbo Fitton Field Franks

Grilled Chicken Sandwiches

Grilled Veggie Burgers

Pasta Salad

Potato Salad

Chips and Pickles

Cookies and Brownies

Make Your Own Sundaes

Soda and Bottled Water

Worcester Bravehearts Baseball Team is now in their fourth year, the Bravehearts strive to bring great baseball and memorable family experiences at affordable prices to Hanover Insurance Park. The Bravehearts are the reigning champions of the Futures Collegiate Baseball League (FCBL) and compete against 9 other teams from around New England in stadiums that give fans a full Minor League-style experience. Half of our players are local, meaning that they either grew up in Central Massachusetts or are currently playing baseball at a college or university in New England. Chances are that you'll see some familiar faces on the field when you come enjoy a Worcester Bravehearts baseball game!

We will sit with other groups in a tented area that accommodates 100 people for the Buffet and at 7:00 pm we will move to our reserved box seats for CSI at the game.

If there is a rainout, we will eat anyway, but our tickets are good for any other ballgame this season.

Important note: Anyone that needs special assistance moving from the parking garage into the ballpark will be shuttled in a golf cart driven by a Bravehearts employee.

CSI Worcester County Chapter
PO Box 2893
Worcester, MA 01613

Please RSVP to Terri Bracken at
neregcsi@gmail.com



Construction Industry Summer Open

Sponsored by:

CSI Worcester County Chapter

When: Friday July 27, 2018

Where: Heritage Country Club

85 Sampson Road

Charlton, MA 01507



*Proceeds from the Tournament help sponsor Scholarships
awarded by CSI Worcester Chapter*

Edward M. Healy Scholarship

Michael G. Lapomardo, Sr. Scholarship



**In Memory of
Edward M. (Ted) Healy "Ole' Argyle"
March 7th 2017**



**In Memory of
Michael G. Lapomardo, Sr.
July 15, 1996**

Save the date!

Registration starts at 8:45 AM

Tee time is 10:00 AM sharp!

Shotgun Start!

**Come join us for a fun filled day of Golf,
Raffles and a great steak dinner.**

**CSI Worcester County Chapter
PO Box 2893
Worcester, MA 01613**

**Phone: 508-753-7436
Fax: 508-756-0610
E-mail: mike@antonelliconstruction.com**



WORCESTER COUNTY CHAPTER
CONSTRUCTION SPECIFICATIONS INSTITUTE
P.O. BOX 2893 – WORCESTER, MA 01613

20TH ANNUAL CONSTRUCTION INDUSTRY SUMMER OPEN

Friday July 27th, 2018 – Heritage Country Club – Charlton

10:00 AM – SHOTGUN START

ONLY \$125 PER PERSON – INCLUDES GOLF – CART- LUNCH- STEAK DINNER - PRIZES

REGISTRATION FORM and SPONSORSHIP OPPORTUNITIES

- ____ **DOUBLE EAGLE SPONSOR @ \$2,000**
____ **EAGLE SPONSOR @ \$1,000**
____ **BIRDIE SPONSOR @ \$ 750**
____ **HOLE SPONSOR ONLY @ \$150 (NO PLAYERS)**
____ **HOLE SPONSOR @ \$100 with TEAM REGISTRATION (\$50 DISCOUNT)**
____ **PLAYER ONLY @ \$125 EACH X _____ (# PLAYERS) = \$ _____**

Contact:	Company:
Email:	Address:
Phone:	City/State/Zip:

Please provide Player Names and Handicap (or average 18-hole score). Teams will be handicapped.
Note: Double Eagle Sponsors – please provide information for all 8 Players.

	Player Names:	Email Addresses:	Handicaps:
1			
2			
3			
4			

PAYMENT INFORMATION:

____ Check enclosed (payable to WCCSI) or ____ Bill me via PAYPAL at email: _____

REMINDER: If you are a SPONSOR, please include a business card for the program and signage setup.

Electronic copies can be emailed to golf@csiworchester.com. This information is time-sensitive, so please get this important information to us before July 11th. If you have any questions, please call Mike at 508-753-7436.

REGISTRATIONS and PAYMENTS should be mailed to WCCSI - P.O. Box 2893, Worcester, MA 01613

Payments and registration must be received by July 18th to guarantee your spot.

After July 18th, acceptance is based on availability.

Thanks for your support!

See you at the event!



SPECIAL THANKS TO OUR

EAGLE SPONSORS

Antonelli Construction Co. Inc.

Arthur Cole Painting

MH Specs

The Garland Company



BIRDIE SPONSORS

Andersen Windows and Doors

Avidia Bank

Crawford Truck Sales

A.W. Hastings

Marsh & McLennan Agency

Oakman Enterprises

Spectrum Enterprises

Membership Report - May 2018

Worcester members as of June 8, 2018

29 members
22 professional
5 emeritus
1 retired
1 student

Renewals: Thanks for Renewing:

Mr. Michael Lapomardo Jr., CSI, CDT
Ms. Jacquelyn Baum, CSI

Members needing to be renewed:

Mr. David Allor, CSI
Mr. Michael Gorman, CSI, AIA
Mr. David Braune, CSI
Mr. Simon Braune, CSI
Mr. Anthony Oakman, CSI
Mark Lapomardo, CSI
Mr. Jim Olender, CSI, CCPR
Mr. Lawrence Tuttle, CSI

WSS

Sponsorships Available!

Contact the Editor for further details.

Sizes and cost

One year = 10 Issues

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1/2 Page - 5" x 8"	\$500 Per Year
Full Page - 8 x 10"	\$750 Per Year Full Page
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