



SPECTRUM

Newsletter of the Puget Sound Chapter CSI - March 2020 - VOL 75

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Event Spotlights

Kick Some Axe!

Get Social with CSI - Networking Event at Axe Kickers

Kick some axe with CSI!

- Learn how to properly throw an axe, one-handed, and two-handed (or no hands)
- Time to dig out that Paul Bunyan plaid shirt that's buried in your closet
- Bring a friend and get ½ off your registration fee

Closed toe shoes required
Free parking available

[Register Here!](#)



THURSDAY, MARCH 12, 2020

5:00 PM - 7:30 PM

Axe Kickers

10843 First Ave South
Seattle, WA 98168

CDT Prep - Class 3 of 3: Question + Answer Happy Hour

Introduction to the CSI Construction Documents Technology (CDT) Certification exam



TUESDAY, MARCH 24, 2020

5:30 PM - 8:00 PM

College Club Seattle

11 E Allison St, Seattle WA
98102

[Register Here!](#)

Take a break from studying to join in this CDT Happy Hour! Industry experts and a recent CDT exam passer will be available to answer your questions.

Let off some steam, bring your questions, and take the time to swap study tips and tricks with your fellow CDT candidates.

New 2018 State and Local Energy Code Amendments

Join us at the Monthly Chapter Meeting for this Presentation and Discussion

Duane Jonlin is the **“Energy Code and Energy Conservation Advisor”** for **Seattle’s Department of Construction and Inspections**, and for eight years chaired the **Technical Advisory Group** developing the Washington state energy code for the State Building Code Council.

At the federal level, he is a voting member of both the ASHRAE 90.1 Committee and the ICC Commercial Energy Code Committee.

Prior to taking his position at the City of Seattle, Duane was a principal at NBBJ, with **30 years’ experience designing complex projects as a technical architect**. (And, he’s been responsible for writing many project manuals.)

He is a featured speaker nationally on issues of **energy efficiency** and **energy regulations**, and in 2016 was elected to the **American Institute of Architects College of Fellows**.



Duane Jonlin FAIA
Energy Code and Energy
Conservation Advisor,
Seattle Department of
Construction and
Inspections

THURSDAY, APRIL 9, 2020

5:00 PM - 7:30 PM

**Downtown Seattle;
Location TBD**

[Register Here!](#)

Upcoming Events



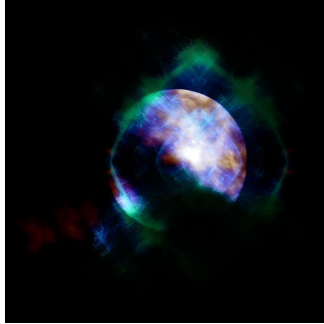
March 12, 2020
[Kick Some Axe!](#)
[Networking Event](#)



March 24, 2020
[CDT Prep Class 3 of 3](#)



[March 31, 2020](#)
[ProSpec](#)



April 9, 2020
[New 2018 State and Local](#)
[Energy Code Amendments](#)



May 14, 2020
 Installation Demonstration
[More Info Coming Soon!](#)



June 11, 2020
 Puget Sound CSI
 Awards Ceremony
[More Info Coming Soon!](#)

Board of Directors Elections

BOARD OF DIRECTORS ELECTIONS FOR 2020-2021

PSC CSI elections will take place electronically in March. Voting Members, watch out for your ballot, coming soon!

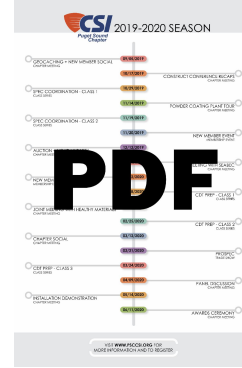
- **President:** 3 year commitment; first year as President-Elect, learning the role; the following year as President; and the final year as Past-President, acting as an advisor for the following season's President.
- **Vice President:** 1 year term.
- **Secretary:** 1 year term.
- **Director #3:** 2-year term; serve as a liaison between committees and the Board.
- **Director #4:** 2-year term; serve as a liaison between committees and the Board.

Interested? [Email our office for more information](#)

2019-2020 Season Calendar

Our 2019-2020 season calendar is now available as a printable graphic.
[Download it here](#) and don't miss an event!

Take me to the [PSC CSI Website](#)
for more information.



[Download.pdf](#)

Sponsorship Opportunities

Sponsorship packages are available for all our [events](#).
Please click on registration links for events above for sponsorship information.

President's Message

A Dive Through History

by Melissa Falcetti, PSC CSI President



Historian's Corner by Rob MacDonald

When our chapter left our last management company, a few of our Board members took possession of a seemingly endless number of years of financial records and miscellaneous documentation. Among those boxes, we found a few gems.

One of my boxes contained three binders of "President's Files" ranging from 1980 through 1999. I thought it would be fun to highlight some of the finds from some of the earlier files:

GLOSSARY OF CONSTRUCTION DEFINITIONS - 1980

Published in the November 1980 Spectrum

- **Engineer's Estimate** ... the cost of construction in heaven.
- **Hydroelectric Construction**... is just one damn thing after another.
- **Diversification**... an attempt to profit by betting on every horse in the race.
- **Specialization**... betting everything on the wrong horse.

- **Project Manager**... the conductor of an orchestra in which every musician is in a different union.
- **Strike**... an effort to increase egg production by strangling the chicken.
- **Bid**... a wild guess carried out to two decimals.
- **Low Bidder**... a contractor who is wondering what he left out.

INTRODUCTION by John Greiner

Introductory Note to President's Files for the 1981-1982 season

If I had known that this would be required at some future date, I would have kept better track of my "President's Papers." Unlike former presidents like Nixon and Ford, I had no intention of keeping a paper trail for posterity.

On the Lighter Side by renierg

Published in the June 1983 Spectrum

Let us begin. First, read the directions before proceeding carefully. Record your answers on the enclosed card in reverse order to the questions as they appear herein and hereon. You may proceed when I say that this test should take very little thought and even less effort.

1. Real Architects do not read

- true
- Masters and Johnson.
- graffiti in public places.
- false
- because it is not required in the profession.

...

6. Real Architects are best known for their

- charisma and facial hair.
- vast knowledge on most everything.
- wine cellars.
- key roles in popular contemporary novels.
- creative business sense.

Now carefully record your score as directed and send the answers to me c/o Relta Gray Associates, along with a dollar two ninety-five for handling and entertainment and now I guess for the new taxes.

Historian's Corner by Rob MacDonald, Committeeman

Published in the October 1983 Spectrum

CSI Format advocates the abandonment of the "Bid Time Storey Book" and the promulgation of a standard internally recognized specification format as recognizable as the dictionary, the encyclopedia, the yellow pages, ASTM standards, the daily newspaper, the want ads and many other standard formats we naturally take for granted and that improve and facilitate our communication with one another.

Faces and Places...

Published in the November 1985 Spectrum

Paul Wu, pleased with the response to changes for the upcoming roster, hopes the rest are A-okay. He doesn't want to hear complaints, evidently.

Down Past Skid Row by AW

Published in the February 1990 Spectrum

I've found that oftentimes if you explain to someone the underlying principles of what you're doing (or trying to do), they don't make the same mistakes anymore. One of Bob Sear's classic comments to a designer was: "And where do you expect me to specify the 9

inch tall person who is going to fasten this together from inside the duct?"

It might be a cliché, but it was fun to see both how much has changed and how much has remained the same throughout the years. To me, humor will always be an integral part of this chapter. As John M. Hansen, Historian, wrote in the December 1983 Spectrum, "these are our roots." Cheers to continuing that legacy.

OP ED : What IS CSI?

by Beth Stroshane, former PSCCSI President

CSI is the organization **where you learn to understand the language of other roles** in the industry. Where architect learns to understand contractor, and contractor learns to understand envelope consultant in a collaborative environment.

CSI is where you find answers when you run out of the internet. You can Google what is EPDM roofing. Google cannot tell you how to detail it on your particular job or which thickness is appropriate for your project's goals. CSI members can walk you through that in a collaborative non-sales environment.

Board of Directors Meeting Minutes

Board Meeting minutes:

- [November 2019](#)
- [December 2019](#)

Help Support CSI's Mission

In 2007, the Puget Sound Chapter CSI established the Puget Sound CSI Memorial Foundation, **a separate organization providing scholarships, fellowships, and grants to promote educational programs serving the construction industry** and related endeavors which support the interests and objectives of the Puget Sound Chapter. The Foundation is administered by a board of volunteers, composed of willing past presidents of the Puget Sound Chapter. Any individual or organization can contribute tax deductible donations to the Foundation. You can donate to the Foundation via our PayPal account, or by mailing a check made out to:



Puget Sound CSI Memorial Foundation, Inc.
PO Box 82062
Kenmore, WA 98028-0062

Past donations have been used to award scholarships to candidates selected on the basis of recommendations by the Foundation Board and by Chapter members. The Foundation is always interested in your **fund-raising ideas and financial support** to promote the Foundation's objectives.

ProSpec Keynote Speaker

by Julie Taylor

Ronald Rael will be the keynote speaker. He is an applied architectural researcher, author, design entrepreneur, and thought leader in the fields of additive manufacturing and earthen architecture. In 2014 Rael San Fratello (co-founded with architect Virginia San Fratello), was named an **Emerging Voice by The Architectural League of New York—one of the most coveted awards in North American architecture.**



His first book, *Earth Architecture* (Princeton Architectural Press, 2008) is a history of building with earth in the modern era to exemplify new, creative uses of the oldest building material on the planet. A forthcoming book, *Borderwall as Architecture* (University of California Press 2017), advocates for a reconsideration of the barrier dividing the U.S. and Mexico through design proposals that are hyperboles of actual scenarios that occur as a consequence of the wall. Emerging Objects, a company co-founded by Rael, is an independent, creatively driven, 3D Printing MAKE-tank specializing in innovations in 3D printing architecture, building components, environments and products.

As an associate professor of architecture at the University of California, Berkeley, he is the **Director of the printFARM Laboratory** (print Facility for Architecture, Research and Materials), **holds a joint appointment in the Department of Architecture**, in the College of Environmental Design, **and the Department of Art Practice and is both a Bakar and Hellman Fellow.** He often teaches graduate design thesis, undergraduate courses on Design & Activism, and has twice directed the one year post-professional Master of Architecture program, Studio One.

Rael earned his Master of Architecture degree at Columbia University in the City of New York, where he was the recipient of the William Kinne Memorial Fellowship. Previous academic and professional appointments include positions at the Southern California Institute for Architecture (SCI_arc), Clemson University, the University of Arizona, and the Office for Metropolitan Architecture in Rotterdam.

FMI:

<http://www.rael-sanfratello.com/>

<http://www.borderwallasarchitecture.com/>

Technically...

John Aldridge of LMN on the Origin of Words

My editor suggested “**flashing**” this month and where does that come from

anyway? Unfortunately the origin of the name for a “strip of metal used in roofing, etc.” is not clear. Some tried to tie it to a flash of light, but the original flashings were birch bark or lead, neither of which would have reflected sunlight. However, there are some other things related to sheet metal one might find interesting.

Sheet metal is made by taking a large cast ingot and rolling it into a long ribbon of the desired thickness. This long, flat piece of metal is then usually rolled into a coil for shipping to a fabricator.

ingot - a mass of metal cast in a convenient form for shaping, remelting, or refining. 1350–1400; Middle English: literally, (something) poured in, equivalent to in- in-1 + got(e) a stream, Old English *gota, akin to gēotan to flow; cognate with German giessen, Gothic giutan, Old Norse gjōta to pour

At low volumes, flat blanks from a punch or laser are bent using a **press brake** – a hydraulic press that squeezes two jaws together with dozens of tons of pressure. They can be fitted with a wide variety of tooling to produce different bends or “**brake shapes**”

fascia - any relatively broad, flat, horizontal surface, as the outer edge of a cornice, a stringcourse, etc. C16: from Latin: band: related to fascis bundle; see fasces

coping – a finishing or protective course or cap to an exterior masonry wall or the like. 1175–1225; Middle English < Medieval Latin *cāpa*, variant of *cappa* [cap](#)¹. Cap is a shortening of the Latin *cappa* for hooded cloak.

gutter – a channel at the eaves or on the roof of a building, for carrying off rain water. C13: from Anglo-French *goutiere*, from Old French *goute* a drop, from Latin *gutta*. And in case it reminds you of *gutta-percha*, fuhgeddaboudit, as that *gutta* comes from the Malay word for gum, meaning the tough rubberlike sap of various trees of the *sapodilla* family, especially *Palaquium gutta*.

parapet - any low protective wall or barrier at the edge of a balcony, roof, bridge, or the like. 1575–85; < Italian *parapetto*, equivalent to para- defense + *petto* chest, breast < Latin *pectus*. Another Friday word years ago noted that **caliper** is the diameter of a tree’s trunk measured *at breast height*.

Chapter Leaders

BOARD MEMBERS

President: **Melissa Falcetti**, Applied Building Information
President-Elect: **April Stokesberry**, Duradek Northwest
Vice President: **Mary Ann Shepherd**, Applied Building Information
Secretary: **Erika Anderson**, Anderson Specialties
Treasurer: **Justin Bise**, MG2
Director: **Robert Temple**, Hafele America Co.
Director: **Susan Williams**, PPG Paints
Director: **Rudy Jarvis**, Hilti North America
Director: **David Landrey**, MASCO/Masons Supply Company
Past President: **Kevin Vaughn**, The Euclid Chemical Corporation

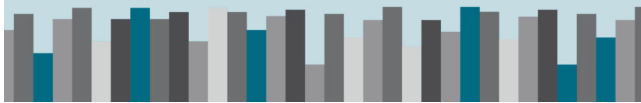
COMMITTEE LEADERS

Communications & Marketing Chair: **Lia Alia Wollard**, Applied Building Information
Education Chairs: **Mary Ann Shepherd** and **Melissa Falcetti**, Applied Building
Information
Membership Chair: **Susan Williams**, PPG Paints
ProSpec Chair: **Julie Taylor**, Integrus Architecture

Affiliate Events

Getting it Done *Redux*

The Art of Project Management



AIA Seattle's 2020 Project Management Series:

Find out more about this 4-class series in Project Management!

MARCH 4 | APRIL 1 | MAY 6 | JUNE 3

[Information Here!](#)

WEBINAR: Solution Speed Sessions Streamline your Specification Process with Revit Integration

WEDNESDAY, MARCH 11, 2020

2:00 PM EASTERN DAYLIGHT TIME

DURATION: 1 HOUR

[Click here for more information!](#)



MEANINGFUL MENTORSHIP

March 11, 2020 / 5:00 - 7:00 pm



AIA Seattle's Women in Design Present: Meaningful Mentorship

WEDNESDAY, MARCH 11

DOORS at 5:00 PM | PROGRAM at 5:30PM

AIA Seattle

1010 Western Ave
Seattle, WA 98104

[Information Here!](#)

Happy Hour with Young Architects Forum + WID:

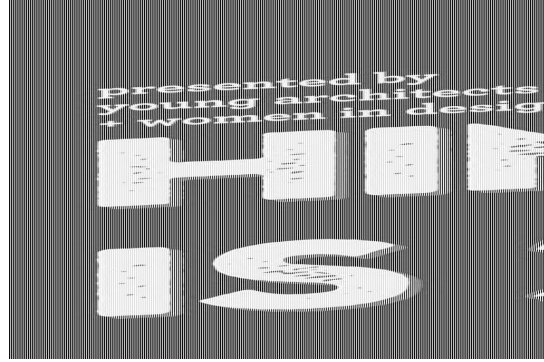
THURSDAY, MARCH 12

5:30 PM - 7:30 PM

SABArchitects

2 Nickerson Street, #200

[Information Here!](#)



WEBINAR: Thought Leadership
Making Sense of LOD Specification Information
in a Changing World

WEDNESDAY, MARCH 25, 2020

2:00 PM EASTERN DAYLIGHT TIME

DURATION: 1 HOUR

[Click here for more information!](#)

WEBINAR:
Design Guidelines, Guide Specifications,
and Project Specifications: What's the
difference?

WEDNESDAY, MARCH 18, 2020

11:00 AM - 12:00 PM PDT

DURATION: 1 HOUR



[Click here for more information!](#)



[Register Here!](#)

THURSDAY, MARCH 19, 2020

11:30AM - 1:00 PM

GGLO

1301 1st Ave #301, Seattle, WA 98101

**Updated Washington State
Residential Energy Code**

SPEAKER:

Michael Lubliner with Washington State Energy
Office

Michael will discuss updates to the Washington
State Residential Energy Code with a focus on
low-rise multi-family projects.

Click on the Registration Link for more information.

