



## SPECTRUM

Newsletter of the Puget Sound Chapter CSI

### President's Message

Beth Stroshane, CSI, CCS  
**Interact with Humans**



Thank you to everyone who joined us for the October seminar and chapter meeting. I walked away from both presentations in awe at the sheer size of big civil work. Just when I start to feel important talking about big buildings; I hear that Seattle moved a mountain of material off the Denny Triangle before The Great Depression. The only thing more astounding to me was that the land owners paid for it, not a municipality. I would love to be that good at sales. Then we got an update on civil specifications, the OSO recovery, and the 99 Tunnel project from an engineer who has worked on all three. Both of those presentations were on the program and were worth the time and price of admission. The thing I continually discover about CSI is that the real value is the interaction with humans that happens off the program.

- The short chat and exchange of cards with an envelope consultant that I have seen e-mails from on projects but have never met. I now understand the nuance of why a material recommendation was made. I can now just call him up on the next project and ask the real questions.
- The reconnection with a rep I met two years ago who has a line of products I need information on for two clients. I now know that the entire suite of products is called the same thing with simple changes in suffix making all the difference.
- Learning about a product that I thought only did one thing, and realizing that it does so much more. It might be a good fit on a couple of upcoming projects. I even have the contact information of the

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**Volume 54 Issue**  
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#### **EVENTS** **CALENDAR** **2014-2015**

#### **Chapter Program** **Topics**

[November 13, 2014](#)

Building Codes  
(Lunch)

[December 11, 2014](#)

Designs that Inspire

[January 8, 2015](#)

Cost Estimating

[February 12, 2015](#)

High Performance  
Building Systems

person who can explain the nuances to me so I make a good recommendation.

While president, I have taken the opportunity to chat with people about the value that CSI brings to them. I finally realized that joining CSI is a bit like joining a gym. There is a base value that each member receives for the cost of membership including access to the membership directory and member only content from institute and discounts on membership meetings and seminars. This is like the 10% discount at the smoothie bar at your gym.

The real value happens for the people who show up and put in a little work. Every hour I spend working with people in CSI I learn new things, I look at the industry in a different way, I become a better specifier, and I become a better business owner. I meet the people, who know people, who will hire me for my next job.

For less than the cost of a suit to interview in I have the opportunity to have dinner with the person who will interview me.

We hope to see you next month, interacting with humans, improving your network, and learning about Building Codes.



**SHERWIN-WILLIAMS. Brian D Keil CSI CCPR** | Northwest Specifications Consultant  
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## November 13th Programs

### Chapter Lunch Meeting: The International Building Code: Its Development and History

Social Time: 11:30-11:45am, Lunch & Program: 11:45am-1:15pm  
\$35 members /\$40 non-members /\$25 students (after Nov 10, prices will be an additional \$10)

Plan on attending our **lunch** Chapter meeting to learn about the evolution of the International Building Code from one of our city's most knowledgeable code experts, Tom Kinsman. Tom will describe the process that has been used for that evolution nationally and locally. He will also discuss variations that exist in the implementation of the code in different jurisdictions. Tom worked for the City of Seattle building department, now called the Department of Planning and Development, for 24 years. Since those years he has been an independent code consultant for many projects in Washington State

[March 12, 2015](#)

Facilities  
Management

[April 9, 2015](#)

Sustainability  
Requirements of  
Materials (lunch)

[May 21, 2015](#)

Changing Delivery  
Methods

[June 11, 2015](#)

Awards Reception

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and beyond. He is a licensed civil and structural engineer in Washington State. In addition to his work experience, he has been active for years in national, state, and local code development. This is a great chance to gain a better understanding of the building code and its influences on the buildings we design and build for our communities. Reserve your luncheon spot today and bring a guest to share the value of CSI.

### **Tech Talk 1: Code Requirement Contradictions and Conundrums: Why the Building Code Made Me Crazy**

1:20-2:20pm

\$10 members/\$20 non-members/\$0 students and unemployed  
1 AIA LU

Join crowd favorite Marc Chavez, FCSI, AIA, CCS, CCCA from ZGF Architects LLP as he identifies issues in IBC. He'll address issues with combustible construction in the 2012 IBC, explore requirements of Chapter 16 and ASCE 7 as they relate to architectural components, identify limitations of NRFC 100 regarding energy analysis of an exterior envelope, and describe how to design and specify for systems for which inspections are required by Chapter 17. Marc is known for making dry subject matter come alive, so this promises to be an informative and entertaining hour.

### **Tech Talk 2: Take the Air Barrier Test**

2:25 - 3:25pm

No cost; Sponsored by PROSOCO

1 AIA LU

How can envelope performance be dramatically improved? First find out what is being tested. At this session, we will use a test chamber to perform air and water leakage testing on common air barrier assemblies. This session broadens the standard discussion provided by most air barrier presentations to focus on details that perform and how to "bring up the weak points" by eliminating interfaces. Join the following members of the PROSOCO team in a demonstration:

Gene Bollinger (Western Regional Manager/PROSOCO)

Jacob Boyer (Building Envelope Group Product Manager/PROSOCO)

Pat Downey (Western US Technical Rep BEI/PROSOCO)

Dave Sommer (Architectural Rep for PROSOCO)

**[REGISTER NOW!](#)**

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**Membership**  
to be announced

**ProSpec**  
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CCS](#)

**Spectrum** is published monthly as a benefit for members of the Puget Sound Chapter CSI.

Articles must be submitted by the 15th of the month for the next month's edition. Email submissions to [office@pscsci.org](mailto:office@pscsci.org).

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Join CSI



## Affiliate Events



**Seattle 11/11/14**

Facades+AM, a morning seminar.

3 sessions, 9 voices, 19 minutes each.

Seattle 11/11/14 • Hyatt Olive 8

Join **Facades+AM** and nine building skin experts for an intensive morning forum on all things facades. These thought leaders will share their cutting-edge practices and research in the rapidly evolving technology of high-performance facades. The Facades+ conference series is a robust dialogue encompassing all aspects of building skin—bridging the profession, industry, academia, operations, and ownership. We've distilled the best of the Facades+ two day event into a quick-take morning event with a strong local focus—

**Facades+AM**—this time tailor-made for Seattle. 4 AIA CES credits. Register at <http://am.facadesplus.com/>.

## Quick Pitches



There are openings for 10 minute Quick Pitches at the December 11<sup>th</sup> meeting for \$100.00. There are also openings in February, March, April and May 2015 at a cost of \$185.00. Contact Dick Owen to sign up.

Check out our new website!  
[www.skolerbr.com](http://www.skolerbr.com)



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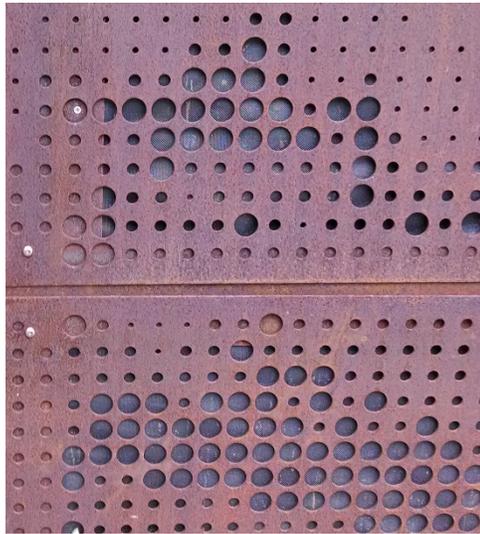
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## Local Architect Sued for Leaky Rain Screen Cladding Design

Chris Dixon, CSI, CCS



The headline of this article is not at all surprising. What is surprising is that we don't see this headline over and over again. Architects have embraced an idea literally so full of holes that it boggles the mind more have not been sued out of existence for doing so. Many architects (and even product manufacturers!) espouse that it's perfectly OK to poke holes in the cladding as long as the sacred words "Rain Screen" are used at some point to describe it, evidently sort of like christening a ship to protect it and its crew from harm just before it sails off to battle. Because calling a sieve a "Rain Screen" is about as effective.

"Rain Screen" means different things to different people. To the architect it means "super cool" – as in "this sieve-as-cladding thing is all the rage and I will be in with the cool kids if I put it all over the building." To some product manufacturers the term is synonymous with "sales" – as in "This product is designed to be used behind open-joint, rain screen cladding so you can hang with the cool kids (but the warranty doesn't cover leaks)." To the building envelope consultant, the term means "job security" – as in "you can pay me now to design this correctly, or you can pay me later when it leaks and needs to be replaced." [<<Read more>>](#)

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## STANLEY Security

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## October Programs Recap

by Kelly Laleman, CSI, CCS

### Seminar:

David B. Williams gave a presentation about how Seattle's land has been shaped - both by nature and by man. He began with how the glaciers shaped the original land form, and then described a series of land removal and fill by humans. A comparison was made of how we used to shape the topography to benefit us, but now we understand how nature can work against us, and are dealing with possibilities of earthquakes and rising sea level.

### Dinner Meeting:

Chris Brown presented two large civil projects in the region that he has been involved with. The first was the rebuilding of SR 530 after the Oso landslide. The nearby river re-routed itself after the slide, and is expected to continue modifying its path. Thus, the road was raised 15 – 20 feet to get it out of the new floodplain. Portions of the road also float over quarry spalls, which allow water to pass under the roadway. The new road opened six months to the day after the landslide. The second project presented was the SR 99 tunnel project, focusing primarily on the work being done to repair Bertha. A shaft is being dug to access Bertha and requires a good deal of dewatering, because two aquifers pass through the site. Pilings are also being installed in order to create a stable box around Bertha. A gantry crane will then be erected atop the box, which will pull the machine's head out for repairs. Digging is expected to resume in March of 2015.





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## About CSI

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

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

CSI is governed by a Board of Directors, a nationally elected body that provides long-range strategic leadership. The Board is composed of nationally elected CSI officers, including the

president, president-elect, two vice presidents, the secretary, and the treasurer; elected representatives (directors) from each of CSI's 10 regions; and a director at large. CSI's executive director/CEO is a corporate officer.

For more information about or to join CSI, visit [www.csinet.org/joincsi](http://www.csinet.org/joincsi), or call 800-689-2900.