



## SPECTRUM

Newsletter of the Puget Sound Chapter CSI

### President's Message

*Bill Littler, CSI*

Webster defines icon/iconic as - "widely known and acknowledged especially for distinctive excellence."

What is the spark of genius that propels the creative process? Does the architect set out to build a masterpiece, an "icon" of architecture, or is it that they are compelled by an inner need to create? Whatever it is, as admirers of exemplary design we are the ones who decide what is "iconic" and what isn't.



Iconic architecture can be found all around the world. Paris - the Eiffel Tower, London - the Palace of Westminster & Big Ben, Rome - the Coliseum, Barcelona - Sagrada Familia, New York - the Chrysler Building, Chicago - the Wrigley Building, Los Angeles - the Theme Building at LAX, and the list goes on. World-renowned architects have designed these buildings. All are inspired by the settings, materials, form, function, etc. - the list is endless.

What about Seattle architecture? Don't we have our own iconic structures?

We all know the quintessential Icon of Seattle - the Space Needle. The Space Needle was the brainchild of John Graham (of John Graham & Associates which eventually became DLR - a Seattle firm). Not much more needs to be said - we all know the history and the impact that building will forever have on Seattle and our skyline.

**October 2016  
Volume 56  
Issue 4**

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#### **EVENTS CALENDAR**

**2016-2017**

**Chapter Program  
Topics**

**October 13, 2016**

*Update on Solar Power  
Generation*

**October 20, 2016**

*Innovative Materials &  
Processes PechaKucha*



John Graham & Associates - DLR

However the Space Needle isn't the only iconic structure in Seattle - ones designed by hometown creativity. What about Rainier Square? That gravity defying building designed by Minoru Yamasaki (a University of Washington graduate).

**November 17, 2016**  
*Joint Meeting - SeaBEC,  
 Building Envelope,  
 Seattle Building Code  
 Changes*

**December 8, 2016**  
*Silent Auction Holiday  
 Party*

**January 12, 2017**  
*Insurance and Liability*

**February 9, 2017**  
*Sound Environmental  
 Product Selections*

**March 9, 2017**  
*Specifications: How to  
 Write and Review Them*

**April 13, 2017**  
*Port of Seattle SeaTac  
 International Projects*

**May 11, 2017**  
*Understanding  
 Acoustical Design*

**May 18, 2017**  
*NW Region/West Region  
 Conference*

**June 8, 2017**  
*Awards Program*

## **BOARD OF DIRECTORS**

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***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).



Minoru Yamasaki - Yamasaki & Associates (UW Graduate)

Seattle's "Twin Towers" of the Westin Hotel.

Visit [www.psccsi.org](http://www.psccsi.org) to subscribe or to view current and back issues.

### LINKS

[Northwest Region CSI](#)

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### Join CSI







John Graham & Company - DLR

What of the Northgate Mall, one of the first post-war, suburban mall-type shopping centers in the United States?



Northgate - Nations First Suburban Mall - April 1950  
John Graham & Company - DLR

There is the Rainier Club - "Seattle's preeminent private club." Its clubhouse building, completed in 1904, is listed on the [National Register of Historic Places](#) and was the work of Spokane architectural firm - Cutter & Malmgren.



Cutter & Malmgren (Spokane)

Though this structure may not be so familiar - here is the original Seattle Public Library building.



Its eventual replacement however falls into the "iconic" building classification as well.



Rem Koolhaas of OMA collaborating with ZGF.

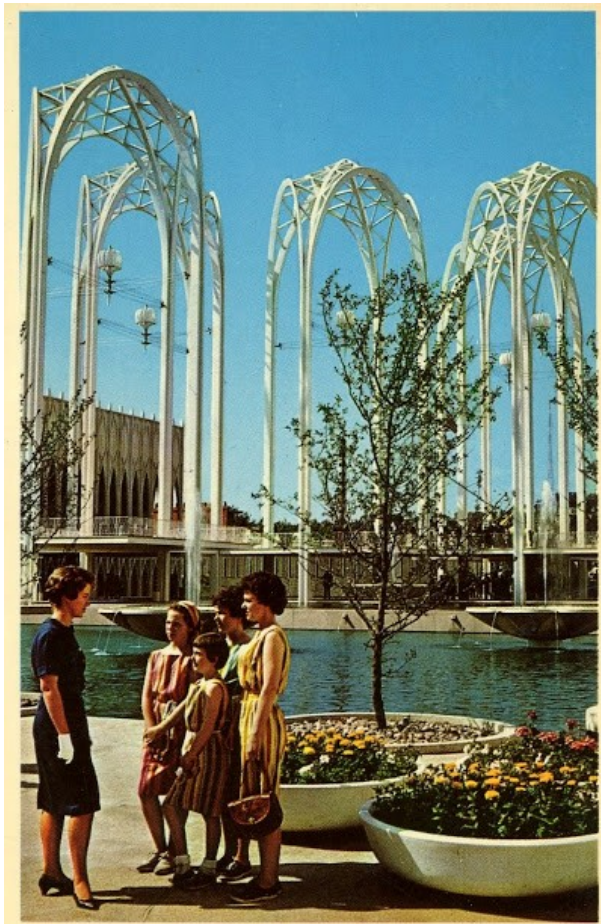
The Pacific Tower (formerly the Pacific Medical Center), an Art Deco tour de force overlooking Seattle from Beacon Hill.



Bebb & Gould (1933) - ZGF (1991)

The Pacific Science Center with the five arches resembling the vaults of cathedrals, Yamasaki's design was seen as a temple to science and technology, which marries up beautifully with its towering neighbor, the Space Needle.





*Pacific Science Center*





(Both of these photos were too wonderful to exclude one or the other)

Minoru Yamasaki - Yamasaki & Associates (UW Graduate)

This building is near and dear to my heart and those who grew up in Seattle. Many have memories of photos with Santa Claus and lunches in the Tea Room. Sadly, Frederick & Nelson closed their doors in 1992. Who would have guessed that the company just kitty corner from them would remodel the building making it their own flagship store and headquarters - Nordstrom.



Remodel by Callison RKTLL

The Museum of History and Industry went from the sleepy Montlake neighborhood to the bustling South Lake Union area. With the creative reuse of the historic historic Naval Reserve Armory we now have the largest private heritage organization in the State of Washington



LMN Architects

Seattle may currently be known for Microsoft and Amazon, but the company that actually put the Puget Sound region on the map is Boeing. Boeing's investment in aeronautic advancement is celebrated by the Museum of Flight.



Ibsen Nelsen & Associates  
NBBJ  
SRG

I would be remiss at not mentioning the Bi-Centennial Baby of Seattle - The Kingdome (completed in 1976). And although the building itself was a Seattle icon and many a football game/baseball game/concert was experienced there . . .



The biggest question on March 26, 2000 was where you will be sitting when the "fireworks" go off and the Kingdome implodes.







Brought to you by Naramore, Skilling & Praeger (better known today as NBBJ)

Architecture stirs us as little else can. Though we may not all agree on what is beautiful or innovative or even adequate - we can agree that beauty is in the eye of the beholder. It is that inner motivation, that stirring of our emotions that is the impetus to stretch the limits and create icons. Icons like these of our amazing city!

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## Chapter Meeting Quick Pitches





There are presently openings in February, March, April and May for 10-minute Quick Pitches for our Chapter meetings. The cost is \$150. Any member or non-member can present. If interested, contact Dick Owen for questions or to reserve your date. This is a great opportunity to introduce our Chapter members to you, your products, or services.

## STANLEY Security

Jenny Senner CSI, CDT  
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  - 08 42 33 Revolving Door Entrances
  - 08 42 43 ICU/CCU Entrances
  - 08 71 00 Door Hardware
  - 08 74 00 Access Control Hardware
  - 28 13 00 Access Control
  - 28 16 00 Intrusion Detection

## October Chapter Programs

### October 13<sup>th</sup> Chapter Dinner Meeting: Update in Solar Power Generation

Location: Mirabella Seattle, 116 Fairview Ave N, Seattle

Time: Social Hour: 5:00-6:00 pm, Dinner: 6:00-6:30 pm, Program: 6:30-8:00

Cost: \$40 members/\$45 non-members/\$25 students/\$0 sponsored students (after 10/10/16, prices will be an additional \$10)

Our October dinner meeting program will be presented by Keith Hughes, Owner of West Seattle Natural Energy, a specialty contractor involved in the design and installation of solar PV panels and small wind turbine systems. Keith is a member of American Solar Energy Society, American Wind Energy Association, Northwest Eco-Building Guild, Solar Washington and Northwest Solar Group. He serves on the Lake Washington Technical College Advisory Committee for Emerging Technologies and on State of Washington legislative advisory committees. Keith will present technology improvements to solar generation products including battery technology improvements and other technologies that are now available. He will also report on the State of Washington Legislature actions that control the solar and wind power generation industry within the state. This meeting would be a good opportunity for you to bring a guest from your office so that they can experience the benefits of CSI membership and learn more about solar power generation. As always we welcome your questions for Keith who is excited about speaking to our group.

### **Register Now!**

#### **October 20<sup>th</sup> Tech Talk: Innovative Materials + Processes Pechakucha**

Location: 925 Fourth Avenue, 4th Floor Lobby Hines Conference Room

Date and Time: Thursday, October 20th from Noon-1pm

Cost: \$5/person

PechaKucha is a fast-paced presentation style where each presenter shows 20 slides at only 20 seconds per slide.

The PechaKucha Tech Talk theme is "Innovative Materials + Processes" and will feature (in no particular order):

1. "HPDs" by Beth Stroshane of Applied Building Information, LLC
2. "DensElement: Sheathing with Integral WRB-AB" by Mike Fletcher of D-SEVEN and Jeff Hermann of Georgia Pacific
3. "STANLEY Shelter: Responsive Lockdown Solutions" by Jenny Senner of STANLEY Commercial Hardware
4. "Virtual Reality in Architecture" by Simon Manning of ZGF Architects
5. "Pacmat" by Nora Vivarelli of Pacific Mat
6. "How Technology Affects the Building Product Industry" by Alex Muller of the International Living Futures Institute

Lunch includes pizza, drinks and dessert!

Our location is being provided by ZGF Architects, LLP and Hines Building Management; drinks and dessert are sponsored by Pella

Commercial Windows and Doors; and pizza is sponsored by STANLEY Commercial Hardware.

**Register Now!**

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The Puget Sound Chapter CSI has a separate organization, the Puget Sound CSI Memorial Foundation, established in 2007, whose purpose is to provide scholarships, fellowships, and grants to promote educational programs serving the interest of the Puget Sound Chapter of the Construction Specifications Institute, the construction industry, and related endeavors, which support the objectives of CSI. The Foundation is administered by a volunteer board composed of willing past presidents of the Puget Sound Chapter. Brad Williamson is the current president of the Foundation Board. Any individual or organization can contribute tax deductible donations to the Foundation by sending a check made out to the Puget Sound CSI Memorial Foundation and mailing to the Puget Sound Chapter office:

2150 N. 107th St., Suite 205, Seattle, WA 98133-9009, Phone: (206) 382-3393 (The Foundation is a 501(c)(3) organization). Donations in the past have been used for scholarship awards 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 Foundations objectives.

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206.547.4444 o  
206.214.5330 c

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503.432.8458 o  
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## Materials Matter Series





Location: Seattle City Hall - Bertha Knight Landes Room. 600 4<sup>th</sup>Avenue. Seattle, WA 98104

Dates:

**October 14: Healthy Planet: Materials + the Environment**

**November 4: Healthy People: Materials Science + Human Health**

**December 2: Tools of the Trade: Assessment + Implementation**

**January 13: Just Do It: Strategies for Projects**

**February 3: Beyond Transparency: Materials Disclosure + Practice**

Times: 8:00am-12:45 pm

CEs/HSWs: 20 available.

Registration: [Click here to register](#); Share your CSI partner affiliation for approximately a 50% discount. Early Bird Registration closes October 7<sup>th</sup>; prices increase by 15% after the early bird closes. Final registration date is October 11<sup>th</sup> at 5:00pm PST. Note: Registration for Materials Matter is for the complete 5-session series.

**Get up to speed on healthy, sustainable materials!**

Join us for Materials Matter, a [five-session series](#) delivering comprehensive, high-level knowledge and strategies for assessing and selecting healthy, sustainable materials. Sessions will delve into the impact of materials on the environment and human health; the tools and data useful for assessing and prioritizing materials; and the strategies for integrating informed decision-making into projects and practice. Speakers will reveal the perspectives of project team members and other partners connected with materials and share the learnings and approaches of successful projects.

This series offers guidance on navigating the complex landscape of disclosures and transparency in order to assess and reduce the environmental and health impacts of products. Sessions will include presentations, panels, case studies, and activities. Participants will walk away from each session with action items for integrating the curriculum into their work.

Materials Matter is co-presented by AIA Seattle and the Puget Sound Chapter CSI.

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## Save the Date - March 14<sup>th</sup>, 2017!



Looking forward to hosting a table at ProSpec this year? If you are a product representative, it is time to register for ProSpec. Registration begins October 1st on the website. The ProSpec Committee hopes to sell all exhibitor tables before we have to raise prices on January 1, 2017. Register by December 31st to receive a standard exhibit table for \$1,300; Premium table for \$1,900 or Sponsorship package for \$2,600. CSI members will receive a \$100 discount. Starting January 1, prices will go up \$200 per level.

Looking forward to attending ProSpec this year? If you are an architect, designer, consultant, or contractor, please encourage your favorite product representative to become a ProSpec sponsor.

The keynote speaker has received some of the world's highest design honors. Please plan to attend.

Contact the ProSpec Committee Chair, [Julie Taylor](#), for more information.

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## September Chapter Dinner Meeting Recap

*By Bob Mandy, CSI, AIA*



A contractor's and subcontractor's perspective were given on how to specify and address floor leveling for several different concrete slab construction types. Puget Sound Chapter's very own Dick Owen first shared his more than forty years of industry expertise as a contractor and discussed different types of floors including slab on grade, steel framed with metal deck and concrete fill, and elevated cast-in-place concrete that is conventionally reinforced or post-tensioned. He covered construction techniques, typical challenges and possible strategies to deal with leveling issues. Dick stated that leveling will more than likely need to be done in every project and recommended specifying it in Division 03. Patrick Rooney with "Division 9 Contract Flooring" offered his extensive knowledge and expertise from the subcontractor's viewpoint. Patrick covered challenges that subcontractors face from bidding and how to incorporate a cost for leveling and still stay competitive. Some options Patrick discussed were bull floating, deleting curing compounds for better bonding, or utilizing floating floorcovering systems. He stated that floor leveling is often an unknown commodity, difficult to quantify, and that the owner doesn't usually want to absorb the cost which occurs on in every project. The audience was very engaged throughout the interactive presentation. In conclusion it was agreed that the project team -- engineers, design team and contractors -- need to talk about it up front as to how best to handle floor leveling to achieve the best cost effective end result.

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## How Did We Get Here? The Transition to Maintenance Activities

*By Sheldon Wolfe, RA, FCSI, CCS, CCA, CSC*

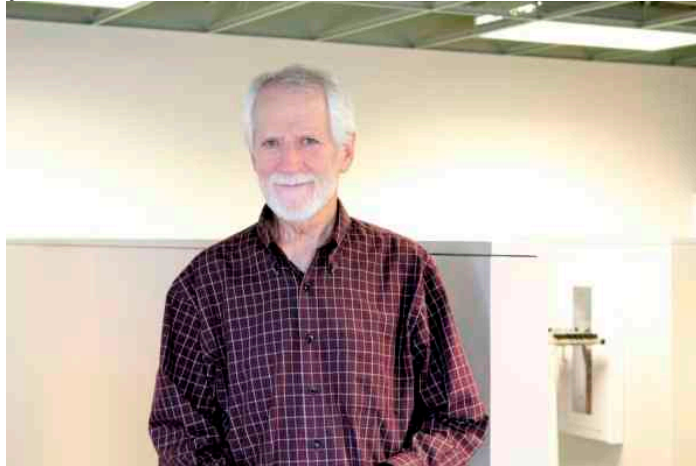
So far in this series, we first looked at the good old days, when CSI membership rose continually, sometimes at an amazing rate. During

the growth period, we saw that membership in CSI offered tangible benefits. CSI was an organization that helped those involved in construction to understand how construction documents are related, how to prepare them, and how to interpret them. Much of that information was developed by CSI members, so there were countless opportunities for members to take an active part in the future of specifications. Face meetings were important because the only other options for communication were written letters, which made real-time discussion impossible, and telephone calls, which were quite expensive. [Read More](#)

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## In Remembrance of David Maughan

*By Kelly Laleman, CCS*



It is with sadness that we announce that our friend and fellow CSI member David Maughan passed away on September 2nd, 2016. His 76th birthday would have been the following day. David joined the Puget Sound Chapter of CSI in 2002. He was an active member and served as Board Director from 2006-2008, Liaison Committee Chair from 2004-2007 and 2008-2010, and Nominations Committee Chair from 2014-2015.

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## Affiliate Events

### 2017 Northwest Region and West Region Conference

**When:** May 18-21, 2017

**Where:** Seattle, WA

[Learn more!](#)





## 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.
- Continuous 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.

Puget Sound Chapter CSI | 2150 N 107th St. Suite 205, Seattle, WA 98133 | 206-382-3393 | [office@pscsci.org](mailto:office@pscsci.org)

Puget Sound Chapter CSI Office: 5727 Baker Way NW, Suite 200, Gig Harbor WA 98332

Phone: 253-265-3042 Email: [office@pscsci.org](mailto:office@pscsci.org)

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