



Building Knowledge
Improving Project Delivery

San Francisco Chapter

VOL. LII NO. 6 | JUNE 2016 | NEWSLETTER OF THE SAN FRANCISCO CHAPTER | CONSTRUCTION SPECIFICATIONS INSTITUTE

Specifics



CHAPTER AWARDS BANQUET

WEDNESDAY, JUNE 8

6:00 PM

Sens Restaurant
4 Embarcadero Center - Promenade Level
San Francisco

3-Course Dinner

INSTALLATION OF OFFICERS AND BOARD OF DIRECTORS AND PRESENTATION OF AWARDS TO OUTSTANDING CHAPTER MEMBERS

It's not a party without YOU! Join us for an evening of delicious Mediterranean delights with raves and kudos for SF CSI.

The evening begins with an assortment of appetizers and libations at 6:00p, followed by a three-course dinner and hosted wines at 7:00p. There will be toasts and recognition of a fabulous year for the chapter about 8:00p.

Choose from the flat-iron steak, polenta with burrata, or the fish of the day. Make your reservations to join the celebration!

SEE PAGE 2 FOR JULY PROGRAM ANNOUNCEMENT

RSVP: Please make your reservations no later than Tuesday, June 7, 2016.
Go to <http://conta.cc/1WvHkXC>

Cost is \$85 per person.
RESERVATIONS REQUIRE PRE-PAYMENT.

Place: Sens Restaurant
4 Embarcadero Center - Promenade Level
San Francisco

Time: 6:00 PM Social Hour with Appetizers
7:00 PM 3-Course Dinner
8:00 PM Chapter Awards

Embarcadero Center is near the Ferry Building and San Francisco's waterfront, easily accessible by BART and Muni. Parking is available in the Embarcadero Center Garage.



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SFO'S NEW CONTROL TOWER

A JOINT DBIA / CSI EVENT

WEDNESDAY, JULY 13

6:00 – 8:30 PM

San Francisco International Airport

Terminal 2, Partnering Conference Room

Departures Level, near Starbucks

You're invited to get a unique, inside look at an award-winning project recently completed at SFO.

You'll see how performance-based specifications and criteria were used to enhance innovation and creativity, through design-build, to deliver state-of-the-art facilities.

SFO delivered its new tower within budget, while being able to modify the criteria from a code-based prescriptive design to a full performance-based design.

The Tower has just been recognized by the American Council of Engineering Companies with the Grand Conceptor Award as the national engineering project of the year.

That's what SFCSI programs are all about --- Professional development for design and construction professionals.©

RSVP: Please make your reservations no later than Tuesday, July 12, 2016.
Go to <https://events.r20.constantcontact.com>

**Event fee is \$50 for members of the San Francisco Chapter.
RESERVATIONS REQUIRE PRE-PAYMENT.**

Place: San Francisco International Airport
Terminal 2, Partnering Conference Room
Departures Level, near Starbucks

Time: 6:00 PM Networking Reception
7:00 PM Presentation Program
8:30 PM Concludes



President John Sellen

PRESIDENT'S MESSAGE JUNE 2016

Freshly returned from the Region Conference in Lake Tahoe, it is my pleasure and honor to compose one last message to my friends and colleagues in SF CSI. June marks the official end of my two year presidency. As you can imagine, it has been a mixed experience. We've had some success, and some challenges.

First, I'd like to thank everyone who has served on the Board with me these past two years. Your input and help have been invaluable. There are a few people who merit special thanks: Merideth Marschak, your incoming President, has been a solid supporter, my personal sounding board, and reliable back-up when needed. Vivian Volz, without whose diligence to keep our electronic communications systems up and running we would have been dead in the water on so many occasions. Peg Collins, whose enthusiasm and joy for living inspired me to be a better President and to persevere when it was hardest to do.

On July 1, your new Board of Directors takes over, with Merideth at the helm. I will continue participating as Past-President and will gladly serve as West Region Director from our Chapter. We welcome one new member to our Board, Sally Anderson, Director. There are a couple of vacancies on the Board; we are one Vice President and one Director short of the contingent called for in our By-Laws. If you are interested in serving on the Board, we need you! Please contact Merideth or me.

Our Chapter's most successful change during the past two (actually three) years was the transformation of Pro-Fair from a sleepy product show to a vibrant, "don't miss" networking and dinner event. We've grown Pro-Fair and turned a nice profit for the Chapter. We may not have reached our ultimate sweet spot for repeating the program year after year, but we're getting closer.

Our decision to change venues for our monthly membership gatherings has been met with mixed results. Hosting an event in San Francisco that will make everyone happy is a big task. While the Marriott is a first class venue in an excellent location, it's challenging to make it economically feasible month after month. Look for further changes to our monthly meetings before next year.

MARK YOUR CALENDAR!

July 13	Monthly Meeting: SFO Control Tower
July 16	Bandini Golf Tournament
August 10	No Meeting this month!
September 14	Monthly Meeting
October 12	Monthly Meeting
November 9	Monthly Meeting
December, date TBA	Holiday Party

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MAY 11 MEETING



Speaker Tim Boot of Meyer Sound

PUBLISHED BY THE PUBLICATIONS COMMITTEE

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Tim Maliepaard

EDITORIAL POLICY

1. To inform members of the Chapter and Institute goals and activities directed toward these goals;
2. To inform members of the Chapter and Regional activities, Board actions; and
3. To provide a forum for all members.

Continued from previous page

This month we will honor distinguished members at our Annual Awards Banquet and installation of Officers for FY 2017. Our July program will be a special on-site meeting about the new control tower at SFO. We plan to take a break in August and will have no general membership event. Our next regular membership meeting will be in September.

Thank you for your support over the past two years. I look forward to seeing you at an upcoming CSI event...and bring a friend.

John Sellen
President of San Francisco CSI



Michael Morris, Merideth Marschak, Tim Boot

**The San Francisco *Specifics*
is your award winning
Chapter newsletter!**



A view to the south from the 30th Floor



Edwin Essary checks in



*New Member Earl Carter shows
acoustic materials*

**Santa Clara Chapter CSI Presents
Education Seminar:
Waterproofing Disasters
Next Friday, June 3**

Please join us on Friday, June 3 for a half-day seminar on waterproofing disasters. A team of four experts will present case studies on waterproofing failures, their causes and results.

As California moves forward with increasing building envelope performance, and as new construction methodology and wall systems become part of our practice, attention to waterproofing strategy and detailing become critical. Each industry expert will provide examples illustrating failures and fixes with a variety of materials.

More information at:

<http://santaclaravalley.csinet.org/Functional-Menu-Category/Upcoming-Events/June-2016-Education-Seminar.pdf>

Sign up at:

<http://csiscvWaterproofing2016.brownpapertickets.com>

Or contact maia@mba-architects.net



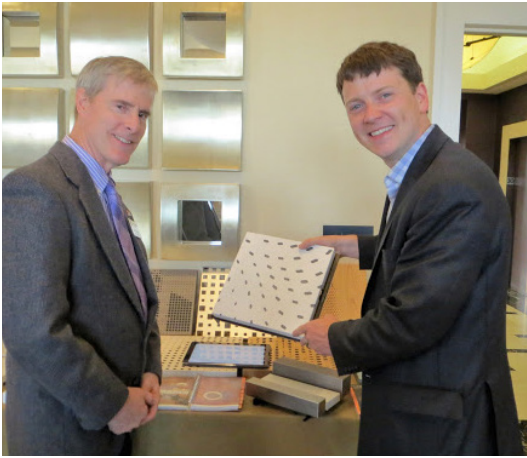
Social time before the presentation



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David Rausch admires Earl Carter's tabletop display



Edwin Essary, John Sellen, Vivian Volz



Paulette Salisbury and Vivian Volz

THE DATA-DRIVEN PRACTICE A REPORT FROM WEST REGION CONFERENCE

By Merideth Marschak

The West Region Conference included a number of presentations that dealt with the link between the digital model and the project manual. In an early session, “UniFormat & MasterFormat”, Chris Pechachek of McCarthy Builders provided a database tool to identify and assign responsibility for the definition of materials and components within an organized template developed for large, collaborative projects. Design and engineering disciplines - including specifiers - find the scope of their portion of the work within an extensive database that is developed by the team over the course of the project. Chris suggested that UniFormat, which organizes the project by system, is a useful framework that works well for design/build delivery because it parallels the division of labor among subcontractors. UniFormat includes fundamental subjects and tasks that are not part of the shielding and site, making it a good early tool to identify essential activities that entail time and cost.

As detailed information is added over the life of the project, Chris proposed expanding the numeric identifier by adding the 6-digit Masterformat number for more specific information. Questions and comments from the session attendees: Can such a data-driven system work efficiently for smaller projects? In a design/bid/build delivery system, who would assume responsibility for the database, and would the benefits outweigh the cost to manage it? The conversation brought the diversity of our practices into relief. Will automation and direct data links between the digital model and the project manual improve accuracy, or create the opportunity for inadvertent error on a new and disconcerting scale?

Beth Stroshane’s presentation, “Linking Specifications to Models,” was an excellent complement to Chris’. With humor and pragmatism, Beth discussed several software platforms that provide a range of levels of integration. Because design teams include individuals with a range of documentation skills, temperaments, languages, and numeric abilities, the more sophisticated platforms may require an unrealistic level of discipline. Since many specifiers

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BI-REGION CONFERENCE



BiRegion Conference Keynote Speaker Roger Crawford with Marni Vincent and Laura McCaulay Conference Chairwomen



Shake table at UNR Seismic lab tour



Marni Vincent with new CSI Exec. Dir. Mark Dorsey

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are consultants - rather than in-house team members - tools that are more intuitive and accessible to the design team can provide greater flexibility and transparency. Within the digital model, components can be linked to the relevant specification. Alpha-numeric designations, applied consistently in both the drawings and the project manual, offer a way to simplify drawing annotation and identify the location of detailed information in the specification.

As always, the level of engagement was high for both presentations - despite, or because of - their technical content. As a group, CSI includes many perspectives; and our willingness to question, debate, and offer intelligent alternatives is always an inspiration and a challenge. I hope many of you will be able to attend our joint meeting in July with Santa Clara Valley and the Design/Build Institute of America (DBIA). The focus will be on a collaborative process for project delivery, highlighting the new control tower at SFO. These two presentations are highly relevant, and the July meeting will provide a real-world application of some of these techniques.



San Francisco Chapter members at Bi-Region Conference



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Don Clark of Sacramento Chapter, Greg Mowat of San Diego and six other chapters, Douglas Day and Lois Day



Jerry Pozo and Scott Tyson

REPORT ON WxNW CSI BI-REGION CONFERENCE HYATT REGENCY RESORT SPA – May 18-22 INCLINE, NORTH SHORE, LAKE TAHOE by Wally Holmen, RA, CSI, CDT

The almost 200 attendees were motivated by the keynote address by Roger Crawford, who was himself a subject of the Conference Theme, “CHOICES.” Roger himself had to make choices, being short of hands and feet from his birth. With positive thinking, he overcame these “defects” and turned challenges to assets. Playing high school football, he made a touchdown when an opposing tackler was left holding his prosthetic lower leg. Roger also plays tennis, but gave up on prosthetic hands when he found 10 fingers to be unnecessary. He finds one or two sufficient, even an advantage over his opponents first impression.

Problems and invisible challenges will always find us and defeat will always be optional. The better choice will consistently yield a better result. A bicycle racer will always look to the uphills and not the downhills, because the uphill portion of the race is when the lead changes.

Roger posed three important questions:

Where are you coming from?

Where are you now and how long have you been here?

Where are you going?

The first question is the most important, because we learn from the past. Wisdom is gained through reflection on the past. This will also assist with a sense of purpose for the future. The present is only temporary. Change is constant; always strive for the exceptional, not the acceptable. Deliver a little extra, even though the “impossible” takes a little longer than the “possible.” Consistency is more important than perfection. Significance is the root of success.

On a “lighter” note, also on Friday, we were blessed with snow flurries (unless you were caught in the storm driving up the mountains on Hwy 80) but it was beautiful from the hotel windows. I was able to

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Kevin Norman, Katia Griggs and Paul Glenn at Conference Reception



Bi-Region Conference Reception and Product Display



Linda Stansen and husband Tom Harry

Continued from previous page

throw a snowball on the drive back home on Sunday, reminiscent of my childhood in Wisconsin ...see question one above.

Also entertaining was the Chapter Challenge on Saturday. This annual contest featured an athletic "Pine Cone Toss" among seven Chapters (one from Portland) and a more cerebral "poetry slam," courtesy of the Master of Challenges, Duane Johnson. The contest was won by "San FranDiego," a joint venture from San Francisco and San Diego Chapters. East Bay-Oakland tied for Third Place, but Sacramento finished last!

Of course, there were stimulating seminars (4 tracks) and many opportunities for education and training of Chapter Officers and Committee Chairs, and Region Awards at our West Region Meeting (not at the dinner)...all to be detailed in further reports.



Tim Maliepaard at the Oldcastle table



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Donner Museum



A wooden odometer for a wagon, in the Donner Museum



Chapter Challenge Winners, Team San Fran-Diego: John Sellen, Racquel McGee, Tim Maliepaard, Mike Murphy

RECAP FROM THE WEST BY NORTHWEST ANNUAL REGION CONFERENCE AT LAKE TAHOE

The SF Chapter was well represented at the West by Northwest Bi-Region Conference in Lake Tahoe/Incline Village, NV on May 18-21. As many as 20 of our members were sighted at the product show, in educational sessions, or at the tours. Rumor has it they held their own at the nightly hospitality suite also!

The team from San FranDiego (SF and SD Chapters) won the Chapter Challenge by mastering the pine cone relay and with their creative poetry. Tim Maliepaard, Mike Murphy and John Sellen from SF and Racquel McGee from the San Diego Chapter brought home the victory cup!

The keynote address by Roger Crawford, "How to Expect and Accept Change" was absolutely awe inspiring. Mr. Crawford, an inspirational speaker and author, is a champion tennis player and member of the International Tennis Hall of Fame despite physical challenges to both feet and both hands. Sports Illustrated called him "one of the most accomplished physically challenged athletes

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View of Lake Tahoe



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APRIL 13 MEETING



Jay Guilmart, Bill Nelson and Anne Whitacre



Julie Barrett and Paulette Salisbury



Scott Tyson and Michael Morris

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in the world.” He shared with us how he overcame his physical limitations to achieve great success by embracing the credo, “Challenges are inevitable, Defeat is optional.”

The guest speaker on Friday evening was Greg Papya of Lake | Flato Architects, San Antonio, TX. Mr. Papya’s presentation, “The Intersection of Design and Performance: The Tesla Motors Lesson” demonstrated how Tesla Motors has created a revolutionary new automobile by NOT following the accepted formula for building cars, and challenges us to do the same with our architecture. Made me want to go out and buy a Tesla right away!

The conference also included a tour of three different and unique new buildings at the University of Nevada Reno and a tour of the Thunderbird Lodge and Estate. The UNR Earthquake Engineering Simulation Lab is a remarkable facility, engaged in some very interesting and important testing of structures during earthquakes. Imagine a 200 foot long, curved section of highway, loaded with 10 heavy duty pick-up trucks, being subjected to the equivalent of an 8.0 earthquake! Very cool! And the Penning Student Achievement Center by H+K Architects of Reno, NV, and the Living Learning Community dormitory by Collaborative Design Studio, also of Reno, demonstrate unique architectural solutions for university buildings.

A tour of the Thunderbird Lodge gave us a glimpse at one of the last and best examples of a great residential estate on Lake Tahoe from the period in which prominent San Francisco society built homes on the lake. Officially designated as a National Historic Site, Thunderbird was the creation of eccentric millionaire George Whittell, Jr. and includes the Lodge, Card House, Caretaker’s Cottage, boathouse, and an elephant barn. There’s also a tunnel that runs right up to the lake, connecting the main buildings. The tunnel even provided Whittell a quick and stealthy escape from the Card House. The estate, built into the rocky coastline of the eastern shore of the lake, provides an amazing example of architecture in harmony with its surroundings. The Thunderbird, which is only open for special events and private tours, is operated by the Thunderbird Lodge Preservation Society.

The Region Conference for the next two years will once again be bi-Region events with Northwest Region. Next year we will be in Seattle; and in 2018 we’re going to Alaska!! Keep your eyes peeled for more information on these events in the months to come.

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Social time before the speech



The welcome table, out in the hall



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Michael Morris, Edwin Essary, Jeffery Glick

PLEASE – SAY “THANK YOU!”

By Sheldon Wolfe
Minneapolis - St. Paul Chapter

Among the first things parents drum into their children’s heads are the words please and thank you. Parents do such a good job that these words become automatic, and, to a great extent, they become white noise. If they are used automatically, without conscious thought, what good are they? Do they mean anything? Why do we insist children use them, even if they don’t mean what they say?

Human interactions are more complex than they appear. Unlike the parts of well-oiled machines we often have trouble working with each other. Instead of smooth, machined gears, we are more like rough, unsynchronized cogs. Polished gears require only a touch of light oil for lubrication, but to function socially humans need thick grease, and a lot of it. This essential lubrication is provided by accepted norms, manners, and etiquette, a good part of which is provided by little words like please and thank you, and by other nearly involuntary responses. (The ticket agent says, “Have a good trip!” and your programmed response is “You too!”)

The odd thing is, even though these common words and actions should have no meaning because they are reflexive, they are essential. Even when said without forethought, we hear them and respond to them.

Obviously, please and thank you serve different purposes. We use please when we want something, and we use thank you to acknowledge receipt or completion of something of value. The former softens the blow of a direct order, asking for voluntary cooperation, while the latter expresses gratitude for something already done. Both are useful and appreciated, but thank you appears to be more an option because you no longer need anything. Unfortunately, because it doesn’t help fulfill an immediate need, thank you is more likely to be forgotten.

If you had to choose one or the other, thank you would be the one to keep. Please may prompt immediate action, but thank you, by giving value to what has been done, will encourage future cooperation. An added bonus is that thank you can cause the omission of please to be forgotten. In other words, you may

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Speaker Cliff Brewis



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www.pge.com/pec

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be able to get away without please, but you must never forget thank you.

This just happens to be a time when you have the opportunity to thank members who have made important contributions to our members. Each year, CSI at all levels presents awards to acknowledge the work of individuals and committees. Think about the members of your chapter and region; I'm sure you can identify at least one person who has made a significant effort to improve our organization. Before you do anything else, call that person and express your thanks! Then contact the chair of your awards committee (or any board member) and describe what this person has done.

In the future - starting now! - remember that awards are not earned just in the spring. Pay attention throughout the year to what other members are doing. Again, express your thanks personally, and then make sure your awards committee knows about it. And don't forget non-members!

More information about Institute awards and honors. Hurry; submittals are due 6 May!

More thoughts about awards: Why have Awards and honors? How many awards should we have?

CSI Honors acknowledge those whose contributions are Above and beyond...

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Agree? Disagree? Leave your comments at

<http://swspecificthoughts.blogspot.com/>

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CSI membership is composed of a cross-section of the construction industry - architect, engineers, contractors, developers, manufacturers, suppliers and representatives from allied industries. Chapter activities reflect the unbiased concerns of the entire industry - not one section of it. Members through the Chapter, Region and Institute have the opportunity to contribute their views and experience to the improvement of specifications and other contract documents.

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