San Francisco Chapter
VOL. LII NO. 12 | DECEMBER 2016 | NEWSLETTER OF THE SAN FRANCISCO CHAPTER | CONSTRUCTION SPECIFICATIONS INSTITUTE

Bay Area Bi-Chapter Holiday Party

San Francisco
Santa Clara Valley

Thursday, December 1, 2016
Fiorillo’s Restaurant
638 El Camino Real, Santa Clara

6:00 pm  Reception with Appetizers and No Host Bar
7:00 pm  Wine Paired, Three Course Dinner
9:00 pm  Dancing

$60 per person  |  Guests are Welcome

Entrée Choices: Filet Mignon, Grilled Salmon, or Eggplant Parmigiana

RSVP by November 23, 2016 online at
http://csiscvdec2016.brownpapertickets.com

SPONSORSHIPS AVAILABLE
Contact Katia Griggs at katia@griggssystems.com or register online

Celebrate the Season with CSI and bring your favorite dancing partner to our Holiday Party! This year will be double the fun with two Bay Area CSI Chapters celebrating together.

Silent Auction
A perfect time to pick up a holiday present for a co-worker, colleague, or client from our array of art, wine, gourmet foods, and hostess gifts! Don’t forget to bring your credit card or checkbook!
If you would like to make a tax deductible donation to this great cause, please contact Linda Stansen at stanspecs@comcast.net with a short description and value of the item you are donating by November 23rd so that bidding sheets can be prepared.

Toys for Tots
Help spread holiday cheer to needy children in our community by bringing a new, unwrapped toy for donation to the US Marine Corps Toys for Tots campaign.
MONTHLY MEETING
WEDNESDAY, JANUARY 18
6:00 – 8:30 PM
Sir Francis Drake Hotel
450 Powell Street, San Francisco, CA 94108

THE REDEVELOPMENT OF LOWER SPROUL PLAZA, BERKELEY
by Moore Ruble Yudell Architects and Syska Hennessy Group
Presenter: Robert Bolin, PE, LEED Fellow, ASHRAE HBDP
Senior Principal, Syska Hennessy Group, San Francisco, CA
More details on page 4
Please register by Friday, January 13!

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

RSVP: Please make your reservations no later than Friday, January 13, 2017
Go to http://conta.cc/2eGfmlk

Cost is $40 for members of the San Francisco Chapter, $60 for all others.

RESERVATIONS REQUIRE PRE-PAYMENT.

Place: Sir Francis Drake Hotel, Franciscan Room
450 Powell Street, San Francisco  
Time: 6:00 PM - 6:45 PM Social Hour
7:00 PM - 8:30 PM Dinner & Program

The Sir Francis Drake Hotel is in the heart of San Francisco’s commercial district, easily accessible by BART and Muni. Parking is available at the Sutter Stockton Garage.
A true confession: Sometimes it is difficult to write the President’s message. An interesting topic fails to present itself, and writer’s block ensues. Not so this month. In the aftermath of the election, I was worried that many would stay home and skip our meeting. Not so. It meant a great deal to me to see so many of you at our November 9 meeting – bringing your friendship, enthusiasm and engagement to our group.

We were fortunate to have an excellent speaker, Robert Mitroff of BART, animated by the very successful passage of Measure RR to fund an ambitious program of BART improvements. “Successful passage” may seem redundant – but with over 70 percent approval, the bond’s passage does confirm the region’s recognition that our infrastructure needs strengthening both for resilience and for growth. That’s a positive message for the construction industry, and that is us!

Let’s take cheer in our friendships and associations, and look forward to the holiday season. Please mark your calendars:

- December 1 – Joint Santa Clara Valley & San Francisco Chapter Holiday Party
  

- December 14 – Holiday meetup at Harrington’s (details to follow via Constant Contact)

We’ll see you for our first meeting of the New Year on January 18 (NOT January 11!) at the Sir Francis Drake Hotel with a presentation on UC Berkeley’s Sproul Plaza project.

Merideth Marschak
President of San Francisco CSI
The redevelopment of UC Berkeley’s Lower Sproul Plaza by Moore Ruble Yudell Architects and Syska Hennessy Group encompasses 184,000 sf of new construction, additions and renovations to the Esheleman and MLK buildings in the heart of the campus. The design of the building architecture and MEP systems were developed using an integrative design process that produces harmony between systems and architecture to create healthy, comfortable, and productive work spaces for the students.

This presentation will take a stroll through the iterative building performance modeling consisting of energy simulation, solar shading and daylight modeling, and flow network modeling and computational fluid dynamics of natural ventilation that were used to “engineer the architecture” through optimizing building envelope components and the resulting MEP systems that support the primarily passive strategies implemented in this legacy project.

Ultimately the MEP system components and distribution systems achieved the University’s key priorities, which included: sustainable

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MARK YOUR CALENDAR!

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...and highly energy-efficient; adaptable, with capacity for future modification or expansion; durable system performance over service life; and maintainable and easy to service.

Presenter: Robert Bolin, PE, LEED Fellow, ASHRAE HBDP Senior Principal, Syska Hennessy Group, San Francisco, CA

Rob is a Senior Principal with Syska Hennessy Group’s San Francisco Office and National Director of High Performance Building Solutions, with more than 25 years of sustainable consulting engineering experience. His expertise in sustainable architecture and green buildings includes building designs for passive, low energy systems such as natural and mixed-mode ventilation, displacement ventilation, radiant heating and cooling, and building integrated renewable energy systems.

Some of Rob’s notable high performance projects include The Los Angeles Federal Courthouse (targeting LEED Platinum), Lawrence Public Library (LEED Gold), Lawrence, KS, Pearl River Tower in Guangzhou, China; EPA Region 8 Headquarters Building, Denver, CO (LEED Gold); Santa Monica Library, CA (LEED Gold), and NRDC Santa Monica HQ Office (LEED Platinum).

Rob, who has an MSAE degree from Penn State University and a BSAE from University of Colorado, is a licensed professional engineer in numerous states. Additionally, he is a certified ASHRAE High Performance Building Design Professional. Rob is active in ASHRAE, AEE, AIA Cote, USGBC, is a former founding member of the board of directors of the Los Angeles Chapter of the USGBC, a National Peer of the GSA Design Excellence program, and recently elected LEED Fellow.

The San Francisco Specifics is your award winning Chapter newsletter!
TABLETOP SPONSOR PACKAGE FOR 2017

We’d like to encourage tabletop sponsors to stay for the dinner and presentation, and to take advantage of a brief opportunity to tell the assembled guests about their products and services from the podium. The new price for a tabletop, effective November 1, will be $200 including one dinner reservation. Please register via Constant Contact, and feel free to invite additional guests. Thank you for your sponsorship!

THE PACIFIC ENERGY CENTER

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I recently wrote about the importance of hands-on experience with building materials (Get your hands dirty!). While that works well for masonry and a few other materials, many products and processes are so dangerous or complex that it is extremely difficult for the average person to have meaningful personal experience. Still, even though hands-on familiarity may not be readily available, witnessing the fabrication or installation of construction materials is quite valuable.

I love plant tours and have been on several. Fortunately, the office often arranges site visits and tours of fabrication facilities and encourages staff to participate. In June, five of us took a midday trip to LeJeune Steel Company, a local structural steel fabricator.

Vice President Mike Histon met us at the door, then led us to a conference room where he talked about the history of LeJeune, explained how they operate, and showed us drawings from a variety of projects. They had a hand in Target Field (Twins ballpark), TCF Stadium (Gophers football), and the recently-completed US
Bank Stadium (Vikings). Of particular interest was the Hennepin County Ambulatory and Outpatient Specialty Care Center, one of our projects that’s under construction.

Mike also talked about the current state of the steel industry, which is a fraction of what it was fifty years ago. After donning helmets and safety vests, we went out into the shop.

To be blunt about it, many production facilities, at first glance, aren’t much to look at. Some have really cool machines, while others have more basic tools, but most are huge volumes of not much, used primarily for storing and moving materials.

For basic materials, like structural steel, the equipment is quite simple - hoists, rollers, a saw, a punch, a brake, a shear, and a welder - but it’s a bit larger than what you’re probably accustomed to.

Fabrication consists of cutting to length, welding shapes and connections, and punching holes for bolted connections, some of
Continued from previous page

which are completed in the shop while others are done in the field. LeJeune also preps steel for finishing, and applies primer and other coatings as specified.

Do yourself a favor - visit fabrication shops and learn more about how things are fabricated before being shipped to the site!

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Agree? Disagree? Leave your comments at http://swconstructivethoughts.blogspot.com/

More photos on next two pages
The City and County of SF
Department of Building Inspection

Presents a series of free
**BROWN BAG LUNCH TALKS**

3rd Thursdays, Noon to 1:30 PM
at 1660 Mission Street, Room 2001 (Second Floor)

Contact Laurence Kornfield
415-558-6205

The Department welcomes you to attend a series of informal, general information talks presented at no charge to the public and City staff. Bring your lunch. Coffee and other drinks will be provided.
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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