



Structural Engineers Association of Washington

October 2007

SOUTHWEST CHAPTER

October Dinner Meeting

Date: Wednesday, October 17, 2007
Lab Tour APA-The Engineered Wood Association
7011 South 19th Street, Tacoma (by TCC)
Time: **Promptly at 4:30 pm**
Reservation for Lab Tour is Required
Dinner: LaQuinta Inn & Suites
1425 East 27th Street, Tacoma
Time: 6:00 pm Dinner, 6:30 pm Program
Menu: Roast Beef with Burgundy Sauce and
Chicken Breast with Apple Brandy Glaze
Cost: 25.00 with reservation (**required**)

Reservations required. Deadline is noon on Friday,
October 12, 2007. E-mail reservations to
seawschapter@comcast.net or call (253) 382-2936.



Lab Tour at APA Followed by Dinner Presentation on Quantifying the Shear Benefits of Fully Sheathed Construction

Please join us at on October 17th for a lab tour at APA-The Engineered Wood Association. Highlights of the lab tour will include a cyclic shear wall test, a large scale 3-D “house” frame bracing test, and a look at APA’s new test frame that will load walls with combined shear and vertical load. Leading the lab tour will be Tom Skaggs, Ph.D., P.E., APA’s Manager of Product Evaluation. At the conclusion of the lab tour, attendees will head to LaQuinta for a dinner presentation when Zeno Martin, P.E., a Senior Engineer with APA, will present results of the 3-D house testing as well as other recent research activities aimed at quantifying the shear wall benefits of fully sheathed construction.

Zeno Martin is a Senior Engineer in APA’s Technical Services Division. He has been actively involved in testing engineered wood products including the cyclic performance of braced wall and shear wall assemblies. In addition to extensive laboratory testing experience, he also participates in the building code development process. Zeno is a licensed Civil Engineer in California and Washington, and has written various journal articles, a chapter in the award-winning *APA Engineered Wood Handbook* published by McGraw-Hill, and is co-author of a new APA/ICC publication *A Guide to the 2006 IRC Wood Wall Bracing Provisions*. Zeno completed his B.S. and M.S. at Michigan Technological University.

Presidents Message

After talking with a handful of people, it looks like the SEA Northwest Conference held in Seattle during the middle of September was a great success. I attended a couple of the technical sessions, and thought they were pretty helpful regarding the transition to the 2006 IBC. The overall attendance was over 170 people, which is far greater than conferences of past years. Putting on the conference took a great deal of volunteer effort from the Seattle Chapter, and I think they can take a lot of pride in the end result.

Now, you are probably saying to yourself “If only the Northwest Conference was here in the south sound. I would love to be involved in the effort to put the conference together!!!” My reply is that “Wow! You used three exclamation marks. You must really be excited about the Northwest Conference. Luckily for you, the Southwest Chapter is responsible for the 2009 SEA Northwest Conference.” Two years may seem like a long time, but we will begin putting our Northwest Conference Committee together this year, and selecting a site for the Conference. If you are interested in helping out with the effort, feel free to contact me at dmceachern@ahbl.com. If you won't contact me, I will be forced to hunt you down, so just save us both a lot of time and volunteer already.

If the Northwest Conference didn't provide enough technical help regarding the 2006 IBC, the Seattle Chapter of SEAW is offering a one-day course covering the seismic provisions of the new code. The course is being offered in Portland, Seattle, Spokane and the Tri-Cities over the next month. The Seattle course is scheduled for Saturday, October 13th (you can find the necessary information on the SEAW website and in this newsletter). I have been to similar courses for previous code changes, and they have been well worth it.

Andrew D. McEachern, P.E., S.E.

dmceachern@ahbl.com

253.383.2422 Tel

253.383.2572 Fax

APA Lab Tour and Dinner Things You Need to Know

Please join us on Wednesday, October 17th for a tour of the APA Lab and dinner. A few things you need to know are:

Lab Tour:

- The lab tour starts promptly at 4:30 pm.
- A reservation for the lab tour is required!
- When arriving at APA, park between the two buildings and meet at the lab (the lab building is closest to 19th Street and the headquarters building is in the middle of the property. Drive around the lab building and park in the spaces between the two buildings).

Dinner at LaQuinta:

- After the lab tour dinner will be served at LaQuinta.
- Zeno Martin be providing a presentation at dinner. Please plan to attend!
- Gala Buffet – Caesar Salad, Roast Beef with Burgundy Sauce, Chicken Breast with Apple Brandy Glaze, Roasted Red Potatoes, Vegetables and Desserts.

Upcoming SW Chapter Events

February 20, 2008

SEAW SW Chapter Tradeshow
Tacoma Dome Exhibition Hall

April 16, 2008

Nucor Plant Tour
Joint meeting with Seattle Chapter
SW Chapter hosts

May 21, 2008

Joint Meeting with AIA SW Chapter
SW Chapter hosts

If you have any ideas for presentations, tours, site visits, or other items the membership would enjoy, please contact a Board member or Sarah.

Don't Forget Those Dues!

Your 2007 dues can be paid at the October meeting, or online at www.seaw.org!



the SEAW Earthquake Engineering Committee Presents . . .

Seismic Design Using the 2006 IBC and ASCE 7-05

Co-sponsored with the University of Washington Department of Civil Engineering

Seminar Locations:

Portland:

Thursday, October 4, 2007
McMenamins Edgefield
(register through www.seao.org)

Seattle:

Saturday, October 13, 2007
University of Washington
Kane Hall, Room 120

Spokane:

Thursday, November 1, 2007
Red Lion Inn at the Park

Tri-Cities:

Friday, November 2, 2007
Pasco Red Lion

Seminar Time: (1/2 hr later in Spokane)

Registration: 8:00 AM
Seminar: 8:30 AM–5:00 PM

Registration Fees:

Includes Refreshments, Lunch, Seminar Notes

SEAW/SEAO Members/UW Faculty	\$175.00
Non-Member	\$225.00
Student	\$50.00
Late fee for registration less than one week prior to class:	\$25.00

Professional Development:

This seminar is valued at 8 PDHs.

Register now!

Use this form or register online at www.seaw.org
Questions? E-mail seaw@seaw.org or phone 206/682-6026.

Seismic Design Using the 2006 IBC and ASCE 7-05

On July 1, 2007 the 2006 International Building Code (IBC) took effect across the state. Many of the structural design requirements of the 2006 IBC appear in the ASCE 7-05 standard, which has been significantly reorganized and rewritten. The upcoming seminar "Seismic Design Using the 2006 IBC and ASCE 7-05" addresses changes to design requirements in these documents and other reference standards.

Topics addressed by this all-day seminar will include:

- Seismic Design Criteria • The Redundancy Factor
- System and Analysis Requirements
- Geotechnical Investigation and Reporting
- Diaphragms, Drift, and Deformation
- Foundation Design • Concrete Design Requirements
- Anchoring to Concrete • Masonry Design Requirements
- Steel Design Requirements • Wood and Cold-Form Design Requirements
- Inspection, Testing, and Observation
- Nonstructural Component Design and Anchorage

Featured Presenters will include:

- David Arndt, KPFF Consulting Engineers • Noel Baca, Chinn Construction
- Philip Brazil, Reid Middleton Inc • Carole Mitchell, Shannon & Wilson
- Mark Moorleghen, DCI Engineers Inc • Kai Ki Mow, KPFF Consulting Engineers
- Timothy Nordstrom, Hilti • Mark Pierepiekarz, MRP Engineering
- Peter Somers, Magnusson Klemencic Associates
- Andrew Taylor, KPFF Consulting Engineers
- Michael Valley, Magnusson Klemencic Associates
- Tom Xia, DCI Engineers Inc • Bryan Zagers, Coughlin Porter Lundeen Inc

Seismic Design Using the IBC and ASCE 7-02 (please mark location. For Portland, visit www.seao.org)

Seattle, Saturday, October 13 (Register by October 6) Spokane, Thursday, November 1 (Register by October 25) Tri-Cities, Friday, November 2 (Register by October 26)

Name(s) _____

Company _____

Mailing Address _____

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• Mail form & payment to:
SEAW, PO Box 44
Olympia, WA 98507

• Credit card orders may be faxed to **360/753-1838**

• Or Register online at www.seaw.org

PAYMENT METHOD:

- Check or Money Order enclosed
 Please charge my VISA/MasterCard

Card # _____ exp date _____

Auth. Signature _____

Print Cardholder name _____

	Quantity	Amount	Total
Member SEAW/UW Faculty	_____ @	\$175.00 =	_____
Non-Member	_____ @	\$225.00 =	_____
Student	_____ @	\$ 50.00 =	_____
Late fee (each), less than 1 wk prior to seminar date:	_____ @	\$ 25.00 =	_____
TOTAL REMITTANCE:			\$ _____

Opportunities



SWENSON SAY FAGÉT A STRUCTURAL ENGINEERING CORPORATION

Established and growing Structural Engineering design firm seeks outstanding individuals to fill immediate openings for Staff Engineers in our Seattle/Belltown office. All experience levels considered and encouraged. We're a mid-size dynamic company recognized for our team work, creativity and innovation. Our informal studio setting facilitates collaboration and communication between all staff levels and departments. We combine a very progressive benefits package with a fun, flexible and casual office culture. Our diverse project teams and loyal clients provide opportunities to work with a variety of materials and building types.

Benefits include medical, dental, vision, 401(k), cafeteria plan, subsidized transportation passes, three weeks vacation, paid sick leave, paid professional development opportunities, testing and licensing reimbursement, paid volunteer time off, tons of office social events and much more. We've got a desk all ready for you. Come join our team!

Email resume to bbresko@swensonsayfaget.com or fax attention Blaze Bresko at 206 443-4870.

Volunteer!

SEAW is a great organization that provides:

- Regular technical seminars addressing the specific needs of practicing Structural Engineers.
- The opportunity for increased knowledge of technical and professional practice issues through participation on SEAW Committees.
- Interaction with industry and professional groups, and advance notice of seminars and other offerings.
- The opportunity to network with Structural Engineers and other professionals.
- Access to the online SEAW Membership Roster and online member services.
- Complimentary subscription to Structure magazine.
- Notice of SEAW activities, technical updates, job opportunities, membership news, and seminar and conference announcements through monthly newsletters and the SEAW website at www.seaw.org.

However, all of this takes volunteers. This year we have our 12th Annual Tradeshow and the upcoming SEA Northwest Conference. Both events are fun to plan and attend!

Please volunteer!

The SEAW Southwest Chapter newsletter is printed monthly from September through May. Circulation is approximately 150 members & related organizations. Articles, letters and announcements are accepted through the SW Chapter office at PO Box 111480, Tacoma WA 98411. Advertising Rates: Help wanted \$25; Goods/Services and inserts \$50. Items received by the 30th of the month will be considered for publication in the following month's issue. For information, contact the SW Chapter at 253-382-2936 or email seawswchapter@comcast.net

SEAW Southwest Chapter 2007-2008 Board of Directors

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