



THE STRUCTURAL ENGINEERS ASSOCIATION OF TEXAS

AUSTIN CHAPTER

www.seaot.org

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August 2010 Program Preview

Topic: *Rod Systems for Roof Wind Uplift Restraint*

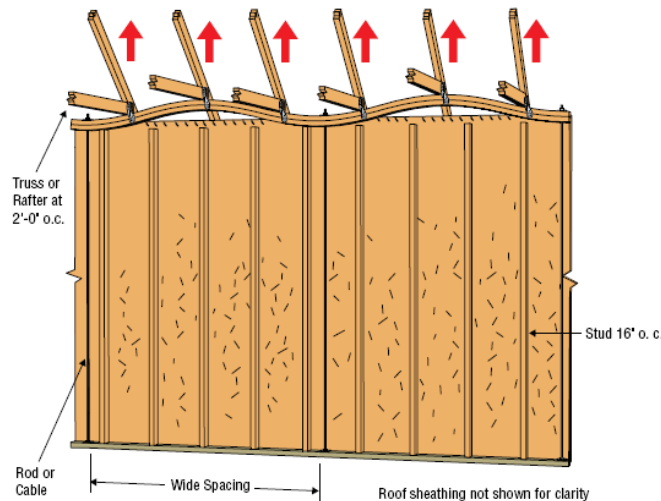
Speaker(s): Bryan Wert, PE
Simpson Strong-Tie

Location: Holiday Inn NW/Arboretum – Ballroom 2nd Floor
8901 Business Park Drive
Austin, TX 78759

Date & Time: Thursday August 26, 2010
Social & Social 11:45 – Noon
Lunch & Presentation Noon–1:15 PM

Lunch Menu: Chicken Sandwich with Fries

RSVP: http://www.seaot.org/austin/reservations_Meeting_austin.cfm



Do Rod or Cable Systems Work When Spaced 4' – 8' Apart?

Excessive spacing of rod or cable restraints to resist high uplift forces could also cause failure of the top plate.

This presentation will discuss the use of rod systems for roof wind uplift restraint. He will clarify the differences between wind uplift rod restraint

systems and rod systems used for lateral overturning restraint in shear walls for both wind and seismic forces. To differentiate these two systems he will outline key differences in load path and the resulting divergent limit states. Mr. Wert will share results of full scale testing of these systems completed in Simpson's Tye Gilb Research Lab in Stockton, CA and their effect on rod system development. He will also share the new developments from ICC-ES that provide guidance for designers to properly lay out wind uplift resisting rod systems.



Bryan Wert, PE is an engineer for Simpson Strong-Tie working out of the McKinney, TX branch and covering the Southeast United States – 14 states in all, including of course, Texas. He is SECB certified and holds a P.E. license in eight states throughout the country from CA to FL, requiring in depth knowledge of both high wind and seismic design. Bryan graduated from the University of Southern California with a B.S. in Civil Engineering (Building Science emphasis) and from Stanford University with a M.S. in Structural Engineering.

Younger Members Update

The Younger Members group held a happy hour social event last Thursday August 12, 2010 at Third Base Downtown, on 6th near Campbell St., from 5:30 p.m. to 7:30 p.m. in the game room. SEAoT provided free **appetizers** for those in attendance.

Future Younger Members events will be announced soon. We want to welcome all SEAoT members and guests regardless of age. We strongly encourage all members to attend and hope to see you there.

If you have any questions, feel free to contract Jessica McLarty at jmclarty@jqeng.com.

Meeting Venue & RSVP Reminder!

Our location for the monthly meeting is the Holiday Inn – NW/Arboretum located at 8901 Business Park Dr. The hotel is located at the SW corner of the intersection of MoPac and Hwy 183 (see map). We encourage people to show up early and socialize.

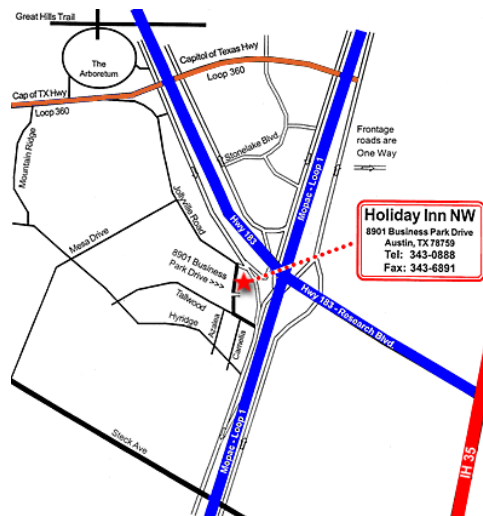
Our meetings offer a catered lunch and we request that you please RSVP and pay online at http://www.seaot.org/austin/reservations_Meeting_austin.cfm. Vegetarian meals accommodated upon request. Cost breakdown to attend below.

Online RSVP by **NOON** on the Friday before the meeting:

- Students – Free
- Members – \$8 pay via PayPal
- Members – \$10 pay at the door
- Non-Members – \$15 pay via PayPal
- Non-members – \$18 pay at the door

No online RSVP & pay at the door:

- Students – \$10
- Members – \$15
- Non-Members - \$20 pay at the door



SAVE THE DATE – ½ Day Seminar 10/2/2010

Details with regards to time, location, and cost for the upcoming seminar are still being worked out; however, we are planning to present three 1½-hour webinars from the National Council of Structural Engineers Association (NCSEA). Each webinar typically costs around \$250 per office, but the cost will be much lower for this event and will allow persons who are not affiliated with large firms to

take part in these webinars. As of now, we are planning on the following three webinars to be shown in the morning and early afternoon of October 2, 2010.

Foundation Design Using IBC 2009 Chapter 18

Better Base Plate Performance by Design

Detailing Load Bearing Masonry Buildings for Both Crack Control & Structural Performance

You will receive 4.5 PDH, 1.5 PDH per webinar.

July 2010 Meeting Recap

At last month's meeting, Mark Gault and Don Wheeler from Mark Gault Company gave a presentation on water intrusion and damage of stucco and EIFS. They discussed many of their past experiences, what to look for while performing an inspection, and when to seek outside expertise for accurate diagnosis and repair. Twenty-seven members and two guests attended the presentation.

Books by Richard Weingardt

The Austin chapter of SEAoT has the following two books that were donated by the author, who also was the keynote speaker at the annual statewide SEAoT meeting in October. To borrow the book(s), please contact Jayant Sheth at 512-427-3600 or via email at shethjayant@stanleygroup.com.

"Circles in the Sky – The Life and Times of George Ferris" by Richard Weingardt

"Forks In The Road: Impacting the World Around Us" by Richard Weingardt

Membership

If you are not a SEAoT member, please consider the benefits of becoming a member this year and in the future years. Everything you need to know about membership, including benefits, membership categories, and an on-line application can be found at <http://www.seaot.org/membership.cfm>.

Have You Paid Your 2010 Dues Yet?

Through the end of July 2010, the Austin Chapter of

SEAoT has only retained 73% of our 2009 members. Our non-renewal rate of 27% ranks our chapter 4th among the State's 7 chapters. If you know of someone who has not renewed, please ask them to consider becoming a member again.

Remember, your dues go towards providing meeting space and speakers for our monthly seminars, partially subsidizing lunches at the new meeting space, as well as the Younger Members' happy hours, the annual scholarship to a UT-Austin student, and member discounts at events such as the Spring Dinner and seminars throughout the year. Please go online to www.seaot.org and pay your dues today!

News and Events

Want to know more about what is going on in SEAoT? Want to see what events are happening? Can't remember what meetings you have attended? Want to find out more? Please visit the SEAoT website at www.seaot.org to find out more!

Update Current Member Information

Have you changed employers, passed the PE exam, moved, or changed your email address? If so, please visit the SEAoT website to update your information. If you have trouble updating your information via the website, you may contact one of your Local Board members or Liz Stansfeld at state@seaot.org. You can make changes to your member information at:

<http://www.seaot.org/membership.cfm>

Sponsorship

SEAoT Austin is currently seeking sponsorship through advertisement in our chapter newsletter. For a modest contribution, your firm can help support our non-profit chapter. Your company will be acknowledged in the monthly newsletter and special notices which are distributed to approximately 120 recipients per issue, approximately 10-12 issues per year. Your promotion will be included as soon as possible and run for 12 months.

Sponsorship opportunities are as follows:

3 ½" W x 2" H (business card size) \$150

¼ Page (3 5/8" x 4 ½")	\$300
½ Page (7 ¾" x 4 ½" or 3 5/8" x 9 ¼")	\$500
Full Page (7 ¾" x 9 ¼")	\$900

Should you wish to support the Austin Chapter of SEAOt through this sponsorship program, please contact Joan Gallup at 512-867-6050 or jgallup@shwgroup.com to arrange for inclusion of your company's promotion in our 2010 publications.

Newsletter Contributions Needed

The Monthly Austin Chapter Newsletter, as well as the Statewide SEAOt Quarterly Newsletter, is always looking for articles or items to post in the newsletter. SEAOt would like to include contributions from members or local firms on interesting projects. Submit newsletter contributions by the second Thursday of each month via email to the editor, bsmoulin@terracon.com, or by mail to P.O. Box 1452, Austin, Texas, 78767.

2010 Austin Chapter Officers & Directors

Kris Swanson, President	472-9797
Adam Johnson, Vice-President	330-1270
Bryan Moulin, Secretary	442-1122
Kurt Kelso, Treasurer	345-5538
Luke Nelson, Past President	469-9490
Jessica McLarty, Younger Members	474-9094
Jayant Sheth, Director (Seminars)	427-3600
Charles Hammond, Director (Members)	651-9614
Joan Gallup, Director (Sponsors/Scholars)	867-6000
Brett Fagan, State Director	474-0400
Vic Winter, State Director	372-8216