



Seismology & Structural Standards Committee
Structural Engineers Association of Northern California

Time: 5:30 – 7:00 pm
Date: Tuesday, March 25, 2008
Location: *DeSimone Consulting Engineers*
160 Sansome Street, 16th Floor
San Francisco, CA 94104
and on Webex

MEETING MINUTES

Chair: Andy Fennell
Vice-Chair: Nicolas Rodrigues
Past-Chair: Mark Moore

In Attendance:

Nic Rodrigues (NR)	Nrodrigues@de-simone.com	415-398-5740
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via Webex

Andy Fennell	Andy.sclabs@earthlink.net	925-323-8920
Mark Moore (MM)	Mmoore@forell.com	415-268-3018

1. Chairs Announcements:

- 1.1. The next meeting will be planed for next April, 22nd.
- 1.2. The new Cold Formed Steel Subcommittee will meet on the 14th of April. Contact Armen Shamamian to participate.

2. Past Meeting Minutes Review

- 2.1. January's meeting minutes were reviewed. No changes. January minutes were approved.

3. Guest Presentation

- 3.1. Scott Adan (from SGH) and William Gibb (from Steel Cast Connections) presented the latest developments regarding the Kaiser Bolted Bracket. Scott Adan has worked on the engineering and testing aspects for the product. William Gibb is the president of the company which sells the bracket.
- 3.2. The Kaiser Bolted Bracket is intended to be used for some SMRF applications. It is made up of a cast bracket which bolts to the column flange and then bolts or welds to the frame beam. The inelasticity is forced into the beam and the end of the bracket, much in the same way a RBS connection forces the inelasticity into the reduced flange area.
- 3.3. Other aspects of the connection include the use of high strength bolts, bracing of the beam is still required in conformance with AISC, and the product can be used for both new construction and retrofit.
- 3.4. One design consideration discussed includes the possibility of the bracket prying against the column flange, resulting in either increasing the column flange thickness or increasing the number of bolts in order to spread out the connection force.
- 3.5. The Seismology Committee chair would like to express our gratitude to both Scott and William for taking the time to engage our committee in a discussion about their product. Information about the product and presentation can be downloaded at <http://www.seaonc.org/member/committees/seismology.asp>.

4. State Seismology Recap/Blue Book Update

- 4.1. The Northern Region is working on various BB articles. AF is completing the final review on a wood overview article. NR and MM are tasked with writing a BB article pertaining to the state of practice in tall building design. NR will be working with Ryan Kersting of the Central Section on a BB article discussing collector design in concrete slabs. All articles are subject to review and comment by the State Committee prior to publication this September.
- 4.2. The State Seismology Committee created an Ad Hoc committee to study High Strength Concrete and the new ACI publication ITG-4.3R-07. The Ad Hoc

group is charged with reviewing this new publication as concerns have been raised regarding the apparent reduction in confinement requirements. NR of the Northern Region will chair the newly formed Ad Hoc Committee.

5. Subcommittee reports

- 5.1.** Cold Formed Steel (CFS): The charges for this subcommittee were discussed. The committee should produce a summary of code issues for the new CBC code. A CFS overview BB article was requested from the CFS sub by May 16th.

6. New Business / Open discussion

- 6.1.** Next meeting is scheduled for April 22nd, 2008 from 5:30 to 7:00 at DeSimone Consulting Engineers 160 Sansome St. in San Francisco.

Respectfully Submitted,

Andy Fennell
Chair 2007-2008