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Upcoming Events

California Steel Framing Alliance Annual Conf. Pasadena, CA	July 26-27
AISI Committee on Specifications Minneapolis, MN	July 30 - 31
AISI Committee on Framing standards Baltimore, MD	Sept. 11-12
Atl./Southeast CFSEI Ch. Mtg.: Updates to the CFS Lateral Standard Atlanta, GA	Sept. 13
Florida CFSEI Ch. Mtg. Mid-Rise CFS Construction Orlando, FL	Sept. 20
SEAOC Annual Convention Lake Tahoe, CA	Sept. 26-29
METALCON International (with CFSEI committees) Las Vegas, NV	Oct. 3-5
NCSEA Philadelphia, PA	Oct. 11-13

Remarks from Jeff Ellis, CFSEI President

Another year is upon the CFSEI! I am truly honored to be the president of the Cold-Formed Steel Engineers Institute for this 2007-08 term. Many excellent, talented presidents have served this organization over the years and I will do my best to continue the positive and forward movement they helped to lead with the other Board members and staff.

There have been several changes in the last few years and these changes have helped the organization evolve and streamline into a more effective technical resource for the cold-formed steel (CFS) industry. Among these changes was the development of a comprehensive Operating Plan that includes eight strategies, shown below, with a Board member serving as "champion" for each strategy to assist with direction and its completion.

- Produce technical notes and design

guides that enable and aid engineers

- Increase industry knowledge of CFSEI resources and capabilities

- Increase

relevance to chapter activities and membership needs

- Provide timely and competent response to technical inquires

- Provide forums for exchange of information

- Partner with aligned organizations

- Help focus research spending on the needs of engineers

- Develop awareness through the formal education system

In addition, the CFSEI has developed a stronger relationship with



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Revised CFS Framing Standards to be Published

In early 2007, the AISI Committee on Framing Standards gained approval by the American National Standards Institute (ANSI) of a new North American Standard for Cold-Formed Steel Structural Framing - Product Data, and updated North American editions of its standards on General Provisions, Header Design and Truss Design. These documents have completed AISI editorial and administrative review, and will be published soon by the Steel Framing

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CFSEI Develops New Numbers for Tech Notes

During 2006, the CFSEI developed a new system for numbering of CFSEI Technical Notes. Previously, a number or number/letter combination was used to reference the notes, but these numbers did not have any specific reference to industry standards or other numbering systems, or to the topics of the notes themselves. The new numbers are keyed off of an initial letter that represents the primary category, and then a 3-digit

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Annual Meeting and Officer Installation held at Pacific Rim Conference

On March 14, the Cold-Formed Steel Engineers Institute (CFSEI) held its second Annual Meeting, in accordance with the mandate of the CFSEI Operating Procedures. This year, the meeting was more social, with induction of Chapter and National CFSEI officers, a reception and dinner, and an engineering presentation on progressive collapse prevention in structural design. Don Dusenberry of Simpson, Gumpertz and Heger, Consulting Structural Engineers, gave the keynote presentation on progressive collapse.

At a meeting of the newly formed Fire & Acoustics Task Group, members identified key barriers, as well as potential volunteers that would be interested in working on some of these issues. One detail identified in multi-family construction was fire blocking between floors at adjacent units. The committee will also help prioritize research and recommend funding for various fire and acoustic testing projects. If you are interested in participating in this group, contact dallen@CFSEI.org.

Staff Liaison Jay Larson reported at the Corrosion and Durability Task Group meeting on the rewrite of the old LGSEA Tech Note 140, now CFSEI Tech Note D200-07. The group had also recently redone the Steel Framing Alliance document on "Corrosion Protection for Life." Both documents were available at the conference. **The new numbering system for Tech Notes is available online and will be published in the next CFSEI Newsletter.**

New CFSEI president Jeff Ellis discussed the mission and vision of the CFSEI, and the eight strategies of the Operating Plan that are being followed to achieve the CFSEI mission and vision.

The next CFSEI face-to-face Board and committee meetings will be held at METALCON in Las Vegas, October 3-5. CFSEI meetings will be the afternoon of Wednesday, October 3. For additional information, watch the Calendar section of the CFSEI website.

New Tech Note Numbering

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number. The first digit of that number represents the sub-category, and the last two digits represent the number of the note within that sub-category. A list of the current categories is available at CFSEI.org; new categories may be added as new topics are suggested.

The first document issued under this system was Technical Note D200-07, issued in January of this year. The letter D represents category "durability," and the number 2 represents subcategory 200 for coastal corrosion protection. The number 00 signifies that this is the first note in this category; subsequent notes that apply to this topic would be numbered D201, D202, as required. The -07 lists the year of

publication. As with ASTM standards, when editorial revisions are issued between publication dates, a small alphabetical character will be added after the year: for example, the "a" in D200-07a. The next planned note in this system is note G800-07, for "ASTM Standards dealing with Cold-Formed Steel."

As a part of this revamp of the CFSEI Technical Note system, all notes are being reviewed and will be reissued as required, with updated information and numbers. Watch the CFSEI newsletter for a listing of upcoming notes and numbers. If you have a suggestion for new Technical Notes, please send it to CFSEI Secretary Don Allen, at dallen@cfsei.org.

Revised CFS Framing Standards to be Published

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Alliance as American National Standards.

These are North American standards, intended for adoption and use in Canada and Mexico, as well as the United States. Also, a new numeric designation system has been introduced to better reference the documents in codes and specifications. These are just the first four standards in a series that will be released by the AISI Committee on Framing Standards during 2007.

AISI S200-07 is the new designation for the revised Standard for Cold-Formed Steel Framing - General Provisions. In this new edition, definitions for terms in all the various AISI standards for cold-formed steel framing have been centralized to assure consistency and better facilitate maintenance of the standards. Language was added to clarify that a dissimilar metal may be used in direct contact with steel framing members if approved for that application, and commentary language was added to provide guidance on when such applications might not be a problem. Based on recent research, commentary language was also added to provide guidance on both the use of load bearing top track assemblies and the wall stud gap tolerance.

AISI S201-07 is the designation for the

new Standard for Cold-Formed Steel Framing - Product Data. This standard is intended to establish and encourage the production and use of standardized products in the United States, Canada and Mexico. It provides criteria, including material and product requirements for cold-formed steel C-shape studs, joists, track, U-channels, furring channels and angles intended to be utilized in structural and non-structural framing applications.

AISI S212-07 is the new designation for the revised Standard for Cold-Formed Steel Framing - Header Design. In this new edition, the referenced document listing was updated, requirements for evaluating shear were added for back-to-back and box headers, and provisions were included for designing inverted L-header assemblies, based on rational engineering judgment, as a means to provide improved capacity for double and single L-headers.

AISI S214-07 is the new designation for the revised Standard for Cold-Formed Steel Framing - Truss Design.

Work by the AISI Committee on Framing Standards continues on North American editions of its standards on Lateral Design and Wall Stud Design,

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Remarks from Jeff Ellis, CFSEI President

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the Steel Framing Alliance (SFA). Together we can continue to support industry efforts to make better known the unique advantages steel framing offers in mid-rise and multifamily construction. This will include giving our members the tools they will need to address increasing demand for design of these types of structures.

The CFSEI Board will continue implementation of the Operating Plan, which we will review again later this year to see if any changes need to be made. Our top priority is to continue updating and developing new technical notes and design guides to ensure the membership has the latest information to help produce the best cold-formed steel designs.

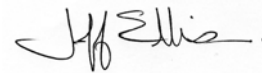
Another high priority is to help the local chapters. We have formed a new Florida CFSEI chapter, and held one of our national meetings at a local chapter at the PACRIM conference with the Hawaii chapter. While at PACRIM, I was truly impressed with the membership in terms of leadership, capabilities and willingness to serve the industry. Over the past few years, I've visited with several local chapters where

I have seen firsthand not only the passion and hard work of our fellow members, but also their commitment to helping the industry overall.

Another important focus is to provide forums for the exchange of information. Be sure to visit the CFSEI Web site regularly for updates and information exchange. This site is our central forum for the dissemination of information such as technical notes and design guides, online seminars, past newsletters, and a calendar of upcoming events.

It is also the place to go for a discussion on hot topics in the industry, CFS construction details and FAQs, a forum where you can post questions about CFS and receive responses from industry peers, a Web site search tool to quickly find what you're looking for on the site, and a CFS engineer finder. Let us know what you like about the site and what we can add that would be helpful to engineers. Membership input related to the goal of fulfilling our mission of aiding and enabling engineers in the design of CFS is very important and encouraged anytime.

I am looking forward to working with my fellow CFSEI Board members, our local chapter Board members, and our outstanding staff as well as with many of you – the members of this organization. Let's all continue to work together to help one another, this organization and this industry make great leaps forward by continuing to offer up some of our time as well as our talents. These efforts will help to increase knowledge and the skill to design, build and inspect superior cold-formed steel structures and be a benefit to all!



Jeff Ellis, President, CFSEI

CFSEI Technology Development Committee

The CFSEI Technology Development Committee (TDC) was established in June 2005 as a combination of the former SFA Technology Team and LGSEA Research Development Committee. It reports to the CFSEI Board of Directors and has as its mission "to eliminate technological barriers and expand opportunities for advanced technologies leading to the increased use of steel framing in residential, commercial, and institutional construction." It completes this mission by helping SFA identify needs, establish priorities, develop project descriptions, draft RFP's, solicit proposals and select contractors.

The TDC has 12 to 15 members, and membership is balanced, as much as practical, with members employed by or representing various stakeholders, including the steel mills and converters, steel framing manufacturers, truss manufacturers and pre-engineered panelized system fabricators, builders and contractors, design professionals and code officials, and all others. The goal is that 1/3 of TDC members are builders and contractors, and 1/3 of TDC members are design professionals and code officials.

Immediate Past President, Ben Schafer reflects on the Future of CFSEI

Mission, vision, name change, re-organization - this is the "squishy stuff" of an organization, and I am not a big fan of spending time on the squishy stuff. So, when I look back on my year as President I am a little surprised, and initially disappointed, at all the time we spent doing squishy stuff. However, when I began as President a year ago, this new reincarnation of LGSEA had not quite figured out what it wanted to be when it grew up. Today, these issues are behind us, and everyone can get on with the real work. By the way, here is where we ended up, with this vision: "The CFSEI is recognized as the preeminent worldwide technical resource for cold-formed steel framing design."

This vision works. Along with this vision came an improved mission, a name change, restructuring of the Operating Plan to improve continuity on the Board and to increase representation of the chapters on the Board.

I can say with confidence that the production pipeline of technical documents for the CFSEI members is now alive and well and should be coming to your desk regularly in the coming year. In addition, we established a new committee to work explicitly on producing design aids and notes to complement the AISI-COFS standards. This committee, headed by Dick Layding, is now also live, and we all expect big things from them in the coming year. If you know what you love, what you have a passion for, the rest follows easily. I love structural engineering. Seriously, I love the history, I love the mission, I love teaching others about structural engineering and I love performing research that hopefully advances our vocation. I love cold-formed steel. I love that cold-formed steel is more complicated and requires you to think in order to squeeze

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Revised Framing Standards Published

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along with a new North American standard on Floor and Roof System Design. An updated Prescriptive Method for One and Two Family Dwellings is also being developed. These documents can be purchased on the SFA website or by phone (toll-free 1-866-465-4732). For more information on the AISI Committee on Framing Standards, please contact Jay Larson, (jlarson@steel.org). **A full-length version of this article is available at CFSEI.org.**

Technology Development Committee

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Key tools used by the TDC include the Barrier Survey Form and Project Submission Form, downloadable from the CFSEI or SFA website. These forms help identify barriers and determine the market impact, relevance to goals, expected scope of work and deliverables and funding sources for potential projects, all intended to help SFA assess the likely return on investment. The annual Priority Survey, conducted in November to identify priority areas for investment in technology development, has typically listed 30 project areas and allows members to identify other potential projects that are not listed. The TDC continues to engage the interests and resources of members to guide its research and development efforts, and provide a forum for members to discuss technology needs and solutions, both generic and proprietary. For more information on the TDC, check out the R&D pages on the CFSEI or SFA website, contact chairman, Mark Nowak (marknowak@newportpartnersllc.com) or Secretary, Jay Larson (jlarson@steel.org).

Schafer Reflects on Future of CFSEI

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such marvelous efficiency out of such a minimum of material. I love that such a highly technical product, with good research and outreach, has become incredibly useful providing cost efficient structures for our homes and our shops. In the last year as your President my hope was to instill some of that passion into our organization. So, finally, I call for your help. CFSEI needs your

involvement at the local chapters and at the national level. We need and want to hear from you, so email me (schafer@jhu.edu) go to our website (www.cfsei.com) get interested, get involved. Maybe like me you will find that involvement will create and feed new passions and before long you will type the words: I love cold-formed steel. It could happen if you let it.

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