



Minutes of January 8th, 2010 Meeting

CALL TO ORDER

President Darrell Mayes called the meeting of the Napa/Solano Chapter of ICC to order.

ROLL CALL OF OFFICERS:

President Darrell Mayes – present, Vice President Dan Kavarian – present, Secretary Gary West – present, Treasurer Gene Ashdown – present.

INTRODUCTIONS:

Self Introduction of Attendees.

APPROVAL OF THE MINUTES:

Approval of the meeting minutes from Nov. 2009 meeting.

Corrections: none

A motion was made to approve the minutes, and second. Membership approved the motion by vote.

SPEAKER OF THE EVENING:

None

ANNOUNCEMENTS:

Greg Shriver was thanked by President, Darrell Mayes, for the donation of wine on the tables for the installation dinner.

A motion was made to suspend the normal activities of the meeting and hold the installation of the 2010 officers. The motion was second, vote on by the membership and approved.

John LaTorra was introduced and spoke on the status of the International Code Council. John reported on their staffing and benefits to the chapter with the down turn to finances and economy. Details of training efforts, sponsoring training benefits, scholarship programs for

attending code hearings (North Carolina) were also presented to the membership. Merger of the different code corporations is the next focus to provide a consistent code.

John proceeded with the installation of the 2010 Napa-Solano ICC Officers. The officers that John LaTorra sworn in was Darrell Mayes- Past President, Dan Kavarian-President, Gary West-Vice President, Fred Cullum-Secretary, Gene Ashdown- Treasurer.

CORRESPONDENCES:

INSPECTORS TIME:

COMMITTEE REPORT:

Education – David Cliché

Treasurer – Gene Ashdown

CALBO – Jay Salazar

Building Standards – Steve Jenson

Standard Details – Dan Kavarian

2011 ABM – Harvey Higgs

OLD BUSINESS:

NEW BUSINESS:

INDUSTRY REPRESENTATIVES:

NEXT MEETING:

The Next meeting will be Feb. 3rd, Paradise Valley Golf Course

ADJOURNMENT

MINUTES OF February 3, 2010

CALL TO ORDER

President Dan Kavarian called February 3, 2010 meeting of the Napa/Solano Chapter of ICC to order. The meeting was held at the Paradise Valley Golf Club in Fairfield. There were 34 members and guests in attendance.

ROLL CALL OF OFFICERS

President Dan Kavarian-present; Vice President Gary West-present;
Secretary Fred Cullum-present; Treasurer Gene Ashdown-present

INTRODUCTIONS: Self-introductions were made by attendees

APPROVAL OF THE MINUTES:

Motion made to approve minutes of the January 8th 2010 meeting as submitted.
Seconded and Approved

SPEAKER OF THE EVENING:

Tomas Garcia gave a presentation on the application of the new energy standards related to residential cool roof requirements. Tom provided a simplified CF-1R-Alt-Reroof (good for all climate zones) that he developed from the standard 5-page CF-1R-Alt handout found in the Res manual. He said that the roofing contractors appreciate the CF-1R-ALT-ReRoof as it clearly states the requirements to both them and the homeowners. Cool roofs on repairs or alterations are not required where the attic insulation is R30 or greater or where attic ventilation of 1SF/150SF of vent area exists or is added AND where at least 30% of the free ventilation area is within 2 feet vertical distance of the roof ridge or buildings with a radiant barrier in the attic. Tom noted that table 151-C for Package D requirements, shown opposite page 152 in the Regulations/Standards publication, lists the solar reflectance and thermal emittance for all climate zones. The presentation also discussed the statewide effort to improve compliance with the energy standards related to HVAC changeouts. Contractor associations, industry, CSLB, and CALBO are working together to simplify and improve the process for permitting and installation of replacement HVAC systems. Tom handed out draft CF-1R-Alt-HVAC forms for Climate Zones 10 to 15 and copies of several informational forms. The final forms will be posted on the Chapter website soon. It should be noted that duct testing and HERS rater testing is now required in most climate zones. The CF-6 and CF-4 certificates are required at final and will be entered into a CEC database so information can be backchecked. After October 10th of 2010, for projects that require HERS testing, the CF forms presented at final must be a registered copy (watermark and registration number from a HERS provider). In reply to a question Tom noted that he has encouraged the CEC to publish the energy standards in a searchable/hypertext format on the CEC website. He is not sure if they will act on this suggestion. The reroof forms as

well as other CEC forms and checklists are available on the Napa Solano ICC website at: http://www.nsicc.org/ICC/Links.htm#cat_energy

ANNOUNCEMENTS

Letters have begun to go out to solicit donations to the chapter for the 2011 CALBO ABM.

CORRESPONDENCE

None

COMMITTEE REPORTS

- **Education**

David Cliché thanked Dan Kaiser for an outstanding, well-attended seminar. Dan will be teaching a half-day seminar in public works inspection. Due to the high cost of the room the seminar only broke even. Free rooms are available and were offered by Benicia and Winters. David will be sending out a survey to the membership asking what they want for upcoming offerings. Upcoming seminars are planned for the new codes and for another CASp presentation prior to the August CASp test date.

- **Treasurer**

Gene gave a report indicating that we are still financially heavy, but warned the Chapter is paying an increasing and unacceptable subsidy for the dinner meetings. Historically the Chapter has subsidized, but there has been an increase in people reserving and not showing up, which then causes the Chapter to incur the entire cost of the dinner; people who simply do not pay, and multiple people assuming they are covered by their bosses full-meal memberships. Gene said that he will revise the sign-in procedure and begin billing agencies whose employees book but do not attend. As an example, 30 people signed up for the October meeting, but only 18 showed, resulting in a large loss. A discussion ensued about ways to assure proper payment and also whether the dues and/or meal charge should be increased. Gene stressed that we do not want to deny anyone the opportunity to attend: if it is a problem for an individual, he or she should talk to Gene to see what accommodation may be made.

One of the uses of Chapter money is to fund attendance at the code change hearings, and Tom Garcia suggesting using Survey Monkey to poll the membership on continuing that practice.

- **CALBO**

Tom reminded people of the upcoming Anaheim ABM. There will be a CASp program as well a one by Jay Salazar on critical thinking for today and tomorrow.

- **Building Standards**

Commissioner Steve Patterson reported on the recent CBSC meeting focusing on the 2011 California Codes. Most proposals were approved. A judge has determined that the EIR performed for the approval of PEX water piping was flawed in that it did not address leaching from the PEX into the surrounding soil. PEX remains an approved material. Steve reminded that adoption of the California Residential Code results in the statewide requirement for sprinklers in all one and two family dwellings.

- **Standard Details**

Dan Kavarian said that work on refining the details continues.

OLD BUSINESS

NEW BUSINESS

Tom Garcia said that he will be running for the position of CALBO First Vice President and Jay Salazar for Second Vice President at the CALBO ABM. He asked for Chapter support for both of them. Motion was made, seconded and passed.

INSPECTORS TIME

Gary West said that Vallejo has historically allowed Polycell foam for fireblocking penetrations in wood frame. Polycell is now available in a fire-rated form. A question was raised as to whether gas pump islands for diesel fuel would be treated as a Class I Division 1 area for electrical installation. Consensus was that we can't control what is pumped, so should be treated as Class I Division 1.

INDUSTRY REPRESENTATIVES

None

ADJOURNMENT

There was a motion to adjourn and President Kavarian adjourned the meeting. The next meeting will be March 3 at Paradise Valley Golf Club.

Respectfully submitted,

Fred Cullum
Secretary, Napa/Solano ICC

NAPA-Solano Chapter ICC

MINUTES OF April 7, 2010

CALL TO ORDER

President Dan Kavarian called April 7, 2010 meeting of the Napa/Solano Chapter of ICC to order. The meeting was held at the Paradise Valley Golf Club in Fairfield. There were 32 members and guests in attendance.

ROLL CALL OF OFFICERS

President Dan Kavarian-present; Vice President Gary West-Absent;
Secretary Fred Cullum-present; Treasurer Gene Ashdown-present

INTRODUCTIONS: Self-introductions were made by attendees

APPROVAL OF THE MINUTES:

Motion made to approve minutes of the March 3, 2010 meeting as corrected.
Seconded and Approved

SPEAKERS OF THE EVENING: Mike Wright and Chad Scunio of Simpson Strong-Tie presented the 2010 Addendum to their current wood construction connectors, a short discussion of their full-height Anchor Tiedown systems, new testing for cracked concrete, new deck safety products and new wood-to-wood SDS connector screws with guaranteed design values along with many other new, improved products and design aids.

The 2006 CBC with the AC-308 criteria instituted a requirement that all anchors, whether using adhesive or wedges must be tested and rated for cracked as well as sound concrete. The new Simpson XP Epoxy Tie replaces the old, now discontinued Set 22 for structural adhesive.

Simpson also offers software design solutions downloadable at www.strongtie.com for selection of appropriate connectors, Strong-Wall Shearwalls and the new Strong Frame ordinary moment frame selector. Simpson offers 18 new products replacing the old familiar products with new names and new value. The discontinued products may continue to be used, and the values will be shown on the website for several more months.

The SDS Screws are now offered in stainless steel versions up to a 3-1/2" length and in a new 8" length for the original carbon-steel SDS Screw.

A new product, the Strong-Drive SD screw, has been added to use on many of the connectors in lieu of nails. The SD 9 or 10 (shank size) SD's single-connector values will exceed those of 10d common or 16d common nails.

The PAB (pre-assembled anchor bolt) is available in 1/2" and 3/4" diameters and 6" to 36" lengths with mechanically-secured double-bolts and washers. They are

available in standard and high strength versions with the diameter, length, and, if high strength, the letters HS on the head

The old MAS and MASP mudsill anchors are replaced by the MASA and MASAP (for panelized forming systems anchors. These anchors are tested for cracked concrete and have greater load-carrying capacity than the old MAS anchors and continue to replace 1/2" and 5/8" anchor bolts and 3" square plate washers.

A new Steel Strong-Wall portal connection clip increases the design values for the panels used on garage portal installations.

New deck safety products and a new, hidden, adjustable stair stringer connector were also introduced.

Mike stressed that templates must ALWAYS be used for setting anchors; that the Anchor Tiedown system cannot be mixed with any other lateral systems and noted that there are new details permitting up to 12" high field-built shear panels on top of Strong-Wall panels.

Another big-news item is the new Strong-Frame BOLTED ordinary moment frame allowing greater design flexibility and on-site, no-weld erection.

Mike also discussed the largest-ever full-size earthquake test with a seven-story condominium-type building using Simpson lateral system products in a simulated 7.5 magnitude earthquake, actually exceeding the loads experienced in the Northridge 'quake. The test can be viewed at

<http://www.strongtie.com/capstonetest>.

ANNOUNCEMENTS:

Phillips Group website now has a forum for code discussions forum at <http://www.phillipsgroup.com/forum/>. Since Naffa began charging for access to their site, Phillips has stepped in to give building personnel another option.

President Dan Kavarian attended the Redwood Empire Association of Code Officials to solicit a donation to the Napa-Solano Chapter in support of the 2011 CALBO ABM.

CORRESPONDENCE

None

COMMITTEE REPORTS

- **Treasurer**

As of February 28, 2010, the Chapter has \$5,047.22 in the checking account, \$180.61 in the savings account and \$31,973.26 in the Morgan Stanley account for a total of \$37,973.26. Current (2/28/10) paid membership is 29 full and 17 associates for a paid-up membership of 46.

- **CALBO**

Tom Garcia announced that there is a hands-on training video for the new HVAC standards on the CALBO website along with much other educational information including Power Point presentations on various subjects.

- **CALBO ABM**

Chairman Harvey Higgs announced that there will be a meeting of the committee at Suisun City Hall on April 28th at approximately 6PM. The preliminary budget and the companions' program will be discussed at that time.

- **Building Standards**

Steve Jensen said that the SBSC will have a short meeting on March 11. The Commission will only meet 4 times per year.

- **Education**

David Cliche reminded us of the upcoming Disabled Access in the Public Right of Way seminar presented by Dan Kaiser on May 25th and 26th at the Joseph A Nelson Community Center in Suisun. Public Works people are specifically encouraged to attend. Future seminars will be spread among Suisun, Fairfield and Benicia venues to give greater exposure (and have free meeting facilities). Full-day seminars will be presented back-to-back to allow all staff to attend.

There will be another CASp test on May 12.

OLD BUSINESS

Dan Kavarian suggested that since the new California Codes are coming the Chapter should do a group purchase to reduce costs. Harvey asked if it was possible to pre-pay for code purchase so they could be charged against the current Fiscal Year budgets. David said he would look into this possibility.

NEW BUSINESS

The question of sending representatives to the Dallas code hearings was raised. Dan Kasperson suggested sending one person in view of the need to be frugal to assure an outstanding CALBO ABM in 2011. This will be discussed further at the May meeting.

Gene Ashdown announced that Winters is searching for an architect to work with the City on historic structures, maintaining the character while allowing constructive use.

Harvey Higgs informed us of a new EPA requirement for certification for people doing lead remediation. This would apply to renovations on building constructed prior to 1979. EPA will require that the foreman or equivalent attend a class in lead remediation and receive a certificate verifying attendance. See www.epa.gov/lead/pubs/leadinfo.htm.

INSPECTORS TIME

None

INDUSTRY REPRESENTATIVES

None

ADJOURNMENT

President Kavarian adjourned the meeting. The next meeting will be May 5 at Paradise Valley Golf Club with a program by David Goodin of Hardy Frames, Inc. on new products.

Respectfully submitted,

Fred Cullum
Secretary, Napa/Solano ICC

NAPA-Solano Chapter ICC

MINUTES OF May 5, 2010

CALL TO ORDER

President Dan Kavarian called May 5, 2010 meeting of the Napa/Solano Chapter of ICC to order. The meeting was held at the Paradise Valley Golf Club in Fairfield. There were 31 members and guests in attendance.

ROLL CALL OF OFFICERS

President Dan Kavarian-present; Vice President Gary West-Present;
Secretary Fred Cullum-present; Treasurer Gene Ashdown-present

INTRODUCTIONS: Self-introductions were made by attendees

APPROVAL OF THE MINUTES:

Motion made to approve minutes of the April 7, 2010 meeting as emailed. Seconded and Approved

SPEAKERS OF THE EVENING: David Goodin and Nick Bingham of Hardy Frames presented their new product catalog on the HFX series of building products as well as a catalog for the Hardy Frame prefabricated Moment Frame. The new HFX series of frames complies with the requirements of Acceptance Criteria AC322, with all products tested for use with cracked concrete and capable of supporting 80% of design load after failure (no buckling). Failure occurs in the baseplate area in the welds or due to deformation of the base-no buckling. The frames and panels are both provided in either wood-frame or cold-formed steel frame dimensions. Panels can be used in a wide range of cases; one example is on exterior walls where a conventional shear wall may not be viable because of plumbing, electrical or mechanical penetrations are numerous. In that case two 24 inch panels can replace 10' of conventional shear wall. Hardy Frames also has a new 9" panel, with an allowable in-plane shear value of 905 pounds in 2500PSI concrete. Hardy Frame also has different values for different concrete strengths: 2,500; 3,000 and 4,000 PSI. Panel values can also be increased by using high-strength hold-down rods as opposed to standard. As an example one 24' panel with HS rods will equal the strength of two 18" panels with standard rods. The panels are listed for various conditions including on floor systems and for stacking. Hold-down rods for the panels are 1-1/8" diameter, although engineers can design down to lower loads with reducers for 7/8" diameter rods.

HFX Brace Frames are now stocked in only 32" or 42" widths. Hold-downs for these frames are 7/8" diameter rods, either standard grade or high strength for increased brace frame values.

Also discussed was the Hardy Frame Saddle, a product used as a splice where plumbing or other penetrations destroy the structural integrity of wood wall top plates. The saddle provides BOTH tension and compression values, with a compression value of 2500Lbs.

ANNOUNCEMENTS:

REACO

Host Committee

Phillips Group website forum

CORRESPONDENCE

None

COMMITTEE REPORTS

- **Treasurer**

As of February 28, 2010, the Chapter has \$5,047.22 in the checking account, \$180.61 in the savings account and \$31,973.26 in the Morgan Stanley account for a total of \$37,973.26. Current (2/28/10) paid membership is 29 full and 17 associates for a paid-up membership of 46.

- **CALBO**

See ANNOUNCEMENTS above.

- **CALBO ABM**

ABM Host Committee Chair Harvey Higgs reported that both the booth and the hospitality room at the Anaheim ABM were very successful, with over 300 people visiting the hospitality room. He extended thanks to all who worked on the preparations for the event and to those who worked the booth and room. He will be communicating with the committee regarding the next ABM Committee meeting.

- **Building Standards**

None

- **Standard Details**

None

OLD BUSINESS

None

NEW BUSINESS

None

INSPECTORS TIME

None

INDUSTRY REPRESENTATIVES

None

ADJOURNMENT

President Kavarian adjourned the meeting. The next meeting will be June 2nd at Paradise Valley Golf Club with a program by the Gypsum Association.

Respectfully submitted,

Fred Cullum
Secretary, Napa/Solano ICC

NAPA-Solano Chapter ICC

MINUTES OF June 2, 2010

CALL TO ORDER

President Dan Kavarian called June 2, 2010 meeting of the Napa/Solano Chapter of ICC to order. The meeting was held at the Paradise Valley Golf Club in Fairfield. There were 29 members and guests in attendance.

ROLL CALL OF OFFICERS

President Dan Kavarian-present; Vice President Gary West-Present;
Secretary Fred Cullum-present; Treasurer Gene Ashdown-present

INTRODUCTIONS: Self-introductions were made by attendees

APPROVAL OF THE MINUTES:

Motion made to approve minutes of the April 7, 2010 meeting as amended to reflect in the CALBO report that 16 Building Officials attended Legislative Day including four from Southern California. Seconded and Approved

SPEAKERS OF THE EVENING: Ben Duterte of the Drywall Information Trust Fund presented the group with the current 2009 edition of GA-600-2009, "Fire Resistance Design Manual", for gypsum sound and fire control systems and with GA-216-2007, "Application and Finishing of Gypsum Panel Products", which remains the current publication. Ben replaces Jason Fell as the Executive Director of the fund, which has served Northern California drywall contractors, architects and building departments for over 40 years. He reminded the assembly that the design and application manuals are the standards for use and application of gypsum materials in the current ICC and California Building Codes. Ben drew our attention to items 1.3, prohibiting use of gypsum board products where there will be direct exposure to water or continuous high humidity conditions, such as steam rooms, saunas, gang showers and indoor pools and to item 1.4 which prohibits use where the products will be exposed to sustained temperatures of 125 degrees F for extended periods of time. Ben said that we should pay attention to this when we have a Type I hood and duct system where cooking is essentially continuous, such as a Denny's restaurant, where higher temperature are expected for extended period such as pizza oven ducts. In those cases he recommends one of the other rated shaft systems such as 3M Duct Wrap.

Section 3 of GA-216 has standards for delivery, handling, identification and storage. Identification has become more important due to the Chinese gypsum board issue. Plastic-wrapped material should be unwrapped as soon as they are out of the weather to avoid condensation. Use of moisture-damaged materials is not permitted. Gypsum products must be stacked flat, not on the edge, and, where salamanders are used to heat a building under construction, measures must be taken to reduce the humidity produced.

Failure to address these areas of concern could result in mold propagation as well as deterioration of the panels. The new CalGreen Code also prohibits use of moist materials. Ben polled the members on whether anyone was checking for trueness of the finished walls. Many architects are specifying a maximum deviation of 1/8th inch in 10'. None answered affirmatively. Section 1, Item 11 of GA-600 covers the installation of insulation within a fire-rated floor-ceiling/roof-ceiling assembly, stating that such inclusion might reduce fire resistance; this item has an acceptable fix if this happens in a one- or two-hour rated assembly.

A question was raised about whether only cementitious board is the only acceptable material for use below the flood level in construction. Ben said that the only exception of which he is aware is Georgia-Pacific's DensShield, which is FEMA recognized for use in flood areas. In those cases regular gypsum may be used above the designated flood level. Information on the Drywall Information Trust Fund may be found at www.drywallinformation.org.

ANNOUNCEMENTS:

Glenn Schainblatt of Sebastapol, President of the Redwood Empire Association of Code Officials visited and announced that there is a joint meeting scheduled with the building and fire officials in Petaluma on June 23. Attendees will include luminaries from the State Fire Marshal's Office. The meeting must be booked by June 13. Contact Glenn at sbd@sonic.net

CORRESPONDENCE:

Another ICC Board candidate asked for Chapter support. Based on current policy, that will not be given.

COMMITTEE REPORTS

- **Treasurer**

Treasurer Gene Ashdown reported that the Chapter's finances continue to be healthy.

- **EDUCATION**

Gene reported that the May 26 Access in the Public Way seminar netted approximately \$3,200.00.

- **CALBO**

CALBO Board Member Bob Latz reported that there has, as yet, been no meeting of the Board to consider actions to take in response to the financial report and recommendations from Executive Director Matt Wheeler. Bob hopes there will be a conference call within the next two weeks. He understands the Chapter's concern about getting an answer as soon as possible regarding the 2011 ABM. He also said

that CALBO has been talking with CalChiefs about joint fire/building training programs.

- **CALBO ABM**

ABM Host Committee Chair Harvey Higgs reported that he received a call from Matt Wheeler, CALBO Administrator, asking that all work on the 2011 CALBO ABM be suspended pending future communications. Matt will be meeting with the Silverado to try to re-negotiate the contract for a later date, substituting an abbreviated business meeting following the Southern California Ed Week. This is a part of his direction from the board to look at all programs and consider revenues and costs. Matt will let us know after the board meeting, no later than June 1.

- **Building Standards**

Commissioner Steve Jensen said there has been a short CBSC meeting to meet the new temporary chair, Bill Leonard, who is the acting State and Consumer Safety Secretary. Isam Hasenin was re-appointed as vice chair. The Commission still has two vacancies.

- **Standard Details**

None

OLD BUSINESS

Dan Kasperson briefly mentioned the necessity to have the California Residential Code in hand for the upcoming CRC trainings, as many changes from the base IRC have been incorporated into the CRC.

President Kavarian asked whether reservations had been made yet for the picnic in August. He said Napa County has volunteered to barbecue, but we need a site. He will call Jay to ask if Pena Adobe is booked/available.

Gary again asked if other jurisdictions are requiring rated expansive foam for firestopping in wood frame construction at penetrations of top and bottom plates. Consensus was no: Gary will come back with additional information.

NEW BUSINESS

Dan Kavarian asked if any other jurisdictions are requiring their inspectors to be certified to inspect for compliance with green ordinances. No one else is. Dan Kasperson says that he requires receipts to show that materials used meet the minimum requirements. Dennis Corbett says that Pleasanton uses easy-to-check checklists to verify compliance.

INSPECTORS TIME

None

INDUSTRY REPRESENTATIVES

None

ADJOURNMENT

President Kavarian adjourned the meeting, thanking Glenn Schainblatt, President of REACO, for his attendance. The next meeting will be July 7, at Paradise Valley Golf Club.

Respectfully submitted,

Fred Cullum
Secretary, Napa/Solano ICC

NAPA-Solano Chapter ICC

MINUTES OF July 7, 2010

CALL TO ORDER

President Dan Kavarian called July 7, 2010 meeting of the Napa/Solano Chapter of ICC to order. The meeting was held at the Paradise Valley Golf Club in Fairfield. There were 31 members and guests in attendance.

ROLL CALL OF OFFICERS

President Dan Kavarian-present; Vice President Gary West-Present;
Secretary Fred Cullum-present; Treasurer Gene Ashdown-present

INTRODUCTIONS: Self-introductions were made by attendees

APPROVAL OF THE MINUTES:

Motion made to approve minutes of the June 2, 2010 meeting as submitted. Seconded and Approved

SPEAKERS OF THE EVENING:

Kae Ross and Luke Herman of Enalasy, a CEC-Approved Third-Party Quality Control Program for HVAC Change-Outs gave a presentation on their ground-breaking automated permitting, testing and certification program. Enalasy involves a system using tamper-proof wireless technology to test and certify compliance with the 2005 CEC HVAC change-out requirements. CEC allows HERS testing of HVAC change-outs to be as low as one in thirty installations with this system. If one test fails a second is tested; if that also fails, the regulations require: "When re-sampling reveals a failure, the builder is required to offer, at no charge to all the building owners for occupied buildings in the group to complete field verification, diagnostic testing and corrective action if necessary. Building owners may decline to have field verification and diagnostic testing and corrective action completed for the dwelling unit. The builder shall report the identifying location of any dwelling unit in which the building owner declines field verification, and diagnostic testing and corrective action to the HERS provide. The builder shall take corrective actions as required in all unoccupied dwelling units in the group and in occupied dwelling units in the group where the building owners have accepted field verification, diagnostic testing and corrective action". Enalasy also provides a permitting and verification package through greenNet.com. This system, used by City of Napa and Vacaville incorporates local fee schedule and tracks and monitors compliance on change-outs. The system is very comprehensive, and can generally be installed in a jurisdiction's permitting system in an hour or so. The Enalasy website has a lot of good information on this and on the 2005 regulations and building department's responsibilities:
<http://www.enalasy.com/Gov/>

ANNOUNCEMENTS:

None

CORRESPONDENCE:

We received a letter from IAPMO asking for support for and participation in their training offerings. David Cliché will do some research, and, if appropriate, will look into joint training opportunities.

COMMITTEE REPORTS

- **Treasurer**

Treasurer Gene Ashdown reported that the Chapter's finances continue to be healthy.

- **EDUCATION**

David reminded attendees of the upcoming July 20 CASp training looking forward to the next CASp testing of August 3rd. The Education Committee continues to work with ICC and CALBO for training for the remainder of the year. Future training will be in various locations providing free and accessible rooms: locations include Suisun, Winters, Fairfield (County facility) and Benicia's Clock Tower. Training will be concentrated in the near term on the CRC.

CALBO

President Kavarian announced that the CALBO Board has determined that they cannot go forward with the 2011 Napa ABM. They have revised the contract with the Silverado Resort to hold the 2013 ABM there. CALBO will have the annual business meeting in conjunction with the Southern California Education Week to reduce costs. The CALBO Board will reimburse the Chapter for its hard costs of \$2900+. The money we have set aside for the ABM will be set aside in a separate interest-bearing account until needed.

- **CALBO ABM**

See above.

- **Building Standards**

Commissioner Steve Jensen informed us that an Alameda Superior Court decision has set aside the approval of PEX water piping, finding that there had been a flaw in the EIR process. The Commission has directed the EIR be reopened and the issue

addressed. Local jurisdictions may still accept PEX on an individual project basis as an alternate method or material.

OLD BUSINESS

The August picnic was discussed. Napa County will be doing the cooking. Families are encouraged to attend. This is pot-luck except for the meat and drinks, which will be provided by the Chapter. Please bring your own table settings and a side dish to share.

NEW BUSINESS

The option of having the Chapter buy code books for re-sale to the members was raised again. The Chapter can get a 20% additional discount. It was agreed to poll the members about their interest in pursuing this.

INSPECTORS TIME

Harvey asked if the jurisdictions were requiring a vapor barrier under sunroom slabs. Some were allowing a surface sealer, such as ThoroSeal; others have no requirements. Some said it depends on whether the room is habitable, with insulation, heating and AC or unconditioned space. No strong consensus.

INDUSTRY REPRESENTATIVES

Brian announced the availability of a new 31-page checklist for 2005 CEC requirements. Mike announced and distributed the new catalog for Strong-Tie, incorporating changes in their moment-frame offerings. He noted there are minor changes in some of the dimensions of their ordinary moment frames.

ADJOURNMENT

President Kavarian adjourned the meeting to our picnic on August 14th. There will be no meeting at Paradise Valley in August.

Respectfully submitted,

Fred Cullum
Secretary, Napa/Solano ICC

Post Script: 23 members, guests and families enjoyed a neighborly barbeque and networking opportunity at Pina Adobe Park on August 14. Vittles arranged by Gary West with Chefs Eric Banvard and Dan Kavarian doing the cooking. Good time!

NAPA-Solano Chapter ICC

MINUTES OF September 1, 2010

CALL TO ORDER

President Dan Kavarian called the September 1, 2010 meeting of the Napa/Solano Chapter of ICC to order. The meeting was held at the Paradise Valley Golf Club in Fairfield. There were 32 members and guests in attendance.

ROLL CALL OF OFFICERS

President Dan Kavarian-present; Vice President Gary West-Present;
Secretary Fred Cullum-present; Treasurer Gene Ashdown-present

INTRODUCTIONS: Self-introductions were made by attendees

APPROVAL OF THE MINUTES:

Motion made to approve minutes of the June 2, 2010 meeting with correction that Vice President Gary West was absent from that meeting. Seconded and Approved

SPEAKERS OF THE EVENING:

Mike Wight of Simpson distributed the new Strong Wall Shearwall Prescriptive Design Guide and gave us a brief but thorough presentation on the anchorage options as well as methodology, engineering considerations and availability of software for design.

Richard Tash brought forward some of the changes we will experience with the 2010 California Residential Code and some of the conflicts between the CRC and CBC. He also pointed out that under the 2010 California Electrical Code there will be no exemptions from the AFCI/GFCI requirements for dedicated circuits with the sole exception of basement sump pumps. He said that there are significant changes from the 2007 CBC to the 2010 CRC, that many changes/errata will be forthcoming and strongly suggested that we buy some of the ICC books on both the IRC and IBC. He stressed the need for up-to-date training.

In discussion, Pleasanton and Vacaville will be plan checking and inspecting 13D residential sprinkler systems. Napa County and Vallejo are in training to provide those services. **Gary West** pointed out that the 13D system is more complex than he expected, but felt his training was comprehensive. **Dennis Corbett**, in response to a comment about the cost of larger water meters said that Pleasanton requires a 1" meter for normal 13D systems, but only charges for a 5/8" meter. **Dan Kasperson** said that Suisun also charges the lower meter rate for residential fire sprinklers.

ANNOUNCEMENTS:

None

CORRESPONDENCE:

We received a letter from IAPMO asking for support for and participation in their training offerings. David Cliché will do some research, and, if appropriate, will look into joint training opportunities.

COMMITTEE REPORTS

- **Treasurer**

Treasurer Gene Ashdown reported that the Chapter's finances continue to be healthy.

- **EDUCATION**

No report.

CALBO

President Kavarian spoke to CALBO Administrator Matt Wheeler who said we will, eventually, get our reimbursement check for expenditures on the postponed 2011 ABM. Dan said the Chapter offered the idea of providing free training to the Chapter in lieu of a cash payment, but that offer was not accepted.

CALBO ABM

See above.

- **Building Standards**

While the EIR for PEX piping has been approved and accepted, the first publication of the CPC will still show PEX as not adopted for use by HCD 1&2 or BSC. The material is, however, now an approved material for use for potable water. Some discussion ensued including the use of "Smurf Tube" (ENT for you technical types) for sleeving of PEX in concrete. The NEC does recognize ENT for encasement in concrete, so this looks like a good and practical solution to an otherwise intractable problem. The approval of PEX requires that certification be supplied by the installer: No certificate-No final!

OLD BUSINESS

Gary brought up the issue of lack of attendance at the annual picnic and suggested moving it to mid-week as furlough Fridays are becoming more common and people are going away for long weekends. We will discuss further next year.

NEW BUSINESS

The question of defraying costs to allow president Kavarian to attend the ICC ABM was raised with a motion to allot reasonable travel and lodging expenses up to \$2,000. Motion was tabled until next meeting so the President could give the Chapter an accurate estimate of costs for final approval.

Dennis Corbett announced that John LaTorra will be retiring from Redwood City after many years of service to the building inspection community. He suggested that the Chapter get a gift for both John and Karen for their service. **Greg Shriver** suggested that East Bay, Peninsula and Monterey Bay Chapters be approached to participate in providing one big gift. Suggestion approved by affirmation.

INSPECTORS TIME

Question arose as to application of CalGreen to mobile homes. Modular/Mobile homes are specifically exempted from compliance. **Eric Banvard** has been working on the codes adoption and found a number of areas of confusion between the CBC and CRC. **Richard Tash** said that after his review, bring the Green, Building and Residential Codes into coordination will be very difficult.

Dennis Corbett pointed out that Division 2 in the new CBC is the old Appendix Chapter 1 for administration: now in the body of the code.

Gene Ashdown reminded all that where a radiant barrier is specified, the radiant barrier is also applicable for gable ends.

INDUSTRY REPRESENTATIVES

None

ADJOURNMENT

President Kavarian adjourned the meeting to our regular meeting (to be confirmed) on October 6. Respectfully submitted,

Fred Cullum
Secretary, Napa/Solano ICC

NAPA-Solano Chapter ICC

MINUTES OF October 6, 2010

CALL TO ORDER

President Dan Kavarian called the October 6, 2010 meeting of the Napa/Solano Chapter of ICC to order. The meeting was held at the Paradise Valley Golf Club in Fairfield. There were 19 members and guests in attendance.

ROLL CALL OF OFFICERS

President Dan Kavarian-present; Vice President Gary West-Present;
Secretary Fred Cullum-present; Treasurer Gene Ashdown-present

INTRODUCTIONS: Self-introductions were made by attendees

APPROVAL OF THE MINUTES:

Motion made to approve minutes of the September 1, 2010 meeting. Seconded and
Approved

SPEAKER OF THE EVENING:

Brian Walker, a water resources engineer with the California Department of Water Resources (DWR) informed us of DWR's current Code update efforts in response to SB5, which was signed into law by the Governor in 2007. The California Building Standards-approved approved voluntary Code (Appendix chapter R of the 2010 CRC and Appendix Chapter K in the 2010 CBC) attempts to address two key flood threats under deep flooding conditions in the Central Valley: (1) entrapment and/or drowning due to the lack of a safe evacuation route or an evacuation location, and (2) serious injury or death caused by structural failure of walls due to unbalanced hydrostatic pressures inside and outside of the building. The approved Code applies only to single family residential (SFR) homes and assisted care facilities operated within SFR homes. For the current Code adoption cycle, DWR is developing Code updates to expand flood provisions within the Code - on a voluntary basis for now - to address the same two flood threats listed above in additional building types: educational buildings, multi-family residential buildings, hotels, motels, and assisted care facilities with more than six clients. These building occupancy groups are specifically E, R-1, R-2, R-2.1, and R-4. These updated requirements will apply in areas protected by the facilities of the Central Valley Flood Protection Plan (CVFPP) where flood depths are anticipated to exceed three feet for a 200-year flood event. DWR plans to submit the final draft language to the CBSC by January 1, 2011. The primary thrust of the current effort is directed at the levees in California. Much discussion ensued regarding how much responsibility is placed on the building official to make critical judgments such as warning time versus path of travel to

designated evacuation areas. Maps designating location of 200-Year flood prone areas and depths in response to this legislation will not be available until 2013.

ANNOUNCEMENTS:

None

CORRESPONDENCE:

President **Dan Kavarian** said that he has received a number of letters asking for support of a proposed ICC by-laws change regarding a ratification process for code changes. The by-laws amendment requires that by-laws, approved code changes and other ICC business will be subject to ratification by ONLY the designated government member or members from the jurisdiction. Generally that will be the building official and, possibly the fire official. A 60% vote would be required to overturn an approved code change. There have been cases of code change controversy over the past few years, and it is felt that this amendment adds a level of control by providing a level of dispassionate review by a smaller number of directly-involved code administrators. The amendment will be discussed at the ICC ABM in Charlotte, North Carolina and will probably be revised for clarity. Information on the by-laws change may be found at: <http://www.icc-ratification.info/>.

COMMITTEE REPORTS

- **Treasurer**

Treasurer Gene Ashdown reported that the Chapter's finances continue to be healthy.

- **EDUCATION**

David Cliche said that we have four days of training in November and December on the California Residential and Green Building Codes. Times and locations as well as sign-ups are available on the chapter website at:

<http://www.napasolanoicc.org/ICC/education.htm>

The first class for our Chapter in January will be a fire class from CALBO to apply toward reducing the amount owing the Chapter from the postponement of the 2011 CALBO ABM. After the class CALBO will determine the Chapter's profit, and then cut a check to make the Chapter whole for its outlay in marketing and preparing for the ABM: both that money and the profit from that class will be re-deposited in the ABM account.

David also announced that he and Tom have worked out a flat fee arrangement with CALBO, reducing our liability, they are also working with NFPA to arrange a similar agreement.

NFPA has contacted David regarding training in January. Discussion then ensued about the free NFPA training being provided in the Peninsula/East Bay Chapter area on the 2010 California Electrical Code including a free copy of the CEC. There is also a class scheduled for November 12 in the Sacramento area.

CALBO

No Report

CALBO ABM

See above.

Building Standards

No report

OLD BUSINESS

President **Kavarian** looked into transportation and hotel expenses and came up with an estimated cost of \$1,200 for ICC/Charlotte and \$600 for CALBO/Costa Mesa. **Dan Kasperson** (no known relation to the other DK) moved approval of a motion to grant up to \$2,000 in verified expenses for the president's attendance at the two meetings. Seconded and approved unanimously.

NEW BUSINESS

A discussion about the Sierra Club's recent mailing regarding photo-voltaic plan check and inspection fees which recommended a fee structure that would assure cost recovery was held. A survey had been done in December 2008 based on a PV installation of 3KW with a valuation of \$27,000. The survey came up with fees ranging from \$0 to \$671.

INSPECTORS TIME

INDUSTRY REPRESENTATIVES

None

ADJOURNMENT

President Kavarian adjourned the meeting to our regular meeting (to be confirmed) on October 6. Respectfully submitted,

Fred Cullum
Secretary, Napa/Solano ICC

NAPA-Solano Chapter ICC

MINUTES OF November 3, 2010

CALL TO ORDER

President Dan Kavarian called the November 3, 2010 meeting of the Napa/Solano Chapter of ICC to order. The meeting was held at the Paradise Valley Golf Club in Fairfield. There were 25 members and guests in attendance.

ROLL CALL OF OFFICERS

President Dan Kavarian-present; Vice President Gary West-Present;
Secretary Fred Cullum-present; Treasurer Gene Ashdown-present

INTRODUCTIONS: Self-introductions were made by attendees

APPROVAL OF THE MINUTES:

Motion made to approve minutes of the October 6, 2010 meeting. Seconded and
Approved

ANNOUNCEMENTS:

David Cliche said that Brian Walker of California Department of Water resources is pushing to get the new voluntary standards adopted by CBSC in December in the following building types (in addition to the already approved voluntary standard in Appendix R of the 2010 CRC and Chapter K in the 2010 CBC): educational buildings, multi-family residential buildings, hotels, motels, and assisted care facilities with more than six clients. These building occupancy groups are specifically E, R-1, R-2, R-2.1, and R-4. These updated requirements will apply in areas protected by the facilities of the Central Valley Flood Protection Plan (CVFPP) where flood depths are anticipated to exceed three feet for a 200-year flood event.

CBIA is working with CALBO and DWR to ask that approval be delayed until the next triennial code cycle. In some cases the DWR guidelines produce up to a 25' depth of inundation. The maps are not due until 2012, so DWR has not had adequate input, as most jurisdictions are unaware of the DWR boundaries for levee failure. Currently DWR's work is outside the purview of FEMA, but DWR may go to FEMA with the new 200-Year flood maps. This will potentially have a huge impact on many areas in the state.

The current guidelines (see Appendix Chapter R in the 2010 CRC) are too vague and place too much reliance on the judgment of the building officials, who will be working from insufficient data and history.

CBIA is taking the lead in this request for delay.

Glenn Schainblatt, President of the Redwood Empire Association of Code Officers presented a special Certificate of Excellence to our President **Dan Kavarian**. Ask Dan what the award was actually for.

Glenn also said that he had heard from ICC that ICC was going to raise prices on education for State-specific (CRC, CBC) training. Chair **David Cliche** said this was the first he'd heard of that and he would follow up with ICC and get back to us.

COMMITTEE REPORTS

- **Treasurer**

Treasurer Gene Ashdown reported that the Chapter's finances continue to be healthy.

- **EDUCATION**

David Cliche said that he is in the process of calendaring training for next year. He said he wants to provide training that WE want, so please contact him at dwcliche@solanocounty.com with your ideas prioritized in order of need. There was a request for a sprinkler design class.

Information on training is available at:
<http://www.napasolanoicc.org/ICC/education.htm>

David also that the flat fee arrangement with CALBO, to reimburse the Chapter for expenditures on the postponed 2011 ABM by providing training by providing the first class free is now in effect.

OLD BUSINESS

President **Kavarian** reported on the ICC ABM: the proposed By-Law change was disapproved by the membership. ICC is doing better financially and is applying for and receiving federal grants. Jimmy Brothers is the new president of ICC, replacing Ron Ivy.

NEW BUSINESS

The Chapter Installation Dinner is tentatively scheduled for January 7, 2011: Peninsula Chapter's dinner is on January 14 and East Bay Chapter's is on January 22.

In the absence of Past-President Darrell Mayes, the nominations report was: Past President Dan Kavarian; President Gary West; Vice President Fred Cullum; Treasurer Gene Ashdown; Secretary Linda Young. Further nominations from the floor were solicited by the president. With no additional nominees a motion was made to cast a unanimous ballot for all the nominees; the motion was seconded and carried unanimously.

INSPECTORS TIME

Lots of good questions this month.

Gene asked for a follow-up on who is requiring fire-retardant caulking at top plates. Vallejo and Davis require this. Dan Kavarian said that fire-resistant caulking is not required in non-rated assemblies. Several questions came up regarding location of gas vented appliances under the current mechanical code; gas line pipe height above grade in the plumbing code; expansion tank requirement for residential water heaters on sprinklered single-families (due to check valve on water service) and test pressures on PVC piping. The new Vice President said he would ask John LaTorra, Northern California's plumbing and mechanical guru to attend an upcoming meeting.

NOTE: Mr. LaTorra has agreed to be the Guest Speaker at our March 2, 2011 meeting. Please make a note and bring your most vexing questions for him.

Additional scheduled speakers are:

On February 2, 2011, Bob Carter, California Architect Board's Architect Consultant will address the services CAB offers to building departments and discuss the Board's enforcement procedures;

On April 6, 2011, John Taecker of Underwriters will be at our April 6 meeting primarily to discuss field certification of industrial equipment, but also to take any UL-related questions.

INDUSTRY REPRESENTATIVES

None

ADJOURNMENT

President Kavarian adjourned the meeting. Our next meeting will be the Installation Dinner on January 7, 2011 at the Paradise Valley Golf Course.

Respectfully submitted,

Fred Cullum
Secretary, Napa/Solano ICC