

## **MINUTES OF FEBRUARY 2, 2005**

**CALL TO ORDER:** (6:00 PM) President Dan Kasperson called the February 2, 2005 meeting of the Napa/Solano Chapter ICC to order.

**INTRODUCTIONS:** (6:05 PM) Self-introductions were made by 33 members.

**ROLL CALL OF OFFICERS:** (6:10 PM) President: Dan Kasperson--present, Vice President: Paul Siegel -present, Treasurer: Tom Garcia --present, Secretary: Carlos Silva--present.

- A. Report to members on past years budget
  - 1. Past years income
  - 2. Years expenditures
  - 3. Total money in account
  - 4. Actual budget numbers to be available at next months meeting.
- B. (6:15 PM) Break for dinner
- C. (6:35 PM) Reconvene

### **SPEAKER PRESENTATION: (6:35 PM)**

Speaker, Steve Quigley of Pinnacle Builders spoke on pressure treated lumber and connections. Some of the highlights he touched on were:

- A. Types of Pressure Treated applications.
- B. Names and types of various liquid materials that are being utilized out in the field and how to identify them.
- C. Types different connectors utilized in the field.
- D. Mr. Quigley proceeded to answer questions from the audience

### **CORRESPONDENCE:**

- A. Notice from John Latorra, our liaison to I.C.C.
- B. CALBO update from Sheila Lee:
  - 1. Education Standards
  - 2. Two new Board Members sworn in
  - 3. Discussion of the adoption of NFPA 5000 by Steve Jensen, adoption date of August 1, 2005

- C. CALBO notification about deadlines approaching for nomination of Building Official of the year, to be presented at the annual meeting to be held in March in Yosemite.
- D. Jay Salazar, member of the ICC Code Interpretation Committee for IRC, made a short presentation on the duties and actions of the committee.

### **COMMITTEE REPORTS:**

#### Education Committee:

- A. Seminar in Vacaville on Accessibility, Chapter 1134B, May 3, 2005 . See web site for more information.
- B. Questions on seminar on NEC –
- C. Standard Details Committee – no discussion
- D. CALBO/CBSC – no discussion

### **OLD BUSINESS:**

- A. Budget issues discussed
  - a. Be more protective on expenditures
  - b. Increase interest on investments

### **NEW BUSINESS:** New Business:

- A. Discussions regarding the Chapter to donate \$1000.00 to the Tsunami Relief Fund per the discretion of the Board followed.
  - a. A motion from the floor was presented voted upon and failed.
  - b. A proposal from the floor was made to include in the yearly budget a set amount for donations. Further discussions will take place at future meetings.

### **INSPECTOR TIME:**

- A. Discussions took place regarding what other jurisdictions are doing to protect inspection staff while conducting sheathing inspections, especially during wet periods of the year.
- B. Question was asked regarding plumbing traps and grease interceptors – Discussion took place.

### **INDUSTRIAL REPRESENTATIVE TIME:** None

**MEETING ADJOURNED 7:40 P.M.**

Next Meeting on March 2, 2005

Respectfully Submitted,

Carlos H. Silva, Sr.  
Chapter Secretary

## **MINUTES OF MARCH 2, 2005**

**CALL TO ORDER ( 5:45 PM ):** Vice President Paul Siegel called the March 2, 2005 meeting of the Napa/Solano Chapter ICC to order.

**ROLL CALL OF OFFICERS:** **President:** Dan Kasperson, City of Suisun – absent; **Vice President:** Paul Siegel, City of Dixon – present; **Secretary:** Carlos Silva, Solano County – absent/Dave Brandenberry filled in for Carlos; **Treasurer:** Tom Garcia , City of Fairfield – present.

**INTRODUCTIONS:** Self-introduction of approximately 30 members and 1 guest were made.

**APPROVAL OF MINUTES:** The minutes of the February 2, meeting was approved as sent.

**BREAK FOR DINNER ( 6:00 PM )...**Vice President Paul Siegel reconvened the meeting back around 6:22 PM .

**ANNOUNCEMENTS:** President Dan Kasperson is at the CALBO Annual Business meeting in Yosemite .

What is happening at the BSC?

Meeting of the Coordinating Council to discuss the recommendations on resolutions to issues relating to the estimated timeframe related to NFPA 5000 adoption. More to follow at the next meeting.

**SPEAKER INTRODUCTION:** Vice President Paul Siegel, City of Dixon , introduced our guest speaker for the evening, Mr. Steve Duddles of Simpson Strong Tie. Steve is here to discuss the latest information on Simpson products. Steve will discuss pressure treated lumber issues. Some of the issues Steve spoke about are differences between ZMAX and hot dipped galvanized products; guidelines for selecting the proper type of connector; the Quick-Code reference column; the Titan HD threaded anchor; the new HDQ8 hold down using SDS fasteners; and the new steel strong-walls.

**OLD BUSINESS:** Tom Garcia , Treasurer, will be moving Chapter savings from low yield interest account into ladder CD bearing higher rates. Tsunami relief was discussed and a decision was made to wait since the Red Cross has stated they have all the money they need at this time.

**NEW BUSINESS:** None

**INSPECTOR TIME:** Tom Gonzales of Solano County is retiring Friday, March 25. Tom spoke about past employment with many agencies and spoke to his retirement plans. Two jobs are available – Inspector in Fairfield and Senior Inspector in Napa.

**INDUSTRY TIME:** None

**COMMITTEE REPORTS:**

1. David on Education; check the web page and check for e-mails from David on upcoming seminars:( see attachment to these minutes)
2. Dan K. is at CALBO; Tom Garcia re: Coordination Council regarding NFPA 5000 going to Building Standards Commission. Testimony appears in favor of I-codes.
3. David Cliché reported that the Electrical and Accessibility Seminars are postponed but could possibly be rescheduled in April.

Electrical code update: 3/31/05

**CORRESPONDENCE:** Next speaker will be Mike McDonnell with Roseburg Forest Products from Oregon will discuss approved manufacturer wood products for their Roseburg Framing System.

**ADJOURNMENT:** ( 7:45 PM ) Motion to adjourn and seconded, Vice President Paul Siegel adjourned the meeting.

Respectfully submitted,

**Paul Siegel**  
Vice President  
&  
**David Brandenberry**

**Seminar Attachment**

CALBO is offering a Means of Egress class at the Ulati Creek Cultural Center on March 30th.

**Date of Class:** 3/30/2005

**Class Time:** 8:30:00 AM - 5:00:00 PM

**Description:**

1997 UBC Basic Means of Egress A full-day presentation of the basic exiting requirements of Chapter 10, 1997 UBC. The new provisions for maximum travel distance, exit width, occupant load, separation of exits, and exit passageways

are discussed as they relate to the new three-part means of egress system. Students will be provided with practical exercises during the class. Participants should bring Vol. 1, 1997 UBC. This course applies toward the Building Official, Field Inspector, Design Professional, Counter Technician, and Plans Examiner Credential. Instructor - Jay Salazar, Building Official, City of Vacaville

**Special Requirements:**

**Fees:**

Non-Member: \$145

Member: \$125

**Location:**

City of Vacaville, Ulati Cultural Center, 1000 Ulati Drive, Vacaville

## **MINUTES OF APRIL 6, 2005**

### **CALL TO ORDER ( 5:50 PM )**

President Dan Kasperson called the April 6, 2005 meeting of the Napa/Solano Chapter ICC to order. There were 25 members and 1 guest speaker in attendance.

### **ROLL CALL OF OFFICERS**

President: Dan Kasperson--present, Vice President: Paul Siegel -present, Treasurer: Tom Garcia --present, Secretary: Carlos Silva--absent.

### **SELF-INTRODUCTIONS: ( 5:52 PM )**

Self-introductions were made by 25 members.

### **APPROVAL OF THE MINUTES**

The March 2005 minutes were approved.

### **COMMITTEE REPORTS: ( 5:55 PM )**

Check out the web page for the latest information: [www.napasolanoicbo.org](http://www.napasolanoicbo.org).

David Cliché said there is a free electrical seminar and please check the web site for details. It is going to be held at the Hilton Garden Inn. Secondly, there is going to be an ADA seminar on May 9, and it will cover Chapter 11A and 11B. It is going to be taught by the Building Official from San Diego (Isam).

The CBSC rescinded the NFPA 5000 Building Code. The State of California will now proceed with adoption of the I Codes.

We broke for dinner at 6:10 PM .

### **SPEAKER OF THE EVENING ( 6:30 PM )**

**The speaker was Mike McDonnell of Roseburg Forest Products**

**We are a privately held timber company based in Roseburg, OR since the 1930's. We manufacture plywood, particleboard, lumber studs and now Engineered Wood; our engineered product line to includes RFPI-Joists, RigidLam LVL, RigidRim Rim Board and RigidFloor Underlayment.**

They are a company in Oregon, and they have 700,000 acres in Oregon and 300,000 in California of forestland. They have a Roseburg framing system for engineered lumber. They have evaluation reports on their products; the ICC Reports are ESR 1251 and ESR 1210. They also have an APA performance standard, ESR 1405. Mike went through their product manual and discussed their I-joist system. The most common are the RFPI

30, 50, 70, and 90. Their I-joist system is very similar to the TJI joist systems we are familiar with. Please check out their website for more information at [www.rfpco.com](http://www.rfpco.com).

**OLD BUSINESS: ( 7:10 PM )**

None.

**NEW BUSINESS: ( 7:10 PM )**

The Chapter secretary, Carlos Silva, is leaving Solano County and will no longer be on the Executive Board. We are looking for members of the Chapter who would be interested in serving. Until a replacement for Carlos is found, Paul Siegel will perform the job of Secretary.

The August Chapter picnic will need a hosting city. Please talk among your staff to determine if this is something that will interest you. We'll need a crew to host the picnic, another group to run the fun and games, and another to do the barbecue, and another to do the refreshments. More on this at the next chapter meeting.

**INSPECTORS TIME: ( 7:20 PM )**

Harvey Higgs of Benicia asked how many cities provide ladders to their inspectors for roof inspections. The consensus was that contractor's were to provide ladders for the inspectors rather than the inspectors providing ladders.

Jay Salazar of the City of Vacaville gave a presentation on requirements for tactile exit signs. That was very informative.

There was discussion on the interest in the accessibility community to provide access to residential housing, sometimes referred to as "universal design." There was considerable discussion and diverse views on this subject.

There was discussion on the CALBO ABM. Harvey Higgs discussed a conversation he had with an HCD employee at the business meeting, that manufactured homes are the responsibility of HCD, even after they're built. An example Harvey gave was that years later when a re-roof permit would be required, the permit should be issued by HCD and not the Building Department.

**INDUSTRY REPRESENTATIVE: ( 7:20 PM )**

None.

**ANNOUNCEMENTS: ( 7:25 PM )**

Dan Kasperson made an announcement that the California Department of Housing and Community Development currently permits the use of CPVC water pipe inside residential buildings where the local Building Official makes a determination that it is needed where there could be a premature failure of metallic pipe due to existing water or soil conditions. The Department is proposing to amend this by removing this requirement



for a “finding” by the local Building Official. The result of removing this requirement would be to allow on a State-wide basis the option of using CPVC pipe instead of metallic pipe without the need for the “finding requirement.”

The Chapter members felt that this was a good thing to do and did not have any concerns about using CPVC as residential water piping.

A reminder that the next meeting will be held at the Solano Napa Builders Exchange on May 4.

Solano Napa Builders Exchange  
Our speaker will be Jason Fell of the  
Gypsum Association.

**ADJOURNMENT: ( 7:30 PM )**

There was a motion to adjourn and a 2nd. The meeting was adjourned by President Dan Kasperson at 7:30 PM . The next meeting is on May 4, 2005 at the Solano Napa Builders Exchange.

Respectfully submitted,

Paul Siegel  
Vice President/Secretary

## **MINUTES OF May 4, 2005**

### **CALL TO ORDER ( 5:40 PM )**

President Dan Kasperson called the May 4, 2005 meeting of the Napa/Solano Chapter ICC to order. There were 40 members and 1 guest speaker in attendance.

### **ROLL CALL OF OFFICERS**

President: Dan Kasperson--present, Vice President/Secretary: Paul Siegel -present, Treasurer: Tom Garcia –present.

### **INTRODUCTIONS: ( 5:41PM )**

Self-introductions were made by 40 members. The President of the Napa Builders Exchange spoke on what the building exchanges do for contractors. There are 29 builder exchanges in California . They put out a weekly magazine and they do seminars. They help contractors with workman compensation and tax planning. They recently began offering all information on their web site for reviewing of projects, and that has been the most important thing they have done in years providing a service to the construction industry.

### **APPROVAL OF THE MINUTES**

The April minutes were approved.

### **SPEAKER OF THE EVENING ( 6:30 PM )**

Jason Fell from the Drywall Information Trust Fund. He handed out the 17<sup>th</sup> Edition to the latest Fire Resistance Design Manual.

- See page 3 to see where the Design Manual is referenced by the code and standards writing organizations.
- See page 28 for what design standards have been deleted and what the new standards are. There are 49 new wall details.
- See pages 8 and 9 for the explanation of installation instructions for drywall.
- Another item he talked about is that drywall should no longer be used as shear panels.
- And secondly that drywall cannot be used in plenums because of mold issues.
- Drywall's fire-resistance is based on its ability to hold moisture (drywall typically holds 5 to 6 pounds of water) and where the temperature is above 125 degrees, consistently the dry wall will calcinize. Calcinizing is the loss of water from the drywall. Once the water leaves the drywall, its fire resistance is diminished.

- [www.usg.com](http://www.usg.com) is a good web site to visit.
- [www.gypsum.com](http://www.gypsum.com) is another good one.

Jason discussed what is new in the world of gypsum.

- Green Board is being phased out because of mold. It will be replaced by a USG product called Blue Board which is mold resistant and humidity resistant.
- USG is coming out with something called Fiber Rock which is a paperless gyp board. No paper means that there is no fiber for mold to feed on.
- Another product is Aqua Tough and that is to be used in saunas.
- There is also another product called Quiet Rock and this a gypsum board with laminated layers that will be used to comply with STC ratings for sound, used typically in schools, sound studios, and apartment complexes.
- If you need to contact him, the phone number is 408-221-2892 or at Jason@drywallca.com.

**OLD BUSINESS: ( 7:15 PM )**

None.

**NEW BUSINESS: ( 7:20 PM )**

The annual picnic will be in August. Napa has volunteered to do barbecue and Fairfield will do the steaks. We still need someone to do games. Dan Kasperson talked about some correspondences he has received from the ICC about the Chapter registering its information and he said he would provide the information to ICC.

**INSPECTORS TIME: ( 7:30 PM )**

- There was a discussion on home-built saunas and how to vapor-proof them.
- There was a discussion on outdoor cooking areas and do they require the same electrical requirements that a kitchen would have. The general consensus was no, that they are excluded from the electric code items for kitchens.
- There was a discussion on the court cases on improper stucco installation.

**INDUSTRY REPRESENTATIVE: ( 7:35 PM )**

None.

**ANNOUNCEMENTS: ( 7:35 PM )**

There is a building official job in Solano County and an inspector position for Solano County . There is also a building official job for Napa County .

**COMMITTEE REPORTS: ( 7:40 PM )**

Check out the web page for the latest information: [www.napasolanoicbo.org](http://www.napasolanoicbo.org). On Monday, May 9, there is an accessibility seminar put on by our Chapter.

**ADJOURNMENT: ( 7:50 PM )**

There was a motion to adjourn and a 2nd. President Dan Kasperson adjourned the meeting at 7:50 PM . The next meeting is on June 1, 2005 at the Paradise Valley Golf Course.

Respectfully submitted,

Paul Siegel  
Vice President/Secretary

## **MINUTES OF June 1, 2005**

### **CALL TO ORDER (5:45 PM)**

President Dan Kasperson called the June 1, 2005 meeting of the Napa/Solano Chapter ICC to order. There were 34 members and 1 guest speaker in attendance.

### **ROLL CALL OF OFFICERS**

President: Dan Kasperson--present, Vice President/Secretary: Paul Siegel -present, Treasurer: Tom Garcia –present.

**INTRODUCTIONS:** (5:49 PM) Self-introductions were made by 34 members .

### **APPROVAL OF THE MINUTES**

The May 4, 2005 minutes were approved.

### **COMMITTEE REPORTS: (5:49 PM)**

Education Committee spoke on the Accessibility Seminar which was held at the Hilton Garden Inn. It was very successful.

Building Standards Committee:

1. Housing Community Development, new accessibility standards go into effect July 1, 2005. Ten percent of the units need to be accessible and adaptable.
2. Urban Wildlife Interface New Standards: a) Roofing (72 lb cap sheet) within the wildlife interface.– requires a 72 lb. cap sheet; b) Gutters (non-combustible); c) Vents (no eave vents).
3. CALBO Report: The CTI training offerings other than educational week will be provided. Meeting in Sacramento with to find a representative for the Legislature to help CALBO gain exposure in Sacramento.
4. ICC Report on the annual business meeting.

### **DINNER BREAK (6:00 PM)**

### **SPEAKER OF THE EVENING (6:25 PM)**

Donna Dessoir, Environmental Scientist from Fairfield-Suisun Sewer District, spoke on grease traps. The goals of the evening were to cover the basics of grease traps. There are many new high-tech means of controlling grease. She felt that grease traps work better. Some of the things that you need to be concerned about are the temperature of the water being too hot, and the flow rate of the water entering the interceptor. Interceptor cleaning and venting are also of importance. One of the typical problems she has seen is that the installation of the interceptor was put in backwards. The correct installation is where the large compartment is first in line from the building with the smaller compartment further downstream. Typically sizing of grease traps is done by UPC. Other areas of concern are access areas to traps. Many times the grease interceptors are buried underneath sinks

and are impossible to open for maintenance. A lot of the new research is to find new high tech means of removing FOG (Fats, Oils, Grease).

**INSPECTORS TIME: (7:00 PM)**

Dan asked an inspector question – “Do the two kitchen circuits that are 20 amp circuits require 20 amp receptacles?” The overwhelming consensus was “No.”

**OLD BUSINESS: (7:05 PM)**

Tom said that Fairfield will do steaks and games for the picnic. The date for the picnic will be sometime in August. More information will follow at the next meeting.

**NEW BUSINESS: (7:06 PM)**

None

**INDUSTRY REPRESENTATIVE: (7:07 PM)**

None

**ANNOUNCEMENTS: (7:08 PM)**

There are going to be some Title 24 changes that come into effect October 1. There are going to be classes on the Title 24 changes at seven different locations.

**ADJOURNMENT: (7:10 PM)**

There was a motion to adjourn and a 2nd. President Dan Kasperson adjourned the meeting at 7:10 PM. The next meeting is on July 6, 2005 at Paradise Valley Golf Course.

Respectfully submitted,

Paul Siegel  
Vice President/Secretary

## **MINUTES OF July 6, 2005**

### **CALL TO ORDER ( 5:45 PM )**

President Dan Kasperson called the July 6, 2005 meeting of the Napa/Solano Chapter ICC to order. There were 28 members and 1 guest speaker in attendance.

### **ROLL CALL OF OFFICERS**

President: Dan Kasperson--present, Vice President/Secretary: Paul Siegel -present, Treasurer: Tom Garcia –present.

**INTRODUCTIONS: ( 5:45 PM )** Self-introductions were made by 25 members.

### **APPROVAL OF THE MINUTES**

The June 1, 2005 minutes were approved. Dan Kasperson stated that the minutes were professionally done.

### **COMMITTEE REPORTS: ( 5:47 PM )**

The Education Committee had no reports. The CBSC Committee spoke about the upcoming agenda items. See the California Building Standards' web site for information. The CALBO committee had no report.

### **NEW BUSINESS: ( 5:50 PM )**

We discussed that our By-Laws will need revision to reflect that we are now a Chapter of ICC. A current copy of the By-Laws is available on the first page of our web site. Please review for any changes that may be needed, or any additions that you would like to see made. Discussions about this topic will be held at the September meeting.

### **ANNOUNCEMENTS: ( 5:55 PM )**

The picnic will be held at Pena Adobe Park in Vacaville on August 5. A flyer will be e-mailed to you the week before the picnic. Everyone brings a side dish. No alcohol is permitted. The members thought it would be a good idea to have a salsa dip contest, so bring your favorite salsa dip. The winner will be honored with applause.

### **OLD BUSINESS: ( 5:59 PM )**

None

### **INDUSTRY REPRESENTATIVE: ( 5:59 PM )**

None

### **INSPECTORS TIME: ( 5:59 PM )**

None

### **DINNER BREAK ( 6:00 PM )**

### **SPEAKER OF THE EVENING ( 6:30 PM )**

Doug Beaman, private consultant, and he also contracts with PG&E to do Title 24 Energy seminars around the state, was the speaker. His website is [doug@dougbeaman.com](mailto:doug@dougbeaman.com). Doug discussed the upcoming changes to the 2005 Title 24 Residential Standards. The standards will go into effect on applications for building permits after October 1, 2005 . For a copy of the standards, you can go to [www.energy.ca.gov/title24](http://www.energy.ca.gov/title24), which is the California Energy Commission's web site. Doug recommended that all members sign up for the "Blueprint" which is the CEC's monthly newsletter.

Some of the items that Doug discussed were that the new energy standards will require any permit applied for after October 1 to have the new standards incorporated into them. Subdivisions are not excluded from this requirement. So if a builder applies for a building permit on Lot 50 of a subdivision after October 1, the new standards would apply for that lot.

The new program for calculating energy standards will calculate energy use based on time of day valuation. Impact will be greatest on homes with large cooling loads or conservation features that reduce cooling loads. The impact can be either positive or negative.

Doug discussed duct insulation for Zone 12 - duct insulation is R6. This is not a mandatory measure, so it can be traded off for other conservation measures.

Doug discussed that the standards are based on minimum Federal standards; therefore, from October 1 until January 23, 2006 , the SEER 10 rating for cooling units will apply. But after January 23, 2006 , the Federal standards change and increase from SEER 10 to SEER 13.

The most important issued discussed by Doug was that duct testing will now be required for change-outs for heating and air conditioning units. Energy Standards are starting to address energy efficiency of existing homes and businesses as well as new buildings. Currently the state-wide average duct leakage in existing residential systems is 28-35%. Doug showed a series of photos of typical problems in residential ducts and how to identify leaks. When a new residential HVAC change-out is performed, duct systems must be tested and sealed. This applies to climate zones 2, 9, 10, 11, 12, 13, 14, 15 & 16. After the installation of the new system, the contractor must test all ducts and submit a CF6R to the building department. In addition, a HERS rater verifies one out of seven contractor installations and will submit a CF4R to the building department.

Doug was very impressed with the City of Lodi and their strong HVAC rules.

Doug discussed lighting issues and the quality of insulation issues. Doug encouraged all members to take the class presented around the State. You can contact the PG&E Energy Training Center in Stockton at 800-244-9912 for class schedules.



**ADJOURNMENT:** ( 7:30 PM ) There was a motion to adjourn and a 2nd. President Dan Kasperson adjourned the meeting at 7:30 PM . The next meeting is on September 7, 2005 at Paradise Valley Golf Course.

See you at the picnic!

Respectfully submitted,

Paul Siegel  
Vice President/Secretary

## **MINUTES OF SEPTEMBER 7, 2005**

### **CALL TO ORDER ( 5:47 PM )**

President Dan Kasperson called the September 7, 2005 meeting of the Napa/Solano Chapter ICC to order. There were 25 members and 1 guest speaker in attendance.

### **ROLL CALL OF OFFICERS**

President: Dan Kasperson—present, Vice President/Secretary: Paul Siegel –present, Treasurer: Tom Garcia—present.

### **INTRODUCTIONS: ( 5:49 PM )**

Self-introductions were made by 22 members.

### **APPROVAL OF THE MINUTES**

The July minutes were approved.

### **OLD BUSINESS: ( 6:15 PM )**

None.

### **INSPECTORS TIME**

None.

### **INDUSTRY REPRESENTATIVE**

None.

### **COMMITTEE REPORTS: ( 6:18 PM )**

The Building Standards Committee gave an update on the progress of the ICC codes. They're looking at April 2006 to complete the code changes and then a 12-18 month review period with adoption to follow. There was discussion that there would be an internet version to help facilitate the final draft.

The State Office of Emergency Services is preparing to help in the Gulf Coast relief effort. The state is divided up into 5-6 regions with each region containing a Safety Assessment Coordinator. The Coastal Region, which we are a part of and is the location of our SAP (Safety Assessment Program) coordinator. Our coordinator recently retired from Monterey County . Our alternate coordinator region is Santa Cruz and our alternate SAP coordinator is located there. For informational purposes, our SAP coordinator is Richard Stubendorff and can be located by e-mail at [rstubendorff@ci.santa-cruz.ca.us](mailto:rstubendorff@ci.santa-cruz.ca.us) or by phone at 831-430-5127.

### **SPEAKER OF THE EVENING ( 6:30 PM )**

Neil Anderson, an engineer of swimming pools, was the speaker of the evening. He has engineered over 20,000 pools and handles questions on soils, design, materials, as well as working on forensic issues that relate to failed swimming pools. If you have any questions, Neil Anderson and his team are always available to help you by calling 209-

367-3701. Neil demonstrated the strength of a 2" x 4" light-weight concrete beam with two pieces of rebar located near the edge of one part of the concrete beam by stepping on the beam that was supported on each end of a wooden A-frame. The beam was able to support his weight which was over 250 lbs, but when he reversed the beam so the rebar was face-down, the beam shattered with only one foot placed on it. This demonstration showed how important the vertical rebar is in resisting the soil pressures put on a pool. The pressures on a pool are typically from expansive soils. He said that 3 inches of concrete cover on reinforcement is critical in swimming pool design. The more expansive the soil, the more vertical rebars are required to resist the pressures.

He said swimming pools typically do not crack because they do not dry out since the concrete is always moist. Neil said swimming pools do not settle because the weight of the earth that was removed to create the space for the swimming pool is almost twice the weight of the water in the pool. Therefore the pool, with water, is lighter than the earth that was removed. Typically, the pool deck is what rises from expansive soil pressures, which may have the same impression as if the pool was settling. Another area of concern was pools lifting out of the ground due to water pressure below them. Many pools today have pressure release valves to blow off water pressure beneath them.

#### **NEW BUSINESS: ( 7:20 PM )**

The Chapter is looking for nominees for the secretary position. It has been the policy of the board to require or request that only building officials be board members in the last few years since the ICC adoption process has been in conflict. Next month we will make nominations for the position of secretary.

Dan Kasperson, President, discussed possible donations to the Red Cross, Salvation Army, or to the ICC Foundation for the victims of Hurricane Katrina. Dan recommended the ICC Foundation which gives 100% of its donations to rebuilding or assisting with ICC members or ICC related issues. A motion to donate \$2,000 to the ICC Foundation was made from the floor and seconded, and passed by the majority of the members present. It was agreed to later consider further donations for relief efforts.

#### **ANNOUNCEMENTS: ( 7:40 PM )**

There is a new position available in Solano County . It is a Senior Building Inspector position. Contact David Cliché.

There is a new position available at the City of Dixon for a Plans Examiner I. Contact the Human Resources Department at 707-678-7000.

The speaker for October will be TJI Joist from Weyerhaeuser. Their presentation will focus on the proper truss joist production, installation, and focusing on TJIs beams and headers. Review of field problems, overview of new products and changes to existing products, overview of TJ shear panels installation and field problems will also be discussed.

**ADJOURNMENT: ( 7:52 PM )**

There was a motion to adjourn and a 2nd. President Dan Kasperson adjourned the meeting at 7:52 PM . The next meeting is on October 5, 2005 at the Paradise Valley Country Club.

Respectfully submitted,

Paul Siegel  
Vice President/Secretary

## **MINUTES OF OCTOBER 5, 2005**

### **CALL TO ORDER ( 5:45 PM )**

President Dan Kasperson called the October 5, 2005 meeting of the Napa/Solano Chapter ICC to order. There were 22 members and 1 guest speaker in attendance.

### **ROLL CALL OF OFFICERS**

President: Dan Kasperson – present, Vice President/Secretary: Paul Siegel – present, Treasurer: Tom Garcia – present.

**INTRODUCTIONS: ( 5:47 PM )** Self-introductions were made by 19 members.

### **APPROVAL OF THE MINUTES**

The September 2005 minutes were approved.

### **COMMITTEE REPORTS: ( 6:15 PM )**

- CALBO has deployed 25 people to Jackson County, Mississippi to perform safety assessments on behalf of OES and FEMA. OES is now requesting another 30 to 100 people to New Orleans for up to 14 days. We are still scrambling for volunteers. Please see if you can spare an inspector and contact your section coordinator. Contact Dan Kaiser at 909-736-2250 for details.
- CALBO received ICC merit chapter award during the Detroit ABM.
- CALBO is continuing our effort to build alliance with the League of Cities. We are having a booth at the League of Cities conference in San Francisco this week.
- Jim Miller from Riverside County is appointed to the Contractor State Licensing Board to fill Tony Elmo's seat.
- DSA advisory appointment – CALBO has provided three candidates: Craig Oliver, Tony Elmo, and Roger Sharp to DSA.
- HCD Focus Group meeting – October 12, 10 to 3 pm at 1901 Broadway, Suite D, Sacramento. The purpose is to solicit input on the process to the development of the building code.
- SFM's Building Code workgroups kickoff meeting on September 21 – over 30 people attended the meeting.
- September 21 Building Standards hearing –
  - SFM's proposed emergency Urban Wildland interface phase II ordinance was approved. It will become effective in 2008.
  - HCD's emergency building standards pertaining to SB1025 was approved. (See the DSA website dissertation on the new requirements for ADA and multi-family.)
  - DSA's building standards pertaining to SB1025 was pulled from the agenda.
  - There are over 2000 public comments on the proposed 2003 UMC & UPC. May extend the current code adoption date.

**SPEAKER OF THE EVENING: ( 6:24 PM )**

Randy Raatz, Technical Representative for Trus Joist, covered the review of proper Trus Joist product installation, focusing on TJIs beams and headers. He reviewed typical installation field problems. He provided an overview of new products and changes to new products, and an overview of TJ-Shear panel installation and field problems.

**NEW BUSINESS: ( 7:33 PM )**

The Nominating Committee has selected the following members for Board positions for 2006: President-- Paul Siegel ; Vice President--Tom Garcia; Secretary--Steve Jensen from the City of Napa ; and Treasurer--Dan Kasperson. The treasurer position will be a multi-year service.

Dan Kasperson attended the ABM in Detroit . News from the Business Meeting was that ICC and IAPMO have formed a joint partnership to look into the creation of a plumbing and mechanical code. The MOU for this joint partnership is on the IAPMO web site. The ABM Board of Director John LaTorra presented our donation of \$2,000 to the Katrina Relief Fund.

**INSPECTORS TIME: ( 7:36 PM )**

Tom Garcia spoke on the new energy standards that went into effect October 1, 2005 . Tom said to check the energy commission web site. He also suggested checking CALBO'S web site for a letter that can be provided to HVAC contractors and homeowners on duct sealing.

**OLD BUSINESS: ( 7:45 PM )**

None.

**INDUSTRY REPRESENTATIVE: ( 7:45 PM )**

None.

**ANNOUNCEMENTS: ( 7:45 PM )**

The next meeting will be held on November 2, and the guest speaker will be someone from Watt Stopper. This will be the last meeting of the year, and we will be electing new officers, so please join us.

**ADJOURNMENT: ( 7:46 PM )**

There was a motion to adjourn and a 2nd. President Dan Kasperson adjourned the meeting at 7:46 PM .

Respectfully submitted,

Paul Siegel  
Vice President/Secretary

## **MINUTES OF NOVEMBER 2, 2005**

### **CALL TO ORDER ( 5:39 PM )**

President Dan Kasperson called the November 2, 2005 meeting of the Napa/Solano Chapter ICC to order. There were 32 members and 1 guest speaker in attendance.

### **ROLL CALL OF OFFICERS**

President: Dan Kasperson – present, Vice President/Secretary: Paul Siegel – present, Treasurer: Tom Garcia – present.

**INTRODUCTIONS: ( 5:40 PM )** Self-introductions were made by 29 members

### **APPROVAL OF THE MINUTES**

The October minutes were approved.

### **ANNOUNCEMENTS: ( 5:40 PM )**

The International Code Council will be presenting the 2006 codes forum March 20-22 in Sacramento .

### **SPEAKER OF THE EVENING ( 6:15 PM )**

Brian Friedel of the Watt Stopper, which is a company that makes lighting controls that comply with the new Title 24 building energy efficiency standards, presented a Power Point presentation detailing the changes to the code and how their products provide solutions. The main changes in the energy standards for lighting controls are multi-level lighting controls, daylight areas, skylights, lighting control acceptance, and exterior lighting control.

- Multi-level lighting controls – minimum of two levels of control and can dim all lamps or step switch alternate lamps or alternate rows of lights.
- Daylight areas – these are areas which are 250 sf or greater, must control 50% of the power in the daylight area lighting separately from other lighting in the enclosed space.
- Skylights – Skylights are now required in conditioned or unconditioned spaces greater than 25,000 sf under roof with ceilings greater than 15 feet and LPD greater than .5 watts per sf must have greater than 50% floor area in daylight area under skylights WOW!!! Exceptions are climate zones 1 and 16, theatres, museums, and refrigerated warehouses.
- Lighting control acceptance – mandates certification of lighting controls before occupancy permit granted. Acceptance testing performed on automatic daylight controls, lighting controls, automatic lighting controls and occupancy sensors.
- Exterior lighting controls – permanent outdoor lighting shall be controlled by photo-cell or astro time clock. Exceptions are garages, tunnels, and large covered areas. Building facades, parking lots, garages, sales, and non-sales canopies, and outdoor sales areas with two luminaries need automatic time switches.

New inspection requirements: Plans and specifications submitted with permit applications must provide acceptance requirements for code compliance of each feature, material, component, or manufactured device.

Within 90 days of final occupancy permit, issued record drawings must be provided to building owner. Brian had a contest in which he gave away different lighting controls to inspectors who were picked at random.

For further information, see the Watt Stopper website which is [www.wattstopper.com](http://www.wattstopper.com). For further information on the new energy standards, see [www.energy.ca.gov](http://www.energy.ca.gov). You can call Brian Friedel, the District Sales Manager, if you have any questions, at 925-454-8234, or e-mail [brian.friedel@wattstopper.com](mailto:brian.friedel@wattstopper.com).

**COMMITTEE REPORTS: ( 7:22 PM )**

Nomination Committee – David Cliché presented the nominations for the Chapter: President – Paul Siegel ; Vice President – Tom Garcia; Secretary – Steve Jensen; and Treasurer – Dan Kasperson. The Treasurer position will be a multi-year position. One member from each jurisdiction was permitted to vote for the nominations. All positions were elected.

The Treasurer Report stated that we had a balance of \$37,990. Membership fees for next year will be \$110 for jurisdictions and \$40 for membership that does not include the cost of dinner. It has been decided that jurisdiction memberships will be by total numbers of inspectors rather than by specific inspectors' names. This will allow any member of that city's jurisdiction to use the dinner benefit that comes with the \$110 membership. We encourage all jurisdictions to sign up for the \$110 per year membership cost for each inspector.

**OLD BUSINESS: ( 7:28 PM )**

None.

**NEW BUSINESS: ( 7:28 PM )**

January 6, 2006 has been selected as the date for the installation dinner.

**INSPECTORS TIME: ( 7:33 PM )**

None

**INDUSTRY REPRESENTATIVE: ( 7:33 PM )**

None

**ADJOURNMENT: ( 7:33 PM )**

There was a motion to adjourn and a 2nd. President Dan Kasperson adjourned the meeting at 7:33 PM . The next meeting is on January 6, 2006 at the Installation Dinner at the Paradise Valley Golf Course. All members and spouses, or guests of members, are invited at no cost. There will be no December 2005 meeting.



Respectfully submitted,

Paul Siegel  
Vice President/Secretary