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**MINUTES OF JANUARY 7, 2000**

**CALL TO ORDER (6:00 PM)**

President Harvey Higgs called the January 7, 2000 meeting of the I.C.B.O. Napa-Solano Chapter to order at approximately 6:00 P.M. This was the night of the installation dinner and was held at the Legends and Heroes Banquet facilities at the Paradise Valley Golf Course in Fairfield. Many members and their guests were present. Outgoing President, Harvey Higgs, was the Master of Ceremonies for the event. Harvey thanked everyone for attending. He also thanked the board members and general membership for supporting him throughout the year.

The guest speaker was Fred Cullum, Building Official for the City of Burlingame, and our chapter liaison to ICBO. Fred installed the following members: President, Eric Walter; Vice-President, Paul Siegel; Secretary, David Cliche; and Treasurer, Tom Garcia. Fred then presented Harvey Higgs and Eric Walter with an ICBO pin.

Outgoing Vice-President Eric Walter presented Harvey Higgs with a Gavel of his own from the chapter in thanks for his outstanding job as Chapter President. Harvey was famous for leaving the Gavel at work and not bringing it to the meeting.

Eric gave an acceptance speech in which he thanked all chapter members for supporting him. Eric gave a speech on the importance of have a structured building code and inspection process in this Country to assure safety in construction for life, limb, and property. Other countries may have a structured building code but lack the code enforcement, or may not have any structured building code at all, as evident of the events shown in World News today.

Eric presented dinner gift certificates to the BuckHorn restaurant in Winters to Tom Garcia, Paul Siegel, and Richard Tash for all of their continued support and service to the chapter. Eric presented a dinner gift certificate to Harvey Higgs to attend his favorite restaurant in Napa because Harvey likes the cheese potatoes so much.

**ADJOURNMENT: (8:00 PM)**

There was a motion to adjourn and a 2nd. President Eric Walter adjourned the meeting at 8:00 PM

Respectfully submitted,

David Cliche

## MINUTES OF February 2, 2000

### CALL TO ORDER (5:55 PM)

President Eric Walter called the February 2, 2000 meeting of the I.C.B.O. Napa-Solano Chapter to order at 5:55 P.M.

**ROLL CALL OF OFFICERS:** All Officers were present except for Secretary David Cliché. He was absent due to an illness.

**APPROVAL OF MINUTES:** The Minutes of the January 2, 2000 installation dinner meeting were approved with no amendments or corrections.

**OLD BUSINESS:** (Agenda Adjustment) President Eric Walters proposed setting aside money in the chapter budget for the Code hearings in Atlanta. In addition, individuals interested in getting chapter support for the code hearing trip should contact board members. The consensus was that the board should decide on how much to budget and who should be given chapter assistance to attend the code hearings.

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

### RECONVENE: (6:27 PM)

The Speaker John Barber ([jbarbersls@aol.com](mailto:jbarbersls@aol.com), 1-888-657-3802) was introduced by Vice President Paul Siegel. Mr. Barber is a manufacturer's sales representative and was speaking on water hammer arresters and applications of Uniform Plumbing Code Section 609.10, Water Hammer. The following is a synopsis of Mr. Barber's presentation:

Mr. Barber defined water hammer as a noise made on closing a valve of a noncompressible liquid. Typical causes of water hammer are hand operated, spring, and solenoid valves. Normally water is travelling at 5-10 feet per second at 60 pounds per square inch. When water hammer occurs the water velocity and pressure increase to 4500 feet per second 400 pounds per square inch respectively. In the past air chambers were used to control water hammer, but some jurisdictions restrict or prohibit the use of air chambers. Currently the piston style arrester is a generally accepted method of controlling water hammer. The organization that sets the standard for arrester performance is the Plumbing and Drainage Institute.

It is the opinion of the manufacturer that arresters are not required to be accessed via an access panel. According to an engineering report by Sioux Chief Manufacturing Company, since an approved arrester is required by ANSI/ASSE 1010 Standard to provide continuous protection from water hammer without maintenance, access panels shall not be required.

The California Code matrix adopts UPC section 609.10 including a number of agencies except for HCD. Therefore, water hammer mitigation is not required for residential occupancies regulated by HCD.

Damage caused by water hammer includes, but is not limited to, splitting of reducer valves, separated pipes, loosened fasteners and water heater damage. In order to be effective an arrester should be installed within 6 feet of the water hammer source.

## **NEW BUSINESS: (7:01 PM)**

### **Dinner Cost:**

Treasurer Tom Garcia explained the reasons for the \$18 dollar per cost person for the dinner and indicated he was working on reducing the cost to \$ 16 per person. He took an informal survey asking the membership how many felt the \$18 dollars per person was too high: Six out of twenty present felt the cost was too high. He asked the membership for their input regarding dinner costs. Debbie O'Neal stated that she had a \$15.85 proposal from Pietros Fairfield. Harvey Higgs recommended checking into the Banquet room at JJ Norths. Eric Walter stated that Napa will have new facilities coming on line in the near future. Dan Kasperson thought that the current cost was too much for what we received. Steve Hupner thought that \$3 increase since the last cost increase seemed comparable to general inflation. Harvey Higgs felt that the decision on cost should be left with the Board of Directors.

### **Plan Review Committee:**

President Eric Walter announced the formation of a Plan Review Steering Committee. The steering committee would be responsible for organizing and establishing procedures for a Plan Review Committee. The Steering committee members are Tom Garcia, Dick Miller, Eric Walter, and Jay Salazar (Chairperson). Eric stated that , once established, the Plan Review Committee would not be a policy making body. There were a number of suggestions from the floor regarding how the committee could be structured. Maury MacKenzie recommended that plan review inquiries be posted to the chapter website and then set up the web site such that one could read opinions of various respondents to the inquiry. Eric Walter made it clear that the committee would be open to everybody. Any recommendations or suggestion regarding the committee should be directed to Jay Salazar.([jsalazar@ci.vacaville.ca.us](mailto:jsalazar@ci.vacaville.ca.us)).

## **INSPECTORS TIME:**

The recommendation was made that chapter members start bringing their Code books to the meetings.

### **Electrical:**

Electrical Service Change out: Are jurisdictions requiring a bond wire to hot and cold water as well as gas pipes?

Vacaville is bonding to gas and cold pipes.

Fairfield is bonding to gas and cold pipes.

### **Carpentry:**

Eric Walter pointed out that pressure treated wood requires corrosion resistant fasteners. Section 2304.3.

Brian Johnston pointed out that MASA anchors can be used in lieu of 5/8 inch diameter anchor bolts. He also stated that Thermoply is an ICBO approved shear wall material.

### **Fire resistive construction:**

Eric Walter stated that Jay Woodward of ICBO would require in a Type II-1 hour building,

bearing walls to have the proper opening protection but would not require nonbearing partitions inside a building to have opening protection.

**Water heaters:**

Jose Jaimes of Davis stated that all water heaters are required to be strapped but that the Division of State Architect's handout was not a required method of strapping.

**COMMITTEE REPORTS:**

**Education Committee:**

Harvey Higgs announced 3 upcoming seminars:

Residential Electric Code Inspection for One and Two Family Dwellings - March 14 and 15 (a two day seminar).

REGISTRATION DEADLINE IS FEBRUARY 18<sup>TH</sup>.

Multifamily and Light Commercial Seminar will go over the key elements of the code to properly do commercial inspection. May 9th and 10th ( 2 day seminar)

REGISTRATION DEADLINE IS APRIL 14<sup>TH</sup>.

Mechanical Code seminar October 14th and 15th.

**ADJOURNMENT: (7:47 PM)**

There was a motion to adjourn and a 2nd. President Eric Walter adjourned the meeting at 7:47 PM.

Respectfully submitted,

Jay Salazar for David Cliche

## MINUTES OF March 1, 2000

### CALL TO ORDER (6:00 PM)

President Eric Walter called the March 1, 2000 meeting of the I.C.B.O. Napa-Solano Chapter to order at 5:55 P.M.

President Eric Walter Circulated a Condolence Card to the Chapter to Give to Bill Turgeon.

President Walter thanked Jay Salazar and Debbie O'Neal for helping with the minutes and Margret Ricci for helping Tom Garcia.

**ROLL CALL OF OFFICERS:** All Officers were present except for Secretary David Cliché and Vice and Treasurer Tom Garcia.

**APPROVAL OF MINUTES:** The Minutes of the February 2, 2000 meeting were approved with no amendments or corrections.

### BREAK FOR DINNER: (6:03 PM)

### RECONVENE: (6:33 PM)

The Speaker Matt McCabe of Simpson Strong-Tie Company, Inc., ([www.strongtie.com](http://www.strongtie.com), 1-800-999-5099) was introduced by Vice President Paul Siegel. The following is a synopsis of Mr. McCabe's presentation:

The most common problem for the new Simpson Strongwall is misalignment for the anchor bolt template. Any modification to the Strongwall sill plate automatically voids the warranty. Simpson strong tie recommends that anchor bolts be 5/8" diameter and 12 inches long.

Mr. McCabe brought special attention to footnotes "i" and "p" on page 5 of the 2000 catalog. Foot note "i" states that bent steel will not carry the loads indicated in the catalog. Footnote "p" states that not all hangers are appropriate uses.

Corrosion resistance related to treated wood is covered by a special note at the bottom of page 6 of the Catalog. The note states that galvanized connectors should not be placed in contact with treated wood unless the wood is verified to be suitable for contact with that type of nail. Simpson cannot warranty the performance of their galvanized connectors with treated wood. His main point was that a MAS on a sill plate may corrode and hangers connected to treated wood would have a reduced service life.

Simpson has a new device that can be used to properly align Strap Tie Holdowns. The "Strapemate" can be found on page 23 of the new catalog.

The Biggest failure related to Simpson epoxy anchors is the mixing of the epoxy and not the cleaning of the hole.

**OLD BUSINESS:** (7:20) President Eric Walter asked for feedback on other meeting locations. If anyone has any ideas please E-mail or call any of the officers.

**NEW BUSINESS:** (7:23 PM) None

### INSPECTORS TIME:

Plumbing: Pete Trockey sought input regarding a plastic pipe product –Aquapex. The County of Napa will allow its use from a manifold to one plumbing fixture. Jose' from the City of Davis

suggested that Pete call the City of Fresno, Sam Markin. According to Jose' Fresno has been using the product for years.

Fire Resistive Construction: Maury Mackenzie indicated that Uniform Building Code Section 601.5 exceptions to Table 6-A provides and exception for the fire resistive construction of fixed partitions in office buildings.

**COMMITTEE REPORTS:** (none)

**ADJOURNMENT:** (7:41 PM)

The April speaker will be from the Contractors License Board at Legends and Heroes.

There was a motion to adjourn and a 2nd. President Eric Walter adjourned the meeting at 7:47 PM.

Respectfully submitted,

Jay Salazar for David Cliche

## **MINUTES OF APRIL 5, 2000**

### **CALL TO ORDER (6:00 PM)**

President Eric Walter called the April 5, 2000 meeting of the I.C.B.O. Napa-Solano Chapter to order at approximately 6:15 P.M. Eric welcomed back the secretary of the Chapter, David Cliché, after his stay in the hospital.

### **ROLL CALL OF OFFICERS**

Officers that were present at the meeting was Eric Walter-President, Paul Siegel-Vice President, David Cliché-Secretary, and Tom Garcia-Treasurer.

### **INTRODUCTIONS (6:15)**

President Eric Walter introduced our guest speaker, Greg Armstrong.

### **APPROVAL OF THE MARCH MINUTES**

Motion to approve the minutes by President Eric Walter, 2<sup>nd</sup> motion by Jose Jaimes of the City of Davis.

### **OLD BUSINESS**

(None)

### **NEW BUSINESS**

President Eric Walter proposed that our next meeting, on May 3, 2000, be held in Napa at the Trancas Steak House located at 999 Trancas Street, just off of Highway 29. The cost of the dinner would be \$17.00. Tom Garcia announced that in September there is to be an ABM golfing tournament in San Francisco. Between now and September, at least once a month, the golfers in the chapter will get together and find out what their handicaps are and through the process of elimination, pick the four best golfers to play in the tournament. Tom proposed that the chapter pay for the golf fee's for the ABM tournament. The vote for the fees will be at the next chapter meeting.

### **INSPECTORS TIME**

Jose Jaimes, of the City of Davis, brought up that the vent length of an attic furnace vent, category (1) appliance, shall be (6) feet minimum according to the Gamma Tables. Bud Yates, City of Vacaville, and Joe Wiiller, American Canyon, brought up that the code states the minimum length of vent is (5) feet. Jose brought up the fact that this is the manufacturer's installation requirement. Jose also brought up that he has seen the vent and or cap altered to fit and once they have been altered, the listing is no longer good.

Eric Walter brought in a product that is used to space rebar from earth, as an adobe would, made from plastic. A small section of rebar is cut and put in the ground and this plastic apparatus is then attached to the top of this piece of rebar. Your horizontal steel is then placed at the top of this piece of plastic, which locks the steel in place, and then you may adjust your clearances to earth by either pushing the small piece of rebar further into the earth or pulling it up. The plastic acts as an isolator for corrosion between the piece of steel in the ground and your horizontal steel. Anyone who knows the name of this product, please let us know.

### **ADJOURN FOR DINNER (6:45)**

## **SPEAKER OF THE EVENING**

Vice President Paul Siegel introduced Greg Armstrong from the Contractors State License Board, the Statewide Investigation Fraud Team. Greg has worked for the State contractors License Board for fifteen years, has been an investigator for all of that time and now supervises this unit of the board. In Northern California there are eight investigators that cover (51) counties. Greg's group takes issue with workmanship items and violations of State License Law, not code items. The investigators rely on the Building Inspectors for information regarding building codes. The State Contractors License Board relies on information from the Jurisdictions to conduct investigations on unscrupulous contractors. We now have a booming economy which means the underground economy is booming from unlicensed contractors, cash pay contractors even legitimate contractors cutting corners by under reporting workers comp. or not carrying workers comp. at all. The underground economy is billions of dollars a year.

The new registrar for the department is Dr. Lance Barnett, who has decided that the most efficient way for the agency to run is to centralize operations; a lot of the old branch and district offices have been closed down. Agents are now working out of their homes or have become mobilized with modern technology. Agents can now get out to job sites quicker and be more efficient to handle the complaints. Legislation has just approved 2.3 million dollars to implement a new major fraud unit as an addition to the agency. This new unit will focus on such projects as Public Works projects and contractors operating without a license or operating off of someone else's license. The agency has asked for our help in curbing illegal activity by just making a phone call and providing information and they will do the rest. Last year 2200 citations were issued on unlicensed contractors alone.

Building departments are the agencies priority calls. The contractor's board is made up of (13) members. There are members from the public, from the industry in all sectors, and one position for a Building Official. Due to changes in administration, at the moment there are (6) vacant positions, including the position for the Building Official.

The agency is raising the bar for contractors to acquire a license. In the past, the required four years experience could be provided by certificates, signed by others, under penalty of perjury. But many of these slipped through the cracks. The agency is now proposing that these certificates be issued by the agency for the experience, so that the agency will be able to audit the employer who has stated that the applicant has worked for them. Thus providing a safety net for the Contractors License Board to verify experience on the applicant.

Tom Garcia brought up the on going problem with pest control agencies that perform work and do not hold the proper license. Greg stated that the pest control agencies work under their own regulations and are not regulated by the State Contractors License Board. He did state that if they are performing structural work, they are performing outside their regulations, but now how does an individual define structural. If a jurisdiction is in question weather or not a pest control agency is operating outside their regulations, you may call the contractors board and they will determine if a contractor's license is required.

Pete Trockey and Bruce Gunn brought up the issue of holding up a permit issuance after July 1<sup>st</sup> if a contractor does not hold a home improvement certification and Greg stated that as a jurisdiction we should because they are not certified by the State Contractors License Board and would be performing that work illegally. The HIC will be stamped on their pocket card; they will be holding a certificate and the contractors holding such certificates will be on the States web page. After July 1, 2000, it will be a violation of the contractors License Law to perform home improvement work in excess of \$500, either as a prime or subcontractor, without holding the Home Improvement Certification. The Board has been offering the test, an open book exam with no fee, over the internet at [www.cslb.ca.gov](http://www.cslb.ca.gov), which is up to (4) weeks faster than taking the test elsewhere. If there are questions regarding this test you may phone the Board or e-mail to: [lbcslb@vmail.teale.ca.gov](mailto:lbcslb@vmail.teale.ca.gov).

Bruce Gunn asked the question if a licensed roofer came in for a permit and held that specialty license, do they still have to have the HIC certificate. Greg stated that all contractors after July 1<sup>st</sup> should have an HIC certificate. It was brought up that the people that will take the heat for not issuing a permit are the jurisdictions, because we are on the front line. The problem being is that we want to follow the administrative requirements of the law and if the law doesn't say that we are prohibited from issuing a permit, what authority do we have not to issue. Greg stated that the law reads that a contractor can not enter into a home improvement contract until the contractor is so certified by July 1<sup>st</sup>. This law is in effect to protect the consumer. Greg said those contractors who do not have their HIC certificates by July 1<sup>st</sup>, and are standing at your counter waiting for their permit, are in violation and may contact the State License Board and take the test and come back the next day to pick up their permit. The contractors have been notified via quarterly newsletters, mailing notifications, upon renewal of a license or at local meetings.

State Contractors Board also addresses workmanship items that are not necessarily code items under B & P 7109, poor workmanship or deviation from plans and specifications. Greg showed a short film by a local TV station on one investigation of a scam on a home remodel. If you want to get in contact with Greg, you may contact him at;

**Greg Armstrong/Supervising Investigator**

**Contractors State License Board**

**Northern-Region**

**9821 Business Park Drive**

**Sacramento, CA. 95826-9117**

**Phone (916) 255-2924 Fax (916) 369-7265**

**[garmstrong@cslb.ca.gov](mailto:garmstrong@cslb.ca.gov)**

#### **INDUSTRY REPRESENTATIVES:**

None

#### **COMMITTEE REPORTS:**

Plan Review Committee – Please continue to submit your comments and recommendations to Jay Salazar. We are continuing to work out the process and procedures for the committee. Any suggestions you can e-mail any of the officers or Jay Salazar, when the process is somewhat worked out, Jay will come back next month and let us know the approach that will be proposed.

Education Committee – The next seminar will be the 9<sup>th</sup> and 10<sup>th</sup> of May for Multi Family and Light Commercial and will be held in Vacaville and is a two day seminar.

Bruce Gunn and Harvey Higgs attended the Palm Springs Calbo meeting last month. Bruce was involved in two committees, one was the nomination committee, and Steve Mitchell who is our Calbo Liaison member here was nominated and elected as the Second Vice President. We now have Steve Paterson as our President, Linda Haynes as the 1<sup>st</sup> Vice President and Steve Mitchell as our 2<sup>nd</sup> Vice President. A new Board member for Calbo is Brad Brent from Chula Vista. Bruce also chaired the resolutions committee; an interesting resolution was brought forth from Don Clark, a past Calbo President, which has to do with the family of codes to be adopted in the State of California. Don has gotten a petition of over 230 names of Building Officials that is going to be sent to the Building Standards Commission, basically asking for the adoption of a single family of codes, and this means codes that do not conflict with each other. A member of ICBO gave his State of the union by saying that the State of California is going to be in bad shape, we are adopting the Uniform Plumbing Code, the Uniform Mechanical Code, both published by IAMPO, the International Building Code, International Residential Code, published by the ICC, the National Electrical Code, and Western Fire Code. These codes do not work together. There is a committee called Code 2000, 1<sup>st</sup> phase was to try and decide which code we should adopt, 2<sup>nd</sup> phase was unclear and 3<sup>rd</sup> phase is to basically take all the codes and go through every section

that is conflicting and rewrite code in the State of California so that it will work for us. ICBO has already said they will not publish the document, so the State of California is going to have to publish the document, all the amendments that ICBO has always done in the past. We are not sure how the code is going to read. Codes have been prescriptive in the past and the upcoming codes, in general are going more to the performance phase. We may never truly see the ICC codes in the State of California.

Bruce Gunn will be attending the ICC Code Development Committee Hearings in Birmingham, Alabama during the week of April 9<sup>th</sup>. He will be reporting back to us on those hearings.

**ADJOURNMENT:** (8:00 PM)

There was a motion to adjourn and a 2nd. President Eric Walter adjourned the meeting at 8:05 PM.

Respectfully submitted,

David Cliche

Secretary

## MINUTES OF MAY 3, 2000

### CALL TO ORDER (5:53 PM)

President Eric Walter called the May 3, 2000 meeting of the I.C.B.O. Napa-Solano Chapter to order at approximately 5:53 P.M.

### ROLL CALL OF OFFICERS

Officers that were present at the meeting were Eric Walter-President, Paul Siegel-Vice President, David Cliché-Secretary, and Tom Garcia-Treasurer.

### INTRODUCTIONS (6:15)

### APPROVAL OF THE MARCH MINUTES

Motion to approve the minutes by President Eric Walter, 2<sup>nd</sup> motion by Chuck Pratt of Solano County.

### BREAK FOR DINNER (6:16)

### SPEAKER OF THE EVENING (6:45)

Vice-President, Paul Siegel, introduced the Speaker of the evening, Rusty Willis. Rusty is from the National Tile Roofing Manufacturer Association and also represents Monier Tile. The tile manufacturers are located predominately in the Sun Belt states and the Association is a small association, due to the fact that the tile roofing companies are a small part of the industries. Tile is the roofing choice throughout the world. Concrete roofing tiles are a product that is intended to last a lifetime. If the product is installed as per the manufacturer installation instructions, the roof is intended to last a lifetime. The association has for years traveled throughout the world to inspect the installation of tile roofs to verify the manufacturers installation recommendations have been followed.

Rusty passed out a MonierLifetile installation guide with an ICBO report. Monier and Lifetile were at one time separate companies. In August of 1997 the two companies merged to become MonierLifetile. When the two companies merged, Monier sold several manufacturing plant throughout the United States. A couple of those plants were sold to Westile. In the process, Monier's ICBO report ER-2093 was also given to Westile and in March of 2000, Westile applied with the ICBO to have the ICBO report number listed under the Westile name. The report issued in January of 1999 has Monier's name on it and the current report has Westile's name on it. Monier is applying for a new ICBO report number and many of Monier's new products are not listed as of yet. So at this time, Monier does not have an approved report number for its product line. Monier is hoping to have a new ICBO report number in the next couple of months. Currently Monier is doing business under the Westile ICBO report number. A couple of the jurisdictions in attendance suggested that Monier send a letter, on Monier letter head, to all Building Departments. The letter should state the situation, note that they are currently under review with ICBO, and outline approximately when a new NES report will be available.

Rusty reviewed some of the new installation recommendations that Monier has. One of those changes is the installation of the battens. One of the new applications is called Counter batten application where there are vertical battens laid on 24 inches on center and then horizontal battens are installed over the top of the vertical battens at 14 inches on center. Another subject covered was ponding and how the underlayment should be installed. Rusty also discussed the proper way to flash valleys and the proper way to install Ridge Trim. There area (4) ways that Monier recommends to install Ridge Trim; Bed and point system, Mortar at Board system, MonierLifetile Rubber Ridge closure material, and MonierLifetile Ridge closure strip.

## OLD BUSINESS

(None)

## NEW BUSINESS

(None)

### **INSPECTORS TIME**

Maury MacKenzie asked the question of how to achieve the percentage of under floor ventilation using the mechanical method. The consensus was that you are relying on the design from the mechanical engineer or contractor to meet the minimum code. Once a mechanical system is installed, most of the time you will have more air flow in the under floor than by conventional vent method. Assuring that what vents you are able to put in are spaced equally around the perimeter of the foundation.

Eric Walter discussed the deluge system over glazed openings in occupancy separations in corridors. There is an exception in the code, under Atria, to allow this type of system for interior glazed openings. Jim Hodges stated that ICBO felt uncomfortable with this type of system on exterior openings and the ICBO report currently in effect is for interior openings only, with a minimum of a 36 inch pony wall below the opening to assure that object are not placed in front of, or in contact with the glazing.

Bruce Gunn brought up the fact that they are currently faced with the decision of approving this type of system. He has asked that the developer provide a list of (4) jurisdictions that have approved this type of system, in a comparison example, plus see if the IBC has addressed it and find out if the *NES* report is still valid and then if Bruce feels comfortable with those items, then he will approach their Fire Marshall and see how they feel about the system.

### **ABM GOLF TOURNAMENT DISCUSSION:**

Tom Garcia recently sent an E-mail to everyone to see if they were interested in trying out for the golf team that will be playing in San Francisco during the ABM. Tom did receive some responses that the money be spent on something that would include everyone in the chapter for camaraderie. Bill Turgeon brought up the fact that non-profit funds might be better-spent getting tee shirts that match or provide a scholarship program for someone that is attending college for the inspection field.

Tom Garcia brought a motion forward to vote on weather the chapter should sponsor a foursome to the ABM golf tournament. The motion was second and there were (6) votes yes and (3) votes no. The yes votes approved sponsoring a foursome to the ABM golf tournament.

### **INDUSTRY REPRESENTATIVES:**

(None)

### **COMMITTEE REPORTS:**

The Plan Review Committee did meet last month and did make progress on how the committee will be structured. Please continue to submit your comments and recommendations to Jay Salazar. We are continuing to work out the process and procedures for the committee. You can e-mail review suggestions to any Chapter Officer or Jay Salazar. At next months meeting Jay will discuss the committee procedures.

Education Committee – Harvey Higgs- The next seminar will be a two day Mechanical Code seminar in October held at the Three Oaks Community Center located on Alamo Drive in Vacaville. At Three Oaks we are limited to (40) people so get your name in early. There will be an additional one day seminar that is yet to be chosen. Harvey will mail a flyer out in June.

Bruce Gunn gave a report on the ICC Code Development Committee Hearings that were held in Birmingham, Alabama during the week of April 9<sup>th</sup>. Overall the voting seemed to go very well

and the Building Officials seem to be voting their consciences. Bruce passed out a flyer that showed what code sections were voted on and what action was taken. There was a conflict in the International Building Code where they were trying to put some electrical provisions in the code. The electrical provisions that they were trying to put in had to do with NM Cable in high rises. Apparently in parts of the country they have been doing this for years and have not had a problem. Every time they have tried to make that code change in the NEC they have been unsuccessful, and they were going to be unsuccessful in getting it in the IBC until someone stood up and said he belonged on the committee and every time it is brought before them it is stonewalled and they feel they do not get a fair hearing. With that the ICC put an end to the International Building Code. This has set up a possible problem between the International Building Code and the NFPA. Bruce provided a copy of a web page from the Internet titled, "NFPA Building Code: History in the making. The web page is found on [http://buildingcode.nfpa.org/History\\_in\\_the\\_Making.html](http://buildingcode.nfpa.org/History_in_the_Making.html). Everyone needs to access this web site and pay attention to who the partners are. The NFPA is proposing a Building Code. ICBO and the NFPA are still negotiating, and would still like to be partners, but that is not going too well. Bruce feels that we are loosing the code fight. The jurisdictions may not get the vote they need, due to the fact that the NFPA code committees are mostly made up of industry and unions. The Napa/Solano ICBO Chapter sent comments to the CALBO President, ICBO, ICC, SPCCI, NFPA and whoever else the Chapter President felt we needed to send it to, before the deadline date of May 5, 2000. Tom Garcia felt that we need to get involved at the League of California Cities level and as far up the government level as we can using CALBO. If the NFPA does produce a building code that is approved, this could mean the destruction of the ICBO, BOCA and SPCCI, and we would then have to enforce a document that we all do not want to enforce. Bruce feels that we are fragmented and possibly need to become one organization, ICC, and elect a board of directors so that we are all in one organization, and maybe that's the only way we will beat the NFPA. The way it is going now, we could all have problems. Someone from CALBO or the ICBO needs to be doing something.

Jim Hodges of ICBO reiterated what Bruce brought before the chapter. If the NFPA document comes about, Jim stated, that as a Building Official and a Jurisdiction, we will have no voice in the changing of codes. Jim asked that everyone access the ICBO web site for information regarding this subject. The Building Officials need to be represented during these code hearings so that a code we would all like to enforce would be possible. For information on upcoming meetings, please contact Jim or the Building Standards Commission.

President, Eric Walter asked for a vote for approval to draft a letter to send out to the organizations regarding these issues and the vote was unanimous. Dan Kasperson, City of Suisun, made a motion that the Chapter officers contact NFPA and express our opinion that the NFPA should not pursue development of a consensus Building Code. Bruce Gunn made a second and the vote was unanimous.

**ADJOURNMENT:** (8:00 PM)

There was a motion to adjourn and a 2nd. President Eric Walter adjourned the meeting at 8:05 PM.

Respectfully submitted,

David Cliché  
Secretary

## **MINUTES OF JUNE 7, 2000**

### **CALL TO ORDER (6:00 PM)**

President Eric Walter called the June 7, 2000 meeting of the I.C.B.O. Napa-Solano Chapter to order at approximately 6:00 P.M.

### **ROLL CALL OF OFFICERS**

Officers that were present at the meeting were Eric Walter-President, David Cliché-Secretary, and Tom Garcia-Treasurer. Paul Siegel-Vice President was out of town.

### **INTRODUCTIONS (6:15)**

### **APPROVAL OF THE MARCH MINUTES**

President Eric Walter asked if there were any corrections to last month's minutes. Bruce Gunn, City of Napa, made a correction to the minutes as follows; the abbreviation of SPCCI as shown in the minutes should have been SBCCI, Southern Building Code Conference International. The other correction is in regards to the report that Bruce had given from the Birmingham Alabama meeting that he attended. The statement was in regards to NM cable in High Rise buildings and should have read, NM cable had been put into the International Building Code, not that the International Code Council put an end to the International Building Code. President Eric Walter requested a motion to approve the minutes as corrected. Motion to approve the minutes by Bruce Gunn, City of Napa. Second by Gary Brewen, Napa County.

### **BREAK FOR DINNER (6:16)**

### **SPEAKER OF THE EVENING (6:45)**

President, Eric Walter, introduced our guest speaker, Allan LaRoche with International Application Technology. Allan's topic is Seismic Restraint Systems for Suspended Utilities. Allan introduced his partner Scott Ensol and both work for Marco fastening systems. Some of the suspended utility systems, as an example, are process piping, fire suppression system piping, plumbing piping, HVAC ducts, conduits, ect. The code requires that when these items are suspended from an overhead deck, that they be restrained in such a way that during seismic motion they do not move or move very little or they move with the overhead deck. Formally what the code required, seemed pretty straight forward when you look at the 1994 UBC. However the engineering community, over the last several years, have conducted studies, and the results of those studies have found their way into the 1997 UBC and the 1998 CBC. Basically what they have done is placed seismic instruments on the roofs of various buildings to see what would happen when a seismic event occurred. The results of those studies have created some new code requirements and have created many changes from what we have seen before. For example, a piping system may be suspended from an overhead deck and typically would be suspended with a piece of threaded rod. The restraint system referred to is a rigid braced arm or a cable-braced arm that prevents the sway of that item. These systems in meeting the code requirements need to be engineered. You need to know the strength of the bracket systems you are using, and the strength of the attachment to the overhead deck. Where in the code do you find the requirements for the restraint of suspended utilities? You would find it in Volume 2 in Chapter 16. The corner stone section of the code that deals with these types of systems is Section 1632, "Lateral Force on Elements of Structures, nonstructural Components and Equipment Supported by Structures." The new code language reads that every story of a multi story structure now has its own separate horizontal force requirement. The first design in this section deals with

design for total lateral force. These sections in the code deal with the calculations in the design of these systems and refer to Tables listed in Chapter 16. Table 16-O for example, gives the Horizontal Force Factor,  $C_p$ , for Elements of Structures, nonstructural components and equipment, and provides a list of the items that need to be seismically restrained.

This section of the code allows you to follow a step-by-step procedure in the process of designing seismic restraint systems for suspended utilities. Elements of structures and their attachments, permanent nonstructural components and their attachments, and the attachments for permanent equipment supported by a structure shall be designed to resist the total design seismic forces. Attachments for floor-or-roof mounted equipment weighing less than 400 pounds, and furniture need not be designed.

### **OLD BUSINESS**

At the May chapter meeting, the members voted and agreed to our sending the Board of Directors and Chapter Presidents a letter addressing our concerns with NFPA developing a building code. This letter was a joint effort by President, Eric Walter and Code Development Chairman, Bruce Gunn. We have received numerous telephone calls, emails, and letters regarding our letter. All showed support in our effort. Some of the individuals who contacted us are Board of Directors Dave Saunders (Washington), Ann Vonweiller (Utah), and Mark Evans (Nebraska). We have received numerous correspondence from Marco Giamberardino of the Building Owners and Managers Association International (BOMA). Mark was extremely supportive. The Sacramento Valley Chapter is doing a resolution and several other chapters are doing letters.

### **NEW BUSINESS**

President, Eric Walter, proposed that a motion be considered that the chapter submit a resolution and cover letter to the Resolution Committee for consolidation to finally have BOCA, ICBO, and SBCCI to join effort and form an ICC organization and that we consider a consensus so that the mutual party regulators will still have code development potential. Bruce Gunn explained that the resolutions come from the membership and the deadline was this day. The resolutions are directives to the Board of Directors of what we want them to do and then will be voted on by the membership at the business meeting which will be held in San Francisco this year. It is recommended that whoever can attend this meeting should do so. Bruce has already sent in the Resolution because he was not sure if the Chapter would endorse one or not and he wanted one to be in San Francisco before the deadline. It can be rescinded if the chapter does not want to send it. A copy of the resolution was made available to the chapter to review; the following is the Resolution;

### **RESOLUTION\_\_\_\_\_**

WHEREAS, the members of the International Conference of Building Officials in session this \_\_\_\_the day of September, 2000, is now holding its 78<sup>th</sup> Annual Education and Code Development Conference in San Francisco, California; and

WHEREAS, for many years the construction industry throughout the United States has been burdened with multiple codes: and

WHEREAS, in recent years the International Code Council has worked to create a single family of coordinated and comprehensive model codes available for adoption at all levels of government to replace the three sets of codes promulgated by BOCA, ICBO and SBCCI; and

WHEREAS, the members of BOCA, ICBO and SBCCI have cooperated in the ICC effort and many now understand the benefits with the further consolidation of the good and valuable activities of BOCA, ICBO and SBCCI; and

WHEREAS, the consolidation of current products and services of BOCA, ICBO and SBCCI has great potential for the delivery of improved, expanded and more diverse products and services to the members of BOCA, ICBO and SBCCI; and

WHEREAS, the utilization of a consensus process by the International Code Council in the development of the International Codes will expand the participatory rights to all segments of the industry and increase support for the International Codes;

NOW, THEREFORE, BE IT RESOLVED, that the members of ICBO here assembled on September \_\_\_\_the, 2000, in San Francisco, California do hereby congratulate the ICC Board of Directors in their successful effort to produce the International Codes and their past and continued support for the code enforcement profession; and

BE IT FURTHER RESOLVED, that we have considered the costs and benefits that will accrue with the consolidation of BOCA, ICBO and SBCCI and see this consolidation as in the best interest of all code officials; and

BE IT FURTHER RESOLVED, that we support the efforts of the ICC Board of Directors in their review and analysis of the ICC consensus process and encourage the Board to adopt an ICC consensus process which will be both timely and appropriate for the continued development of the International Codes, and will serve the goal of a single family of codes for the United States; and

BE IT FURTHER RESOLVED, that we urge the members and leadership of the ICC, BOCA, ICBO and SBCCI to initiate consolidation of BOCA, ICBO and SBCCI into one organization and to adopt a consensus process for the continued development of the International Codes, and that these two efforts be given the highest priorities.

Bruce Gunn made a motion that the Resolution stand as sent into the ICBO as coming from the Napa/Solano Chapter, Dan Kasperson, City of Suisun second the motion. President, Eric Walter opened the floor for discussion, comments or questions.

After comments, President, Eric Walter conducted a vote as per the motion and second and the vote by the Chapter were unanimous to send the Resolution as written.

## **INSPECTORS TIME**

(None)

## **INDUSTRY REPRESENTATIVES:**

Larry Cooper, from Cooper design, asked if anyone had been contacted by, or knew of the CARD group, a handicap advocacy group that has been going around to business's in the area and citing business owners for not complying with the ADA guidelines. A gentleman from this group has been conducting the inspections for accessible site conditions, and if the property does not comply with the ADA guidelines, the group is sending correction notices to the owner and giving them (30) days to respond to their comments before further action is taken. Tom Garcia commented that he has had contact with the group, and business owners at first are intimidated by the groups strong and direct approach. If the property owner works with the group, an extension of the (30) days would be able to be worked out with CARD. The Jurisdictions in the State of California do not enforce the ADA Federal guidelines, but that does not exempt the property owner from complying with ADA.

## **COMMITTEE REPORTS:**

Education Committee – Harvey Higgs- Harvey proposed that the Chapter vote on a seminar topic for the remaining third day for the open slot in October. The three topics that Harvey proposed to vote on were Wood Engineering Fundamentals, Building Use and Construction Type and Means of Egress I. The Chapter voted, and Means of Egress I was picked to fill the open slot.

Harvey brought to the attention of the Chapter that we currently do not own a slide projector, and sometimes we have to scramble to get one for the seminars or Chapter meetings. This projector

would be available for the Seminars as well as Chapter business. Harvey brought a motion to the floor, and Dan Kasperson second the motion for the purchase of a slide projector. It was decided that Harvey would research for the best price and report back at our next meeting and then a vote taken.

*Due to technical difficulties, my tape recorder ate the remainder of the minutes from Inspectors time forward. I thank the individuals from the Presidency who contacted me and helped me piece together the remainder of the meeting from our notes. If there is any information left out from these minutes that applied to our June Chapter meeting, please amend the June minutes at the approval of the minutes during our July Chapter meeting.*

**ADJOURNMENT:** (8:00 PM)

There was a motion to adjourn by Dan Kasperson and a 2<sup>nd</sup> by Bill Turgeon. President Eric Walter adjourned the meeting at 8:05 PM.

Respectfully submitted,

David Cliché  
Secretary

## MINUTES OF JULY 5, 2000

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

President Eric Walter called the July 5, 2000 meeting of the I.C.B.O. Napa-Solano Chapter to order at approximately 5:50 P.M.

### **ROLL CALL OF OFFICERS**

Officers that were present at the meeting were Eric Walter-President, Paul Siegel-Vice President, and David Cliché-Secretary. Tom Garcia-Treasurer was out of town.

### **INTRODUCTIONS (5:55)**

**APPROVAL OF THE MARCH MINUTES** Harvey Higgs- To amend the minutes to read as follows; Harvey brought to the attention of the Chapter that we currently do not own a slide projector, and sometimes we have to scramble to get one for the seminars or Chapter meetings. This projector would be available for the Seminars as well as Chapter business. Harvey brought a motion to the floor, and Dan Kasperson second the motion **to amend the budget to make it possible to purchase the projector.** President, Eric Walter asked for a motion to approve the amended minutes, Motion by Harvey Higgs and second by Bruce Gunn.

### **COMMITTEE REPORT BY BRUCE GUNN ON THE LATEST WITH THE ICC AND NFPA:**

The resolution and letters that our Chapter has sent out have been met with a very positive response. Other Chapters are now beginning to adopt their own resolutions and sending them to ICBO. The Redwood Empire has taken our resolution and adopted it as their Chapters and sent it to ICBO to the Board of Directors and sent it to all of the Chapters of ICBO, showing their support of the resolution that we sent. Other Chapters are sending resolutions and letters to ICBO to the Board of Directors and to other Chapters. The President of BOCA has sent our resolution and letter out to all of the BOCA Chapters.

The base document that the NFPA is proposing to use for their building code is from a code used by Epcott Center at Disney World and the surrounding town. This code is patterned a little after the Uniform Building Code.

### **BREAK FOR DINNER (6:15)**

### **SPEAKER OF THE EVENING (6:45)**

Vice-President, Paul Siegel introduced our guest speaker, Bill Wiersma of Sanders Valve who spoke to us about the Catastrophic Safety Cut-off Valve. Bill is the President of Sanders Valve who manufactures, sales and markets a Catastrophic Safety Cut-off Valve for natural and LP gas systems. Many jurisdictions became concerned about protecting property from gas line breaks and associated fires during seismic activity. The City and County of L.A. has passed an ordinance that any new construction, alteration, or sold structure with gas, shall have installed some type of seismic protection on the gas line. The unincorporated areas of Contra Costa County and the City of Martinez recently

passed ordinances that require structures with gas to be retrofitted with some type of safety device on the gas lines. Gene Sanders who founded the company actually lost his home to a fire started from a broken gas line during an earthquake. After the fire, Gene went around and conducted some research to find out what the market offered to protect his new home from a similar event. He did not like what he saw on the market and decided to try to make something that would be more effective.

Most of the valves on the market were motion sensor so that if the valve detected some type of motion the valve would close. Unfortunately once the valve closed, you had to call the gas company to reset the valve and to turn the gas on. A valve could be set off by someone bumping into it, or the gas meter, and then you would have to call the gas company to reset the valve. Keep in mind that during a seismic event, if your valve is set off, it could be days or even weeks before the gas company can get to you because they might have 40,000 other calls to get to also.

The Sanders Valve works on a different principle, it works on pressure loss. If there is a seismic event, or someone bumps into the water heater in the garage and knocks it off its stand and the gas line is broken, the valve will detect a loss of pressure, or uneven pressure on either side of the valve, and the valve will close. There are many builders who now spec the Sanders Valve into their building plans.

The valve can only be installed one way; it has a single directional flow. The valve will be installed directly after the meter or after the regulator. The valve is designed for the maximum load demand of the house. If the valve detects a pressure loss the valve will shut off. If the valve detects is an uneven pressure on one side of the valve, such as a rupture, the valve will close. Once the line is repaired and the gas flow returns, the valve has a bleeder hole in the valve to allow the pressure to equalize on both sides of the valve. Once the pressure is equal on both sides of the valve, the valve will reset and open again.

The valves are listed with IAPMO and must be installed by a licensed plumbing contractor. The valve is only sold to licensed contractors. This valve is not sold to the general public such as at a hardware store.

## OLD BUSINESS

As a follow up to the letters that we sent to all the Chapter Presidents, as well as the Board of Directors, we did receive some correspondence. One is from the Orange Empire Chapter, in support of our letter. A copy of the letter, along with copies of other resolutions sent to us, was available at the meeting from President Eric Walter.

## NEW BUSINESS

We received a request from Mickey Perez, of Contra Costa County, an event committee Chairperson that will be handling one of the events at the ABM, for donations or assistance with the event at the ABM. One volunteer has already responded and she is looking for one more person to help. You may contact any officer of our chapter to volunteer.

**INSPECTORS TIME**

(None)

**INDUSTRY REPRESENTATIVES:**

(None)

**COMMITTEE REPORTS:**

Harvey Higgs gave an up date on the next Seminar. There will be a Mechanical Code Seminar on the 3<sup>rd</sup> and 4<sup>th</sup> of October and the bonus code seminar, which will be listed in the flyer on the 5<sup>th</sup> of October.

**ADJOURNMENT:** (8:00 PM)

There was a motion to adjourn by Chuck Pratt and a 2<sup>nd</sup> by Richard Tash. President Eric Walter adjourned the meeting at 8:00 PM.

Respectfully submitted,

David Cliché  
Secretary

## MINUTES OF OCTOBER 4, 2000

### CALL TO ORDER (6:00 PM)

Vice-President Paul Siegel called the October 4, 2000 meeting of the I.C.B.O. Napa-Solano Chapter to order at approximately 6:00 P.M.

### ROLL CALL OF OFFICERS

Officers that were present at the meeting were Paul Siegel-Vice-President, David Cliché-Secretary, Tom Garcia-Treasurer, and we excused President Eric Walter who was attending to other business.

### INTRODUCTIONS (6:05)

### APPROVAL OF THE JULY MINUTES

First motion to approve the July minutes by Gary Brewen-County of Napa, and second motion by Chuck Pratt-Solano County.

### ANNOUNCEMENT:

Vice-President, Paul Siegel, announced that the voting for Officers for the Napa/Solano Chapter of the ICBO would be at the November meeting. Nominations for Secretary will be accepted at the end of this meeting or you may e-mail Paul at [dixon@dcn.davis.ca.us](mailto:dixon@dcn.davis.ca.us) or [psiegel@dcn.davis.ca.us](mailto:psiegel@dcn.davis.ca.us) or you may speak to him at the November meeting, just prior to the meeting.

Sacramento Valley Chapter will now be on the web site with announcements of when their on-going education will be taking place and with the topics. You may send an e-mail to them so that you may be added to their list of e-mailers for notification of education seminars at [education@icbovc.org](mailto:education@icbovc.org) <<mailto:education@icbovc.org>>.

The National Evaluation Service is no longer affiliated with ICBO has now formed their own organization and has their own web site to gain access to the NER reports. The NER reports currently shown on the ICBO Evaluation Report web site are outdated and the current NER reports will be shown at [www.nateval.org](http://www.nateval.org) <<http://www.nateval.org>>.

### BREAK FOR DINNER (6:20)

### SPEAKER OF THE EVENING (6:55)

Vise-President, Paul Siegel introduced our guest speaker, Ira Schuma of Cast Iron Soil Pipe Institute. Ira took us back in history a little bit, Cast Iron Soil Pipe Institute has been around since 1949, but lets take you back to how cast iron started. Cast iron has been around since the 14th Century when the German Monks were molding cast iron into cannons for the war. After

the war, the question came up of what was to be done with these cast iron molds from the cannons. The idea came about to mold 5 foot sections of cast iron pipe. So when you are in the older sections of communities you might run across these 5-foot sections of cast iron soil pipe.

When we first arrived in this new country, the British would not allow us to manufacturer cast iron pipe. When the Declaration of Independence was signed this changed and this country started manufacturing cast iron products. The first Foundry was established around 1816. Some of the first cast iron pipes produced in Europe for conveying water, in the 16th and 17th century, are still functioning today. All connections were made with lead and oakum and today not too many connections are made like this any more. Today connections are primarily made with rubber suppression fittings. But if you look at change, how long has it taken for change to come about for cast iron pipe. It's taken a long time, so, we went from 1785 to 1964 before change in cast iron pipe took place. In the late 60's they started manufacturing 10-foot sections of cast iron pipe. Many different diameter size of pipes are manufactured today, the fittings have also changed to a no hub fitting.

Cast Iron Soil Pipe Institute, help write the standards for cast iron pipe that we have today. If there are questions regarding installation or standards you can contact Ira at [schumar@mindspring.com](mailto:schumar@mindspring.com) <<mailto:schumar@mindspring.com>> or at (530) 673-4647. Ira is the Regional representative for the Cast Iron Soil Pipe Institute.

A lot of the couplings we use today were originally patented by the Cast Iron Soils Institute. The patents by the company, for the couplings, were dropped in the early 80's due to a lawsuit from a fellow in Massachusetts for what he believed to be restraining trade, the patents were immediately dropped. Ira went on to explain the difference between the standards and the code for the support of cast iron soil pipe. Ira also talked about the enemy of cast iron pipe, corrosion. There are two enemies to cast iron. The first Ira talked about is external corrosion. We do have some corrosive soils out there. Ninety-five percent of the soils out there though are not a problem, but there are some areas that do have to deal with salts and alkalis. There are ways to protect the pipe, either bagged or Polyethylene pipe. It will be determined on the soils report if the soils are corrosive and if the soils are corrosive then steps need to be taken to protect the pipe. The second enemy is internal corrosion and Ira relinquished this to another manufacturer. But for external corrosion, Ira says stick with Cast Iron Soil Pipe and take the precautions to protect the pipe.

In the new 2000 code there is a new section, Chapter 15 in the plumbing code that deals with penetrations in or through fire rated assemblies. In the past the code has referenced the building code for fire stopping or penetrations and now in the 2000 code there will be a section in the

plumbing code dealing directly with penetrations.

To access more information regarding Cast Iron Soil Pipe Institute, refer to their web page at [www.cispi.org](http://www.cispi.org) <<http://www.cispi.org>> , and there are many different links to codes or to specific conditions that can be helpful to the jurisdictions as well as the industry. Cast Iron Soils Pipe Institute inspects the manufacturers or foundries of cast iron soils pipe to assure the product is being manufactured to proper standards.

#### OLD BUSINESS

(None)

#### NEW BUSINESS

Vice-President, Paul Siegel introduced Steve Mitchell, representing the East Bay Chapter to discuss two items with the Napa/Solano ICBO Chapter. The first item of business was a run down on the activities from the ABM in San Francisco, a good time was had by all. At last months Building Standards Commission meeting and at meetings in Sacramento by the State, the State is looking at adopting the 1997 UBC, 2000 UPC, 2000 UMC and the 1999 NEC. There will be a special Building Standards Commission meeting on October 25, at 10:00 in Sacramento, as many Building Officials from the area are needed to participate and any Architects or Engineers or industry that are concerned as to what is taking place, you are urged to participate. For the first time you are now seeing the State of California, not leading the Nation in Code development, but falling behind.

Also for those of you who know Travis Pick, who is the Executive Secretary for the Building Standards Commission, he has retired as of September and the person appointed to his position is Stan Ishimuria. The Monterey Chapter and the East Bay Chapter are proposing to sponsor the CALBO ABM in 2003 in Monterey.

FEMA has decided not to reimburse those jurisdictions that assisted Napa in their inspections after the earthquake. They will reimburse for transportation, lodging and meals, but as for the inspections, they will not reimburse for. Bruce Gunn, Building Official for the City of Napa, explained that a lot of the damage was not to the infrastructure of the City but most of the damage was to individual homes, businesses and structures and even though there was a Presidential Declaration, the declaration was for individual assistance and not community assistance. Which means the funds for the assistance of building inspection is not there. This is brand new and has never happened in prior earthquake relief. What this could mean is that when OES asks for assistance from jurisdictions in the future for relief inspectors, the well could be dry. Some jurisdictions might not be willing to assist.

The NFPA is currently in the process of writing a building code. The NFPA has sent out some invitations to various state chapter representatives, to attend a meeting hosted by the NFPA with the intent of filming this meeting and could be understood to be a consensus meeting. The membership at the San Francisco ABM, has voted to pretty much stay with our current government consensus process and the BOCA ABM voted for an ANSI process. Bruce Gunn elaborated on this by referring to the resolution that our chapter sent to the ICBO Board Members asking them to take a stand that represented the wishes of the Chapters. The membership voted down the consensus process and voted for consolidation. There is still shaky ground ahead regarding this process. The rest of the country will be on some kind of a consensus process and ICBO has said they will not be a part of any consensus process which could mean that all the work in the past years spent on adopting one family of codes could be in jeopardy if ICBO decides to pull out of the ICC process because things are not going their way. The ICBO Board members have lobbied the Chapters saying that we do not want a consensus process, you want to stay with code development the way it is, you do not want consolidation right now and so they were trying to put it off. If BOCA and SBCCI vote for the consensus process, the ICBO has stated that they will pull out of the ICC process. At the ABM, consolidation of the ICBO, BOCA and SBCCI was voted for and is supposed to take place by September 2002, the directive of the membership was that we need to consolidate and become one group. The Board of Directors has already said that if the vote goes to consolidate in November, they will pull out of ICC. This could open the door for an NFPA building Code.

Our web site will make available a letter written by a jurisdiction stating how to make this consolidation come about.

Second line of business was to address an allocation of money from the chapter that was discussed five years prior. Dan Kasperson and Leon McNeil were invited to participate in the ABM process five years ago financially for a commitment in the amount of \$5,000.00 dollars. Vice-President, Paul Siegel stated that there was no real promise or vote taken 5 years ago but Dan and Leon said in a phone conversation that would support voting yes to give the Bay area chapter the money as had been discussed 5 years ago. Paul also stated that President Eric Walter has also stated that he is in favor to give the money as previously discussed 5 years ago to the Bay Area Chapter. Bruce Gunn made a motion that we give the \$5,000 for the ABM to the host chapter and second by Joe Willer from American Canyon. Bruce elaborated in a discussion that we would not look good as a chapter to renig on a commitment that we made 5 years ago, and we have the money in the account to take care of it. Tom Garcia, Treasurer, agreed with Bruce stating that we have been an active and successful chapter and we should be helping other chapters in the advancement of code development. Also when it comes time for us to host an ABM, we would like support from other chapters. Chuck Pratt

from Solano County stated that we should also stand by our previous commitment. Richard Tash from the City of Dixon made a motion to vote at this meeting on this subject. Paul polled the membership for questions and there were none. Tom Garcia read the list of members that could vote on this motion and most were represented at the meeting and those that were not present had already conveyed their yes vote over the phone previously in the day. The voting was such that there were (9) votes for yes to give the \$5,000 to the host chapter and there were no opposed votes. The motion passed to give the \$5,000 to the host chapter for the ABM.

Vice-President Paul Siegel, asked Bruce Gunn to give the Chapter a run down on the activities of the aftermath from the earthquake in Napa. Bruce stated that there are over 1000 chimneys down, over 2000 yellow tags have been given out, over 17,000 structures have been inspected, not a lot of red tags, not a lot of total damage but just a lot of damage in general. Bruce asked LP2A to set up a building division center just to handle all the calls coming in from the quake and are taking care of all earth quake related permits. The policy on chimneys is being reviewed, the major portion of damage was to un-reinforced masonry in chimneys. Paul has asked Bruce to share this information regarding chimneys with all of us once the information is concluded.

#### INSPECTORS TIME

Jose Jaimes, of the City of Dixon, stated that there was recently an article in the Sacramento Bee regarding some furnaces that were having some problems that were built between 1985-1991, and they were trying to make the furnaces more efficient and were installed in the attic and are now causing some troubles and fires. Jose said that he would bring the article to the next chapter meeting.

#### INDUSTRY REPRESENTATIVES:

Steve Hupner, Hupner consulting, asked if anyone in the chapter noticed the picture on the front cover of the Building Standards Magazine showing a labor force standing on the top tread of a ladder.

#### NOMINATIONS FOR SECRETARY OF THE NAPA/SOLANO ICBO CHAPTER:

Terry Little, Solano County, nominated Chuck Pratt, also of Solano County for secretary of the Napa/Solano ICBO and Chuck accepted the nomination. Please remember that elections for Chapter Officers will be at the November Chapter meeting.

#### COMMITTEE REPORTS:

(None)

#### ADJOURNMENT: (8:00 PM)

There was a motion to adjourn by Paul Siegel and a 2nd by Richard Tash.

Vice-President Paul Siegel adjourned the meeting at 8:00 PM.

Respectfully submitted,

David Cliché  
Secretary

## **MINUTES OF NOVEMBER 1, 2000**

### **CALL TO ORDER (6:00 PM)**

President Eric Walter called the November 1, 2000 meeting of the I.C.B.O. Napa-Solano Chapter to order at approximately 6:00 P.M.

### **ROLL CALL OF OFFICERS**

Officers that were present at the meeting were Eric Walter-President, Paul Siegel-Vice-President, David Cliché-Secretary and Tom Garcia-Treasurer.

### **INTRODUCTIONS (6:05)**

### **APPROVAL OF THE OCTOBER MINUTES**

Richard Tash, of the City of Dixon, amended the October minutes to make the correction that Jose Jaimes is from the City of Davis and not from the City of Dixon, as stated in the October minutes. President, Eric Walter, approved the October minutes with no objections.

### **BREAK FOR DINNER (6:20)**

### **SPEAKER OF THE EVENING (6:55)**

Vice-President, Paul Siegel, introduced the evening's speaker, Jason Fell, from the Dry-Wall information Trust Fund.

Jason presented the newest Gypsum Board manual, 16th edition, to the Chapter. If other copies are needed you can contact Jason at the Gypsum Board Association, 12241 Saratoga Sunnyvale Road, suite B, Saratoga, California, 95070 or by phoning (408) 255-7272, fax (408) 255-0137 or e-mail [www.drywallca.com](http://www.drywallca.com) <<http://www.drywallca.com>>.

Drywall Information Trust Fund or DITF, has been around for 43 years, Jason has been in the Gypsum association for 22 of those 43 years. Jason is the technical support for architects, engineers, designers, Building Officials and so on and covers to the Oregon border. Jason started out by informing everyone that (4) of the previous assemblies have been deleted and there are (37) new assemblies that have not existed before. They have also expanded the manual to show extended tables for deflection criteria for steel framing and Lateral assemblies for steel frame. There has been a lot of testing in the last three years for the ICC code for steel framing.

Jason brought up Section 706 of the UBC for head of wall. Section 706 basically requires that the head of wall area, especially when we hit a fluted deck or construction joint, to be protected with an equal rating of

that of the wall. This section in the 1997 code is a complete rewrite from the 1994 code. It now cost as much to protect the head of wall area as it did to construct the entire wall area. There is now a slip track system offered in the Gypsum manual that provides earthquake resistance and account for deflection without loosing the critical joint area at the top of the wall. Basically when you loose a rated wall that is where it starts thus allowing the fire to travel from one contained area to another. These assemblies have been tested by Test Standard UL 2079 which is a very stringent standard and hard to make. Jason has witnessed some of these tests, which make the wall jump up and down. So far there are only five assemblies that pass the criteria for head of wall protection. In steel frame, the wall is not a truly rated wall without one of the approved head of wall assemblies.

Jason also brought up plenums, the association sent out a technical bulletin to all registered Architects and Contractors about plenums constructed solely with Gypsum wallboard. It is a real cost savings to construct plenums with gypsum board instead of the lined sheet metal assemblies. The architect usually designs a sheet metal plenum with gypsum board protection. The contractor will then, on a cost saving budget, ask the architect how much will I save if I do not use the sheet metal. After all the protected plenum has to be built with gypsum board any way, and the mechanical code allows gypsum board plenums. The problem with plenum systems built strictly with gypsum wallboard is that it attracts fungus and mold to grow within the plenum. The new strain of fungus found in these gypsum-constructed plenums is called staukey bacus, an off strand of the Legion Airs, the same fungus that caused the Legion Airs disease. Jason has put together a few articles, one of them being, Legal implementations of mold in HVAC systems. What they have found is that these plenum systems built only of Gypsum Board, provides an ideal incubation chamber for the fungus to start and feeds off the wood fibrous material in the face paper. There is a notice on the web site regarding this new fungus, [www.drywallca.com](http://www.drywallca.com) <<http://www.drywallca.com>>. The attorneys have now gotten into litigation regarding the health hazards of strictly drywall plenums. There have been articles in the CALBO newsletter, on CNN news and in construction magazines. Even though it is not a code violation to build a plenum of gypsum board, the association wants everyone to be aware of the possible dangers of plenums built solely of gypsum board.

Some other news in the gypsum board world is some new products that are being supplied by gypsum board which are gypsum boards that are highly specialized, such as a high impact resistant gypsum board, fire rated gypsum, acoustical gypsum and joint compounds to reduce cracking. Cracks in houses alone have done more monetary damage than all of the disasters in the last three years. Please visit the Gypsum Board Associations web site as shown above for further information.

## **OLD BUSINESS**

(None)

## **NEW BUSINESS**

President, Eric Walter, announced that the Sacramento Valley Chapter is suggesting that the Napa/Solano Chapter have a joint meeting with their chapter in February but we were talking as a board and thinking that this date might be too soon as some speakers have already committed to speaking dates. Sacramento Valley Chapter does historically join up with other chapters to exchange information. The Chapter Officers thought this would be a good idea and that the month of March might be a better time period to give us more time to plan for it. They are considering the City of Davis as the meeting place, as the City of Dixon would be the center point between the two chapters. The Sacramento chapter meetings are usually held at mid-day and they would like to have this combined meeting also at mid-day.

President, Eric Walter, opened the floor for discussion on the subject of having a combined meeting with the Sacramento Valley Chapter and having the meeting at mid-day. The consensus of the floor was that a request be made to have the combined meeting at night so that there would be better attendance from our chapter. President, Eric Walter asked for a nomination that the meeting be held on another month other than February and be held at night and probably on a Wednesday. The Board will have to work out the details and let the chapter know the time, date and place.

Eric Walter asked the chapter to present ideas for new seminars for the following year and to please contact Harvey Higgs from the City of Benicia at (707) 746-4230, or contact any of the Chapter Officers.

## **INSPECTORS TIME**

Dan Kasperson announced that he attended the Building Standards Commission the previous week and the subject hashed over was which of the codes would we be enforcing this next code cycle. It appears that the next edition of the California Building code will be based on the 1997 Uniform Building Code and the 2000 Uniform Plumbing, Mechanical and Fire Codes will be in effect. The I Code does not appear anywhere in there.

Maurey McKenzie, from the City of Vacaville, asked if anyone was enforcing section 1811.3 of the Uniform Building Code, which states that fasteners in preservative-treated wood shall be approved silicon bronze or copper, stainless steel or hot-dipped zinc-coated steel. This section goes on to further clarify what nails may be used in certain conditions. This would mean that all nails through sole plate to stud would have to follow this code section and also expansion anchors and red-heads, to name a few. President, Eric Walter asked if it would be ok to Table this discussion for the Plan Review Committee.

David DeLong, City of Martinez, suggested that some of the money left in the budget be used to subsidize the chapter dinners to try and get more attendance. President, Eric Walter, suggested that this be held over for the new Chapter Officers.

Dan Kasperson announced that the City of Suisun currently has an opening for Permit Technician/Building Inspector I position; anyone interested may contact Dan at (707) 421-7314 or [dkasperson@suisun.com](mailto:dkasperson@suisun.com) <<mailto:dkasperson@suisun.com>>.

**INDUSTRY REPRESENTATIVES:**

(None)

**NOMINATIONS OF OFFICERS FOR THE YEAR 2001 FOR THE NAPA/SOLANO ICBO CHAPTER:**

Last month Terry Little, Solano County, nominated Chuck Pratt, also of Solano County, for secretary of the Napa/Solano ICBO and Chuck accepted the nomination. President, Eric Walter asked if there were any further nominations for Secretary and the response was there were none. Eric then presented the list of nominees for chapter officers, which are, President-Paul Siegel, Vice-President-David Cliché, Secretary-Chuck Pratt and Treasurer-Tom Garcia. Eric then asked for a motion to have those members to be our next officers, motion by Dan Kasperson, City of Suisun and second by Richard Tash, City of Dixon. Eric then asked for a hand for the new 2001 Chapter Officers.

**COMMITTEE REPORTS:**

Treasurer, Tom Garcia presented our chapter end of the year financial report.

**CORRESPONDENCE:**

We have received correspondence from Cindy Heitzman, Building Official of St. Helena regarding a workshop being offered. ABAG is sponsoring a workshop on "Earthquake Retrofit of Wood-Framed Homes". For further information you may contact ABAG Training Center, Attn: Michael Smith; P. O. Box 2050; Oakland, CA 94604-2050 (510) 464-7970 fax. Workshop dates are December 2, 2000 in Napa and January 20, 2001 in Oakland.

**ANNOUNCEMENTS:**

We will not have a meeting in December. The Installation Dinner for new chapter officers will be held on Friday, January 5th at 5:50 pm at Paradise Valley Golf Course. Details regarding the installation dinner will be in the November minutes.

**ADJOURNMENT: (8:00 PM)**

There was a motion to adjourn by Chuck Pratt and a 2nd by Dan Kasperson.  
President, Eric Walter, adjourned the meeting at 8:00 PM.

Respectfully submitted,

David Cliché  
Secretary