Sacramento Valley Association of Building Officials

Minutes of the April 14, 2017 General Meeting at the Rancho Cordova City Hall

- President Scott Zangrando called the meeting to order at 10:09 AM.
- Vice-President Greg Anderson was not in attendance.
- Secretary/Treasurer Joe Cufe welcomed the members as representative of the host city (Rancho Cordova).
- Flag salute was led by Robert Logsdon, Sac County Building Official.
- Self-introductions were made.
- After review of the March meeting minutes, a motion of acceptance was made by Brett Hale, and second by Greg Mahoney. Motion passed

Board Report:
- Secretary/Treasurer’s Report
  - March Total Liabilities and Equities: $99,895.80; February: $89,673.60, for an increase of $10,222.20. This information will be filed for audit

- Vice-President’s Report — Greg Anderson
  - No VP report; Greg Anderson was not in attendance

- President’s Report — Scott Zangrando
  - ICC Report
    - Building Safety Month is May. Contact ICC for materials.
    - CALBO Advocacy day is April 26th; last day to register is April 14th.
    - June 1st is deadline for 2018-19 cycle ICC Code Committee

- Past-President’s Report — Scott Byrnes
  - No PP report; Scott Byrnes not in attendance

- Code Quiz – Brett Hale
  - See attached quiz

Committee Reports:
- Code Review and Development – Jay Hyde, Chairperson (not present, Randy Goodwin reporting)
  - See attached committee report
  - Next meeting is May 26, 2017 at Mogavero office.
  - CBC/IBC 2510.6
  - The committee is reaching out to other chapters
  - Tabled items from previous meeting
    - Check Committee report on significant changes for errors.

Uniform Code - Uniform Enforcement

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• Support of Greg Mahoney’s efforts with CEC energy code, and the CalGreen codes
  o Hearing on Zero Net Energy (ZNE) next week at Energy Commission

• Education Committee – Steve Burger, Chairperson
  o About 150 registered for the Minstitute
  o Extended the “early-bird” registration rates to April 24th
  o April 24 – Over-the-counter Plan Review class has 56 registered to date
  o April 25 – From the Ground Up class has 45 registered to date
  o Monthly classes will include catered lunches going forward.
  o Contact Steve Burger if you have any ideas for classes, or wish to join the committee.

• Outreach Committee – Gene Paolini
  o Met on March 27 at the BV offices
  o SRBX-sponsored Design-Build contest May 11 at Consumnes River College, judges needed.
    Contact Gene for information
  o October Construction and Trades Day at Raley Field
    o Hope to bring Good Wall/Bad Wall, volunteers needed to update wall, in City of Roseville
  o Proposing a Career Night at Consumnes River College – no date yet
  o Susan Dowty from ICC to get handouts, and incorporating ICC into the Outreach
  o No scheduled next meeting. Will provide date when available

• Permit Technician Ad-Hoc Committee – Michelle Menszer, Chairperson (not present, Steve Burger reporting)
  o See the attached committee report for information

• PASS Ad-Hoc Committee – Gene Paolini / Randy Goodwin, co-chairpersons
  o GSAC meeting this past week. Mike Malinowski asked Randy to come and support PASS.
  o Mike Malinowski did a PASS presentation, which went well. Seemed to get a bit of traction.
  o Unfortunately, GSAC put together a cartoon about a fictional business coming into the area, and
    the interaction with a good building department and a bad building department. Randy feels
    that we as building officials need to meet with our economic development people and express
    our positions.
  o Greg Mahoney – reiterating his position that the GSAC questionnaire is not a good tool, and
    doesn’t accurately represent the building department’s role in the development process.
    Engagement with the Economic Development people would help change this perception.

• Installation Dinner Committee – Andrea Coley, Chairperson
  o Will be contacting the Falls Event Center in Roseville for rates
  o Tentative date is December 8th.

Agency Reports:
• CALBO – Shane Diller
  o ABM Recap- 2nd year of new format, send comments to Shane
  o City of Sacramento won Building Department of the Year
  o Greg Mahoney won Building Official of the Year
  o Joe Cuffle and Winfred DeLeon were on the team that won the annual Golf Tournament
  o If you have requests for education classes, feel free to contact Shane
  o There will be three Education Weeks again this year
    o The third will be in Orange County in January 2018
  o Committee assignments will be out soon
    o Possible new committee for Innovations and Upcoming Technology and Information
  o Legislative Day next Wednesday, today is deadline to register
  o CASp Certification modifications
    o Shane addressed testing and changes
- League of Cities – No Report
- CEC – Andrea Bailey
  - All information is included in the attached handouts from the CEC
- HCD – No Report
- DSA – No Report
- ICC – President Zangrandino addressed these items in his report
- CSLB – No Report
- CBSC – No Report

Old Business:
- Winfred DeLeon had 2 updates:
  - Regional Appeals Board. A rough draft will be circulated to interested jurisdictions for input soon
  - The National Kitchen and Bath Association Q and A session. Sacramento County and Rancho Cordova have agreed to attend. Winfred received “speaker agreements” paperwork, to which he responded that we are not willing to sign. If this paperwork is required, City of Sacramento will not participate. Neither will Sac County or RC.
- Membership applications are on the web site
- Fines for not wearing badges, which is $1, will be enforced. If you don’t have a badge, an order form is available on the website.
- If your phone goes off, that is also a $1 fine

New Business:
- No items

Announcements:
- A card is being circulated for Ken Welsh, who just had a pacemaker put in. SVABO recognizes Ken’s importance to the organization, and wishes him a speedy recovery.

50/50 Raffle: a total of $40 was collected, and $20 was won by Randy Goodwin

The program was to be a presentation by the CSA Group on testing and listing of products. The speaker was a “no-show”.

Meeting adjourned

Submitted Respectfully,
Joseph Cuffe
SVABO Secretary/Treasurer

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Minutes of the March 10, 2017 General Meeting

- President Zangrandi called meeting to order at 10:06 AM at the West Sacramento City Hall.

- Introduction by Salvador Gonzalez, City of West Sacramento

- Flag salute lead by Winfred DeLeon, City of Sacramento

- Self-Introductions were made.

- Correction to February meeting minutes: change opening date of Jack Atkins scholarship from March 1 to April 1. See revised February minutes.

Board Reports

- Secretary/Treasurer’s Report – Joe Cuffe
  - January Total Liabilities and Equities: $85,370.69, February Total: $89,148.60. This is an increase of $3,777.91. This information will be filed for audit.

- Vice-President’s Report – Greg Anderson
  - Next meeting is in Rancho Cordova, and the speaker will be with CSA Group, a testing and listing agency.
  - The May meeting will be a joint meeting with the Yosemite Chapter in Lodi. Address will be posted on the website.
  - Looking for a location for the June Board retreat. If anyone has suggestions or a location to offer, contact Vice President Anderson.
  - RSVP’s for the meetings have been good so far this year.
  - The 50/50 Raffle will have two prizes once more.
  - Please catch up on any outstanding invoices your jurisdiction may have.

- President’s Report – Scott Zangrandi
  - ICC updates are on the SVBO website
    - Reminder that Building Safety Month is this May.
    - CALBO ABM is in Newport Beach March 20 – 24. Information is on CALBO website.
    - A Solar Permitting Plan Review course is being held in Redding March 23. Flyer is attached to these minutes.
    - ICC Awards nominations are open. See ICC website for more information.
  - Update on proposed by-law changes
    - Board is working on updating some language, and revising outdated procedures. Information will be brought to the membership when completed, before the November meeting.
  - Outreach
    - President Zangrandi is working with the Outreach Committee to set up meetings with local high schools to discuss programs to engage local
students in the inspection industry. It has been suggested the committee look at construction industry people looking to change careers, so we would have more seasoned candidates. Contact Gene Paolini, committee chair, or President Zangrandol with any suggestions.

- ICC Region I
  - It was discussed that members would like to have representatives from ICC Region I come and discuss the benefits of membership. President Zangrandol will reach out to Region I for information.

- Past President's Report – Scott Byrnes
  - No report this month

Code Quiz – Brett Hale – Attached

Committee Reports:
- Code Review and Development Committee – Jay Hyde, Chairperson
  - Meeting minutes for March attached.
  - Next meeting will be March 31st to accommodate the CALBO ABM.
  - The minutes contain a list of current committee members, and goals for 2017.
  - Committee would also like to express their support of the work Greg Mahoney has done with his work on the CALBO/CEC committee, and offered to assist anyway they can.

- Education Committee – Steve Burger, Chairperson (not in attendance, President Zangrandol presenting)
  - Next committee meeting will be April 12th in Folsom at 8am.
  - Event Calendar is available on the website, and is also attached to these minutes.
  - Information on the upcoming Minstitute is available now on the website, and attached to these minutes. Dee Renfro suggested
  - Simpson class in Folsom on March 22, “Back to Basics Workshop”. Flyer attached to these minutes.
  - Two permit tech classes in April (information on website)
    - April 24 - Front Counter Plan Review for Permit Techs
    - April 25 - From the Ground Up! – Understanding Residential Construction for Permit Techs

- Outreach Committee
  - Meeting March 27th at 10am at Bureau Veritas offices in Sacramento. Emails will go out to people who signed up for the committee.

- Scholarship Committee – Jim Mangino, Chairperson
  - Jack Atkins Scholarship opens April 1st. This is open to anyone seeking higher education. President Zangrandol mentioned that the Board is looking at simplifying the application language

- Permit Tech Ad-Hoc Committee (Nor Cal Permit Techs) – Michelle Menszer, Chairperson (not in attendance, President Zangrandol presenting)
  - Next meeting will be March 14th, 12:30 to 2:30, in Place County, Cypress Room, 3091 County Center Drive in Auburn. Speaker will be Steve Pedretti, Agency Director. CEC will be presenting new requirements. Video Conferencing available.

- PASS Ad-Hoc Committee – Gene Paolini, Chairperson
  - Streamline Institute has a Board Meeting March 10, at noon.
  - Group has decided not to push the program as aggressively this next year. Jurisdictions or design groups can make arrangements for training classes.
  - Greg Mahoney asked is anyone received a questionnaire from GSAC. Several said yes. He has an issue filling it out, as it is the same form we all filled out two years ago. He feels the survey

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doesn’t cover the entire process, just focused on the building permit. Winfred DeLeon mentioned he has had a presentation from GSAC, and he agrees that they don’t have a good grasp on the permitting process. GSAC is pushing for a “regional permit”, but doesn’t understand the differences in each jurisdictions process, or even why there are differences. Barry Broom may still be heading GSAC. President Zangrando suggested that a conversation between the SVABO Board and GSAC could be beneficial.

- Installation Dinner Committee: Andrea Coley and Greg Anderson
  - Committee is looking for new locations. Having some issues getting return calls. A suggestion of Scott’s Seafood was made. Andrea mentioned that they were really expensive. Andrea said she would reach out to the East Bay Chapter, who uses Scott’s in the Bay Area, for information.

Agency Reports:
- CALBO
  - ABM, March 20-23.
  - President Zangrando encourages members to get involved in CALBO Legislative Day, a good way to get the building officials story told. This was key to defeating AB2873 last year.
  - There’s a Job Fair at the ABM on March 23, 8:30 – 12pm. Flyer attached to these minutes.

- League of Cities: N/A

- California Energy Commission – Andrea Bailey, notes attached
  - There’s a survey on Non-res lighting retrofits that CEC would like all to take. See CEC website for details
  - The attached handout covers CEC events for the next few weeks.
  - CalCERTS has added the Project Status Report on their website. Building Departments can access the CalCERTS registry. See website and handout for more information.
  - Energy Code Ace is an ICC Preferred Provider, and has a class schedule on their website, and attached to these minutes.
  - SMUD also has classes available. See handout attached to these minutes, or the SMUD website.
  - Vice-President Anderson had a question on Marijuana cultivation in a residence, and lighting requirements. CEC is working on a Blueprint newsletter article that will cover this issue, which should be out soon.

- HCD/CBSC – Greg Mahoney
  - Building Standards Commission Code Advisory Committee met last month on proposed amendments for the July 2018 mid-cycle process. Recycled water was a controversial issue. There is a movement to bring non-potable water into residential construction. Issue was sent back for further study. There are documents on-line at the CBSC website if anyone is interested.

- DSA: N/A
- ICC: N/A
- CSLB: N/A

Old Business: N/A

New Business:
- Small Houses – Greg Mahoney had a conversation with an architect who believed that if a jurisdiction approved a “small home” built on a trailer or placed on one later, it could be placed in any other jurisdiction without need for approval. Greg’s question to the group was “would you agree with this statement”. Most in attendance disagreed with the statement, stating that the structure on a trailer is not a home, but a motor vehicle, and would have to meet those requirements. A “built-in-place”

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structure would have to follow code. Winfred mentioned that if a building was moved from one jurisdiction to another, they might consider the other jurisdictions approval of the structure (like a "MOVED BUILDING PERMIT").

Announcements:
- Nancy Springer recently had shoulder surgery. A get-well card is circulating for her.
- Winfred DeLeon: The National Kitchen and Bath Association is looking for panel members during a luncheon and Q and A on July 12th. Contact Winfred if interested. He will be getting more information soon.
- President Zanrando asked is anyone would approve a kitchen or bath remodel without requiring plans. Some would if certain circumstances were involved (no structural, minor electrical, etc.)
- President Zanrando is advertising for positions for Building Inspector, and Construction Inspector. Winfred DeLeon remarked that the number of applicants that Folsom received for positions recently seemed low. He offered to assist Folsom with contacts for advertising the positions.

50/50 Raffle:
- Total amount: $40. $20 winner to Will Crew, bottle of wine to Salvador Gonzalez

Break for Lunch at 11:24am

Program was presentations by West Sacramento's Summer STEPS program, and the CREATE mentoring program.

Meeting adjourned at 12:55pm.

Headcount: 23

Submitted Respectfully,
Joseph Cuffe
SVABO Secretary / Treasurer
### ASSETS

#### Current Assets

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<th>Mar 31, 17</th>
<th>Feb 28, 17</th>
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#### Other Current Assets

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#### TOTAL ASSETS

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### LIABILITIES & EQUITY

#### Liabilities

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### SVABO
#### Profit & Loss
**July 2016 through March 2017**

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<th>Ordinary Income/Expense</th>
<th>Jul ’16 - Mar 17</th>
<th>Jul ’15 - Mar 16</th>
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<td><strong>4000 · INCOME</strong></td>
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<td><strong>4100 · Dues</strong></td>
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<td>4119 · Next FY dues collected in June</td>
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<td>4353 · Minstitute Income</td>
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### SVABO

#### Profit & Loss Year to Date

**July 2016 through March 2017**

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<th>Oct 16</th>
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### SVABO

#### Profit & Loss Year to Date

*July 2016 through March 2017*

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<th>Sep 16</th>
<th>Oct 16</th>
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<th>Jan 17</th>
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<th>Mar 17</th>
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<td>762.79</td>
<td>292.33</td>
<td>867.54</td>
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<td>762.79</td>
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<td><strong>Total 6000 · EXPENSES</strong></td>
<td>6,867.48</td>
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<td>2,657.11</td>
<td>2,938.52</td>
<td>8,225.13</td>
<td>19,544.10</td>
<td>5,916.94</td>
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<td>6680 · Industry Sponsorship</td>
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<td><strong>Total Expense</strong></td>
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<td>8,225.13</td>
<td>19,544.10</td>
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<td>-16,236.58</td>
<td>1,295.06</td>
<td>4,127.91</td>
<td>10,676.58</td>
<td>16,779.07</td>
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<tr>
<td><strong>Net Income</strong></td>
<td>1,767.52</td>
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<td>-3,717.11</td>
<td>-2,458.52</td>
<td>22,083.20</td>
<td>-16,236.58</td>
<td>1,295.06</td>
<td>4,127.91</td>
<td>10,676.58</td>
<td>16,779.07</td>
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</table>
### SVABO
**Profit & Loss Budget vs. Actual**

*July 2016 through March 2017*

<table>
<thead>
<tr>
<th>Ordinary Income/Expense</th>
<th>Jul '16 - Mar 17</th>
<th>Budget</th>
<th>$ Over Budget</th>
<th>% of Budget</th>
</tr>
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<tbody>
<tr>
<td><strong>Income</strong></td>
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<tr>
<td><strong>4000 · INCOME</strong></td>
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<tr>
<td>4005 · Code Books</td>
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<td><strong>4100 · Dues</strong></td>
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<tr>
<td>4105 · General Member Dues</td>
<td>4,945.41</td>
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<td>4100 · Dues - Other</td>
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<td>0.0%</td>
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<td><strong>Total 4100 · Dues</strong></td>
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<td>4259 · Raffle</td>
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<td>4252 · Name Badge</td>
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<td><strong>4350 · Course Registration</strong></td>
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<td>4353 · Minisite Income</td>
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<td>4353.20 · Sponsors</td>
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### Expense

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<th>Expense</th>
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<th>$ Over Budget</th>
<th>% of Budget</th>
</tr>
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<tr>
<td><strong>6000 · EXPENSES</strong></td>
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<tr>
<td>6110 · Retreats</td>
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<td>6380 · Minisite Expenses</td>
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</tbody>
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## SVABO
### Profit & Loss Budget vs. Actual
#### July 2016 through March 2017

<table>
<thead>
<tr>
<th></th>
<th>Jul '16 - Mar 17</th>
<th>Budget</th>
<th>$ Over Budget</th>
<th>% of Budget</th>
</tr>
</thead>
<tbody>
<tr>
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<td>6330 - Food</td>
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<td>600.00</td>
<td>8,616.28</td>
<td>1,536.05%</td>
</tr>
<tr>
<td>6350 - Instructor</td>
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<td>90.06%</td>
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<tr>
<td><strong>Total 6300 - Education</strong></td>
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<td>30,900.00</td>
<td>2,919.91</td>
<td>109.45%</td>
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<tr>
<td>6410 - Installation Dinner</td>
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| 3/29/2017  | 200001570      | Barrett    | City of Colusa               | 20       | Monthly Meeting-4250:Lunch-4257                       |

20

$22,550 Total March 2017 A/R
## SVABO Expense Detail
### March 2017

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1. Which of the following locations require floor drains to be installed according to 2016 California Plumbing Code Section 418.3?
   a. Toilet rooms containing two or more water closets
   b. Commercial kitchens
   c. Laundry rooms in commercial buildings
   d. Boiler Rooms
   e. a, b and c
   f. all of the above.

2. According to the 2016 California Residential Code Section R312.2.1, when a window sill is located less than ___ inches above the floor and more than ___ inches above the finished grade or other surface below, it shall be provided with Window Fall protection.
   a. 24, 72
   b. 30, 72
   c. 36, 96
   d. 42, 96

3. A second story loft in a new dwelling contains a qualifying egress window and an enclosed space containing a furnace. According to the 2016 California Mechanical Code Section 904.1 can the loft be used as a bedroom.
   a. Yes, as long as the enclosed furnace room has combustion air
   b. Yes, as long as the enclosed dedicated furnace room has a listed gasketed door assembly and door closing device and outdoor combustion air OR the furnace is direct vent.
   c. No, fossil fuel devices are not permitted inside a bedroom location.
   d. No, the loft has to be labeled “Bedroom” on the plans.

4. According to the 2016 California Building Code Section 716.6.6, metal window mullions that exceed ___ feet in nominal height shall be protected with materials to afford the same fire-resistance rating as required for the wall construction in which the protective is located.
   a. 10
   b. 15
   c. 12
   d. 18

5. The 2016 California Green Building Standards Code Section 5.303.4 limits food waste disposers to a maximum of ___ gpm of water?
   a. 1
   b. 10
   c. 8
   d. 2.2
SVABO CODE DEVELOPMENT COMMITTEE
REPORT TO THE MEMBERSHIP
APRIL 14, 2017

1. The Committee met on March 31, 2017
2. Our next Committee Meeting will be held on May 26, 2017 at the Mogavero Offices 2012 K Street from 8:00 AM to 10:00 AM.
3. The following committee members were present:
   a. George Kellogg
   b. Randy Goodwin
   c. Greg Mahoney
   d. Jay Hyde, Chair
4. Items Discussed:
   a. Current Code Change proposals under development:
      i. CBC/IBC Section 2510.6 (CRC/IRC Section R703.6.2
         1. This is the section that directs water to be drained between the 2 layers of WRB between cement plaster and plywood substrate.
            a. The original Code Change S225-09/10 was discussed. We noted that the proposal came from DuPont Building Innovations.
            b. Bruce Bell is taking the lead reaching out to other Plaster organizations.
            c. Greg Mahoney will alert John Straub of the AIA and solicit their support.
      ii. RB168-16 “Tiny Houses”
         1. The original proposal was voted down but a substitute as an Appendix Chapter was approved. Committee members are reviewing language for specific changes that may be needed.
         2. The Committee is in agreement that this should be an appendix chapter rather than an integral part of the CRC/IRC.
         3. Greg Mahoney will share an HCD informational bulleted regarding Tiny Houses.
         4. Note: HCD proposes to remove the efficiency dwelling unit definition from the CRC but it will stay in the CBC with minimum habitable room size reduced from 120 sf to 70 sf.
      iii. Occupied Roofs:
         1. Code Change Proposal G166-15 was disapproved, but the ICC Committee recognized the need for addressing the issue. The Committee is looking into the issues.
         2. Committee is currently thinking that Occupied Roofs should be addressed in Chapter 5 rather than Chapter 15.
         3. The Committee will contact Carl Wren of the City of Austin for his input.
   b. California Energy Code:
      i. Greg Mahoney reported that he is working with the Energy Commission to develop a table of contents. A comprehensive index is needed but he Energy Commission has told Greg that they don’t have the staff for this work.
         1. The Committee can assist Greg with this by developing a comprehensive index. Randy Goodwin noted that the Energy Commission probably uses outside consultants for this type of work and the staff could manage the...
process. We think it may be just a matter of getting the Commission to understand that an index is very important. Greg will check into this matter.

c. The Committee plans to reach out to other California Chapters to let them know what we are doing on Code Development and investigate how we can help and support code development by other California Chapters.

d. The following items from previous meetings were tabled for this meeting but are still on our agenda:

i. Search the code, and research with others, for parts that could be improved, discuss them during Committee Meetings and develop Code Change proposals. Secure support from others.

ii. Add members to the Committee:

1. Request through SVABO that jurisdictions send representatives.

iii. Reach out to Industry possibly for specific Code issues.

iv. Check the Committee’s synopsis of Significant Changes to the California Building, Residential, Fire and Green codes for errors. Insert Structural comments inadvertently omitted from the California Residential Code report.

v. Support Greg Mahoney’s efforts working with updates to the California Energy code. Greg is passionate and well known at the Energy Commission. The Committee wants to support his work.

vi. Discuss the limitations of pressure treated wood with Fred Turner at the Seismic Safety Commission.

vii. Research at ICC how many votes were cast in the final voting. We have determined that geographic data (what % votes came in from various parts of the country) is not available.

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END
SVABO Upcoming Events
April 14, 2017

April 24, 2017
Front Counter Plan Review for Permit Techs
Folsom, CA
*Earn: 0.6 CEUs*

April 25, 2017
From the Ground Up! – Understanding Residential Construction for Permit Techs
Folsom, CA
*Earn: 0.6 CEUs*

2017 SVABO Minstitute
Citrus Heights - May 1-4

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<td>Mark Wood, CalCASp</td>
<td>Josh Pino &amp; Jose Menendez, MBA, City of Sacramento</td>
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<td>CBC Chapter 11B</td>
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<td>Brice Miller, Fire Containment Training Svc LLC</td>
<td>Pete Piccardo, City of Folsom</td>
<td>Greg Mahoney, City of Davis / Gene Ashdown, City of</td>
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<td>Electrical Code 101</td>
<td>FIRESTOPPING – Plan Review and Inspection</td>
<td>So, You Want to Be a Code Enforcement Officer</td>
<td>Winters</td>
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Join us for our annual training event!
This year brings a full schedule of the latest in training for the building industry as well as some returning favorites. Strategic focus will be on code updates as we begin utilizing the new 2016 California Codes.

We are an ICC Preferred Provider—enjoy an outstanding assembly of the finest industry instructors, dynamic and informative classes as well as extremely affordable pricing.

We look forward to seeing you there!

**TIME**
Registration: 7:00am
Classes: 8:00am to 4:00pm

**COSTS**
Early Registration: Until April 15th Per Class: $135 Members | $160 Non-Members
Late Registration: After April 15th Per Class: $150 Members | $180 Non-Members

Registration includes lunch and light snacks.
Please visit [www.svabo.org](http://www.svabo.org) to complete the registration form and provide payment.

**CLASS MATERIALS**
An added bonus this year is early and convenient access to all class handouts. Log onto [www.svabo.org](http://www.svabo.org) to download and print your seminar/class information ahead of time!
Don’t forget to bring all handouts and necessary code books with you to the conference.

**LODGING**
Overnight Accommodations | Reserve by April 11th, rooms are limited!
Best Western Plus Orchid Hotel & Suites
130 North Sunrise Avenue | Roseville, CA 95661
For reservations: 916-784-2222
Group Rate: $109 | Mention "SVABO"
Visit SVABO.org to book your room online

Lake Natoma Inn
702 Gold Lake Drive | Folsom, CA 95630
Group Rate: $95 | Group Name: SVABO
[www.lakenatomainn.com](http://www.lakenatomainn.com)

**ACCESSIBILITY**
Additional information and online reservation link is available at [www.svabo.org](http://www.svabo.org)
Contact us for any special accessibility or dietary needs.
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<td>Paul Klein</td>
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**Electric Vehicles and 2016 CA Electrical Code Updates**

Mike Stone, CBO, CASp, NEMA West Coast Field Representative | NEMA

This one-day course is intended to provide essential information for Electric Vehicle Service Equipment (EVSE) installations including an overview of the electric vehicle industry, National Electrical Code requirements, disabled access regulations and emerging electric vehicle technologies. The course will also cover electrical issues in California’s Intervening Code Cycle, the 2017 NEC and emerging Technologies such as solar photovoltaics, energy storage, microgrids and the Internet of Things (IoT). The course is recommended for building officials, field inspectors, plan reviewers and others who may be interested in code requirements for these types of installations. 0.6 CEU's

**2016 Residential Energy Standards Overview**

Chris Olvera | California Energy Commission

This course will provide an overview of the 2016 Energy Standards updates for residential newly constructed buildings, additions, and alterations. The course will cover the new requirements for high performance attics and walls, instantaneous water heaters, high efficacy lighting, and much more. Additional topics include changes that clarify the requirements for signature authority and HVAC alterations along with updates to the solar ready requirements. Using sample construction documents and compliance forms, the course objective is to simplify verification of the new 2016 Energy Standards requirements for residential projects during the plan review and field inspections processes. In this course, plans examiners and field inspectors will be provided with the knowledge and tools necessary to enforce the 2016 Energy Standards. 0.6 CEU's

**2016 CEC Updates**

Todd Snider, PE, SE | West Coast Code Consultants

This class will provide a brief synopsis of some of the key changes from the 2013 CBC to the 2016 version. The class will primarily focus on changes made to nonstructural provisions (i.e. Chapters 1-16 and 24-33) with any significant issues that affect the structural requirements briefly being discussed. Significant time will be spent on chapters 5 and 10 which have been rearranged in the 2016 CBC. 0.6 CEU's

**Electrical Code 101**

Adam Sessions | Shums Coda Associates

This class is designed for electrical inspectors, plans examiners, contractors, and permit technicians who have a beginning to intermediate level of knowledge of the National Electrical Code. We will discuss basic electrical theory, organization of the electrical code, definitions, services, wiring methods, panelboards and switchboards, appliances and more. The discussion will be kept at a level that can be understood by non-electricians. You will leave with a basic understanding of how to use the electrical code and be aware of some of the new California updates. 0.6 CEU's

Mike is the NEMA West Coast Field Representative since August 2012. Prior to working for NEMA, Mike worked for over 25 years in building inspection for the County of Monterey and the Cities of Monterey, Salinas and, most recently, as Building Official for Watsonville. He is an ICC Certified Building Official, a California Certified Access Specialist and holds five other ICC certifications. Prior to his building inspection career, he was an electrician and is a Certified General Electrician in the State of California. He was the Vice-Chair of the California Plumbing, Electrical, Mechanical and Energy (PEME) Code Advisory Committee for the 2016 California Code Cycle. He is the alternate member representing NEMA on Code Making Panel 1 for the 2017 and 2020 NEC.

Chris is the supervisor of the California Energy Commission's Outreach and Education Unit. This unit develops tools, presentations, and resources to support enforcement agencies' verification of compliance with the Energy Standards. Chris has over 14 years of experience working at the Energy Commission. He began work as a student on the Energy Standards Hotline fielding questions from designers, builders, and enforcement agencies statewide regarding the Energy Standards. Chris has served in several other positions supporting a variety of programs, including HERS, ATTCP, low interest ECCA Loans, Bright Schools, and Proposition 39.

Todd serves as the Plan Review Supervisor for WC3’s Utah Operations. He has more than 10 years of experience as a plans examiner and structural design professional. He is a licensed structural engineer and has a Master’s degree in Structural Engineering. Todd is certified by ICC as a commercial building, energy, and accessibility plans examiner as well as a commercial building inspector. He has taught courses to many local ICC chapters as well as design professional organizations.

Adam is a former building official and is currently a senior plans examiner for Shums Coda Associates. He has performed residential inspections and plan reviews since 1995 on projects ranging in size from 900 to 6000 square feet and custom homes from small remodels to 20,000 square foot, multi-level mansions. His experience has covered the entire range of buildings and materials covered in the International Residential Code. He is certified by ICC as a combination inspector. He has been a regular instructor for the AZBO (Arizona Building Officials) institute since 2000.
Residential Plans Examiner/Building Inspector Energy Code Essentials
Brian Selby | Selby Energy, Inc.
This hands-on course designed to provide plans examiners and building inspectors with the knowledge and skills needed to enforce the 2016 Energy Code for residential projects more quickly and effectively. 0.6 CEUs

2016 Non-Residential Energy Standards Overview
Chris Olvera | California Energy Commission
This course provides an overview of the 2016 Energy Standards updates for nonresidential newly-constructed buildings, additions and alterations. Class will cover the requirement updates for equipment efficiencies, envelope U-factors, indoor and outdoor lighting, and much more. Additional topics include the new requirements for elevators and escalators, windows and doors HVAC lockout sensors, direct digital controls (DDC), and changes that clarify the requirements for commissioning, and indoor lighting alterations. Using sample construction documents and compliance forms, the course objective is to simplify verification of the new 2016 Energy Standards requirements for nonresidential projects during the plan review and field inspections processes. Plans examiners and field inspectors will be provided with the knowledge and tools necessary to enforce the 2016 Energy Standards. 0.6 CEUs

California Residential/Multi Family Housing Accessibility Requirements (CBC 11A and FHA)
Paul Klein, CBO, CASP, Principal, CalCasP Inc.
This class is designed for architects, engineers, building department personnel and any other professionals interested in CBC Chapter 11A - Housing Accessibility, the Fair Housing Amendments Act of 1988. The class will thoroughly examine California-mandated access requirements for newly constructed covered multifamily dwellings, dwelling unit features, common use spaces versus public use spaces serving covered multifamily dwellings, accessibility upgrades to existing multifamily dwellings, and public housing. 0.6 CEUs

Firestopping: Plan Review & Inspection
Brice Miller, CBO | Fire Containment Training Services, LLC
Firestopping has become a hot topic because of the new Firestop Inspector requirements in the 2012/2015 International Building Code (IBC). This training is designed for Plans Examiners, Fire and Building Inspectors, Contractors, Architects and Engineers. We will review the requirements of sections 714 and 715 of the IBC for joint systems, perimeter containment, through and membrane-penetrations. Discuss the new ASTM firestop inspection standards. Will receive an overview of residential requirements of fireblocking. This program will also provide code compliant solutions along with helpful hints for plans examiners and inspectors.

Brian is a Principal at Selby Energy, Inc., where his primary role is developing and delivering energy code training for the Energy Codes Ace Title 24 Essentials courses. He has over 30 years’ experience as an energy consultant and residential building designer and has been a HERS rater for over 15 years. He interacts with the California Energy Commission (CEC), Investor Owned Utilities (IOUs), association professionals and other industry stakeholders to foster education, promotion, and compliance with the California Building Energy Standards. For the past five years, he’s worked closely with CABEC and other stakeholders developing and implementing the CEA Exam program and serves on the CABEC board of directors. Brian is also a Certified Energy Analyst (CEA) and HERS Rater.

Chris is the supervisor of the California Energy Commission’s Outreach and Education Unit. This unit develops tools, presentations, and resources to support enforcement agencies’ verification of compliance with the Energy Standards. Chris has over 14 years of experience working at the Energy Commission. He began work as a student on the Energy Standards Hotline fielding questions from designers, builders, and enforcement agencies statewide regarding the Energy Standards. Chris has served in several other positions supporting a variety of programs, including HERS, ATTCP, low interest ECCA Loans, Bright Schools, and Proposition 39.

Paul has worked for multiple jurisdictions in the greater Sacramento area as a Building Inspector, Senior Plans Examiner, Assistant Building Official and Chief Building Official. Paul is currently an instructor for the, SVABO, and the American Institute of Architects Central Valley (AIA). Paul is a Certified Access Specialist (CASp) by the California Division of State Architect (DSA), is certified by the International Code Council (ICC) as an Accessibility Inspector/Plans Examiner and holds certifications from a variety of organizations such as ICC, IAPMO and NFPA. He is a member of The National Association of Accessibility Consultants (NAAC).

Brice has over 25 years’ experience as Building Official, Inspector and Plans Examiner and holds four ICC certifications. He instructs on firestopping, proposed the ICC firestop inspector certification that should be implemented in 2017, and was instrumental in the development of the new ICC book, titled "Firestopping, Joint Systems and Dampers." Brice has served on ICBO/ICC education and certification committees including the ICC Board of International Professional Standards and the IBC General Code Development Committee. He is also a part time code instructor for a local community college in Fort Collins, Colorado. Brice served for 2 ½ years as the Executive Director of the International Firestop Council.
2016 Title 24 Part 6 Essentials: Nonresidential Standards for Plans Examiners & Building Inspectors
Gina Rodda, Principal | Gabel Energy
This interactive, "hands-on" course is designed to provide plans examiners and building inspectors with the knowledge and skills needed to more quickly and effectively enforce the 2016 energy code for nonresidential projects. Envelope, mechanical and lighting features of the building and how they should meet the energy code requirements will be the emphasis of the class. 0.6 CEUs

Overview of the 2016 CRC
Bill Rodgers, SE
Denise Reese, ICC Certified Plans Examiner
Charles Nganga, ICC Certified Plans Examiner | Interwest Consulting Group
This six-hour course will focus on the non-structural provisions of the California Residential Code in its first half, and an in-depth review of the lateral bracing provisions of the CRC in its second half. This seminar is designed for prospective and beginning plans examiners. The course will provide attendees with an overview of the intent and objectives of the CRC with emphasis on Chapter 3 (Building Planning) and Chapter 6 (Wall Construction). 0.6 CEUs

2016 CBC 11B Significant Changes and Essential Concepts
Mark Wood, CBO | CalCASp, Inc.
The 2016 CBC became effective January 1, 2017. The class will focus on the most significant changes including the addition of regulations for electric vehicle charging stations (EVC). The class will be a very dynamic course focusing on major changes that will affect accessibility in construction immediately including new and amended regulations, how to apply and effectively use the new scoping and technical sections, and examples of application of the new requirements in today’s built environment. 0.6 CEUs

So You Want to Be a Code Enforcement Officer?
Pete Piccardo | City of Folsom
This class is designed for anyone who would like more information on just what it takes to be a successful and effective Code Enforcement Officer. The class will discuss data entry and case management, field inspection, common code violations, customer service, dealing with difficult people, professionalism, different remedies to gain compliance, and basic decision-making. The discussion will be kept at a level that can be understood by all attendees and will encourage an abundance of input and discussion. 0.6 CEUs

Gina has been in the energy modeling field since 1991, and is the current owner of Gabel Energy (Castro Valley, CA). She is an instructor of several dozen full day IOUs Codes and Standards trainings on the Residential and Nonresidential Title 24 Building Energy Efficiency Standards for building department staff, energy consultants, architects, contractors and design engineers. Gina is a Certified Energy Analyst (CEA) through CABEC, and a LEED AP specializing in nonresidential energy modeling for Title24 Part 6 and LEED.

Bill has over 28 years of experience in the field of structural engineering, the last 16 years of which include experience conducting plan reviews on behalf of local and state agencies throughout California and Nevada. Bill's design and plan review experience ranges from small, simple structures to large high-rise construction.

Denise studied Building Inspection Technology at Cosumnes River College and is an ICC-Certified CAGreen Inspector and Plans Examiner with experience as a building plans examiner and permit technician.

Charles is a licensed Civil Engineer. He has a Bachelor of Science degree in Civil Engineering from Jomo Kenyatta University of Agriculture and Technology in Juja, Kenya, and has a Master of Science Degree in Civil Engineering from California Polytechnic State University at San Luis Obispo.

Mark is a Certified Access Specialist and founding member of the Certified Access Specialist Institute (CASi). Mark is a Subject Matter Expert volunteering his time to the Division of the State Architect (DSA) CASp Committee tasked with question development for the CASp Certification Exam. Mark was selected to be a team of national experts working on a comparative analysis of the 2010 ADA Standards for Accessible Design and the 2010 California Building Code. Their work product was used by the Division of the State Architect to develop the 2013 CBC. CalCASp provides Federal and State accessibility instruction throughout the State for private architectural firms, local and state AIA Chapters, State Government Groups such as UC Architects and Caltrans and city and county governments.

Peter began his career with the City of Folsom, Planning, Inspections and Permitting Department and has been with the City of Folsom Code Enforcement Division for 20+ years and the supervisor of the division for the past 17 years. He also has served on the Board of Directors for the California Association of Code Enforcement Officers (CACEO) in different capacities for the past 16 years. Currently he serves as a Region 1 Northern Representative and both the communication and legislative committees. Peter has served as President, and chaired various committees. In August of '98, he earned his Code Enforcement Certification from the California Code Enforcement Corporation (CCEC).
Residential Fire Sprinkler Systems
Patrick Chew, Supervising Fire Inspector | City of Roseville
This class is based on the 2016 edition of NFPA standard 13D along with the provisions in the California Residential Code, 2016 Edition and reviewing the process from permit application to final approval. During the process, the focus will be on the critical path starting from the water purveyor to a three dimensional viewpoint while reviewing plans. The inspection process involves a review of all minimum code requirements and understanding the core issues required in having a functional system prior to occupancy. Both plan reviewers and inspectors will gain valuable knowledge in understanding the entire approval process from start-to-finish. Most importantly, attendees will learn to ask questions upon returning to their jurisdiction. A scientific calculator is recommended for this class. 0.6 CEUs

Alese Ashuckian, PE, LEED AP | APA
The overall strength of a building is a function of all the components —roof, walls, floors, and foundation—working together as a unit. This course will provide a practical, top-to-bottom overview of the gravity and lateral load path for wood framed structures and is designed for code officials, designers, or builders who would like an overview of the 2016 California Residential Code (CRC) and California Building Code (CBC) updates pertaining to wood provisions. 0.6 CEUs

Abatement of Dangerous Buildings & Legal Case Preparation for Administrative Civil & Criminal Enforcement
Josh Pino | City of Sacramento
Jose Mendez, MBA | City of Sacramento
Attendees will learn about relevant codes, abatement procedures, cost recovery, summary abatement and case law. Attendees will also learn about the various avenues available to local jurisdictions for the abatement of nuisance, substantial housing and dangerous buildings. In addition, attendees will learn how to prepare these cases from their inception. The second half of the class will cover the basics of abatements, components necessary to successfully execute abatements and the challenges of balancing public safety with cost of abatements. Class participation will be encouraged. 0.6 CEUs

Post Disaster Safety Evaluations Training
Greg Mahoney, CBO | City of Davis
Gene Ashdown, CBO | City of Winters
This training provides guidelines and procedures for making post-earthquake building safety evaluations. The purpose of these evaluations is to determine whether damaged, or potentially damaged, buildings are safe for use or if entry should be restricted or prohibited. This training provides procedures for two different levels of safety evaluation and advice on evaluating structural, geotechnical and nonstructural hazards: where to look for damage and; how to rate the safety significance of damage. This class will train credentialed persons (licensed civil engineers, architects, or certified building inspectors and plans examiners) to be SAP Evaluators to work in the field posting buildings and infrastructure for safety or usability, and will train building officials and emergency

Patrick has a total of 26 years' experience in the world of fire protection having spent the last 14 years with the Roseville fire department. Patrick is a graduate of Cal Poly, San Luis Obispo, Class of 1989 with a degree in Electronic Engineering. Pat also received a degree certification from UCLA in 2005 in Fire Protection Engineering. Pat found his love with the fire service soon after working for a company evaluating fire departments for their insurance fire protection class ratings. His first employment with the fire service was with the San Jose Fire Department where he naturally moved up the ranks as the lead for all future developments within the City representing his department at the table. Patrick believes his greatest asset is his willingness to listen to options and alternatives, as long as the decisions do not impact the public and firefighters safety.

Alese is an Engineered Wood Specialist for APA - The Engineered Wood Association. Her duties include consulting with designers on the efficient specification of engineered wood products in construction. A licensed Professional Engineer in the state of California, Alese graduated from California Polytechnic State University, San Luis Obispo with a BS in Architectural Engineering and a minor in Sustainable Environments. She is an active member of the Structural Engineers Association. Prior to joining APA, Alese worked as a structural engineer in Sacramento, CA and San Francisco, CA.

Josh is the Principal Building Inspector for the City of Sacramento. He has been an for building code and construction estimating course for LA Trade Technical College. Josh currently teaches courses related to abatement procedures, case preparation, building codes and legal aspects of the building department.

Jose manages the City's neighborhood code enforcement program, weed abatement, graffiti abatement and entertainment permit program. With over 13 years in code enforcement, Jose brings a balance of practical and theoretical knowledge to the code enforcement profession. He has managed Sacramento County's Rental Housing Inspection Program (RHIP) where he helped optimize operations with his development of the RHIP mobile inspection application.

Greg has been involved in the industry for over 38 years and a code official for over 28 years. He served as Project Manager for the Napa Earthquake Recovery Program from 2000 till 2002. He has over 12 years' experience as an Adjunct Professor at Cosumnes River College teaching in the Building Technology Program. Greg has served as Chair of the California Building Standards Commission Code Advisory Committee for Green, Plumbing, Electrical, Mechanical and Energy Codes, Chair of the CALBO Energy Commission Advisory Committee, and as a member of the ICC Consensus Committee for Commissioning Standards.

Gene is entering his 37th year in the building trades. He has served as the Building Official of the City of Winters for the last 11 years and was a field inspector/plan checker for County of Yolo for 6.5 years. He is also a trainer for the CAL OES's SAP Program and spent six days assisting in the SAP program for the City of Napa responding to the August 4, 2014 earthquake. He serves on the Napa Solano ICC Board and the Education Committee. He also serves on the CALBO Outreach and Communications Committee.
SVABO EDUCATION COMMITTEE - MEETING MINUTES
April 12, 2017  8 a.m. – 10 a.m.
Folsom City Hall
2nd Floor Community Development Conference Room
50 Natoma Street, Folsom, CA 95630

1. Call to Order –

2. Welcome and introductions—Joe Cuffe, Jim Mangino, Robert Logsdon, Scott Zangrandi, Don Wilden, Gary Eide, Steve Burger

3. Approve Minutes of 1-11-17  Approved

4. Announcements (Non-agenda Items)

5. Chairman’s Statement—

6. Class Recap--- What went well, what didn't? All went well

- February 15 & 16---The Complete Permit Tech---Steve Burger
  The Complete Permit Technician: Steve Burger
  Monitors: Terry Knox

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**NET** $10,876.56

- March 14---Simpson Updates---Don Wilden and Simpson Staff---Free Class

7. Classes for 2017 (so far)

8. Minstitute 2017—May 1-4 in Citrus Heights
   - As of April 11 we have 138 registered. The goal is 400 plus.
   - The facility was offered to us again next year at the same price. The Committee thought it would be good to get through this Minstitute and then determine if we should resign another contract and determine a date. The dates open next year are April 30-May 3 or May 7-10.
   - Instructors--- All locked in. Waiting for handouts
   - Vendors
     - 7 vendors so far. Total: $4500
       1. CEC
       2. Simpson
       3. Energy Code Ace
       4. Bureau Veritas
       5. CalCERTS  (NEW Vendor!)
       6. 4Leaf
       7. Viega  (NEW Vendor!)
   - Student registration fees
     - Raised to $135 for members $160 for non-members
     - After April 15--$150 for members $180 for non-members
   - Hotels
     - Lake Natoma Inn in --- Locked in
     - Best Western in Roseville- Locked in
   - Caterer
     - Decided to stay with Hannibal’s one additional year
     - Joe has gotten prices from others. Nice Joe! Thanks!
   - Monitors
     - At least 6 each day: 4 for registration and 2 to verify classroom set-ups
     - Monday---Steve, Joe, Gary, Robert
     - Tuesday---Steve, Gary, Jim, Robert
     - Wednesday---Steve, Gary, Scott Byrnes
     - Thursday---Steve, Joe, Robert, Jim(?)
   - Other
     - 50/50 raffle: Discussed and approved: 1 ticket for $1 or 6 tickets for $5
   - Marketing
     - Steve will contact Andrea Coley and Nancy Springer to contact other Chapters.
     - Steve will contact AIA and CIS
     - Scott will contact SEOC
   - Signs
     - Steve will make up signs for classes---3 signs for each class
     - Joe has some directional signs he can bring
9. Training classes for future Inspectors, Permit Techs and Plan Checkers On Hold until after the Minstitute.
   • Locations, dates/times, instructors, curriculum, etc.
     • Committee was asked to start seriously thinking how we could do this
     • Steve suggested a program name of “NEXT”. (New Employment Cross Training). Other names are welcome!!

10. Other Business --- CALBO Education Weeks 2017
    • September 18-21 San Ramon (Corrected dates)
    • October 16-19 Ontario
    • ???
    • Costs: Approx. $195 for members, $250 for non-members
    • ICC ABM September 10-12

11. Items for Next Agenda

12. Future Education Committee Dates and Locations
    • Meetings — The next meeting will be June 14, 2017 8 a.m. in the Folsom Community Development Conference Room, 50 Natoma Street, Folsom.

      We will be doing a postmortem of the Minstitute so
      PLEASE MARK THIS DATE ON YOUR CALENDAR!
Minutes 04-12-17.doc

All,

Please find attached the Minutes of today’s SVABO Education Committee Meeting. To the best of our knowledge we are ready to go for the Minstitute! Highlights and action items in the Minutes are in Red.

A couple of things:

- Still looking for monitors for the Minstitute...primarily just for the registration in the mornings.
  - We haven’t heard from Ron Yasui the **Registration King**. Ron, we’ll be lost without you!
  - Andrea, I’ve copied you on this email as you (and usually some of your staff) always seems to be ready, willing and able to help out with name tags, etc. Would you be available this year? Pleeeseze???
- Dee, was Todd still thinking of doing a booth or sponsoring a lunch? Absolutely no pressure but I wanted to double check.
- Marketing
• Andrea, Nancy and Dee—could you send out Minstitute announcements to the other Chapter or organizations you’re involved with? I know you all are well-connected. Thank you!

• Handouts
  • Yelena the topic of handouts came up and it was suggested that when the email goes out to students about downloading their handouts that at the very beginning of the email in large letters could it say, “CLICK THIS LINK FOR HANDOUTS! HANDOUTS WILL NOT BE PROVIDED IN CLASS! IF YOU HAVE ANY DIFFICULTIES, PLEASE CONTACT _______.”? Thanks!

If anyone has anything to add, please let me know!
Thanks!
Steve

Steve Burger, CBO, LEED AP
Chief Building Official
Community Development/Building Div.
City of Folsom
50 Natoma St, Folsom, CA 95630
o.916-461-6217
sburger@folsom.ca.us

www.folsom.ca.us
NorCal Permit Tech Committee

Minutes of March 14, 2017

Chair Michelle Menszer called the meeting to order at 12:00. Lunch was provided by Placer County.

Nor Cal Permit tech meeting was held at Placer County, 3091 County Center Drive, Auburn

**Attendees included:** Michelle Menszer, City of Folsom; Tami Dominguez, City of Folsom; Debra Erickson, Placer County; Andrea Baily, California Energy Commission; Javier Poirier California Energy Commission; Janice Poirier, California Energy Commission; Janette Gerindocious; Janette Haley, City of Rocklin; Carole Barber, County of Placer.

Lunch was provided by Placer County.

Michelle Facilitated welcome and introductions, each tech gave a short status of their jurisdiction.

Special Guest, Steve Pedretti, Agency Director for Placer County introduced himself.

Javier Perez, with California Energy Commission gave a hour long presentation educating attendees on the new Energy Code Requirements. He went into detail regarding the prescriptive requirements for residential alteration, he advised and clarified which forms to use, and how to use “Energy Code Ace” to help us do our jobs and direct residents. He educated us on the intent of the energy standards and the vision for the future. The focus was on Hot Water heaters, HVAC, fenestration & reroofs. He gave us handouts, and the Energy Standards Hotline (800-752-6245) which is an internal resource for fast, answers for staff. The public has a separate hotline (800-722-3300) for help and answers.

Stacey Rappleye with the City of Rancho Cordova has taken on a new roll, and will no longer be the Secretary/Treasurer. This position will be filled by Janette Haley, City of Rocklin.

Upcoming: Our next meeting is May 9th 1-3 in Citrus Heights with a presentation from Susan Dowty from ICC. In July we will be hosting our 1st annual Nor Cal Permit Tech Errata Extravaganza with Mia Marvelli from the Building Standards commission and yes there will be a BBQ with lots of other treats.

The meeting was adjourned at 2:30pm.

Respectfully submitted,

Janette Haley
NorCal Permit Tech Committee Secretary/Treasurer
916-625-5127
Blueprint – January-March

- 2019 Energy Standards Development
- 2016 Energy Standards are in Effect
- 2016 Compliance Software
- Open Source Software
- 2016 HERS Providers
- 2016 HERS Reference Card Now Available
- 2016 Compliance Document Upgrades
- Lighting ATTCP Training Approved for the 2016 Energy Standards
- Training Opportunities
- Q&A
  - Sun Rooms
  - Buildings and Spaces Used for Commercial Plant Growth
  - Wall Extensions in Low-Rise Residential Additions
  - Residential Compliance Documents
- Energy Code Ace Materials for the 2016 Energy Standards

Residential HVAC Videos

Educational videos are now available on the Online Resource Center (ORC). These videos cover the 2016 Energy Standards for heating, ventilation, and air conditioning (HVAC) requirements in low-rise residential buildings. To view the videos listed below, please visit the ORC at: [http://www.energy.ca.gov/title24/orc/hvac/2016_hvac.html](http://www.energy.ca.gov/title24/orc/hvac/2016_hvac.html).

- Course 1: Mandatory, Prescriptive, and Performance Requirements — Understanding the Differences
- Course 2: What’s New in 2016
- Course 3: Mandatory Measures for Heating and Cooling Systems
- Course 4: Automatic Setback Thermostats
- Course 5: Mandatory Measures for Air Distribution Systems
- Course 6: Indoor Air Quality and Mechanical Ventilation
- Course 7: Prescriptive Method of Compliance
- Course 8: Performance Method of Compliance
- Course 9: HVAC Alterations and Changeouts
Workshop – 2019 Residential Zero Net Energy Standards

Energy Commission staff will conduct a workshop to gather stakeholder input on the development of the 2019 Energy Standards.

Thursday, April 20, 2017
9:00 a.m.
CALIFORNIA ENERGY COMMISSION
1516 Ninth Street
First Floor, Rosenfeld Hearing Room
Sacramento, California
(Wheelchair Accessible)

Remote Access Available by Computer or Phone via WebEx™ (Instructions below)

Remote Attendance
You may participate in this meeting through WebEx, the Energy Commission’s online meeting service. Presentations will appear on your computer screen, and you may listen to audio via your computer or telephone. Please be aware that the meeting may be recorded.

To join the meeting:
VIA COMPUTER: Go to https://energy.webex.com and enter the unique meeting number: 927 886 484. When prompted, enter your name and the following meeting password: bees@1516.

For more information:
(if link above doesn’t work, please copy entire link into your web browser’s URL)

Upcoming Events

- Green California Summit – 04/25 - 04/26
  Presentation – 2016 Energy Standards Overview
  Booth

- ICC Plan Review Institute – 04/26
  Panel – State Agencies

- CALBO BOLA – 04/28
  Presentation – The Role of the Energy Commission

To receive regular updates via email, sign up for the Building Standards and Blueprint Listservs at:
In This Issue

» 2019 Energy Standards Development
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» Training Opportunities
» Q&A
  » Sun Rooms
  » Buildings and Spaces Used for Commercial Plant Growth
  » Wall Extensions in Low-Rise Residential Additions
  » Residential Compliance Documents
» Energy Code Ace Materials for the 2016 Energy Standards

2019 Energy Standards Development

Even though the 2016 Building Energy Efficiency Standards (Energy Standards) just took effect, planning for the 2019 Energy Standards is already in progress. The Statewide Utility Codes and Standards Team (Utility Team) is a group of representatives from publicly and privately owned utilities that supports the California Energy Commission (Energy Commission) with revising the Energy Standards. The goal is to achieve energy savings through reasonable and cost-effective changes to the Energy Standards.

The evaluation by the Utility Team is one part of the 2019 Energy Standards development process. The Energy Commission will be hosting workshops to propose and evaluate additional requirements including residential photovoltaics (PV).

The proposed requirements being evaluated by the Utility Team for the 2019 Energy Standards affect:

» Nonresidential lighting
» Residential and nonresidential heating, ventilation, and air conditioning (HVAC)
» Residential and nonresidential indoor air quality and ventilation
» Residential and nonresidential demand response
» Residential water heating
» Residential and nonresidential envelope
» Process

The Utility Team is hosting a series of webinars throughout March. Each webinar covers a specific topic related to the proposed changes. Public participation is welcome and encouraged. These webinars provide an opportunity to share input on the proposed recommendations to the Energy Commission. The agendas and presentations for each webinar are posted. Sign up for an invite to attend the webinars and to stay informed about the utility-sponsored outreach process.

For more information, contact the Utility Team at: Email: info@title24stakeholders.com

2016 Energy Standards are in Effect

The 2016 Energy Standards went into effect on January 1, 2017. Permit applications submitted on or after this date must meet the requirements of the 2016 Energy Standards.

Many great resources are available to help with implementation, including:

» Online Resource Center
» Energy Standards Hotline
» Quick Linked TABLE 100.0-A
» 2016 Residential and Nonresidential Compliance Manuals
» 2016 Compliance Software
» 2016 Low-Rise Residential Mandatory Measures Summary
2016 Compliance Software

The Energy Commission has approved several compliance software programs for the 2016 Energy Standards.

For residential buildings, the following programs are approved:

» CBECC-Res
» EnergyPro
» Right-Energy Title 24

For nonresidential buildings, the following programs are approved:

» CBECC-Com
» EnergyPro
» IES Virtual Environment

The list of approved software versions and their corresponding approval and expiration dates is available on the compliance software web page.

Open Source Software

CBECC software is now open source. This makes all of the source code of one of the world's most advanced building modeling software programs available to the public for free. Other entities can now alter the source code to help meet their energy efficiency goals.

CBECC software is a free computer program developed by the Energy Commission. This software is used to demonstrate compliance with the Energy Standards.

The open source project is available at: https://github.com/CBECC-software/cbecc

2016 HERS Providers

The Energy Commission has approved CalCERTS and CHEERS as Home Energy Rating System (HERS) providers for the 2016 Energy Standards.

CalCERTS, Inc. is approved to train and certify HERS raters for:

» Field verification and diagnostic testing for newly constructed and additions to residential buildings.

» Field verification and diagnostic testing for alterations of residential and nonresidential buildings.

» California whole-house home energy ratings.

CalCERTS may be reached at:
Email: info@calcerts.com
Phone: (877) 437-7787

CHEERS is approved to train and certify HERS raters for:

» Field verification and diagnostic testing for newly constructed and additions to residential buildings.

» Field verification and diagnostic testing for alterations of residential buildings.

CHEERS may be reached at:
Email: info@CHEERS.org
Phone: (800) 424-3377

HERS providers are approved based upon several factors, including their ability to:

» Train and certify HERS raters.

» Create and maintain a registry and database.

» Provide ongoing access to their registry and database for Energy Commission staff.

» Create a quality assurance program and conduct quality assurance inspections on their HERS raters' work.

» Report annually to the Energy Commission as required by Title 20.

For more information, please visit the HERS program web page.
The selection of documents for projects that do not require HERS verification has also been expanded. These documents were previously only available through a HERS registry. The newly available documents include:

- Pool and spa heating systems
- Solar water heating systems
- Whole house fans

These documents do not have watermarks and do not require registration with a HERS provider.

NOTE: All compliance documents for a project must be registered with a HERS provider if HERS verification is required or modeled for compliance credit.

**Lighting ATTCP Training Approved for the 2016 Energy Standards**

The Energy Commission has approved the California Advanced Lighting Controls Training Program’s (CALCTP) nonresidential lighting controls Acceptance Test Technician Certification Provider (ATTCP) application updates for the 2016 Energy Standards. CALCTP can now train, certify, and recertify lighting controls acceptance test technicians (ATTs) and their employers under the 2016 Energy Standards.

For more information, visit the ATTCP web page.

**Training Opportunities**

Did you know that the utilities provide free Energy Standards training? These opportunities are available throughout the state. Training schedules are now conveniently listed on the Energy Commission’s Utility Sponsored Training Schedules web page.

Training sessions are offered in a variety of formats, including in person, live webinar, and on demand. It is likely there is a session that fits your schedule.

Be sure to check back often as schedules are updated regularly.

NOTE: Opportunities offered by investor-owned utilities are listed jointly through Energy Code Ace. Opportunities provided through publicly owned utilities are listed individually.
Sun Rooms
The 2016 California Residential Code (CRC) introduced sunroom categories. One of these sunrooms, a Category IV, is conditioned but non-habitable. Are Category IV sunrooms subject to the requirements of the Energy Standards?

Yes. Section 100.0(c)1 requires all conditioned space in a story to comply with the Energy Standards. The requirements of the Energy Standards apply regardless of the space being habitable or non-habitable.

Section R301.2.1.1.1 of the CRC defines Category IV sunrooms as:

“A thermally isolated sunroom with enclosed walls. The sunroom is designed to be heated or cooled by a separate temperature control or system and is thermally isolated from the primary structure...”

Category IV sunrooms are directly conditioned if they are provided with mechanical heating exceeding 10 Btu/hr-ft² or mechanical cooling exceeding 5 Btu/hr-ft². Sunrooms meeting this definition must meet all applicable requirements, including:

- Envelope
- Lighting
- Mechanical
- Solar ready
- Water heating

Buildings and Spaces Used for Commercial Plant Growth
Are buildings and spaces used for commercial plant growth regulated by the Energy Standards?

Yes. These buildings and spaces are within the scope of the Energy Standards, and the nonresidential requirements apply.

What requirements must be met if the building or space used for commercial plant growth is conditioned?

Directly and indirectly conditioned spaces must meet all applicable requirements, including:

- Envelope
- Mechanical
- Lighting
- Solar ready
- Power distribution
- Water heating

Are buildings or spaces used for commercial plant growth that use only an evaporative cooler (swamp cooler) for space conditioning subject to any requirements of the Energy Standards?

Yes. These buildings and spaces must meet all of the applicable requirements for unconditioned nonresidential buildings, which primarily consists of lighting and power distribution requirements. Cooling of a space by direct or indirect evaporation of water alone is not considered mechanical cooling.

Do grow lights in buildings and spaces used for commercial plant growth have to meet the prescriptive lighting power allowance requirements of Section 140.6?

Yes. Section 140.6(a) requires the total watts of all permanent and portable lighting systems be used to calculate the actual indoor lighting power. However, Section 140.6(a)36 excludes the lighting wattage of grow lights if they are controlled by a multi-level astronomical time-switch control.

The multi-level astronomical time-switch control must be listed in the Appliance Efficiency Database.

Grow lights are still subject to the applicable mandatory indoor lighting requirements, including:

- General lighting (Section 130.0)
- Indoor lighting controls (Section 130.1)
- Acceptance testing and installation certificates (Section 130.4)
Wall Extensions in Low Rise Residential Additions

The 2016 Energy Standards allow for the extension of existing wood-framed walls in additions to retain the dimensions of existing walls. What is considered a wall extension as described in Sections 150.2(a)1Ai and 150.2(a)1Bii?

Figures 2 through 4 are examples of common ways new walls are connected to existing walls.

In Figures 2 and 3, the new wall extends out straight from an existing wall. These are considered wall extensions. The new walls in Figures 2 and 3 are 2x4 framing, and are only required to have R-15 cavity insulation. If the existing wall had 2x6 framing, the new wall would also have 2x6 framing and would require R-19 cavity insulation (not shown).

In Figure 4, the new wall is perpendicular to the existing wall. This is not a wall extension, and is subject to the prescriptive insulation requirements of Section 150.1(c)1B. In most cases, this will require 2x6 framing with both cavity and continuous insulation.

NOTE: The figures show horizontal wall extensions. These requirements are also applicable to vertical wall extensions such as a second floor addition.
Residential Compliance Documents

Are residential compliance documents always required to be registered with a HERS provider?

No. All compliance documents must be registered only if HERS verification is required or modeled for compliance credit.

Examples of prescriptive projects that do not require registered compliance documents include:

» Roof surface replacements
» Water heater replacements
» Window replacements
» Non-ducted wall furnace replacements

Compliance documents for these types of projects are available without watermarks.

Do all residential projects require compliance documents?

No. Sections 10-103(a)1C and 10-103(a)3C state that enforcement agencies may, at their discretion, choose not to require compliance documents for prescriptive residential alteration projects that do not require HERS verification. Prescriptive additions less than 300 ft², which do not require HERS verification, may also be exempted from submitting compliance documents.
Happy New Year from Energy Code Ace!

Welcome to a New Year, New Code, and New & Improved Site.
Featuring a veritable cornucopia of new offerings to help you decode the new
2016 Title 24, Part 6 -
and a great new way to find them all quickly and easily

Ace Resources™
Our popular resources have been updated for the 2016 Standards - and we’ve added some fantastic Application Guides to the suite. Use our new filters to find the topic and type that fits your needs!

- **Application Guides** - New this year, these short manuals include compliance requirements and recommendations for implementing Title 24, Part 6 in nonresidential and residential new construction, additions and renovation projects.
- **Fact Sheets** - Check out our 28 “quick reference” summaries of key requirements, forms, definitions and resources for implementing Title 24, Part 6.
- **Trigger Sheets** – These handy table-format quick references offer component-by-component summaries of sections of Title 24, Part 6 “triggered” based on project scope.
- **Checklists** – Our easy-to-use residential and nonresidential checklists for Building Inspectors and Plans Examiners offer step-by-step guidance for plans checks and field inspections.
Our training courses target a wide range of "hot topic" measures and audience groups, and are provided in a variety of formats to better match your learning needs and schedule. And they are all provided free of charge!

- **Traditional Classroom** - Available through sponsoring utility energy centers or at a location of your request
- **Virtual Classroom** - Delivered online in real-time by an instructor
- **Online Self-Study** - Allows you to train at your convenience
- **Decoding Talks** - Online facilitated discussions with industry professionals
- **On-Demand Video Training** - Shorter online modules, available when you are ready

Classroom and online training covering the new Standards include the popular *Title 24, Part 6 Essentials* series full-day classes and the shorter courses on *Title 24: Where We’re Headed with the 2016 Standards*. The site's library of recorded Decoding Talks includes a number focused on helping industry professionals understand and comply with the 2016 Standards.

Use the filters to find the perfect class to help you "decode" the California building and appliance energy efficiency standards.

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Our [suite of free tools](http://www.EnergyCodeAce.com) has also been updated and improved for the 2016 standards!

- **Navigator Ace**™ - Step-by-step guide to the Title 24, Part 6 compliance process
- **Forms Ace**™ - A web-based tool that aids in determining which compliance forms are applicable to your specific project
- **Reference Ace**™ - Helps you navigate the Standards using key word search capabilities, hyperlinked tables and related sections
- **Installation Ace**™ - A "field guide" providing photos and text to assist you in identifying proper installation techniques

Visit [www.EnergyCodeAce.com](http://www.EnergyCodeAce.com) to find out how we can help you play your cards right by complying with California’s building and appliance energy efficiency standards.

And while you’re there, register so we can keep you updated about our new offerings, and *Title 20 and Title 24, Part 6 news*.

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This program is funded by California utility customers under the auspices of the California Public Utilities Commission and in support of the California Energy Commission.
<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00 AM</td>
<td>Welcome (5 minutes)</td>
<td>Payam Borzogchami</td>
</tr>
<tr>
<td>9:05 AM</td>
<td>Introduction to the 2019 Standards Update (20 minutes)</td>
<td>Payam Borzogchami</td>
</tr>
<tr>
<td>9:25 AM</td>
<td>Energy Design Ratings and Zero Net Energy Residential Buildings (50 minutes)</td>
<td>Mazi Shirakh E3</td>
</tr>
<tr>
<td>10:10 AM</td>
<td>Public Comments and Questions (45 minutes)</td>
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<tr>
<td>11 AM</td>
<td>Break for Lunch</td>
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<tr>
<td>12:00 PM</td>
<td>PV Sizing - Incorporating Photovoltaics into Newly Constructed Residential Buildings (45 minutes)</td>
<td>Mazi Shirakh E3</td>
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<tr>
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<td>Public Comments and Questions (45 minutes)</td>
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<td>Model PV Ordinance (30 minutes)</td>
<td>Christopher Meyer</td>
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<td>2:00 PM</td>
<td>Public Comments and Questions (30 minutes)</td>
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Note: Times are approximate and schedule is subject to change; there will not be a pause between presentations regardless of timing of earlier presentations.
International Code Council Government Relations Update – April 2017
Follow @ICC_GR on Twitter for breaking GR news throughout the month!

Are you ready for 2017 Building Safety Month? Contact Karla Higgs for 2017 ICC BSM posters
May is 2017 Building Safety Month and ICC would like to provide your Chapter with a complimentary set of two Building Safety Month posters. If you are interested in receiving these free posters, please email Karla Higgs, Vice President of Membership Services at khhiggs@icc Savage.org. Include the name and mailing address of the person who should receive the posters.

All the Building Safety Month promotional and educational resources are available at www.buildingsafetymonth.org, including step-by-step instructions to organize a community activity, obtain resolutions from your mayors, and more. Members may download many of the Building Safety Month toolkit items completely free from the website. Members may also purchase printed brochures, stickers, pencils and other promotional items from the International Code Council’s online store while supplies last.

ICC Chapters are such an important part of this annual initiative. Be sure to email Jacob Karson at jkarson@icc Savage.org any photos, news items or information about the Building Safety Month events your Chapter sponsors.

NOW OPEN! Primary Representatives asked to log in to ICC’s new Electronic Voter Validation Site
The new, improved International Code Council’s Electronic Voter Validation Site is now open. All Primary Representatives of current ICC Governmental Members are urged to access the new site. Simply click here and login to validate Governmental Member Voting Representatives, up to the maximum number available for your population. Remember: Governmental Member Voting Representatives must be validated each year. This year, Voting Representatives must be validated by August 11, 2017, in order to vote during the upcoming 2017 Annual Business Meeting in Columbus, Ohio. Should you have any questions or need additional information, please contact ICC Member Services at members@icc Savage.org or call the Member Services staff at 888-ICC-SAFE (888-422-7233) x33804.

Three tracks offered May 22-26 at ICC’s Training and Certification Summit in Arlington, Texas
Registrations are rolling in for the popular International Code Council’s (ICC’s) Training and Certification Summit on May 22–26 at the University of Texas at Arlington. Held in conjunction with the 25th Building Professional Institute’s education program, ICC’S Summit will feature three unique training tracks designed to help expand your knowledge on building safety, inspections, leadership and communication in the workplace. In addition to training, you will also have the opportunity to take ICC Certification exams. Click on the following tracks for complete descriptions and instructor bios:

Track 1: Leadership Institute
Track 2: Principles of Building Safety Institute
Track 3: Residential Building Inspector Certification Academy

Special discount pricing – All International Code Council members will receive special discount pricing to attend. The regular price for each 3-day track is $450, but we are offering you and your members the opportunity to participate at our ICC Member price of $350. To receive the discount price to attend the Summit, click here to Register. And check out the free publications related to tracks 1 and 2. For complete details including Summit registration, schedules, ICC Certification exams, pre-event meetings and hotel/travel information, visit www.icc Savage.org/TCS. If you have any questions or need additional information, please call 888-422-7233, ext. 4333 or send an email to conference@icc Savage.org.
ICC-ES issues evaluation report for a shipping container used as a building material for the first time
ICC-ES has issued its first evaluation report for a shipping container used as a structural building material to SG Blocks, Inc. of Nashville, Tenn. The evaluation report, FSR-3764, addresses the structural steel used in the shipping container and the quality control process for selecting shipping containers. The report does not address modifications to the individual containers in an as-built environment.

Quality shipping containers used in maritime commerce are subject to rigorous inspection mandates. The report incorporates references to the maritime requirements as a means of establishing quality control parameters for use of the containers when they are incorporated for use as a building material. Once accepted for use, the containers are subject to the requirements of the applicable code or codes used in the jurisdiction. Click here for a video on how you can use ICC-ES’s evaluation reports.

ICC PMG Membership Council offers video library to assist plumbing, mechanical and fuel gas officials
As part of its goal to serve the needs of plumbing, mechanical and fuel gas officials, the ICC PMG Official Membership Council is providing links to videos published by third parties. Products identified in the videos have an ICC Evaluation Service report or listing and have been tested in accordance with ICC-ES procedures to comply with applicable codes and standards. The service provides easier access to these videos for general consumption, and should not be construed as a product endorsement by ICC. Click here for more information and to see the videos.

April 10 is the deadline for final comments on 2018 code update process
Step 1 was completed in obtaining feedback on the 2018 code development process when the surveys were received by the Feb. 15 deadline. This information has been compiled into a Summary of Feedback Received. The last deadline for comments April 10 seeks opinions on the Summary of Feedback. Feedback is presented in a logical flow based on code development steps and is keyed to a corresponding number. When providing comments, please cite the feedback number. Submit your comments to ICCCodeProcessFeedback@iccsea.org.

June 1 is the deadline to sign up for 2018/2019 Cycle Code Committees
With the posting of the Final Action for the 2016 Group B Cycle, the 2018/2019 Code Development Schedule is now available. In conjunction with the posting of the 2018/2019 Schedule, a Call for Committee for 2018/2019 Cycle code committees and related cycle committees has been issued. The application deadline for 2018/2019 Cycle related committees is June 1.

ICC asks McKinley Advisors to administer poll on the value of code officials to communities
McKinley Advisors, an independent consulting firm, is administering a poll on behalf of the International Code Council. Your participation will help the Code Council gather insight on the value of Code Officials to the larger community, as well as ways in which you are already promoting the profession. The survey should take no longer than 5 minutes to complete and individual responses will be kept confidential. You should have been sent the electronic poll by now. If you have any questions or need assistance, please contact Candace Vanderpoel, Research Manager at McKinley Advisors, by emailing surveys@mckinley-advisors.com. Thank you for your time and insight.

‘When Disaster Strikes Institute’ set for May 4-5 in Columbus, Ohio
This essential course for all building and code officials and licensed professionals focuses on skills, knowledge, and tools to help them become a disaster response inspector. Participants will learn the ICC disaster response process, which will enable them to respond to a disaster site prepared to interface with the onsite command structure and become a resource in identifying unsafe buildings and uninhabitable structures. Participants as disaster responders will be able to respond to a disaster site,
prepare to become a resource to that jurisdiction and to identify buildings in accordance with the ICC, ATC and the authority having jurisdiction. Participants will be better able to:

- Explain the role of the National Incident Management System
- Prepare for mobilization prior to a disaster
- Execute site mobilization procedures
- Conduct a site inspection
- Estimate damage by percentage of structure or by dollars per square foot
- Post standardized notices and/or alternative notices
- Communicate with affected persons at the disaster site

Click here for registration information. The institute is co-sponsored by the Ohio Building Officials Association.

Three-day ‘Fire and Life Safety Institute’ to start May 8 in Park City, Utah
Park City will be the site of the Fire and Life Safety Institute on May 8-10 where participants will receive an overview of the fire and life safety requirements of buildings as indicated in the 2015 International Building Code® (IBC®). The institute will address critical topics to enhance technical skills, deepen understanding and help them gain the necessary knowledge and tools to apply the code effectively efficiently and reasonably. The topics that will be covered include building classification, fire protection and means of egress. Upon completion, participants will be better able to:

- Identify and describe the 26 specific occupancy groups established in the 2015 IBC.
- Identify the characteristics of the nine types of construction set forth in the 2015 IBC.
- Determine the allowable height and area of a building based upon its occupancy classification, type of construction, and special features.
- Apply the special provisions applicable to mixed-occupancy and unlimited area buildings.
- Explain the scope of the fire-resistance-rated and smoke-resistant provisions in Chapter 7.
- List the hazards associated with interior finishes, decorative materials and trims.
- Identify the individual building components that require a fire-resistance rating.

Click here for registration information.

ICC and NOWRA to co-publish the International Private Sewage Disposal Code
The International Code Council (ICC) and National Onsite Wastewater Recycling Association (NOWRA) announce an agreement to co-publish the International Private Sewage Disposal Code® (IPSDC). The IPSDC addresses the best practices and technologies to ensure the safety and welfare of communities, individuals, and businesses that utilize their own onsite wastewater solutions. Currently adopted within 17 states and by 102 jurisdictions, the U.S. territories of Guam and Puerto Rico, as well as in Abu Dhabi, the IPSDC is quickly becoming the primary resource for communities that wish to implement safe, affordable private sewage disposal solutions.

Through leveraging the combined expertise of ICC’s and NOWRA’s memberships, the collaborative effort on the IPSDC will facilitate the use of the latest science-based best practices and innovative technologies in safely handling onsite, decentralized wastewater, thereby reducing customers’ costs. The IPSDC addresses inconsistencies within many regulations that dictate how decentralized systems can be designed, installed, and operated. The code development cycle for the 2018 IPSDC is complete and the latest issue will be available through the ICC and NOWRA websites in 2017. Communities looking for more information to adopt the IPSDC can contact their state’s Government Relations Regional Manager.

Federal Court rules standards do not lose copyright protection when incorporated by reference
A Federal Court ruled in February that standards do not enter the public domain, and do not lose their copyright protection, when they are incorporated by reference into regulations. The case involved a
lawsuit filed by ASTM International, the National Fire Protection Association, and the American Society of Heating, Refrigerating and Air-Conditioning Engineers against Public.Resource.org, which had, over an extended period of time, posted numerous copyrighted codes and standards on its website. The Court permanently barred Public.Resource.org from any unauthorized use or distribution of certain of the plaintiffs’ copyrighted materials.

**Significant changes to the 2015 PMG codes aimed at preventing problems with condensate pumps**

Condensate pumps are often located in attics and crawl spaces and above ceilings where they are not readily observable. If they fail, the condensate overflow can cause structural damage to the building, especially where the overflow will not be noticed immediately. *An addition to Section 307.6* states that condensate pumps located in uninhabitable spaces and used with condensing fuel-fired appliances and cooling equipment must be connected to the appliance or equipment served by the pump to prevent water damage in the event of pump failure.

**Federal program to reduce windstorm impacts requests comments on new strategic plan**

Windstorms, most often in the forms of hurricanes and tornadoes, are the largest loss-producing natural hazard in the United States and have caused more than $70 billion in economic losses and more than 4,500 deaths since 1980. The National Institute of Standards and Technology (NIST) released its draft of the National Windstorm Impact Reduction Program (NWIRP), a new strategic plan to reduce loss of life and property from windstorms. The plan maps out a pathway to better understand, assess the impact from, and protect against windstorms. To counter devastation and bring losses significantly down, Congress created NWIRP, marshaling the expertise and resources of four federal agencies: NIST, the Federal Emergency Management Agency, the National Oceanic and Atmospheric Administration and the National Science Foundation. Other federal agencies that are also involved are the Federal Highway Administration, the Department of Housing and Urban Development, the U.S. Army Corps of Engineers and the Department of Energy.

**Non-profit founder seeks safe swimming conditions through International Swimming Pool & Spa Code**

Laura Metro, founder of the [CPR Party that provides free CPR training](https://www.cprparty.com), is seeking to provide basic swim lessons for citizens and tax credits for companies providing resources to make people water-safe. Metro proposes that one way to prevent drowning incidents is to give swimming pool and spa professionals incentive to build and upgrade pools that comply with the Code Council’s *International Swimming Pool & Spa Code*. "If we arm swimming pool and spa professionals with the correct tools and incentives to build new pools to code and upgrade existing pools, we will save thousands of lives and millions of dollars in medical costs," she said.

**Is your ICC Chapter using the current ICC logo on its website and other publications?**

Please check your Chapter’s website and publications to make sure that if it’s using the ICC logo, that it’s the current logo. Use this link to see the current version of the official ICC logo, and to download it for your Chapter’s use: [https://www.iccsafe.org/download-icc-logos/](https://www.iccsafe.org/download-icc-logos/)

**NOTE:** If you’d like to share what your Chapter or city is planning for 2017 Building Safety Month, please [contact your ICC Government Relations Liaison today](https://www.iccsafe.org/contact-us). We’d like to let others know that you’re proud to support Building Safety Month!
Upcoming Dates:
- April 14: Registration closes for CALBO Leadership & Advocacy Day
- April 24-28: Plan Review Institute in Sacramento click here
- April 26: CALBO’s Leadership and Advocacy Day in Sacramento (free) CALBO Leadership & Advocacy Day
- MAY 2017: Building Safety Month! Info here: 2017 Building Safety Month, and here: 2017 Building Safety Month Store Items Please let me know if you have any activities planned.
- May 1: Free L.A. ICC Member Forum. Sign up: Code Council Training and Member Forum Roadshow
- May 10: City of San Jose Building Safety Month Event: San Jose BSM Event 6-8 pm
- May 22-26: ICC Training and Certification Summit (University of Texas at Arlington): Info on Summit
- June 1: Deadline for Code Committee Application. (See Note 2 below) Current Calls for Committees
- June 6-7: Chapter Leader Academy, Atlanta GA; Facebook page: click here for Facebook Group Page
- August 11: Last day for Primary Representatives of current ICC Governmental Members to validate Governmental Member Voting Representatives. click here
- August 15: Deadline for submitting Chapter’s Annual Report (see Note 3)
- Sept 10-12: ICC’s Annual Conference: Columbus OH: click here for info

Reminders:
- If you are not receiving ICC eNews, sign up here to receive: http://www.iccsafe.org/about-icc/periodicals-and-newsroom/enews/
- ICC Region 1 website: http://www.iccregion1.com/
- If you would like to have an ICC Board of Director member attend a chapter meeting, here is the link where requests can be made: http://www.iccsafe.org/membership/chapters/icc-chapter-meeting-request-2/
- ICC AdHoc Committee on Tall Wood Buildings: http://www.iccsafe.org/codes-tech-support/cs/iccad-hoc-committee-on-tall-wood-buildings/

Notes:
1. ICC Code Development feedback received thus far can be found here: http://media.iccsafe.org/news/icc-enews/2017v14n11/enews_040617v2.html. Feedback is presented in a logical flow based on code development steps and is keyed to a corresponding number.
The 2018/2019 Code Development Schedule is now available click here for 2018/19 schedule. In conjunction with the posting of the 2018/2019 Schedule, a Call for Committee for 2018/2019 Cycle code committees and related cycle committees has been issued. The application deadline for 2018/2019 Cycle related committees is June 1. Click here: Current Calls for Committees
3. August 15th is the deadline to submit the chapter’s 2017 Annual Reports so that the chapter can receive all Chapter benefits, including a complimentary registration to the 2017 ICC Annual Conference or a complimentary attendance at the 2nd Annual Chapter Leadership Academy in Atlanta, Georgia June 6-7. To submit your Chapter’s Annual Report, log in to your My ICC account and choose “My Chapters.” From there, you can “View/Edit Chapter Details,” including adding an Annual Report. If you have questions or comments, please contact Karla Higgs, Vice President Member Support, at 888-ICC-SAFE (888-422-7233) x5268 or email chapters@iccsafe.org.
4. In preparation for Building Safety Month in May, ICC is hosting a photo contest centered around this year’s theme—Code Officials—Partners in Community Safety and Economic Growth. Your participation in this contest will help raise awareness of the code official profession and will inspire others to follow in your footsteps! Here is where you can find the details: Code Heroes Photo Contest

Please let me know if you would like to discuss these announcements or have any questions,
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