



May 4, 2021 Meeting Minutes

Redwood Empire Association of Code Officials

1007-B West College Avenue # 326 Santa Rosa, CA 95401

May 4th Meeting was held virtually on WebEx

1. CALL TO ORDER AND PLEDGE OF ALLEGIANCE

The meeting was called to order at 12:02 pm. by Steve Neely, which was followed by the pledge of allegiance.

2. SELF INTRODUCTIONS - (Officers, Guests, Members) skipped because a list of attendees was on the screen. There were 23 members and guests at this meeting.

3. APPROVAL OF MINUTES -

A motion to approve the November meeting minutes was made by Eric Seabrook and seconded by Steve Buffenbarger with the membership voting to approve the minutes as posted to the REACO website.

4. OFFICERS REPORTS

President: David Willoughby – Not present, Steve Neely will be running the meeting today.

1. We are planning on having a joint meeting with the SCFPO's at the Lucchesi Center, 320 N. McDowell Blvd, Petaluma tentatively on June 23, 2021. The date, time, and agenda will be put on our website in May. Devon is trying to keep the same general format as past meetings in which updates from the State Fire Marshal's office and others are given in the morning followed by the SCFPO and REACO reports and then some discussion topics and or training in the afternoon.
2. No meeting in July and we are planning on having the August 3rd meeting in person at Cattlemen's with a virtual component.

Treasurer: Kris Kuntz –

March Account transactions summary:

Checking beginning balance:	\$24,562.46
Deposits:	\$ 60.00
Interest	\$.20
Debits and Checks:	<u>\$ (60.00)</u>
Checking ending balance:	\$ 24562.66

- Steve Neely verified the checking account balance to be correct.

Vice President: Steve Nelly –

- No Report

Secretary: Matt Keizer –

- No report

Past President: Jay Bradford –

- No Report.

LIAISON REPORTS

SCFPO: Devon Gambonini

- Looking forward to a joint meeting with REACO June 23rd at the Petaluma Community Center 9:30 – 3:30. See attached Document.

ICC: Jim Sayers –

- Committee auction hearing are going well.
- June is the next board meeting.
- Also see attached ICC Chapter Updates for May 2021, and ICC monthly update May 2021, for more information and links.

ICC: Susan Dowty –

- Building Safety Month is here! Visit www.buildingsafetymonth.org for resources. Please feel free to send me your proclamations and events for posting on the ICC [website](#).
- This year ICC's annual conference and fall hearings will be held September 19-28 in Pittsburgh, PA. The event will look a little different with some sessions moving to a virtual format. More information [here](#).
- There are many resources available for the American Rescue Plan and how funds can be used by code departments. Click [here](#) for EXCEL spreadsheet download to find out estimated funds your jurisdiction will receive; more details [here](#). The webinar slides for “**The American Rescue Plan: Funding for Code Departments**” are available [here](#) and a recording of the webinar is available [here](#).
- ICC Region I Chapter has a [YouTube channel!](#) Check out the two member highlight videos featuring Region I President Sam Palmer and CALBO President Shane Diller.
- Two upcoming virtual training events from the Code Council Learning Center:
 - **June 29 - [2019 CRC Essentials](#)**
 - **June 30 - [2019 CBC Essentials](#)**
- ICC Pulse Podcast: [Episode 39](#) “On California’s Code Adoptions and Dedicating a Career to Building Safety.” [Sara Yerkes](#), Code Council Senior VP of Government Relations talks with [Bob Raymer](#), Senior Engineer and Technical Director at CBIA Sacramento, about his experience with California’s code adoptions and on his career as a code official.
- Also see attached Monthly Update document for full report and links.

CBOAC: Eric Seabrook --

- 57th Annual Business Meeting was held on April 20 -21 and went well.

CALBO: Shane Diller –

- Absent
- Also see attached 2021 Summer Conference and Mini Ed week document for full report, links, and training information.
- Charles Lucas will be attending the summer conference and will report back.

CEC: Amie Brousseau --

- NEW trainings on the website.
- Also offering trainings please contact Amie if interested. Amie.Brousseau@energy.ca.gov
- Also see Efficiency Division Updates May attached document for full report, links, and training information.

IAEI: Mike Stone/Doug Hughes –

- Mike reported IAEI section meeting, south western location of meeting August 29th – September 2nd and will be held in Sparks NV. Tuesday would be a good day for inspectors that would like training. Notices will be sent out soon.
- 2023 NEC first draft hearings have been completed. First review will be posted July 2nd on the NFPA website.
- Cal Green advisory meeting was held and there will be big changes in EV charging spaces. More info to come on load management systems. Will have more info at the June meeting.

BayREN: Christine Condon –

- 6-Week online training continues this month. See attached document for times and topics.
- Mentioned online training is available on their website. <https://www.bayrencodes.org/services/trainings/>
- Also see BAYREN attached document for full report, links, and training information.
- Feel free to reach out to Christine with any questions.

SMART: Doug Williams –

- Smart is continuing a modified schedule.
- May they will be working on a freight service.

RECSI: Pete Lemone –

- Will be a virtual monthly meeting the first Thursday of each month.
- Also will be opening board and committee possessions for the upcoming year.

RECSI: Carolyn Glanton reported –

- Excited to announce the opening of their Advanced Energy Center in Santa Rosa June 15th. See attached document.
- There was also a conversation about what a trade contractor can or cannot do. See CSLB contractor's restrictions to scope of work depending on their class of License.
- There was a conversation on night time ventilation systems and if they require HERS testing and energy docs. More information to come.

ICC Region 1: Charles Lucas –

- Charles attended the Region 1 meeting and it went well.
- July 27 is the next meeting.
- See attached Agenda.

AIARE:

- No Report

1. COMMITTEE REPORTS**Structural Hardening Committee: --**

- Jay Bradford noted the next meeting will be May 18th and they are inviting stakeholders to that meeting.
- More information to come at next meeting.

Education Committee: Eric Seabrook / Kevin Scheumann –

- Please try to attend the Energy training offered by BayRen above.

- Talked with Mike Stone and Mike will be able to set up some NEMA training for REACO in the next 30-60 days. More information to come.
- Also looking into an 11A class.
- Also looking for members that would be interested in participating in the education committee, please contact Eric if interested. Eric@phillipsseabrook.com

Web-Site Committee: David Willoughby -

- No issues to report.
- We have made adjustments to the membership payment page.

Audit Committee: Jay Bradford/Doug Williams

- A motion was passed to disband the Audit committee. First by Charles Lucas second by Tony Piazza.

Virtual Membership Meeting Committee: Sal Lucido, Tony Piazza, Jay Bradford –

- There was a conversation about cost and the capabilities that membership would like to see, and how involved a virtual meeting will be. The board will discuss what service level we are looking for and get back to the Virtual Meeting Committee.

CORRESPONDENCE AND ANNOUNCEMENTS:

- Additional request for support for Kris Bridges – See attached request
- Sonoma County Vegetation Management Project Grant Program – Flyer attached.

2. LEGISLATIVE NEWS:

- A new state law (§65914.5 California Government Code) automatically grants 18-month extensions instead of the normal 1 year.

3. CODE ISSUES:

- None

4. PROGRAM:

- An overview of remote virtual inspections. See attached slide documents.

5. OLD BUSINESS:

1. There are 5 ICC board seats up for election this year. REACO has received 3 requests for letters of support from:
 - a. Jim Sayers
 - b. David Spencer
 - c. Benjamin Breadmore

Here are the seats and current board members holding those seats:

1. Section A – 3 year (currently occupied by Stuart Tom, who qualifies to run for a second full term)
2. Section E – 3 year (currently occupied by Kris Bridges, who qualifies to run for a second full term)
3. At Large – 3 year (currently occupied by Donny Phipps, who has announced he is running for Secretary-Treasurer)

4. At Large – 3 year (currently occupied by David Spencer, who qualifies to run for a second full term)
5. At Large – 3 year (currently occupied by Jim Sayers, who qualifies to run for two more full terms)

Action:

1. Motion to write a letter of support to the ICC Board for Jim Sayers by Jay Bradford and 2nd by Charles Lucas. Motion carried.
2. Discuss the proposal by Jeff Debois PE at Johnson, Debois & Forrest in Santa Rosa suggested an Administrative code change to required that construction documents be kept in the building that the permit was issued for to aid in the maintenance and/or alterations to the building in future projects. His suggested language is attached.

Action:

1. Continue discussion at **August 3rd meeting.**
3. 2019, 2020, and part of 2021 Audit Recommendations: **Moved to the August 3rd meeting.**
 - a. Provide a webpage dedicated to required annual financial reporting dates and bills.
 - b. Provide a webpage dedicated to archiving of financial filings and account statements viewable by membership which would perhaps eliminate reporting at meetings and provide transparency.
 - c. Payments for multiyear services should be prorated in the annual budget.
 - d. The annual audits should be evaluated and perhaps adjusted to biannual audits with certain thresholds set in place which would trigger an annual audit.
 - e. Evaluate the need to amend the bylaws to clarify how bylaw and other organizational operations are amended or approved. Also look at clarity on which members are eligible to vote specifically honorary members.

Action:

- a. Currently there is a REACO calendar for this. It will be updated.
- b. I think we should still have the Treasurer report the monthly financials, but we can set up a Google Document or similar for membership to view archived statements and filings – discuss further.
- c. This will be done.
- d. The Board will look at this over the year and report back.
- e. The Board will look at this over the year and report back.

6. NEW BUSINESS:

- None

7. ADJOURNMENT:

- The meeting was adjourned at 2:25 pm by Steve Neely.
- **The next meeting; will be held on June 23rd at the Petaluma Community Center 9:30 – 3:30**

ICC MAY UPDATES

Here are announcements for May:

- Happy Building Safety Month! Please send Susan Dowty (sdowty@iccsafe.org) your proclamations and events for posting on the ICC website. Visit www.buildingsafetymonth.org for resources.
- This year [ICC's annual conference and fall hearings](#) will be held September 19-28 in Pittsburgh, Pennsylvania. The event will look a little different with some sessions moving to a virtual format.
- There are many resources available for the American Rescue Plan and how funds can be used by code departments. Click [here](#) to find out estimated funds your jurisdiction will receive; more details [here](#). The webinar slides for **“The American Rescue Plan: Funding for Code Departments”** are available [here](#) and a recording of the webinar is available [here](#).
- **June 8th: Chapter Leadership Academy** <https://www.eventbrite.com/e/2021-virtual-chapter-leadership-academy-tickets-145554997917>. The 2021 Code Council Chapter Leadership Academy will be held as a one day virtual event. All Chapter leaders are welcome at **no cost**!
- ICC Pulse Podcast: [Episode 39](#) **“On California’s Code Adoptions and Dedicating a Career to Building Safety.”** [Sara Yerkes](#), Code Council Senior VP of Government Relations talks with [Bob Raymer](#), Senior Engineer and Technical Director at CBIA Sacramento, about his experience with California’s code adoptions and on his career as a code official.

Thank you!
Susan

ICC Government Relations Monthly Update – May 2021

Follow @ICC_GR on [Twitter](#) for breaking news & announcements throughout the month.
Click [here](#) and [here](#) for the ICC Government Relations Staff Regional Maps.

Code Council's 41st annual Building Safety Month keeps the spotlight on safety and resiliency

This week marks the start of the [2021 Building Safety Month](#) (BSM) to raise awareness about the importance of building codes and the role of building safety professionals in ensuring our communities remain safe, sustainable and resilient. This year's theme is "**Prevent, Prepare, Protect. Building Codes Save.**" [Week 1](#) highlights [energy codes and standards](#) as an essential component to increasing energy efficiency and reducing greenhouse gasses. According to the U.S. Department of Energy, model building energy codes like the International Energy Conservation Code are projected to save homeowners and businesses \$126 billion in annual energy costs. Each subsequent week will focus on a specific theme critical to building safety: [Training the Next Generation](#) (week 2), [Water Safety](#) (week 3) and [Disaster Preparedness](#) (week 4). Click [here](#) to download your Building Safety Month poster. The [2021 Proclamation Guide is available here](#). Has your ICC Chapter President [signed a proclamation](#)? Also, don't miss the opportunity to have 2021 BSM proclamations signed by your mayors, county commission chairs, state legislators, Governors and associations and businesses.

NOTE: So far, more than 100 jurisdictions and organizations have issued 2021 Building Safety Month proclamations, including U.S. President Joe Biden: "Investing in our infrastructure and adopting and implementing modern building codes are the most effective mitigation measures communities can undertake." View the proclamation for National Building Safety Month, [here](#).

Series of free virtual educational events are planned during the 2021 Building Safety Month campaign

Throughout Building Safety Month, a series of free virtual educational sessions are available, including:

- [International Energy Conservation Code: 2021 Changes, Getting Involved in the 2024 Process](#), This webinar – cohosted by the Code Council, AMCA and RESNET – provides information on the significant changes in the 2021 IECC and background on the 2024 IECC development process;
- A free webinar to "[Meet the ICC Membership Councils](#)."
- [Codes and Standards: How are they different and how are codes developed?](#), a webinar that provides an overview of the codes and standards development process, hosted by Women in Standards and featuring the Code Council's Senior Vice President of Government Relations Sara Yerkes.
- [Building Safety Month Speed Networking](#), a Code Council mentor virtual networking event sponsored by the American Concrete Institute.
- [Hot Water Safety](#), a panel discussion with chief plumbing inspectors about 2021 plumbing code changes and hot water safety topics.

IT'S FREE: Signup starts for Code Council's popular Chapter Leadership Academy set for June 8 online

It's been held in convention centers in Oklahoma City and Denver, but the 2021 Chapter Leadership Academy will be only as far away as your computer. This year's Academy will be a one-day event and will be held Tuesday, June 8, starting at 10 a.m. Eastern, 9 a.m. Central and 8 a.m. Mountain. Please [register by clicking here](#), so we can send additional details and session information closer to June 8th! If you have any questions, please email chapters@iccsafe.org.

IT'S OFFICIAL: The 2021 ICC Annual Conference and Public Comment Hearing to be held in Pittsburgh

With the virtual [2021 Group A Committee Action Hearings](#) ending May 5, preparations are under way to produce a live 2021 ICC Annual Conference and [Public Comment Hearings](#) September 19-28 in Pittsburgh, Pennsylvania. Due to the ongoing COVID-19 pandemic, this year's event will have additional measures in place to allow our members, stakeholders and employees to gather safely. Some sessions will be offered virtually. More details about the schedule are forthcoming. [Read more here](#).

Code Council members offered new digital badges to display credentials and membership online

The Code Council is offering a new and innovative way to share your credentials and membership. A Digital Badge represents an authenticated accomplishment, skill, or participation. The badge is housed

and managed online. Much like a traditional physical badge or certificate, the digital badge is used as a display to validate your credential/membership and engage conversation among peers and employers. They are useful on a member's resume, in social media, web pages, email signatures and any digital platform where members want to be noticed. [Read more here how to access and share badges.](#)

Nearly 350 applications received for 2024 International Energy Conservation Code committees

With nearly 350 applications submitted for the 2024 International Energy Conservation Code (IECC) Development Committees, interest has been impressive among members hoping to serve on these committees and to help advance energy efficiency and building safety in America's communities. Next, the Code Council Board of Directors will consider the nominations and appoint the committees. Committee members will be informed via email of their appointment and the first meeting of the committees is scheduled to start this summer. The applicants represent:

- All nine identified interest groups — government regulators, public segments, consumers, manufacturers, builders, standards promulgators/testing laboratories, users, utilities and insurance.
- Federal, state and local government regulators.
- Forty-two U.S. states and 14 climate zones.
- Building safety professionals, including code officials, architects, engineers, interior designers, energy raters, electricians, home builders, contractors and building owners.
- Wood, masonry, steel, concrete, electrical, mechanical, water, insulation, HVAC, brick, fenestration and envelope manufacturers.

The Development Committees will establish workgroups that will allow for greater deliberation or focus on particular topic areas. [Read more here.](#)

Application deadline is June 29 for International Code Council's 2021 Sponsored Scholarship cycle

The 2021 [Application Form](#) and the [Scholarship Recommendation Form](#) for [all five of the Sponsored Scholarships](#) are available and due by June 29. Only ONE application is needed to apply for all of the scholarships in the program, which include:

- [ICC General Scholarship Fund](#)
- [William J. Tangye Scholarship](#)
- [J.W. "Bill" Neese Scholarship](#)
- [C.D. Howard Scholarship](#)
- [Charlie O'Meilie Scholarship](#)

The scholarships are funded by contributors and Code Council Chapters. Recipients are selected by a committee of volunteers. Separate policies are in effect for each scholarship that details the selection and administrative guidelines, eligibility requirements, and the selection criteria.

Report is available from last fall's four-part virtual summit on the importance of equitable resilience

FEMA recently released the report from a four-part virtual forum conducted last fall by the Resilient Nation Partnership Network, FEMA and NOAA. The report is titled "Building Alliances for Equitable Resilience: Advancing Equitable Resilience through Partnerships and Diverse Perspectives." Calling attention to a growing body of research, the report states that "one of the most cost-effective ways to safeguard the whole community against natural disasters is to adopt and follow hazard-resistant building codes." The report also supports the "nationwide adoption and use of up-to-date building codes" and making "equity a central part of planning and building code efforts" as some of the best ways to keep people safe in their homes and reduce the disproportionate impacts of natural hazards. Over four weeks, 33 speakers from 28 organizations convened to share perspectives and personal and professional insights related to equity. The Code Council was represented by Ryan Colker, Vice President of Innovation and Executive Director of ANCR. Nearly 2,200 viewers representing over 500 organizations from diverse sectors and industries attended the virtual sessions. [Download report here.](#)

New Table 4G in NDS supplement on multi-species and country grade marked lumber available

A [recent edition of the American Wood Council's WoodPost](#) featured multi-species grade stamps that require the designer to check each specie's design values and use the lowest design value among the different species for each design property. These new multi-species grade marks are the result of certain

mills producing lumber from two or more species without separating them in production. Lumber with these grade stamps could be any of the species and countries shown on the grade mark. To help designers and code officials navigate this relatively new approach to grade marking, the lumber grading agencies, working with the American Lumber Standards Committee and AWC staff, have developed a new table of design values for multi-species lumber grade marks. This new table, titled *Table 4G, Reference Design Values for Multi-Species and Country Grademarked Visually Graded Dimension Lumber (2"-4" thick)*, has been approved and included as an addendum to AWC's 2018 NDS Supplement. The new Table 4G can be viewed and downloaded [here](#).

Code Council CEO Dominic Sims weighs in on bipartisan Built to Last Act infrastructure legislation

Dominic Sims, CBO, Chief Executive Officer of the International Code Council, was quoted in a congressional press release on [the Built to Last Act](#), a bill introduced by Senators Marco Rubio (R-FL) and Tammy Baldwin (D-WI). The bill is intended to help local communities and private firms build stronger, more climate resilient infrastructure to better withstand extreme weather events. It would require NOAA to identify a consistent, federal set of best available forward-looking metrological information and require NIST to make that information available to SDOs. Other sponsors of the bill are the SmarterSafer Coalition, American Society of Civil Engineers, American Planning Association, Enterprise Community Partners, Environmental Defense Fund, Federal Alliance for Safe Homes, Inc., National Ready Mix Concrete Association, R Street, and Taxpayers for Common Sense. The Congressional Budget Office reports annual economic losses from damage caused by hurricanes and storm-related flooding is \$54 billion to households, businesses and government. [Read more here](#).

The Code Council announces new partnership with International Association of Electrical Inspectors

The International Code Council and the International Association of Electrical Inspectors (IAEI) recently entered into a new partnership that will allow the Code Council and IAEI to further equip and educate electrical professionals, including inspectors, electrical installers and contractors, electrical engineers, testing agencies, standards organizations, manufacturers, and distributors. The agreement allows IAEI and the Code Council to co-brand and reciprocally cross-promote select publications, and the educational products, offerings and services of each organization that are beneficial to their respective member bases, expanding what the associations currently offer their members. It also encourages the participation, knowledge and expertise of subject matter experts on respective technical initiatives, including committees and councils. [Read more here](#).

International Accreditation Service implements new Building Department Recognition (BDR) program

The International Accreditation Service (IAS) has implemented a new Building Department Recognition (BDR) program that recognizes building and code enforcement departments — as well as third-party companies providing building department services — that have demonstrated a commitment to service, safety and continuous improvement. Through the BDR program, organizations are recognized for quality, permitting, plan review, inspection and property maintenance code enforcement services. The Building Department Recognition process is online-based, and IAS representatives work closely with applicants to complete the process in an efficient and timely manner. [Read more here](#).

American infrastructure scores a C- on new American Society of Civil Engineers' 2021 report card

The American Society of Civil Engineers (ASCE) released its 2021 Report Card for America's Infrastructure. The report, published once every four years, gave the United States a C- overall grade, up from a D+ in 2017, marking the first time in two decades the country has received a grade in the C range. However, according to the ASCE, the overall grade still means the nation's infrastructure is in mediocre condition, has deficiencies and needs attention. [Read more here](#).

International Code Council joins Global Alliance for Building and Construction's efforts for resiliency

The International Code Council recently became the newest member of the [Global Alliance for Buildings and Construction](#) (GlobalABC), the leading global platform for governments, the private sector, civil society and intergovernmental and international organizations to achieve a zero-emission, efficient and resilient buildings and construction sector. As the global leader in developing model building codes and standards, the Code Council is uniquely positioned to both share data and best practices from the U.S.

experience as well as to bring proven outcomes and lessons learned from the alliance partners from around the world to the Family of Solutions. [Read more here.](#)

Code Council to lead the U.S. Technical Advisory Group to ISO Technical Committee on buildings

The International Code Council was recently appointed as the U.S. Technical Advisory Group (US TAG) administrator to the International Organization for Standardization (ISO) Technical Committee 59 (ISO/TC 59), which has oversight over the development of ISO standards related to buildings and civil engineering works. As the US TAG administrator, the Code Council is responsible for formulating the official United States position to proposals and within activities under the responsibility of ISO/TC 59, as well as for bringing to ISO any new work items that would support the broad efforts in the U.S. in this area of standardization. To ensure that all interested parties have an opportunity to contribute to the development of the U.S. position on key issues that are considered by ISO/TC 59, the Code Council is now soliciting stakeholders to participate in the US TAG. [Read more here.](#)

***GOT PULSE?* Sara Yerkes interviews Bob Raymer about California's code adoptions and his career**

In [Episode 39](#) of ICC's Pulse Podcast, [Sara Yerkes](#), Code Council Senior VP of Government Relations talks with [Bob Raymer](#), Senior Engineer and Technical Director at CBIA Sacramento, about his experience with California's code adoptions and on his career as a code official. [Read more on upcoming topics.](#)

Upcoming from the Code Council Learning Center: Institutes, training, webinars, etc.

Online learning is available from the [ICC Learning Center](#). Find course [listings you'd like to attend](#) in the ICC Learning Center using the Search function. Single-day training events are an opportunity to focus on topics to ensure your code knowledge stays up to date, with some seminars offering a Virtual Classroom option so you can participate in the event from any location with an internet connection:

- May 3-7 - [2018 Residential Building Inspector - B1 Certification Test Academy.](#)
- May 4 - Code Enforcement Webinar Series: [Gang Awareness for the Code Enforcement Officer.](#)
- May 5 - 2018 IPC Webinar Series: [Chapters 9 and 10.](#)
- May 11 - Code Enforcement Webinar Series: [Mental Illness and Code Enforcement.](#)
- May 12 - 2018 IPC Webinar Series: [Chapters 11-14.](#)
- May 12-14 - [2018 Building Plans Examiner - B3 Certification Test Academy.](#)
- May 13 - [Complaint Management from Start to Finish.](#)
- May 17-19 - [2018 Permit Tech Certification Test Academy.](#)
- May 18 - 2018 Fire Inspector Webinar Series: [General Inspection Administration.](#)
- May 20 - Leadership Webinar Series: [Get Connected.](#)
- May 24-28 - [2018 Commercial Building Inspector - B2 Certification Test Academy.](#)
- May 25 - 2018 Fire Inspector Webinar Series: [General Provisions for Fire Safety, Part I.](#)
- May 26 - [Report Writing for the Code Official.](#)
- May 27 - [Basic Code Enforcement.](#)
- June 1 - 2018 Fire Inspector Webinar Series: [General Provisions for Fire Safety, Part II.](#)
- June 8 - 2018 Fire Inspector Webinar Series: [Special Occupancies and Operations.](#)
- June 9 - [Applying the Codes to Cannabis Facilities.](#)
- June 10 - [2018 Accessibility & Usability.](#)
- June 15 - 2018 Fire Inspector Webinar Series: [Regulated Materials and Processes.](#)
- June 14-16 - [2018 Property Maintenance & Housing Inspector - 64 Certification Test Academy.](#)
- June 15 - 2018 Fire Inspector Webinar Series: [Regulated Materials and Processes.](#)
- June 17 - Leadership Webinar Series: [Say What You Mean and Mean What You Say.](#)
- June 21-23 - [2018 Fire Inspector I - 66 Certification Test Academy.](#)
- June 29 - [2019 CRC Essentials.](#)
- June 30 - [2019 CBC Essentials.](#)
- July 7 - [2018 IRC Essentials.](#)
- July 8 - [2018 IPC Essentials.](#)
- July 13-15 - [2018 Residential Mechanical Inspector - M1.](#)
- July 20-22 - [2018 Fire Inspector II - 67.](#)
- July 21 - [Inspector Skills.](#)

- July 23 – [2018 IBC Means of Egress](#).
- July 26-28 – [2018 Principles of Building Safety Institute](#).
- July 29 - [2021 IPC, IMC, and IFGC Significant Changes](#).
- August 10-12 - [2018 Residential Plumbing Inspector - P1](#).

Check out more [upcoming learning opportunities here](#).

May 16-21 – [CALBO's 2021 Summer Conference & Mini-Education Week](#), Newport Beach, California.



2021 SUMMER CONFERENCE & MINI- EDUCATION WEEK

MAY 16 - MAY 21, 2021

NEWPORT BEACH MARRIOTT

**900 NEWPORT CENTER DR.
NEWPORT BEACH, CA 92660**

Program and Schedule Information

Registration: www.calbo.org





From the Desk of Shane Diller, CALBO President

Dear CALBO Colleague,

It's a new year, and although our 2021 is off to a different start, that does not mean we cannot come together – in some way, to celebrate our profession. I hope that you will join me, either masked-up in Newport Beach or virtually from your desk, for CALBO's 2021 Summer Conference. Given that we will not host a business meeting this year, CALBO still wanted to take advantage of the great southern California sunshine to again get creative and host a professional development opportunity.

We are coming together again at the Newport Beach Marriott Hotel near Fashion Island, as the hotel offers us a great deal of flexibility, meeting venues and outdoor space. We will host our event from May 16-21, 2021, and have done our best to find a happy medium between differing comfort levels, professional development and a bit of camaraderie.

With that, the CALBO Board has put together an outstanding line-up of presentations and panels that will enable you to stay current with our every-changing roles. We have again enlisted the support of a professional production company, which enables us to offer a fully hybrid program suited to your comfort level. All sessions will be broadcast live, and will offer opportunities for real time engagement regardless of your physical location.

Should you choose to join us in person, we can assure you that we are adhering to all state and local guidelines relative to the pandemic. We hosted an in-person event at this same venue in December with great success, so we are coming back again and building upon that same successful foundation.

My gratitude to those who have kept their previous registrations on file from the 2020 ABMs (yes plural), this is the perfect opportunity to cash that voucher in. For the rare few who may have funds left in your 2020-21 budget, we'd be very grateful if you'd find a way to support CALBO by joining us in some way. A full-program registration will give you four full-days of access to the event, along with two full-days of CEUs. Given that CALBO traditionally offers only one-day of CEUs, we wanted to sweeten the pot a bit and offer more to our members and guests.

For those who are craving to interaction, we will again host a golf tournament and a few social opportunities to catch-up over the course of the week. Social distancing will still very much be a factor for us, and we will again remain cognizant and mindful of our surroundings and the current state of the world.

I truly hope that I get to see you, personally or through technology, for CALBO's 2021 Summer Conference. This is our chance to share our stories, lessons learned and celebrate the perseverance of our members. Please join me this May in Newport Beach.

Best regards,

Shane Diller, MPA

2021-22

Board of Directors

President

Shane Diller, MPA
City of Elk Grove

First Vice President

David B. Gonzalves, CBO
City of Loma Linda

Second Vice President

Brad Wungluck, CBO
City of Manteca

Immediate Past President

Sharon Goei, PE, CBO
City of Milpitas

Board Members

Mike Brinkman, CBO
City of Newman

Victor Cuevas, PE

City of Los Angeles

Jesse De Anda, MA

City of Montebello

Bryan Spain, PE

Bureau Veritas North America

Andrew Stuffer, CBO

City of Santa Barbara (Ret.)

Administrator

The Wheeler Company
1022 G Street
Sacramento, CA 95814
P: 916-457-1103



2021 Summer Conference

Welcome back, CALBO. It's been a long stretch, but we are finally able to come together for our first official day of a 2021 conference. If you're with us in person, do not forget to mask up. But with our creative outdoor Expo Hall opening late this morning, something tells me that you may pick up a few new masks along the way. We'll kick off our meeting with some industry and organization specific updates, and then spend our afternoon delving into some deeper topics including wildfires and the ensuing pandemic. If you're joining us via the web, not to worry, all events will be fully broadcast and available for viewing.



SUNDAY, MAY 16

1:00pm
Shotgun Start

CALBO's Annual Golf Classic Tournament
Thank you to our partners at 4LEAF, Inc. for sponsoring this golf outing!

Strawberry Farms Golf Club

MONDAY, MAY 17 DAY ONE

8:00am - 4:00pm

Registration

Laguna/Sunset

Our registration is located in the Laguna/Sunset room, which will be open to pick-up your badge and to say hello. This room also has doors to the outside to ensure airflow and social distancing.

10:00 - 10:30am

Opening Ceremonies & Welcome

Grand Pacific

We are back! Please join CALBO as we celebrate this opportunity to engage and catch-up. Following an official welcome by CALBO leadership, we will offer a roadmap for the days ahead in addition to sharing a few organizational updates.

10:30 - 11:30am

Model Codes Organizations Panel & Reports

Grand Pacific

We are grateful for the tremendous leadership that we have witnessed from our model code organizations over the preceding year. They have all set the tone for our organizations and shared members to follow, and we are grateful for their efforts as we move out of the pandemic. Please join representatives from the International Association of Plumbing & Mechanical Officials (IAPMO), the International Code Council (ICC) and the National Fire Protection Association (NFPA) for timely and intriguing updates

11:30am - 3:00pm

Exhibitor Program Day #1

Rose Garden

Although it has felt like an eternity since any of us have looked around an Expo Hall, we have found a way to make it happen. Our exhibitors will be outside overlooking the Pacific Ocean in a beautiful Rose Garden, so come say hello and smell the roses. The patience and unwavering support of our CALBO industry exhibitors and sponsors cannot be underscored enough, so please come learn of their new services and features while catching up with old friends. Bring your shades. Please note, there will not be a virtual feed of the exhibitor area.

12:00 - 1:00pm

CALBO Town Hall & Membership Luncheon

Seaview Terrace

Take a seat, there will be plenty as our tables all have a little more room to stretch out. CALBO looks forward to sharing some organizational updates, while hearing from our members. This friendly, casual and interactive lunch is meant to be an opportunity to celebrate our successes while keeping our membership up-to-date on current endeavors. Who would have thought that we'd all miss some banquet chicken? It has never tasted so good...

2:00 - 3:15pm

Wildfire in 202X

Grand Pacific

Wildfires in the United States are on the rise. Nationally in 2020, more than 57,000 wildfires burned over ten million acres. In California alone, over 10,500 structures were destroyed with a loss of 31 lives. Please join us for a presentation and panel discussion of WUI standards, how recent wildfires will influence future WUI standards, and effective ways to educate your community on the realities of living or working in a WUI environment and the wildfire recovery process.

3:15 - 4:30pm

Pivoting in a Pandemic

Grand Pacific

We are living the COVID-19 (Coronavirus) pandemic. As local government and development industry professionals, we have responded to meet the needs of our community and answered the call to service. We have been activated as front-line, essential service providers; but at the same time, we have learned many lessons and have more questions to answer. From virtual inspections, to emergency services administration, much has changed in the way we conduct permitting and inspections while safeguarding the jurisdictions we serve. Please join the dialogue as we cover best practices, budget changes, lessons learned, areas worthy of accolade, and pandemic related services here to stay as we answered the call for public safety.

4:30 - 5:30pm

Region I Meeting

Grand Pacific

We always enjoy welcoming our colleagues from Region I of the International Code Council, representing the great states and chapters from California, Hawaii and Nevada. This time is devoted to a formal meeting of Region I to cover their business and operations.

4:30 - 7:30pm

Interwest Consulting Group's Fellowship Event

Location Pending

We've put in the time, now let's unwind. Special thanks to Interwest Consulting Group and their annual tradition of showing our attendees a good low-key time. This hosted event is open to all conference attendees, masks required.

2021 Summer Conference

After our kickoff day, we are in the full swing of things on Day Two. Our fresh and informative panels include timely and topical information that is essential to your jurisdiction work. Today's topics include alternative housing, seismic functional recovery, and ratings systems. It wouldn't be a CALBO conference if we didn't hear from our state agency colleagues, so they will join us today as well. We might even be able to squeeze in a bit of fun with a mask-themed luncheon and sponsored after-hours event. Just like Monday, all programs will be broadcast for virtual viewing.



TUESDAY, MAY 18 DAY TWO

8:00 – 9:00am	Chapter Leadership Breakfast <i>This event for chapter leaders has become a CALBO annual staple, as hosted and facilitated by the International Code Council. If you are a member of your chapter's Executive Board, please join us for this timely and topical roundtable.</i>	Sunset Terrace
8:00am - 4:00pm	Registration <i>Registration will again be open for badge pick-up and questions in the Laguna/Sunset room.</i>	Laguna/Sunset
9:00 – 10:15am	Alternative Housing in 202X <i>While our California communities continue to struggle with the largest housing shortage in national history, CALBO members understand the impacts first hand. Due to increasing demand, local jurisdictions are tasked with the approval of multiple types and forms of housing on a very short timeline, however; Building Officials also need to ensure that the housing provided is code compliant and safe. Under this scenario, what options are available to local Building Officials and their communities? Please join us for this timely panel discussion to hear what some Building Officials have done in their communities and what options you may have to exercise at the local level.</i>	Grand Pacific
10:15 – 11:30am	State Agency Panel <i>The work of our California state agencies has carried on through the pandemic, essential to our vital life/safety operations statewide. Please join our invited regulatory representatives as they share current and upcoming code changes, newly availed resources, and ensure that you are in the know when it comes to the code adoption cycle. In-person or virtual, you won't want to miss the latest from Sacramento.</i>	Grand Pacific
11:00am – 3:00pm	Exhibitor Program Day #2 <i>Our exhibitors are taking in the sea breeze, so why not join them on Day Two as you head to and from lunch? The outdoor exhibitor hall will be open until 3:00pm, giving you a chance to say hello to industry friends and catch-up on their latest innovations. Please support those who support us by stopping by. Please note that there will not be a virtual feed of the exhibitor area.</i>	Rose Garden
12:00 – 1:30pm	CALBO's Mask-A-Rade Luncheon <i>You cannot blame us for getting creative, while still having a little fun along the way. Given that we could not host a formal President's Dinner this year, CALBO has taken the "mask" theme and run with it. This will not be a traditional conference luncheon, we can assure you. So grab your mask, and some beads, and prepare for a fun and casual luncheon overlooking the Pacific.</i>	Seaview Terrace
2:00 – 3:15pm	Seismic Functional Recovery: A Shift in Code Philosophy <i>Following each earthquake, communities are reminded of the importance of seismic safety and resiliency. The issue has remained in the spotlight of state policymakers, as AB 1329 has been introduced this year by Assemblymember Adrin Nazarian relative to integrating a statewide functional recovery standard into the California Building Code. As a follow-up to conversations already facilitated by ICC, SEAOC and CALBO, join us to learn of the efforts surrounding seismic resiliency and functional recovery. Our discussion will include the development of a nationally applicable approach to building design that allows buildings to achieve not only safety, but also acceptable reoccupancy and recovery times after an earthquake. Find out how seismic functional recovery can impact your jurisdiction and how you can get involved with policy development.</i>	Grand Pacific
3:15 – 4:30pm	Building Code Effectiveness Grading Schedule (BCEGS): Usage & Application of Ratings <i>Building department evaluation and rating systems have become common tools local government leaders use to measure and benchmark the work of their jurisdictions. Please join us for this timely session as we cover the background and application of ISO's Building Code Effectiveness Grading Schedule (BCEGS) program. Participants will learn the key criteria used in the evaluation process and the overall impact of the classification in the insurance industry and in the government sector. Additionally, attendees will gain a better understanding of national trends in building code enforcement and will be able to compare their own departments to the national trends to discover how they are progressing compared to their peers. FEMA uses of BCEGS data and various grants and programs that utilize building code enforcement data will also be covered.</i>	Grand Pacific

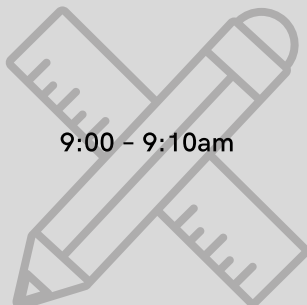
2021 Mini-Education Week

We dedicate today to professional development, education, and training with the launch of the 2021 CALBO Mini-Education Week. There will be five classes offered to receive CEU credit for your continuing education endeavors and requirements. Advance registration is requested for all today's courses, but today is included with Full Program registration. CALBO Annual Award recipients will be celebrated over lunch to recognize leadership in our Building-Safety Community. Just like Monday and Tuesday conference sessions, all programs will be broadcast for virtual viewing.



WEDNESDAY, MAY 19 DAY THREE

7:00am – 3:00pm	Registration	Laguna/Sunset
7:00am – 3:00pm	Mini-Education Week Exhibitor Program: Day I	Foyer
8:00am – 3:30pm	Hot Topics in the 2019 California Building Code <i>This course provides an in-depth review of important code provisions in the 2019 California Building Code (CBC). Topics include occupied roof decks, egress and fire-resistance rated assemblies. Diagrams and examples are used to assist with the understanding and practical enforcement of the code. The CBC mid-cycle code amendments effective July 1, 2021 are also discussed. This course is conducted in a workshop format with the instructor and attendees participating in active discussions. Building officials, architects, designers, engineers, plans examiners, field inspectors and counter technicians are encouraged to attend. The course is appropriate for experienced and not-so-experienced users of the CBC.</i>	Grand Pacific A-C
8:00am – 3:30pm	Understanding Access Law in California: Accessibility Statutory Case Law and Code Enforcement <i>This course is designed for public works engineers, building officials, senior plan reviewers, senior inspectors, and architects. It presents the structure of law and application with respect to access standards for projects built with private and public funds. Attendees learn the following: the hierarchy and relationship of constitutional, statutory and regulatory laws associated with accessibility; how access civil rights law, statutory law and case law relate to construction standards, permit processing and code enforcement in California. It is designed as an informational aid, not a legal requirement, to assist public officials in the administration of state and local public policy.</i>	Grand Pacific D-F
8:00am – 3:30pm	Understanding Wildfire Mitigation, Response and Recovery <i>Ten percent of homes in California have a wildfire designation of moderate to extreme risk. This course is intended to assist in identifying your community's fire risk based on the building science to fire propagation and damage to structures. The latest Chapter 7A building code requirements are discussed for exterior protection of structures and fire code vegetation management requirements intended to mitigate fire damage. This course also covers building department response strategies for plan reviewers, inspectors and counter staff that have been utilized in recent fires to assist in the assessment and rebuilding process. Building-safety professionals interested in learning more about Wildland Urban Interface are encouraged to attend.</i>	Newport Coast 1-3
8:00am – 3:30pm	Safety Assessment Program: Evaluator and Coordinator Training <i>The primary focus of this course is to train building inspectors, architects, and civil engineers to perform field evaluations of buildings and other infrastructure for damage along with how to rate the safety significance of that damage. SAP inspectors will be prepared for disaster assessment and the required documentation. This training is also approved by the Federal Department of Homeland Security for homeland security grant funding and provides local governmental representatives with information on how to estimate the local needs for evaluators and other resources that may be needed in response to a local event, how to request the needed resources, how to effectively manage those resources, and how to manage the information gathered by those resources. Up-to-date materials published by the Governor's Office of Emergency Services (Cal OES) are provided.</i>	Newport Coast 4-5
8:00am – 3:30pm	Essential Skills for Rising Leaders – ICC Featured Course <i>An ICC featured course! If you aspire to hold a leadership role or have recently assumed one, now is the time to build upon your skill set. This interactive workshop will help learners gain valuable insights and take your skills up a few notches. This training will help you be the best leader you can be while also providing you the tools to develop a plan for getting even better!</i>	Baycliff
9:00 – 9:10am	First Morning Break	



2021 Mini-Education Week

WEDNESDAY, MAY 19
DAY THREE CONT.



10:15 - 10:25am Second Morning Break

11:15am - 12:15pm **Awards & Achievements Luncheon** **Seaview Terrace**
Each year, CALBO bestows awards of excellence to honor the leaders of our industry and their contributions to membership. Given what we have all faced over the preceding year, let's take a victory lap and celebrate our exemplars. As part of this special luncheon, we will bestow new accolades to honor and thank those who make us proud to be part of our profession and community. This luncheon is open to all Full Program and day attendees.

1:15 - 1:25pm First Afternoon Break

2:30 - 2:40pm Second Afternoon Break

THURSDAY, MAY 20
DAY FOUR

We dedicate today to professional development, education and training with the launch of the 2021 CALBO Mini-Education Week. There will be five classes offered to receive CEU credit for your continuing education endeavors and requirements. Advance registration is requested for all today's courses, but today is included with Full Program registration. CALBO Annual Award recipients will be celebrated over lunch to recognize leadership in our Building-Safety Community. Just like Monday, Tuesday, and Wednesday conference sessions, all programs will be broadcast for virtual viewing.



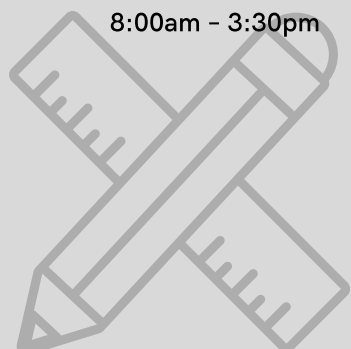
7:00am - 3:00pm **Registration** **Laguna/Sunset**

7:00am - 3:00pm **Mini-Education Week Exhibitor Program: Day II** **Foyer**

8:00am - 3:30pm **2019 CBC Chapter 11B Accessibility in Public Buildings, Public Accommodations and Commercial Buildings: History, Use and Updates** **Grand Pacific A-C**
This course provides attendees with a working understanding of the disabled-access provisions contained in the 2019 California Building Code, presenting on selected administrative, scoping and updated technical requirements. Supporting documents (ASTM, ANSI, Guidelines, Best Practices, etc.), tools of the trade, and inspection techniques are explored throughout the course. Local jurisdictional staff (building department, public works, parks and recreations, etc.), architects, designers, contractors, and business owners/managers are encouraged to attend. The following continuing educational requirements are met: (1) HSC requirements for building department personnel, (2) BPC requirements for CA Licensed Architects, (3) AIA CES HSW Learning Units for AIA members, (4) Title 21 requirements for Certified Access Specialist (CASP).

8:00am - 3:30pm **California Accessory Dwelling Units of Today and Tomorrow: What We've Seen and What's to Come?** **Grand Pacific D-F**
This course reviews the recent history of and emerging trends in attached and detached accessory structures, such as accessory dwelling units (second unit dwellings) (ADUs), garages, and sheds. Building officials, building inspectors, permit technicians, and plans examiners are encouraged to attend to become familiar with the current requirements of California law related to ADUs and how ADUs are distinguishable from other types of new alternative housing styles. This is a less technical course, but it provides an overview of changes in the code and legislation related to ADUs, including state and local perspectives, that shape the ADU framework today and tomorrow.

8:00am - 3:30pm **2019 California Residential Code: Significant Changes** **Newport Coast 1-3**
This course examines the significant revisions to the latest California Residential Code (CRC). The course is conducted in a workshop format with the instructor and attendees participating in active discussions of the revisions. The course highlights those areas that have been revised from the 2016 CRC with other code topics always welcomed. Building officials, architects, designers, engineers, plans examiners, field inspectors and counter technicians are encouraged to attend.



2021 Mini-Education Week

THURSDAY, MAY 20 DAY FOUR CONT.



8:00am – 3:30pm	Tenant Improvements for Building Department Staff <i>This course provides an explanation of the basic requirements of the applicable 2019 California Code of Regulations (Title 24) as they apply to commercial tenant improvement projects. Attendees are provided with practical methods for the plan review of such tenant improvements and a focus on individual systems, such as Electrical, Egress, Disabled Access, Plumbing and Mechanical. This course also provides clarifications on occupancy classifications and construction type requirements for tenant improvements. This course is essential for permit technicians, plan reviewers, inspectors and contractors.</i>	Newport Coast 4-5
8:00am – 3:30pm	Advanced Overview for Permit Technicians <i>This course is designed for experienced permit technicians seeking to elevate their building department knowledge and skills. An overview of state laws and the granting of authority are discussed to give context for the role of building departments in California communities. Attendees gain a more in-depth understanding of how the work of permit technicians interacts with other departments and agencies and learn basic plan reading skills to ensure plans submittals are complete for plan review and permit issuance. Examples of over-the-counter type plan review are presented for a better understanding of plan review techniques to assist permit technicians advance their career. After this course, permit technicians will know how to improve their work performance, but gain an understanding of how to better prepare for a long-term career in California building departments.</i>	Baycliff
9:00 – 9:10am	First Morning Break	
10:15 – 10:25am	Second Morning Break	
11:15am – 12:15pm	BOLA Graduation Celebration & Luncheon <i>Come applaud the achievements of the Building Officials Leadership Academy (BOLA) students at the BOLA Graduation Celebration & Luncheon. These graduates have worked tirelessly, both independently and collectively through a pandemic, toward the completion of the program in preparation for their future careers within California's building departments. We are proud to honor the new additions to the BOLA alumni network that continues to grow each year. This luncheon is open to all registered attendees of the day.</i>	Seaview Terrace
1:15 – 1:25pm	First Afternoon Break	
2:30 – 2:40pm	Second Afternoon Break	

FRIDAY, MAY 21 DAY FIVE

It has been a tremendous week, and with the Summer Conference ending the day prior, we're ready to wrap up our time in Newport Beach. Today will be the final training day at the 2021 CALBO Mini-Education Week, open to all participants, who have purchased a Day Pass. There will be five classes offered to receive CEU credit for your continuing education requirements. Advance registration is required for all courses, and as a friendly reminder, today is not included in your Full Program conference registration. All courses will be broadcast for virtual viewing. We hope you enjoyed your time with us!



7:00am – 3:00pm	Registration	Foyer
7:00am – 3:00pm	Mini-Education Week Exhibitor Program: Day III	Foyer
8:00am – 3:30pm	2019 CBC Chapter 11A: Privately-Funded Multi-Family Dwelling Accessibility	Grand Pacific A-C

This course provides attendees with a working understanding of the adaptable housing requirements for privately-funded multi-family dwellings in California. The course covers selected scoping and technical provisions with an emphasis on understanding the practical applicability of the requirements. Discussion and lecture assist users of the code with inspections and plan reviews of multi-family dwelling unit construction. The course meets the following continuing educational requirements: (1) HSC requirements for building department personnel, (2) BPC requirements for CA Licensed Architects, (3) AIA CES HSW Learning Units for AIA members, (4) Title 21 requirements for Certified Access.



2021 Mini-Education Week

FRIDAY, MAY 21
DAY FIVE CONT.



8:00am – 3:30pm	2019 California Building Code: Means of Egress Overview <i>This course explains basic exiting requirements of the 2019 California Building Code: Chapter 10 as well as the general requirements and explanation of the three part means of egress system. Attendees learn practical methods of reviewing and inspecting egress systems. Permit technicians, building and fire plan reviewers, inspectors and anyone interested in learning more about egress are encouraged to attend. This course provides clarifications included in the 2019 Code Changes from the California State Fire Marshal's adoption of CBC/CFC Chapter 10 and CC & R Title 19.</i>	Grand Pacific D
8:00am – 3:30pm	2019 California Electrical Code: Residential and Commercial Inspection Procedures <i>This course covers residential and commercial inspection procedures for compliance with the California Electrical Code, Green Code and Energy Code, including but not limited to: residential - receptacle layout, AFCI, GFCI requirements, required circuits, wiring methods, services, sub-panels and grounding for new and existing installations for inside and outside. Other subjects are covered, including commercial - wiring methods, wall and t-bar inspections, sizing boxes, box fill, de-rating conductors, expansion fittings (when required), 3-phase for WYE/DELTA panels and transformers. Attendees are encouraged to engage in class discussions and are provided with examples to assist in learning the subject matter.</i>	Grand Pacific E-F
8:00am – 3:30pm	Swimming Pools and Spas <i>This course covers the electrical requirements in the California Electrical Code, Article 680, for permanently installed swimming pools, storable swimming pools, spas, hot tubs and fountains. Topics covered include wiring methods, grounding and bonding, lighting and receptacle locations, motors and GFCI requirements. Also, students learn an overview of the plumbing, mechanical and pool barrier requirements. Discussion also includes suction fittings and pumps, heaters, luminaires, pool access (fencing, gates, pool covers, and pool alarms) and location of various equipment. This information is essential for both installers and inspectors to ensure life safety in and around these wet locations where the combination of water, electricity and personnel demand a hazard-free experience.</i>	Cardiff
8:00am – 3:30pm	Residential Plan Review <i>This course covers the basic requirements that should be found in a set of plans for residential construction, including site plan, floor plan, roof plan, elevations, sections, energy, framing, foundation and detailing. Whether it is a new home, an accessory dwelling unit, a room addition, a patio enclosure or a garage conversion, this course highlights typical issues and special requirements encountered based on the different types of projects. Attendees learn how information from each of the different trades comes together on the plans. For additions, remodels and conversions, attendees are also asked to consider the existing conditions and how the proposed construction affects the existing dwelling or structure. Upon completion of the course, attendees will understand the main concepts of what to look for when performing a residential plan review.</i>	Baycliff
9:00 – 9:10am	First Morning Break	
10:15 – 10:25am	Second Morning Break	
11:15am – 12:15pm	Attendee Luncheon <i>Come together for a casual lunch as we celebrate the opportunity to again dine with friends. You can't beat the view, even if you have joined us all week. Although today's luncheon does not feature a formal program, there will be much to discuss given our time together in Newport Beach. This luncheon is open to all registered attendees of the day.</i>	Seaview Terrace
1:15 – 1:25pm	First Afternoon Break	
2:30 – 2:40pm	Second Afternoon Break	



A special thank you to our
2021-22 CALBO Partners!



Efficiency Division Updates

CALIFORNIA ENERGY COMMISSION

REACO ICC Monthly Meeting

May 2021

Efficiency Division Updates

- Business meeting on April 14: Approved resolution finding that the mechanical acceptance testing technician threshold conditions of Energy Code Section 10-103.2 have been met. This triggers implementation of the mandatory requirement that any person performing a mechanical acceptance test required by the Energy Code must be certified as an acceptance test technician. The implementation date is October 1, 2021. More information is available on the [implementation proceeding](#) webpage.
- Next business meeting is May 12. [Business Meetings agendas and minutes](#): <https://www.energy.ca.gov/proceedings/business-meetings>
- New [2019 Solar Ready presentation](#) now available on the ORC <https://www.energy.ca.gov/programs-and-topics/programs/building-energy-efficiency-standards/online-resource-center/solar>
- New [2019 Commissioning presentation](#) now available on the ORC <https://www.energy.ca.gov/programs-and-topics/programs/building-energy-efficiency-standards/online-resource-center-0>
- New [CLTC Daylighting Harvesting Guide](#) is available <https://cltc.ucdavis.edu/publication/daylight-harvesting-commercial-buildings-guide-2019-building-energy-efficiency-standards>
- [Blueprint #133 January-March 2021](#) is now available! <https://www.energy.ca.gov/newsroom/blueprint-newsletter>

Energy Code Training and Events

- [Energy Commission training](#): www.energy.ca.gov/title24/orc/schedule_oe/index.php
 - May 11: 2019 Low-rise Residential Water Heating webinar for CALBO
 - May 13: 2019 Energy Code for ADUs webinar for Build It Green
- [Energy Code Ace training](#): www.energycodeace.com/training
- [PG&E training](#): www.pge.com/pec
- [BayREN training](#): www.bayrencodes.org/services/trainings/

Energy Code Resources

- [Online Resource Center](#): <https://www.energy.ca.gov/programs-and-topics/programs/building-energy-efficiency-standards/online-resource-center>
- [Energy Standards Hotline email](#): Title24@energy.ca.gov or call 800-772-3300

To receive regular updates, sign up and respond to the confirmation email:

- [Blueprint Newsletter email list](#): <https://www.energy.ca.gov/newsroom/blueprint-newsletter>
- [Building Standards email list](#): <https://www.energy.ca.gov/programs-and-topics/programs/building-energy-efficiency-standards>
- [Appliance Standards email list](#): <https://www.energy.ca.gov/rules-and-regulations/appliance-efficiency-regulations-title-20>

Rulemaking for the 2022 Energy Code

- California Energy Commission (CEC) **2022 Energy Code development schedule**: https://www.energy.ca.gov/sites/default/files/2020-05/2022_Standards_Update_Schedule.docx
- Visit the **California Energy Codes & Standards website** to review 2022 initiatives and participate in the development process stakeholder meetings: <https://title24stakeholders.com/>
- For the most recent updates, visit the **CEC docket 19-BSTD-03** or the **CEC 2022 Energy Code web page**: <https://www.energy.ca.gov/programs-and-topics/programs/building-energy-efficiency-standards/2022-building-energy-efficiency>
- CEC has published the **pre-rulemaking draft of the 2022 Energy Code Express Terms** to inform the general public and to solicit feedback on the proposed amendments.
- Official rulemaking for the 2022 Energy Code expected to begin on *May 7** which will start the 45-day comment period for the proposed 2022 Energy Code language. Comments will be accepted until *June 21**
- Research versions of the 2022 Energy Code compliance software are now available.
Download CBECC-Res 2022.0.5 RV at <http://www.bwilcox.com/BEES/cbecc2022.html>.
Download CBECC-Com 2022.0.5 RV at <http://bees.archenergy.com/software2022.html>.

**tentative dates*



BayREN Codes & Standards Program

BayREN Codes & Standards Quarterly Regional Forum

Live Online

Building and Clean Technology: Innovations and Challenges

Date: Wednesday, June 9, 2021

Time: 9:00 am – 12:00 pm

Location: ZOOM

Description: Building code enforcement is essential to public health and safety, but the permit process can be time-consuming to navigate. California and local governments have ambitious goals for reduced carbon emissions and economic recovery, and efficient permitting of clean energy technologies and efficiency measures will be necessary to realize these goals. Many building departments ramped up online services in 2020 to adapt to the pandemic - and experienced the difficulties of rapid change. As permitting evolves, how can building departments enhance public safety, support energy performance, and meet public expectations? This BayREN Forum will examine different approaches and lessons learned. This free event is open to all.

[Reserve Your Spot Here](#)

2021 Summer Energy Code Training Series

Live Online Webinars

Residential Alterations – REACO Energy Code Training Series

Date: Wednesday, May 19, 2021

Time: 9:00 am – 10:00 am

Description: This course will explain how to process residential alterations projects, which are mostly over-the counter permits such as HVAC changeouts, window replacements and water heater replacements.

Target Audience: Building Department Staff; CEUs Available: ICC: 0.1

[Webinar Registration Link](#)

Residential Envelope Compliance – REACO Energy Code Training Series

Date: Wednesday, June 23, 2021

Time: 9:00 am – 10:00 am

Description: This course will investigate residential envelope compliance issues.

This course will provide a basic review of nonresidential new construction energy codes.

Target Audience: Building Department Staff; CEUs Available: ICC: 0.1

[Webinar Registration Link](#)

HERS Registry – *Newly Added*

Date: Wednesday, July 7, 2021

Time: 9:00 am – 10:00 am

Description: This course explores the advantages of using the online HERS registry to track and verify compliance forms electronically. Course includes a live demonstration of projects for the jurisdiction in training. Attendees will need to bring addresses for specific projects.

Topics Covered: HERS registry, what projects are required to be in the registry, how to track CF1R, CF2R and CF3R forms electronically so hard copies do not need to be printed.

Target Audience: Permit technicians, plan checkers, and field inspectors; CEUs Available: ICC: 0.1

[Webinar Registration Link](#)



BayREN Codes & Standards Program

Registration Links Coming Soon - Mark your calendars for the trainings below!

2019 Energy Code Changes; Nonresidential – REACO Energy Code Training Series

Date: Wednesday, July 21, 2021

Time: 9:00 am – 10:00 am

Description: This course will provide an overview of the 2019 nonresidential Energy Code changes.

Target Audience: Building Department Staff; CEUs Available: ICC: 0.1

Nonresidential New Construction – REACO Energy Code Training Series

Date: Wednesday, August 25, 2021

Time: 9:00 am – 10:00 am

Description: This course will provide a basic review of nonresidential new construction energy codes.

Target Audience: Building Department Staff; CEUs Available: ICC: 0.1

Nonresidential Tenant Improvements and Alterations – REACO Energy Code Training Series

Date: Wednesday, September 22, 2021

Time: 9:00 am – 10:00 am

Description: This course will explore nonresidential tenant improvements and alterations compliance issues.

Target Audience: Building Department Staff

CEUs Available: ICC: 0.1

BayREN Live Online Customized Reach Code Trainings

Live Online Webinars

Description: This course will help attendees understand and better enforce adopted reach codes within a specific jurisdiction. The course includes a combination of general practices as well as customized training for the jurisdiction's reach code. Reach Code Trainings are customized to address a city or county-specific Reach Code and are intended for city-specific or county-specific staff.

Target Audience: City-specific plan checkers, field inspectors, building department staff

Duration: Short Course (60-90 min) - Instructors are available remotely and trainings can be scheduled Monday to Friday from 7AM to 7PM.

BayREN Codes and Standards Program Resources: Reach Codes & Policies

<https://www.bayrencodes.org/reachcodes/>

- Why Adopt a Reach Code?
- What Local Governments Need to Know about Energy Efficiency Reach Codes
- Legal Requirements for Reach Codes
- Process & Timeline for Reach Code Development and Adoption
- Types of Reach Codes
- Reach Codes for the 2019 California Building Code
- Adopted Reach Codes
- Resources

Contact Christine Condon, County of Sonoma BayREN Codes and Standards Program Representative to schedule trainings and for more information: Christine.Condon@sonoma-county.org.



Region I - International Code Council California, Hawaii, Nevada

All Chapter Meeting Agenda

April 27, 2021

4:00pm Pacific Time Zone

WebEx:

ICC Region I

3060 Saturn Street, Suite 100
Brea, CA 92821 USA
www.ICCRegion1.com

President: Sam Palmer
Asst. Director
Clark County, NV

1st Vice President: Mike Leach
Senior Building Inspector
CSG Consultants
Napa County Area, CA

2nd Vice President: Leolynne Escalona
Code Enforcement Officer
County of Kaua'i, HI

Secretary: Stephen DiGiovanni
Fire Protection Engineer
Clark County, NV

Treasurer: Tim Spears
Fire Marshall
So. San Joaquin County Fire Authority

Past President: Mike Payton
Division Chief-Fire Marshall
City of Modesto Fire Department

ICC Board Liaison: Jim Sayers

ICC Staff Liaison: Susan Dowty

1. Welcome/Intro of Guests – Sam Palmer
2. Executive Board Roll Call – Stephen DiGiovanni
3. Region 1 Chapter Roll Call – Stephen DiGiovanni
4. Approval of Minutes – Sept 22, 2020 – All Chapter Mtg – Sam Palmer
5. Treasurer's Report -Tim Spears
-Annual budget/renewals/payment options
6. ICC Board Liaison – ICC Update - Jim Sayers
7. ICC Liaison – ICC Update – Susan Dowty
8. General – Sam Palmer
9. Region 1 Website/Videos (Tim)/Social Media – Mike Brinkman
10. Guest speakers:
 - Shane Diller/CALBO President – CALBO Current Activities
 - Susan Dowty/ICC – ICC Digital Codes Premium
 - Truong Huynh/Long Beach - 2024 ICC Code Dev Cycle
11. ICC 2021 BOD Candidate Support
12. Upcoming Meeting Schedule
 - a. Next All Chapter Call: July 27, 2021 @ 4pm pst
 - b. Next Board Call: May 25, 2021 @ 4pm pst
 - c. 2021 CALBO ABM **(In-Person)** – May 16-21– Southern California
 - d. 2021 CALBO Education Week – Sept 13-16 San Ramon, CA
 - e. 2021 ICC ABM **(In-Person)** - Sept 19-22, 2021 Pittsburgh, PA
 - f. 2021 CALBO Education Week – Oct 25-28 Ontario, CA
13. For the Good of the Order



COUNTY BUILDING OFFICIALS ASSOCIATION OF CALIFORNIA

Established 1963



2021-22 OFFICERS

RUBEN BARRERA
President
Ventura County

NEVILLE PEREIRA
Vice President
County of Santa Clara

MARTIN (MARTY) HEANEY
Secretary
County of Santa Cruz

CRICKETT BRINKMAN
Treasurer
CSG Consultants

GLENN SCHAINBLATT
Past President
City of Sebastopol

2021-22 DIRECTORS

ALI ANNAN
Kern County

BOB IVIE
Sacramento County

CURTIS JOHNSON
Butte County

DENNIS HOWE
San Diego County

ERIC SEABROOK
Philips Seabrook Associates

JEFF JANES
CSG Consultants

SAM MARCOUX
Simpson Strong Tie

SHELLEY LOUGHRAN
TRB + Associates

TONY CRETER
Historian
Alpine County

WILLIAM "BILL" KELLEY
Official Liaison
Marin County

April 23, 2021

Redwood Empire Association of Code Officials (REACO)
1055 College Avenue
Santa Rosa, CA 95403

Dear REACO,

The County Building Officials Association of California (CBOAC) wishes to express our sincere appreciation for your help in making this year's 2021 Virtual 57th Annual Business Meeting and Conference such a success. Our board recognizes that your support and sponsorship are integral to this effort.

As you may know, CBOAC is a non-profit organization and we appreciate support from your organization to ensure that our annual events continue to be beneficial and enlightening.

Thank you for your generous support of \$1000. We will make sure that REACO continues to be featured on our website. Our next conference is scheduled to be held at Tenaya Lodge in Yosemite in April 2022. Be on the lookout for 'Save the Date' information and sponsorship opportunities later this year in anticipation of celebrating our 58th ABM together.

Together, we can make the 58th Annual CBOAC conference an event to remember!

Respectfully,

Ruben M. Barrera, PE, CBO

President, CBOAC

ruben.barrera@ventura.org



PRESS RELEASE

FOR IMMEDIATE RELEASE

DATE: April 23, 2021

Sonoma County launches vegetation management project grant program

SANTA ROSA, CA – The County of Sonoma announced the opening of solicitation for its vegetation management grant program today, providing access to between \$2-4 million for local fire prevention for the 2021 wildfire season for eligible applicants.

The funds are derived from the PG&E settlement awarded to the County as a result of the 2017 Sonoma Complex Fires lawsuit. In 2020, the Board of Supervisors voted to allocate \$25 million of the \$149 million settlement toward vegetation management activities.

“I am extremely excited that this grant program has opened for applications and will be able to address community needs for this upcoming fire season” Chair of the Board of Supervisors Lynda Hopkins said. “There are so many grassroots efforts led by motivated local individuals and groups, and this support will help them deliver important projects with tangible safety benefits.”

Those eligible to apply for the grants include nonprofit organizations, community organizations, local fire districts, communities with Community Wildfire Protection Plans in place, Resource Conservation Districts, licensed foresters, technical advisors and schools.

The goal of the grant program is to enable applicants to conduct high-priority, near-term vegetation management activities in high-risk areas and near key ecosystems. Some of the high-risk areas targeted by the grant program include: areas to the northeast of developed communities; defensible space within 100 feet of homes in densely populated areas that are oriented in a west and/or south direction and are within canyons that border the east and west of the populated area; areas that burned in recent fires or have high fire return interval; boundary areas between large public and private lands and dense developments; and areas surrounding primary evacuation routes and key infrastructure.

Some specific regions have also been identified as favorable for grant awards, including: Guerneville/Camp Meeker/Occidental area, Mark West and the Tubbs and Glass fires corridors,

Lake Sonoma, Sonoma Valley (including Mayacama Ridge, Sonoma Mountain/Bennett Ridge, and adjoining communities) and the Timber Cove/Sea Ranch area to Cazadero.

For more detailed information about the grant program and its application process, visit the [Sonoma County Ag + Open Space website](#).

Grant applications must be received by Sunday, May 16, 2021 at 5 p.m.

The County will be holding an informational virtual workshop for eligible applicants on Thursday, April 29 from 5 - 6:30 p.m. [Attendees may join the webinar here](#) with passcode 544139.

###

Media Contact:

Amy Ricard, Community Relations Specialist
Sonoma County Ag + Open Space
amy.ricard@sonoma-county.org
707/486.5064

WUI Standards & Energy Storage Systems

Designed for Planning, Building & Fire Agencies

Sonoma County Fire Prevention Officers

Redwood Empire Association of Code Officials & Marin County Fire Prevention Officers



SUBJECTS & SPEAKERS:

Morning

Welcome

ICC Liaison Update

State Fire Marshal's Office Update

CALBO Update

NEMA Update

Energy Storage Systems Presentations

Mark Baldassari- Enphase

Ian Hardage & Jeffrey Powell, Santa Rosa FD

LUNCH

Afternoon

WUI Hardening Standards

Round Table Discussion

Meeting date: **June 23, 2021**

Registration: **8:45 AM**

Meeting: **9:30AM to 3:30PM**

Location:

Petaluma Community Center
320 N. McDowell Blvd.
Petaluma, CA 94954

Registration: **\$35.00**

Lunch Provided

Must RSVP & Register due to social distancing arrangements

RSVP required no later than June 14th

Questions: Devon Gambonini- FPOs
707-953-4487

Make checks payable to: Sonoma County Fire Chiefs Association

Mail registration to: Sonoma County FPO's: **6844 Nolan Road, Forestville, CA 95436**

Fax registration to: **707-887-0357**

OR register and pay online at

Email registration to: **hans@handsassociates.net**

www.handsassociates.net

Attendee(s): _____

Agency/Company: _____

Phone: _____ **Email:** _____



April 26, 2021

Dear Chapter President,

Please accept this letter as notification that I am again announcing my candidacy for the ICC Board of Directors. Even though I am running for my second term as the Section E Director, I do work for all members. By this announcement, I am also requesting your support for this effort. I've worked hard serving these past 3 years, seeing important and positive growth within your Council and doing my best to shine a positive light on the building safety professional.

My ICC Board Committee service has included the Investments Committee, Budget Committee, Bylaws Committee, Council Policy Review Committee, Honorary Committee, the Long Term Code Development Review Committee, and many Ad Hoc committees and liaison positions.

We have had a lot of challenges this past year but your Code Council has taken them all on and by most any measure come out stronger. I'd love to be able to continue to serve you for another 3 years.

I have attached my resume and should you have any further questions, please do not hesitate to reach out. Thank you for your time and attention.

Sincerely,

Kris Bridges, MCP, CBO, CZA
Building Official & Zoning Administrator
City of Martinsville – Community Development
55 W Church St
P.O. Box 1112
Martinsville, VA 24112
(276) 403-5171
kbridges@ci.martinsville.va.us

DAVID C. (KRIS) BRIDGES

315 Old Liberty Drive • Martinsville, Virginia 24112
(C) 276-252-7769 • kbridges@iccsafe.org

BUILDING OFFICIAL / DEPUTY BUILDING OFFICIAL

Master Code Professional (MCP) with numerous specialized certifications as well as maintaining an active role in code development and enforcement throughout Commonwealth of Virginia, regionally, and nationally.

- Maximize safety and integrity of buildings and properties, uncovering and recommending effective remediation strategies for both overt and latent issues.
 - Apply technical and theoretical codes to real-world situations, expertly translating reasoning and implications.
 - Improve current and proposed structures, providing hands-on education to stakeholders on all levels.
 - Address and tackle complex obstacles and challenges, creating innovative and alternative solutions.
 - Cultivate high-performance collaborative team atmospheres, uniting people ranging from tenants and owners to local, state, and federal officials on common safety- and quality-focused missions and goals.
-

Code Development & Interpretations • Commercial & Residential Inspections • Local & Federal Compliance
Property Maintenance • Construction • Renovations • Plumbing • Mechanical & Electrical Systems
Complex Problem Solving • Conflict & Emergency Management • Consulting • Stakeholder Education

PROFESSIONAL EXPERIENCE

CITY OF MARTINSVILLE, Martinsville, Virginia • 2001 – Present

Building Official & Zoning Administrator 2019 to present: Assumed the role of Zoning Administrator covering all areas of administration, enforcement and interpretation of the City of Martinsville's Zoning Ordinance

Building Official 2016-2019: Additional duties and responsibilities, while maintaining existing duties.

Deputy Building Official 2012-2016: Additional supervisory responsibilities while maintaining existing duties, including ADA Coordinator for the City of Martinsville and the Court system.

Combination Code Inspector II 2001-2012:

Investigate and advise contractors, realtors, homeowners, and tenants on a variety of issues spanning from projects, state of current properties, construction, and renovations to complaints about neighbors or living spaces. Ensure 100% compliance with Federal Section 8 requirements for rentals, and Virginia Uniform Statewide Building Code (VUSBC) in areas including building, plumbing, and electrical and mechanical systems in residential and commercial properties. Enforce correct property maintenance of existing structures, elevator safety, amusement device setup and operation, and backflow device installation and certification. Serve as interim inspector during fire inspections. Respond to City Manager and City Council on problems and complaints they receive; involves preparing everything from complex reports and presentations to simple email responses.

Achievements:

- Assisted city with highest unemployment rate in Virginia with enabling ongoing participation at state, regional, and national level, aiding creation and implementation of work practices to help mitigate economic downturn.
- Participated actively in ongoing code development on statewide and national basis, while actively promoting building safety, code development, and code interpretation with other Virginia officials.
- Played key ongoing role in providing recommendations to General Assembly for Uniform Statewide Building Code, providing input during code development process, and participating in consensus positions that are provided by Department of Housing & Community Development.
- Produced 1st ever consensus Pool Code in only 3 months, chairing International Swimming Pool Code Drafting Committee, and the subsequent 2012 edition of International Pool & Spa Code Committee.

Additional Highlights:

- Improved quality of departmental service, while overcoming significant reductions in staffing, aided cross-training of multiple city employees; centralized services from multiple departments to just 1.
- Secured grant from VBCOA to install sprinkler system in a home being built through Virginia Housing & Development Authority (VHDA) Revitalization Grant; 1st residential sprinkler system in area.
- Consulted with and aided new business owner to secure 1st LEED certification for business in area to provide framework for identifying and implementing practical and measureable green solutions.
- Served critical role in numerous major projects such as current building reuse project turning old factory into 67-unit apartment complex with grants from USDA, Earth Craft, VHDA, and various historic preservation groups

CITY OF DANVILLE, Danville, Virginia • 1995 – 2001

Property Maintenance & Amusement Device Inspector

Inspected and ensured 100% compliance of property maintenance activities and amusement devices with VUSBC on all structures within city limits. Monitored and tracked compliance with citations of violations using multiple methods and techniques in order to assure appropriate and timely remediation.

Achievements:

- Instrumental in city purchasing, relocating, and/or demolishing houses in flood prone area following Hurricane Fran, researching, writing, and successfully winning \$700K FEMA Hazard Mitigation Grant.
- Orchestrated under budget and ahead of schedule the completion of FEMA-funded Hazard Mitigation project, coordinating closely with federal and state emergency management officials, Virginia Community Development Block Grant (CDBG) administrators, lawyers, appraisers, surveyors, erosion and sediment control personnel, and local contractors.

EDUCATION & PROFESSIONAL DEVELOPMENT

AAS: Focus on Code Administration (Magna cum Laude), Baker College, Detroit, Michigan

Virginia Building Code Academy (Coursework in all major building disciplines, legal aspects & management)

Ongoing National-, State-Mandated & Continuing Education to maintain certifications

US Navy Submariner (Naval Nuclear Power School, Naval Nuclear Power Training Prototype - S8G, Master Diesel Mechanic School, & Leadership, Management, Development & Training(LMET))

CERTIFICATION

Master Code Professional (MCP)

ICC Certified, Virginia Certified:

Certified Building Official • Combination Inspector • Commercial Combination Inspector • Commercial Building Plans Examiner • Commercial Energy Inspector • Commercial Energy Plans Examiner • Commercial Building Inspector • Commercial Electrical Inspector • Commercial Mechanical Inspector • Commercial Plumbing Inspector • Residential Combination Inspector • Residential Plans Examiner • Residential Energy Inspector & Plans Examiner • Residential Building Inspector • Residential Electrical Inspector • Residential Mechanical Inspector • Residential Plumbing Inspector • Fire Inspector I & II • Accessibility Inspector & Plans Examiner • Property Maintenance & Housing Inspector

AFFILIATIONS

Gubernatorial appointment to Virginia Manufactured Housing Board • International Code Council Board of Directors 2017 – present • International Code Council Evaluative Services(ICC-ES) Board of Managers – 2015-2017 • International Code Council, Region VII – Treasurer – 2008-2018 • Association of Pool and Spa Professionals (APSP) Commercial Council • Virginia Building & Code Officials Association (VBCOA) – Past President 2013 • VBCOA Joint Conference(s) – Planning Committee Chairman • International Swimming Pool Code, Drafting Committee – Chair • 2012 International Swimming Pool & Spa Code – Chair • 2014-present CBO Exam Development Committee • 2015 IRC Interpretations Committee • 2015 and 2018 International Residential Code Committee – Chair • ANSI/APSP Standards Consensus Committee Chair • West Piedmont Planning District – Disabilities Services Board • Martinsville/Henry County Mental Health Association – Board of Directors • United States Submarine Veterans – Life Member • US Navy League – Life Member • Boy Scouts of America – Assistant Scoutmaster, Troop - 326

AWARDS & PUBLICATIONS

1982 Eagle Scout Award • 1986 Submarine Dolphins • 2010 VBCOA Presidents Award for Excellence for Distinguished Service at State & National Levels • 2010 Martinsville Fire & EMS Unit Citation for Exemplary Customer Service Martinsville Inspections Office • 2011 Fire Safety Commendation, National Society, Sons of the American Revolution • 2015 VBCOA Meritorious Service Award • 2014 and 2015 ICC Region VII Chairman's Award for outstanding service • Wrote and published multiple articles in Virginia Municipal League's (VML) monthly magazine circulated to elected officials throughout state, as well as city and county managers

REMOTE VIRTUAL INSPECTIONS



REMOTE VIRTUAL INSPECTIONS



What Are They?



Benefits



How Do They Work?



Permit and Inspection Types



Takeaways



Contact



REMOTE VIRTUAL INSPECTIONS

WHAT ARE THEY?

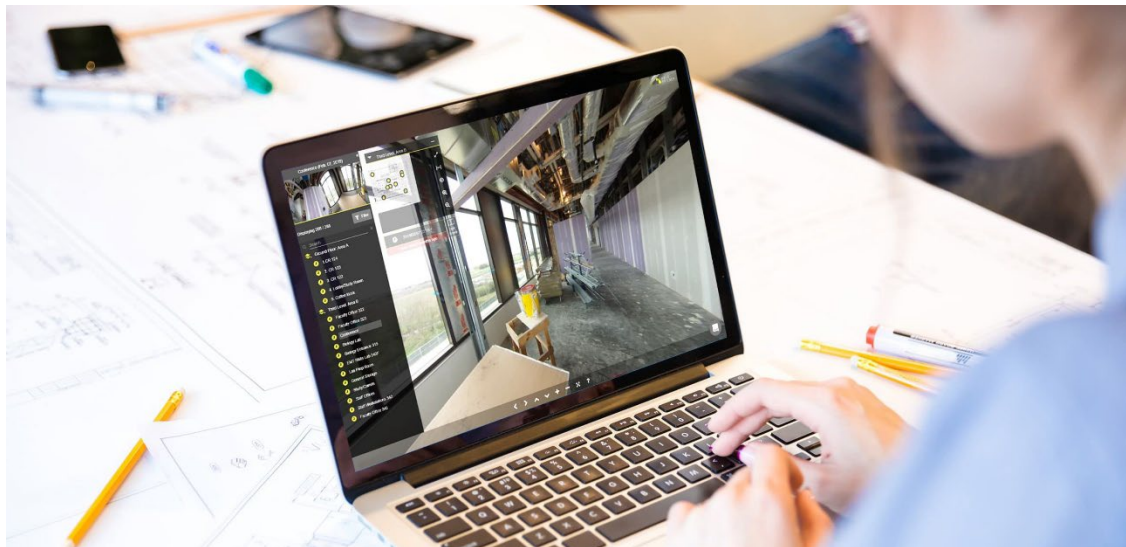
- **An inspection that takes place from any location**
- **Conducted on an inspector's PC, laptop, or tablet**



REMOTE VIRTUAL INSPECTIONS

WHAT ARE THEY?

- **Inspector and contractor or homeowner communicate through live interaction and feedback**



REMOTE VIRTUAL INSPECTIONS

BENEFITS

- **Same quality of inspection as an on-site inspection, at a pre-scheduled time**
- **Collaboration between jurisdiction and the permittee**
- **Efficient**
- **Archive / History / Audit**
- **Carbon emissions impact**



REMOTE VIRTUAL INSPECTIONS

BENEFITS

- **Ease of scheduling for both the inspector and the permittee**
- **Saves travel time**
- **Promotes sustainable development**
- **Supports social distancing**



REMOTE VIRTUAL INSPECTIONS

BENEFITS

- **Immediate results**
- **Eliminates timely back-and-forth**
- **Real time submittals (RVI Software)**
- **Auto-notifications (RVI Software)**
 - **These are just some of the technological benefits that make virtual inspections innovative for the future**



REMOTE VIRTUAL INSPECTIONS

BENEFITS

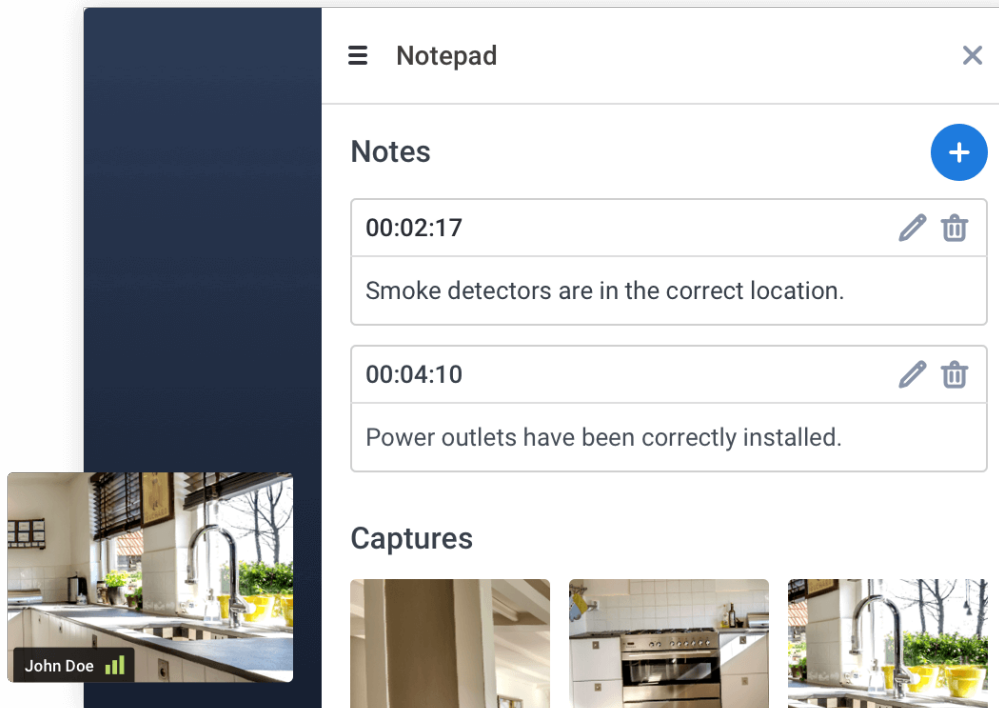
- **An inspector can perform inspections from their desk**
- **Provides windows of opportunity throughout the day**
 - **Inspector can take online continuing education classes in between inspections (not possible driving from job-site to job-site)**



REMOTE VIRTUAL INSPECTIONS

HOW DO THEY WORK?

- Inspector must be able to see close-up, take camera shots, and add notes



REMOTE VIRTUAL INSPECTIONS

HOW DO THEY WORK?

- **Must be fully controlled by the inspector via a “live” video from the permittee side**
- **Uses geo-location by tagging each video or photograph to ensure accuracy**



REMOTE VIRTUAL INSPECTIONS

PERMIT TYPES

- **Over the Counter: decks, bathroom / kitchen remodels, etc.**
- **Fast Tracks: Changeouts**
- **Mechanical, Electrical, Plumbing**
- **Site: UG, BMP's, Driveways**
- **Smaller Additions: Patios, extensions of existing space**
- **Solar, pools, re-roof, etc.**



REMOTE VIRTUAL INSPECTIONS

INSPECTION TYPES

- **Complicated inspections require specific expertise**
 - **Large foundations**
 - **Structural framing**
 - **Complex specialty systems**

**The above inspections still
must happen on-site!**



REMOTE VIRTUAL INSPECTIONS

TAKEAWAYS

- **Remote inspections are efficient and convenient**
- **An exciting addition to the industry**
- **Provides opportunity to municipalities, contractors, homeowners, and inspectors**
- **Adaptable as software and industry needs progress**
- **Easily attainable option**



REMOTE VIRTUAL INSPECTIONS

QUESTIONS?

COMMENTS?



REMOTE VIRTUAL INSPECTIONS

CONTACT

PRESENTER:

Johnny Goetz

Building Official / Senior Plans Examiner

M: (760) 914-2646 | O: (949) 877-9432

jgoetz@4leafinc.com

4LEAF, Inc.

5140 Birch Street, Suite 200

Newport Beach, CA 92660

WWW.4LEAFINC.COM

