

THE QUARTERLY

SPRING 2019



KICKED OFF 2019 WITH A CRAB FEED
See What Members Are Saying

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INNOVATION AND NEW TECHNOLOGY
Wall & Ceiling Conference & Trade Show

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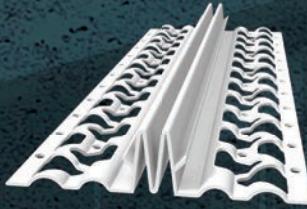
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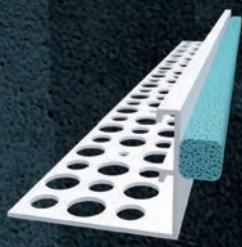
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THE QUARTERLY

A publication of the Wall And Ceiling Alliance

Spring 2019
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The Wall And Ceiling Alliance (WACA) is a wall and ceiling trade association that promotes and advocates for the welfare of its members and industry. We support our community by providing vital resources through educational forums, technical assistance, government advocacy, labor relations, industry promotion and unified representation.

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On the cover:



350 Bush
Patrick J. Ruane Inc.
Construction Excellence Award 2018 for Ceilings
Photo courtesy of KLC fotos

Member Meeting at The Van's

July 25, 2019 | Cost: \$50

The Van's Restaurant | 815 Belmont Avenue | Belmont, CA 94002-2013
Networking & Cocktails 3:30 p.m. | Dinner 5:00 p.m.

We brought back smaller member gatherings to The Van's Restaurant! This dinner meeting will be limited to 75 guests. Registration is based on first come, first served — until sold out!

We will feature a guest speaker talk during dinner.

Suggestions for future guest speakers? Contact Maria Carломагно at maria@wallandceiling.org

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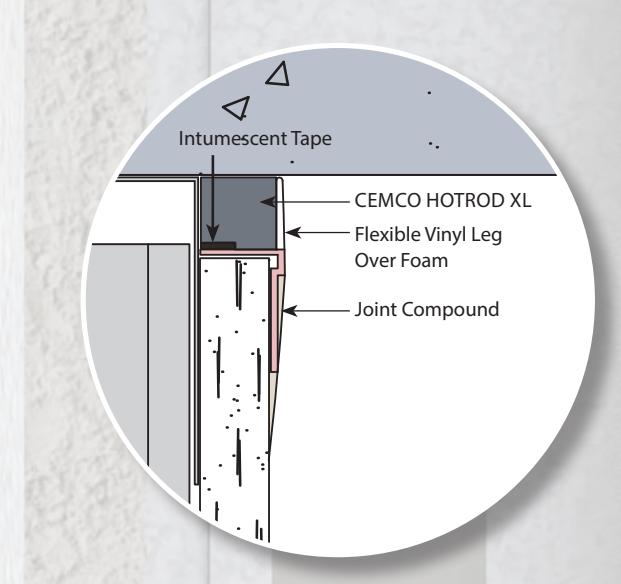
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- **U.S. Patent No. US 9,683,364 and US 10,184,246**



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Message from the President

Hopefully, by the time you read this, we've passed the final weeks of the rainy season. Not complaining about the rain, you understand, but to finally have some warm weather is something I think we all look forward to — the sunny California climate.

The summer months bring us one of WACA's premier events, the ***Construction Excellence Awards (CEA)***, which will be held at the Fairmont Hotel in San Jose on Thursday, June 6.

This event highlights the skills, craftsmanship and dedication of contractor members, while emphasizing the vital role associate members play in our industry. The awards banquet gives us the opportunity to mingle with contemporaries in a casual social environment, away from sometimes stressful job settings — while paying tribute to our craft. In the one-hour program we get to see a summary of impressive projects, from detailed historical restoration to ultra-modern talents.

A few years ago, we expanded the program to include the ***Excellence in Safety Awards***. Our safety committee and membership felt strongly about upholding the importance of safety practices in the workforce by saluting companies that maintain high safety standards. We also acknowledge the important role our suppliers and manufacturers play in the successful

outcome of winning projects. For me, the event is always an enjoyable evening that supports our construction mission and vision.

Another industry achievement to note, on March 15 WACA members and staff attended the ground-breaking ceremony for the Carpenters Northern California Training Center in Pleasanton. The new building will incorporate the Drywall/Lathers Training Center currently located in Hayward. Following the ceremony, WACA hosted an open house to showcase our now operational BIM CUBE. The open house was featured in a recent article of *The Northern California Carpenter* magazine. For WACA, this was just another opportunity to build upon our already close relationship with labor, giving us a more substantial voice in the issues we are facing and a better forum to express our opinions. Members, if you are interested in scheduling a visit to see the CUBE, call the WACA office at (925) 600-0475.

See you at CEA, and enjoy the summer.



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Board President



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KICKED OFF
2019 WITH A

Crab Feed



The Crab Feed was held at Fishermen's Grotto at Pier 39, a fitting location with views of the city, the famous Golden Gate Bridge and dock boats surrounding the restaurant. Members kicked off 2019 enjoying cocktail hour, discussing business and the industry in a relaxed setting. More than 200 guests networked at the first member meeting of the year; new member Wil Carney of Carney's Plastering was able to experience his first member meeting.

The invited guest speaker was Terry Kastner, executive director of the Northwest Wall and Ceiling Bureau (NWCB). Terry opened up the evening by providing an overview of the Wall & Ceiling Conference & Trade Show this past April 4-6, in Henderson, Las Vegas. The conference is a powerful industry event that allows attendees to stay informed and up to date with construction information. The evolution of the event

name — the Wall & Ceiling Conference & Trade Show — reflects a new collaboration with WACA, NWCB and the WWCCA (Western Wall and Ceiling Contractors Association). The joint effort from all three western wall and ceiling associations is intended to bring broader coverage and exposure for attendees and exhibitors.

WACA thanks the generous sponsors who contributed the dinner wine for this event: California Drywall Co., Foundation Building Materials, Fry Reglet, Hilti, Leonidou & Rosin, Scaffold Solutions Inc., Vertice Accounting Solutions Inc., and Sweeney, Mason, Wilson & Bosomworth as well as Western State Drywall/Lathing Industry Labor-Management Cooperation Committee Inc.

To see more photos of this crabby event, visit the photo gallery at www.wallandceilingalliance.org.



A large, detailed red line drawing of a crab, facing towards the left. Below the crab is a dark rectangular box with a red dotted border. Inside the box, there is a quote and the name of the person who said it.

"The Crab Feed to me is one of the main events of the year for our industry where there is not only great attendance but a wide range of disciplines in attendance. It provides a great opportunity for catching up, meeting new people and setting up new opportunities. Thanks for making WACA a great industry resource."

— Rob Shimetz, Preconstruction Manager, KHS&S Contractors



"This was the first WACA Crab Feed I was able to attend. The event allowed me to experience the great rapport between colleagues and competitors together in this thriving market. With all the great work going on in Northern California, time is a premium for everyone, and it was nice to see so many people making the time to attend and catch up with others. Whether it was reconnecting with someone you know, work with, or making new connections, it really underscores how integrative WACA is to the industry."

— Chuck Bundrick, Dryvit Systems Inc. —



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by Matt Jung, Northern California Sales Manager



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FBM is a relatively young company established in 2011 that is customer-driven, flexible, growing and able to respond quickly to market changes and customer needs. We are fortunate in today's competitive labor market to have team members with deep-rooted experience in our industry and in the Bay Area. It's a priority for us to recognize and value our employees, as they are the most important asset we have. We invest time and energy in our people, with the understanding that they will do the same for our customers. Additionally, at our company, technology is vital for both the sake of our operations and, more importantly, for our customers' benefit. Whether it is our mobile app, which provides customers with critical order tracking and delivery data, or convenient online billing, we are always listening to our customers and trying to make it easier for them to do business with us.

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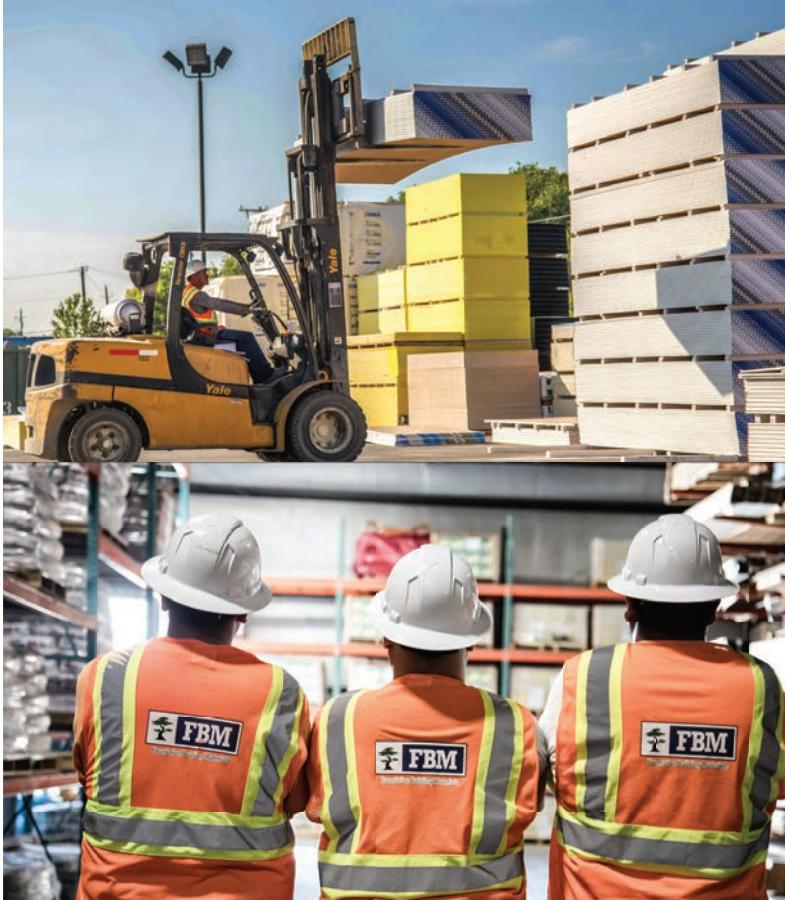
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Michael Gardner

One-Hour Fire-Rated Ceiling Options

The fundamental rule of constructing a fire-rated system is that the system must be installed as it was tested; to achieve the required fire rating, the tested construction must be replicated in the field. Unfortunately, odd situations occasionally arise, many of which derive from a unique aspect of the structure being constructed or renovated that requires one to step back and take a moment to figure out how to provide the required rating.

Horizontal fire-rated systems seem to present this challenge more than vertical systems. Likely that is because of their unique architectural nature, given the many changes that can occur within the elevation or angle of a floor or roof, or the structural support members thereof.

In the right circumstance, specific generic systems contained within the *Gypsum Association Fire Resistance Design Manual, 2015 Edition* (GA-600-2015), provide relief for one-hour floor-ceiling test issues. Each system can be used with a wide variety of framing materials.

File FC 4505, for example, provides a one-hour rating when two layers of 5/8-inch-thick type X gypsum wallboard are applied to channel-shaped steel joists. Effectively, the language in the system description also permits the two-layer membrane to be used to provide one-hour fire-resistance for other metal framing components, as long as the framing members are spaced as defined and the gypsum wallboard is attached as prescribed.

GA File FC 5529 accomplishes the same for wood-frame systems. Additional wood-frame system language is also found in ICC-ES Evaluation Report ESR-1338. Similar systems exist for roof-ceiling applications using either metal- or wood-framing members.

The noted systems are often the best option when structural irregularities or issues involving access to the underside of the structure

above occur, and no specific system will suffice. Note that the identified systems cannot be backloaded with insulation unless specific prescriptive requirements contained in GA-600 are followed.

Generic fire resistance ratings contained in GA-600 are accepted under the IBC based on footnotes to the three tables in Section 721.1 of the code. ICC-ES Evaluation Report ESR-1338 contains similar language. Use of any of the systems should be confirmed with the authority having jurisdiction and the gypsum board manufacturer before commencing construction.

Another option with a floor-ceiling system is the use of the "lid rule" — an often-overlooked remedy contained in contemporary model building codes.

Buried in Section 708 of the 2015 *International Building Code (IBC)*, the "lid rule" option is often missed because it is written as two exceptions to language that addresses the continuity requirements for one-hour rated partitions. It was initially written into the *Uniform Building Code* decades ago and was incorporated into the first edition of the IBC in 2000.

In its purest form, the "lid rule" exists to address situations where a fire-rated corridor is required in a building that has a significant floor-to-ceiling height span. It was originally included in the egress section of the IBC and migrated to Chapter 7, where it can be used more broadly for fire ratings, about a decade ago.

The language permits a rated ceiling installed in a corridor to serve as fire-rated protection, provided the required construction is installed using one of two methods: 1) one-hour walls are installed and then capped with a horizontal "lid" — effectively making an upside-down U-shape enclosure — that is constructed identically to the one-hour partitions, or 2) the membrane on the outside face of the one-hour partitions is carried to the underside of the structure above and a simple one-hour ceiling is installed between the partitions.

No system will identically match what was tested in a lab, as field conditions are not the same as lab conditions, so some discretion is appropriate with any fire-rated system installation.

Note that while the language is specific to corridor applications, the rule can be used in other instances, at the discretion of the authority having jurisdiction, when parallel walls require a rated ceiling above the occupied space between. It is a particularly convenient way to create a rating when a lot is going on in the interstitial space above the ceiling — wiring, ductwork, cable trays and the like.

A third option is the use of a proprietary horizontal membrane system that has been tested for use as a rated ceiling. Decades ago, such systems were available from individual manufacturers and were largely constructed as horizontal shaftwall systems. They faded away over the past decade, likely because of the difficulty in installing heavy liner panels on a horizontal plane, but they may be making a bit of a comeback, and GA-600 now includes a smattering of examples.

Again, the newer systems are proprietary. Each has to be constructed using the material provided by the designated manufacturer.

No system will identically match what was tested in a lab, as field conditions are not the same as lab conditions, so some discretion is appropriate with any fire-rated system installation. What takes thought and investigation is figuring out how to achieve the desired result when construction conditions deviate somewhat as compared to a best-case lab situation.



Michael Gardner is the president of M Gardner Services LLC (MGS), a consulting firm that assists organizations with issues involving industry standards and building codes, meeting management, and external collaboration and outreach. Prior to establishing MGS, he was the executive vice president of compliance programs for the International Code Council. He is also the former CEO of the Gypsum Association and currently serves as WACA's special technical advisor. He can be reached at michael@mgardnerservices.com.



Did You Miss the Wall & Ceiling Conference & Trade Show?



WACA co-hosted the Wall & Ceiling Conference & Trade Show this past April 4-6 at Green Valley Ranch Resort in Henderson, Las Vegas. The change of the event name to the Wall & Ceiling Conference & Trade Show reflected a new joint effort with WACA, NWCB and the WWCCA (Western Wall and Ceiling Contractors Association) to bring greater coverage for attendees and exhibitors.

This powerful industry conference allowed attendees to stay informed about the industry. The theme was "Construction Goes Hi-Tech: Recruit, Compete and Sustain Success." The conference offered participants a glimpse into how technology and innovation will be impacting our lives and our work in the future and beyond. The keynote speaker was Jeff Sample from JBKnowledge, a consulting company that provides technology solutions for the construction and insurance industries. Conference opportunities included a trade show, educational seminars on both technical and business topics, networking events and industry meetings. Contractors and industry

professionals were able to use the conference as a gathering space to evolve their business acumen and create partnerships.

Exhibitors gained valuable face-to-face time with the key decision-makers representing the major wall and ceiling contractors on the West Coast. Attendees who chose the Convention Delegate registration were able to experience the Exhibit Hall as well as enjoy the Exhibit Breakfast on April 5 and 6, the Manufacturer & Dealer Party featuring a dinner buffet and a live band, and a final banquet dinner, plus access to all educational seminars and general industry meetings.

We appreciate all the contractors who supported the conference: Anning-Johnson Company, Coast Building Products, Frey Plastering Inc., Golden Gate Drywall, Henley & Company, Ironwood Commercial Builders Inc., Karsyn Construction Inc., Patrick J. Ruane Inc., Performance Contracting Inc. (PCI) and Raymond-Northern California Inc.

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Join Us in Celebrating an Evening of Remarkable Wall and Ceiling Workmanship

CEA honors contractors that have performed exceptional wall and ceiling craftsmanship in Northern California. The ceremony showcases the companies and individuals who contributed to the framework of the awarded projects. This is an opportunity to recognize and promote contractors' work and our industry.

June 6, 2019 | 4:30 P.M.

Time

4:30 p.m.

Networking & Cocktail Hour

6:00 p.m.

Dinner & Awards Show

Location

Fairmont Hotel
170 South Market Street
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Tickets

Cost: \$75 per person

Purchase Tickets Online:

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Calendar of Events Page

Registration

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Calendar of Events Page – June 6

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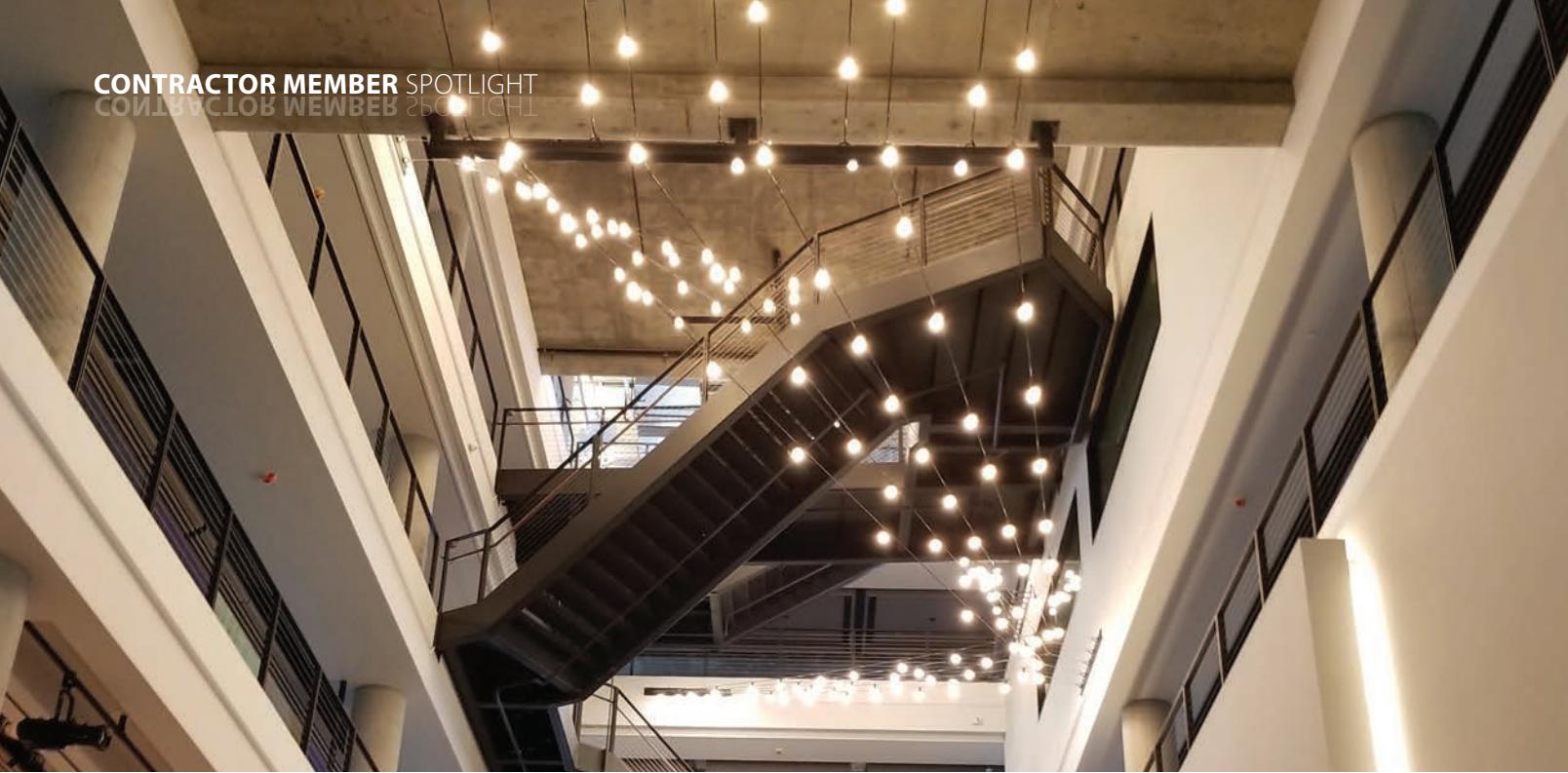
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Brent Zerull,
Drywall Division President

The drywall and restoration divisions were introduced to the company in 1999 and 2000 as natural extensions of our capabilities and in response to growing client demand for higher standards in quality and execution. Now based in Emeryville, California,

the company supports a working staff of over 325 full-time employees. More than 180 dedicated individuals comprise the drywall division, while the remainder of the workforce is divided between the painting and restoration divisions. Our primary service

areas include, but are not limited to, the San Francisco Bay area, extending as far north as Santa Rosa, south past San Jose, and east to Sacramento and Merced. Providing complete light and heavy gauge metal framing, drywall and acoustical ceiling services,

the drywall division's specialties include high-level corporate buildouts, interior and exterior multilevel core and shell work, institutional/educational facilities and select residential projects.

Many of the obstacles we at Giampolini face in today's marketplace represent opportunities for growth and expansion. Compressed and overlapping construction schedules, a shortage of qualified craftsmen/workforce, and architectural features ever more increasing in complexity combine to bring to the forefront the best of what Giampolini has to offer. Our long-term investment in quality, the commitment to maintaining a reliable and capable workforce, and state-of-the-art equipment blended with "old school" craftsmanship represent a part of what enables our company to succeed where others might stumble.

As for industry support, we recognize and appreciate much of what WACA brings to the table. Providing technical assistance, a collective bargaining platform, educational programs and opportunity make for significant contributions. Keeping members apprised by way of informative publications that include a focus on innovations relating

to means and methods, new products and applications are some of the additional benefits made available to Giampolini through affiliation with the Wall And Ceiling Alliance.

In positioning for the future, we've modernized and strengthened our administrative and field support functions. We have invested in larger, more strategically located warehouse, corporate yard and office facilities. Our recently established warehouse and office facility located in the industrial heart of San Jose will enable our workforce to better serve our growing South Bay client base.

The successful completion of prominent and challenging projects such as the new San Francisco Transbay Terminal, major renovation

The commitment of company founder Servino Giampolini to quality, the pride of workmanship, and outstanding service remains a driving factor in Giampolini & Company today.

of the historic Bowles Hall building located on the UC Berkeley Campus, Stripe Corporate and Airbnb headquarters, and Vy Capital atop the new Salesforce Tower are but a few feature projects that place Giampolini in a position poised and ready to take on a future filled with new challenges and opportunity.



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A photograph of a modern building facade. The upper portion is a light grey color with several small, square windows. Below this, there is a dark, angular section with large glass windows that are brightly lit from within, suggesting an interior space. A circular callout points from the text to the building's surface.

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Building on BIM for the Future of Construction

What seemed like pipe dreams 20 years ago — connected equipment and tools, mobile apps, autonomous heavy equipment, drones, robots, augmented virtual reality — are either routinely used at construction sites today, or just around the corner. "Adaptation is one of our real strengths," Alvarado says.

In the current technological wave, the widespread use of Building Information Modeling (BIM) has played a critical role. BIM refers to the use of three-dimensional digital models with information about the building to create construction documents as well as other documents and processes, rather than two-dimensional blueprints. Huge rolls of paper construction documents on the job site are being replaced by tablets, smartphones and head-mounted technology and augmented reality displays.

Welcome to Immersive Reality

Now, the Wall And Ceiling Alliance (WACA), the organization of Northern California union-signatory drywall, lathing, and interior and exterior plastering contractors, has pushed the BIM process to a new level with the Collaborative Ultimate Building Environment (CUBE).



Marlin Chappell, a member of Local 9109, working with Cody Nowak, with the Wall And Ceiling Alliance (WACA), in the Collaborative Ultimate Building Environment (CUBE). Chappell works for California Drywall using this new BIM-based technology on several projects.

Located in WACA's Pleasanton office, the CUBE is basically a movie theater for BIM where construction documents, virtual three-dimensional BIM models and other files can be blown up on adjoining walls on a large scale. Owners, contractors, subcontractors and workers can meet in the CUBE and make changes "on the fly, in real time," in the words of developer/consultant Cody Nowak.

Participants can literally walk through a rendered virtual 3D model of the project in a 1:1 human scale as a collaborative group. Or one user can walk through with a more immersive virtual reality headset on, as the rest of the team sees what that person sees in virtual reality projected on the walls in a near 1:1 human scale. The team can then make changes that will immediately be reflected in the construction documents, and instantly see the changes put into place in the rendered three-dimensional walkthrough.

This immersive visualization, made possible by virtual reality and augmented reality, paired with BIM, will lead to better collaboration and communication. General contractors, with mechanical, plumbing, electrical and drywall subcontractors, for example, can actually meet in a CUBE, agree on plan changes, visualize them and change the construction documents accordingly. The bottom line: increased efficiency and productivity, and a dramatic reduction in the number of expensive change orders.

While early versions of this immersive technology were clunky and proprietary, the CUBE is an open technology, which means parties can come to the WACA office, input their BIM models and actually visualize and adjust the structure itself at a 1:1 human scale as a collaborative group in real time, without headsets.

"We basically advanced the application and made it more collaborative," Nowak says.

WACA Steps Up

With the support of the WACA Board of Directors, composed entirely of union-signatory contractors, WACA staff directed and worked with Nowak to begin setting up the CUBE — complete with a near-personal supercomputer, a surround sound system, a projection mapping system, virtual reality head-mounted display and other new technologies — at the association's office.

"We're pushing the envelope," says WACA CEO Frank Nunes. "Our Board agreed that this was the direction the industry was going, and we needed to get out in front."

The WACA directors were particularly attracted by how the CUBE can facilitate drywall and framing subcontractors being able to get on project preconstruction planning early on, Nunes says.

WACA affiliates can now bring their own BIM models to the CUBE, and in a few minutes they are in the software. From there, they are walking through the model on a 1:1 scale, in real time. The CUBE software can even simulate day or night lighting for the appropriate season.

California Drywall has been one of the first of the wall and ceiling specialty contractors to buy in to the new technology. "Our company's culture is all about identifying and using new technologies to improve our performance and product," says Marlin Chappell, a member of Local 9109 and a part of California Drywall's BIM team. "We plan on using the CUBE on an upcoming hospital project in Santa Rosa and a hotel project in San Francisco as we experience the value it brings."

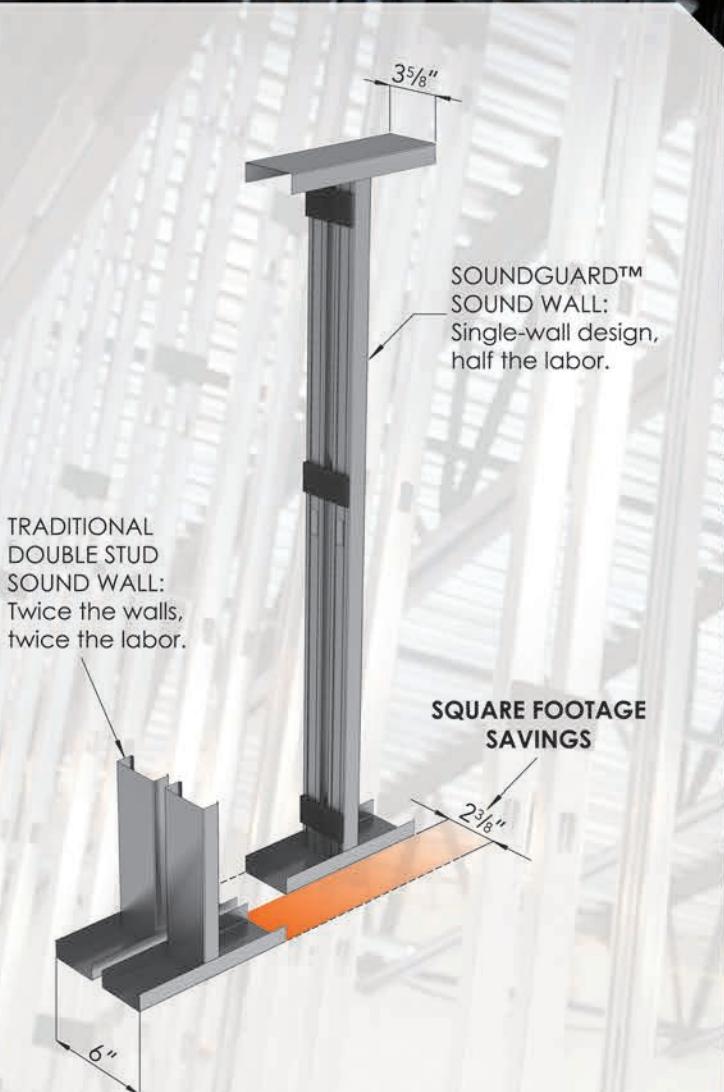
Chappell, who came into the industry as an apprentice in 2009, is employed by California Drywall — where he used his computer and BIM skills on the CPMC Van Ness Campus Hospital Project, where subcontractor coordination was particularly important.

"Recently, Steve Eckstrom, our company president, got together with Cody and had me run some BIM projects through the CUBE," Chappell says. "Bringing it to WACA was a way to move the whole industry forward. It's setting a higher bar for all of us."

The CUBE is just the beginning, Chappell says. "There's a definite wow factor with the CUBE when you're working with it," he notes. "We're starting to use it on some of our projects and with them we will start seeing the real value."

This article was reprinted with permission from The Northern California Carpenter magazine.

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WALL AND CEILING ALLIANCE Golf Tournament

Friday, September 20, 2019

Poppy Ridge Golf Course • Livermore, CA



Come enjoy a day filled with networking opportunities, meet new people, connect with current contacts, partner up with peers and have a chance to win great prizes. There will be tournament competitions, raffle prizes and gift bags filled with giveaways!

TOURNAMENT SCHEDULE

Registration & Breakfast	10:00 a.m.
Shotgun Start	12:00 p.m.
Hosted Cocktails	5:30 p.m.
Dinner & Raffle Prizes	6:00 p.m.



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\$200 per Player / \$800 Foursome

Fees include: Door gifts, green fees, golf cart, 18-hole play, breakfast, lunch and dinner, snacks, on-course beverages and an opportunity to win grand raffle prizes!

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Tee sign on the course with company name or logo

Event Sponsor \$650

Golf for two (2), company logo signage throughout event, tee sign

Hole Sponsor \$1,000

Table/tent at a hole, golf for two (2), logo on WACA homepage, company signage throughout event, tee sign

Mega Sponsor \$3,000

Only four (4) mega sponsorships available!

Includes table & tent at a hole, onsite vendor (margarita machine or ice cream bar), foursome (4), logo on WACA homepage, company signage throughout event, tee sign

Tournament Is Scramble Format

- Dress code: No T-shirts, tank tops or denim jeans
- Men must wear shirts with collar and sleeves
- Shorts must have an inseam of at least four (4) inches

Register online

www.wallandceilingalliance.org

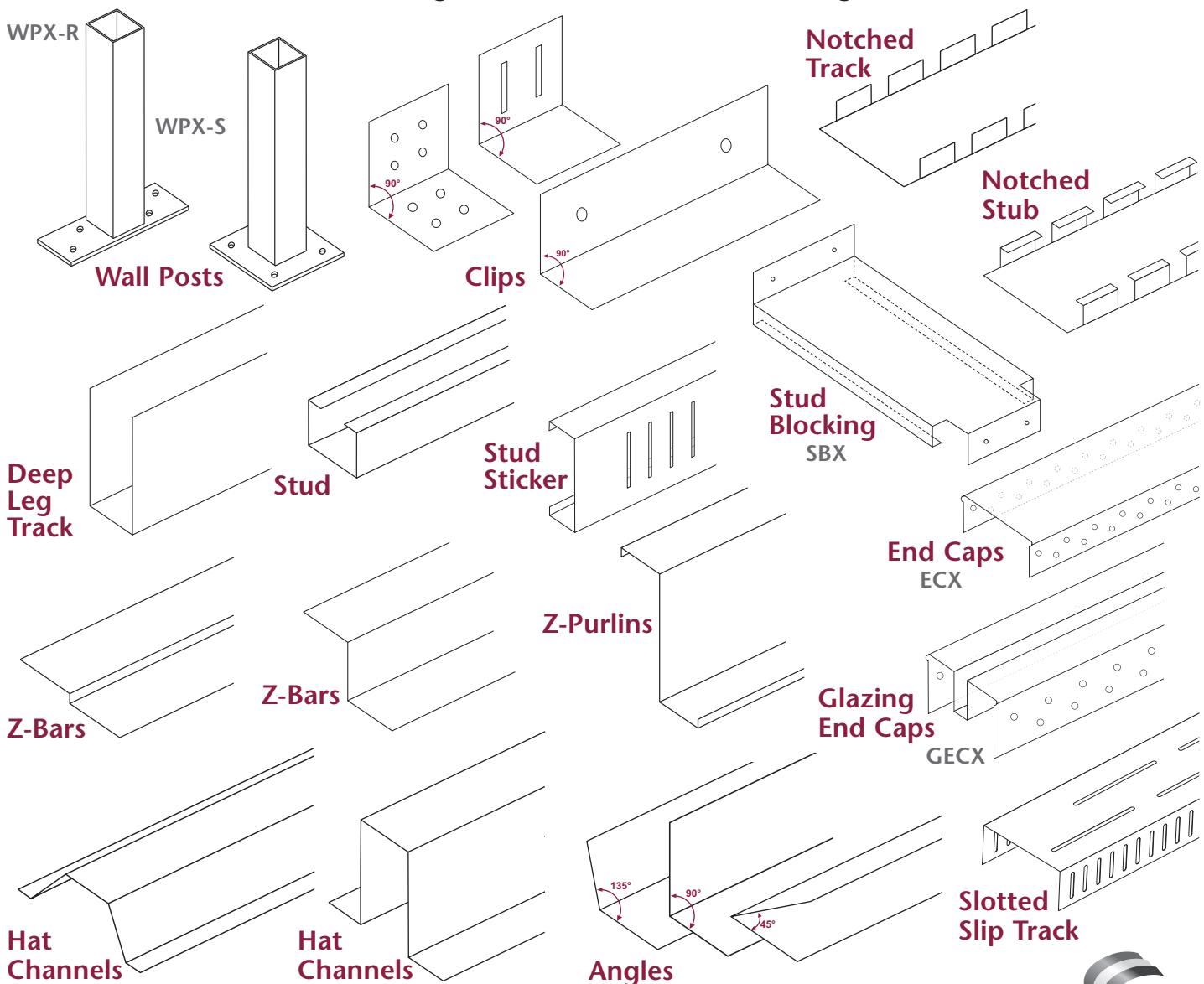
Calendar of Events – September 20



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Chris Lee, Safety Consultant

The following information is intended to assist construction employers in several areas: injury and illness reporting deadlines, online compliance assistance tools, specific job site tools, written programs, tailgate safety meetings, training requirements in Cal/OSHA regulations, Cal/OSHA inspection protocol (document request) and most frequently cited Cal/OSHA regulations in construction.

Injury and Illness Reporting Deadlines

California employers were required to post the Log 300A "Summary of Injuries and Illnesses" in a conspicuous location of the work site from **February 1-April 30, 2019**. Need help on how to record injuries/illnesses? Click on "Forms for Recording Work-Related Injuries and Illnesses": www.dir.ca.gov/dosh/dosh_publications/RecKeepOverview.pdf.

In addition, under revised regulations, construction employers with 20-250 employees were required to electronically submit their Log 300A for calendar year 2018 to federal OSHA by **March 2, 2019**. For more information about how to electronically report your data: www.osha.gov/injuryreporting/index.html.

Online Compliance Assistance Tools

"Cal/OSHA Guidance for Construction Employers" – This table allows employers and employees to access specific regulations for various Title 8 regulations on construction, as well as useful guidance materials, posters and other resources: www.dir.ca.gov/dosh/construction-guide-summary.html.

"Cal/OSHA Pocket Guide for Construction" – This guide is for the use of workers, employers, supervisors, shop stewards, safety personnel and others. The Pocket Guide for Construction:

- Summarizes Title 8 regulations applicable to the construction industry
- Lists the major subject headings in alphabetical order in the table of contents
- Provides highlights of selected safety standards in each major subject heading within its scope and may also include best practices
- Is available in PDF format and can be printed online: www.dir.ca.gov/dosh/dosh_publications/constguideonline.pdf

Portable Ladders, Fall Protection and Scaffolds

- "Portable Ladder Safety eTool" – This helpful eTool provides important information on portable ladder inspections, use and maintenance: www.dir.ca.gov/dosh/etools/08-001/care.htm
- Another eTool on portable ladder safety provides references to the actual regulation: www.dir.ca.gov/dosh/etools/08-001/reg.htm
- "Fall Protection in Construction" – This fact sheet covers Cal/OSHA requirements, helpful safety information, common passive systems and common active systems: www.dir.ca.gov/dosh/dosh_publications/Fall-Protection-in-Construction-fs.pdf

Cal/OSHA Requirements and Compliance Assistance Resources

- "Scaffolds" – Follow this link for the actual Title 8, Section 1637, general requirements: www.dir.ca.gov/dosh/dosh_publications/GuideForSupportedScaffolds.pdf

This resource addresses 1) commonly used supported scaffolds, 2) common hazards in scaffold use, 3) selected Cal/OSHA regulations and 4) safe work practices.

Written Safety and Health Programs

Construction employers are urged to make sure their basic written programs are up to date. Among others, these include 1) the Injury and Illness Prevention Program (IIPP), 2) the Heat Illness Prevention (HIP) Program and 3) the Code of Safe Practices.

1. IIPP eTool: www.dir.ca.gov/dosh/etools/09-031/index.htm
2. HIP: www.dir.ca.gov/dosh/HeatIllnessInfo.html
3. Code of Safe Practices: www.dir.ca.gov/title8/sub4_A.html. See plate A-3 for the recommended items for the Code of Safe Practices.

Tailgate Safety Meetings

Cal/OSHA construction safety orders require construction employers to conduct tailgate/toolbox safety meetings every 10 days (Title 8, Section 1509(e)). Follow this link for more information: www.dir.ca.gov/dosh/etools/09-002/tailgate.htm.

Within this link are additional links to: 1) Cal/OSHA publications (including the Pocket Guide), 2) an insert card (contains 63 separate tailgate topics with a link to the page in the Pocket Guide that describes what is required) and 3) setting up a tailgate/toolbox meeting. Be sure the foreman/crew leader who conducts the tailgate meeting keeps a record of the date, subject(s) discussed and names of the employees participating.



Training Requirements in Cal/OSHA Regulations

A handy resource is a table prepared by Cal/OSHA that lists, by subject category, the basic training requirements in Cal/OSHA regulations. The "Cal/OSHA Safety & Health Training and Instruction Requirements" can be accessed at www.dir.ca.gov/dosh/dosh_publications/trainingreq.htm.

Cal/OSHA's at the Door and Wants to See Your Documentation

If Cal/OSHA reports to your job site and opens an investigation, they will present you with a document request with a deadline for production.

The one-page form is entitled "Document Request (Cal/OSHA 1 AY)" and contains 23 different documents that could be requested. If such a document request is received, please take it seriously and be as responsive as possible. If an employer fails to submit the requested documents, Cal/OSHA may conclude that they do not have the documents, and a citation/penalty might be issued. www.dir.ca.gov/DOSHPol/P&PC-1AY.pdf.

Most Frequently Cited Standards in Construction

Over the last four years, the most frequently cited regulations during construction inspections were as follows:

1. Heat illness prevention (see www.dir.ca.gov/title8/3385.html)
 2. Injury and illness prevention program (see www.dir.ca.gov/title8/1509.html)
 3. Code of Safe Practices (see www.dir.ca.gov/title8/1509.html)
 4. Emergency medical services (having an appropriately trained person onsite to render first aid) (see www.dir.ca.gov/title8/1512.html)
 5. Reporting to Cal/OSHA any serious injury, illness or fatality (notification within 8 hours is required) (see www.dir.ca.gov/title8/342.html)

Employers might be well-advised to check their safety programs to ensure they are in compliance to avoid citations in these areas. For these most frequently cited regulations, Cal/OSHA issued a total of 6,252 violations, with proposed penalties of \$6,236,931!

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STAY IN THE KNOW

► Jim Stafford Retirement from Carpenters



After nearly 50 years in construction, Jim Stafford is retiring from the wall and ceiling industry. Jim's career path began as a gopher and "clean-up kid" on his first construction job with The Bank of California in Van Nuys, where he trained in the 1970s under the site foreman. After carpentry and opening his own drywall business, Jim went on to the KHS&S office in Concord, eventually holding the title of President of field operations for KHS&S-West Coast. He retired from Contractors; with his experience and accomplishments in the Carpentry, the Carpenters hired him to serve as a representative for the company's facility and international headquarters in Las Vegas. We are grateful for Jim's career success and perseverance — and his love of practical skills. Jim's passion for carpentry will continue to serve him well in his retirement.

► Ryan Tiru Promoted to VP of Business Strategy at Cal Drywall Co.



strategy. Ryan's experience in the industry ranges from tenant improvements to large ground-up facilities. His expertise as an accomplished preconstruction leader has made him a valued asset in schematic and design phases of projects. In response to his promotion, Ryan noted, "I am extremely proud to continue working with this pioneering leader in the industry, as we build on the experience of seven decades moving forward." Congratulations to Ryan on his new promotion.

►Steve Etkin Retirement from AWCI



tiring on December 31, 2019, after more than 24 years with the association. AWCI's Executive Committee has formed a CEO search committee to find a replacement. AWCI intends to have a successor on board by the summer, with Steve's position continuing until the end of the year. For more information about the process, please reach out to Jerry Smith at jesmith@bakertriangle.com or (512) 260-7600.

► Nancy Brinkerhoff Making History

Nancy was appointed in 2012 by WACA to take on Northern California's AWCI's Board seat, and in 2014, was nominated into AWCI's Executive Board. In June 2019, Nancy will accept the position of AWCI's Board president, becoming the first female Board president in the history of AWCI. This is a historic undertaking for the wall and ceiling construction industry.

Nancy's Board presidency installation lunch commenced at AWCI's Annual Convention on April 22-26, 2019, at the Gaylord National Resort & Convention Center, in National Harbor, Maryland. We support Nancy in her role as president and are thankful that she will continue as WACA's secretary/treasurer on the Board.

2019 CALENDAR OF EVENTS

✓ WACA events in red

JUNE 3-5

ENR FutureTech
San Francisco, California

✓ JUNE 6

**WACA Construction Excellence
Awards 2019**
San Jose, California

JUNE 6-8

A'19: AIA Conference on Architecture
Las Vegas, Nevada

JUNE 9-12

**Safety 2019 Professional Development
Conference & Exposition**
New Orleans, Louisiana

JUNE 22-25

**BOMA International Annual
Conference & Expo**
Salt Lake City, Utah

JUNE 22-26

ASHRAE Annual Conference 2019
Kansas City, Missouri

JULY 7

Glass Con Global
New York City, New York

JULY 12-13

**Southeastern Wall & Ceiling Trade Show
and Annual Convention of FWCCA**
Ponte Vedra, Florida

✓ JULY 25

WACA Member Meeting at The Van's
San Francisco, California

AUGUST 21-24

NAWIC Annual Conference
Atlanta, Georgia

SEPTEMBER 13

NCCA Golf Tournament
Livermore, California

SEPTEMBER 17-19

Glass Build America
Atlanta, Georgia

✓ SEPTEMBER 20

WACA Golf Tournament
Livermore, California

OCTOBER 9-11

CONSTRUCT Conference
National Harbor, Maryland

OCTOBER 11-13

ICAA Convention & Trade Show
Phoenix, Arizona





WELCOME NEW MEMBERS

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CARNEY'S PLASTERING

» Carney's Plastering is a second-generation, family-owned business specializing in plastering, lathering and stucco needs, including new construction, renovations and remodeling, and additions. The business is owned and operated by Wil Carney, son of a San Francisco-based businessman who taught contractors and construction workers to have the highest standards in their work. Wil started his business in 1988 and joined the industry in 2014 as a union plastering contractor. The company has six employees and extensive experience in safely supervising tradesmen on large commercial projects, with all relevant OSHA, state and local regulations observed to maintain a low-risk and hazard-free work environment. Most of the company's work is done in San Francisco, Oakland and Richmond. For more information, contact Wil Carney at wilcarneyplastering@gmail.com and (415) 240-9402.

VALDEZ PLASTERING

» Valdez Plastering is based in San Francisco and services the Northern California area. The company specializes in the areas of lath, plaster and paint. For more information on Valdez Plastering, contact company representative and president/owner Anthony Perez at anthony@valdezplastering.com and (916) 454-2243.

ASSOCIATE MEMBER

FIREWISE CONSULTANTS

» FireWise Consultants is an unbiased Passive Fire Protection Products consulting firm that specializes in Firestop while helping assist projects and companies to drastically reduce unforeseen issues, unnecessary change orders, added costs, improperly designed details and delays. The business was established in 2014 and is based in Northern California, but works throughout the country with a focus on complex commercial, OSHPD and state projects. FireWise Consultants offers a professional time-saving system that allows a firm to have a

single point of contact to help point out unforeseen issues and solve problems in an accelerated manner. The company collaborates with the entire design, construction and inspection team to create a successful chain of communication, so all parties understand changes as they come about. For specialty contractors, FireWise can help make businesses more efficient when dealing with Passive Fire Protection Products by including — though not limited to — plan/spec review, BIM review, quality control program, live tracking of systems/EJs/questions, and bid review. For more information, contact Brent Johnson at brent@firewisenconsultants.com and (925) 523-3050.

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