

# THE QUARTERLY

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**HUMIDITY,  
DRYWALL,  
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**KICKING OFF  
A NEW DECADE:**

***CRAB FEED 2020***

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## THE QUARTERLY

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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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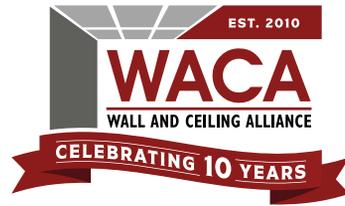
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CEA 2019 Project Winner: Historical Restoration Interior  
Photo courtesy of George Baker



Frank Nunes  
Chief Executive Officer

## Life in Uncharted Times

As you read this, I hope that you are safe and well. It's springtime, and as I write this message, we're well into the coronavirus (COVID-19) pandemic shelter-in-place (SIP) order.

The SIP mandate was a progressive state order designated in California. The Bay Area local government implemented the decree, and soon after, the rest of the states applied SIP orders.

Santa Clara County was the first county in the country to issue the restrictive SIP mandate, which included specifics on "essential" construction work. These construction restraints caused confusion and uncertainty within the industry. The 6-feet-apart social distancing guideline has been difficult to navigate on construction sites, particularly when taking elevators to floors. Many of us are carrying "essential work" documents authorizing travel. Such construction limitations have put contractors in a critical situation; companies are trying to operate while figuring out how to manage the impact on staff and our workforce.

The requirements for personal protective equipment have never been higher; at the same time, in these climate conditions, it's been harder to accomplish. We have been tracking, interpreting, and implementing varying local, state, and federal rules. We've been able to navigate these regulations through the support and collaboration with our labor partners, legal counsels, allied associations, and governmental advocates. We have come together, standing shoulder to shoulder, to find solutions and answers.

These are challenging and unnerving times, personally and professionally. Families are being affected by job reductions,

job loss, prolonged SIP and safety enforcement, and catching the virus. I encourage you to stay healthy and safe, not just for your well-being, but also for the welfare of your family, friends, and the general public. We don't know how the person 6 feet away is dealing with this world pandemic. Mental health gets affected by isolation, fear, and anxiety, causing strong emotions in adults and children. If you or someone you care about is feeling overwhelmed with emotions, speaking to a mental health professional can help relieve some emotional stress. The disaster distress helpline is available by calling (800) 985-5990 or by texting *TalkWithUs* to 66746. Let's support and help one another.

In the last couple of weeks, we've received new information on how to prevent ourselves from catching and spreading the coronavirus and learned more about economic relief programs from the government. We created a COVID-19 resource page on our website for use as a source of reference for information valuable to business operations and safety. If everyone does their part in protecting themselves and being safe, we can stop this virus from spreading.

I hope and pray that by the time you read this, we will have passed the peak of this devastating period in our world history. WACA continues to operate regular business hours. If you need us, reach out to any of our staff members. We're here to help. I don't know when we'll get to see each other in the same space, but till then, stay positive, healthy, and safe.

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# Kicking Off a New Decade: *Crab Feed 2020*



On February 20, WACA members celebrated the first meeting of the year at Fishermen's Grotto in San Francisco. This first meeting of 2020 was particularly significant. It kicked off the association's 10th anniversary, and we were able to celebrate a month before the shelter-in-place ordinance.

When registration opens for the next Crab Feed, be sure to sign up quickly — dinner sells out fast!

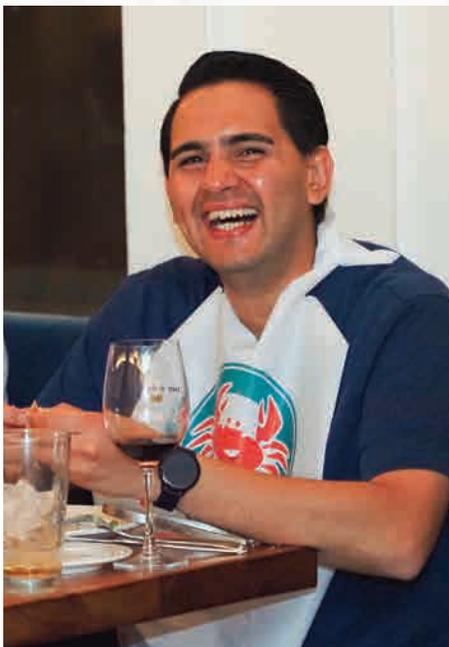
Terry Kastner, executive director of the Northwest Wall and Ceiling Bureau (NWCB), made special remarks on the 2020 Wall & Ceiling Conference & Trade Show in Scottsdale, Arizona. The conference reflects its collaboration with WACA, NWCB and the WWCCA (Western Wall

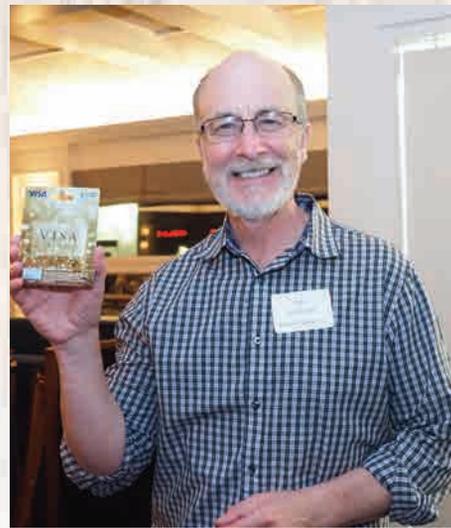
and Ceiling Contractors Association). Regrettably, the 2020 conference had to be canceled due to the COVID-19 restrictions, but we look forward to partnering with NWCB for this conference next year.

New associate member Atlas Roofing and Wall Insulation Company attended this first event of the year — welcome!

We would like to thank the sponsors who generously contributed the wine for this event: Bear Scaffold, Foundation Building Materials, Henry Building, Hilti, J&J Acoustics, Inc., Leonidou & Rosin Professional Corporation, Nathan Kimmel Company, Promotional Edge, Scaffold Solutions Inc., Sweeney Mason LLP, and Western States Drywall/Lathing Industry Labor-Management Cooperation Committee, Inc.







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# Relative Humidity, Finishing Drywall, and Priming for Spray-Texture



by Michael Gardner

The criteria for applying and finishing gypsum panels in third-party standards generally prohibit installing panels when temperature in a work area is below 40 degrees Fahrenheit — a threshold below which conditions may become dangerous for workers if the site is cold and windy. In such a situation, the decision to start or stop work is often a judgment call.

On the contrary, temperature limit requirements for applying finishing materials are not flexible nor open to interpretation. Given that joint treatment is a water-based material, a strict requirement to fully avoid freezing temperatures is reasonable.

*ASTM C840, Application and Finishing of Gypsum Board* mandates that “room temperature shall be maintained at not less than 50 F (10 C) for 48 hours before application and continuously thereafter until completely dry.” Wall and Ceiling Conference document *WCC 3.005, Application of Gypsum Panel Products*, references the ASTM C840 language and takes it one step further by requiring that the defined temperature be maintained “until the permanent heating system is operational, or the space is occupied.”

Taken individually, or in tandem, the two documents each identify the need to keep the temperature up in an area where joint treatment materials are being applied.

## It Ain't the Heat, It's the Humidity

While ASTM C840 identifies a specific temperature threshold, it doesn't address the critical impact relative humidity (RH) can have on the drying time of joint treatment. Joint treatment materials dry slower when RH is high, temperature is low, or both, and dry faster under opposite conditions.

What does the successful contractor do? First, they monitor and document both the temperature and the RH on a job site at specific intervals during the workday. This can be

accomplished using simple, hand-held monitors or by obtaining localized, verified data from a legitimate weather source such as [www.weather.gov](http://www.weather.gov).

Second, they obtain copies of a joint treatment drying table from a manufacturer or a reliable source such as the Gypsum Association (GA document *GA-236, Joint Treatment Under Extreme Weather Conditions*) and keep them close at hand. The universal tables in the document clearly identify the need to respect temperature and RH conditions when applying joint treatment.

High heat and extremely low RH conditions also can impact the drying of joint treatment products, possibly causing issues such as tape edge cracking. As a result, ASTM C840 also contains upper limit temperature information for temporary heat sources used to dry work areas. While the document does not address extreme heat conditions resulting from hot weather, it makes sense to be cautious when temperatures climb and humidity drops in a work area.

## Prime, Prime, Prime

It almost seems odd to look back and realize that the first edition of *GA-214, Recommended Levels of Finish for Gypsum Board, Glass Mat and Fiber-Reinforced Gypsum Panels* (originally just *Gypsum Board*) was released almost 30 years ago. I can recall the near riot that ensued when it first appeared, largely because of document language that specifically required some of the levels to be coated with prime coats of paint.



After a few years, however, many of the bid day “who owns the work” issues involving the primers were sorted out and contractors began to realize the benefits that a properly applied coat of priming material could bring to the final appearance of a surface.

But while incorporating good priming into a drywall finish makes sense, it's not the only area where primers serve to improve surface appearance; another often-overlooked primer application is when it's used as a base coat for an application of spray-applied texture.

Spray-applied texture seems to be back in vogue a bit after its use ebbed for a few years. Whether a contractor is applying it for the first time or getting back into the business, it makes sense to adequately prepare the surface to which the texture will be applied. This often involves applying a primer before the texture.

ASTM C840 doesn't say much about the need for a pre-texture primer, but Appendix Sections A-3

and A-4 of GA-216-18, *Application and Finishing of Gypsum Panel Products*, both contain specific text that mandates the application of a primer coat before applying texture to either a horizontal or vertical gypsum panel surface. In addition, manufacturer's literature usually specifies the need for a pre-texture primer, particularly so when the texture is applied to a concrete surface.

While the primer coat is usually a paint-like material, I've seen concrete primed for texture with a spray-applied setting compound that sets in hours, not minutes. Regardless of the material used, it is important that primer is applied before the texture operation so that it mitigates some of the irregularities in the base surface. Remember, in some instances, you can apply only two coats of joint treatment to the joints in a gypsum panel surface and still comply with the requirements of ASTM C840 (and GA-214 or GA-216). Therefore, the surface you are texturing may be a bit rough.

Furthermore, if the texture is being applied to a gypsum panel ceiling, make sure it was



constructed correctly before beginning to apply texture. Language in GA-216 and ASTM C840, intended to address panel sag issues, discusses panel application orientation, the spacing of framing members, and the types of panels used with a textured gypsum panel ceiling.

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Due to the COVID-19 virus, our events are canceled until further notice. We hope to have this event in the Fall; we will continue to monitor the situation and determine the next appropriate steps based on the safety of our community.

# CONSTRUCTION EXCELLENCE AWARDS 2020

## STAY TUNED

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CEA honors contractors that have performed exceptional wall and ceiling craftsmanship in Northern California. The ceremony showcases individuals and companies who contributed to the framework of the winning projects.



# Celebrating 30 Years in Business

by Don Freas, CEO



Freas Plastering has been in business for 30 years. I began my plastering vocation in 1969, serving a four-year union plastering apprenticeship in San Francisco. Through my father, Dick Freas, I joined Plasterers Local 66 right out of high school. For about 20 years I worked primarily in downtown San Francisco for several major union plastering and drywall contractors before I began my company.

I thought about having my own plastering business in the mid-1980s, which became a reality in 1990. Fast-forward three decades, and we now have approximately 80 employees consisting of lathers, plasterers and hod carriers who cover the range of the San Francisco Bay Area.

Our exclusive focus on lath, plaster and fireproofing gives us a great opportunity to keep up with the latest related products, from

application methods to maintaining expertise in the latest equipment available. Some general contractors only like to combine their plastering and fireproofing under a drywall package. We cater to the general contractors that do not package the lath, plaster and fireproofing with the drywall, which narrows our competition. We are well equipped with more than 20 well-maintained plastering and fireproofing pumps that can be applied to any product in the market.

Our signature plaster project over the last several years has been The Veranda in Concord, California. The Veranda, a 375,000-square foot mixed-use plaza, is the East Bay's newest destination for next-generation shopping, dining and entertainment. We did some of our best work to date on this project, which is located right in our neighborhood. The project scope consisted of 270,000 square feet of lath, plaster and Baystone. The property includes high-quality design elements and finishes, creating a contemporary shopping



experience that includes high-end restaurants, retail and other attractive attributes. Its lush landscaping, water features and outstanding amenities make The Veranda the top location where people can relax, shop, eat, play and attend a variety of special events. We're proud to have been part of constructing this venue. It has transformed our local East Bay community.

We currently have over 60 active projects. The three most significant plaster and fireproofing projects for Freas Plastering in 2020 are:

#### Restoration Hardware in Corte Madera

Restoration Hardware is located in Corte Madera Village. The Village is expanding with a retail store of approximately 42,000 square feet of gross floor area, proposed as a Restoration Hardware design gallery and restaurant. We are installing Parex WaterMaster HE Stucco assemblies with Krak-Shield.

#### The Morgan at Bay Meadows

The Morgan at Bay Meadows is an 82-unit collection of expansive two- and three-bedroom rental residences located in San Mateo. Nestled between Paddock Park and Landing Green Park, and overlooking a private courtyard, the building celebrates green outlooks with private outdoor spaces and large picturesque windows. Amenities include a fitness studio, resident lounge, library, catering kitchen and outdoor entertaining areas. Construction completion is anticipated in late fall 2020. The proposed lath and plaster system will consist of installed HydroTex that is a two-ply drainable weather-resistive barrier (WRB), followed by a TwinTrac that is a self-furring lath system called Structa Lath,

accompanied by galvanized flashing corners. Once the lath has been installed, there will be a scratch and brown coat by BMI 690 in double backer application. The finish coat will be a BMI stucco sand float finish.

#### The Oak Grove North & South Senior Housing in Oakland

The Oak Grove North & South Senior Housing has 60,000 square feet of double 60 min. paper followed by plaster trims and Structa Lath self-furring lath. Over the lath we will add BMI 690 base coats followed by a BMI finish.

Our annual sales have grown constantly, while over these last four years we've enjoyed exceptional production. Our hope is to have more banner years to come. I believe that our real strength lies in the quality of people who are and have been part of Freas Plastering. Our vision is to be able to continue to grow together in excellence with Freas Plastering as we move forward into this decade. We do appreciate the networking, resources, representation, and support that WACA brings to the table for our business.

I believe our greatest achievement is Freas Plastering itself as a business. It was started in my backyard so long ago and expanded for 30 years. As we learned from overcoming struggles and growing pains in the beginning, to our son as a former CEO surviving a deadly form of brain cancer, to surviving a recession and now the coronavirus (COVID-19) challenges, we've made it in this industry as a resilient, successful and established company today.

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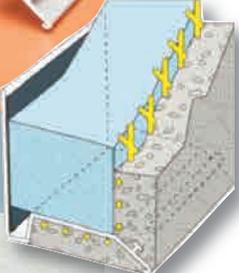
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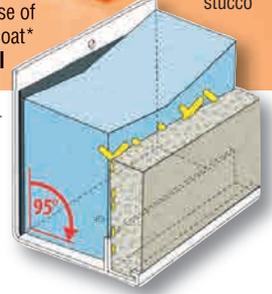
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# 2020 CALENDAR OF EVENTS

\* WACA events in red

\*\* Due to the coronavirus (COVID-19) pandemic, some event dates may have been changed or canceled. Check with each organization to confirm event.

**JUNE 3-5**

**AEC BuildTech Conference & Expo**  
Chicago, Illinois

**MOVING TO FALL – TBD**  
**Construction Excellence Awards Show**  
San Jose, California

**JUNE 23-25**  
**SAFETY 2020**  
Orlando, Florida

**JUNE 27-30**  
**BOMA International Conference & Expo**  
Orlando, Florida

**JULY 16-19**  
**FWCCA Annual Convention & Trade Show**  
Boca Raton, Florida

**AUGUST 4-5**

**ENR's 55th Award of Excellence Gala**  
New York, New York

**AUGUST 12**  
**NAWIC Annual Conference**  
Houston, Texas

**SEPTEMBER 15-17**  
**GlassBuild America Expo**  
Las Vegas, Nevada

**SEPTEMBER 18 – TBD**  
**WACA Golf Tournament**  
Livermore, California

**SEPTEMBER 19**  
**A Chance in Life | Ball of the Year**  
San Francisco, California

**OCTOBER 11-13**  
**CMAA National Conference & Trade Show**  
San Francisco, California

**OCTOBER 11-14**

**International Code Council 2020**  
St. Louis, Missouri

**OCTOBER 14-16**  
**ENR FutureTech**  
San Francisco, California

**OCTOBER 18-21**  
**IRMI Construction Risk Conference**  
Washington, D.C.

**OCTOBER 26-28**  
**Groundbreak 2020 by Powercore**  
New Orleans, Louisiana

**OCTOBER 28**  
**Design-Build Conference & Expo**  
D.C. Metro Area, Washington, D.C.

**For More Event Information, Visit WACA's Calendar of Events at:**

[web.wallandceilingalliance.org/events](http://web.wallandceilingalliance.org/events)

## 2020 ADVERTISING OPPORTUNITIES IN *THE QUARTERLY*

With *The Quarterly*, wall and ceiling contractors throughout Northern California have a valuable resource for the news and information they need to know — straight from the association that's looking out for its members' best interests.

If your company serves these contractors, there's no better ad space opportunity for you than *The Quarterly*! Be sure to ask about members-only rates. Get noticed — advertise with WACA today!

**Ad space opportunities are available in the following sizes:**

Back cover	1/2 page horizontal	1/3 page block	1/6 page vertical
Full page (with bleed)	1/2 page vertical	1/4 page block	1/9 page vertical

**TO LEARN MORE ABOUT AD SPACE OPPORTUNITIES IN FUTURE ISSUES OF *THE QUARTERLY*, PLEASE CONTACT:**

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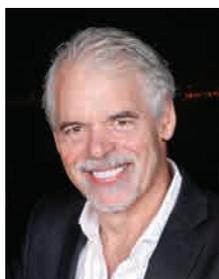
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# THE NO. 1 ATTRIBUTE OF HIGH PERFORMING TEAMS



by Mark Breslin

## Psychological Safety: A Foundation for Teamwork

Ask people you work with what they are afraid of. You might hear answers like heights, snakes, public speaking, failure or the dark. The most dishonest will tell you they are not afraid of

anything. The truth is that the deepest fears, and ones that impact us most, are ones we would find it hard to reveal or describe.

This reluctance to be honest with ourselves or others plays a big role in our security and happiness in life — and at work. And *the tendency of most leaders to ignore these fears in the workplace has a significant impact*. Now some very compelling research backs it up. It turns out that for teams to best work cooperatively, collaboratively and creatively, there is *one attribute above all others that contributes to success*. This attribute is *psychological safety*.

Thus, with that word, safety, we address a set of fears that not only limits teams, but limits individuals in their personal growth and evolution. What would be these fears that can only be soothed by psychological safety? How about these.

- Fear of being vulnerable.
- Fear of being rejected.
- Fear of being judged. And listening to the whispers of insecurity many of us hide with great skill.
- Fear of failure, and thus of risk. Of taking that hit to our self-image and esteem.

Minimizing this fear impact truly has extraordinary power, and the reasons behind it are important for leaders to account for. Safety for and with one another builds bonds that enable people to stretch, risk, trust and open up. They also allow people to be authentic and bring their best selves to both others and the workplace. For learning, coaching, mentoring and motivating, this is essential.

In many, if not most, workplaces this safety does not exist because it is not valued as it should be. What takes its place are politics, gossip, negativity and conflict, which are direct results of

people acting out of their own insecurities and fear-based emotions. Many leaders accept this because that is what they are most accustomed to. *But those with courage and vision will put in the work to create safety and mutual commitment that combine to create one driving force pushing the team forward*. That force is contained in the words of those team members to one another, and they might sound like this.

- I accept you and don't judge you.
- If you bring your best, and meet the team standards, you don't have to prove anything to me.
- We share in success and failures together.
- We are not negative or destructive with one another, no matter if we like each other or not.
- Everyone owns what they do or say.
- Honesty is our default at all times.
- I've got your back.

For leaders it can be a challenge to prioritize psychological safety. It doesn't seem to pay the bills. People will test the limits. And truthfully, there are a lot of people who don't have the security and internal maturity to act like adults. But none of that matters. The leader sets expectations. The leader



sets limits. The leader sets the tone. The leader sets consequences. For me as a CEO, it happens in an employee's first staff meeting. And it is in front of everyone on the team. I lay out what constitutes the safe zone at work. I tell them that if anyone gossips, heckles or character assassins anyone on our team, they are fired that day. And don't test me because I have done it.

And those who test it express their guilty outrage. They say, you can't fire me. I say, I told you upfront, now pack your things in this box and be out of here by noon. I am HR's nightmare. I am the team's protector.

My zero-tolerance approach is certainly not for everyone. But that is how seriously I take psychological safety and team acceptance. I don't hope people are coming as their best selves. I encourage it, support it and, in truth, I demand

**The leader sets expectations.  
The leader sets limits. The  
leader sets the tone.**

it. People cannot do their best work operating out of fear. And what I find is that when an individual feels this and embraces it, they bring a level of commitment and productivity that you cannot pay for. Performance rises, retention increases, risk tolerance expands, and positive group norms get set in stone.

**Here are three ways to lead your team through a workplace foundation of psychological safety:**

- (1) **Own your own emotions, behavior and insecurities.** A leader that shows authenticity, vulnerability, and empathy gets loyalty and buy-in in return. You don't have to be the hard-ass 24/7. Some people think it might look weak — and that is mostly insecurity talking in your head. Being your best self, no matter what others think, is real strength.
- (2) **Communicate your expectations.** Recognize and praise openness and team risk taking. Treat failure as a team learning experience. And give people the time, coaching and resources to grow and change. Internal change, especially when it comes to going beyond fear, can take time and courage.

- (3) **Do not compromise, rationalize or ignore any destructive behaviors of your team.** Not because they make you money. Not because they've always been there. Not because you are afraid to directly confront it and solve it. When you let it go, you let down your team and yourself.

Who knew that psychological safety could make such a difference at work? But really, isn't it obvious? What makes a healthy person, a healthy family or a healthy child? What helps them grow and thrive as they should? Yeah, same thing — psychological safety. It's worth the time, effort and commitment.

*Mark Breslin is an author, speaker, CEO and influencer inspiring change for workplace success across all levels of business. Mark has improved leadership, accountability, innovation and engagement for organizations and individuals. He has spoken to more than 400,000 people and sold hundreds of thousands of books on leadership and workplace culture. His new micro-learning video series, The Professional Construction Leader, is revolutionizing construction foreman training as well as field operations, performance and profitability. For more information on Mark, go to [www.breslin.biz](http://www.breslin.biz).*

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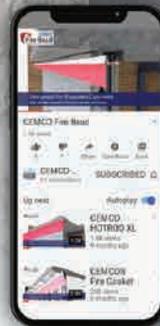
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by Chris Lee

# Safety Resources and Key Updates

Following are several resources to assist in complying with Cal/OSHA regulations, several quick updates on developing issues, and the most frequently cited regulations in the construction industry.

## Resources for Construction Employers

- Federal OSHA eTools for construction employers — this address has useful information on a range of hazards including electrical, falls, and struck by. For more information visit [www.osha.gov/SLTC/etools/construction/index.html](http://www.osha.gov/SLTC/etools/construction/index.html).
- Cal/OSHA Consultation eTools — Cal/OSHA has numerous resources available at [www.dir.ca.gov/dosh/etools/etools.htm](http://www.dir.ca.gov/dosh/etools/etools.htm).
- Cal/OSHA Safety and Health Training and Instruction Requirements — this resource provides detailed information on training requirements in Cal/OSHA regulations at [www.dir.ca.gov/dosh/dosh\\_publications/trainingreq.htm](http://www.dir.ca.gov/dosh/dosh_publications/trainingreq.htm).
- Effective Workplace Training — this e-tool provides information on the means/methods for providing effective training to workers. Visit [www.dir.ca.gov/dosh/etools/09-002/index.htm](http://www.dir.ca.gov/dosh/etools/09-002/index.htm).

## Quick Cal/OSHA Regulatory Updates

### Valley Fever (VF)

This disease (*coccidioidomycosis*) is caused by a microscopic fungus that lives in the top 2 to 12 inches of soil in many parts of the state of California. When soil is disturbed by digging, driving or high winds, fungal spores can become airborne and may be inhaled by workers who are not protected. Symptoms are similar to the flu and include fever, tiredness, cough, chest pain, muscle or joint aches, headaches, weight loss and rash. Severe cases can cause serious lung problems. Although VF can be found in many parts of the state, the counties of Fresno, Kern, King, Madera, Merced, San Luis Obispo and Tulare have been specifically identified in Assembly Bill No. 203. That bill requires that employers who may have employees exposed to VF provide awareness training by May 1, 2020. For additional information, click on Cal/OSHA's Valley Fever informational page at [www.dir.ca.gov/dosh/valley-fever-home.html](http://www.dir.ca.gov/dosh/valley-fever-home.html).

### Wildfire Smoke

The Cal/OSHA Standards Board readopted the emergency regulation protecting outdoor workers from wildfire smoke for another 90 days. Additional deliberations and stakeholder consultations will take place in the interim period of time — Cal/OSHA essentially has until mid-summer 2020 to adopt a permanent regulation. Details can be reviewed at [www.dir.ca.gov/dosh/worker-health-and-safety-in-wildfire-regions.html](http://www.dir.ca.gov/dosh/worker-health-and-safety-in-wildfire-regions.html).

### Occupational Exposure to Lead in Construction

Six advisory committee meetings have been held in recent years to consider a proposal to update the lead standards for both construction and general industry. This proposal would substantially lower the (airborne) permissible exposure limit and the blood lead levels at which employers must take specific actions to protect employees. The California Labor Code now requires (following the enactment of legislation) Cal/OSHA to submit the lead proposal to the Cal/OSHA Standards Board to vote on a proposal before September 30, 2020. Advisory committee discussion drafts, supporting documentation and meeting minutes can be accessed at [www.dir.ca.gov/dosh/doshreg/5198meetings.htm](http://www.dir.ca.gov/dosh/doshreg/5198meetings.htm).

### Marijuana (Recreational and Medicinal)

Cal/OSHA will hold future advisory committee meetings to consider a proposal to change Cal/OSHA's regulation 5146, Prohibition of Smoking in the Workplace, to address smoking of nontobacco products.



In a related matter, Hound Labs (Oakland) will be introducing a marijuana breathalyzer much like police use to detect alcohol.

*Mobile Elevating Work Platforms (MEWP)*

The American National Standards Institute revised its A92 suite of standards for Mobile Elevating Work Platforms, and federal OSHA promulgated an April 2017 Federal Final Rule on walking/working surfaces that proposes to adopt some, but not all of the package. Draft regulatory language pertains to the design, construction and operation of MEWPs. This rulemaking effort will be the subject of a Cal/OSHA advisory committee in 2020. The draft Cal/OSHA package is an internal working document at this time and not yet available to the public.

**Cal/OSHA's Most Frequently Cited Standards in Construction Inspections**

Over the past four years, Cal/OSHA has cited the following regulations more frequently than other regulations. Construction employers are encouraged to look at their own safety programs to ensure compliance with the noted regulation. A link to the applicable regulation is provided so employers can review the actual regulation.

- Heat Illness Prevention ([www.dir.ca.gov/title8/3395.html](http://www.dir.ca.gov/title8/3395.html))
- Injury and Illness Prevention Program ([www.dir.ca.gov/title8/1509.html](http://www.dir.ca.gov/title8/1509.html))

**Construction employers are encouraged to look at their own safety programs to ensure compliance with the noted regulation. A link to the applicable regulation is provided so employers can review the actual regulation.**

- Code of Safe Practices ([www.dir.ca.gov/title8/sub4\\_a.html](http://www.dir.ca.gov/title8/sub4_a.html))
- Emergency Medical Services (having an appropriately trained person on-site to render medical aid): [www.dir.ca.gov/title8/1512.html](http://www.dir.ca.gov/title8/1512.html)
- Reporting to Cal/OSHA any serious injury, illness or fatality (notification within eight hours is required) ([www.dir.ca.gov/title8/342.html](http://www.dir.ca.gov/title8/342.html)). In the majority of cases where this regulation is cited, the mandatory minimum penalty is \$5,000.

For these most frequently cited standards, Cal/OSHA issued a total of 6,252 violations, with proposed penalties of \$6,236,932.



## BEAR SCAFFOLD

**Scaffolding / Shoring / Stair Towers**

**Rolling Towers / Debris Chutes**

**Pedestrian Walkways**

**Netting/Shrink Wrap**

## BEAR INSULATION

**Thermal & Acoustical Insulation**

**K13 Spray Insulation**

**Blown-in Insulation / Head of Wall**

**Firestopping / Slab Edge**

# STAY IN THE KNOW

## ► In Memoriam

Clifton Edgar Davidson Jr. of Davidson Plastering, Inc. passed away on January 9, 2020. Clif was born on September 18, 1925, and later attended Castlemont High School in Oakland. At age 18 he enlisted in the U.S. Army. Clif was part of General Patton's 3rd Army where he received two Purple Hearts and was engaged in the Battle of the Bulge. He was known to remark to his family and friends, "I am a World War II guy who should have been dead four times." Clif maintained a successful construction and plastering business for 65 years, doing major projects all over the Bay Area. He adored his wife, Lu, referring to her as his bride, and was extremely proud of his children, grandchildren and great-grandchildren. A committed Christian, he was a leader, choir member, deacon and organizer, freely committing his time to others. Clif lived and died in the house he built for his family in 1957. A memorial service was held on Saturday, February 8, at Cornerstone Fellowship Church in San Lorenzo, California. Clif is survived by his wife, Lu, after 72 years of marriage; his four children, Clifton Davidson III, Deborah Woychik, Lynn Daugherty and Ronald Davidson; his 12 grandchildren; and 27 great-grandchildren.

A patriot, Clif was known for his friendliness to everyone he met, often striking up conversations with people he didn't know. Clif will be remembered for his easy-going, optimistic and generous nature, and his enthusiastic manner, exuberant greetings and joyful, positive spirit. Our condolences to the family, friends and colleagues of Clif Davidson Jr.

## ► Fortifiber Building Systems Group Now Henry Company

Associate member Fortifiber Building Systems Group has been purchased by and incorporated into Henry Company. The main contact will remain Randall Niemann, territory manager, Residential and Light Commercial Division. For more information, visit the Henry Company website at [www.henry.com](http://www.henry.com) or contact Randall at [rniemann@henry.com](mailto:rniemann@henry.com) and (209) 985-0628.

## ► Now Sweeney Mason LLP

Legal counsel and associate member Sweeney, Mason, Wilson & Bosomworth has renamed its organization to reflect their current partnership. Sweeney Mason LLP is a full-service law firm that has represented

Bay Area businesses and individuals since 1990. Sweeney Mason represents clients in several primary areas of the law, including civil litigation, construction, corporate and business, intellectual property, labor and employment, estate planning, trusts and probate, and real estate law. For more information, contact Roger Mason, Esquire, founding partner, at [rmason@smwb.com](mailto:rmason@smwb.com) and (408) 356-3000.

## ► WACA Contractors Earn AWCI Excellence Awards

Congratulations to our local contractors Brady Company/Central California, Inc. and California Drywall Co. for receiving AWCI's Excellence Awards! Brady Company/Central California, Inc. earned the Excellence in Construction Safety Award 2020 in the category of Fewer Than 250,000 Annual Hours Worked. California Drywall Co. earned the Excellence in Construction Quality Award 2020 in the category of Stucco for the Cal Poly Residential Community, San Luis Obispo. For a list of winners, visit [www.awci.org/awci/awards](http://www.awci.org/awci/awards).

# COVID-19 Resource Page

[www.wallandceilingalliance.org](http://www.wallandceilingalliance.org)

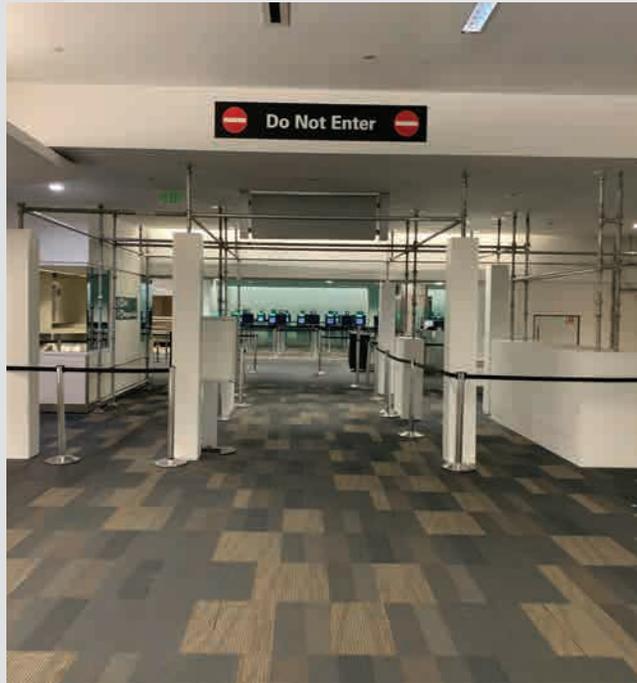
## Information to Help Your Organization

With the unprecedented steps taken with the COVID-19 pandemic, we are seeing mandates and guidelines change frequently. We have created a COVID-19 resource webpage to use as a reference site to help navigate important information for your organization and employee safety. We will be posting information periodically.

WACA is available during our normal business hours. If you have questions, please feel free to email staff or call us at (925) 600-0475.



***OUR MISSION** is to build a team dedicated to providing exceptional customer relations, restore quality service and values to the scaffold industry, empower our employees to set and achieve goals to better themselves and the industry, and to provide a personal and professional approach in constructing exceptional quality projects.*



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# Ficcamenti Waggoner and Castle Structural Engineers (FWC)

Ficcamenti Waggoner and Castle Structural Engineers (FWC) was established in 1991 by our founding principals Seb Ficcamenti and Michael Waggoner. Within a few years of inception, we added our third principal, Tom Castle, and moved our office from Newport Beach to Irvine, California. FWC has provided structural engineering services to a diverse group of clients for almost 30 years.

As the years went by, other principals were added to the firm along with new staff members. The increase of projects in Northern California created an opportunity for FWC to open an office in the region. In 2003 Tom Castle decided to make Northern California his home and open an office in the area with just a few people in Walnut Creek. Today, our NorCal location has grown to 18 employees and moved to the city of Concord.

Our corporate office is still in Irvine, California, where we have more than 55 employees, with our third office now located in Las Vegas, Nevada. We currently have more than 75 employees throughout our three locations, with plans to grow.

Our firm provides a full range of structural engineering services including the design of new structures, as well as the evaluation and renovation of existing ones. FWC has been the structural consultant for hundreds of projects throughout California, particularly in the design-build delivery method. As part of the design-build team, we develop building structural systems as a collaborative team effort. We want to maximize delivery on client needs and minimize construction duration and cost. FWC specifies structural systems with high strength and reliability.

Over the years, FWC has developed a reputation for providing specialty design services for a wide range of construction projects. Our engineers utilize state-of-the-art finite element software, and our design and graphics departments utilize the latest drafting and 3D modeling packages, such as Building Information Modeling (BIM), REVIT, AUTOCAD 3D and NAVISWORKS, to develop quality designs, reports and construction documents.

FWC not only understands the fundamentals of construction but also the practicality of it. We work with our partners to detail structures to be efficient, constructible and durable. FWC is solutions-driven, and we specialize in thinking outside the box. We value close communication with our construction team. FWC believes in being accessible to our contractors, especially during the construction phase. Whether we are on-site physically or virtually, we provide solutions for challenges in the field. Our qualifications and extensive experience enable us to back our creative design solutions with

fundamental engineering principles. Our reputation has expanded to include being particularly adept at specialty design services for nontypical construction projects.

FWC is proud to be working with an amazing group of contractors on a wide spectrum of projects of all sizes. We have good relationships



Photo 1: KQED building, San Francisco



Photo 2: Miro building, San Jose

with our clients and can create great projects with our partnerships. Some projects we are working on include:

- FWC is currently working with Anning-Johnson Company on BDE Architects' brand-new five-level, 124-unit residential building at Yerba Buena Island. The framing system we are designing is load-bearing cold-formed steel that begins from the concrete podium up.
- Another project is 24th and Harrison, a brand-new premier mixed-use development in Oakland that consists of eight levels and approximately 60,000 square feet of retail, with 405 premium apartments. FWC worked with Nevell Group, Inc. and successfully designed the interior and exterior cold-formed steel framing for this project.
- We are collaborating with Magnum Drywall on the Charleston East Google building. This campus is located near the Googleplex, Google's headquarters in Mountain View. The two-story building has more than 900,000 square feet and features bold architectural elements. FWC designed the interior cold-formed steel framing for this campus.
- El Gabilan Library, in the city of Salinas, is a new building that was completed in 18 months. Brady Company/Central California, Inc. asked FWC to join the team and design the exterior cold-formed steel framing as well as interior soffits.

- China Mobile is a brand-new data center and office building in San Jose, California. The new data center building is two levels and over 200,000 square feet. FWC designed the exterior cold-formed steel framing of the data center for our client Component West.
- Daley's Drywall is a long-standing client of ours, and together we have successfully completed multiple projects. The KQED building in San Francisco is one of them (Photo 1). FWC designed the exterior envelope, the interior framing for levels 2 and 3, and the office POD clusters. Another project we worked on with Daley's Drywall is the Miro building (Photo 2), formerly known as SJSC Towers, in San Jose. FWC provided structural engineering services for the interior and exterior cold-formed steel framing of both towers, as well as the metal panel façades and storefront glazing support.

FWC is grateful for the long-term relationships with our clients. Most of our clients have been with us since the beginning; we value this loyalty tremendously. These professional relationships are aided by WACA's social events, which give us a chance to meet with our industry colleagues in a casual and fun environment to build deeper connections. Working as a team to complete design-build projects is what we strive for, and being able to call our clients friends is our reward.

**TO BE DETERMINED ...**

# WACA Golf Tournament

**Friday, September 18**

Poppy Ridge Golf Course • 4280 Greenville Road, Livermore, CA 94550

## TOURNAMENT SCHEDULE

Registration & Breakfast	9:30 a.m.
Shotgun Start	11:30 a.m.
Cocktails	5:00 p.m.
Dinner & Raffle Prizes	5:30 p.m.



**Due to the COVID-19 virus and SIP order, this event is subject to cancellation. More information on the tournament will be available in the summer.**

# Welcome NEW MEMBERS

## CONTRACTORS



- » Miller Paneling Specialties (Miller) supplies and installs a wide range of wall and ceiling protection options, such as FRP, wall protection, stainless steel, clean room and containment, hygienic wall panels, and decorative wall systems. Miller's products are suitable to meet client needs for both highly practical solutions and aesthetic selections. The company has over 35 years' experience completing wall and ceiling protection projects in many industries. Projects are taken on nationwide across the United States with offices in nine locations: Northern and Southern California, Nevada, Texas, Florida, Virginia, New York, Connecticut and Massachusetts. For more information, contact David Miller at [dmiller@millerpaneling.com](mailto:dmiller@millerpaneling.com) and (530) 662-0860.



- » Mirage Builders, Inc. (Mirage) is devoted to excellence in metal stud framing, drywall systems, plaster, and themed construction. Mirage is headquartered in Anaheim, California with a staff of approximately 350. Their team has experience in all phases of design, construction and operations, with a diverse portfolio of projects from Fresno to Irvine in California and extending to Nevada as well. The company actively seeks to aid the client in the production, cost and overall schedule of the project. Mirage specializes in complex, time-sensitive projects, while continually adapting and managing the job without sacrificing the intended architectural vision. For more information, contact Shawn Martin at [shawn@miragebuilders.com](mailto:shawn@miragebuilders.com) and (702) 330-0550.

## ASSOCIATES



- » Atlas Roofing Corporation (Atlas) is an innovative, customer-oriented manufacturer of commercial and residential building materials, particularly polyiso insulation. Their products are manufactured in state-of-the-art facilities and shipped worldwide from their network of plants and distribution facilities in the United States and Canada. Atlas has more than 30 years' experience manufacturing polyiso and has eight top-of-the-line manufacturing facilities that produce millions of board feet each year; rigid foam insulation is used in over 70 percent of commercial roof construction as well as residential construction. The U.S. EPA has recognized polyiso for

its minimal environmental impact, highlighting Atlas as a leader in promoting energy efficiency, conservation and environmental stewardship. Each Atlas plant manufactures the insulation with blowing agent technology that is both zero ozone depleting and has zero global warming potential. For more information, contact Richard Stamsek at [rstamsek@atlasroofing.com](mailto:rstamsek@atlasroofing.com) and (714) 345-3968.



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- » BASF's Senergy Wall Systems is a leading manufacturer of EIFS, stucco, air and water-resistive barriers and specialty finishes for the construction industry in the U.S. and Canada. They are headquartered in Shakopee, Minnesota. For more than 40 years, Senergy has provided code-compliant wall systems and building materials with their team of engineers, scientists and technical and application specialists. Founded in 1979 by the pioneers who introduced the innovative exterior insulation and finish systems (EIFS) technology to North America, the Senergy brand and those who represent it have played a key role in the growth of the EIFS industry. In 2006, the brand became part of the BASF Wall Systems group, with approximately 6,500 employees worldwide (BASF Construction Chemicals). They were among the founders of the EIFS Industry Members Association (EIMA) and are Lifetime Members of the Association of the Wall and Ceiling Industry (AWCI). Their commitment to service excellence through the years has been recognized by several local and national groups, including AWCI as its "Supplier of the Year." For more information, contact Evan Owens at [evan.owens@mbcc-group.com](mailto:evan.owens@mbcc-group.com) and (925) 237-9712.

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## THE VOICE OF THE WALL AND CEILING INDUSTRY

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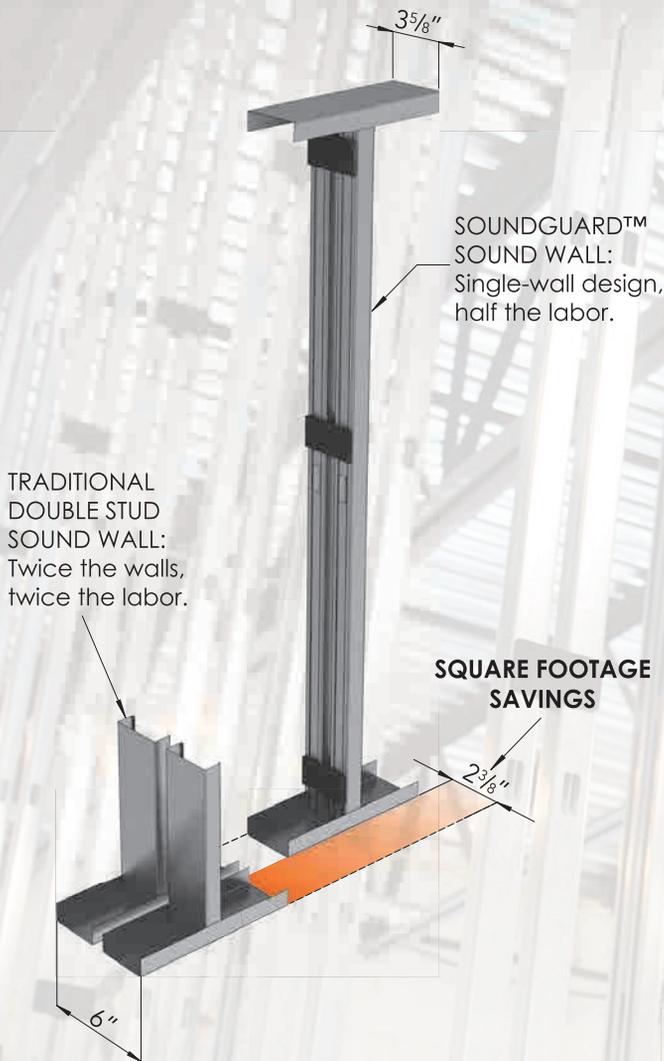
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DuPont Tyvek  
Ficcadenti Waggoner & Castle  
Structural Engineers, Inc.  
FireWise Consultants  
Fortifiber Building Systems Group –  
Henry Company  
Foundation Building Materials  
Fry Reglet  
GC Products, Inc.  
Georgia-Pacific Gypsum  
Grabber Construction Products  
Heritage Bank of Commerce  
Hilti  
HSG Safety Supplies, Inc.  
InterWest Insurance Services, LLC  
ISU Sander, Jacobs,  
Cassayne Insurance Services  
J&B Materials  
L&W Supply dba CalPly  
Leonidou & Rosin Professional Corporation  
Littler Mendelson  
Lucintel  
Luther Burbank Savings  
Merlex Stucco, Inc.  
Olmars Supply  
Omega Products  
PABCO Gypsum  
Parex USA Incorporated  
Peninsula Building Materials Co.  
Pentarisk Insurance Services  
Plexxis Software  
Promotional Edge  
QuietRock  
QUIKRETE  
Radius Track Corporation  
REW Materials  
Rivers Del Rey  
SCAFCO Steel Stud Company  
Scaffold Solutions Inc.  
Senergy Wall Systems  
Signature Print & Promo  
Simpson Strong-Tie  
Specified Technologies Inc. (STI) dba Firestop  
Starr's Building Supply  
Sto Corp.  
Stockton Products  
Structa Wire Corp.  
StructionSite, Inc.  
Summit Financial Group, LLC  
Sweeney Mason LLP  
The Pendelton Co., Inc.  
United States Gypsum  
VaproShield  
Vinyl Corp.  
Westpac Materials  
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