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TABLE OF CONTENTS

FEATURES

12 Announcing Construction Excellence Award Winners

22 Spring 2020 Scholarship Winners

EXTRAS

WACA Golf Tournament Cancellation ................................................................. 9
Union Carpenters Are Well Equipped for a Rapidly Changing Industry ........... 24
New Online Learning Webpage ........................................................................... 27
Welcome New Members ..................................................................................... 28

DEPARTMENTS

Message from the Director of Marketing and Communications .......... 5
WACA Board of Directors .................................................................................... 5
Legislative Report ................................................................................................. 6
The Technical Corner ............................................................................................ 8
Calendar of Events ............................................................................................... 27

ADVERTISERS

Bear Scaffold ........................................................................................................... 29
www.bearscaffold.com
CEMCO ............................................................................................................. 11
www.cemcosteel.com
ClarkDietrich ........................................................................................................ 3
www.clarkdietrich.com
CWallA ............................................................................................................... 2, 32
www.cwalla.com
Demand Products Inc. .......................................................................................... 28
www.demandproducts.com
Ficcadenti Waggoner & Castle Structural Engineers ......................................... 28
www.fwcse.com
Foundation Building Materials ........................................................................... 10
www.fbsales.com
Larsen Products Corp. .......................................................................................... 20
www.larsenproducts.com
LiUNA ................................................................................................................... 23
www.lecetsouthwest.org
Olmar Supply Inc. ................................................................................................ 21
www.olmarsupply.com
Plastic Components Inc. ....................................................................................... 29
www.plasticomponents.com
SCACFO Steel Stud Company ........................................................................... 25, 31
www.scafco.com
Scaffold Solutions Inc. ........................................................................................ 7
www.scaffoldsolutions.com
Stockton Products ................................................................................................ 26
www.stocktonproducts.com

EXTRAS

Bear Scaffold ........................................................................................................... 29
www.bearscaffold.com
CEMCO ............................................................................................................. 11
www.cemcosteel.com
ClarkDietrich ........................................................................................................ 3
www.clarkdietrich.com
CWallA ............................................................................................................... 2, 32
www.cwalla.com
Demand Products Inc. .......................................................................................... 28
www.demandproducts.com
Ficcadenti Waggoner & Castle Structural Engineers ......................................... 28
www.fwcse.com
Foundation Building Materials ........................................................................... 10
www.fbsales.com
Larsen Products Corp. .......................................................................................... 20
www.larsenproducts.com
LiUNA ................................................................................................................... 23
www.lecetsouthwest.org
Olmar Supply Inc. ................................................................................................ 21
www.olmarsupply.com
Plastic Components Inc. ....................................................................................... 29
www.plasticomponents.com
SCACFO Steel Stud Company ........................................................................... 25, 31
www.scafco.com
Scaffold Solutions Inc. ........................................................................................ 7
www.scaffoldsolutions.com
Stockton Products ................................................................................................ 26
www.stocktonproducts.com

On the cover:
Hermès San Francisco
Swinerton
CEA 2020 Project Winner: Retail Interior
Photographer: Copyright © Marco Zecchin/Image Center
Staying Ahead of the Virtual Curve

2020 marks WACA’s 10th anniversary as an association; you may have noticed the rebranded celebratory logo we have been using throughout our communications. We were excited to start the year celebrating this milestone. We planned for our events to be more elevated than usual and to carry out the anniversary celebration. But of course, the pandemic hit, and for our community’s safety, all in-person activities are canceled.

We are disappointed that we could not provide our members and partners with in-person gatherings, but what is most important is staying safe and healthy. Members’ participation and collaboration are essential to us; it is what makes our association thrive. With this new pandemic environment, we have adapted new methods for connecting and interacting with membership, the community, and our teams.

Society has gone virtual almost overnight. Here at WACA, we have been embracing new technologies and working toward an advanced and virtual environment for some time now. All our internal operating programs and software platforms that are used to manage the association and membership are cloud-based and can be accessed remotely from almost anywhere. Implementing and investing in remote technology has helped our association stay ahead of the virtual curve by operating and functioning at full capacity remotely while staying connected to membership.

The COVID-19 virus hit rapidly, and we all had our own set of challenges in adapting. I encourage finding new platforms, processes, and technology to help your organization operate more efficiently in a pandemic environment and beyond. Virtual is now permanent. Embracing technology has improved the way WACA conducts business and has enabled maintaining appropriate safety measures. Remote and virtual business models are the new standard.

WACA is exploring and creating new business models for learning and collaborating as we shift into a remote environment. We are implementing practical alternatives to in-person education. We created an online learning page listing remote classes to accommodate distance learning. If you visit our webpage’s new online learning page, you will see that we have partnered with organizations that offer online classes on a variety of industry-related subjects. In-house, we are hosting online workshops on informative topics that provide beneficial tools and resources. We teamed up with construction-based technology companies that have robust software platforms geared to the construction industry. We will be rolling out our members’ login portal section of the website, where members will be able to access and share industry documents and information exclusive to our community.

Our top priorities are to support membership and provide practical and useful resources. As your partner, we aim to deliver steady, informative, and promising guidance. If you have any questions about adopting a remote business model or sharing what your organization is doing to stay ahead of the virtual or technology curve, please contact me. I would love to hear what your organization is doing.

Stay safe and let’s exchange ideas soon.

MESSAGE FROM THE DIRECTOR OF MARKETING AND COMMUNICATIONS

Carmen Valencia-Castillo
Director of Marketing and Communications

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Tim Stiller
Nevell Group, Inc.
Responding as an Industry to COVID-19

by Eddie Bernacchi, Politico Group

As COVID-19 began to spread across the nation and our state, the uncertainty that it brought to our industry created many challenges. Contractors questioned if they would be allowed to continue to operate, should they continue to operate, how to keep workers safe and what the impact of the pandemic would be on their bottom line.

Concerns separate from the health effects of COVID-19 regarding Cal/OSHA violations, impacts to workers’ compensation rates and the ability to protect payment rights were material. We summarize this unease because we believe it is important that you know that through all the chaos, WACA leaned into address the issues.

At the state level, during the COVID-19 pandemic, our main priorities focused on the health and safety of workers, ensuring our industry can continue to deliver projects and protecting our contractors’ businesses. Our efforts have included:

- Securing from the Newsom administration, during the development of California’s shelter-in-place orders, state guidelines that defined construction services as an essential business.
- Pushing Cal/OSHA to develop and release construction industry-specific COVID-19 safety guidelines.
- Working with California’s Judicial Council to toll the statute of limitations for any civil action, which includes the enforcement of mechanics’ liens and stop notices, from April 6, 2020, until 90 days after the governor “lifts” the COVID-19 state of emergency.
- Pursuing regulatory protections from the Workers’ Compensation Insurance Rating Bureau of California and the California Department of Insurance that would exclude from a contractor’s experience modification rate any COVID-19 related incident.

“We know this pandemic has affected each contractor differently but one of the many benefits of being part of an association is that it gives contractors an amplified voice to advocate for the needs of the industry.”

We know this pandemic has affected each contractor differently but one of the many benefits of being part of an association is that it gives contractors an amplified voice to advocate for the needs of the industry. Dealing with COVID-19 has been a serious challenge and the effects of the pandemic will have a lasting impact on the way we do business. The silver lining is that our industry’s response highlights its ability to react quickly and thoughtfully to a crisis, demonstrating the positive impact of one unified voice for the betterment of the industry.

Should you need any of the policy documents referenced or any other COVID-19-related information, please contact the WACA office or visit the association’s dedicated COVID-19 webpage at www.wallandceilingalliance.org/covid-19-resources.html.
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.
The term “distance learning” has become a familiar phrase in the past few months, not only for school-aged kids but for businesses as well. We have all had to cancel business trips, seminars, meetings, and in some cases, drastically change our daily work environments. Video conferencing and telecommuting have taken the place of in-person meetings and handshakes.

By Mike Nonn, Technical Adviser

Even before we could begin to imagine this would be our new normal, the Wall and Ceiling Bureau (WCB) was preparing to bring our members new and exciting ways to “distance support.”

Our primary roles are to provide our members with technical support, whether it’s reviewing plans and specifications, providing details, actively participating in building code standards, or being on job sites to help mediate disputes. We are excited to announce new ways we are streamlining that support.

New Technical Archiving Website
We have long envisioned a platform where our members could access details, standards, industry documents, and code language directly related to the wall and ceiling industry with the click of a mouse. After strategizing and hard work, we have launched a new website called INTEXREF, short for Interior Exterior Technical Reference (www.intexref.org). This new website will be managed by the WCB team. The website includes an archive of standards, codes, technical details, and documents that can be used as a source of reference. Members will be able to log in to the website and search different subjects to find technical information. The INTEXREF website is accessible to the public, but only members will have access to the private login portion of the site by using a username and password. In the coming weeks, the Bureau will provide a username and password to each company member. As always, WCB looks forward to your feedback on ways to better support our members, when you have the time to explore the website — and feel free to let us know your thoughts.

Expanded Training Center
We are excited to announce we have expanded our technical office to offer classroom-style training. We did our homework and decided the best way to reach members and industry partners is to incorporate a video conferencing platform within the training classroom. The new classroom encompasses state-of-the-art Zoom capabilities to host technical seminars, educational workshops, demonstrations, presentations and meetings. Now we can stream trainings live from a remote location as well as record a class for future viewing. This experience ties directly into what has become the new normal of “distance learning.” We all have busy schedules; if we are hosting a presentation and your schedule does not allow you to attend in person, no need to worry. Take the class from your computer and have a front-row seat through our live video broadcast. If you have a scheduling conflict and cannot join an online course, we will be recording and archiving sessions to access past presentations at your convenience.

The new classroom is available for member use. It is a great venue for members to hold meetings or educational seminars. The room can seat up to 50 people with an unlimited number of guests to join remotely. We hope this state-of-the-art Zoom room will suit member needs.

by Mike Nonn, Technical Adviser
WALL AND CEILING ALLIANCE SCHOLARSHIP

APPLICATION DEADLINE: November 16, 2020

About the Scholarships

WACA is offering five (5) $5,000 Scholarships for tuition. The scholarships are designed to help further the undergraduate studies of students pursuing a Construction Management, Construction Engineering or Architecture degree.

Undergraduate Scholarship Eligibility

1. Enrolled as a full-time student at a 4-year university
2. Junior or senior level student, in process of earning degree
3. Enrolled in a Construction Management, Construction Engineering or Architecture degree program
4. Demonstrate financial need
5. Have a minimum GPA of 3.0 on a scale of 4.0

HOW TO APPLY: Complete Online Scholarship Application at www.wallandceilingalliance.org
Deadline: November 16, 2020
Questions? Email Julie Dunaway at julie@wallandceiling.org

Golf Tournament Cancellation

Due to the COVID-19 virus and possible future restrictions, this event has been canceled. WACA places the highest priority on member safety and the safety of the community. After extensive reviews of current COVID-19 statistics, mandated county policies and ongoing recommended practices, we feel it is necessary to cancel at this time.

Thank you for your understanding, continued support and engagement with the association. We look forward to hosting the Golf Tournament again in 2021.
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CEMCO FIRE BEAD is one of four NEW fire rated drywall accessories from CEMCO. FIRE BEAD is a composite fire rated wall mount deflection bead that provides 1- and 2-hour fire-ratings in lieu of fire sealant for both dynamic and static joints according to UL-2079 5th edition (for both standard walls and shaft walls) and sound tested in accordance with ASTM E90. FIRE BEAD is ideal for exposed concrete ceilings and walls, it installs easier and more quickly than fire sealant, saving time and labor costs.
ACA is proud to celebrate this year’s extraordinary contractors, suppliers, and manufacturers for their outstanding merit and achievement in construction. For the past several years, the Wall And Ceiling Alliance (WACA) has held its Construction Excellence Awards (CEA) honoring wall and ceiling contractors performing exceptional craftsmanship in their respective fields in Northern California. CEA recognizes companies and individuals that contribute to the design of an outstanding award-winning project. Supporting suppliers and manufacturers are distinguished for the efforts involved with the project.

AIA judges evaluated the projects and selected the project winners. For the Excellence in Safety Awards, a separate judging panel with industry safety experts selected the safety awardees.

Ten contractors have been accorded Construction Excellence Awards: Anning-Johnson Company; California Drywall Co.; Daley’s Drywall & Taping, Inc.; Frey Incorporated; J&J Acoustics, Inc.; Level 5 Inc.; O’Donnell Plastering, Inc.; RFJ Meiswinkel Company; Standard Drywall, Inc.; and Swinerton. The Project of the Year awards went to Level 5 Inc. and Standard Drywall, Inc. The contractors recognized for the Excellence in Safety Award in achieving strategic safety goals went to Brady Company/Central California, Inc.; California Drywall Co.; Giampolini Contractors; and J&J Acoustics, Inc. for their high safety records and best safety practices in the work environment.

The projects listed represent the pinnacle of construction achievement in their respective categories.

**ANNING-JOHNSON COMPANY • RESIDENTIAL/LODGING EXTERIOR**

**1395 22ND STREET**

Architect: Perry Architects  
General Contractor: Build Group  
Location: San Francisco  
Manufacturer: Sto Corp.  
Supplier: Foundation Building Materials

The 1395 22nd Street project, known as The Landing, is a three-building luxury apartment complex built into the southeast side of Potrero Hill in San Francisco. The general contractor did extensive earthwork to shore up the hill and grade the site to fit three buildings in this narrow space. The project was developed on an extremely tight site, only 75 feet wide, that crowded construction between a Muni service facility and a steep grade of Potrero Hill. The project fit two buildings deep with a central courtyard/walkway in between the Muni service facility and Potrero Hill.

One of the biggest issues in this project was access. Because the site was so tight, navigating workers often meant a combination of manlift/elevator, long corridors, stairwells, and scaffolding. As the project progressed, it was not uncommon for access that was available the previous day to be finished or closed off, requiring personnel to frequently re-learn how to navigate the site.

Anning-Johnson worked on EIFS, the primary cladding on most of the three buildings, interspersed with metal panels provided by other businesses. The fiber cement panel feature wall was provided by Anning-Johnson’s siding division. The owner elected to create much of the building’s visual interest on the façades by utilizing six different integral colors and two different textures from Sto Corp. Despite the working conditions, Anning-Johnson turned over a finished product with clean, consistent textures and colors, matching the architect’s vision with minimal punch list issues and earning the CEA 2020 for Residential/Lodging Exterior.
J&J ACOUSTICS, INC. • RESIDENTIAL/LODGING INTERIOR
160 FOLSOM STREET

The 160 Folsom project, known as MIRA, is an exceptional high-end condominium building. MIRA boasts a unique 400-foot tower spiral façade, unlike any other building in the city. It is rivaled in concept possibly only by the Mode-Gakuen Spiral Towers in Nagoya, Japan, and the work-in-progress Vancouver House Tower in Canada. The architects incorporated a modern look for the building while finding design inspiration from San Francisco’s architectural history. Named the Panorama Collection, its penthouses feature high ceilings with remarkable finish levels. MIRA stands on one of the last true waterfront parcels in the city, making its views some of the rarest in the city.

The construction work consisted of three structures: a five-story, a nine-story, and a 42-story tower. J&J Acoustics performed a substantial amount of preconstruction due to the complexity of the exterior framing on the five- and nine-story structures. A detailed plan was put in place to execute high-end quality for the multiple functions that the contractor was performing. These endeavors included the exterior plaster, level 5 finishes throughout all three structures, Venetian plaster at mailroom/main lobby, creative framing for the multiple volcano ceilings, T-bar ceilings on lower levels and back of house, portal framed unit entrances and prefabricated light pockets in the corridors and main lobbies. In addition, the contractor installed acoustical panels at the nine-story roof to reduce the sound of exposed mechanical equipment. Collaboration with Accurate Firestop was required to install the continuous insulation and perimeter fire containment requirements.

Each member of the 160 Folsom J&J Acoustics team performed their tasks with passion and diligence. The management teams pursued a common goal of high-end quality and efficiency, ensuring a successful award-winning project. J&J Acoustics, Inc. is grateful for the opportunity to be a part of exceptional interior wall and ceiling craftsmanship that will forever change the San Francisco skyline.

RFJ MEISWINKEL COMPANY • RETAIL EXTERIOR
HILLSDALE SHOPPING CENTER NORTH BLOCK RECONFIGURATION

Hillsdale North Block Reconfiguration is RFJ Meiswinkel’s winning project, located at the existing Hillsdale Shopping Mall property in San Mateo. The contractor’s scope included spray fireproofing, exterior and interior metal framing, drywall, taping, lath and plaster. This project consisted of five new ground-up structures all varying in size, shape and complexity.

Primary concerns were the extensive exterior metal framing, which was required as a substrate for more than 10 separate finish elements that created distinctive visuals. On the interior, the new restaurant court and walkways featured a variety of ceilings and drops, adding to an open indoor and outdoor public space. The contractor was a major player in helping achieve the real estate management’s vision in creating an extension of their existing mall to encompass theaters, bowling, restaurants and additional retail. RFJ Meiswinkel Company is proud to have its name associated with this bold project.
**SWINERTON • RETAIL INTERIOR**
**HERMÈS SAN FRANCISCO**

Architect: DS&F Architect, PC  
General Contractor: Swinerton  
Location: San Francisco  
Manufacturer: ClarkDietrich Building Systems, Georgia-Pacific Gypsum  
Supplier: Foundation Building Materials

The awarded project was a two-floor, high-end retail space for French luxury house Hermès of Paris in Union Square, downtown San Francisco. The renovation encompassed more than 22,000 square feet, including an expanded Maison sector. Swinerton self-performed the framing, drywall, taping, and casework for the project. Soffits were built with radius and bull nosed GFRG pieces to emulate the architectural finishes desired by the owner and architect. Swinerton’s craftsmanship was particularly reflected in their ability to meet strict specifications calling for less than a 1/16-inch tolerance in the plane of the walls and ceilings, with a Level 5 finish throughout. San Francisco’s 9,000-square-foot boutique now serves as the Hermès luxury West Coast flagship store.

**CALIFORNIA DRYWALL CO. • COMMERCIAL INTERIOR**
**SLACK HEADQUARTERS**

Architect: Studio O+A  
General Contractor: SC Builders  
Location: San Francisco  
Manufacturer: CEMCO, United States Gypsum  
Supplier: Foundation Building Materials

An essential goal for Slack’s 300,000-square-foot headquarters was for each of the 10 floors to represent a different part of the Pacific Crest Trail, a hiker’s paradise that stretches from the Baja Desert to the Northwest Glaciers. The idea was not only to suggest a variety of topographical and botanical contexts but also to capture the similarities between hiking a wilderness trail and working.

The shifts in terrain between each level form a gradient of landscapes defined by color, material, texture, plant species, artisanal finishes, and subtle but space-defining lighting schemes. As a visitor ascends from one level to another, changes in biome announce themselves on the walls of the elevator vestibules, which feature chalky strata, mineral textures, and pelagic hues interpreted in custom plasterwork. Each floor features a field of open-plan workstations — seats are assigned — juxtaposed with smaller “on the trail” vignettes. Solo and communal workspaces of all shapes and sizes run throughout. Inside the forest level’s “fairy rings,” real birch tree trunks or nylon backpack straps encircle round and sunken benches, while on the glacier floor, a faceted alcove sinks into the wall to provide a bivouac for one. Many of the social areas, like a coffee bar and a fireside tea lounge, take their cues from retail and hospitality. Throughout the project, craft stands in for art.
O’DONNELL PLASTERING, INC. • INSTITUTIONAL EXTERIOR
SAN BENITO HIGH SCHOOL SCIENCE & ROBOTICS

Architect: Quattrocchi Kwok
General Contractor: Blach Construction
Location: Hollister
Manufacturer: Tyvek®, CEMCO, BMI Products
Supplier: Action Gypsum Supply, LP and Allied Building Products

This project is a new state-of-the-art classroom building dedicated to science and robotics instruction at San Benito High School in Hollister, California. The structure was built using a hybrid of Blach Construction’s new Folia panelized building system. In this system the exterior walls are framed and sheathed off-site, trucked to the job and set in place. To accommodate some of the architectural aspirations, many of the components needed to be field constructed such as soffits and arched bulkheads. O’Donnell Plastering provided scaffolding, then installed 33,000 square feet of Tyvek® CommercialWrap® WRB and associated flex flashings over 1-inch rigid insulation. This process was followed by lath and trims, then ultimately a traditional three-coat plaster system. The finish was an integrally colored BMI 400 Medium Sand Acrylic applied over 690 Plaster Base and foam windowsill trims. During the vetting process, the contractor was assisted with design and cost-saving measures, such as using an economic WRB that still met NFPA-285 requirements and designing a smooth plaster balcony cap and decorative foam medallions.

O’Donnell Plastering, Inc. is proud to have worked on this project with the Blach team and looks forward to more successful projects in the future.

Architect: SmithGroup
General Contractor: HerreroBoldt
Location: San Francisco
Manufacturer: CEMCO, United States Gypsum, Grabber Construction Products
Supplier: L&W Supply

The Sutter Health CPMC Van Ness Campus Hospital occupies an entire city block between Geary and Post streets along San Francisco’s bustling Van Ness corridor. The $2.1 billion, nearly 1 million-square-foot facility features 11 floors and 274 acute-care beds in private rooms, each with its own view. Every detail of the new hospital is geared toward creating an inclusive, healing environment providing acute care, diagnostic, clinical treatment and administrative space.

The impetus for the hospital was the Hospital Facilities Seismic Safety Act (SB 1953) that requires hospitals to remain operational after an earthquake. An OSHPD regulated building is a massive undertaking with significantly more stringent requirements and inspections than a typical building. One of the pioneering technologies used for this undertaking was 120 Viscous Wall Dampers integrated throughout the structure. The dampers rely on an odorless, nontoxic fluid to slow building movement in the event of an earthquake and reduce wind-induced vibration and inter-story drifts by more than half. This construction endeavor is the first in the United States to install Viscous Wall Dampers.

California Drywall and 14 trade partners, together with the owner, architect and general contractor, entered into an Integrated Form of Agreement (IFOA) using Integrated Lean Project Delivery (ILPD) methodology to deliver a special facility. The project incorporated the latest methods in construction management. These advances included BIM used for design, Target Value Design (TVD), last planner scheduling, A3 reports and culture of learning, constructability and field production, and Virtual Design Construction (VDC) to visualize the design, coordinate constructability and plan production. The work from the modelers and detailers in the coordination phase of the project was made visible to the field using spool sheets and BIManywhere, with each building level available on the iPad to make the model easily accessible to anyone. Team members were empowered to make decisions to keep the project moving along quickly. From start to finish, Cal Drywall operated in a collaborative environment, where the entire multidisciplinary personnel worked side by side throughout the project’s duration. Ultimately, the cohesive approach resulted in numerous successes, including delivering the project early and nearly $150 million under the original project budget, earning California Drywall the CEA 2020 for Institutional Interior.
FREY INCORPORATED • HISTORICAL RESTORATION EXTERIOR AND HISTORICAL RESTORATION INTERIOR
NAPA COURTHOUSE EARTHQUAKE REPAIR PROJECT

Architect: Carey & Company (Now TreanorHL)
General Contractor: Alten Construction
Location: Napa
Manufacturer: CEMCO, BMI Products, United States Gypsum
Supplier: Westside Building Material Corp.

Napa County Courthouse, originally built in the late 1800s, suffered major structural damage in the 2014 Napa earthquake. This 130-year-old building was found to be out of square, out of plumb and with the existing substrates varied 0 to 4 inches within each elevation. The restoration included significant structural upgrades, restoring, and replacing many architectural features. Frey's scope of work included the application of new Portland cement plaster systems in various areas over existing exterior substrates and interior gypsum plaster systems over the new structural fiber reinforced cementitious material (FRCM). Specifically, Frey's exterior work consisted of plaster patching to match existing, run mold plaster, cast plaster elements, new plaster systems over new concrete masonry units and extensive crack repair. The interior work consisted of run mold plaster, cast plaster elements, plaster patching of existing walls and ceilings, and new plaster to match existing walls and ceilings unable to be salvaged. Frey Incorporated is very proud of this renovation project and the executed craftsmanship, a Napa County gem.

FREY INCORPORATED • EIFS
THE CARLISLE

Architect: Wiss, Janny, Elster Associates
General Contractor: Centrix Builder, Inc.
Location: San Francisco
Manufacturer: CEMCO, National Gypsum, Sto Corp.
Supplier: Foundation Building Materials, CWallA

Originally built in 1991, The Carlisle is an assisted living facility located at 1450 Post Street in San Francisco. Metal stud framing, gypsum sheathing, and a Pleko EIFS barrier system were installed on the building exterior. The original EIFS barrier system did not perform well, allowing water intrusion behind the system with no means for escape. The metal stud framing and water-soaked sheathing could no longer support the Pleko EIFS system, resulting in a release of the system in winter 2016. After extensive destructive testing, it was determined that the metal framing of the balconies had extensive corrosion and required replacement. The existing cladding was removed on three elevations and the balconies were demolished to concrete slab. Frey Incorporated’s construction included a complete re-frame of all balconies and extensive metal stud repairs in all other areas.

The new specified EIFS is a Sto Classic CI with Stolit® 1.0 Lotusan® Finish. Each of the components and steps of the Classic CI system consists of Glass Mat Sheathing, Rapid Guard seam filler, Gold Coat underlayment, Sto BTS® Plus, STO Prime, and the Lotuson®, which were rigorously tested and reviewed by Sto Corp. and WJE representatives.

The Carlisle project had difficult logistical barriers to work around. The facility remained fully occupied with no laydown area to store materials. Contractors were not allowed access to any part of the interior of the building. All materials were delivered daily as needed and dispersed appropriately on the scaffold, with a schedule conducted for all phases of construction. Frey Incorporated completed this project on time under stringent logistical requirements.
CALIFORNIA DRYWALL CO. • GREEN BUILDING
VMWARE CREEKSIDE AND HILLTOP BUILDINGS G

Creekside G is a 100,000-square-foot, two-story building. It houses open and closed office space, conference rooms, break areas and standard building services. Also included is a 15,000-square-foot fitness center with all the standard amenities.

Hilltop G is an 86,000-square-foot, two-story building and houses VMware’s Visitor Briefing Center. The Center incorporates multiple high-end meeting rooms, Prysm software presentation display walls, food service, a theater and multiple break-out rooms. A 2,900-square-foot café and warming kitchen is part of the Visitor Briefing Center. High-end finishes are featured in the café seating area. Hilltop G includes more traditional open and closed office environments, conference rooms, break areas, huddle rooms, and conventional building services. Both buildings feature a design of floor-to-ceiling glass in perimeter offices and exposed structure in the various ceiling areas, which add to their volume.

Cal Drywall installed numerous specialty-ceiling products throughout the project. The products included Rulon 4-Inch White Oak Panelized Grill on a 360-painted white grid to match the structure, Armstrong® Metalworks Mesh Mini in Nickel Chrome with Custom color grid, and Rulon Aluratone 750 PERFection in White Oak, all custom sized panels. Cal Drywall then installed a custom 4- by 6-inch polished aluminum custom box with seamless corner welds at the perimeter that the contractor fabricated in-house. The combination of white oak and polished aluminum was the star of the show, and Cal Drywall hand-sanded and polished all the aluminum post-installation to give it a flawless finish. Each building’s skin was a combination of cement plaster, metal panels and window wall.

The LEED Platinum buildings featured Forest Stewardship Council certified wood wherever possible, as well as wood and metal ceiling treatments manufactured with up to 63 percent pre-consumer recycled content. Metal studs installed on the project may allow the project to qualify for up to seven LEED points under LEED v4 for Building Design + Construction. The building sources approximately 20 percent of its power from rooftop solar panels. The carpeting was Green Label Plus certified and featured low-VOC materials throughout the building. For their environmentally friendly construction, and contribution to what has been referred to as a “hallmark of West Coast architecture” and the workplace of the 21st century, California Drywall Co. received the Construction Excellence Award for Green Building.

DALEY’S DRYWALL & TAPING, INC. • CEILINGS
1050 PAGE MILL ROAD

The four-building project incorporated nearly 21,000 square feet of cherry veneer supporting the finish. Daley’s Drywall & Taping, Inc. focused on the acoustical ceiling tile (ACT). The ACT covered corridor ceilings on the first and second floors as well as the underside of stairs. A construction undertaking was having to work off boom and scissor lifts; the use of scaffolds was not a possibility due to the height and accessibility for other trades. Some of the ceilings were curved, requiring additional layout planning to assure equal spacing between the first and last board installed.

Daley’s installed a Geometrik Manufacturing Inc. 3/4- by 3-3/4-inch Geopanel linear panel wood ceiling with a cherry veneer finish and a black felt backer directly attached to a USG 15/16-Inch Heavy-Duty grid system.

Challenges of access played a significant role in the difficulty of the install. The ceilings in each building had three sides that were floating free from the walls. Two of the walls had to be hand-scribed against curved and cantaluminum panel walls systems. The third floating edge detail was finished against the glass window wall with a 4-inch matching wood trim. Daley’s master carpenters addressed several massive round columns that had to be perfectly cut to maintain a matching reveal. The result was one of many premier ceiling installations for Daley’s Drywall and Taping’s acoustical team throughout the Bay Area that their “boots on the ground” master carpenters have performed over the years; per the contractor, they earned this one in the portfolio. Daley’s Drywall & Taping, Inc. appreciates this industry recognition of their team’s commitment to excellence.
LEVEL 5 INC. • PROJECT OF THE YEAR – EXTERIOR UNDER $500,000
BENSON MEMORIAL CENTER

Located in the heart of Silicon Valley, Santa Clara University surrounds the historic Mission Santa Clara de Asis serving as a student chapel and spiritual hub of campus. The quality of construction was expected to be the finest; nothing less than superior results would be permitted by the contractor.

Benson Memorial Center is the main eatery on the campus, serving thousands of students and faculty 24 hours a day. The project was a gut job of the center with a ground-up adjoining and expanding of the facility. The ceilings soared above 35 feet in some places. Open trenching throughout tested the coordination with safety concerns. The real construction trial was the compact schedule as the timeline started the day after graduation ceremonies and extended to the week before students returned to school. Due to this strict timeframe, meeting the schedule was extremely imperative.

Along with seating capacity, the build has several “grab and go” stations for students to quickly pick up food. Due to this activity, sound mitigation was necessary as the area was to be an open structure all the way up to full height. The layout required soundboard, QuietRock, multiple layers of drywall and isolators to control the noise level.

Visitors to the center can admire the picturesque nature of the completed project, with a floating ceiling appearance of clouds throughout. At the same time, light coves float within and light waterfalls soundlessly fall, emphasizing skylights above and below — yes, skylights below. This project was the first time the contractor had been a part of a floor light well that opened the basement up to natural light. The work encompassed wrapped support beams, ceilings, sneeze guards, menu and TV supports, and low walls to house everything from typical electrical and plumbing to refrigeration and the heavy amount of data to the electronic menus and purchasing operating systems. All ended with a high-quality Level 5 smooth finish, earning Level 5 Inc. a 2020 CEA Project of the Year recognition.
LEVEL 5 INC. • PROJECT OF THE YEAR – INTERIOR UNDER $500,000
SANTA CLARA OFFICE

Architect: HPC Architecture Inc.
General Contractor: Build Group Silicon Valley
Location: Santa Clara
Manufacturer: CEMCO, ClarkDietrich Building Systems, SCAFCO Steel Stud Company, PABCO Gypsum, Georgia-Pacific Gypsum, United States Gypsum, Westpac Materials
Supplier: Allied Building Products, CWalla, Olmar Supply, GC Products

From day one, the goal for Level 5’s crew was that this would be the finest finish to match the name on the door. A complete gut job was needed to start the process. Holes had to be cut everywhere in the roof and turned over to the framers. Fourteen skylights had to be aligned perfectly throughout and flare out to 16 by 16 feet with pointed corners to allow natural light to shine in. QuietRock was used on each wall and Roxul in every cavity, with open areas finished to full height. White scrim was placed over the Title 24 roof insulation. Every room had Idea Paint™ writeable surface walls, with wrapped columns. The glass doors entailed wrapped corners at the openings and doorways.

Sound isolators played a crucial role in mitigating sound in the full gym. Structural posted low walls supported the concrete island top of 100 square feet in the private phone rooms, laundry room, and in the lactation room in the large kitchen lunch area. Soffits and ceilings and Mecho® shade pockets were added throughout multiple housing aluminum-trimmed radiused coves and aluminum-trimmed radiused eyebrows to house the indirect lighting with premanufactured perfect corners. Black reveal trim was integrated to match the linear diffusers to create a seamless look.

Nothing sets the stage like a first impression — when visitors enter the building, they immediately see the company logo inset in the wall. The emblem is backlit in blue light, glowing throughout the day. Level 5 Inc.’s plaster division added a custom Italian plaster skim coat to complete the eminent statement and CEA worthy craftsmanship.

STANDARD DRYWALL, INC. • PROJECT OF THE YEAR – EXTERIOR OVER $500,000 | INTERIOR OVER $500,000 | COMMERCIAL EXTERIOR
THE CHASE CENTER

General Contractor: Mortenson | Clark Joint Venture
Location: San Francisco
Manufacturer: United States Gypsum, CEMCO, Georgia-Pacific Gypsum, ClarkDietrich Building Systems, Armstrong
Supplier: Westside Building Material Corp., CWalla, Allied Building Products, Hilti

The Chase Center is an indoor arena in the Mission Bay neighborhood of San Francisco. The building is the home venue for the Golden State Warriors of the National Basketball Association (NBA). Standard Drywall’s scope included light gauge metal studs, drywall, tape and finish, FRP, TV bracket installation, specialty ceiling (GypSorb), heavy-gauge metal studs, sheathing, insulation, air barrier, and solid surface panel installation.

The arena is composed of multiple layers and floors, with a seating capacity of 18,064, and a multipurpose area with a theater configuration and entrance overlooking a newly built park. The site contains 580,000 square feet of office and lab space, 100,000 square feet of retail, and a 35,000 square foot public plaza/recreation area. A parking facility offers approximately 950 spaces and is accessible to public transportation around the area. The location includes the Warriors’ practice facility known as the Biofreeze Performance Center.

The Chase Center has been referred to as the new Roman Coliseum for basketball. As one media outlet reported for the Center’s inauguration, if New York has Madison Square Garden and London the O2 Arena, the Chase Center will serve at the level of the best arenas in the world. More than just a giant building, the Center has become a beacon for the entire Bay Area community. It was a beast of a project that has shaped San Francisco’s landscape, with one goal in mind as stated: to create a place that would provide people with unforgettable memories. The Center’s quality of work earned it two Construction Excellence Awards for Project of the Year.
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I was born in Orcutt, California, and have grown up on the Central Coast since. I loved my small town growing up and never thought I would go to college in San Luis Obispo, only 35 miles from my childhood home.

Growing up with five older brothers allowed me to witness their college experiences before starting my own. I knew from a young age that I loved building and problem solving, and thought I wanted to follow my brother’s path of being an engineer. However, after seeing how much desk work his job required, I realized I needed a career with more social interaction and involvement in the field. When I was checking course catalogs, I came across construction management and knew I had found the perfect career for me.

Since choosing Cal Poly’s construction management program, my three years of courses and internships have ignited my love for this industry. I am always looking to expand my knowledge and experiences. I strive to embrace the “Learn by Doing” mentality at Cal Poly, while getting involved in activities such as teaching a BIM class and competing in the ASC competitions.

I hope to use my accumulated knowledge and passion for building to become a respected superintendent in the commercial sector. I am passionate about increasing the number of women in construction and hope to set an example for other young women to pursue this industry.

I am originally from the Inland Empire area in southern California, and I loved art all my life. My love for art became more prominent in high school due to my interest in theme parks. I initially started my pursuit of art by enrolling in a couple of CAD classes in high school. This was when my passion for architecture flourished. I wanted to use a technical skill like architecture to bring stories, movies, and artwork to life for people to experience for themselves instead of only looking through a screen.

After leaving high school and attending Mt. San Antonio Community College, I wanted to become a licensed architect because I felt that earning those credentials would be the only way to achieve my goals. However, once I transferred to UCLA to pursue my bachelor’s in architectural studies, I found people and organizations with similar interests to mine. I discovered that I could use my love of art and architecture together and still make a career out of it by branching into the entertainment design industry or even film, to do things like set design or location scouting.

My current goals in life now are to work within the themed entertainment design industry by designing more immersive and mind-blowing theme parks that encapsulate people in a new world. Becoming a Disney Imagineer is just one of the many things I want to achieve in life. My biggest aspiration is to build or develop theme parks all around the world that transport people to another place where they can enjoy themselves and have an unforgettable experience.

I was born in Guatemala City, Guatemala. At the age of 15, I left my place of birth and family in search of the American dream. With the support of my family in the United States, I was able to attend Vanden High School in Fairfield, California. The school is located near Travis Air Force base, and it was during my high school years that I developed an admiration for the men and women who serve in the military. Upon graduation, I decided that it was time for me to give back to my new country and joined the United States Navy. The time I spent in the military taught me how to be disciplined, respectful and, most importantly, a leader.

Ever since I can remember, I had a passion for building. I think it all started when I received a Tonka dump truck for my fifth birthday. According to my mother, I spent all summer building roads and bridges in the mud. From playing in the dirt to performing residential remodels to pursuing a career in construction management, my passion for construction has always motivated me to work hard and learn as much as I can from every experience. Today I am a senior at California State University Fresno, and I hope to graduate in the spring of 2021.

Upon graduation, I would like to enter the construction industry as a field engineer and work my way up to become a construction manager. A wise person once told me that a good construction manager must have experience in the field, scheduling, estimating, and material procurement and documentation. My goal is to learn all these aspects of construction and one day start my own construction firm.
I was born and raised in Austin, Texas. I’m the youngest of three children of two loving parents. My parents taught me how to be resourceful and to always believe in myself and my dreams. From an early age, I learned from my father how to do repairs around the house. I resisted these learning opportunities many times throughout my youth. As I’ve grown, I realize that those lessons have paid off, while learning how to navigate the real world. These lessons from my father were not just teachings in how to swing a hammer and hit a nail, so to speak, but how to learn to do new things that broaden opportunities.

I started my college career with interest in learning the design-and-build skills for sustainable infrastructure systems and learning how to best manage our natural resources as we face increasing climate change. I wanted to help cities and people become more sustainable in their daily lives. My choice to focus on construction management was an easy choice for me — specifically, when thinking about American infrastructure across the country that needs a lot of work, and I’m excited to enlist myself to improve it. As much as I enjoy designing during my off time, I am much more interested in helping with building and construction, keeping in mind the big picture and end goal, whatever the project may be.

My future goals include working as a project manager for water/wastewater development projects, building renewable energy systems, or rebuilding bridges, dams and water pipelines. All these systems and technologies are vital to the healthy functioning of society, and it is my sincere desire to make life better for as many people as possible. Whatever I end up doing and working for, I hope to be implementing sustainable and efficient technologies to build the systems that will take us into the future.

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Union Carpenters Are Well Equipped for a Rapidly Changing Industry

The construction industry is changing rapidly. Increased use of construction management software, modular and prefabricated units, mass timber construction, 3D imaging and other new approaches are already boosting speed, accuracy, sustainability and safety while reducing costs.

Northern California union carpenters are an integral part of that process. The Carpenters Training Committee for Northern California (CTCNC), jointly trusteed by the union and signatory contractors, is preparing the workforce of the 21st century. With five fully equipped training facilities in northern California and access to the Carpenters International Training Center in Las Vegas, union carpenters are ahead of the game.

Apprentices and journey-level members continue to be trained in core carpentry skills, with a strong focus on safety. CTCNC also trains members to use building information modeling (BIM), PlanGrid and Bluebeam, as well as Total Station. Training for Carpenters Union members in modular construction facilities includes forklift and aerial lift certifications, OSHA certifications and basic tool skills, along with blueprint reading and PlanGrid. Rigging classes emphasize the skills needed to handle heavy modular units and cross-laminated timber panels.

Northern California carpenters, working with signatory employers, are meeting the needs of today’s commercial developers, school districts, other public agencies and communities by leading and adapting to continuous technological changes, all while maintaining the union’s traditional commitment to working hard, working smart and working safe.

The Northern California Carpenters Regional Council (NCCRC) represents 38,000 members located from Visalia to the Oregon border. Members are trained carpenters, millwrights, pile drivers, bridge builders, mill cabinet builders and installers, scaffolders, lumber yard workers and acoustical ceiling installers. The NCCRC is committed to working with signatory employers to modernize the construction industry and reduce costs while maintaining decent wages, benefits and safe working conditions.

Member Webinar Opportunity

Do you have useful information to share with the membership?

In this new pandemic environment, we are hosting online educational workshops to suit a safer and more flexible educational atmosphere. We are surveying teaching sessions offering a broad range of various topics. If your company has educational insights that support business practices and/or help operations run more efficiently, we are offering one-hour educational webinar opportunities.

To learn more about providing education to our members, contact Sherry Hadnot at sherry@wallandceiling.org.
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Supervisor, Morse Drywall & Construction
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**Most Common Sizes**

<table>
<thead>
<tr>
<th>Slot Size (A)</th>
<th>Leg Size (B)</th>
<th>Web Width (W)</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 1/2”, 2”, 2 1/2”, 3”, 3 1/2” or 4”</td>
<td>2 1/2”, 3”, 3 1/2”, 4”, 4 1/2” or 5”</td>
<td>1 5/8”, 2 1/2”, 3 1/2”, 3 5/8”, 4”, 6”, 8”, 10”, 12” or 14”</td>
<td>120” or 144”</td>
</tr>
</tbody>
</table>

**Materials:**
- 20 ga Galvanized Steel
- 18 ga Galvanized Steel
- 16 ga Galvanized Steel
- 14 ga Galvanized Steel
- 12 ga Galvanized Steel
- 10 ga Galvanized Steel

**ASTM Codes:**
- 653-CS
- A653
- C645
- C955
- A1003
- A924
- C754
2020 CALENDAR OF EVENTS

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

AUGUST 24-27
GWIC Groundbreaking Women in Construction
Virtual Conference

SEPTEMBER 14-18
Construction Safety Week
Virtual Event

SEPTEMBER 15-17
GlassBuild America Expo
Las Vegas, Nevada

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

SEPTEMBER 30-OCTOBER 2
CISCA Fall Conference
Chicago, Illinois

OCTOBER 9
43rd Annual Construction Lunch-O-Ree
San Francisco, California

OCTOBER 10-14
International Code Council 2020
St. Louis, Missouri

OCTOBER 13-16
CMAA 2020 (now online)
San Francisco, California

OCTOBER 14-16
ENR FutureTech
San Francisco, California

OCTOBER 18-21
IRMI Construction Risk Conference
National Harbor, Maryland

OCTOBER 20-21
ABAA Conference
Reston, Virginia

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

OCTOBER 28-30
Design-Build Conference & Expo
National Harbor, Maryland

NOVEMBER 10-13
FIC ‘20 FCIA Firestop Industry Conference & Trade Show
San Diego, California

DECEMBER 7-9
Construction SuperConference
Las Vegas, Nevada

For More Event Information, Visit WACA’s Calendar of Events at:
web.wallandceilingalliance.org/events

NEW ONLINE LEARNING WEBPAGE

To keep you at the forefront of the wall and ceiling contracting industry, we have partnered with organizations offering informative online learning webinars on a wide range of beneficial business topics from harassment prevention training to safety in the workplace. You can learn more about the online educational webinars by going to our new Online Learning webpage.

Online webinars are an excellent opportunity to keep current with mandatory regulations and improve your knowledge base. With this new pandemic environment, online learning offers flexibility, safety, and reduced costs for both employers and employees.

If you would like us to provide a specific educational webinar on a specific topic relating to wall and ceiling, reach out to Julie Dunaway at julie@wallandceiling.org.

WWW.WALLANDCEILINGALLIANCE.ORG/ONLINE-LEARNING.HTML
**CONTRACTOR**

Evan Patterson Construction, Inc., a union signatory drywall subcontractor based in Fresno, California, has been in business for more than 17 years. Patterson specializes in drywall, metal studs and drywall finish/ tape. The majority of their work is focused on the following types of projects: government projects, military facilities, industrial and educational buildings, schools, community and municipal buildings, hospitals, offices, warehouses, and transportation. Patterson’s commitment to the construction industry is to provide quality union workmanship in metal studs framing, drywall and taping. Some long-term employees, including president and owner Evan Patterson whom the business is named after, have as much as 30 years’ experience in the drywall industry. Patterson is signatory to the Drywall Lather’s/Carpenter’s Union (Local Union #9083/701) and the Taper’s District Council Union (Mixed – Local Union #294). The company’s skilled union technicians take pride in their work to assure a safe working environment while focusing on maintaining an excellent safety record. For more information, contact Evan Patterson at ep@pattersonconstruction.us and (559) 264-4070.

**ASSOCIATE**

DADO, a construction software company, is focused on building solutions that meet the unique needs of specialty contractors. The software tool DADO bridges the divide between the office and the field as the only construction-specific, data-and-documentation search engine for shop drawings, plans, specifications, submittals, RFIs, safety information, and more. Much like a dado cut, DADO joins data and documents from many sources into one searchable system. It gives all on-site personnel the power to instantly retrieve the most current data and documents by speaking or typing into any computer, smartphone or tablet. DADO cuts across all of the scattered construction information available, avoiding wasted time spent searching for information, and rework caused by missing or outdated information. The company is headquartered in Oakland, California, and has a growing team around the country including employees in Orange County, California; Seattle, Washington; Fort Worth, Texas; and Chicago, Illinois, many of whom join DADO with industry experience working in construction tech or as subcontractors. For more information, contact Emily Heppard at emily@projectdado.com.

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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.
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