A PUBLICATION OF THE WALL AND CEILING ALLIANCE

THE QUARTERLY

SUMMER 2018

WACA
WALL AND CEILING ALLIANCE

Announcing **Construction Excellence**

Award Winners

PAGE 8

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PAGE 27

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E-Flange™

ClarkDietrich

Introducing E-Flange™ Embeddable Stucco Profiles

To properly assemble a wall cladding system using stucco, the best practice is to maintain consistent embedment through the trim profile to the substrate. More portland cement plaster contacting the substrate means less opportunity for moisture issues and cracks in the stucco.

E-Flange embeddable stucco profiles provide 100% more embedment than standard “flat flange” profiles. E-Flange allows for more stucco mix to flow through the flange, providing a more thorough and consistent embedment. The unique E-Flange shape also allows for quick and easy tying of lath and other accessories.

Features/Benefits

- 100% more stucco embedment as compared to standard “flat” flange profiles
- Larger triangular perforations allow more stucco mix to flow through and adhere to the substrate
- Raised flange sections allow stucco mix to flow behind the profile
- Raised flange sections allow for more consistent and easier lath tying

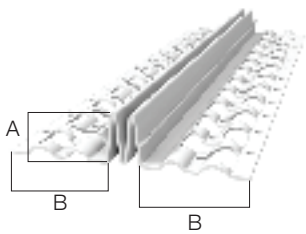
Photo illustrates E-Flange embedment vs. standard flange embedment

Physical Properties

- Complies with ASTM D1784 and ASTM C1063, Table 1. PVC for exterior use.
- Allows for sufficient material pressure to form full keys through the attachment flange per ASTM C926
- Facilitates a more complete embedment for the attachment flange per ASTM C1861
- E-Flange shape provides for less surface contact with the substrate and a more fully embedded flange per ASTM C1063

Product Notes:

- E-Flange embeddable stucco profiles are available in ground depths of 1/2”, 5/8”, 3/4”, 7/8”, 1”, 1-1/4”, 1-1/2”, 1-3/4” and 2”
- All flange widths are 1-3/4” (1” available on request)
- E-flange is patented by ClarkDietrich



E-Flange Control Joint

Designed to relieve stress and assist in controlling cracking in large areas of walls and ceilings. Specially designed connector clips are provided for alignment and base for sealants.

Product Code	(A) Ground	(B) Flange Width	Pieces per Box
1558E	5/8"	1-3/4"	30
1575E	3/4"	1-3/4"	26
1578E	7/8"	1-3/4"	20
15100E	1"	1-3/4"	20

U.S. Patent Number D800,346

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

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On the cover:

Photo by Mariko Reed
California Drywall Co.
2018 CEA Winner for Commercial Interior:
Airbnb San Francisco

Carmen Valenica Castillo
Director of Marketing
and Communications

Hello Members and Partners,

I want to start by congratulating all the Construction Excellence Awards (CEA) and Excellence in Safety Awards (ESA) 2018 winners. Every year we get a pool of exceptional project submissions to evaluate — which is a difficult task for the AIA judges and our dedicated WCB team to tackle.

What people don't know is that putting on the awards show takes years in the making. It begins when the project is completed. Then it is submitted to the competition, reviewed by the evaluation committee and selected as a recipient; from this point, we schedule the awarded project's professional filming (which takes 10 weeks to produce). By the time guests arrive for the CEA dinner and show, we have been internally coordinating the massive logistics a year and a half leading up to the event. CEA is the one event where WACA has an opportunity to showcase contractors' work. Part of our commitment to membership is getting contractors' specialties recognized in our industry. To promote the accolades deserved, WACA works with national and local publications such as the *Walls & Ceilings*, *ENR*, *Daily Pacific Builder* and *The Quarterly* to feature winning companies and projects.

WACA's CEA has become one of the most significant wall and ceiling awards programs in the country. It's an honor for the association to display and showcase contractor projects that best demonstrate the talents and skillsets of the people who build these magnificent structures. Behind every crystal award recognition stands an army of people that makes the achievement possible. For members who missed this event, we invite you to be part of this annual milestone next year; we hope that the event will inspire you and your team to submit projects for a future award. CEA serves as a platform to demonstrate the aptitude of contractors' craft in our industry, community and trade. Together we can work toward making CEA one of the industry's prominent awards show in the country.

On a different note, on page 26, you will see classes the Carpenters Training Committee for Northern California (CTCNC) provides. Contractors take note; CTCNC offers FREE on-site training for UBC members. With the current demand for labor and administrative projects, we understand how busy companies are right now. CTCNC trainers can go to contractors' offices and job sites to conduct official training. There are some requirements and pricing attached for in-office training — a cost which WACA will cover for its membership. We encourage contractors to take advantage of this opportunity. This is a convenient, time-saving way to get the required training for your employees. To schedule an on-site training, contact Raul Poblete, director of training, at rpoblete@ctcnc.org or (925) 250-9271.

Enjoy the rest of the summer, and if you were lucky enough to get in — see you at the Golf Tournament!

Harassment Prevention Measures
Pending Consideration

by Eddie Bernacchi, Politico Group

The #MeToo movement has taken a starring role in this year's legislative session. In the wake of intense media attention to allegations of rampant sexual harassment in Hollywood and within the California State Capitol, a high volume of bills has been introduced to combat the issue.

Measures to address topics ranging from increased mandatory harassment prevention training to confidentiality provisions to construction industry-specific fixes are all on the table.

The movement has already changed the landscape of the legislature, as five sitting lawmakers have been accused and investigated for sexual harassment, which resulted in three members of the legislature resigning.

WACA has made it a priority to ensure no measure in this area extends undue liability resulting from an act of an employee to contractors who follow the law.

That said, now more than ever contractors need to be attentive to how sexual harassment issues are handled, and take the time to examine their sexual harassment prevention policies and procedures.

Below is a summary of the top 10 measures relating to sexual harassment that are pending consideration in the legislature.

Construction Industry-Specific Measures

AB 2358
Would require that all state-approved apprenticeship programs develop and implement procedures to ensure that its apprentices are not harassed or discriminated against, and ensure that its apprenticeship program is free from intimidation and retaliation. This measure brings California law into compliance with federal apprenticeship regulations.

SB 1223
Would require the division of labor standards enforcement to develop a construction industry-specific harassment and discrimination prevention policy and training standard for use by employers in the construction industry. The bill would also require the department to convene an advisory committee by March 1, 2019, consisting of specified representatives from the construction industry — both labor and management — and state agencies to assist the division in developing the policy. The bill would require the division to report to the Legislature by January 1, 2020, with

recommendations for a harassment and discrimination prevention policy and training standard for the construction industry, and recommendations for implementation of such a standard.

General Employment Measures

AB 1867
Would require an employer with 50 or more employees to maintain records of internal complaints of sexual harassment for 10 years from the date of filing.

AB 1870
Expands the statute of limitations for an employee to file a Department of Fair Employment and Housing (DFEH) administrative claim from one year to three years.

AB 2770
Would make sexual harassment complaints by an employee to an employer, based on credible evidence, privileged communications. The bill would also authorize an employer to acknowledge to another employer whether the employer would rehire a former employee, and whether or not the decision not to rehire is based on the employer's determination that the former employee engaged in sexual harassment.

AB 3080
Would prohibit an employer from (1) requiring, as a condition of employment, that employees refrain from disclosing sexual harassment that they suffered or witnessed; (2) requiring job applicants or employees to waive any Fair Employment and Housing Act (FEHA) right as a condition of employment; and (3) threatening, retaliating or discriminating against an applicant or employee because of the refusal to sign a consent to a FEHA waiver.

AB 3081
Existing law prohibits an employer from discharging, discriminating or retaliating against an employee because of his or her status as a victim of domestic violence, sexual assault or stalking. This bill would add "victim of sexual harassment" to that list.

SB 820
Would prohibit settlement agreement provisions that prevent the disclosure of facts related to claims of sexual assault, sexual harassment or sex discrimination. The bill does not alter a plaintiff's right to request other non-disclosure provisions in settlement agreements.

SB 1038
While employees may be personally liable for FEHA harassment claims under existing law, this measure would extend personal liability to employees for FEHA retaliation against a person who filed a complaint or opposed a prohibited practice, including alleged harassment or discrimination.

SB 1343
Would mandate that employers with five or more employees provide two hours of sexual harassment prevention and bystander intervention training for all employees in California within six months of their hire, and once every two years after that.

ANNOUNCING CEA & SAFETY AWARD WINNERS

The annual **Construction Excellence Awards (CEA)** were held June 14 at the Fairmont Hotel San Jose. To professionally recognize and promote contractors' highest levels of skilled craftsmanship in the trade, WACA presented crystal awards to the AIA-selected wall and ceiling contractors. Awards were also presented to suppliers and manufacturers who supported the winning projects. The judging was difficult due to the skill level of all the projects submitted — the final CEA recipients demonstrate some of the greatest accomplishments in the Northern California wall and ceiling industry.

Attendees previewed video clips of the winning projects on giant screens. From design stages to completion, the films showcased how the winning structures were created, with each award winner highlighting the development phases, challenges and efforts needed to complete the project.

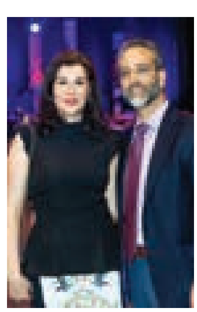
As part of the ongoing mission and campaign to keep the workforce safe, **Excellence in Safety Awards (ESA)** were presented based on annual hours worked in 2017. To honor contractors' efforts, WACA recognized the safety efforts of several contractors, based in part on low EMR numbers. If you're a WACA contractor and would like to get involved with our safety committee, contact Technical Advisor Mike Nonn at mike@wcbureau.org or (925) 523-3897.

"On behalf of Golden Gate Drywall, we would like to thank you for putting on such a first-class awards ceremony. Even more so than the awards, the time talking, meeting and sharing with other industry persons new and old is appreciated and tastefully choreographed. We look forward to more WACA events in the future."

–Kevin Wynne, Field Superintendent and Safety Officer, Golden Gate Drywall

“The CEA show is not only fun, it helps to celebrate the wall and ceiling industry at its best.”

–Brent H. Fisher CSI, CDT, Manager Strategic Accounts and Business Development, Dryvit Systems, Inc.



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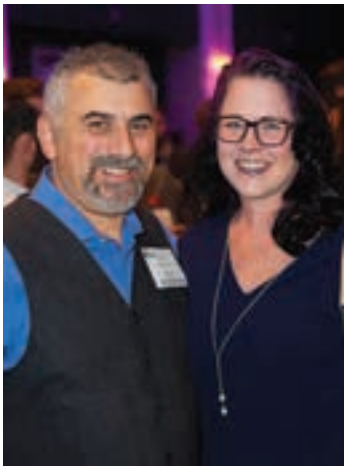


CEA RECIPIENTS

RESIDENTIAL / LODGING EXTERIOR
California Drywall Co.
Russell & Quimby
Steve Eckstrom, Owner

RESIDENTIAL / LODGING INTERIOR
RFJ Meiswinkel Company
San Francisco Proper Hotel
Kristen Meiswinkel, Managing Director

RETAIL EXTERIOR
O'Donnell Plastering, Inc.
Sun Garden Shopping Center
Jeff O'Donnell, Plastering Superintendent
Chet O'Donnell, Owner

RETAIL INTERIOR
Swinerton Builders
SFO Polaris Club
Robert Sepulveda, General Foreman
Karl Rocha, Project Manager & Estimator
David Amaya, Taping Foreman

COMMERCIAL EXTERIOR
Anning-Johnson Company
Central & Wolfe Campus
Dave Nemy, Senior Project Manager

COMMERCIAL INTERIOR
California Drywall Co.
Airbnb San Francisco
Steve Eckstrom, Owner

INSTITUTIONAL EXTERIOR
O'Donnell Plastering, Inc.
SCU Charney Hall
Jeff O'Donnell, Plastering Superintendent
Rob Fischer, Senior Estimator/Project Manager
Dave Jarland, Lathing Superintendent
Mike Rodas, Estimator/Project Manager

INSTITUTIONAL INTERIOR
California Drywall Co.
Stanford University
Hoover Institution
Greg Eckstrom, Vice President

HISTORICAL RESTORATION EXTERIOR
O'Donnell Plastering, Inc.
Peninsula Golf & Country Club
Rob Fischer, Senior Estimator/ Project Manager
Jeff O'Donnell, Plastering Superintendent

HISTORICAL RESTORATION INTERIOR
Patrick J. Ruane, Inc.
350 Bush
Sean Doyle, Plaster Foreman/Casting Superintendent
Jim Ruane Sr, President
Jim Ruane Jr, Project Manager
Gary Watson, Estimator/Project Manager

EIFS
Daley's Drywall & Taping, Inc.
Emeryville Marketplace Block B
Steve Spangenberg, Division Manager of Lath & Plaster

GREEN BUILDING
California Drywall Co.
University of California, Berkeley Chou Hall
Mike Gutierrez, Director of Preconstruction & Estimating

CEILINGS
J&J Acoustics, Inc.
NVIDIA
Paul Brown, Team Manager
Josh Naranjo, Project Manager
Rick Wood, Field Superintendent
Sam McCroskey, Plaster Superintendent
Osvaldo Gonzales, General Foreman

PROJECT OF THE YEAR - INTERIOR UNDER 500K
Giampolini Contractors
SF Games
Manny Alves, General Foreman
Brent Zerull, Division President
Matt Souza, Estimator/Project Manager
Tomas Jimenez, Taping Superintendent

PROJECT OF THE YEAR - INTERIOR OVER 500K
Patrick J. Ruane, Inc.
350 Bush
Jim Ruane Sr, President

PROJECT OF THE YEAR - EXTERIOR UNDER 500K
O'Donnell Plastering, Inc.
Peninsula Golf & Country Club
Jeff O'Donnell, Plastering Superintendent
Shawna Alvarado, Controller
Chet O'Donnell, Owner
Rob Fischer, Senior Estimator/Project Manager

PROJECT OF THE YEAR - EXTERIOR OVER 500K
Anning-Johnson Company
Central & Wolfe Campus
Dave Nemy, Senior Project Manager

EXCELLENCE IN SAFETY AWARD WINNERS

SAFETY AWARD
125 - 250K MAN HOURS
Raymond-Northern California, Inc.
Ray Gilbert, Vice President/ Area Manager
Ed Hanley, Director of Safety

SAFETY AWARD
250 - 500K MAN HOURS
Brady Company/Central California, Inc.
Mike Espanoza, Project Manager/Superintendent
Kevin Rule, Operations Manager
Gregg Brady, Owner

SAFETY AWARD
500K - 1 MILLION MAN HOURS
Performance Contracting, Inc. (PCI)
Andrew Gottlieb, Senior Project Engineer
Chris Coates, Branch Safety Manager
Christian Avila, Project Engineer
John Varna, Site Safety

SAFETY AWARD
OVER 1 MILLION MAN HOURS
California Drywall Co.
Steve Eckstrom, Owner

SUPPLIERS & MANUFACTURERS

OUTSTANDING SUPPLIER
AMS dba Allied Building Products
Brian Knotts, Outside Salesman
Kevin Martin, Outside Salesman
Eli Delgado, Outside Salesman
Brad Rootz, Outside Salesman

OUTSTANDING SUPPLIER
Dryvit Systems, Inc.
Brent Fisher, CSI, CDT, Business Development Strategic Accounts
Brett Henry, Field Service Manager

OUTSTANDING SUPPLIER
Foundation Building Materials
Scott Balestrieri, Account Manager

OUTSTANDING MANUFACTURER
BMI Products
Joao Esteves, Director of Sales
Josh Rush, Outside Sales Representative

OUTSTANDING MANUFACTURER
CEMCO
Eric Larson, Vice President of Sales
Dallas Mix, Regional Salesman
Don Pilz, Research & Development Manager

OUTSTANDING MANUFACTURER
ClarkDietrich Building Systems
John Meyers
Bob Wesolowski, Territory Manager

OUTSTANDING MANUFACTURER
Radius Track Corporation
Scott Abukoff, Design Manager
Chuck Mears, Owner and Chief Design Officer

OUTSTANDING MANUFACTURER
United States Gypsum
Bob Negri, Senior Research Associate at USG Corporate Innovation Center and President, Drywall Finishing Council, Inc.

NOT PICTURED

OUTSTANDING SUPPLIER
Westside Building Material Corp.

OUTSTANDING MANUFACTURER
CertainTeed Gypsum

OUTSTANDING MANUFACTURER
Georgia-Pacific Gypsum

OUTSTANDING MANUFACTURER
National Gypsum Co.

OUTSTANDING MANUFACTURER
Senergy

CEA 2018 PROJECT WINNERS

RESIDENTIAL/LODGING EXTERIOR • RUSSELL & QUIMBY
CALIFORNIA DRYWALL CO.

ARCHITECT: BAR ARCHITECTS

GENERAL CONTRACTOR: CAHILL CONTRACTORS

LOCATION: SAN MATEO

MANUFACTURER: BMI PRODUCTS, CEMCO, DRYVIT SYSTEMS, INC.

SUPPLIER: WESTSIDE BUILDING MATERIAL CORP.

The Russell and Quimby project consists of two four-story, wood-framed structures with 228 residential apartments and 10,000 square feet of ground-floor retail space. The project took approximately six months to complete, starting in July 2016 and running through January 2017. The 168,000-square foot Russell has 158 units with ground-level retail spaces and a main residential lobby. The 78,000-square foot Quimby offers 70 units over a below-grade garage, with ground-level retail spaces facing the Bay Meadows Town Square and a main residential lobby along Landing Green Park.

The Russell offers a vibrant hotel-like setting focused around an expansive, landscaped courtyard designed for social gatherings and play, which includes a pool, outdoor kitchen, several seating areas with fire pits, a yoga platform and a pétanque court. Interior amenities include a clubroom, fitness center and an extensive bike storage/workroom.

The exterior cladding consisted of a three-coat plaster system with Tyvek wrap and a drainage mat, and a high-quality acrylic fine sand finish. Located within a short walking distance from the Hillsdale Caltrain station, Bay Meadows Phase II is a massive mixed-use housing development in the San Francisco Bay Area and one of the single largest redevelopment sites remaining in the area. It is considered a model for sustainable, smart growth. California Drywall Co. performed all of the exterior framing, lath and plaster for the new, high-end residential buildings, performing the level of quality craftsmanship to earn the CEA for Residential/Lodging Exterior.

RESIDENTIAL/LODGING INTERIOR • SAN FRANCISCO PROPER HOTEL
RFJ MEISWINKEL COMPANY

ARCHITECT: HORNBERGER + WORSTELL
GENERAL CONTRACTOR: CAHILL CONTRACTORS
LOCATION: SAN FRANCISCO
MANUFACTURER: GEORGIA-PACIFIC GYPSUM
SUPPLIER: FOUNDATION BUILDING MATERIALS

Formerly known as The Renoir Hotel, the newly transformed San Francisco Proper Hotel is a vital component of the mid-Market Street area, at the intersection of the Theatre & Loft District and the historic Civic Center. The project was a historical renovation of the grand lobby in the existing building, with origins dating back to the early 1900s. As the city's newest boutique hospitality destination, the San Francisco Proper Hotel merges sophisticated historical architecture with great contemporary design. The building was completed in 1904 by local architect Albert Pissis and is now included on the National Register of Historic Places. Of the extensive work, the general manager stated, "Our historical team used old document fragments, building plans and field measurements to restore meaningful features meticulously. No expense was spared to clean the historic façade brick by brick and renovate the existing window frames to retain the unique look of the flatiron."

The project's renovation was started in February 2016. It took approximately 18 months to complete this historic building. One difficulty encountered was the lack of drawings available for the project, so much of the restoration was based on old photographs. In addition to the metal stud framing and drywall work, RFJ Meiswinkel repaired and replaced the ornamental plaster at the ceiling comers and columns. There was smooth veneer plaster on the higher ceilings and the walls were crafted to simulate a stone block look. Some of the unique characteristics were the corbels and the capitals. RFJ Meiswinkel had to refabricate broken pieces and build new molds. The level of finish on this project was plaster veneer and some Level 5 taping. San Francisco's mid-Market remained a gritty neighborhood during the renovation. The developers of the Proper Hotel took a gamble back in 2013 when they bought the old Renoir Hotel for a massive renovation. The project then survived a fire that broke out while it was under construction and set its opening back two years.

The 131-room hotel took five months to restore and finally debuted in June 2017 with amenities such as a rooftop lounge, a restaurant led by a James Beard-nominated chef and an array of in-room gadgets. One thing is evident the moment you step through the door — the San Francisco Proper Hotel is maximalism at its best, and the historic building has returned to its former glory. RFJ Meiswinkel is proud to have its efforts demonstrate CEA-quality craftsmanship and is very pleased with the finished product that their team delivered.

RETAIL EXTERIOR • SUN GARDEN SHOPPING CENTER
O'DONNELL PLASTERING, INC.

ARCHITECT: DEVCON
GENERAL CONTRACTOR: DEVCON
LOCATION: SAN JOSE
MANUFACTURER: SUPERIOR STUCCO
SUPPLIER: STUCCO SUPPLY

Sun Garden Center is a two-building second phase of a new retail shopping center in San Jose. It was built on a long-vacant lot in an up-and-coming neighborhood. The center is a boost to the residents who previously had few nearby shopping and dining options. O'Donnell Plastering, Inc.'s scope consisted of exterior scaffold, three coat plaster, lath, scratch and brown for brick veneer, and foam trims. The foam trim cornice is a custom element that was constructed to resemble a steel beam.

The work began in July 2017 and finished in October 2017. One of the special qualities of this project was a foam piece the contractor installed on the upper tower of the two buildings to replace a steel beam. It was a lath, scratch and brown exterior. The brown coat was made for a thin brick veneer and then the rest of the project was done with sand float finish. The cornice received a smooth finish to look like the steel beams. O'Donnell Plastering worked with the architectural team to assist with the final detailing. While not an overly ornate project, it is CEA-worthy because of the craftsmanship that went into the construction of the building.

RETAIL INTERIOR • SFO POLARIS CLUB
SWINERTON BUILDERS

ARCHITECT: SOLOMON CORDWELL & BUENZE

GENERAL CONTRACTOR: BUILD GROUP, INC.

LOCATION: SAN FRANCISCO

MANUFACTURER: UNITED STATES GYPSUM CORPORATION

SUPPLIER: FOUNDATION BUILDING SUPPLY

The Polaris Club project is a high-end, two-floor tenant improvement with extensive ceiling work for the United Airlines Business and First-Class customers. The project started in November 2016 and lasted for 13 months due to the phasing, ending in December 2017. This project presented its challenges due to the overhead MEP remaining fully operational in the construction area while Swinerton Builders accessed the deck above for the extensive ceiling supports. Situated in Boarding Area G of the airport, construction employees and material had to pass through the airport operations area or customs area to access the project. Work was conducted around the clock due to the phasing, while also halting work for tenants to move from areas where the construction was extended and demoed.

A distinctive feature of the project was the open floor plan, which included a multi-level ceiling system with various light coves, radius and sharp angle effects. The finishes consisted of a great deal of stone and tile, resulting in a stringent or greater than industry standard tolerance. Swinerton Self Perform used GFRG for most of the radius curves, along with milled drywall to maintain clean, consistent corners and angles. The result was an interior structure with many light-filled areas. Level 5 finishes were used throughout the ceilings and walls due to ambient light from the adjacent linear window system, high-end finishes, wall coverings and accents paints.

Regarding first impressions of the completed project, one San Francisco Chronicle reporter said that the "big, bright and beautiful lounge now sets the bar for airport lounges at SFO and elsewhere. If you are a regular guest at the drab United Club that was formerly housed here, prepare yourself for a drastic transformation!" The SFO Polaris Club is now established as the template for all future Polaris projects, including the new Polaris Club awarded to Swinerton at LAX Airport. The SFO Polaris Club earned the CEA for fulfilling three challenges: meeting a demanding schedule, executing significant changes during the process and ultimately creating a very high-end finish.

COMMERCIAL EXTERIOR • CENTRAL & WOLFE CAMPUS
ANNING-JOHNSON COMPANY

ARCHITECT: KSH ARCHITECTS

GENERAL CONTRACTOR: LEVEL 10 CONSTRUCTION

LOCATION: SUNNYVALE

MANUFACTURER: RADIUS TRACK CORPORATION

SUPPLIER: FOUNDATION BUILDING MATERIALS

The project began in August 2016 and the last penthouse wall was completed in September 2017. Under a compressed design-build contract, Anning-Johnson delivered the compound curved framing out to the plaster finish. The work included three primary segments: 1) curved ceilings below the fourth-floor bridges, 2) perimeter walls around each building's central courtyard at penthouse level, and 3) circular walls, each 724-feet in length, undulating in height, that surround the penthouses on top of the three buildings.

The original material designed for the ceiling at the underside of the fourth-floor bridges was a metal panel system. During the design phase, Anning-Johnson worked with the general contractor to value engineer the system and change it to a smooth finish, three-coat plaster. They provided interior courtyard and perimeter plaster walls at each of the three penthouses. The courtyard walls had the scaffolding starting at the level three courtyard to provide access for the level seven work. The 724-foot round wall screening the perimeter of each penthouse varies in height from 17 feet to 26 feet tall. Anning-Johnson provided framing to receive a metal panel support system that penetrated plaster finish of each wall in 360 locations. Flashing details at each of the penetrations were carefully coordinated between the company and the other subcontractors to ensure the waterproofing was installed per the project specification.

The underside of the fourth-floor bridges connected all the buildings, with a curved, wavy plaster soffit. Infill framing was required between the structural steel members; the structural steel was holding up the exterior metal panel system. Anning-Johnson used a three-coat plaster over metal lath. The finish achieved was a smooth trowel finish on the underside of the bridge soffit, and it was a 20-mesh sand finish on all the other plaster walls. Anning-Johnson's dedication, expertise and hard work helped create the structure called "a talent magnet," meant to attract and retain the best and brightest in the heart of Silicon Valley.

COMMERCIAL INTERIOR • AIRBNB SAN FRANCISCO
CALIFORNIA DRYWALL CO.

ARCHITECT: WRNS STUDIO
GENERAL CONTRACTOR: NOVO CONSTRUCTION
LOCATION: SAN FRANCISCO
MANUFACTURER: NATIONAL GYPSUM CO.
SUPPLIER: FOUNDATION BUILDING MATERIALS

Airbnb's new 150,000-square-foot, four-floor office at 999 Brannan forms part of Airbnb's U.S. Headquarters alongside 888 Brannan. The goal of this project was not to reinvent but to reveal the essential qualities of the building by emphasizing and articulating its core framework.

999 Brannan's design reflects the Airbnb "Belong Anywhere" ethos by incorporating elements of its global community into the new office spaces. Each floor's "look" was influenced by a different city: Buenos Aires, Kyoto, Jaipur and Amsterdam, with each floor's cafe reflecting the colors, patterns and materials of the assigned city and its local culture. The project was a 150,000-square-foot fourth floor TI in San Francisco consisting of meeting spaces, cafes and private duck-ins for employees and visitors to experience the Airbnb culture. The work began in September 2016, and the framing and drywall scope was completed by April 2017.

The design elements were a significant issue, along with the finishes attached to the wall. The finishes required wall-backing and studs for proper connections, along with marrying the existing building elements and slab openings while the radius of those slab openings had to match up with the design. There were numerous radius walls and castle walls with exceptional finishes, along with a real boat hanging off the fourth floor. Felt wall coverings and graphics were applied to a number of the Airbnb spaces, as well as specialty cork, which relied on not just the level 4 finish but the great construction behind it as well. The existing building was stripped down to remove every non-structural element behind a curved wall made of glass cubes, which wraps around the exterior. Inside, a broad and open space was designed to meet the employees on the ground floor, creating a welcoming ambiance. A large spiral staircase circles an atrium, which permits plenty of natural light to reach the white walls and a polished concrete floor. Primary workspaces are divided into 16 neighborhoods with identical components, up to 50 people each. California Drywall Co.'s efforts ensured all of the diverse wall and ceiling elements had the consistently high quality required to earn a CEA.

INSTITUTIONAL EXTERIOR • SCU CHARNEY HALL
O'DONNELL PLASTERING, INC.

ARCHITECT: SCB ARCHITECTS
GENERAL CONTRACTOR: DEVCON
LOCATION: SANTA CLARA
MANUFACTURER: BMI PRODUCTS
SUPPLIER: AMS DBA ALLIED BUILDING PRODUCTS, STUCCO SUPPLY

Howard S. and Alida S. Charney Hall is the new home of the Santa Clara University School of Law. Weaving together collaboration, research, instructional and student support space, Charney Hall is an educational forum where dialogue and exchange of ideas are encouraged. O'Donnell Plastering, Inc. integrated a Vapor Shield self-adhesive weather-resistive barrier, drain mat, and traditional lath and plaster system. The upgraded WRB and drainage system was built into the project by O'Donnell Plastering, which required a concentrated effort with the design team and GC. The work began in July 2017 and ended in November 2017, off and on for about five months.

The three-story, 97,000-square-foot facility houses the university's numerous academic law programs. The two-story lobby/circulation area facilitates visual connections throughout the building, while the third-floor roof terrace offers views of campus and the surrounding area. The building's design emphasizes transparency and inclusion, and incorporates sustainable strategies to create a low-impact, environmentally conscious building aligned with Jesuit ideals.

Charney Hall includes a 230-seat lecture hall that can be divided into two 115-seat lecture halls as well as several different mock court layouts. The building features a 1,700-square-foot TEAL (Technology Enabled Active Learning) collaborative learning classroom, with study spaces and 53 faculty and administrative offices. A challenge faced was that there was no wall assembly available with the original wall details material sequencing. To resolve the problem, the company worked with one of the materials suppliers, who obtained their own engineering judgment to keep the wall in compliance and keep the job moving forward. Three different finishes completed the project: a lath, scratch and brown for exterior stone, and smooth sand float stucco finishes over a traditional scratch and brown coat. This project earned the CEA for its very clean-looking structure visible from the first moment visitors enter the campus, with a great deal of work done by many trades.

INSTITUTIONAL INTERIOR • STANFORD UNIVERSITY HOOVER INSTITUTION
CALIFORNIA DRYWALL CO.

ARCHITECT: WILLIAM RAWN ASSOCIATES ARCHITECTS, INC. AND ASSOCIATE ARCHITECT CODY ANDERSON, WASNEY ARCHITECTS

GENERAL CONTRACTOR: HATHAWAY DINWIDDIE

LOCATION: STANFORD

MANUFACTURER: NATIONAL GYPSUM CO.

SUPPLIER: WESTSIDE BUILDING MATERIAL CORP.

Over the last several decades, the Hoover Institution has experienced significant growth in size, scope and influence. As a result, the institution required additional space to house its scholars and administrators, and to convene policy conferences and workshops.

The project was a 55,000-square-foot space for offices, a meeting center with a 400-seat auditorium and a multi-purpose dining room. The project started with pre-construction activities in July 2016 and completed around February 2017. Framing and drywall had to frame copious amounts of glass. The ceilings in the auditorium and multi-purpose areas were specialty ceilings, requiring months of procurement and pre-construction. The typical interior finish was a level 4 on the walls, soffits and ceilings. Most of the walls were covered up by wood cladding, while the office space featured more paint and wall coverings. All the layers of work came together to create a great product as a result.

The new building had a complex set of design criteria and a very tight delivery schedule. The acoustically-critical Hauck Auditorium features custom-built, large format, micro-perforated, curved wood ceiling panels and micro-perforated wall panels that create a unique design, enhance the auditorium's acoustic properties and allow visitors — wherever they are seated — to hear comfortably and efficiently.

Additional custom ceiling and acoustical wall panel solutions are featured throughout the building, including:

- A wood baffle ceiling that appears to float without support.
- Walnut micro-perforated acoustical wall paneling.
- A compound sloping wood baffle ceiling that starts at 20 feet and slopes to 25 feet.
- Wood grill ceilings integrated with projectors that can be descended for use.
- Custom fabric wall panels in conference rooms.

The project executive for California Drywall Co. said, "Our team worked very hard with the project architects, general contractors, and product manufacturers to ensure these complex jobs were completed with accuracy, precision, and beauty. Both clients are pleased with the result, and we could not be happier to be recognized for our involvement in these fantastic projects."

HISTORICAL RESTORATION EXTERIOR • PENINSULA GOLF & COUNTRY CLUB
O'DONNELL PLASTERING, INC.

ARCHITECT: KSH ARCHITECTS

GENERAL CONTRACTOR: VANCE BROWN

LOCATION: SAN MATEO

MANUFACTURER: BMI PRODUCTS

SUPPLIER: AMS DBA ALLIED BUILDING PRODUCTS, PACIFIC FOAM

The Peninsula Golf & Country Club (PGCC) is a traditional, private, full-service social club and golf course. This project was an expansion and remodel of the existing Peninsula Golf & Country Club house facility originally built in 1913.

A great deal of history exists at the PGCC, as the club survived World War II with the decline of most of its membership during the war, as well as the 1989 earthquake and overdue need for structural renovations. Most of the original 1922 Donald Ross designs were also restored on the course, maintaining the PCGG's status as the only Donald Ross course on the West Coast. The section to be renovated was a Tudor-style building with embedded wood trim. O'Donnell Plastering, Inc. restored the exterior walls with a three-coat lath and plaster and a dash finish, and for the exterior corridor walls used a direct-applied finish. A particularly interesting element was the use of foam trims to mimic the Tudor-style wood trims on existing walls. Templates were taken of the original corbels, sills, belly-bands and battens, then recreated with smooth coated foam for the addition. O'Donnell Plastering's work began in November 2016 and finished in March 2017, about a four-month duration. With the original building having been built in 1913, problems arose tying the new walls to the existing walls regarding a proper tie-in with the paper, as the existing paper was either in bad shape or wasn't there at all. The finish on the project was machine dash with a smooth yet wood-grain texture on the foam trim.

The Clubhouse reopened in May 2017, just a few months from its first opening 102 years before. O'Donnell Plastering, Inc. is proud to have assisted the Peninsula Golf & Country Club in reopening this historic building. A tremendous amount of detailing, patience and coordination helped earn this project the CEA for Historical Restoration Exterior.

HISTORICAL RESTORATION INTERIOR • 350 BUSH
PATRICK J. RUANE, INC.

ARCHITECT: HELLER & MANUS – JEFFREY HELLER, ERIC LUNDQUIST, LES YOUNG

GENERAL CONTRACTOR: HATHAWAY DINWIDDIE

HISTORICAL PRESERVATION ARCHITECT: PAGE & TURNBULL – ELISA SKAGGS, JASON WRIGHT & JAY TURNBULL

LOCATION: SAN FRANCISCO

MANUFACTURER: CEMCO STEEL, CLARK DIETRICH BUILDING SYSTEMS, NATIONAL GYPSUM, USG, CHEMSTAR, CERTAINTEED GYPSUM, PACIFIC FIBER & ROPE, LARSEN & BASF

SUPPLIER: FOUNDATION BUILDING MATERIALS, SUNBELT RENTALS

When the senior project manager/estimator of Patrick J. Ruane, Inc. first saw the building four years ago, rain was coming in through the skylights. The ceiling was coffered or suspended, and all the historic fabric had to be removed piece by piece to be repaired or rebuilt in-house in South San Francisco. The entire interior had to be recreated after the new foundation and new roof were set into place: the framing of the ceiling, the framing of the walls, all back into the same exact place and space where the existing walls were, along with all the tablature. The project consisted of about 7,000 linear feet of cast plaster restoration, about 20,000 square feet of new design-build framing supports and about 10,000 square feet of attendant finishes, veneer plaster and ornamental plaster. Patrick J. Ruane, Inc. also removed 20 huge rosettes for restoration purposes and reinstalled them afterward.

A difficulty of the project was how to engineer the ceiling back up — and keep it up. Modern ceiling construction requires everything to have a mechanical attachment: wires, screws, hooks. Patrick J. Ruane, Inc. had to figure out a way to hang the vast ceiling off the new framing elements. Once surmounted, the plasterers did their repairs and the painters went through with a spray gun covering the surface in a base coat of ocher. Finally, conservationist Beate Brühl, "the Michelangelo of preservation," hand-painted the entire 45-foot-high, restored ceiling.

One project representative said of the completed work, "It's nice to have a building that's now the way it was originally designed to show people the craftsmanship and the detail that went into these buildings. It looks like it did when they opened the building in 1923 — it's like a gem."

EIFS • EMERYVILLE MARKETPLACE BLOCK B
DALEY'S DRYWALL & TAPING, INC.

ARCHITECT: MCG/HART HOWERTON

GENERAL CONTRACTOR: PLANT CONSTRUCTION

LOCATION: EMERYVILLE

MANUFACTURER: DRYVIT SYSTEMS, INC.

SUPPLIER: L&W SUPPLY DBA CALPLY

Emeryville Market Place is a lively 11-acre, mixed-use project that first saw construction in the late 1980s. Block B is a retail/restaurant building with a parking structure enveloping the entire building. The area previously housed the large Pabco Manufacturing Plant, making roofing and fiberboard products and various paint facilities.

To perform the infrastructure and street work, a temporary bypass-road was constructed to re-route traffic around the site. The layout creates rentable space and disguises the parking structure inside an emerging new neighborhood. Located between Interstate 80 and Shellmound Street, this newly built neighborhood has close connections to BART, AC Transit and AMTRAK. The exterior colors and textures are intended to remind the passerby of an earlier era when Emeryville was home to manufacturing, agriculture food processing and rail lines. The architect used the easy-to-shape aspects of the Dryvit Outsulation Plus MD system to craft an exterior that is both nostalgic and modern at the same time. Under the watchful eye and professional experience of Daley's Drywall Plastering Division, Block B is a cutting-edge building and urban infill destination that harkens back to the industrial and warehouse architecture that once populated Emeryville in the early 20th century.

The project began in April 2017 and ended in October 2017. The unique designs of the shopping center both made it a special project and presented challenges, such as the radius wall shape at the entrance of the building. First the metal studs were placed, then the den glass was added, followed by water-proofing all the openings with aqua flush liquid and netting. Afterward, a coat of box stop was used on all the den glass, with everything covered with netting and box stop to apply the foam shape. For the smooth finish, EIFS foam covered with premium cement was chosen. The Daley's Drywall & Taping, Inc. team is proud of all the hard work done to create this CEA winning project.

GREEN BUILDING • UNIVERSITY OF CALIFORNIA, BERKELEY CHOU HALL
CALIFORNIA DRYWALL CO.

ARCHITECT: PERKINS + WILL

GENERAL CONTRACTOR: VANCE BROWN BUILDERS

LOCATION: BERKELEY

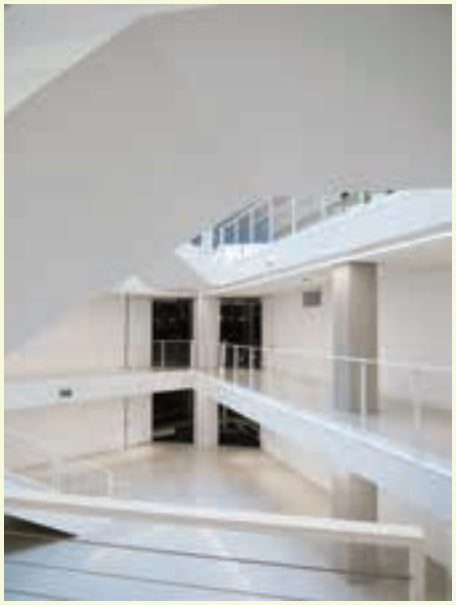
MANUFACTURER: NATIONAL GYPSUM CO.

SUPPLIER: FOUNDATION BUILDING MATERIALS

A $60 million, six-story, 80,000-square-foot structure, Connie & Kevin Chou Hall is devoted entirely to student learning and interaction. Located at the northern edge of the Haas campus at UC Berkeley, its bold design complements the three existing Berkeley Haas buildings while providing cutting-edge facilities with a 300-seat event space to accommodate future advancements in management education. The building includes four flexible-use spaces for experiential learning, 28 study rooms and lounges with configurable seats. The Haas building extension project consisted of classrooms, café and office rooms for staff.

Work began in June 2016 and took approximately one year to complete, ending around June 2017. The scope included exterior metal stud framing, as backing had to be provided for the rain screen system as well as in-wall backing for all the wood panels. In total, over a mile of backing was required for this project. Chou Hall has been designed to achieve certified LEED Platinum status in recognition of its environmentally conscious design, construction, operation and maintenance. As an example of this effort, the contractor had to locate products with the correct pre- and post-consumer recycled content, as well as sealants with low VOC levels. Thanks in part to the wall and ceiling efforts and expertise, Chou Hall is on track to earn WELL Certification and is working toward a zero-waste certification. The environmental effort, strict adherence to the quality control process, and design-build nature of the project earned California Drywall Co. the Green Building CEA for 2018.

CEILINGS • NVIDIA
J&J ACOUSTICS, INC.



ARCHITECT: GENSLER ARCHITECTS

GENERAL CONTRACTOR: DEVCON CONSTRUCTION

LOCATION: SANTA CLARA

MANUFACTURER: GEORGIA-PACIFIC GYPSUM

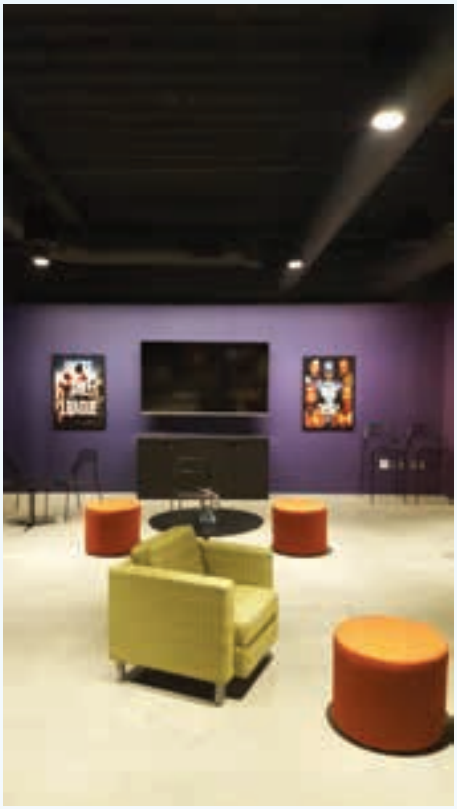
SUPPLIER: AMS DBA ALLIED BUILDING PRODUCTS

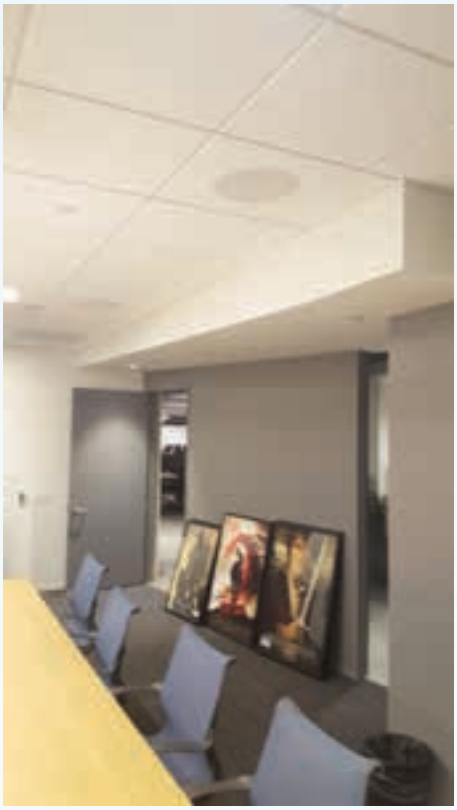
The 500,000-square-foot NVIDIA building houses 5,000 employees across three floors. The building consists primarily of open office cubicle space, two-dozen large conference rooms, approximately 70 meeting rooms to accommodate smaller groups and open space meeting areas throughout the expansive three floors. The space also features elaborate production volumes with intricate sloping drywall facades and sharp geometry. The building's unusual triangular design is meant to represent the fundamental building block of computer graphics. The roof contains 265 triangular skylights, with location and the total number of skylights designed to ensure employees had the desired amount of natural light. The project started in April 2016 and ran through October 2017, taking approximately a year and a half.

The NVIDIA project presented many challenges for all aspects of the wall and ceiling trade, including framing, drywall, taping, insulation and lath/plaster. J&J Acoustics, Inc. was contracted to design the framing scope of the work. The complex shapes created with drywall and metal stud framing had both a high degree of difficulty for construction and accuracy, as well as challenges in physically accessing the work. Special qualities of this project were the large production volume sloping ceilings, the multi-faceted ceilings within the part cladding of the superstructure, and the fullered ceilings. Level 5 finishes were used throughout.

J&J Acoustics, Inc. worked very closely with the construction team to find ways to access the work and keep other scheduled critical work activities flowing and on track at the same time. It was a collaborative effort to make the project a success for all. The company took a very active role in early troubleshooting and implementing design solutions to provide a high-level finish product to the client, helping to create an efficient and uplifting work environment poised to make its mark in the Silicon Valley landscape. J&J Acoustics, Inc. is proud of their team's accomplishments with this unprecedented project.

CEA PROJECTS OF THE YEAR





PROJECT OF THE YEAR – INTERIOR UNDER $500,000
SF GAMES • GIAMPOLINI CONTRACTORS

ARCHITECT: GENSLER ARCHITECTS

GENERAL CONTRACTOR: PRINCIPAL BUILDERS

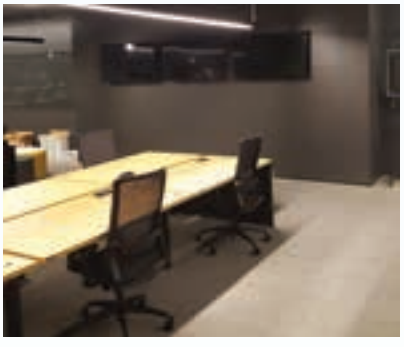
LOCATION: SAN FRANCISCO

MANUFACTURER: CLARKDIETRICH BUILDING SYSTEMS

SUPPLIER: FOUNDATION BUILDING MATERIALS

The construction was a 30,000-square-foot, full floor tenant interior project for a gaming company in San Francisco. Giampolini's work began in July 2017 and ended three months later. One of the distinctive characteristics of the project was how the contractor built the conference rooms around the perimeter of the space to make it feel like Gotham City. The contractor elected to work extensively with the architect utilizing the details necessary to build within the budget, including meeting with the firm early in the process to work the specifics out, such as defining and creating the Gotham City skyline.

The impression of Gotham City was recreated by using eyebrow soffits, angled bulkheads and pre-fab shapes. The finishes of the project were in dark colors and different shapes with level 5 used throughout. When the finished work is experienced in person, the simplicity and details of the craftsmanship are present; it is a striking space. The work was testing but also rewarding, according to Giampolini. The SF Games project is an outstanding example of the versatility and creative application of drywall in creating architectural and design effect, earning Giampolini Contractors the CEA Project of the Year – Interior Under $500,000 for 2018.



PROJECT OF THE YEAR – INTERIOR OVER $500,000
350 BUSH • PATRICK J. RUANE, INC.

ARCHITECT: HELLER & MANUS – JEFFREY HELLER, ERIC LUNDQUIST, LES YOUNG

GENERAL CONTRACTOR: HATHAWAY DINWIDDIE

HISTORICAL PRESERVATION ARCHITECT: PAGE & TURNBULL – ELISA SKAGGS, JASON WRIGHT & JAY TURNBULL

LOCATION: SAN FRANCISCO

MANUFACTURER: CEMCO STEEL, CLARK DIETRICH, NATIONAL GYPSUM, USG, CHEMSTAR, CERTAINTEED GYPSUM, PACIFIC FIBER & ROPE, LARSEN & BASF

SUPPLIER: FOUNDATION BUILDING MATERIALS, SUNBELT RENTALS

The Mining Exchange at 350 Bush St. was one of the first designs by famed architect Timothy Pflueger, in partnership with James Miller. Starting out as the San Francisco Stock Exchange, it became the Mining Exchange and then the Curb Exchange. The Curb Exchange gave way to the California Chamber of Commerce and Western Title Insurance before it closed in 1979. In 1980, the historic building was named city landmark No. 113.

The renovation project began in fall 2014 and lasted about 36 months, finishing in fall 2017. One of the contractor's difficult tasks was starting construction in a physical space that had little remaining from the original structure. When the senior project manager/estimator of Patrick J. Ruane, Inc. first saw the building four years ago, rain was coming in through the skylights. With only bare concrete floors and walls to work with, Patrick J. Ruane, Inc. had to recreate the cast-plaster elements in the same orientation that initially existed. Approximately 40-50 pages of as-built drawings and sketches had to be submitted by the company to the city for approval, as well as to historical architect Page & Turnbull.

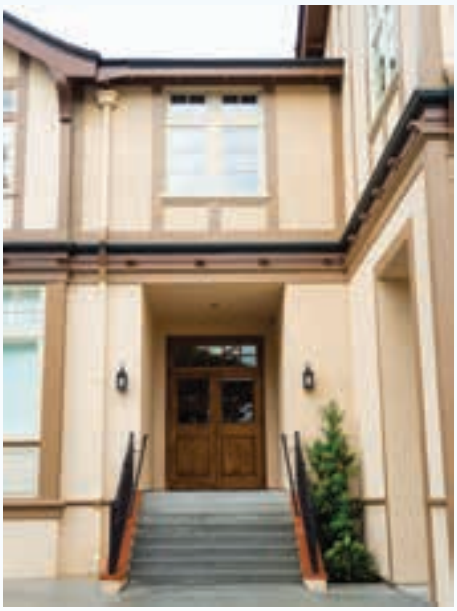
The ceiling was coffered or suspended, and all the historic fabric had to be removed piece by piece to be repaired or rebuilt in Ruane's shop in South San Francisco. The team had to climb scaffolding in single-file to a platform 45 feet up, and in single file they went to work on the decorative ceiling. Because the plaster rosettes were very fragile and not created to be taken down from the ceiling, one of the most difficult tasks of the project was the delicate process of removing the rosettes without damaging them. Patrick J. Ruane, Inc. used electric saws and vibrating cutting machines as part of the removal process. When it came time to evaluate what could be installed again, if sections were questionable or could break, a mold was made of the original and recast. Four of the rosettes had too much water damage because of the leaks in the roof, so the contractor installed four new pieces.

A considerable challenge was how to engineer the ceiling back up — and keep it up. Modern ceiling construction requires everything to have a mechanical attachment: wires, screws, hooks. In the past, construction workers would butter it up with the plaster materials and stick it. Patrick J. Ruane, Inc. had to figure out a way to hang the vast ceiling off the new framing elements. Once this task was surmounted, the plasterers did their repairs. Then the painters went through with a spray gun covering the surface in a base coat of ocher. Finally, conservationist Beate Brühl, "the Michelangelo of preservation," painted the historic 45-foot-high ceiling. Brühl used a fine-tipped brush no wider than a pencil, detailing and accenting 20 large red and green rosettes. The hand-painted areas alone took four months to complete. To connect the rosettes and paint the lacy detail onto the plaster, the stencils were cut out by hand the way it was done 90 years ago.

After 38 years in the dark, the Mining Exchange reopened in fall 2017. A condition of the construction permit is that the Exchange Hall be returned to its glory and become public space during business hours so anyone can come in and look up to the painted ceiling — all 3,600 square feet. One representative said of the completed historical project, "It's nice to have a building that's now the way it was originally designed to show people the craftsmanship and the detail that went into these buildings. It looks like it did when they opened the building — it's like a gem." The detail and skillful art of this historical restoration earned Patrick J. Ruane, Inc. the Project of the Year – Interior Over $500,000 CEA.

PROJECT OF THE YEAR – EXTERIOR UNDER $500,000

PENINSULA GOLF & COUNTRY CLUB • O'DONNELL PLASTERING, INC.



ARCHITECT: KSH ARCHITECTS

GENERAL CONTRACTOR: VANCE BROWN BUILDERS

LOCATION: SAN MATEO

MANUFACTURER: BMI PRODUCTS

SUPPLIER: AMS DBA ALLIED BUILDING PRODUCTS, PACIFIC FOAM

The Peninsula Golf & Country Club (PGCC) was founded as The Beresford Country Club on December 7, 1911 with the original golf course designed by noted architect Thomas Bendelow and constructed by E.C. Lydon. It is a traditional, private social club dedicated to providing members exceptional social and recreational programs/services in a cost-effective and businesslike manner, and a premier country club for generations of families in the Peninsula area. This project was an expansion and remodel of the existing Peninsula Golf & Country Club house facility first built in 1913. A great deal of history exists at the PGCC, as the club survived World War II with the decline of most of its membership during the war, as well as the 1989 earthquake and overdue need for structural renovations. Most of the original 1922 Donald Ross designs were also restored on the course, maintaining the PGCC's status as the only Donald Ross course on the West Coast.

The most recent facility renovations were extensive. They included a new pool, locker rooms, three new restaurants and a new wellness facility with a classroom. O'Donnell Plastering, Inc. restored the exterior walls with a three-coat lath and plaster and dash finish, using a direct-applied finish for the corridor walls. A creative part of this project was the use of foam trims to mimic the Tudor-style wood trims on existing walls. Templates were taken of the original corbels, sills, belly-bands and battens, then recreated with smooth coated foam for the addition. For the contractor, taking the templates, laying out the trim and installing it seamlessly so that it looked like wood and not foam trim was a tremendous undertaking.

The Clubhouse reopened in May 2017, just a few months from its first opening 102 years before. PGCC is proudly recognized as a Distinguished Emerald Club of the World, an award based on an inspection and evaluation by the industry trade journal *BoardRoom magazine* and achieved by only 5 percent of the finest private clubs in the world. O'Donnell Plastering, Inc. is proud of the work they accomplished in helping to construct the Peninsula Golf & Country Club, and in achieving this renown status, along with the CEA for Project of the Year – Exterior Under $500,000.

PROJECT OF THE YEAR – EXTERIOR OVER $500,000
CENTRAL & WOLFE CAMPUS • ANNING-JOHNSON COMPANY

ARCHITECT: KSH ARCHITECTS

GENERAL CONTRACTOR: LEVEL 10 CONSTRUCTION

LOCATION: SUNNYVALE

MANUFACTURER: RADIUS TRACK CORPORATION

SUPPLIER: FOUNDATION BUILDING MATERIALS

Described by *Silicon Valley Business News* as "a curvaceous 777,000 SF project … like nothing else ever attempted in Silicon Valley," this speaks to the complexity of design and quality of work performed at the Central & Wolfe Campus. The project consisted of three connected buildings. It had 750,000 square feet of office space above 445,000 square feet of parking, with a mechanical penthouse on top of each building. The project began in August 2016 with the last penthouse wall completed in September 2017.

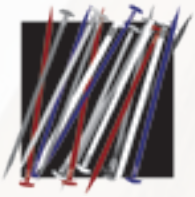
The original material designed for the ceiling at the underside of the fourth-floor bridges was a metal panel system. During the design phase, the Anning-Johnson team worked with the general contractor to value engineer this system and changed it to a smooth finish, three-coat plaster. To accomplish this, the team built a full-size mock-up in their yard showing the smooth plaster finish along with how the reveals were to look to give the same appearance as a metal panel system. This mockup was reviewed and inspected by the owner, architect and general contractor before ultimately being accepted.

Anning-Johnson worked with the structural engineer to design and locate embeds at the underside of the fourth-floor slab to structurally attach the bridge framing to the building. A working fourth-floor concrete plan was determined through a series of meetings orchestrated by the GC using electronic overlays of each subcontractor's required members, PT tendons, rebar, conduits and embeds. Months before the contractor mobilized for framing installation, a small crew placed their required embeds onto the concrete formwork that would create each of the fourth-floor bridges. In this same timeframe, the Anning-Johnson team hired Radius Track Corporation to design, layout and fabricate the framing needed to deliver the complex geometric design for the underside of each bridge. Outsourcing the compound curved framing design and fabrication to Radius Track allowed that work to progress parallel to Anning-Johnson site mobilization, scaffold erection and penthouse preparation.

At the underside of each bridge, Anning-Johnson's subcontractor installed a 30-foot tall, 6,600-square-foot scaffolded dance floor to provide access and lay down space for their installation team. An expansion joint at the center of each bridge divided the framing. The pre-curved Radius Track framing arrived at the site with detailed installation instructions that enabled the contractor's install team to expedite their work. Anning-Johnson installed the first bridge half, identified efficiencies to use on the next three halves and communicated this information back to Radius Track for framing fabrication. Successive installation work progressed with greater efficiency through constant communication.

Anning-Johnson provided interior courtyard and perimeter plaster walls at each of the three penthouses. The courtyard walls had the scaffolding starting at the level three courtyard to provide access for the level seven work. The perimeter of each penthouse was screened by a 724-foot round wall that varied in height from 17 feet to 26 feet tall. The company provided framing to receive a metal panel support system that penetrated plaster finish of each wall in 360 locations. Flashing details at each of the penetrations were carefully coordinated between Anning-Johnson and the other subcontractors to ensure the waterproofing was installed per the project specification.

Anning-Johnson met the compressed project schedule and delivered the complex geometric design intent through a combination of proactive planning, strategic outsourcing, communication feedback loops and skilled teams working concurrently in multiple areas of the project. The framing and plasterwork delivered according to the design intent under the design-build contract with a compressed schedule demonstrates Anning-Johnson's excellence in construction. Because of this complexity of design and process as well as the quality of work, Anning-Johnson was awarded the CEA for Project of the Year – Exterior Over $500,000.



CONTRACTORS, DO YOU KNOW THAT CTCNC OFFERS *FREE* ONSITE JOB SITE TRAININGS?

The Carpenters Training Committee for Northern California offers a variety of Professional, Safety and Skills Training (such as FA/CPR, Fall Protection, Scaffold User, Fork lift, Aerial Lift, OSHA, ICRA) to UBC contractor members at no cost to union contractors. Trainings are also available at job site and/or contractors company shops. You must call to schedule and coordinate onsite trainings ahead of time. There are some requirements for onsite trainings.

To schedule a training or for more information, contact Raul Poblete, director of training services for CTCNC, at (925) 250-9271 or rpoblete@ctcnc.org.

A list of offered classes and full training class details can be found online at https://journeyman.ctcnc.org/ClassDescription/ClassList

Journeylevel Training – Course List

Acoustical Ceilings
Aerial Lift Qualification
American Red Cross/Bloodborne Pathogens
Armstrong Acoustical
BIM Concepts
Bluebeam – Introduction
Bluebeam – Plan Reading
Blueprint Reading – Commercial
Blueprint Reading – Residential
Bridge Building/Certification
Bridge Falsework
Casework Install
Commercial Concrete Forms
Commercial Concrete Forms – Ellis Shore Decking
Commercial Concrete Forms – Pro-Shore Deck System
Commercial Concrete Forms – Symons Wall System
Commercial Door Hardware
Concrete Formwork/Certification
Confined Space Worker
Construction Calculator
Construction Math and Introduction to Working Drawings
Drywall/Blueprint Reading/Advanced
Drywall/Blueprint Reading/Beginning
Drywall/Suspended Ceilings and Soffits
Fall Protection
Fire Stop Installation
First Aid/CPR (American Red Cross)
First Aid/CPR/Train the Trainer
Fork Lift Safety/Industrial
Fork Lift Safety/Rough Terrain
Green Building Awareness
Harassment and Discrimination in the Workplace
Heat Illness Prevention
ICRA Best Practices in Health-Care Construction
Introduction to Rigging
Journey Level Attending Apprenticeship
Layout Instruments – Standard
Layout Instruments – Total Station
Lead Awareness
Leadership Training Program
Lockout Tagout Procedures
Millwright Blueprint Reading and Layout
Millwright/16-hour Safety Program
Millwright/Construction Math
Millwright/Flowserve Pump Repair Technician/1
Millwright/GE Gas Turbine Qualification
Millwright/Human Performance
Millwright/Hytorc Bolting Technician/trainer
Millwright/Hytorc Qualification and GE Turbine Familiarization
Millwright/Machinery Alignment Test
Millwright/Precision Tools
Millwright/Welding
Millwright/Welding/TIG
OSCA Principles of Petroleum Refining
OSCA Safety as it Pertains to Crafts
OSHA 10-hour Const Safety Awareness
OSHA 30-hour Construction
Safety Supervisor Training
Pile Driving Hammers
Piledriver/Diver Tending
Rigging Awareness
Rigging/Certification
Rigging/Refresher/Certification
Roofs
Scaffold Erector/Refresher
Scaffold Erector/Standard/40-hour (WFMT/SYS/TC)
Scaffold Erector/System Scaffold
Scaffold Erector/Tube and Clamp Scaffold
Scaffold Erector/Welded Frame Rolling Tower
Scaffold User Safety
Signage
Silica Awareness
Solid Surface Material Installation/Certification
Stairs
Steel Framing

Trainings can be scheduled for contractor members at any of the local training facilities or union halls.

For a list of locations go to www.ctcnc.org/apprenticeship.html and www.nccrc.org/local-unions.html

District offices training locations are in Fairfield, Hayward, Morgan Hill, Pleasanton and Fresno.

Join Us Saturday, December 8, 2018

WHIMSICAL HOLIDAY PARTY

6:30 P.M. – COCKTAIL RECEPTION, GRAND BALLROOM
7:30 P.M. – DINNER AND DANCING TO FOLLOW

Fairmont San Francisco Hotel, Grand Ballroom
950 MASON STREET, SAN FRANCISCO, CA 94108

Special room rate of $319 per night. To book your room call the Hotel at (415) 772-5000 and ask for the Wall And Ceiling Alliance rate.

$150 PER PERSON
10 SEATS PER TABLE – TWO TABLES MAXIMUM PER ENTITY/COMPANY

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WWW.WALLANDCEILINGALLIANCE.ORG
REGISTRATION WILL CLOSE NOVEMBER 30 OR WHEN SOLD OUT

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$3,500	*$2,500*	*$1,500*	*$1,000*	*$500*
Includes a table of 10 tickets, and logo placement on WACA's homepage, throughout event, and in *The Quarterly* magazine and e-newsletter	Includes 10 tickets, logo throughout event, and name in *The Quarterly* magazine and e-newsletter	Includes 6 tickets, logo throughout event, and name in *The Quarterly* magazine and e-newsletter	Includes 4 tickets, logo at event, and name in e-newsletter	Includes 2 tickets, logo at event, and name in e-newsletter

Event questions? Email Julie Dunaway at julie@wallandceiling.org

WCB & QUIKRETE® Team Up for an Onsite, Hands-On Workshop

WCB hosted the QUIKRETE® workshop June 21 with company representatives Kevin Fisher, Wall Systems Sales Representative for Northern California and Eastern Nevada, and Dale Nehls, Western Regional Manager. The presenters focused on the QUIKRETE® Lightweight Fiberglass Reinforced Stucco (FRS) Portland cement-based plaster.

QUIKRETE® Lightweight FRS is a Portland cement-based plaster blended with recycled, coated, expanded polystyrene beads; uniformly graded sand; and alkali-resistant glass fibers. It is considered the industry's lightest, most sustainable stucco and a game-changing product, ideal for expediting any residential, commercial or industrial stucco project and helping contractor companies maximize jobsite productivity and profitability. Recently granted IAPMO's Uniform Evaluation Service Evaluation Report ER-0455, QUIKRETE® Lightweight FRS is 35 percent lighter than traditional pre-blended stuccos, making it easier and faster to transport, stage, mix, pump, place and finish. The product contributes to U.S. Green Building Council LEED credits.

The workshop reviewed the new one-hour, fire-rated, blended stucco with presenters demonstrating two products, Stucco Base Pump Grade with Fibers and Lightweight Stucco. Presenters reviewed the benefits

of Lightweight stucco, including ease of application, flexibility and less cracking. At the WACA building in Pleasanton where the workshop was held, attendees had a chance to spray and apply the products themselves, making this demo a truly hands-on learning experience.

If you have suggestions for future workshops, contact Ben Duterte, technical director, at ben@wcbureau.org and (408) 500-2309, or Mike Nonn, technical advisor, at mike@wcbureau.org and (925) 337-9706.

For more information about these QUIKRETE® products, contact Chad Corley at The QUIKRETE® Companies at ccorley@quikrete.com and (404) 634-9100.

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"SCAFCO's Perfect Curve products saved us a huge amount of time as well as drastically cut our labor costs.
We called and specified the radius and the materials were perfectly accurate. It was easy to apply, with our finished round soffits totally free of flat spots. You could try to make it yourself but you'll waste your time – and a lot of energy."

Cameron Klocow
Supervisor, Morse Drywall & Construction
Whitefish, Montana

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2019 CONSTRUCTION EXCELLENCE AWARDS

Deadline for Entries: Friday, January 25, 2019

Projects must have been completed in the 12 months prior to January 2019

The Construction Excellence Awards (CEA) are an exclusive competition that recognizes outstanding work and craftsmanship in the wall and ceiling industry. Only WACA contractor member projects are eligible to enter this select competition. Online project application forms can be submitted by both associate and contractor WACA members.

WHY PARTICIPATE

- ★ **Winning projects are recognized at one of the biggest wall and ceiling award shows in our industry.**
- ★ **This is an opportunity to recognize key employees, business partners, architects and general contractors.**
- ★ **Companies and winning projects will be highlighted in industry publications.**
- ★ **Professional videos will be available to showcase winning projects for marketing purposes.**
- ★ **Winning projects will be featured on WACA's website.**
- ★ **Winning projects will be featured in *The Quarterly* magazine.**

HOW TO ENTER:
Online application and digital photo upload on WACA's website, www.wallandceilingalliance.org

CEA PROJECT CATEGORIES

- Residential / Lodging Exterior and Interior
- Retail Exterior and Interior
- Commercial Exterior and Interior
- Institutional Exterior and Interior
- Historical Restoration Exterior and Interior
- EIFS
- Green Building
- Ceilings
- Project of the Year – Exterior Under $500,000
- Project of the Year – Interior Under $500,000
- Project of the Year – Exterior Over $500,000
- Project of the Year – Interior Over $500,000

EXCELLENCE IN SAFETY CATEGORIES

- Over 1 Million Annual Man Hours
- 500,000-1 Million Annual Man Hours
- 250,000-500,000 Annual Man Hours
- 125,000-250,000 Annual Man Hours
- Under 125,000 Annual Man Hours

THE *Art* OF BUILDING

QUESTIONS? Contact:
Mike Nonn, technical advisor, mike@wcbureau.org
Ben Duterte, technical director, ben@wcbureau.org

WACA WALL AND CEILING ALLIANCE

WCB

Photo Credit: Mariko Reed

SCAFFOLD SOLUTIONS INCORPORATED

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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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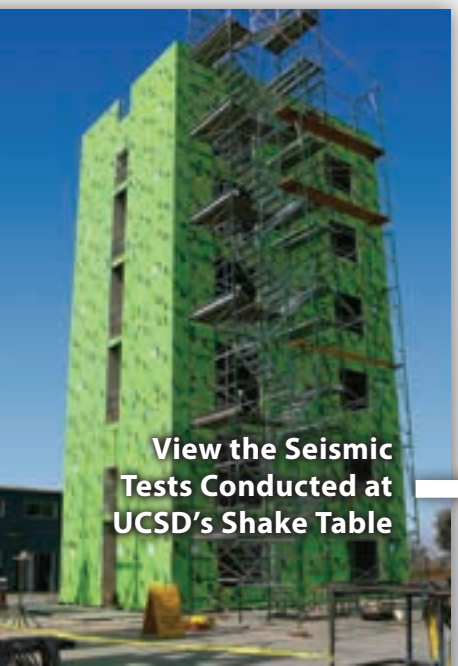

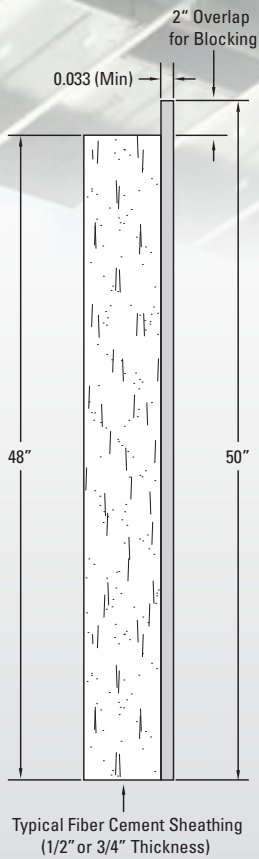

CEMCO® introduces our newest innovation, **Sure-Board® Series 200S-F (FLOOR & FLAT-ROOF) and Series 200S-P (PITCHED ROOF)** sheathing products. Series 200S-F/200S-P panels are available as follows:

Series 200S-F (FLOOR & FLAT-ROOF):

- Size: 3/4" x 48" x 48"
- Steel thickness: 33 mil

Series 200S-P (PITCHED ROOF):

- Size: 1/2" x 48"x 48"
- Steel thickness: 33 mil

Benefits of Sure-Board® Series 200S-F/200S-P floor and roof sheathing products include:

- Structural sheathing panels attachment to cold-formed steel framed floor/roof systems by screws.
- Full 2" steel overlap eliminating the need for horizontal blocking at joints.
- 48" x 48" panels require single installer.
- Less expensive to install than other non-combustible sheathing options.
- Meet or exceed 2006, 2009, 2012, & 2015 IBC and IRC requirements—IAPMO ER 185.
- Meet or exceed 2013/2016 California Building and California Residential Codes—IAPMO ER 185.
- DSA Approved IR A-5.
- UL Fire Test for 1 and 1-1/2-hour assembly-UL H503.
- Several sound tested assemblies each exceeding an STC of 50.

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2018

CALENDAR OF EVENTS

SEPTEMBER 5, 2018
GlassCon Global
Holiday Inn Chicago-Mart Plaza River North
Chicago, Illinois

SEPTEMBER 21, 2018
WACA Golf Tournament
Poppy Ridge Golf Course
Livermore, California

OCTOBER 3-5, 2018
CONSTRUCT Conference
Long Beach Convention and
Entertainment Center
Long Beach, California

OCTOBER 12-14, 2018
Women Build Nations Conference
Washington State Convention Center
Seattle, Washington

OCTOBER 14, 2018
CMAA National Conference & Trade Show
Aria Resort & Casino
Las Vegas, Nevada

OCTOBER 24-27, 2018
AGC Annual Conference 2018
Resort at Squaw Creek
Olympic Valley, California

NOVEMBER 6, 2018
FCIA Firestop Industry
Conference & Trade Show
Hyatt Regency Lost Pines Resort & Spa
Austin, Texas

NOVEMBER 7-9, 2018
Design-Build Institute of America
Conference and Expo
Ernest N. Morial Convention Center
New Orleans, Louisiana

NOVEMBER 14-16, 2018
GreenBuild International
Conference and Expo
McCormick Place
Chicago, Illinois

DECEMBER 8, 2018
WACA Holiday Party
The Fairmont Hotel
San Francisco, California

DECEMBER 10, 2018
Construction SuperConference
Encore
Las Vegas, Nevada

JANUARY 7-10, 2019
Building Innovation 2019
Conference & Expo
Mandarin Oriental Hotel
Washington, D.C.

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