



Summer 2022
Design Awards Edition



Profiles in Architecture



*Oceanside Beachfront Improvements
Tyson Street
Safdie Rabines Architects
Photo by Safdie Rabines Architects*



2022 Concrete Masonry Design Awards

Text includes excerpts from each architectural firm's description of the project and jury comments delivered by Jury Chairperson, Ben Kasdan, AIA, LEED® AP.



Why Masonry?
www.whymasonry.org

*Desert Palisades
Woods + Dangaran
Photo by Joe Fletcher*

ARCHITECT:
LPA Design Studios
5301 California Avenue, Suite 100
Irvine, CA 92617

Wendy Rogers, FAIA
CEO

STRUCTURAL ENGINEER:
Culp & Tanner
GENERAL CONTRACTOR:
CalPac Construction, Inc.
MASONRY CONTRACTOR:
Contractors Masonry
BLOCK PRODUCER:
Angelus Block Company, Inc.
OWNER:
City of Brea
PHOTOGRAPHY:
Cris Costea,
Costea Photography, Inc.

25 YEAR
AWARD

PUBLIC/CIVIC DESIGN

Brea Community Center

Brea, California



Jury Comments: *The fact that the Brea Community Center looks and operates the same way, or even better, than it did when it first opened proves the value and the longevity of its design. The precision of the concrete masonry unit details are critical to the design of the spaces, and the building has been well-used and well-loved for over 25 years.*

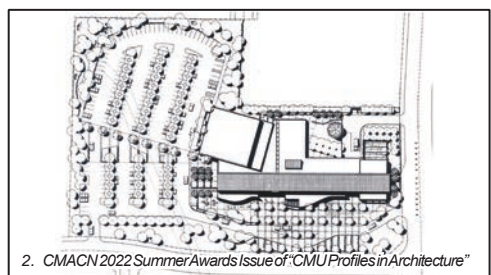


ARCHITECT'S COMMENTARY: The 50,000-square-foot Brea Community Center has been a resource for the community for over 25 years, providing many services for the residents of Brea, including After School Programs, Kid Care Solutions, Fitness Center, Summer Day Camp, Teen Zone, Preschool, Recreation Class, and Facility Rentals for Events.



WHY MASONRY?

The Brea Community Center demonstrates the long-term value proposition of concrete masonry units (CMUs) for public use facilities. The original CMUs are in excellent condition, as the recent color photography shows and looks almost the same as when the project was completed over 25-years ago. In addition to the low to zero maintenance properties of the CMUs that help keep operational cost low at the facility, the texture and patterning that can be achieved cost effectively with CMUs was one of the major reasons that they were originally selected by the design team. The running bond pattern of the CMUs use gray split face and smooth block, creating a strong linear pattern which gives scale and detail to this large facility. The patterning accents the street façade which also serves as the front door of the center, welcoming guests to the facility. The street façade is additionally accented by two curving CMU walls that highlight the center's public entry. The CMUs are exposed on the interior, displaying one of the inherent cost efficiencies of CMUs' two-sided properties. The two-story atrium serves as circulation for the entire project, where CMU columns are accented by the wood ceiling structure. The CMU columns extend outside to create an entry canopy from the primary parking lot. As the original photography (black and white) and current (color) photography demonstrates, the Brea Community Center's original design and creative use of CMUs has stood the test of time.



HONOR
AWARD

COMMERCIAL DESIGN

Soulmate

West Hollywood, California



ARCHITECT:
Kelly Architects
2404 Wilshire Boulevard, Suite 1E
Los Angeles, CA 90057

George W. Kelly, AIA
Principal-in-Charge

STRUCTURAL ENGINEER:
Risha Engineering
GENERAL CONTRACTOR:
BKB Enterprises, Inc.
MASONRY CONTRACTOR:
Ponce Masonry
BLOCK PRODUCER:
Angelus Block Company, Inc.
OWNER:
1st Avenue Enterprises, LLC
PHOTOGRAPHY:
Molly Hass - storefront photo
Hovig Kazanojian - inside
daytime photos
Wonho Frank Lee - night photo



Jury Comments: *Soulmate makes the most impact out of just a few thoughtful design choices. The juxtaposition of its materiality and filtered light creates a dynamic and layered experience that is delightful for users of that small space.*



ARCHITECT'S COMMENTARY: A gathering space for a chic, yet comfortable dining experience, Soulmate restaurant doors open to a lush open-air dining space adorned with plantings and dining banquettes. The marriage of textures creates a warm, yet simple space for an intimate ambiance, even with large groups.

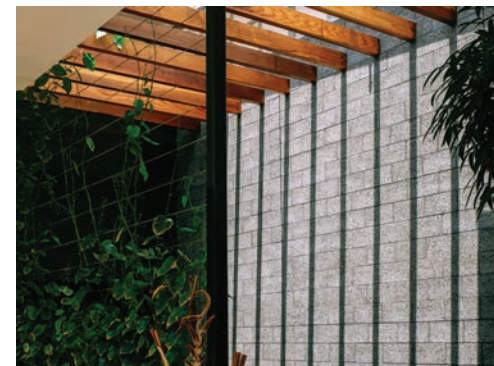
Unique and distinguishing factors include the use of various materials:

from custom pebble-pressed concrete floors, to shimmering candlelight, and textured fabrics - all of which would not be possible without the concrete masonry unit (CMU) walls lining the perimeter of the restaurant.

WHY MASONRY? The fourteen-foot-tall CMU walls act as function and design. Not only are they the load bearing perimeter of the structure, they also support the retractable canopy over the dining patio and play a key design feature of the ceiling. Adjacent to the CMU wall, a series of beams open to the sky. These beams create dramatic shadows, painting the CMU wall throughout the day.

Purposefully selected for its fire rating characteristics, the honesty of the CMU material is intentionally exposed to show the burnished face and custom black pigmentation. CMUs were intentionally selected as a deep black color to absorb the light and create complimentary shadows.

The concrete masonry units at Soulmate have proven to be a highly functional and durable material, while also providing a desired aesthetic.



ARCHITECT:
James Goodman,
Architecture
26651 Vuelta Rica
Capistrano Beach, CA 92624

James Goodman, AIA
Principal-in-Charge

STRUCTURAL ENGINEER:
B&B Associates, Inc.

GENERAL CONTRACTOR:
DAI General Contracting

MASONRY CONTRACTOR:
Cornerstone Masonry
Services, Inc.

BLOCK PRODUCER:
Angelus Block Company, Inc.

OWNER:
Troost Partners, LLC

©PHOTOGRAPHY:
IM Real Estate Photography



**MERIT
AWARD** COMMERCIAL DESIGN

Extra Space Storage North Hollywood North Hollywood, California

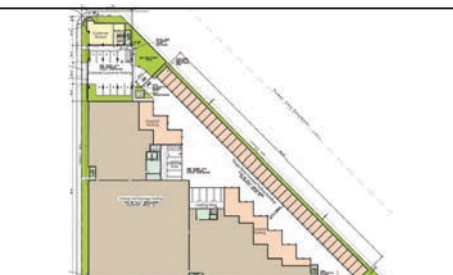
Jury Comments: *Extra Space Storage North Hollywood defies the conventions of a typically overly-utilitarian building type and creates a series of dynamic spaces in addition to its high-performance sustainable strategies.*



ARCHITECT'S COMMENTARY: The residents of the Los Angeles area needed a safe and secure storage location. Offering exceptional security and drive-up access to a variety of climate-controlled storage units, Extra Space Storage in North Hollywood is conveniently located three miles from the Hollywood Burbank Airport. In an attempt to fit the glamorous lifestyle Hollywood is known for, this storage facility was designed to stand out with its stunning design.

WHY MASONRY? Concrete masonry units (CMUs) were selected as the primary building material for their durability, security, structural, sustainable design capabilities, and integral finish qualities. Self-storage facilities must endure rough handling from numerous customers who are moving belongs to and from their units. Integrally finished CMUs resist damage without the need to patch and refinish. They also provide security from thieves and a virtually fireproof exterior envelope. The structural properties of concrete masonry units offer excellent load bearing capabilities for the high live load requirements of a self-storage facility along with offering thermal capabilities to help keep customers' belongings safe from the sunny summers North Hollywood is known for.

This project is 100% electric with roof mounted solar panels which provide 85% of the facility's power requirements. The project meets or exceeds the 2016 California Energy Code and California Title 24.



4. CMACN 2022 Summer Awards Issue of 'CMU Profiles in Architecture'

MERIT
AWARD

COMMERCIAL DESIGN

Viola Inc Masonry Building

Ventura, California

ARCHITECT:
Onyx Creative
2300 Knoll Drive, Suite A
Ventura, CA 93003

James E. Armstrong, AIA
Principal-in-Charge

Pablo J. Garcia R.
Nicole Harding, AIA
Project Manager & Designer

STRUCTURAL ENGINEER:
RGSE Inc.

GENERAL CONTRACTOR:
Viola Inc Constructors

MASONRY CONTRACTOR:
Skidmore Masonry, Inc.

BLOCK PRODUCER:
Angelus Block Company, Inc.

OWNER:
Viola Inc Constructors

PHOTOGRAPHY:
Mark Corcoran, Upmarket Media®



Jury Comments: *The Viola Inc Masonry Building serves as a living example of the potential for CMU as a primary structural system. The large curved façade gesture is dynamic at a macro level, but it is perhaps the most successful by featuring various types of CMU in a tactile way at the pedestrian scale.*

ARCHITECT'S COMMENTARY: The concept of the building was conceived by the owner decades ago to complete the master plan for the property. Together with the architect, they looked to concrete masonry units (CMUs) as the best option to build the final building as a statement at the corner of Olivas Park Drive and Bunsen Avenue, an important developing area in the city of Ventura, California. The building has a 72-foot radius wall, 37-feet high, that sweeps along the corner of the site and defines the entry with a front plaza that welcomes visitors to the building and neighborhood.



WHY MASONRY? The performance of the building was a critical aspect for the owner as a landlord. The strength, versatility, and longevity of the CMU walls are perfect for this mixed-use building that will house light industrial, food/beverage, and office tenants. The energy performance of CMU walls and the use of thermally broken window frames allows a high energy rating and comfortable interior with a significant reduction in energy use for conditioned air and lighting.



The CMU texture, color, and finish, in contrast with the glazing, create a rhythm of shadows that can only be achieved with masonry. The wainscot along the base of the building is created by a custom burnished 10-inch CMU with an offset 8-inch core and a chamfered corner detail at the top that was burnished on site. The window openings are framed with CMU turned 90-degrees to inset the window storefronts and allow a minimum of a 12-inch inset to cast a shadow and express the masonry material. The second-floor bridges the parking lot with a 32-foot-long and 50-foot-wide span with CMU lintels and wood joists, without the use of steel beams or columns. Multiple new CMU molds had to be created to accomplish many of the details, corners, and structural requirements throughout the project.



ARCHITECT:

NAC
837 North Spring Street, 3rd Floor
Los Angeles, CA 90012

Michael Pinto, AIA
Design Principal

THEATER ARCHITECT:

FSY Architects
2902 Knox Avenue, Suite 200
Los Angeles, CA 90039

Arturo Yanez, AIA
Design Principal

STRUCTURAL ENGINEER:

KPFF Consulting Engineers

GENERAL CONTRACTOR:

Inland Building Construction
Companies, Inc.

MASONRY CONTRACTOR:

Winegardner Masonry, Inc.

BLOCK PRODUCER:

ORCO Block & Hardscape

OWNER:

William S. Hart
Union High School District

©PHOTOGRAPHY:

Edmund Barr Photography

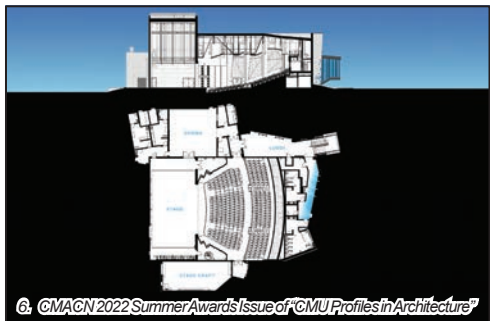


Saugus High School Auditorium (The Forum)

Santa Clarita, California



Jury Comments: *The sculptural volumes of The Forum expand expectations for how CMU can and will be used to capture space. More than the typical decorated box, The Forum's dynamic shape and forms create dynamic and unexpected experiences.*



ARCHITECT'S COMMENTARY: The District set a budget and desired scope that forced the design team to use creativity to meet the project criteria. Specific requirements based on the user group's vision for the spaces further forced inventive solutions that could still deliver the project within the allocated budget while using conventional materials like concrete masonry units (CMUs) in an innovative manner.

The 480-seat performance space, lobby, drama classroom, and scene preparation spaces give an incredibly talented student body a new range of tools to achieve their aspirations. Folded acoustic reflectors inside contrast against the dark interior to create a striking effect and an environment suitable for amplified or unamplified sound. Connected dressing rooms, scene preparation, and state of the art controls and rigging now facilitate a full array of performances.

WHY MASONRY? Sitting at the front corner of the campus, the new auditorium, aptly named The Forum, references the surrounding rocky hills through CMU color and the sculpted form of the enclosure. The concrete masonry units are stacked, each course offset by a nominal amount. As the sun hits the CMUs via its daily path, dramatic shadows are cast. The overall effect is tilted walls that intersect to create a dynamic sculptural element signaling the value of the arts on the campus.

The design team worked to make the building look as if part of the spectacle of a performance. The glass lobby and staircase window seem to beam excitement of opening night to the community, while the blue-light blocks add a splash of color in the CMU façade. When the gates are open, the front court offers a luminous space connecting a modest lobby to the exterior for intermissions and pre and post-performance gatherings, while the CMUs offer sound attenuation to keep performance sounds in and gathering sounds out. Saugus High School's award-winning program now has a home worthy of their craft.

HONOR
AWARD

EDUCATION DESIGN

Temple City High School Classroom Building

Temple City, California

ARCHITECT:

LPA, Inc.

5301 California Avenue, Suite 100
Irvine, CA 92617

David Eaves, AIA, LEED® AP BD+C
Principal-in-Charge

STRUCTURAL ENGINEER:

LPA, Inc.

GENERAL CONTRACTOR:

Angeles Contractor, Inc.

MASONRY CONTRACTOR:

Winegardner Masonry, Inc.

BLOCK PRODUCER:

ORCO Block & Hardscape

OWNER:

Temple City Unified School District

PHOTOGRAPHY:

Cris Costea,

Costea Photography, Inc.

Ryan Hills, ORCO Block &

Hardscape - right column, top

photo



Jury Comments: *Temple City High School Classroom Building and Aquatics Center's minimal yet elegant composition of CMU textures and colors are well-proportioned, meticulously detailed, and visually interesting. The true strength of the design is the thoughtful contrast between indoor and outdoor space, light against heavy materials, and opacity versus transparency.*



ARCHITECT'S COMMENTARY: Located on an established campus with strong brick vocabulary and faced with a tight budget, stakeholders made the difficult decision early on in the design process that this new two-story classroom building would deviate from the existing campus' brick design in favor of concrete masonry unit (CMU) construction. Some of the foundational goals set during schematic design were to establish a strong relationship between new construction and the existing campus, to articulate and break down the scale of the long, two-story building elevations facing single family residences, and to use CMUs to their fullest design potential to limit the cost of multiple materials and trades on the project.

Due to the success of the CMU Classroom Building project, the district chose to modernize the existing 1955 locker building and pool into a new Aquatics Center using the same architectural and structural kit of parts. The new 12-lane, 33-meter pool and associated amenities were intended not only to enhance school and athletic identity from the main visitor parking lot, but to also provide a community asset. The modernization not only brought accessibility and state of the art conveniences to the users of this complex, but also improved energy and water efficiencies.

WHY MASONRY? CMUs were selected as the building material of choice in an attempt to keep project costs down and to create a red brick appearance that can be found throughout the existing campus. Campus-facing elevations on each of the three finger buildings are composed of the red CMUs in a traditional brick module that serves as both structure and finish, helping the project blend seamlessly into its surrounding context. Street-facing elevations are articulated with strategic changes in CMU color, size, bond, and finish, breathing new life into the campus and identifying Temple City High School as a new 21st century learning environment within its community.



ARCHITECT:
ELS Architecture and Urban Design
2040 Addison Street
Berkeley, CA 94704

Clarence D. Mamuyac, Jr., FAIA,
LEED® AP BD+C
President/CEO

STRUCTURAL ENGINEER:
Forell | Elsesser Engineers, Inc.

GENERAL CONTRACTOR:
Blach Construction

MASONRY CONTRACTOR:
John Jackson Masonry

BLOCK PRODUCER:
Basalite Concrete Products, LLC

OWNER:
Marin Community College District

©PHOTOGRAPHY:
Lawrence Anderson Photography
David Lloyd, SWA Group - main photo

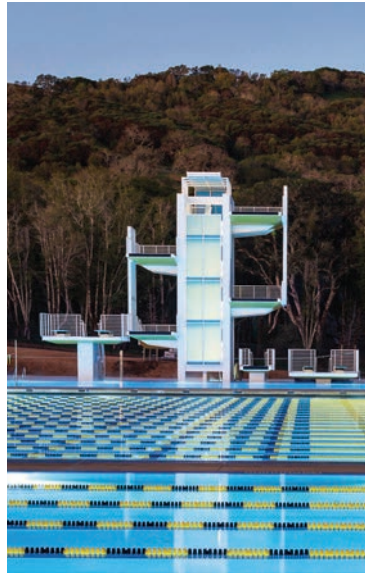
MERIT
AWARD

EDUCATION DESIGN

College of Marin New Miwok Center Novato, California



Jury Comments: *The New Miwok Center's strong formal gesture nicely complements the topography of its natural setting. Its visual hierarchy creates a welcoming and vibrant collection of indoor and outdoor spaces.*

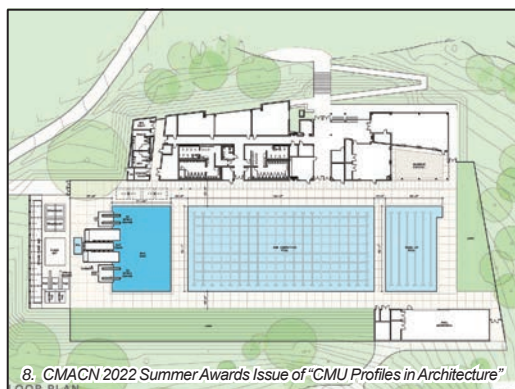


ARCHITECT'S COMMENTARY: Set in a prime location on the College of Marin's 333-acre Indian Valley Campus, the New Miwok Center is an exciting community asset. Its buildings, pools, dive center, and outdoor workout studio are backdropped by Marin's beautiful oak woodlands and rolling hills. An exciting "punctuation mark" for the complex is its dive tower, which follows a

simple materials vocabulary of concrete, steel, and glass and can be seen extending up to the sky and mountain tops.

The center is designed around extremely high standards for sustainability, using geothermal resources and a nearby photovoltaic farm available to buildings on the campus. The building draws on geothermal heating and cooling, while kilowatts come from a nearby photovoltaic farm to help power pool equipment. The design takes advantage of passive techniques by locating the pools for maximum solar exposure, while mature oak trees are used to shade spectators and the use of natural light cuts down on energy use.

WHY MASONRY? The design team used concrete masonry units (CMUs) as the building's primary structural system, supporting both gravity and lateral loads. An exterior palette of durable materials complements the colors and shadows of the site and surrounding woodlands. A yellow accent, defined by the surrounding natural grassland's color, is used for the soffits of the sloping roof that define the front porch at the main entry. Dark metal panels, inspired by the nearby oak trees, clad the CMUs. Glass in the fitness areas and classrooms, protected by overhangs and shading, provides light and visibility from the interior spaces out to campus. CMUs comprise the building's interior finish - a handsome, durable and cost-effective way of working within a restricted budget. These CMUs came in a wide range of colors and allowed for numerous heavy attachments without extra backing.



MERIT
AWARD

EDUCATION DESIGN

Mira Mesa High School, Classroom Building

San Diego, California

ARCHITECT:
Architects Mosher Drew
1775 Hancock Street, Suite 150
San Diego, CA 92110

Edward M. Holakiewicz, AIA
Principal-in-Charge

Eric Soldau, AIA, LEED® AP
Project Architect

Victor Navarro, AIA, NCARB
Design Architect

STRUCTURAL ENGINEER:
WSP

GENERAL CONTRACTOR:
Balfour Beatty

MASONRY CONTRACTOR:
Winegardner Masonry, Inc.

BLOCK PRODUCER:
RCP Block & Brick, Inc.

OWNER:
San Diego Unified School District

PHOTOGRAPHY:
Chris Costea, Costea Photography, Inc.

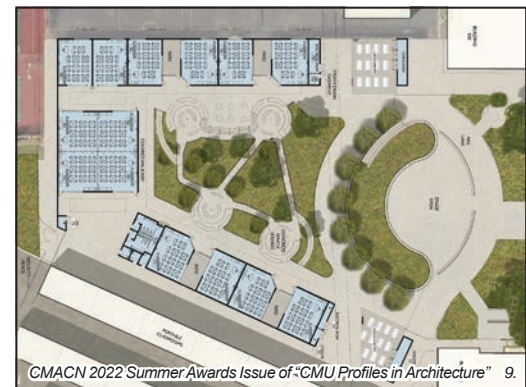
Jury Comments: *The connections between indoor and outdoor spaces that the Mira Mesa High School Classroom Building seamlessly blend together support multiple types of learning environments and interactions. The heavily textured CMUs nicely contrast with the smoothness of the sliding window panels and the regimented rhythm of the steel roof elements.*



ARCHITECT'S COMMENTARY: Traditional K-12 education buildings have historically created an entourage of partitioned structures promoting a single lecturer instruction style, resulting in mostly isolated classrooms. Current teaching pedagogy has changed the architectural dynamic to reinforce information distribution, team collaboration, and 'learn by doing'. Teachers have assumed a role of 'advisor' or 'guide' to facilitate students' efforts to research information and create their own knowledge base. A new classroom model should respond by facilitating creative, critical-thinking and communication skills enhanced by a group dynamic. Therefore, we believe the built environment must respond to the need for diversity and the collaborative spirit of education through design for flexibility, mobility, and dynamic learning.

A new 16,000-square-foot classroom building was programmed and designed as improvement to an existing high school campus built in the 1970's. The building program includes 14 enclosed instructional spaces, 4 collaborative patios, 4 outdoor learning pods, and multiple areas for informal gathering.

WHY MASONRY? Fluted concrete masonry units (CMUs) were selected as the primary material for both the structural system and the envelope. In addition to fitting into the existing campus context, CMUs provide a durable surface required for schools. Providing a healthy educational environment that would integrate indoor-outdoor areas became the main goal of the design and was achieved using CMUs, operable partitions, large sliding doors, and glazing that would allow natural air flow and daylighting, while promoting physical and visual connections to create unique learning experiences. The CMU building footprint creates a central green that is an extension of the existing campus quad. The building design offers standardized interior classrooms for traditional needs, but then merges with shared patios and outdoor teaching clusters conforming 'collaborative nuclei'. CMUs help control temperature fluctuations inside the classroom buildings and the breezeways they open up into. By allowing classrooms to have flexibility for fluid interaction with adjacent teaching/instructional areas and the central green, there is a reinforcement of diversity in learning while promoting the physiological and psychological benefits of connectivity to nature.



ARCHITECT:
Perkins Eastman Architects DPC
3194 D Airport Loop Drive
Costa Mesa, CA 92626

Betsey Olenick Dougherty, FAIA,
LEED® AP
Principal-in-Charge

STRUCTURAL ENGINEER:
KNA Structural Engineers

GENERAL CONTRACTOR:
M.S. Construction Management Group

MASONRY CONTRACTOR:
J.A. Lynch Masonry, Inc.

BLOCK PRODUCER:
Angelus Block Company, Inc.

OWNER:
Orange Coast College

PHOTOGRAPHY:
Nils Timm Visuals

MERIT
AWARD

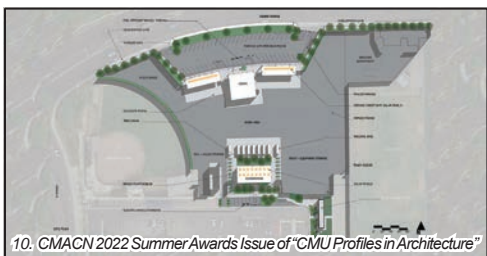
EDUCATION DESIGN

Orange Coast College Recycling Center

Costa Mesa, California



Jury Comments: OCC Recycling Center's playful metaphor of a building that is actively in the midst of being recycled is both fun and practical. The small building makes big moves to reinforce its fundamental design concept, and the use of materiality represents a rational expression of its use.



ARCHITECT'S COMMENTARY: It is a rare opportunity to support a unique project on a community college campus that is both a campus and a community asset. The Orange Coast College Recycling Center is one of those opportunities. This project replaces an aging facility that has supported recycling in Orange County for more than 40 years, long before it was fashionable. Operated by and benefiting the Associated Students of OCC with enrichment projects and employment, the Recycling Center is designed for service, safety, and security, with a durable full-height concrete masonry unit (CMU) perimeter wall encompassing the entire footprint. The site offers easy public vehicular and pedestrian access, with an added 40 parking spaces and double the drop-off stations for recycling materials such as glass, plastic, corrugated cardboard, electronics, and batteries. Books are also recycled on library carts for borrowing and dropping off. The Center has a display area for recycled art, is home to an organic garden, creates recycled mulch from campus pruning, and teaches business skills and sustainable design through on-campus partnerships with the Business and Architectural Technology departments.

WHY MASONRY? CMUs helped this high-performance facility become USGBC LEED® Gold Certified, SITES and TRUE Certified, Savings by Design registered, and tracking for Net Zero. With the fully-grouted CMU walls and ballistic-rated glass, students handling financial transactions are well-protected, while the building is able to withstand the wear and tear of such an active center. The CMUs and glass are also representative of a recycling center, as both can be recycled themselves. Display panels describe other sustainable strategies incorporated into the design, such as perforated paving and California native planting with minimal drip irrigation. As a valued addition to the OCC Campus and to the community of Costa Mesa, the Recycling Center represents collaboration at its best, while the CMUs proudly demonstrate the longevity of building sustainably.

MERIT
AWARD

EDUCATION DESIGN

Patrick Henry High School Modernization

San Diego, California

ARCHITECT:
PJHM Architects, Inc.
804 Pier View Way, Suite 103
Oceanside, CA 92054

Leo Johnson, President
Principal-in-Charge

STRUCTURAL ENGINEER:
VCA Engineers, Inc.
GENERAL CONTRACTOR:
Vander Werff Construction
MASONRY CONTRACTOR:
Haxton Masonry Inc.
BLOCK PRODUCER:
Angelus Block Company, Inc.
OWNER:
San Diego Unified School District
©PHOTOGRAPHY:
RMA Architectural Photography

Jury Comments: *The Patrick Henry High School Modernization uses CMUs in an almost clinical way to provide primary structural support, define the exterior aesthetic, carve the spaces, and deliver high-performance sustainable strategies.*



ARCHITECT'S COMMENTARY: Derived as an extension of the original 1960's overall campus finger plan, the Patrick Henry High School 2-Story Classroom and Early Education project takes advantage of its east west orientation and opens each learning space completely to the north, flooding them with ample indirect daylight. Temperate San Diego climate gives way to operable windows on the north glazed curtain walls, naturally ventilating each learning space. The south wall face thickens, and strategic shade tree placement helps mitigate heat gain considerably, providing manageable and efficient thermal comfort, while a 7,000-square-foot photovoltaic array, exclusively owned by the District, flanks the entire south façade, generating 75,000 kWh annually, reducing over 1.1 million pounds of carbon dioxide over a 25 year cycle. The building consists of 24 general classrooms and two ROP classrooms, which serve as a functioning preschool/daycare and observation room.

To provide moments of outdoor learning within and adjacent to the project, a diverse range of landscaped and building transitional spaces are 'slowed', allowing high school students to stop, rest, and define social interactions. The main staircase widens to create informal seating and presentation space, and the three classroom wings separate, creating a primary and fully exterior circulatory artery, nearly 25 feet wide, doubling as gathering and outdoor classroom areas. This release also gives way to large light wells that pour light to the ground level breezeway and classroom north faces. Various landscaping strategies surrounding the building and the adjacent main courtyard frames and defines a multitude of outdoor learning, presentation, and study areas.

WHY MASONRY? Concrete masonry units (CMUs) were selected for their sturdiness and ability to endure mistreatment from high school students and overall general use. CMU walls frame each classroom wing and provide a strong termination to the glazed curtain wall. These CMU walls consist of factory shotblast set in a stack bond, with zones of sine wave CMUs to mitigate scale and provide interest to the campus. The orientation of the CMU walls also helps provide thermal mitigation to regulate classroom temperatures year round.



MERIT
AWARD

EDUCATION DESIGN

Performing Arts Center at Wilson Middle School, George Walker Smith Education Campus San Diego, California



ARCHITECT:
Roesling Nakamura Terada
Architects, Inc.

363 5th Avenue, Suite 202
San Diego, CA 92101

Ralph Roesling, FAIA
Principal-in-Charge

STRUCTURAL ENGINEER:
KPF Consulting Engineers

GENERAL CONTRACTOR:
McCarthy Building Companies, Inc.

MASONRY CONTRACTOR:
Winegardner Masonry, Inc.

BLOCK PRODUCER:
RCP Block & Brick, Inc.

OWNER:
San Diego Unified School District

PHOTOGRAPHY:
Jeff Durkin, Bread Truck Films -
main and right photo
Joe Cordell - left photo



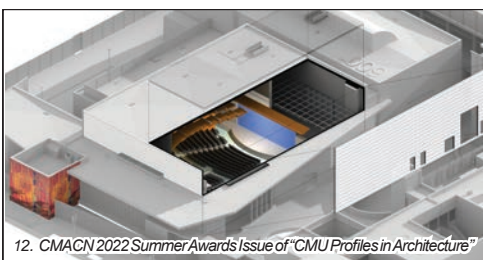
ARCHITECT'S COMMENTARY: Completed for San Diego Unified School District in 2021, the Wilson Middle School is an all-new 142,000-square-foot, CHPS verified, Performing Arts School. Ultimately Wilson will connect the adjacent Central Elementary School to form a larger Community Education Campus.

The Wilson Middle School Performing Arts Buildings make up one third of the campus and include a 500-seat Theater, Drama Room, Music Rooms, Art Studios, and Multi-media spaces. These buildings are located along a busy commercial thoroughfare bordering the north side. This location provides physical presence within this active commercial district and establishes a community connection by opening these performance venues to the public for theater and musical performances.

WHY MASONRY? The decision to use concrete masonry units (CMUs) for the construction of these buildings made sense economically. The unique surface quality of the diamond CMUs provide a character well suited to the Performing Arts Buildings' large, exposed walls. When viewed in the bright sunlight of Southern California, the faceted CMUs create striking patterns of shadow and light that vary dramatically throughout the day and seasons. The inherent sound attenuation properties of CMUs are ideal, effectively blocking unwanted traffic noise from entering the spaces. The diamond CMUs are a cost-effective solution providing the primary load bearing structure for these buildings while also being a durable, long lasting, and low maintenance finished wall assembly. Once installed, the CMUs only required a white painted finish to enhance the reflective surface quality of the CMUs.

Many innovative energy saving systems are built into the school's design. The 12" thick diamond CMU walls perform effectively as passive heat sinks, absorbing the heat energy from the sun during the day and releasing it during the cooler evening hours, thus effectively modulating the interior room temperature of the Performing Arts spaces and reducing the need for mechanical heating and cooling.

Jury Comments: *The Performing Arts Center at Wilson Middle School makes so much out of just a couple of clever design decisions. Broad awnings, contrasting textures, and simple forms carve the spaces. The various material selections both welcome and inspire creative performances.*



MERIT
AWARD

EDUCATION DESIGN

UC Berkeley Legends Aquatic Center

Berkeley, California



ARCHITECT:
**ELS Architecture and Urban
Design**

2040 Addison Street
Berkeley, CA 94704

Clarence D. Mamuyac, Jr., FAIA,
LEED® AP BD+C
President/CEO

STRUCTURAL ENGINEER:
Forell | Elsesser Engineers, Inc.

GENERAL CONTRACTOR:
Vance Brown Builders

MASONRY CONTRACTOR:
Creative Masonry Inc.

BLOCK PRODUCER:
Basalite Concrete Products, LLC

OWNER:
UC Berkeley

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Lawrence Anderson Photography

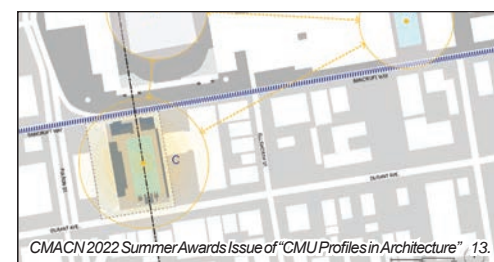
ARCHITECT'S COMMENTARY: Prior to this project, UC Berkeley's intercollegiate aquatics athletes had never had their own training space, instead sharing pools with recreational swimmers or driving to Stanford University to use their rival's facilities. This 9,200-square-foot center makes the most of its highly visible site, with an entry that faces the university's historic Edwards Stadium. Its key massing elements were designed on axis with the stadium's two pylons, drawing a connection between the two facilities and invigorating the campus' southwestern athletics precinct. The complex boasts a 50-meter stretch pool with a two-centerline dive tower, locker rooms, and multipurpose/training room fronting the main street.

The visually striking entry was designed as a large glass opening that permits passersby to enjoy views of the athleticism just beyond. Three building finish materials were used for the multipurpose building: stacked bond concrete masonry units (CMUs), corrugated, perforated metal skin, and translucent blue glass walls that, in plain view, weave through the building and tie its elements together. The locker room building utilizes the same palette of stacked bond CMUs and translucent, blue punched windows. At night, the building lights up like a beacon, illuminating a formerly dark corner along the busy street.

WHY MASONRY? CMUs were used both as a structural system and exterior material, demonstrating their versatility, and helping to deliver the project on budget. Using CMUs also helped the project meet the University's criteria for using urban, durable finishes that complement adjacent campus buildings. The design team selected groundface 8"x16" CMUs, recalling the stone and masonry used to build the campus.

The project, which is certified LEED® Silver, benefits from its transit-oriented site. Water efficient fixtures resulted in a water-use reduction of 41%. Additional sustainable design elements include 20% recycled content materials, 20% regional materials, low-emitting materials, high-albedo roofing and pool deck, and full cutoff exterior lighting.

Jury Comments: *The UC Berkeley Legends Aquatic Center balances materiality, space, and color in a unified design composition. The alignment of the masonry in connection with metal, glass, and water creates a holistic experience for student swimmers, coaches, and spectators.*



ARCHITECT:
Safdie Rabines Architects
925 Fort Stockton Drive
San Diego, CA 92103

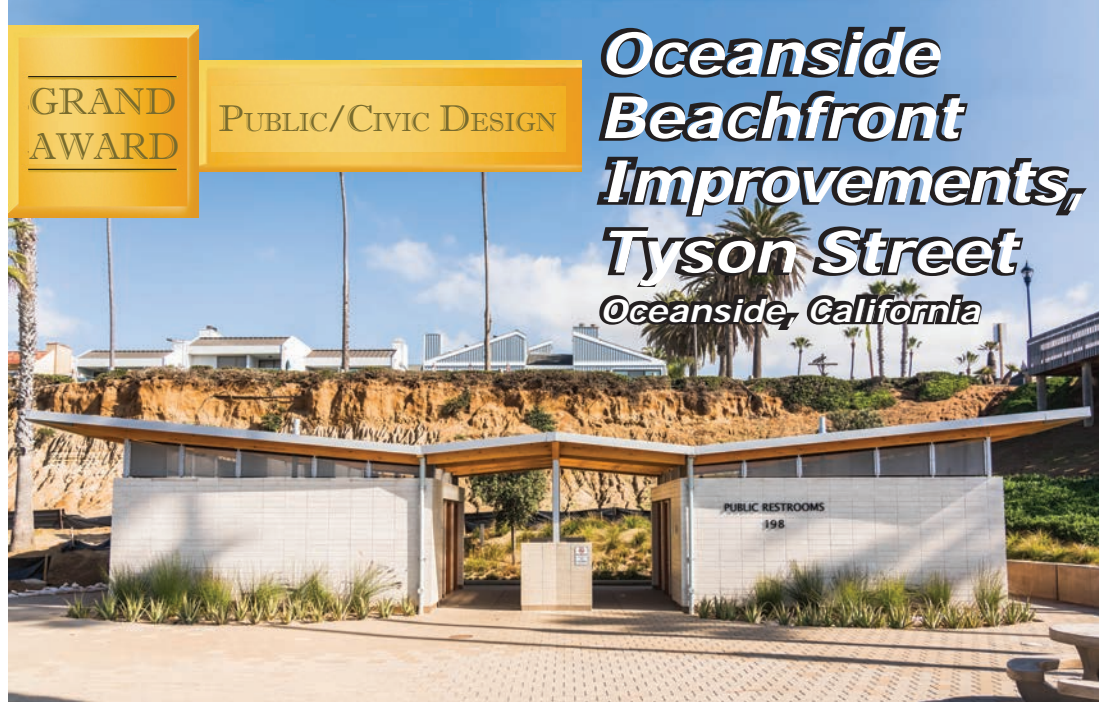
Taal Safdie, AIA, NCARB
Principal-in-Charge

STRUCTURAL ENGINEER:
Cottrell Engineering
GENERAL CONTRACTOR:
Bilbro Construction Company
MASONRY CONTRACTOR:
Haxton Masonry Inc.
BLOCK PRODUCER:
ORCO Block & Hardscape
OWNER:
City of Oceanside
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Safdie Rabines Architects

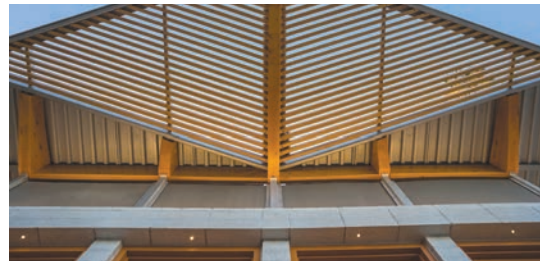
GRAND
AWARD

PUBLIC/CIVIC DESIGN

Oceanside Beachfront Improvements, Tyson Street Oceanside, California



Jury Comments: *The Oceanside Beachfront Improvements - Tyson Street project demonstrates the power of design regardless of scale or use. The elegantly-detailed small building creates an elevated experience for beachgoers in the form of a public restroom. A lot of public restrooms are dark and unpleasant, but the design for this one is overwhelmingly welcoming with its soaring roofline and the abundance of natural light and air.*



ARCHITECT'S COMMENTARY: Located south of the pier along the Oceanside Strand, the Tyson Street Beachfront Improvement project revitalizes an outdated public restroom and the surrounding area to support the neighboring public park and the growing traffic around Oceanside's downtown beach area. Carefully planted vegetation supports the facility as well as permeable pavers that wrap around the building creating

a wave-like pattern and multiple pathways throughout the site reminiscent of the nearby ocean.

WHY MASONRY? White precision concrete masonry units (CMUs) were selected to contrast beautifully with the tan hillside bluffs behind and the vibrant blue ocean in front of the facilities. In addition, the CMUs provide for security, cost-effective durability, ease of maintenance, and resistance to vandalism and other forms of mischief. The modernized restrooms also utilize durable CMUs to withstand the weathering and salinity of its oceanfront site. The rest of the structure is constructed of glulam beams with a spanned roof of steel and sheet metal.



HONOR
AWARD

PUBLIC/CIVIC DESIGN

Clover Park Restroom Replacement

Santa Monica, California

ARCHITECT:
DNA Architecture + Design, Inc.
13432 Beach Avenue
Marina Del Rey, CA 90292

Valery Augustin, AIA
Principal-in-Charge

ASSOCIATE ARCHITECT:
Pleskow Architects
13432 Beach Avenue
Marina Del Rey, CA 90292

Tony Pleskow, AIA
Principal-in-Charge

STRUCTURAL ENGINEER:
KPFF Consulting Engineers
GENERAL CONTRACTOR:
C.S. Legacy Construction, Inc.
MASONRY CONTRACTOR:
C.S. Legacy Construction, Inc.

BLOCK PRODUCER:
Angelus Block Company, Inc.

OWNER:
City of Santa Monica
Architecture Services Division

PHOTOGRAPHY:
Undine Pröhl Photography

Jury Comments: *The forms, colors, and lighting of the Clover Park Restroom Replacement are whimsical and pleasantly unexpected. The small set of buildings elevates the experience of a public restroom.*

ARCHITECT'S COMMENTARY: The Clover Park Restroom Replacement Project delivers a much-needed upgrade to a pair of restrooms in one of Santa Monica's most popular parks. The two sites created different opportunities for the design of the respective buildings. The first building sits within a small plaza and anchors a small administrative building, picnic area, and playground. The second building sits atop a small rise overlook surrounded by trees.

WHY MASONRY? Glazed concrete masonry units (CMUs) had a successful turn on other City projects, making them a logical choice for the Clover Park facilities. The material palette was conceived to minimize maintenance for park staff, simplicity, and durability. The design team selected glazed CMUs for their versatility and custom color options. Both buildings are exercises in geometry: the larger structure features an aluminum clad canopy floating above a glazed CMU restroom enclosure. The light grey exterior is contrasted by brightly-colored restroom interiors. The second building inverts that strategy where brightly colored CMU enclosures are prominently featured and straddled by a structural steel frame clad with perforated and solid aluminum panels. The buildings were well received by park goers and the surrounding community.



HONOR
AWARD

PUBLIC/CIVIC DESIGN

Los Angeles World Airports - LAX Airport Police Facility

Los Angeles, California



ARCHITECT:

Skidmore, Owings & Merrill (SOM)

333 South Grand Avenue, Suite 3600
Los Angeles, CA 90071

Jed Zimmerman, AIA, LEED® AP, DBIA
Principal-in-Charge

Tahmores Zandi, AIA, LEED® AP
Project Architect

STRUCTURAL ENGINEER:

Skidmore, Owings & Merrill (SOM)

GENERAL CONTRACTOR:

Hensel Phelps

MASONRY CONTRACTOR:

Frank S. Smith Masonry, Inc.

BLOCK PRODUCER:

ORCO Block & Hardscape

OWNER:

Los Angeles World Airports (LAWA)

©PHOTOGRAPHY:

Benny Chan, Fotoworks



ARCHITECT'S COMMENTARY: The LAX Airport Police Facility (APF) is a new ground-up headquarters for the Airport Police Division. Delivered as a design-build project, it provides design excellence rooted in operational functionality, incorporating Los Angeles World Airports' campus-wide sustainability goals. Previously dispersed over nine separate facilities around the airport, this project consolidated the 1,100-person force into a central purpose-built facility.

WHY MASONRY? An early decision was to take an "elemental" approach to the building materials – selecting structural elements that could also serve as finish materials, such as exposed concrete floors and shear walls, exterior concrete masonry units (CMUs), and interior finish only where functionally needed, such as carpet and acoustic ceilings.

The selection of CMUs had to be considered carefully through the design excellence lens. An overarching client goal was for the facility to be welcoming to the public and appropriate in the residential context. CMUs offered a range of samples varying in colors and textures that achieved the design goals. One aspect that made CMUs viable for this project was utilizing a variable integrated color process, which varied the coloration of each block through the manufacturing process, rather than having to do a manual dry-layout to get the desired color blending across the façade. This approach saved costs and time for the project.

Another passive sustainability measure related to CMUs were the placement of the program on the site and its corresponding exterior enclosure material. Utilizing the existing grade change across the site, a portion of the building was nestled below grade providing thermal mass that helps passively regulate interior temperatures, thus reducing the demand on the HVAC system. This approach provides the perfect framework for utilizing CMUs, a natural material rising out of the ground to enclose this secure space.



MERIT
AWARD

PUBLIC/CIVIC DESIGN

Division 16 Southwestern Yard

Los Angeles, California

ARCHITECT:
Gruen Associates
6330 San Vicente Boulevard, Suite 200
Los Angeles, CA 90048

Debra Gerod, FAIA, LEED® AP
Principal-in-Charge

ASSOCIATE FIRM:
Gannett Fleming, Inc.
3838 North Central Avenue, Suite 1900
Phoenix, AZ 85012

STRUCTURAL ENGINEER:
Gannett Fleming, Inc.

GENERAL CONTRACTOR:
Hensel Phelps Herzog Joint Venture

MASONRY CONTRACTOR:
R&R Masonry, Inc.

BLOCK PRODUCER:
Angelus Block Company, Inc.

OWNER:
LA Metro

©PHOTOGRAPHY:
Michael Urbanek Architectural
Photography

Jury Comments: *The Division 16 Southwestern Yard creates pleasant spaces for utilitarian functions. Unlike most maintenance facilities, this series of buildings does not attempt to blend into the surroundings, but directly relates to the graphic design, materiality, and color selections of the light-rail trains being serviced there.*

ARCHITECT'S COMMENTARY: Enlivening a heavy manufacturing area, train movement and the interconnectivity of railway systems inspired the LEED® Silver Light Rail Vehicle (LRV) maintenance complex. The roughly 18-acre site is bounded by a major artery, industrial buildings, warehouses, and new Crenshaw/LAX Transit Corridor tracks and Green Line LRV fleet. Two at-grade connections join the buildings and mainline tracks. Pedestrians and vehicles access the campus from two controlled entrances.

The secured, perpetually open Design-Build complex consists of tracks, buildings, equipment, supporting systems and appurtenances, site development, and landscape. Employees engage in general administration, operations, repair and maintenance, and transit security. Utilitarian buildings — a Main Shop, Car Wash, Material Storage, Cleaning Platform, and Paint and Body Shop — support the Crenshaw/LAX project, provide LRV transportation maintenance and storage functions, and accommodate future expansion. Track configuration and site layout support safe, efficient LRV movements coupled with sustainable site planning to seamlessly switch maintained trains onto mainline tracks.

WHY MASONRY? The materials selected make a nod to the light rail trains serviced. The Main Building is composed of durable, cost-effective, textured concrete masonry units (CMUs), metal panels, and aluminum-framed windows — all balancing design with engineering functionality. The CMUs' versatility comes through in the design; one color is used throughout with different processing and blasting, creating gradients that add to the textured palette.

CMUs improve indoor environmental quality, exhibit thermal mass benefits and energy performance, are non-toxic, and do not off-gas, even when exposed to high temperatures. Manufactured with some percentage of recycled content, CMUs are, themselves, recyclable. A unitized and multi-functional system, CMUs contribute to less job-site waste and traffic.

The site's kinetic energy evokes direction, velocity, and movement. The buildings' color and texture change over long distances, expressing "speed" from cars and moving trains. Individual CMU structures and their unique program work together as a unified design that reinforces connectivity, function, and allows safe, sustainable commuter rails for the public.



ARCHITECT:
ELS Architecture and Urban Design
2040 Addison Street
Berkeley, CA 94704

Clarence D. Mamuyac, Jr., FAIA,
LEED® AP BD+C
President/CEO

STRUCTURAL ENGINEER:
Forell | Elsesser Engineers, Inc.

GENERAL CONTRACTOR:
Arntz Builders, Inc.

MASONRY CONTRACTOR:
McCurley and Day Masonry

BLOCK PRODUCER:
Basalite Concrete Products, LLC

OWNER:
City of Elk Grove

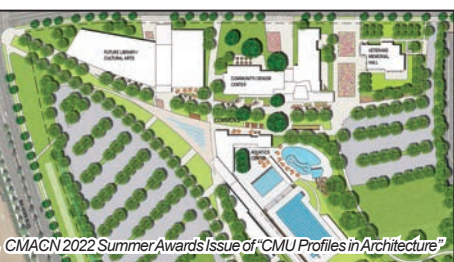
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MERIT
AWARD

PUBLIC/CIVIC DESIGN

Elk Grove Aquatics Center

Elk Grove, California



ARCHITECT'S COMMENTARY: Located in Elk Grove's new Civic Center Park, this aquatics facility is a key venue in the city's efforts to prioritize the pedestrian experience and engage its citizens through social and physical activity. The project's designers drew inspiration from the curving pathways of the park's landscape design. As a grand and inviting gesture, they called for a curved exterior concrete masonry unit (CMU) wall, 300 feet long, that seems to rise from the park's sinuous pathways.

At 16 feet high, the CMU wall forms the parkside elevation of a 13,000-square-foot, single-story building that encloses two sides of the outdoor pool area. Within the building are recreation and aquatics team locker rooms, administrative offices, concessions, and community rooms used for events and children's parties. Extending from the building is a 400-foot trellis that provides the shade needed during 100-degree-plus days; nearby seating terraces border a 50-meter pool and a six-lane lap pool, with a fun-water pool adjacent.

WHY MASONRY? By using CMUs both as a structural system and exterior material, the designers were able to demonstrate the material's versatility while helping to deliver the project on budget. The 4x8x16-inch unit proportion reinforces the horizontal character of the building within the park. The selected color complements existing soils and new pathway paving, while custom-designed, blue horizontal lights are fit into the running bond pattern of the exterior walls, with a pattern that becomes denser near the main entry, alluding to the splash of a diver. White metal panels and parapet caps and white painted steel complement the CMUs' warm color and help define the aquatics center's forms within the landscape.

Despite its tight budget, this high-performing CALGreen and Title-24-compliant aquatics center drew in sustainable design strategies including building orientation, shading elements, and high-efficiency pool/plumbing equipment.

MERIT
AWARD

PUBLIC/CIVIC DESIGN

Lincoln Park Pool and Bathhouse

Los Angeles, California

ARCHITECT:
FSY Architects
2902 Knox Avenue, Suite 200
Los Angeles, CA 90039

Arturo Yanez, AIA
Principal-in-Charge

STRUCTURAL ENGINEER:
ENA Group

GENERAL CONTRACTOR:
G2K Construction, Inc.

MASONRY CONTRACTOR:
G2K Construction, Inc.

BLOCK PRODUCER:
Angelus Block Company, Inc.

OWNER:
City of Los Angeles,
Bureau of Engineering

©PHOTOGRAPHY:
Natalia Knezevic Photography



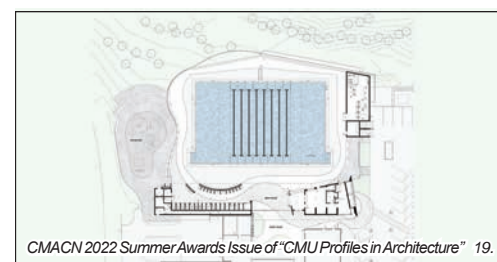
Jury Comments: *The Lincoln Park Pool and Bathhouse is an example of how a small building can have a large impact for its community. The architecture itself is quite small, but each of its well-crafted design elements — the floating roof form, the biophilic screens, the solids versus voids — masterfully define the outdoor spaces.*



ARCHITECT'S COMMENTARY: The Lincoln Park Pool and Bathhouse replacement project includes a new bathhouse building, upgraded lap pool, splash pad, and landscaped garden areas. A modern sloping metal canopy covers the new building, tying the program components into a single building entity that takes inspiration from the original 1920's Eastlake Park Conservatories, which historically existed on the site. With a simple, modern design that incorporates attractive, durable and maintenance free materials, including concrete masonry units (CMUs), the new aquatic facility is envisioned to revitalize a blighted, yet much needed, recreational community facility that pays homage to an important historic past.

The building includes a formal entry, an administrative/check-in area, 13 unisex restroom stalls, 6 unisex dressing rooms, and 12 open unisex showers. The overall design intent was to do away with unattractive barriers that previously existed, which limited flow and views from the pool deck to the surrounding park, and to create a modern, safe, attractive, and inviting aquatic facility for the surrounding community.

WHY MASONRY? The new bathhouse is a canopy building that allows for natural ventilation, a visual and functional connection with the pool deck, and natural surveillance. The choice of CMUs as the main wall material was predicated on the need for a durable, maintenance-free, and structurally sound material, appropriate for a public community building that would receive a lot of use and wear and tear over time. A four inch high CMU dimension was chosen to relate to the proportion of conventional brick, a material present in the original conservatory buildings. At the building exterior and where viewable by the public, a burnished finish was utilized for a smooth face with an enhanced natural texture.



MERIT
AWARD

PUBLIC/CIVIC DESIGN

Sacramento International Airport Air Rescue and Fire Fighting Facility

Sacramento, California



ARCHITECT:
LEA Architects

1730 East Northern, Suite 110
Phoenix, AZ 80202

Lance Enyart, AIA, LEED® AP
Larry Enyart, FAIA, LEED® Fellow
Principals-in-Charge

STRUCTURAL ENGINEER:

C&S Companies

GENERAL CONTRACTOR:
Broward Builders, Inc.

MASONRY CONTRACTOR:

DL Masonry

BLOCK PRODUCER:

Basalite Concrete Products, LLC

OWNER:

Sacramento County
Department of Airports

PHOTOGRAPHY:

Chip Allen Architectural Images -
horizontal photos

Lance Enyart, AIA, LEED® AP,
LEA Architects, LLC - vertical photo



ARCHITECT'S COMMENTARY: The new, seven-bay, 20,865-square-foot Aircraft Rescue and Fire Fighting Facility and Administration Building at Sacramento International Airport is designed to meet the specific mission requirements of Sacramento County Airport Fire. The architectural design of the project is responsive to the high-tech aviation environment, while at the same time reflective of the fire department's culture and mission.

WHY MASONRY?

Natural materials, including 8"x8"x16" ground face concrete masonry units (CMUs), aluminum composite panels with integrated LED lighting, and high performance Low-E insulated glazing articulate the building façade. Stacked bond ground face CMUs were used to bring a sense of human scale to the project in contrast with the larger modules of the aluminum composite panels utilized on the underside of the cantilevered roof overhangs and fascia.

Ground face CMUs were utilized extensively on both the exterior and interior of the building, working in harmony with the ground concrete floors to provide an attractive, durable, and low maintenance surface with inherent thermal mass to help maintain consistent and comfortable indoor temperatures. The exposed CMU walls on the interior of the kitchen, dining, and dayroom spaces extend through the large multi-slide glass doors, visually connecting interior spaces with the shaded outdoor patio and physical training area. The deep continuous folding plane of the roof overhang floats above the CMU perimeter walls and protects the south facing glazing and main entry to the building, limiting direct solar gain in the summer. The modern architecture and natural material palette for the Aircraft Rescue and Fire Fighting Facility is highlighted by the extensive use of CMU materials which are critical to the durability, beauty, and overall sustainability of the project.

Jury Comments: *The Sacramento International Airport Air Rescue Fire Fighting Facility follows a clear hierarchy of spaces that follow their functions. The red pop of color is used to accentuate that hierarchy, and the resulting building is a clean and well-proportioned composition.*



GRAND
AWARD

RESIDENTIAL DESIGN

Desert Palisades

Palm Springs, California

ARCHITECT:
Woods + Dangaran
5059 West Pico Boulevard
Los Angeles, CA 90019

Brett Woods
Principal-in-Charge

STRUCTURAL ENGINEER:
Labib Funk + Associates

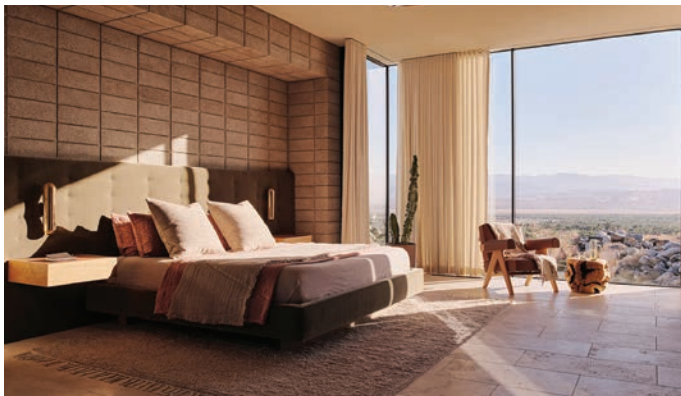
GENERAL CONTRACTOR:
HJH Construction Inc

MASONRY CONTRACTOR:
Velasquez Masonry

BLOCK PRODUCER:
ORCO Block & Hardscape

OWNER:
Desert Palisades Residents
©PHOTOGRAPHY:
Joe Fletcher

Jury Comments: *The CMU in Desert Palisades evokes a sense of grandeur and luxury. The tension between the mass of the masonry against the transparency of the full height glazing is striking and creates breathtaking spaces.*



ARCHITECT'S COMMENTARY: Set in the arid climate of Palm Springs, Desert Palisades is a 3,800-square-foot house perched on a 21,400-square-foot lot. The architecture of this four bedroom, five bath house, emphasizing horizontal lines, natural materials, and visual and physical linkages between indoors and out, celebrates and elevates the tenets of desert modernism. Offering floor-to-ceiling glazing that frames stunning views of the desert, the home's rooms are strategically placed for a serene experience of both the home and the landscape.

A glass-enclosed bridge connects the family bedrooms to the guest suite and creates a central atrium, viewed from nearly every room. Sliding glass doors run the length of the great room providing an uninterrupted transition to an outdoor living space. Added landscape elements are sustainable and selected to blend seamlessly with the native surroundings. The natural waterflows of the original site were preserved by lifting the home above the grade, and original boulders were incorporated into the home's design.

WHY MASONRY? Walls of burnished concrete masonry units (CMUs) – carefully selected to match the tone of the sand on site – flank the ends of the main pavilion and ground the home to the site. CMUs provide thermal exchange benefits in the extreme desert temperatures, producing a more energy efficient home. The home is clad in unfinished patinaed brass, a living element of the home that shifts colors as the sun moves through the sky and reflects at different angles. Consistent with CMUs, it will also adapt to the harsh desert climate and keep the home cool with its strategically placed overhangs. Surrounded by boulders and spanning a natural arroyo, the home is lifted above existing site features, yet is powerfully connected to the earth through form and visual function.



ARCHITECT:
TCA Architects, Inc.
18821 Bardeen Avenue
Irvine, CA 92612

Tim Mustard, AIA
Principal

STRUCTURAL ENGINEER:

DCI Engineers

GENERAL CONTRACTOR:

Johnstone Moyer, Inc.

MASONRY CONTRACTOR:

Largo Concrete, Inc.

BLOCK PRODUCER:

Angelus Block Company, Inc.

OWNER:

Greystar

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Vincent Ivcevic

V.I. Photography & Design

HONOR
AWARD

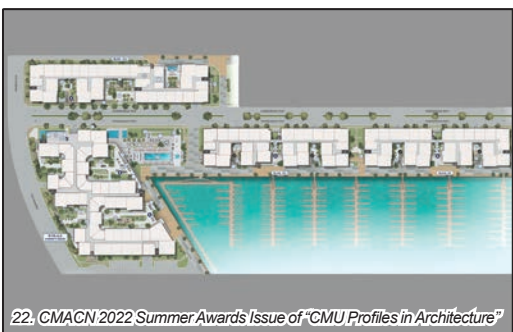
RESIDENTIAL DESIGN

Neptune Marina

Marina Del Rey, California



Jury Comments: *In a building typology that is typically dominated primarily by stucco walls in this Southern California region, Neptune Marina defies convention by introducing a delicately porous CMU texture in its garage plinth at the base and at some of the vertical circulation reminiscent of the screen walls from Mid-Century Modern homes. The introduction of this unique design motif adds vibrancy to the pedestrian experience and creates a unique filtered light effect for the occupants inside the building, as well.*



ARCHITECT'S COMMENTARY: Neptune Marina brings mid-century modern design back to Marina del Rey. When constructed in 1962, Marina del Rey was the largest man-made, small-craft harbor in the county and in many ways embodied classic mid-century modern design. Neptune Marina does not just produce stylistic replicas of the past, but fuses current architecture with elements representing the site's history. The design of Neptune Marina synthesizes vernacular tradition with a contemporary language to create architecture firmly rooted in its own place and time. Symbolic forms and icons are borrowed from the past and re-imagined in striking new compositions.

WHY MASONRY? Influenced by "Breeze Blocks," the elevations included custom-designed concrete masonry units (CMUs), a signature feature of the mid-century modern style. The CMUs are made from the ashes of coal, bonded together by cement, and used for accent walls that bear relatively small loads. With a unique asymmetrical core and sloped face, the three-dimensional CMU pattern creates varying light and shadows throughout the day as the sun's angle changes, resulting in a dynamic building elevation. The CMUs are also rotated and stacked in a 90 degree sequence, adding to the visual interest. The decorative, yet functional design defines space while providing porosity and a cool, custom vibe. The custom-designed "Neptune" Breeze Blocks are CMUs with a substantially lower carbon dioxide impact. They were selected for their specialized additives that advance the sustainable and resilient properties of the CMUs and strengthened the efforts to stem carbon impacts of the built environment.

The Jury

The Jury is selected by AIACA and comprised of three leading architects from across the nation. The Jury has the duty to view projects, remain impartial, and select winning entries that best exemplify outstanding sustainable architectural design incorporating concrete masonry construction within California and Nevada.

The Distinguished Jury for the 2022 Concrete Masonry Design Awards Program includes:



Head Juror Benjamin Kasdan, AIA, LEED® AP

Benjamin Kasdan, AIA, LEED® AP is a Principal and Design Leader at KTG Architecture + Planning in Tysons, VA near Washington, DC. He is a national speaker and published writer about the value of design, mentorship, advocacy, sustainable architecture, resilience, student housing, multifamily housing, and mixed-use communities. He has held leadership positions with the American Institute of Architecture Students at Cal Poly San Luis Obispo, AIA Orange County, AIA California, and AIA National, including serving as the 2019 President of AIA California.



Talisha Sainvil, AIA, NOMA, NCARB, LEED®

Talisha Sainvil is the Principal of her own Brooklyn-based firm, 40 Six Four Architecture | Design Studio, a Registered Architect in both New York and New

Jersey, a graduate of the University of Miami School of Architecture, adores all things sun and sand, passionate about design, listed as a bibliographic reference on Wikipedia, and an aficionado of french fries!

In 2021, Talisha was appointed to Brooklyn Community Board 14 by (now) NYC Mayor, Eric Adams, where she serves as the Housing and Land Use Committee Co-Chair and was also elected as the first Black President of AIA Brooklyn in its 128 year history.



Greg Sheldon, FAIA

Greg Sheldon is a Principal at BNIM. His professional experience as a Senior Project Architect includes projects like the Bloch Building at the Nelson-Atkins

Museum of Art, the Kauffman Center for the Performing Arts, the Lewis Center at Princeton University, and The Reach at the John F. Kennedy Center for the Performing Arts.

Greg's contemplative design process and his passion for the built environment have contributed to his national reputation. In 2006, Greg was recognized as Architect of the Year by the American Institute of Architects (AIA) Kansas City, and in 2013, he was elevated to the AIA College of Fellows.



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Web Site: www.cmacn.org

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a nonprofit professional trade association established in 1977, is committed to strengthening the masonry industry in California and Nevada by:

- Providing technical information on concrete masonry for design professionals.
- Protecting and advancing the interests of the concrete masonry industry.
- Developing new and existing markets for concrete masonry products.
- Coordinating Members' efforts in solving common challenges within the masonry industry.

NOTE: Some photos may have been altered to fit the page format.