



Profiles in Architecture

January 2017 Edition



Why Masonry?

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Concrete Masonry Association of California and Nevada

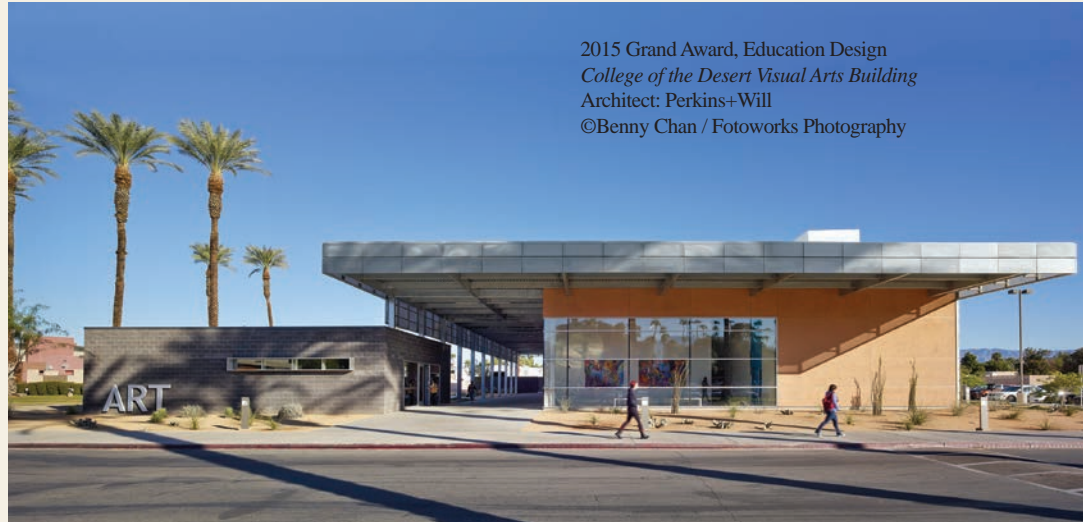
Announcing 2017 “Call for Entries”

2017 CMACN/AIACC Concrete Masonry Design Awards Competition
“Request for Entry Materials” is now available at:

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College of the Desert, Child Development Center Palm Desert, California

ARCHITECT:
HMC Architects
3546 Concourses
Ontario, CA 91764

Ken Salyer, AIA
Principal-in-Charge

STRUCTURAL ENGINEER:
Saiful Bouquet Structural Engineers

GENERAL CONTRACTOR:
Oakview Constructors, Inc.

MASONRY CONTRACTOR:
Kretschmar & Smith, Inc.

BLOCK PRODUCER:
ORCO Block and Hardscape

OWNER:
Desert Community College District

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HMC Architects

ARCHITECT'S COMMENTARY: The College of the Desert (COD) Child Development Center utilizes a model lab/demonstration program for the Early Childhood Education (ECE) department. Students from the ECE department, as well as other disciplines, are able to observe, implement projects and student teach in connection with their COD courses.

The program serves children from 12 months to five years, with priority for the children of COD students carrying at least six credits. Space permitting, the children of faculty, staff and the community may enroll. The Center also employs many students in COD classrooms.

Every opportunity is made to use the rich learning environment of the Center to promote exploration and inquiry. The design of the Center, is in and of itself, an excellent method of teaching children, teachers and the community about the environment as it seeks to celebrate it by incorporating key environmental sustainability features.

WHY MASONRY? The COD Child Development Center has been designed to meet the requirements of the United States Green Building Council's Leadership in Energy and Environmental Design (LEED®) v3 Gold rating. Concrete masonry units were used extensively throughout the project to provide visual consistency with the rest of the campus and the surrounding desert environment, a high degree of maintainability and durability, and a reliable source of thermal massing, which allows the building to passively resist overheating during the summer months while retaining heat during the winter months.



ARCHITECT'S COMMENTARY: The JLK Commercial Building was created specifically for the expansion and operations consolidation of two associated businesses in San Luis Obispo, California. The approximately 25,000 square-foot structure provides for the operations of Arroyo Instruments, a precision instrument manufacturer for the Photonics Industry and Top Precision, a precision machining operation.

Located on a 2.26 acre site on the southern edge of town near the San Luis Obispo Airport, this new facility houses the two manufacturing businesses. The building was designed to provide for the differing needs of the manufacturing processes of each business, while creating a uniquely agrarian feeling structure to fit the more rural part of town.

WHY MASONRY? The Owner and Architect worked closely on the design to meet the building occupants' needs, yet provide a more unique project, as many of the surrounding structures are metal construction. Split-face block was selected for the exterior in two complimentary colors, to provide texture and natural earthy materials for the building. This was complimented by the steel roofing at the gable roofs and the eyebrow awnings to complete the agrarian detailing. Stone columns and the beam truss structure provide a focal point at the building entrance and tie into the other exterior detailing. The use of masonry materials allowed for color selections to feel natural, while providing subdued textures to create a grounding effect to the scale of the structure.

The interior of much of the building has exposed precision block surfaces for design and durability. Split face walls were strategically included in the lobbies and office areas to accent the textures and interior detailing at those locations, while connecting to the exterior materials.

Concrete masonry units (CMUs) for the building exterior were an easy choice due to the natural appearance, durability, acoustics and low maintenance. With manufacturing operations involving machine equipment in large open areas, exposed masonry provides acoustic properties best suited for the operations, while providing durability for the interior environment. The CMU also provides acoustic mitigation from the neighboring airport operations for the interior spaces.

JLK Commercial Building San Luis Obispo, California

ARCHITECT:
Norman & Vasquez Associates
407 Traffic Way, Suite C
Arroyo Grande, CA 93420

James R. Norman
Principal-in-Charge

Mark Vasquez
Project Designer

ENGINEER OF RECORD:
Bill Jenkins Associates
GENERAL CONTRACTOR:
Specialty Construction, Inc.

MASONRY CONTRACTOR:
Santa Maria Masonry

BLOCK PRODUCER:
Air Vol Block, Inc.

OWNER:
JLK Commercial, LLC

©PHOTOGRAPHY:
Norman & Vasquez Associates



Lander County Courthouse and Administration Building

Battle Mountain, Nevada

ARCHITECT:

VanWoertBigotti Architects
1400 S. Virginia Street, Suite C
Reno, NV 89502

K. Brad Van Woert, III, AIA
Principal-in-Charge

Angela S. Bigotti, AIA
Principal-in-Charge

ASSOCIATE ARCHITECT:

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Sonoma, CA 95476

Mallory Scott Cusenbery, AIA
Principal-in-Charge

STRUCTURAL ENGINEER:

Hartman Engineering, LLC

GENERAL CONTRACTOR:

Core Construction

MASONRY CONTRACTOR:

Silver State Masonry

BLOCK PRODUCER:

Basalite Concrete Products, LLC

OWNER:

Lander County, Nevada

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Vance Fox Photography



ARCHITECT'S COMMENTARY: Situated in the mining town of Battle Mountain, Nevada, a small rural community of just over 2,000 residents, the Lander County Courthouse and Administration Building is part of a county-wide quality of life initiative that includes this new government services building along with four new school projects, a community recreation center and a major hospital expansion. The Courthouse and Administration Building project is 60,000 square-foot and located adjacent to the existing Jail/Sheriff's Facility. Spaces include a Justice and District Court with offices for the District Attorney, Public Defender and Juvenile Services. Additionally, all County administrative functions have relocated to the new building, including County Commissioners, Commission Chambers, Assessor, Clerk, Recorder, Treasurer, Finance and the Building Department. The building also incorporates a series of meeting rooms that double as community gathering spaces for public organizations such as 4H, Little League, the Volunteer Fire Department and various non-profit groups throughout the County.

The major construction material of the building is a structural steel frame that is clad in custom colored concrete masonry units. The overall form of the building is straight forward, with the floor plan being a perfect square. The building is two stories, using as little land as possible, yet projecting the monumental scale that is deserving of a courthouse which represents the only substantive civic image in the County. The custom-colored concrete masonry units give a bold accent to the



exterior image and reflect the mining heritage of Central Nevada and beyond. The interior design is light-filled and welcoming, featuring large graphic murals that depict the history of Lander County.

WHY MASONRY? Concrete masonry units were an ideal construction material for this project. With a limited workforce in a small town that is 250 miles from the nearest metropolitan area, concrete masonry's simple means and methods lent themselves to the existing construction culture already established in the area. The added ability to provide custom colors that accentuate Battle Mountain's high desert character was an added bonus. The building is straightforward, rugged and honest - a perfect reflection of a hardworking, simple community in the middle of rural Nevada.



Les Schwab Tire Center Moreno Valley, California

ARCHITECT:
Galloway & Company, Inc.
550 West Alluvial, Suite 104
Fresno, CA 93711

Kristoffer Kenton, AIA, NCARB, LEED® AP
Principal-in-Charge

STRUCTURAL ENGINEER:
Galloway & Company, Inc.

GENERAL CONTRACTOR:
CSI Construction

MASONRY CONTRACTOR:
AP Masonry

BLOCK PRODUCERS:
Trenwyth (an Oldcastle Company)
Angelus Block Company, Inc.

OWNER:
Les Schwab Tire Centers

©PHOTOGRAPHY:
Tom Divelbiss, Trenwyth (an Oldcastle Company)

Architect's Commentary: Our client was interested in a structure that conveyed a sense of permanence, delivered unmatched durability and was both modern and attractive. The numerous color options available through Trenwyth allowed solutions that actively reinforced our client's brand identity, while at the same time fulfilled the requirements of the local planning jurisdiction. Additionally, as our client owns each store independently, the long lifespan of a completely structural CMU block building perfectly aligns with our client's long term investment in each location and helps to reduce the overall facility maintenance costs.

Why Masonry? Concrete masonry units (CMUs) were the natural choice for the Les Schwab Tire Center in Moreno Valley, CA. In addition to the majority of the block containing recycled content, Trenwyth's custom Astra-Glaze® and Trendstone Plus® block with graffiti resistant finishes were featured and gave the design team a material that could stand up to the heavy wear and tear of an automobile service center, while also being an aesthetically pleasing addition to the streetscape.



Rabobank Stadium

Salinas, California

ARCHITECT:

Belli Architectural Group

235 Monterey Street, Suite B
Salinas, CA 93901

Lino Belli, AIA Architect, LEED® AP

Principal-in-Charge

STRUCTURAL ENGINEER:

Pacific Engineering Group

GENERAL CONTRACTOR:

Don Chapin Company

MASONRY CONTRACTOR:

Patania Masonry

BLOCK PRODUCER:

Calstone Company, Inc.

OWNER:

California Rodeo Salinas

©PHOTOGRAPHY:

Schipper Design



ARCHITECT'S COMMENTARY: The Salinas Sports Complex, home of the California Rodeo Association, Inc., is the premier event venue in Monterey County, boasting the largest outdoor arena in California. From rodeos and races to banquets and benefits, the Complex takes pride in its ability to meet the unique needs of a wide variety of clients, both locally and from across the nation.

Committed to the local community, the California Rodeo Association has long made the arena available to youth soccer and football teams that had no other access to a playing field. The fact that these sports required the arena to be turfed during the fall and winter seasons limited opportunities to use the arena for other events during those months.

The recent addition of the Rabobank Stadium to the Salinas Complex, however, has remedied this. Financed by the nonprofit operator Public Recreation Unlimited, the new Stadium will better support the Complex's commitment to serving the community as a whole. Hosting more than 125 events per year, the new Stadium is available to youth athletic programs, leaving the arena available year round to many other community events and programs and for rodeo and other equestrian activities for which it was originally designed.

WHY MASONRY? Choosing to use concrete masonry units (CMUs) to construct the new Stadium was logical, as the CMU would preserve the aesthetic of the existing structures, while keeping future maintenance costs low. Additionally, the client preference was for the stadium to have a "bowl-like" feel for both design and engineering for wind-control purposes. Bowl structures require multiple levels of retaining walls with both ramp and stairway access. The strength and durability of CMU made it an ideal material for this particular construction.





Los Angeles Valley Community College, Monarch Athletic Center Los Angeles, California

ARCHITECT:

CannonDesign

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Los Angeles, CA 90067

Craig Hamilton, FAIA, LEED® AP
Principal

Larry Taniguchi, RA, LEED® AP BD+C
Associate Vice President

Jenny Delgado, LEED® AP BD+C
Vice President

STRUCTURAL ENGINEER:

KPFF Structural Engineers

GENERAL CONTRACTOR:

Clark Construction

MASONRY CONTRACTOR:

Masonry Concepts, Inc.

BLOCK PRODUCER:

Angelus Block Company, Inc.

OWNER:

Los Angeles Community College District

©PHOTOGRAPHY:

Laura Peters, CannonDesign

ARCHITECT'S COMMENTARY: Located in the heart of Los Angeles' San Fernando Valley, Los Angeles Valley Community College is an institution focused on empowering students to achieve lifelong success. Central to that mission is a focus on helping students pursue their athletic passions and goals. The new Los Angeles Valley Community College Monarch Athletic Center is tangible evidence of that mission and commitment.

Designed as a gateway building for the athletic portion of Los Angeles Valley's campus, the Monarch Athletic Center is prominently located along Burbank Avenue. Surrounded by baseball and softball fields, the Monarch Athletic Center also serves as a key connector to the heart of the campus. As users approach the 21,000 square-foot building, its visual layers and views to the surrounding sports fields and features become further evident.

While not massive in scale, the Monarch Athletic Center houses football, women's soccer, track & field team spaces, shared fitness training areas and other necessary pieces like referee lockers and office space. The building is targeting LEED® Silver certification.

WHY MASONRY? The Monarch Athletic Center used an exterior materials pallet of concrete masonry units (CMUs). A combination of split-face and ground-face CMUs, with a balance of marigold and grey color were used. The concrete masonry units served a multipurpose use - to keep the building durable and aesthetically pleasing. They also added to the building's overall sustainability features by limiting additional layers that would be required from other material applications.





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CMACN/AIACC CONCRETE MASONRY DESIGN AWARDS “CALL FOR ENTRIES”

The 2017 CMACN/AIACC Concrete Masonry Design Awards competition “Call for Entries/Request for Materials” is now available at www.cmacn.org.

Last day to request entry materials:
Friday, March 10, 2017

Last day to ship completed materials:
Monday, April 10, 2017

Jury Deliberations:
Friday, June 9, 2017

Design Awards Banquet
Friday, September 22, 2017
Newport Beach, California



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*Concrete Masonry Association of
California and Nevada (CMACN)
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.

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NOTE: Some Photos may have been altered to fit
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