

# Design Inspiration



## UC Berkeley Anchor House Dormitory

by Morris Adjmi Architects.

Sustainability  
& Low Carbon

Architecture  
& Design

Energy Efficiency  
& Net Zero

Technology  
& Innovation

## Sustainability outlook for CA architects, manufacturers, and AEC professionals

Wednesday, October 23, 2024 @ 10 AM (PDT) 1 PM (EDT)



**Aileen Carroll**  
Sustainable Communications,  
One Click LCA



**Amarpreet Singh**  
LCA & EPD Consultant,  
One Click LCA

### Who should join this webinar?

- ✓ Manufacturers looking to gain a competitive edge with EPDs
- ✓ Architects interested in designing with low-carbon solutions.
- ✓ Environmental and sustainability consultants focused on reducing the carbon footprint of their projects.
- ✓ Professionals in construction and design aiming to stay ahead in the push for sustainable building practices.

### What will this webinar cover?

- ✓ The evolving role of LCAs and EPDs in sustainable building design and product manufacturing
- ✓ How new regulations are shaping the future of carbon reduction
- ✓ Practical strategies to reduce the environmental impact of construction materials
- ✓ Live Q&A

FREE  
WEBINAR

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## UC Berkeley Anchor House Dormitory

by Morris Adjmi Architects.

The Anchor House is a transformative dormitory project that sets a new standard for student residential living. Located just one block from UC Berkeley's campus and three blocks from the Berkeley BART station, the mixed-use dormitory is designed and programmed to help the University's transfer students thrive academically, socially, and culturally.

The Anchor House has been designed to meet **LEED Gold certification requirements, as well as Scope 1 & 2 Carbon Neutrality by 2025 and Scope 3 by 2050.**

Sustainable design features include sun shading; green roofs & courtyard (including a heat island); climate-appropriate landscaping; a high-performance building façade; an all-electric building + Green Power purchase; rooftop solar panels; high efficiency LED lighting; long-term bicycle storage and electric vehicle charging.

Design Architect: Morris Adjmi Architects, NY.  
General Contractor: Build Group  
Masonry Contractor: John Jackson Masonry  
Brick Producer: Interstate Brick

[READ MORE](#)



## Connecting the A/E/C Community with the Masonry Trade

# MCAC NORCAL ROADSHOW



Co-hosts:



Tuesday, November 12, 2024  
11:00 am to 2:00 pm

PTS Masonry  
7117 Tokay Avenue  
Sacramento, CA 95828

Click [here](#) to Save Your Seat

Registration Closes November 5, 2024

FREE for Contractors and Staff

*These are don't miss opportunities for your field crews and installers.*

Lunch Provided



### SESSION 1

**Mule Meets Rail**  
Engineering collaboration between Construction Robotics and EZ Scaffold



### SESSION 2

Everything you need to know for your next Adhered Veneer Job  
OMEGA Products International.



### SESSION 3

Bucking Trends in Masonry Shoring by Quick Headers  
PTS Masonry & Quick Headers Nor Cal Distributor



# UC Berkeley Anchor House Dormitory

by Morris Adjmi Architects.

MA designed the dormitory as a transition between traditional university-style neoclassical architecture and Berkeley's eclectic downtown fabric.

**Charcoal-hued hand-laid Interstate Brick** is found on the building's base, beginning at ground level and continuing toward internal courtyard areas.

Floors four through twelve feature a lighter, warm gray brick, alongside a metal grid expression. Floors thirteen and fourteen have a dark, metal two-story single bay expression.

Within, the dormitory program consists of studio, two-, and four-bedroom apartments. Each fully furnished unit features private, single bedrooms and built-in desks in front of the 7'x7' windows to access natural light and air. The apartments also include full kitchens with all major appliances, including a washer and dryer.

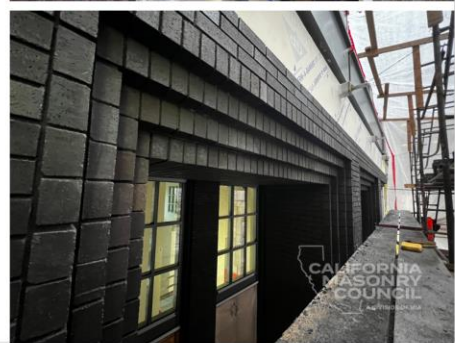
**455,000** square feet

**14** stories

**245** units

Berkeley, California, 2024

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CALIFORNIA  
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COUNCIL  
AIA/MSA/PCA

## CMC is the best resource to connect with the Masonry Trade



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# Concrete Block is Back!

Le Parc residential building in San Diego, CA.

Read more about this fantastic project by oo-d-a studio.

## Events, Webinars, and Continued Education in AEC

Are you an architect designing high energy usage facilities like:

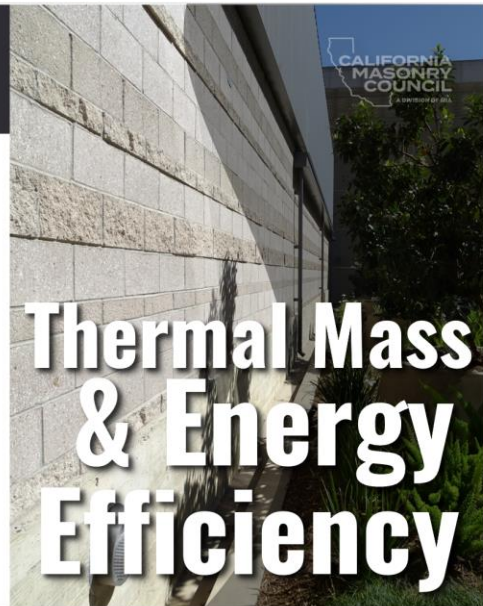
**Healthcare, Food Processing, Data Centers, Education, other...**

When designing a project with **Energy Efficiency** goals, keep in mind that by **designing with Concrete Masonry walls you increase Thermal Mass**, helping to regulate temperature inside of the buildings in both hot and cold climates.

**Increasing thermal mass using CMU walls is a powerful strategy that can be implemented on new and existing buildings.**

Insulation requirements can be reduced significantly because of passive heating and cooling, resulting in potential reduction of energy demand for HVAC and mechanical systems, and therefore lower energy demand, and lower energy cost for occupants.

Connect with experts and learn more about Thermal Mass and Energy Efficiency with by following CMC. **Stay tuned for CMC Thermal Mass Webinars.**



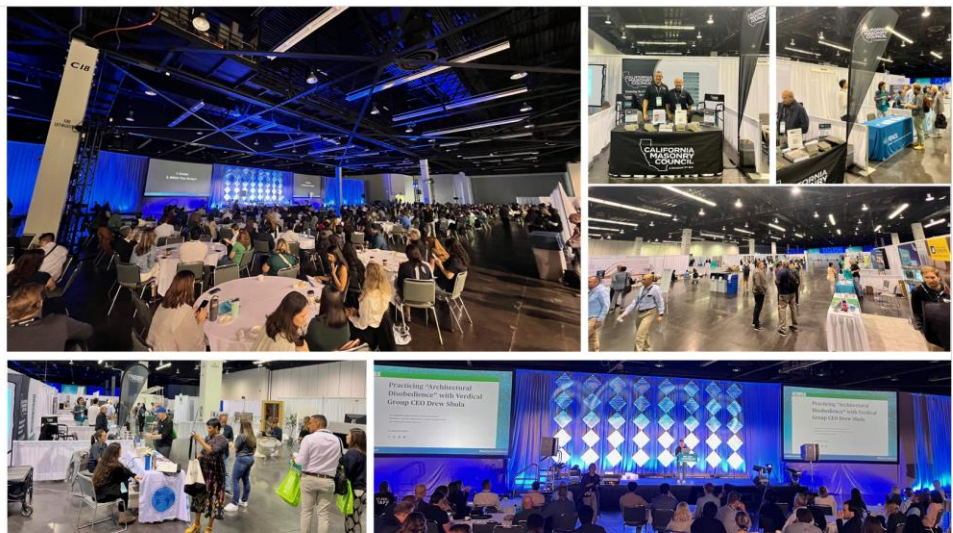
### NET ZERO 2024



CMC was proud to be an exhibitor at the Net Zero Conference for the first time.

It has been an exciting experience to witness and be part of a growing community of AEC professionals, companies, and climate leaders committed to re-envision the built environment and inspire a net zero future.

Looking forward to the next edition of this amazing event from Verdical Group.





## Sustainable, naturally sourced, cost effective

Masonry materials are sourced naturally without depleting limited resources. With their high thermal mass, masonry materials can effectively store and release heat. This helps maintain a consistent interior temperature in both hot and cold climates, reducing heating and cooling costs, being energy efficient and complying with green building codes.

## Fire-resistant and non-combustible

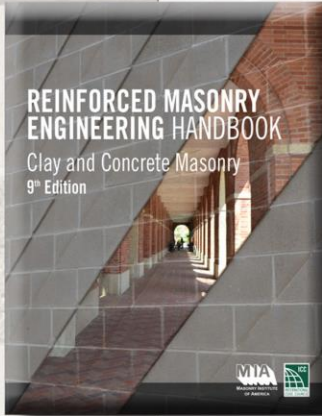
Brick and stone are non-combustible materials that can prevent the spread of fire. Concrete masonry units (CMU) and other masonry materials are often used in fire-resistant barriers to enhance safety as well.

## Durable and long lasting

Masonry is resistant to pests, rot, and certain weather conditions, contributing to its long lifespan and reduced need for frequent repairs or replacements. The industry launches new materials and technologies every year, ensuring masonry remains the best solution for long lasting and cost-effective building projects.

## A vital component of California infrastructure

In California, masonry plays a vital role in construction and infrastructure development. Masonry buildings, reinforced with steel, can withstand earthquakes and other seismic activity.



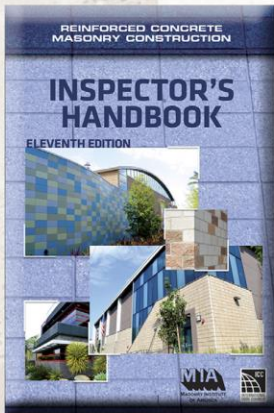
### Reinforced Masonry Engineering Handbook Clay and Concrete Masonry, 9th Edition

*Reinforced Masonry Engineering Handbook, 9th Edition*, is based on the requirements of the 2021 *International Building Code* and The Masonry Society (TMS) 402/602-16 *Building Code Requirements and Specification for Masonry Structures*. This book is useful to designers of reinforced masonry in eliminating repetitious and routine calculations. This handbook will increase the understanding and reduce the time required for masonry design.

This book addresses essential information on:

- Materials
- Masonry Assemblage, Strengths and Properties
- Distribution and Analysis for Lateral Forces.
- Design of Structural Members by Allowable Stress Design
- Design of Structural Members by Strength Design

**Price \$139.95**  
+ Tax and S&H



### Reinforced Concrete Masonry Construction Inspector's Handbook, 11th Edition

This publication is the most recognized information source written exclusively for structural masonry inspection. This book covers all aspects of reinforced concrete masonry construction and inspection. Every inspector, designer and contractor should have a copy of this most important publication.

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**MASONRY  
INSTITUTE OF  
AMERICA**



California Masonry Council (CMC)'s mission is to be a catalyst, advocate, and the best masonry resource in California.

Our organization promotes masonry as an essential design and building material while uniting our trade with the AEC community (architecture, engineering, and construction).

CMC is a non-profit organization.



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