

SUSTAINABLE

Being truly sustainable and green is more than just being LEED certified.

Concrete Masonry is regionally produced from locally sourced raw materials

Energy efficient from cradle to grave

Has integral colors that do not require painting or other maintenance

Find out more at whymasonry.org/sustainable

La Jolla Country Day School Library Academic Center
Architectural Firm: Ferguson Pape Baldwin Architects
Photo By: Frank Domin, Domin Photography



Playa Vista Fire Station No. 67
Architectural Firm: R. L. Binder, FAIA Architecture & Planning
Photo By: Derek Rath, Rath Photography
Furnished Compliments of Bernards



325 Quincy
Architectural Firm: Jeannette | Architects, Inc.
Photo by: David Guettler, Guettler Photography



Department of Motor Vehicles, San Ysidro Field Office
Architectural Firm: Roesling Nakamura Terada Architects, Inc.
Photo By: Kevin Walsh, Kevin Walsh Photography



WHY MASONRY?

4

four reasons your next building should be built with concrete masonry

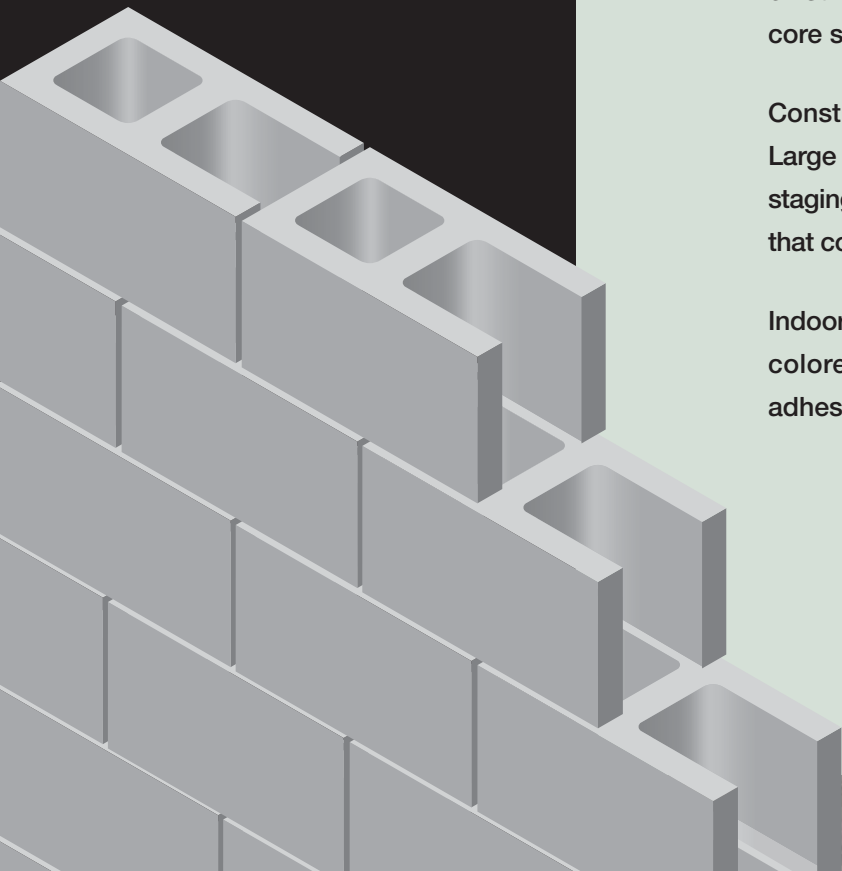
whymasonry.org

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Citrus Heights, CA 95610

WHY concrete masonry?

IT JUST
MAKES
SENSE.

For more information, visit
whymasonry.org



1 CONCRETE MASONRY IS GREEN

Using concrete masonry for construction has numerous environmental benefits.

Concrete masonry can significantly reduce the energy usage of a building, because the structure stays warmer or cooler longer. This consistent temperature helps lower energy costs by shifting peak loads to non-peak hours, while ensuring the comfort of those that live and work inside the building.

Concrete masonry is produced from local raw materials, allowing for reduced transportation costs and mitigating environmental impacts.

Concrete masonry materials can be recycled for other projects into new masonry materials or aggregates. The ability to reuse existing masonry buildings, including entire structures or the core structure, further enhances its sustainable properties.

Construction requirements for concrete masonry are minimal. Large equipment is not necessary for delivery or placement, and staging areas need not be large. These factors reduce the impact that concrete masonry construction has on the environment.

Indoor air quality is optimized for occupants, because integral colored concrete masonry materials require no paints or adhesives, and are not mold-friendly environments.

2 CONCRETE MASONRY IS AFFORDABLE

There are many long and short term cost benefits from using concrete masonry. Materials are assembled locally with the minimal amount of energy necessary for production or transportation to the construction site. On average, concrete masonry materials require half as many trips to the construction site as other materials.

Concrete masonry structures are durable, do not require significant maintenance, and noticeably lower energy costs due to the thermal mass of the material.

3 CONCRETE MASONRY IS FLEXIBLE & ATTRACTIVE

Concrete masonry is available in a wide variety of shapes, sizes, colors and textures, and is an excellent surface on which to bond stucco or other finish materials. Maintenance is low, and it will not deteriorate over time due to weather or other effects.

Concrete masonry is flexible through multiple uses – older buildings can be reused, either in their entirety or as recycled materials. Structures built with concrete masonry typically exceed the required strength for the design load, which makes reuse possible and creates a durable, lasting structure.

4 CONCRETE MASONRY IS SAFE

Concrete masonry buildings are structurally sound. They are weather, earthquake, flood and fire resistant. Concrete masonry is also superior to framed and insulated systems in blocking out noise.

A firewall built with concrete masonry is less expensive to construct and safer during a fire than a composite wood and drywall firebreak in multi-story residential applications.

There are a number of tall reinforced concrete masonry structures near earthquake epicenters that suffered virtually no damage, while other structures suffered major damage during the same disaster.

seven things you
may not know about
concrete masonry

- 1 Concrete masonry structures can be recycled and reused
- 2 Money is saved in the long term due to concrete masonry's durable, energy efficient, and low maintenance qualities
- 3 Concrete masonry has impressive acoustic benefits
- 4 There are numerous manufacturing locations in California and Nevada resulting in quick, economical transport
- 5 Concrete masonry facilitates clean indoor air because it is non toxic and resists mildew
- 6 Unlimited design flexibility is possible because it comes in a variety shapes, sizes, colors and textures
- 7 Concrete masonry gives builders an edge on meeting mandated recycled material requirements

Find out more at
whymasonry.org