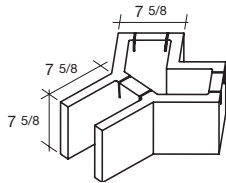
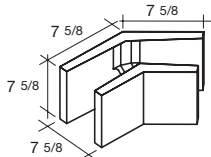
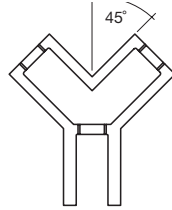


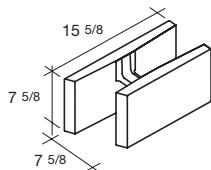
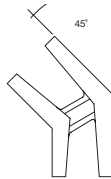
# 8-Wide 45° and Miter CMU Precision



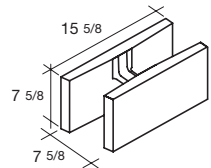
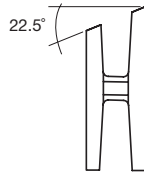
**8x8x16 Y Block Open End  
Knock-Out Bond Beam**



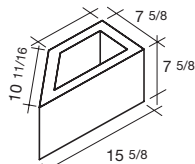
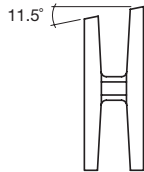
**8x8x16 45 Degree Chevron  
Double Open End Bond Beam**



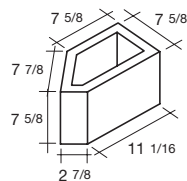
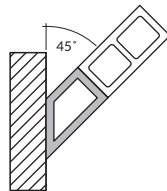
**8x8x16 22.5 Degree Miter  
Double Open End Bond Beam**



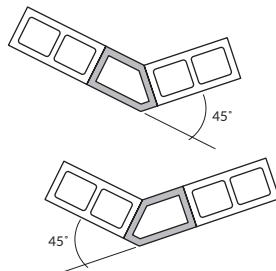
**8x8x16 11.5 Degree Miter  
Double Open End Bond Beam**



**8x8x16 22.5 Degree Miter  
Double Open End Bond Beam**



**8x8x16 11.5 Degree Miter  
Double Open End Bond Beam**



## Features

Designed for the octagonal layouts of modern detention facilities, these unit configurations provide convenient running bond coursing through 45/135 degree corners. May be limited in plant location.

## Availability

Special order only.

## Standards

Concrete masonry units manufactured by Angelus Block Co., Inc. meet ASTM C90 Standard Specification for Loadbearing Concrete Masonry Units.

## Fire Rating

Solid grouted walls 8-in wide and greater are rated at 4 hours, per CBC Table 721.1(2). For partially grouted walls, depending on the specified weight classification, 8-inch wide units are 1 hour to 2 hours, and 12-inch wide units are 2 hours to 3 hours.

## Sustainable Features

- This product is included in Type III Environmental Product Declarations for Angelus Block Concrete Masonry Units, specific to location and mix designs, and in one of six *Health Product Declarations*, as applicable for its weight classification.
- Contributes to green rating systems calculations, including Regional Materials, EPDs, and Material Ingredient Reporting.
- Angelus Block CMU help facilitate and support many more strategies and credits, including Optimize Energy Performance, Construction Waste Management, and several within Indoor Environmental Quality. Angelus Block CMU contain no VOCs.

See *Sustainable & Resilient Design: Angelus Block Products' Application to Rating Systems and Code* for detailed information. A copy is available from your representative, or as a download at [www.AngelusBlock.com](http://www.AngelusBlock.com).

Cells and web configurations as shown are representational only, and actual configurations may differ.

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**CarbonKind**™  
by Angelus Block

This is a low impact CarbonKind™ product which substantially reduces CO<sub>2</sub>e. Learn more at Angelus Block/CarbonKind.



**WARNING:** This product can expose you to Silica, crystalline (airborne particles of respirable size) which is known to the State of California to cause cancer. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

# 45° and Miter CMU

## Example Layout

