FOUNDATIONS: CONCRETE VS. CMUs

CHOOSE THE RIGHT PRODUCT FOR YOUR FOUNDATION PROJECT





BUILD ON THE BEST OF BOTH

While benefits of CMUs exceed those of Poured Concrete, best results are achieved in utilizing the advantages of both products. **The diagram below illustrates the preferred method by combining CMUs and Poured Concrete.** The result is a foundation with the structural performance of Poured Concrete and the visual appeal, convenience, and cost-effectiveness of CMUs.

POURED CONCRETE + CMUs

CONCRETE STRENGTH

• Concrete masonry units filled with concrete provides comparable wall strength of Poured Concrete at minimal cost

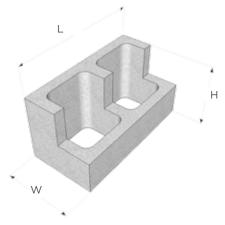
RE-BAR REINFORCEMENT

 If desired or required, re-bar can be installed for added wall reinforcement for CMU foundations with minimal cost

CMU CONVENIENCE

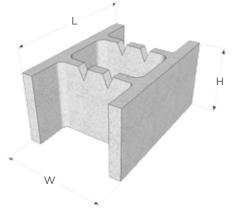
- Design versatility allows for ease of installation for ribar placement
- CMUs provide aesthetic appeal to exterior and interior facing walls
- Majority of foundation built using CMUs provides lowest cost solution

COMMON CMU OPTIONS



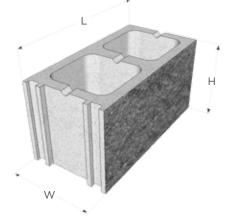
STANDARD UNIT (HEADER)

Commonly used for residential foundation construction, Standard Units are the most cost-effective CMU option.



STANDARD UNIT (RETAINING WALL)

Standard Retaining Wall CMUs provide re-bar grooves for maximum strength at a low cost (illustrated in diagram above).



SPLIT-FACED UNIT

Split-Faced CMUs are commonly used for commercial foundations to achieve maximum performance with visual appeal.

