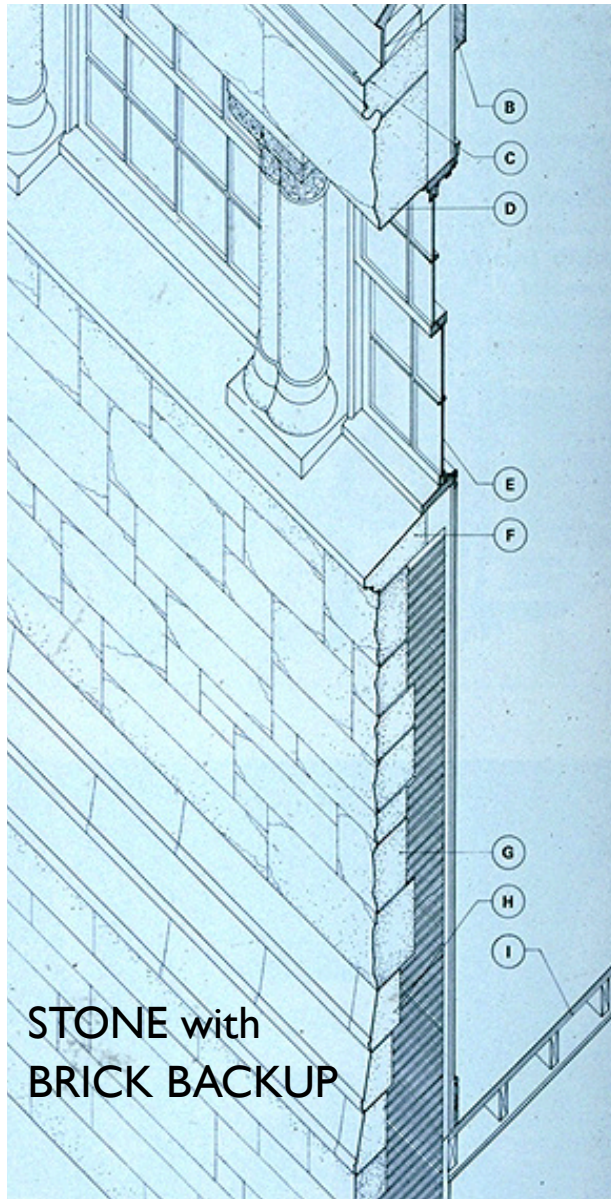




BUILDING TECHNOLOGY I

Stone and Concrete Masonry

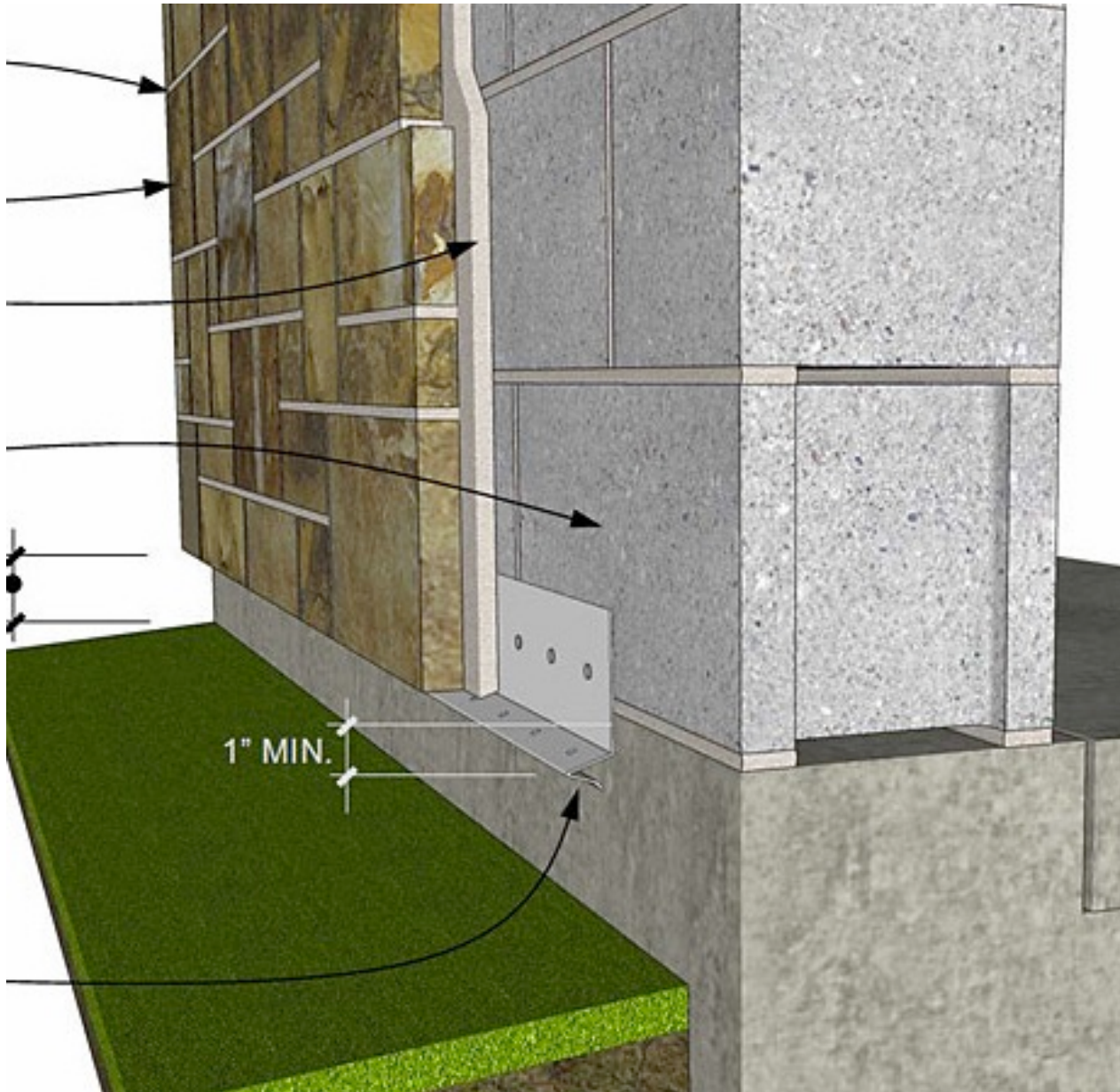
STONE MASONRY CONSTRUCTION: load bearing walls



STONE MASONRY & STONE CLADDING: composite walls



STONE MASONRY & STONE CLADDING: composite walls

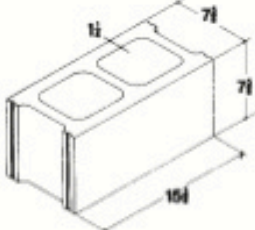
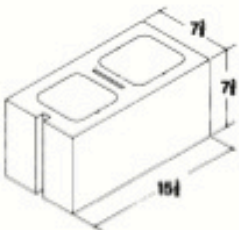
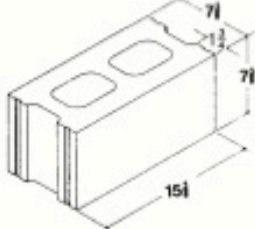
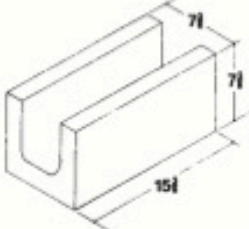
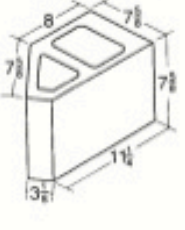
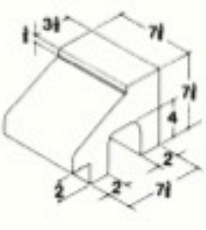


CONCRETE MASONRY UNITS: versatile, economical

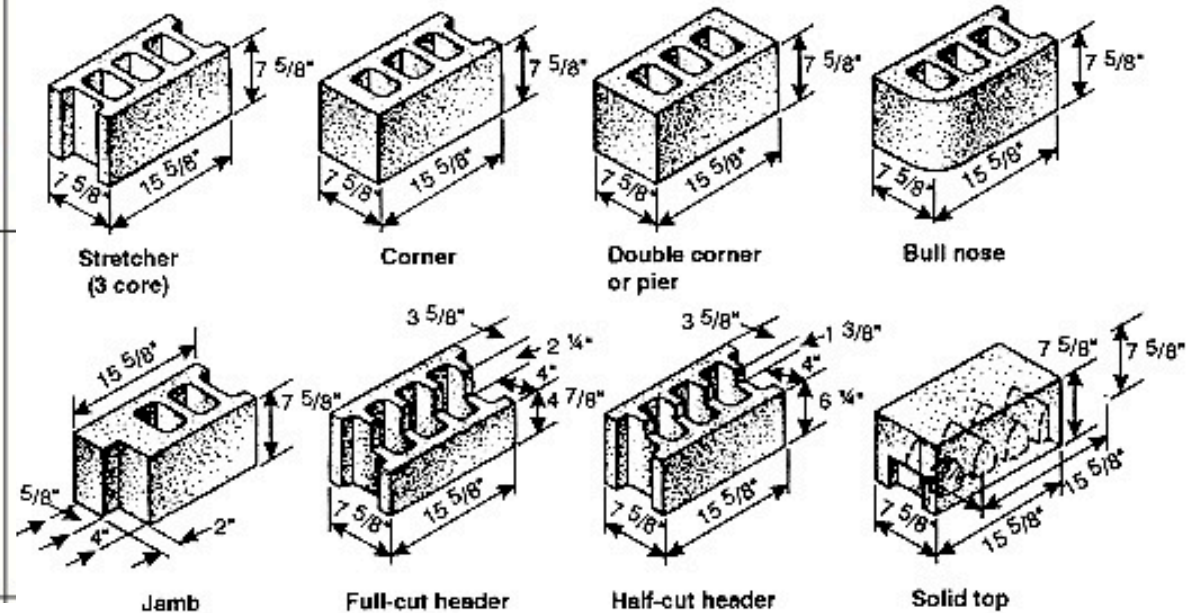
STRONG IN COMPRESSION
FIRE RESISTANT
DURABLE



CONCRETE MASONRY UNITS: modular and variety

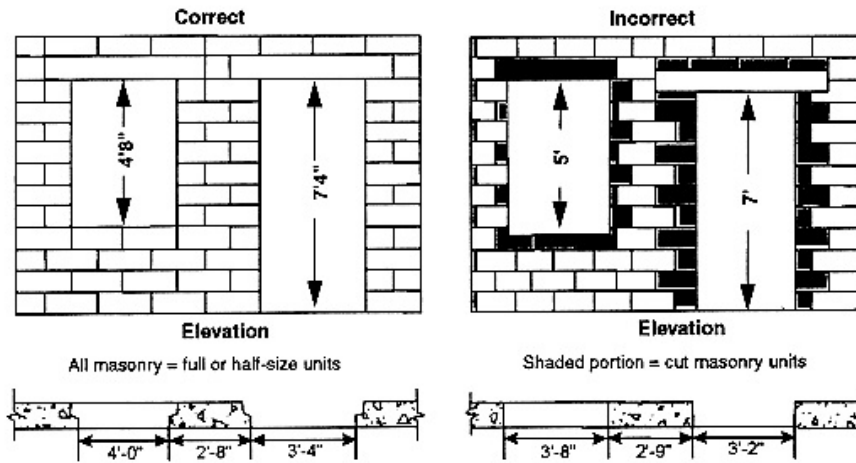
 <p>80000 8" Plain</p>	 <p>80200 8" Full Jamb</p>
 <p>81600 8" Fire Rated</p>	 <p>83100 8" Bond Beam</p>
 <p>84500 8" 45° Corner</p>	<p><i>SPECIAL ORDER</i></p>  <p>85000 8" Sill Block</p>

SIZES BASED ON
8" CUBIC
MODULE



CONCRETE MASONRY UNITS:

course layout



NOTE: Planning is based on 8" X 8" X 16" concrete block.



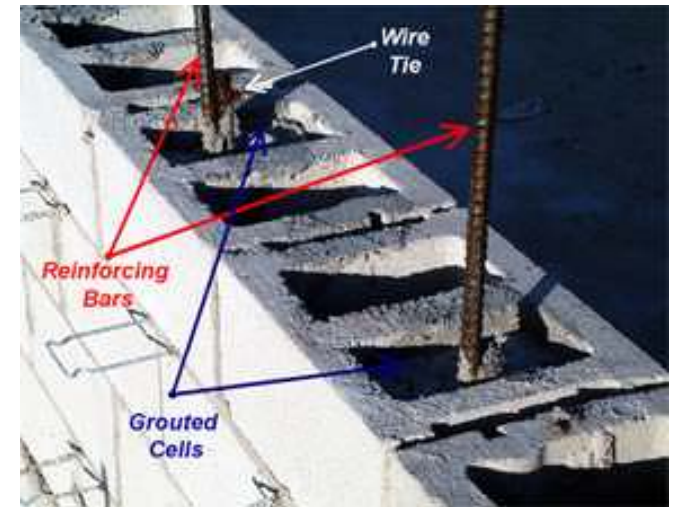
CONCRETE MASONRY UNITS:



REINFORCEMENT
ADDS TENSILE
RESISTANCE

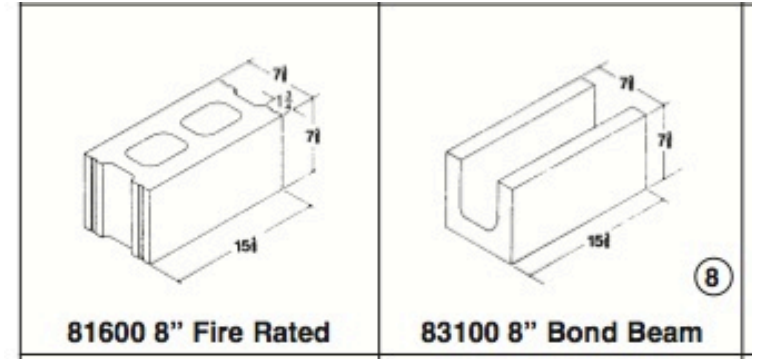


reinforcement



CONCRETE MASONRY UNITS:

bond beams



CONCRETE MASONRY:

summary



- cmu is the workhorse masonry unit
- durable, fire resistant
- strong in compression, with reinforcement can work in tension
- economical back up to more rich veneer materials

STONE MASONRY:



summary

- stone is limitless
- plastic quality facilitates sculptural expression
- flexible: from massive bearing walls to thin cladding material
- durability imparts sense of permanence
- weathers beautifully