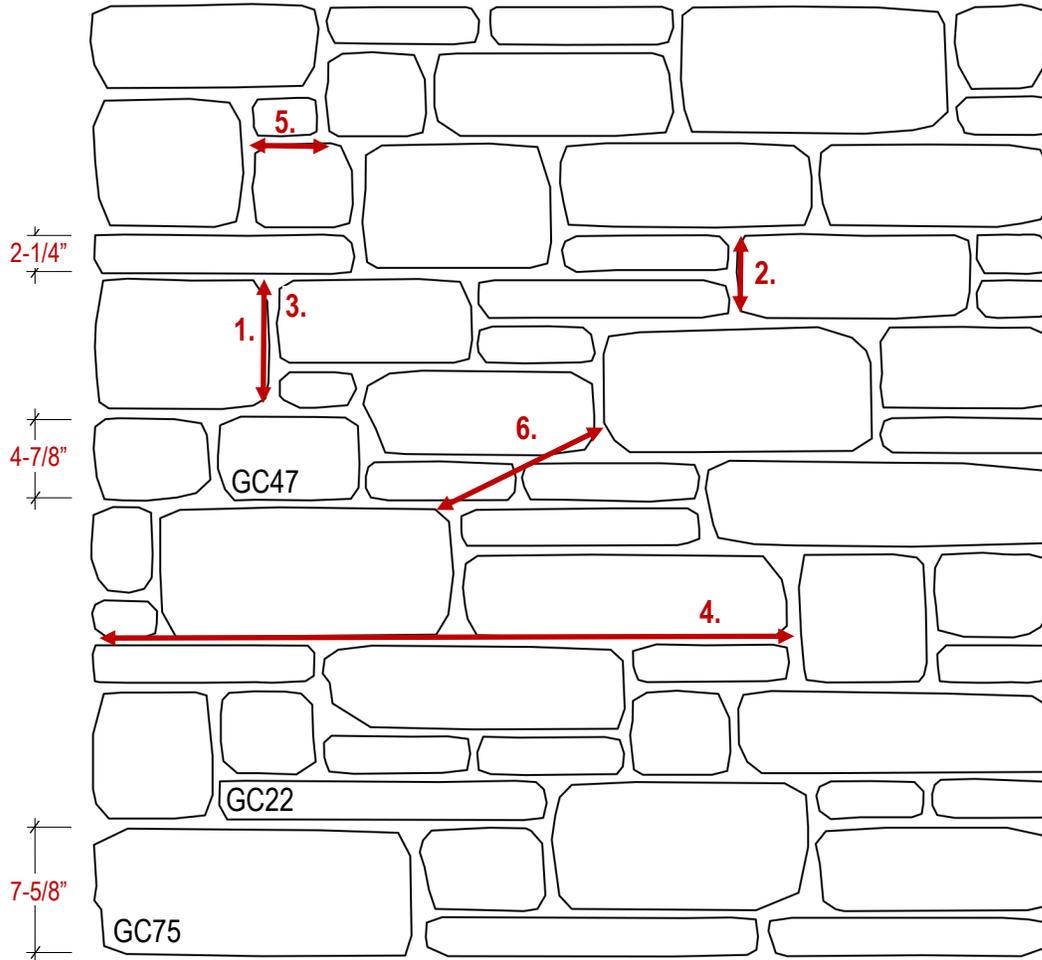


3-Unit Georgia Citadel® Building Stone

Typical Elevation • 20:50:30 Bond • 1/2" Mortar Joints



Guidelines for Installation:

1. A GC22+GC47 combination will bond with one GC75.
2. Two GC22 units laid on top of each other will bond with one GC47.
3. Vertical joints are generally formed with a combination of three units. Maximum vertical joint is the height of the tallest unit.
4. Maintain a maximum 3—4 foot horizontal joint length depending on wall dimensions.
5. Minimum 4" overlap of vertical joints.
6. GC75 units must not touch one another. To maintain the standard ratio of sizes in the wall, GC75 units should be placed approximately 1 foot apart.

Avoid:

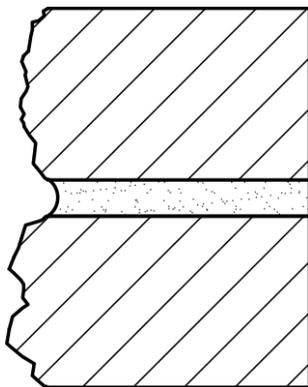
- Stepping or stringing together more than 2—3 units of the same height.
- Creating box patterns in the wall.

Size	Percent	Pieces* per 32 sq.ft.
GC22	20	14
GC47	50	18
GC75	30	7

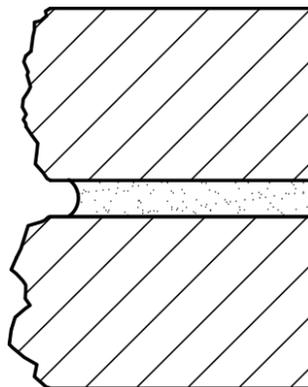
*One Piece is based on a 23-5/8" length and may be comprised of 2 or more individual stones.

General Installation Guidelines

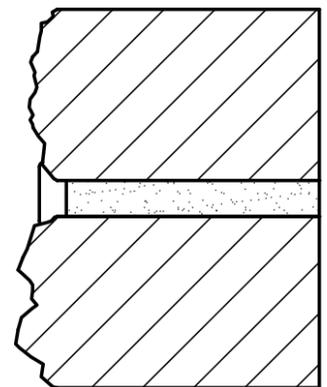
- Arriscraft recommends the use of a Portland cement-lime mortar, proportioned to a 1:1:6 ratio.
- Masonry units should be laid with full head and bed joints except where they are used for weep holes or ventilation.
- Bevel mortar from rear face to prevent protrusion into cavity.
- Prevent excessive mortar droppings by cutting off excess mortar with trowel as the units are laid.
- Butter head joints of unit being placed in wall.
- Place unit to tightly compress mortar.
- Do not re-adjust unit once it has been set in place.
- Tool joints when mortar is thumbprint hard. This timing will depend on the mortar properties and weather conditions.
- Tool joints to a tightly compressed surface to achieve the most weather resistance. Concave tooled joints provide the best resistance to moisture penetration.
- After tooling, any excess mortar and dust should be brushed from the masonry surface using a soft bristle brush. Avoid rubbing or pressing the mortar into the units.
- Refer to additional guidelines in the Arriscraft [Care, Cleaning, and Maintenance](#) document.



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