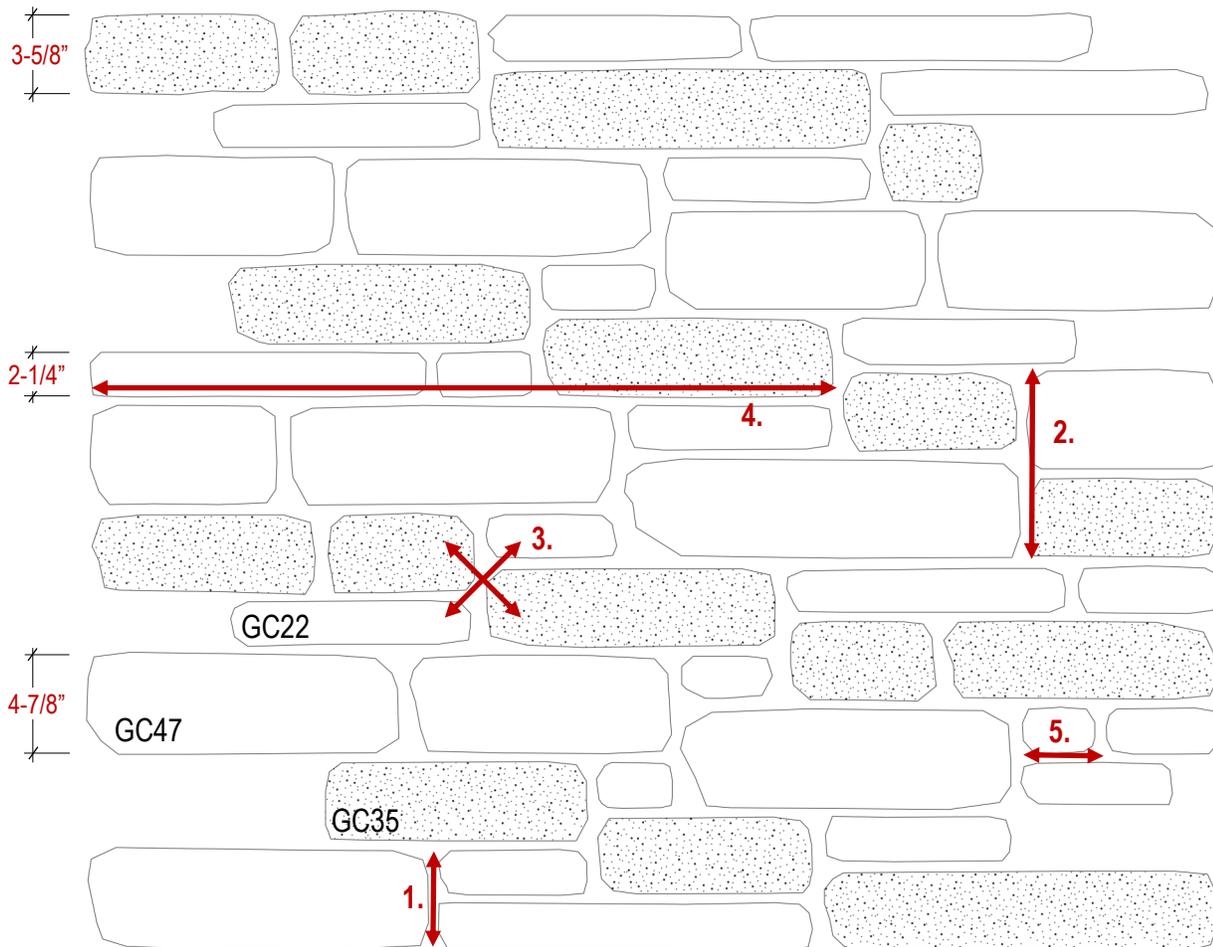


3-Unit Georgia Citadel® Building Stone

Typical Elevation • 25:50:25 Bond • 1/2" Mortar Joints



Guidelines for Installation:

1. Two GC22 units laid on top of each other will bond with one GC47.
2. Vertical joints are formed with a combination of units. Maximum vertical joint: GC35 + 1/2" mortar joint + GC47 = 9".
3. GC35 units should form a staggered bonding line by crossing with GC22s or GC47s.
4. Maintain a maximum 3—4 foot horizontal joint length depending on wall dimensions.
5. Minimum 4" overlap of vertical joints.

Avoid:

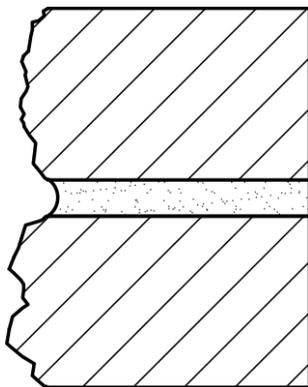
- Stepping or stringing together more than 2—3 units of the same height.
- Creating box patterns in the wall.

Size	Percent	Pieces* per 32 sq.ft.
GC22	25	17
GC35	50	23
GC47	25	9

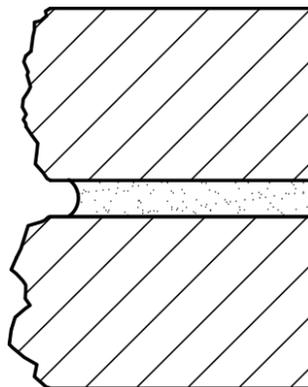
*One Piece is based on a 23-5/8" length and may be comprised of 2 or more individual stones.

General Installation Guidelines

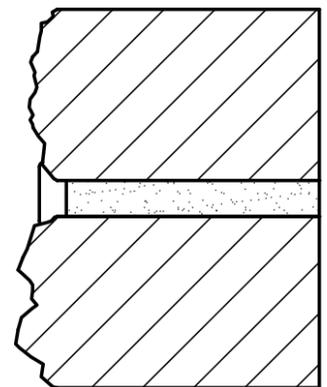
- Arriscraft recommends the use of a Portland cement-lime mortar, proportioned to a 1:1:6 ratio.
- Masonry units should be laid with full head and bed joints except where they are used for weep holes or ventilation.
- Bevel mortar from rear face to prevent protrusion into cavity.
- Prevent excessive 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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