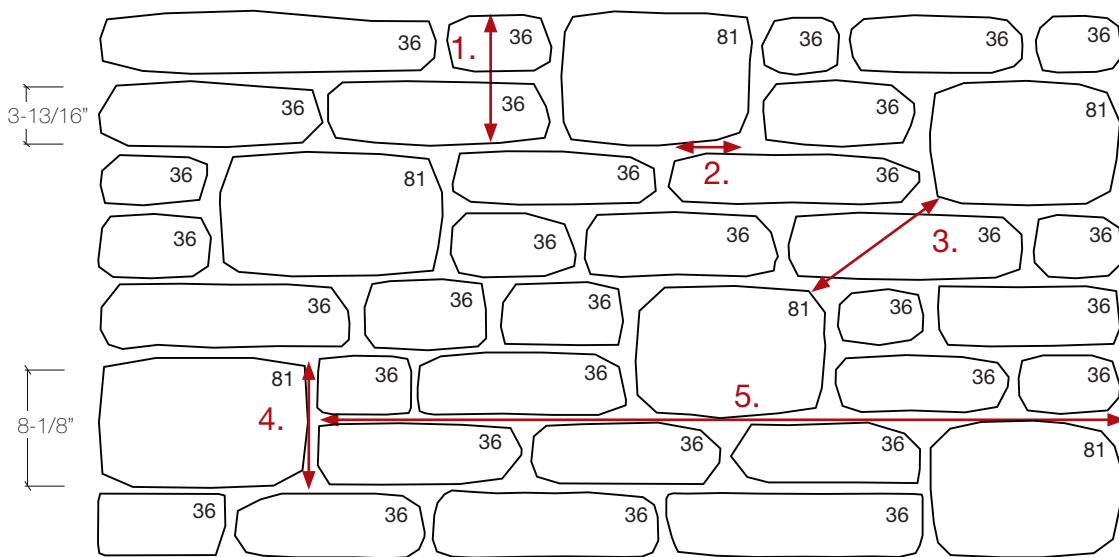


# 2-Unit Citadel<sup>®</sup> Building Stone

Typical Elevation • 75:25 Bond • 1/2" Mortar Joints



## Guidelines for Installation:

1. Two CIT36 units laid on top of each other will bond with one CIR81 unit.
2. Maintain a minimum 4" between vertical joints.
3. CIT81 units must not touch one another. To maintain the standard ratio of sizes in the wall, CIT81 units should be placed approximately 1 - 1-1/2 feet apart.
4. Maximum vertical joint is the height of the tallest unit.
5. Maximum 4 to 5 foot horizontal joint length depending on wall dimensions.

## Avoid:

- Creating box patterns in the wall.

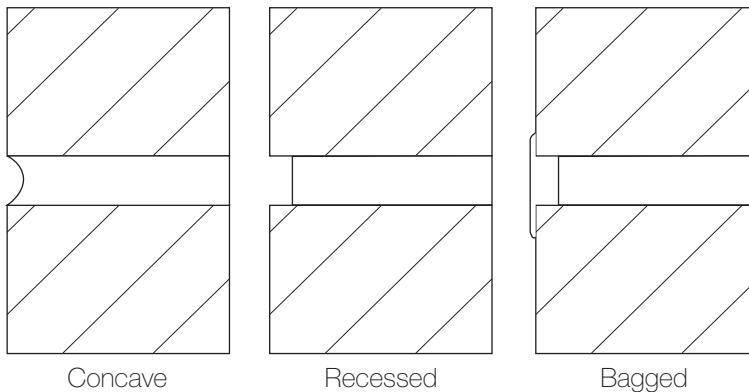
Size	Percent	Pieces* per 32 sq. ft.
CIT36	75	33
CIT81	25	6

\*One piece equals 2 lineal feet and may be comprised of 2 or more pieces.

# 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 on the BASIC CARE sheet.

## Joint Profile:



October 2016