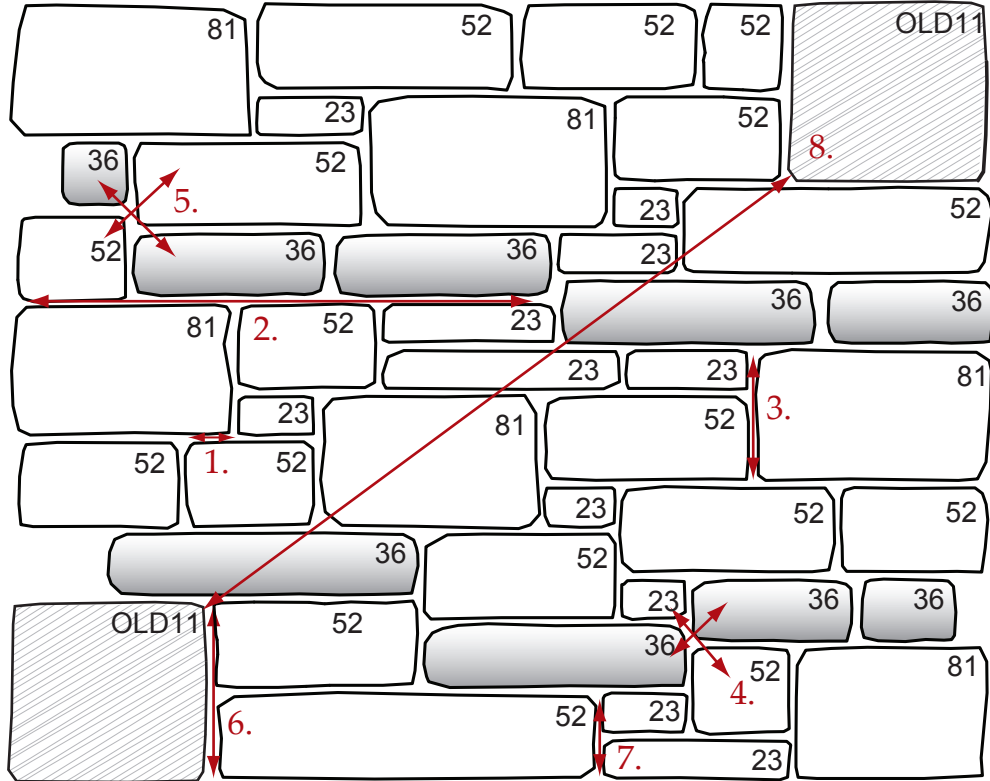


5-Unit Citadel[®] Building Stone

Typical Elevation • 10/20/40/20/10 Bond • 1/2" Mortar Joints



Guidelines for Installation:

1. Minimum 4" overlap of vertical joints.
2. Maximum 3 to 4 foot horizontal joint length depending on wall dimensions.
3. One CIT23 laid on top of one CIT52 will bond with one CIT81.
4. CIT36 units should form a staggered bonding line by crossing with CIT23s and CIT52s.
5. Always use CIT36 in a cross pattern. Example: CIT36/CIT52.
6. Two CIT52s will bond with one OLD11. Maximum vertical joint is the height of the tallest unit.
7. Two CIT23s will bond with one CIT52.
8. To maintain the standard ratio of sizes, OLD11 units should be placed approximately 3 feet apart. OLD11 units should not touch each other.

Size	Percent	Pieces* Per 32 Sq.Ft.
CIT23	10	7
CIT35/36	20	9
CIT52	40	14
CIT81	20	4
OLD11	10	2

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

Avoid:

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

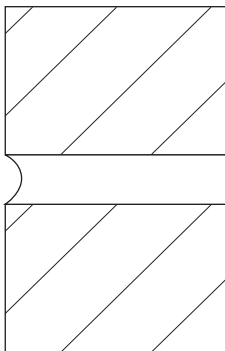


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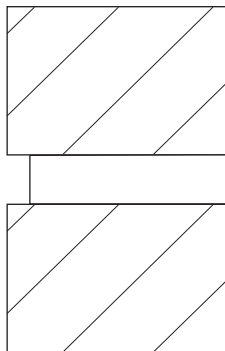
General Installation Guidelines

- 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.

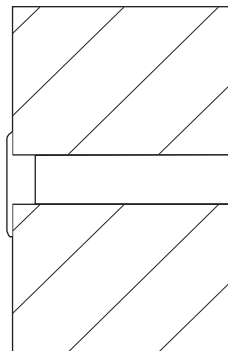
Optional Joint Profiles:



CONCAVE



RECESSED



BAGGED