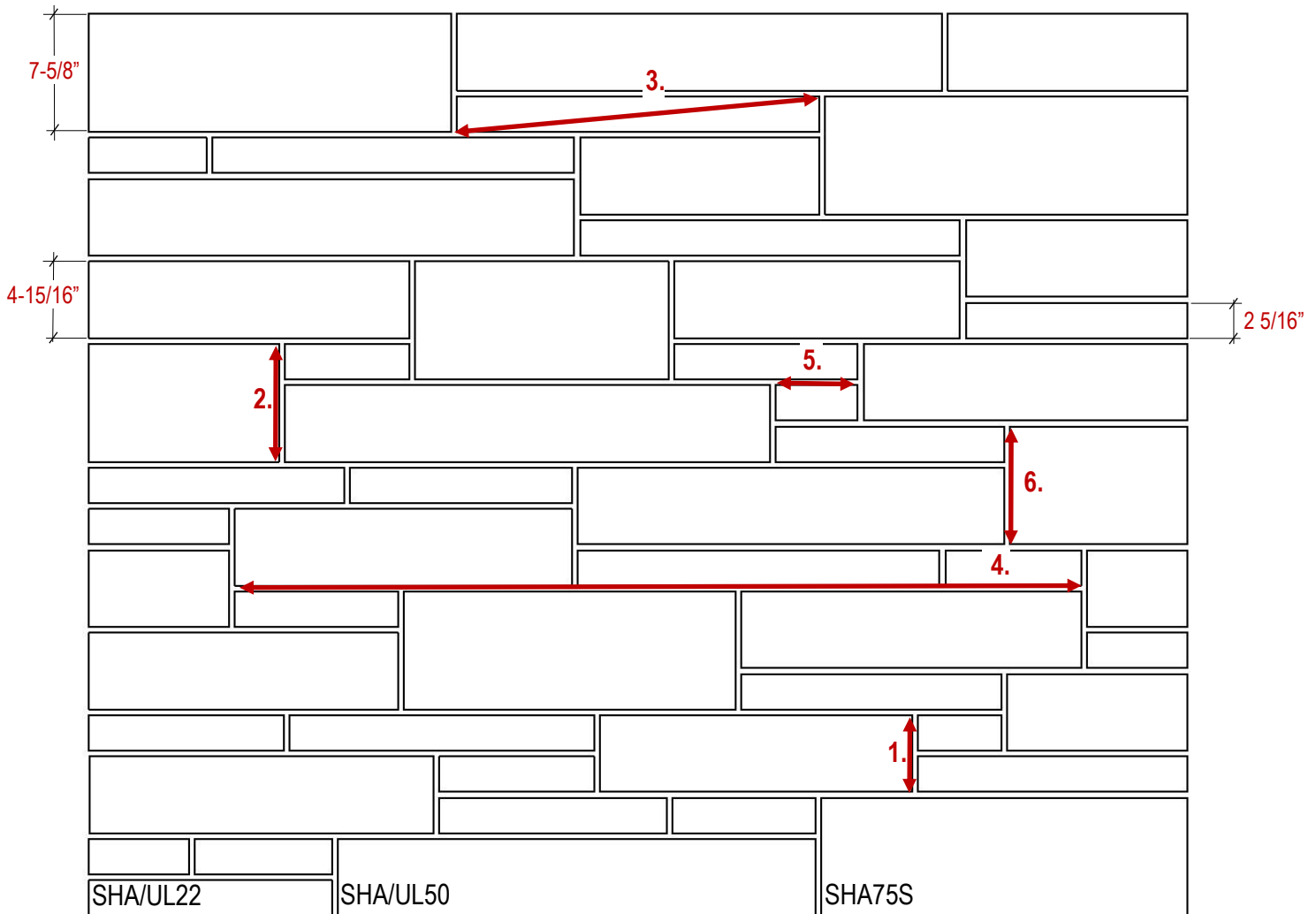


3-Unit Shadow Stone[®] Building Stone

Typical Elevation • 20:50:30 Bond • 3/8" Mortar Joints



Guidelines for Installation:

1. Two SHA/UL22 units load on top of each other will bond with one SHA/UL50.
2. A SHA/UL22 and SHA/UL50 combination will bond with one SHA75S.
3. To maintain the standard ratio of sizes in the wall, SHA75S should be placed approximately 2 feet apart. SHA75S units should not touch each other.
4. Maximum 5 to 6 foot horizontal joint length depending on wall dimensions.
5. Minimum 4" overlap of vertical joints.
6. Vertical joints are generally formed with a combination of three units. Maximum vertical joint is 7-5/8".

Avoid:

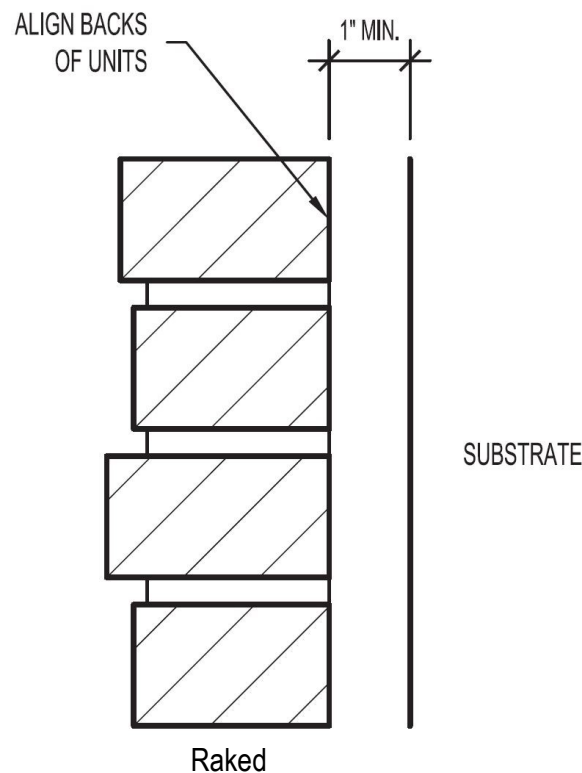
1. Stepping or stringing together more than 2 units of the same height.
2. Creating box patterns in the wall.

Size	Pieces* per 32 sq.ft.	Nominal Length of one piece
SHA/UL22	14	24"
SHA/UL50	14	32"
SHA75S	7	24"

*One piece is based on a 23-5/8" length and may be comprised of 2 or more individual stones. For SHA/UL50, one piece is based on a 31-5/8" length.

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.



August 2019