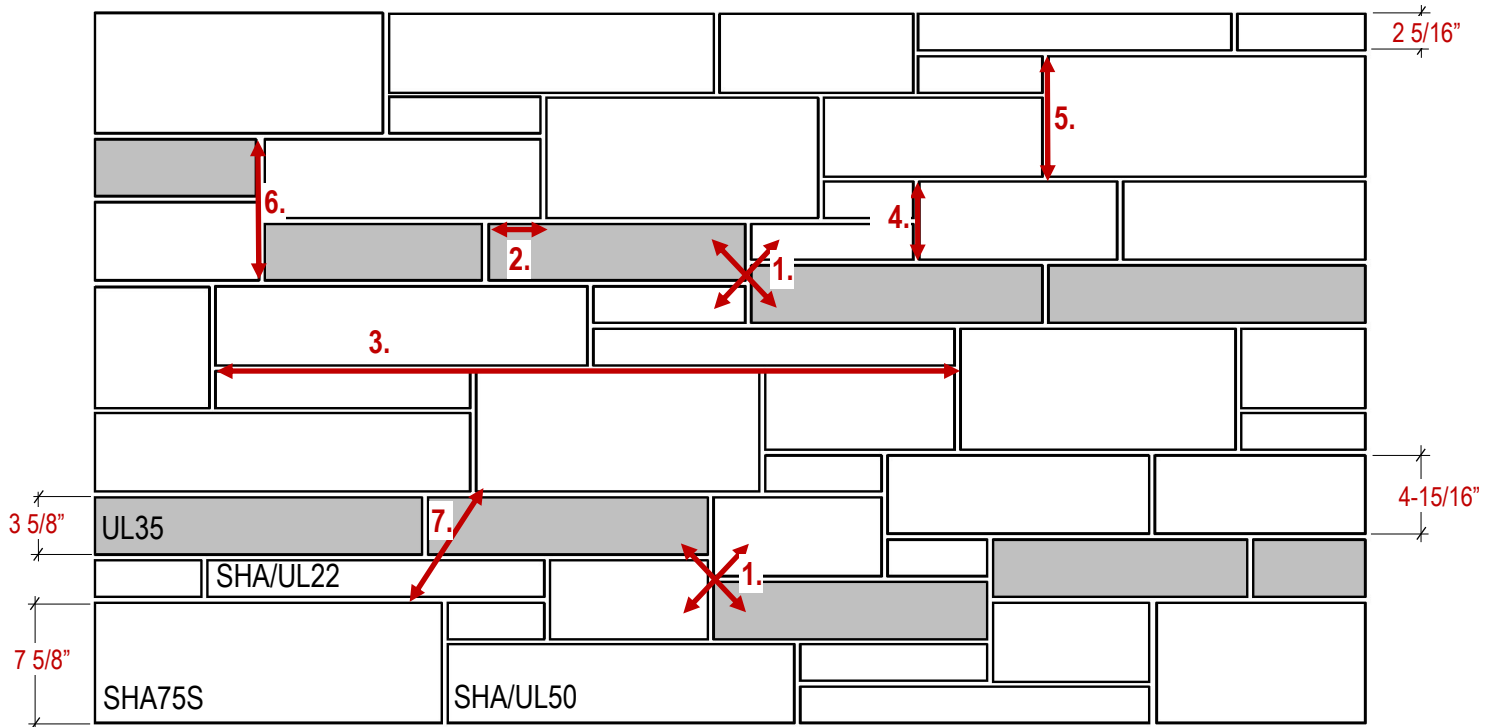


# 4-Unit Shadow Stone<sup>®</sup>/Urban Ledgestone

Typical Elevation • 20:20:40:20 Bond • 3/8" Mortar Joints



## Guidelines for Installation:

1. START units should form a staggered bonding line by crossing with SHA/UL22 and SHA/UL50.
2. Maintain a minimum 4" between vertical joints.
3. Maintain a 4-5 foot horizontal joint length depending on wall dimensions.
4. Two SHA/UL22s will bond with one SHA/UL50.
5. A SHA/UL22 and SHA/UL50 combination will bond with one SHA75S.
6. Maximum vertical joint is formed when crossing an SHA/UL50 with a START (= 9"), and is the height of the tallest unit.
7. To maintain the standard ratio of sizes in the wall, SHA75S should be placed approximately 1—1 1/2 feet apart. SHA75S units should not touch each other.

## Avoid:

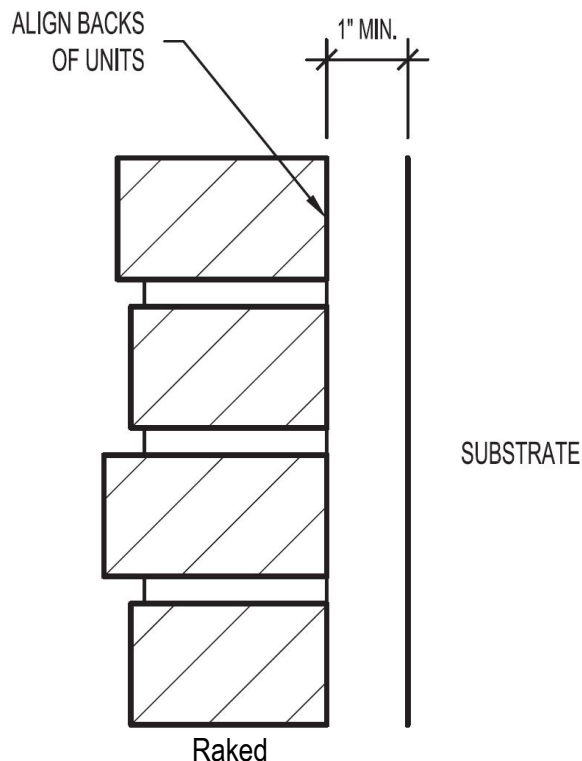
- Creating box patterns in the wall.
- Stepping or stringing together more than 2 units of the same height.

Size	Pieces* per 32 sq.ft.	Nominal Length of one piece
SHA/UL22	14	24"
UL35	7	32"
SHA/UL50	11	32"
SHA75S	4	24"

\*One piece equals 2 lineal feet and may be comprised of 2 or more pieces. UL35 equals 2'-8" 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 a 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.



SEPT 2020