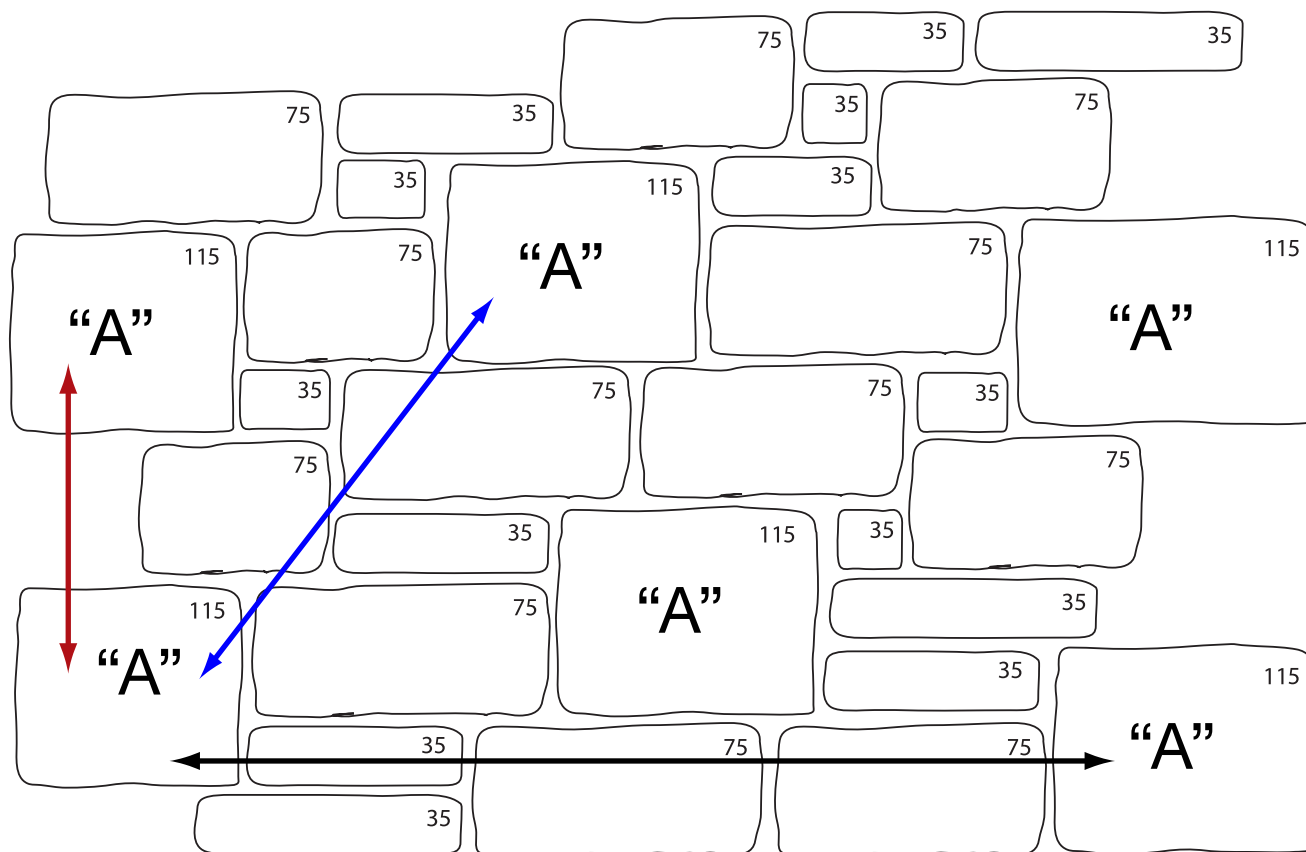


MASON'S TIP # 7

Guideline for Maintaining or Adjusting Bond

This procedure describes the unit spacing for achieving the desired bond ratio.

This guideline will assist a mason in determining relative placement of units to achieve the desired bond ratio (proportion of sizes) in a random ashlar stone pattern. As well, the overall look of the wall can be adjusted to a "lighter" or "heavier" appearance by changing the spacing of the largest face rise unit.



"A" = Alpha Unit: the unit with the highest face rise.

RED = approximately 1 foot spacing = 30% of wall area

BLUE = approximately 2 foot spacing = 20% of wall area

BLACK = approximately 3 foot spacing = 10% of wall area

EXAMPLE: With Cumberland Building Stone, the standard bond ratio is 20:50:30. To achieve this, the Alpha units are generally spaced at a distance of one foot from each other (see red line). If a customer wants to have a lighter overall look to the wall, the Alpha units can be spaced at 2 feet (approximately 20%) or 3 feet (approximately 10%) apart.