

Concrete Stone & Tile Corp.

CST Formulas At A Glance Site Preparation

BASE MATERIAL CALCULATIONS:

The following formula is used to calculate the amount of base material (3/4 QP).

Step 1: Length x Width = Area (Measured in square feet)

Step 2: Area ÷ 12 x Inches of Base Required = Total Cubic Feet of Base

Step 3: Cubic Feet of Base x 1.25 (compaction factor) ÷ 27 = Yards of Base Needed

BEDDING SAND CALCULATIONS:

The following formula is used to calculate the amount of bedding sand or stone dust (Clean, sharp, well graded). Note: 1" to 1 1/2", but no greater than 1 1/2".

Step 1: Length x Width = Area (Measured in square feet)

Step 2: Area ÷ 12 x 1" (typical thickness) = Cubic Feet of Sand

Step 3: Cubic Feet of Sand ÷ 27 = Yards of Sand Needed

EDGE RESTRAINT CALCULATIONS:

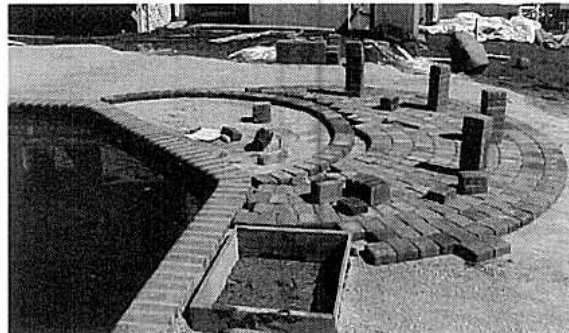
The following formula is used to calculate the amount of edging.

Step 1: Measure the total linear footage of job, less any existing edge (foundation, curbing, wall etc.)

Step 2: Total Lineal Feet of Snap Edge Required ÷ 8' = Total Pieces of Snap Edge required.

Step 3: Spikes Required - Driveway 1 Per 1 L/F

Walkway 1 Per 2 L/F



**Calculation formulas are provided as a service by CST for estimating material requirements. CST will not be held responsible in any way for resulting product overage or shortage.*