

# DIAMOND® SERIES -ESTIMATING MATERIALS

## 1. HOW MANY WALL UNITS ARE NEEDED?

Determine the square footage of the total wall, including buried base course. Wall square footage (SF) = length (L) x height (H).

Formal Face:  $SF \times 1.39 = \text{_____} \# \text{ units}$

x .67 Retaining (using of each size)

## 2. HOW MANY CAP UNITS WILL I NEED?

Convert wall length (L) to inches:  $L \times 12 = \text{_____}$  L in inches (LI). Cap factor (CF) = cap front inches + cap back inches ÷ 2. (Additional caps will be needed for elevation changes and curves, factor 10%.)

$LI \div CF = \text{_____ caps.}$

## 3. HOW MUCH GEOSYNTHETIC REINFORCEMENT STRUCTURAL BACKFILL DO I NEED?

Choose the appropriate estimating chart based on your project conditions. For curved walls add 10%.