

# GRADE STONE

**LIGHTER. FASTER. SMARTER.**

## An Engineered Earth Retention Product

### The 1-2-6 Advantage

- One product
- Two systems
- Six Structural Solutions

#### ■ IMPROVING SRW SOLUTIONS:

- 33% more product and 32% less weight than traditional one square foot SRW's
- GradeStone® is more economical and flexible than other SRW or machine-laid products

#### ■ BELOW GRADE:

- Fills: Geogrid Reinforced (MSE)
- Cuts: Modular System
- Poor Soils: Slide Stop
- Sustainable Sites: Green Walls

#### ■ ABOVE GRADE:

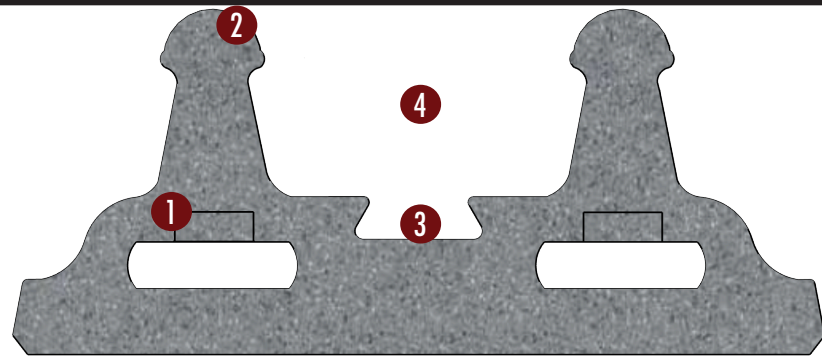
- Barriers/Parapets
- Columns
- Planters

#### ■ AESTHETICS:

- Optional Textures and Geometry

#### ■ ALIGNMENT:

- Reversible Alignment Plug (RAP)
- Concrete Alignment Nub (CAN)



1. TOP UP ALIGNMENT = TOP UP IN WALL
2. ERGONOMIC REAR LEG HAND HOLDS
3. FEMALE GRIDLOCK FOR MODULAR BIN CONSTRUCTION
4. LARGE VOID AREA EASING INSTALLATION OF UNIT FILL

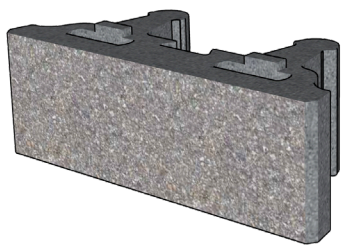
## The Smarter Scaled Solution

### ■ SEGMENTAL RETAINING WALLS

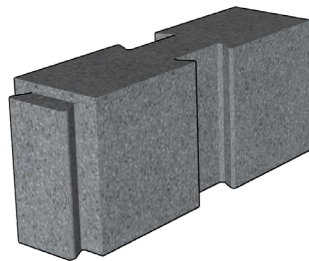
- 24 x 8 x 10 1/8" (1.33 Sqft)
  - ~73lbs\* (55 lbs/Sqft)
  - Typical 1 Sqft SRW weighs ~78lbs

### ■ PRECAST MODULAR BLOCKS

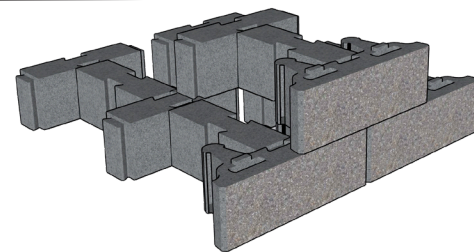
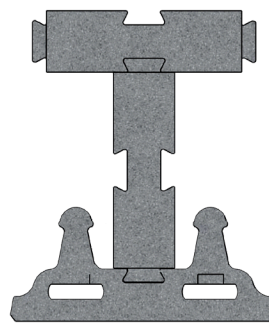
- 48 x 16 x 20.25" (5.33 Sqft)
  - ~576lbs\* (108 lbs/Sqft)
  - Closest competing system weighs ~1,230lbs
- 72 x 24 x 30.50" (12 Sqft)
  - ~1,944lbs\* (162 lbs/Sqft)
  - Closest competing system weighs ~4,320lbs



**GradeStone**  
24" x 8" x 10 1/8"



**Trunker**  
20" x 8" x 5 1/2"



**Single Cell:** ~28" Deep

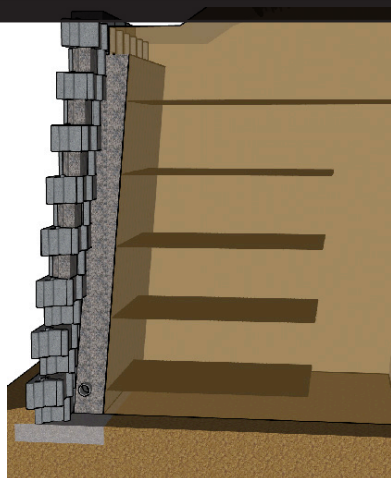
**Additional Cells:** +23" each  
additional cell

## Two Systems

**MSE:** "Fill" sites typically are best served by Core combined with Geogrid reinforcement (MSE).

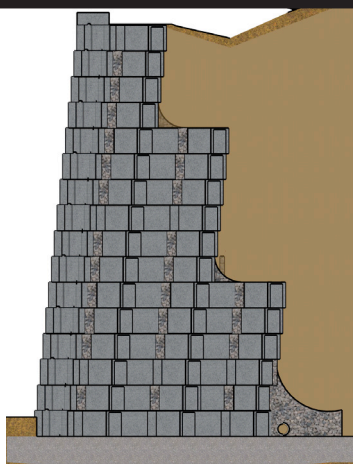
**Modular:** Assemble the components and place the aggregate, it's that easy. Modular's narrow footprint typically requires 30% less depth than MSE, allowing a fit on tight sites, minimizing excavation, and allowing for all weather construction.

## Structural Solutions



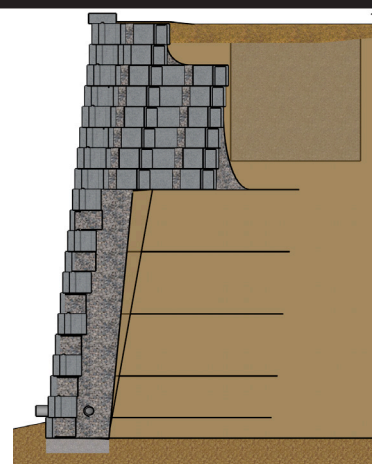
### GradeStone® MSE

With Geogrid (MSE) reinforcement  
for use in "Fills"



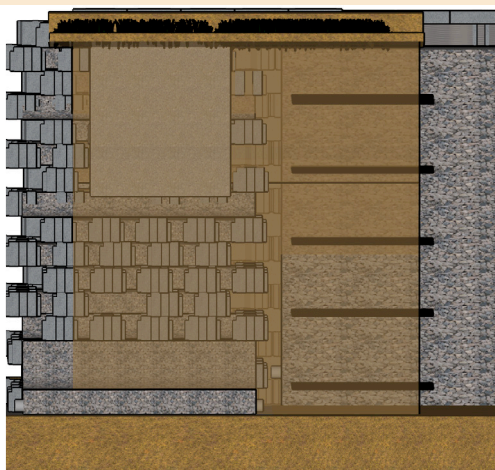
### GradeStone® Modular

Components assembled into "Cells,"  
form narrow walls ideal for "Cuts"



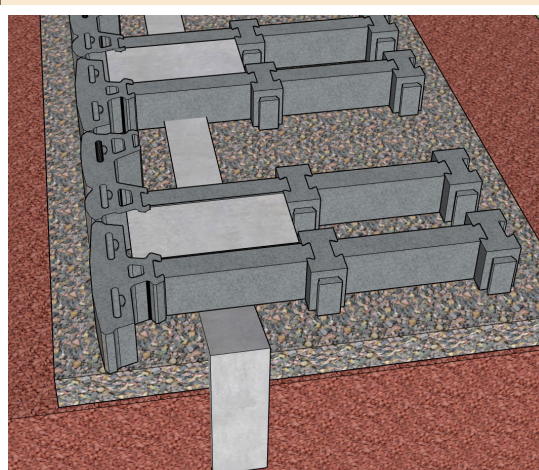
### Vertical Hybrid

Combine the two systems above or  
below



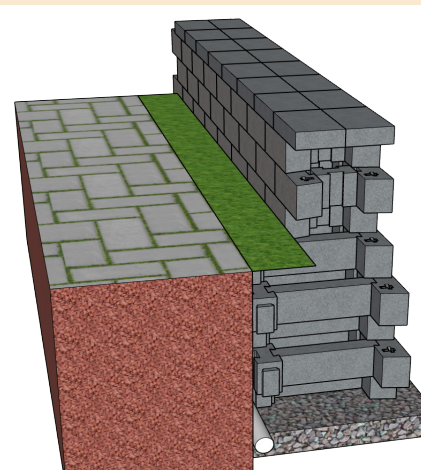
### Lateral Hybrid

Combine the two systems  
side by side



### Slide Stop®

When soils are weak and the wall must  
be narrow



### Barrier/Parapets/Columns

Create above grade features  
using Modular components