



 **STONE STRONG** SYSTEMS®



What is it that makes Stone Strong Systems the best block in precast? In a word — everything. Everyone knows we're the biggest block in the industry. But what they may not know is that we're the industry's most efficient, complete retaining wall system as well. Or that our big block system is the first to be fully engineered both structurally and geotechnically. So no matter what you're looking for — size, speed or strength — Stone Strong Systems can meet your project requirements.



SIMPLE

Lift/alignment loops ensure blocks interlock precisely and align units for consecutive level courses. Stone infill securely locks blocks together without any mechanical assistance.



ROBUST

24-square-foot block reduces labor costs and installation time, while its sheer size and weight provides structural strength without any need for tie-backs or additional mechanics.



EFFICIENT

The system's unique hollow cavity means less weight per square foot, which translates into reduced transportation cost and a much faster, easier, and less costly installation — install 1,500 square feet of block a day.



INNOVATIVE

Innovative hollow design makes Stone Strong the only wall system in the industry to feature a fully integrated drainage system requiring no additional parts or labor.



STONE STRONG SYSTEMS®


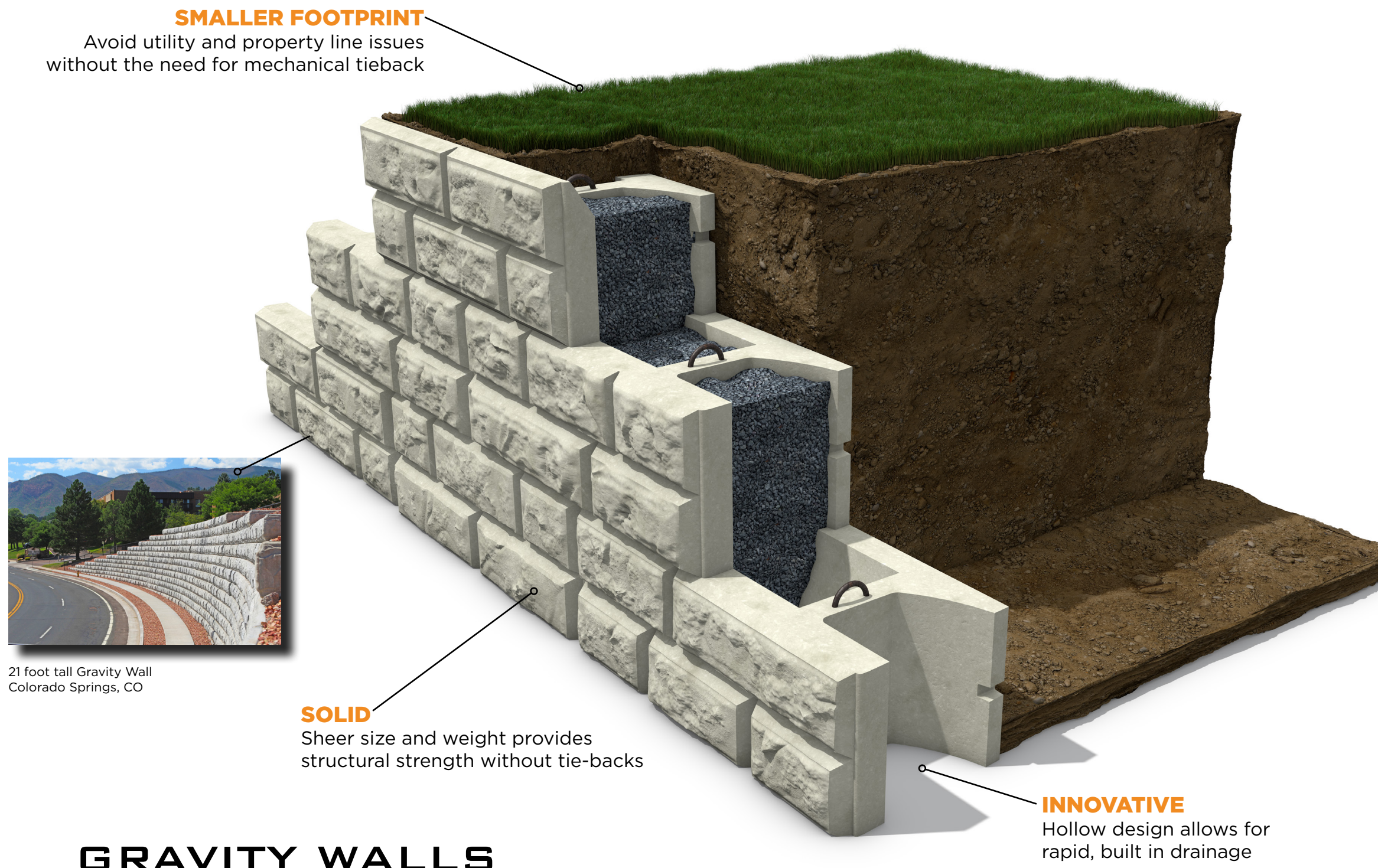


A COMPLETE SYSTEM

SMALLER FOOTPRINT
Avoid utility and property line issues without the need for mechanical tieback

SOLID
Sheer size and weight provides structural strength without tie-backs

INNOVATIVE
Hollow design allows for rapid, built in drainage



21 foot tall Gravity Wall
Colorado Springs, CO

GRAVITY WALLS

ROBUST
24SF block weighing 6,000LBS

STRONG
Precast Concrete - Minimum 4,000PSI means a less permeable product


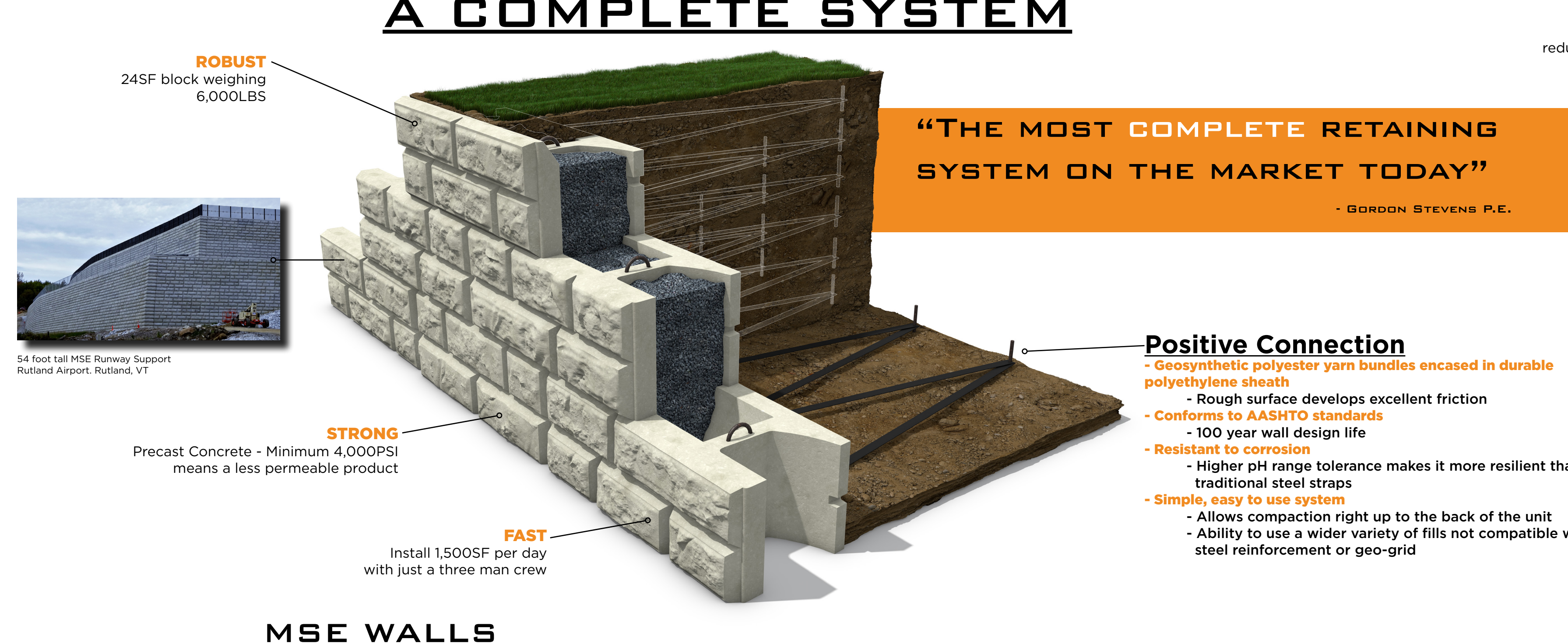
FAST
Install 1,500SF per day with just a three man crew

POSITIVE CONNECTION

- Geosynthetic polyester yarn bundles encased in durable polyethylene sheath
- Rough surface develops excellent friction
- Conforms to AASHTO standards
- 100 year wall design life
- Resistant to corrosion
- Higher pH range tolerance makes it more resilient than traditional steel straps
- Simple, easy to use system
- Allows compaction right up to the back of the unit
- Ability to use a wider variety of fills not compatible with steel reinforcement or geo-grid

“THE MOST COMPLETE RETAINING SYSTEM ON THE MARKET TODAY”

- GORDON STEVENS P.E.


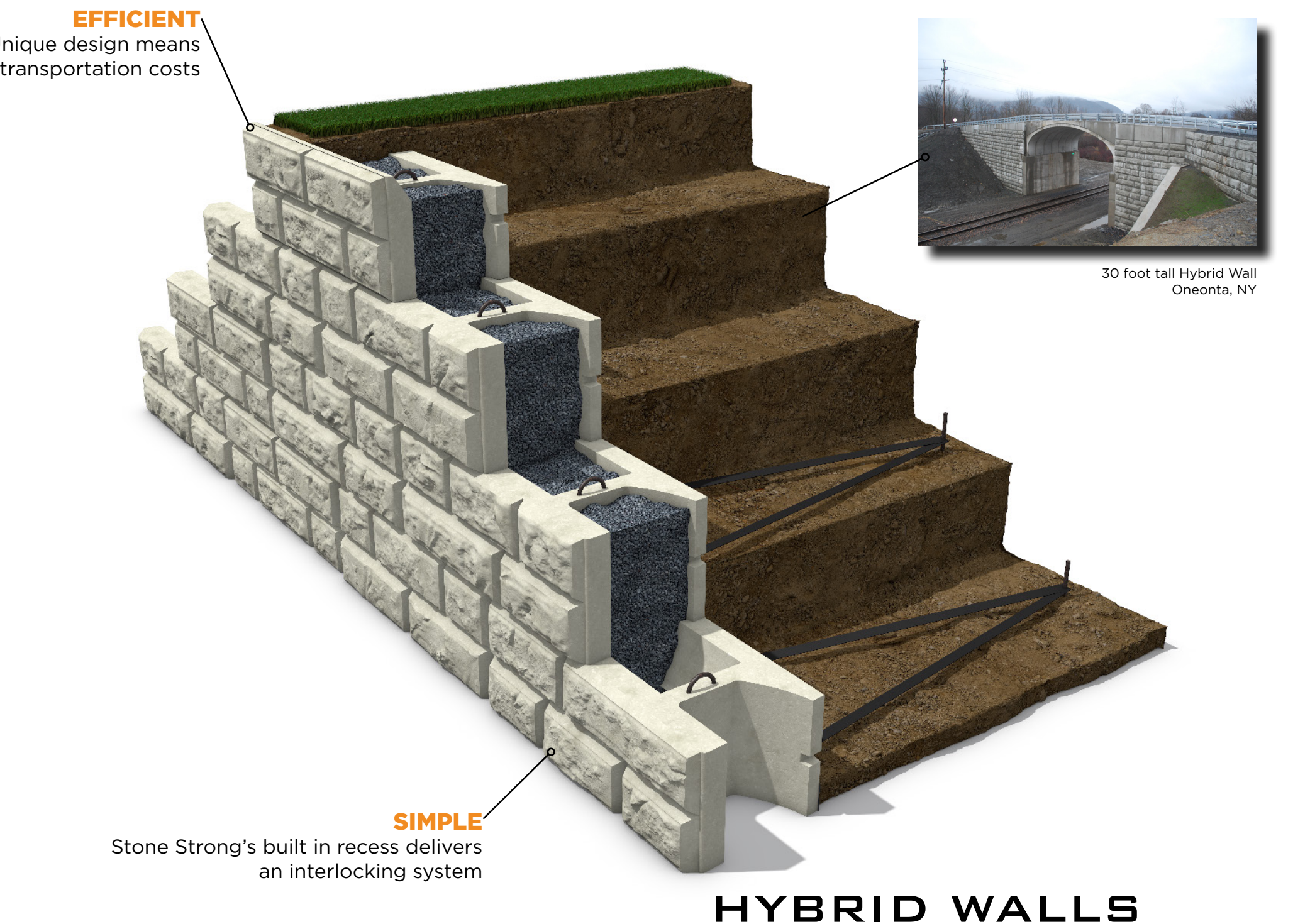


54 foot tall MSE Runway Support
Rutland Airport, Rutland, VT

MSE WALLS

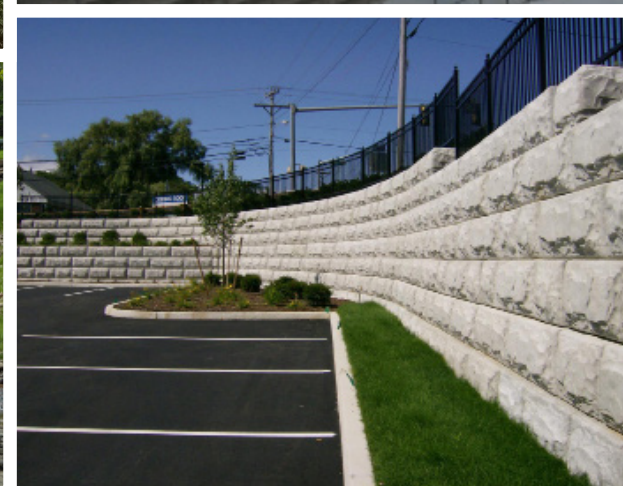
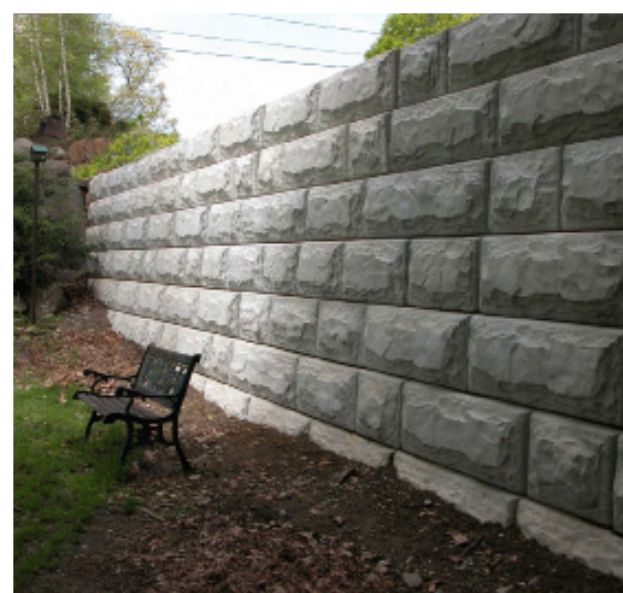
EFFICIENT
Unique design means reduced transportation costs

SIMPLE
Stone Strong's built in recess delivers an interlocking system



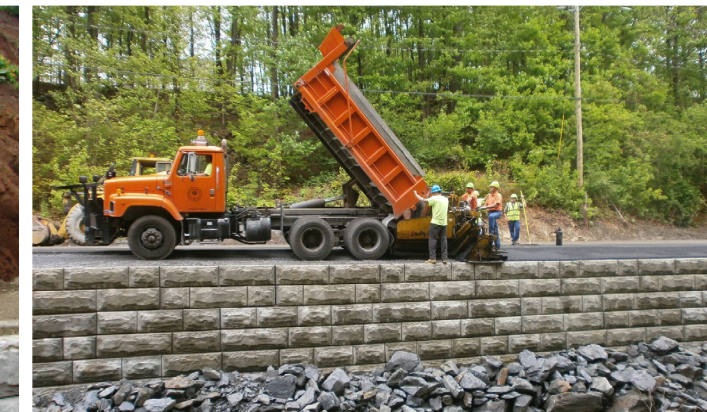
30 foot tall Hybrid Wall
Oneonta, NY

HYBRID WALLS



STONE STRONG SYSTEMS®

COMPACT AND OPERATE DIRECTLY BEHIND ANY WALL



The mass in each modular block helps resist deflection - allowing compactors and other heavy equipment to operate immediately behind the back of the units. By compacting to the back of the unit, Stone Strong Systems avoids the built-in defect small block systems have with backfill.





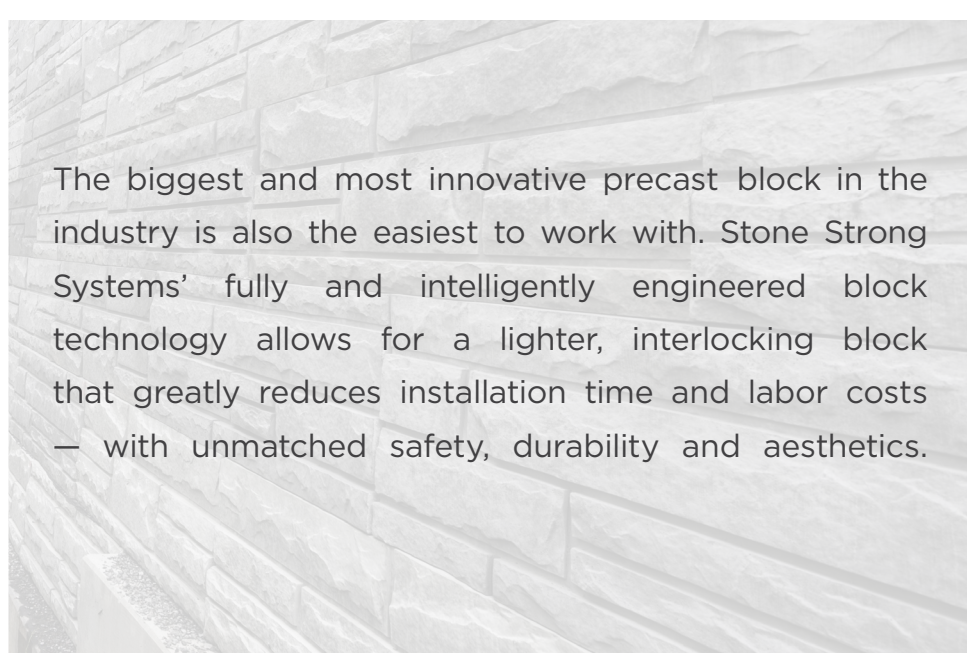
Project: Pokono Bridge Abutment

Location: Pokono, New Zealand



Project: Mingha Bluff Realignment

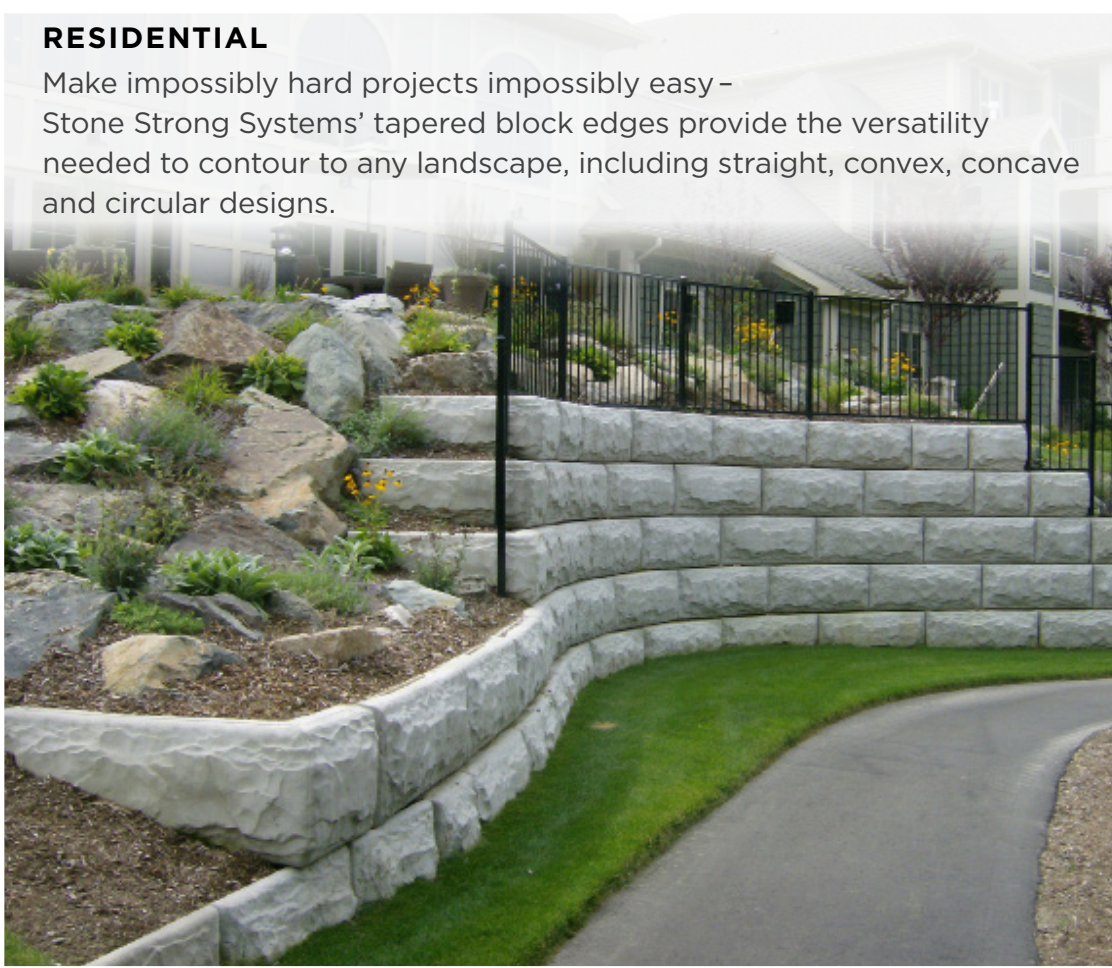
Location: Arthurs Pass, New Zealand



The biggest and most innovative precast block in the industry is also the easiest to work with. Stone Strong Systems’ fully and intelligently engineered block technology allows for a lighter, interlocking block that greatly reduces installation time and labor costs — with unmatched safety, durability and aesthetics.

COMMERCIAL

Big-time projects demand big-time blocks – Stone Strong Systems’ gravity walls are capable of heights in excess of 20 feet. Meanwhile, with proper engineering and reinforcement, Stone Strong MSE walls have topped 50 feet.



ROADWAY

The better way to wall a highway – Stone Strong Systems has undergone rigorous review by the Highway Innovative Technology Evaluation Center (HITEC) to verify conformance with AASHTO standards and specifications. Meets DOT approval.



SHORELINE
A more resilient system - With a 100 year design life, even in water applications, Stone Strong Systems provides a product that is not only simple but extremely reliable as well.

BRIDGES

An efficient system for efficient bridges - Stone Strong Systems conforms to the AASHTO Bridge Manual, insuring you are building with a fully geotechnical and structurally engineered retaining wall system.

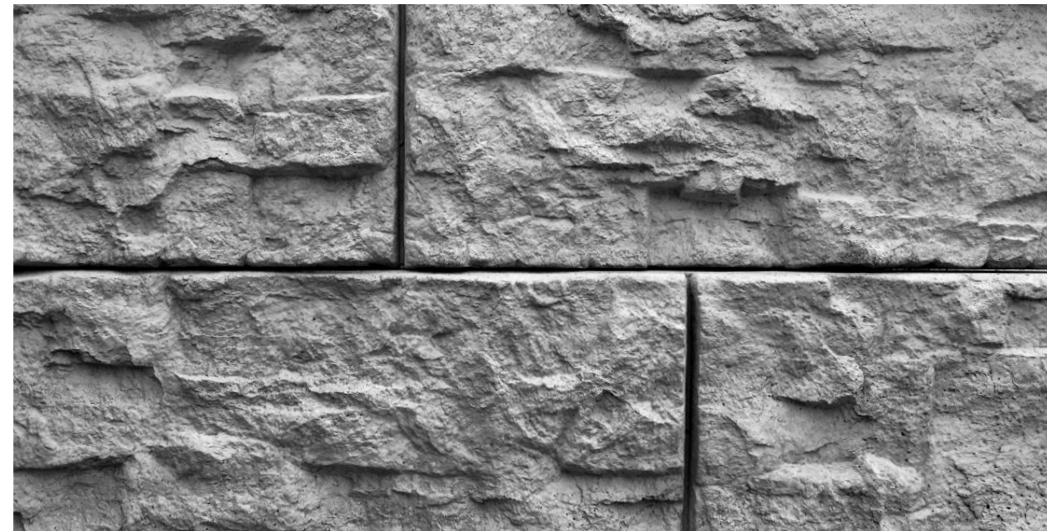


CHANNELS
Stone Strong Systems’ innovative hollow design makes Stone Strong the only wall system in the industry to feature a fully integrated drainage system requiring no additional parts or labor.

SIMPLE
RELIABLE
ROBUST
INNOVATIVE

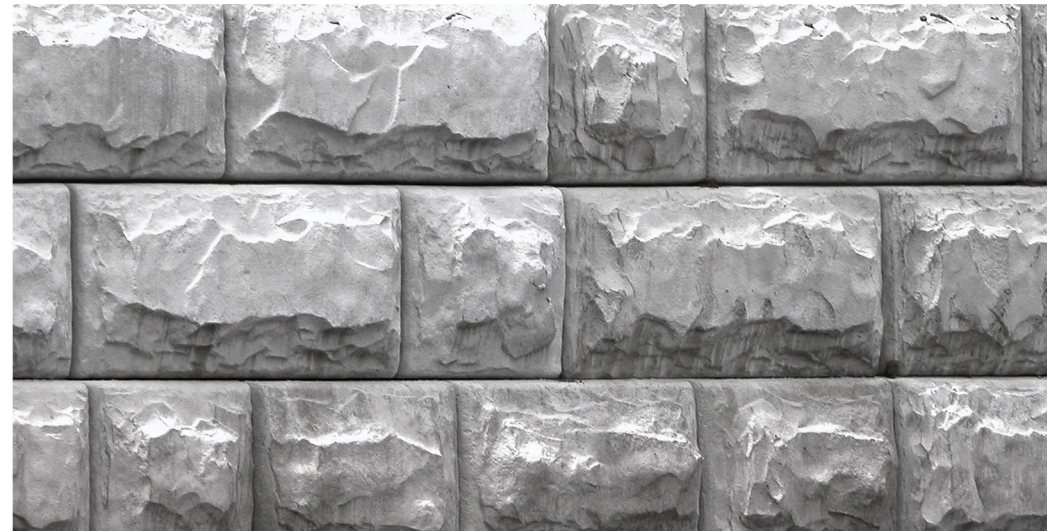
BIG. BEAUTIFUL. FULLY CUSTOMIZABLE.

Every Stone Strong block features a realistic, fully customizable, chiseled-stone facade handcrafted by real artisans. With the option to be stained to match any color imaginable, Stone Strong blocks fit naturally and seamlessly into any design or landscape.



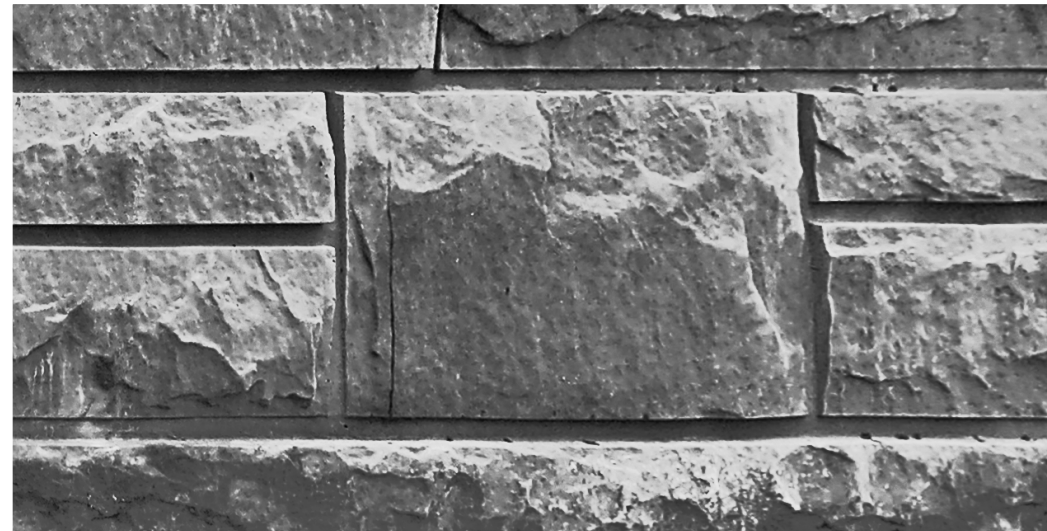
FRACTURED LEDGE

Created from authentic fractured ledge stone, the highly defined pattern offers the most natural look to match any application.



CHISELED GRANITE

Derived from blocks hand-chiseled by artisans, the pattern is intended to match the classic look of natural, chiseled stone.



TENNESSEE FOOTHILLS

Sharp and well defined, the pattern was developed by laser-mapping retaining walls in the Smoky Mountains from the 1940's.



POTOMAC

Smooth and broken up, this pattern was produced to replicate original cobblestone from colonial East Coast cities.



THE BUILDING BLOCKS OF INNOVATION.

Comprised of more than a dozen fully engineered blocks, components and accessories, Stone Strong Systems combines the flexibility to accommodate any retaining wall project — large or small — with unmatched safety, durability and aesthetics. Every block is manufactured to product specifications to

assure uniform weight, dimensional tolerance and strength. Unlike other brands, returned concrete is never used for Stone Strong blocks. Not to mention, every block is produced with air-entrained 4,000PSI concrete for added protection in the most harsh environments.



24-44
Face 8' x 3', Width 44"

The 24 SF Block contributes to the speed of installation. A small crew and a couple pieces of equipment can install 1,500 SF a day.



24-86
Face 8' x 3', Width 86"

Setting the standard for tall gravity walls. At 22.5', it can go vertical with no tie-back.



24-MASS EXTENDER
Face 8' x 3', Width 56"

The addition of the extender to the 24 SF Block provides for greater gravity wall heights.



24-62
Face 8' x 3', Width 62"

Build walls up to 18' tall with no tie-back.



24 SF TOP BLOCK
Face 8' x 3', Width 44"

The Top Block has an 8" recess at the top of the face to allow for multiple finish options.



6-44
Face 4' x 18", Width 44"

The 6 SF Block allows for tighter turning radius, wall steps at 18" increments and vertical and horizontal adjustments. Also includes a top block with recess.



6-28
Face 4' x 18", Width 28"

A perfect solution for smaller walls, get up to 60 pieces per truckload. Easy to move around on-site with a skid loader or mini-excavator.



90°
Face 4' x 18", Width 4'

The 90° Block provides for inside and outside 90° turns.



DUAL FACE
Face 8' x 18", Width 28"

The Dual Face Block provides for above-grade applications.



END/CORNER
Face 4' x 18", Width 2'

The End/Corner Block is used for 90° turns and for end finish treatments.



45°
Face 4' x 18" x 8.25"

The 45° Block provides for inside and outside 45° turns.



3-44
Face 2' x 18", Width 44"

The 3 SF Block allows the wall to stay on running bond.



Find a Local Dealer [HERE](#)

**Toll Free 877.501.5652
Office 402.973.1292
info@stonestrong.com**