



STONEMATRIX

U R B A N H A R D S C A P E S

C R E A T I V E | S T Y L I S H | I N N O V A T I V E



StoneMatrix is a premium Hardscape dry stacking retaining wall with a natural rock appearance and features a free standing wall product that offers an exceptional and comprehensive product to consumers. StoneMatrix with its ease of use and installation is attractive to designers and landscape contractors alike. On the face, StoneMatrix looks like quarried stone with its natural curved edges, creating a wall with a beautiful full bodied textured appearance. This versatile and easy to use product comes in three different sizes, which feature the hollow core and enhanced stability of the Flag Connector system. Adapting a wall into an existing space or designing for a completely new project is easily achievable. Flexibility and ease of use promotes designing and constructing many hardscape projects, such as retaining walls, free standing walls, planters, curves, steps and pillars, along with custom projects like barbecue stands, privacy fences and benches. All of these projects are simple and appealing to both professionals and DIY consumers. StoneMatrix, your hardscaping choice.

TABLE OF CONTENTS

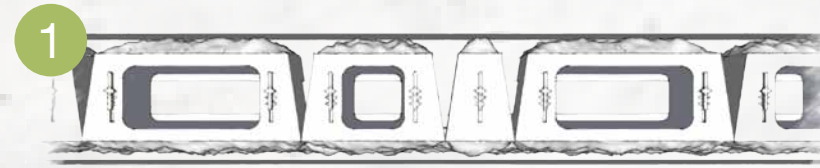
Gravity Wall	1
Freestanding Wall	2
Geogrid Wall	3
Pillars	4
Pillar and Wall	5
Curves	6
Corners	7
Components	8

CUSTOM FACES

As an architect, engineer or product specifier, it is important to attain the right look and develop the best idea in order to achieve maximum results. At Urban Hardscapes, we have engineered a way for you to get the look you want. If the project is large enough, we are happy to work with you throughout the process.

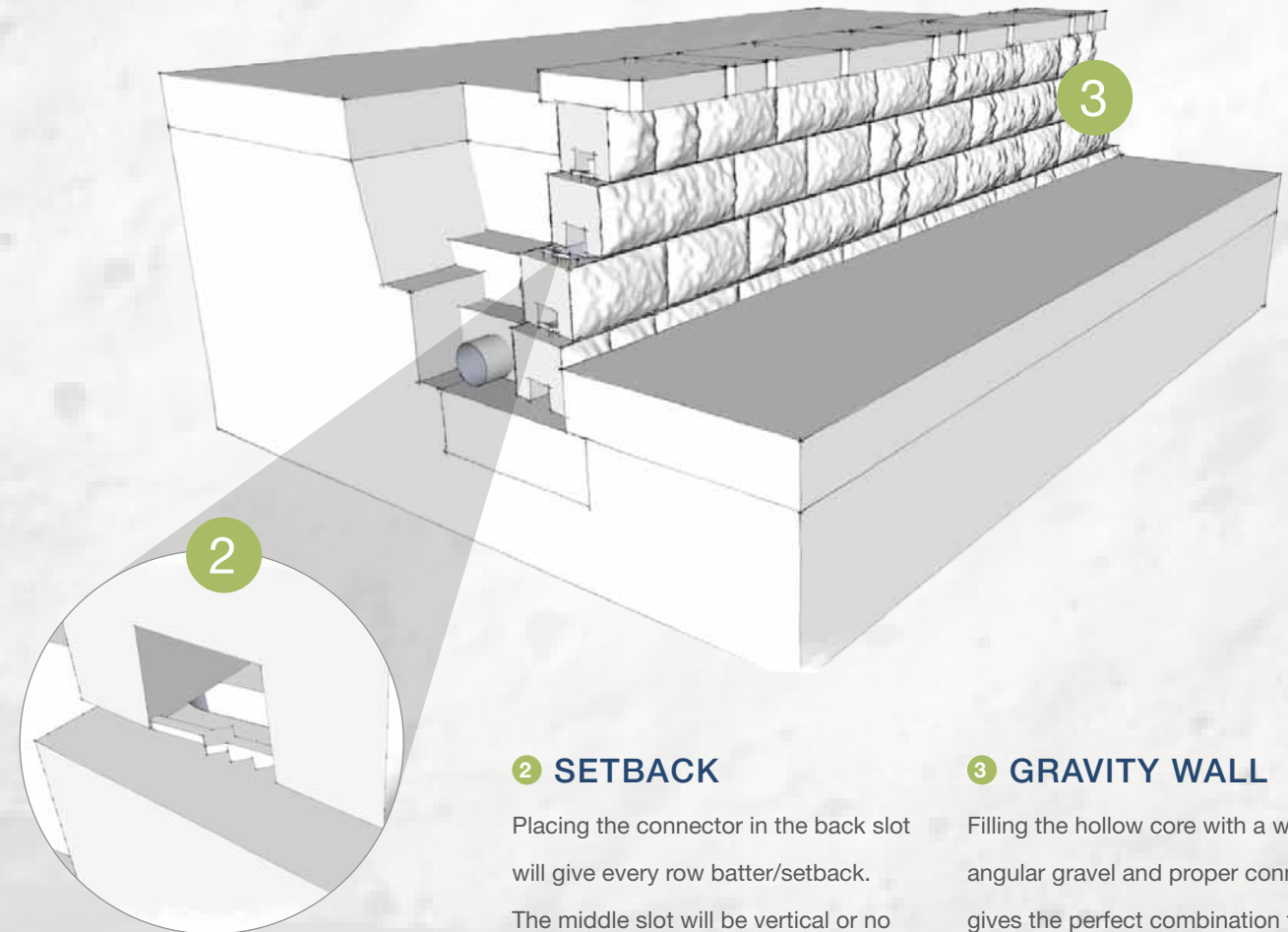


GRAVITY WALL



1 LAYOUT

The double sided wedge design gives the block versatility and allows the user to maximize the use of the blocks by placing them large side facing out.



2 SETBACK

Placing the connector in the back slot will give every row batter/setback. The middle slot will be vertical or no batter/setback.

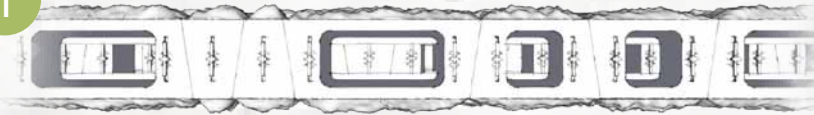
3 GRAVITY WALL

Filling the hollow core with a washed angular gravel and proper connection gives the perfect combination for a strong gravity retaining wall.

FREE STANDING

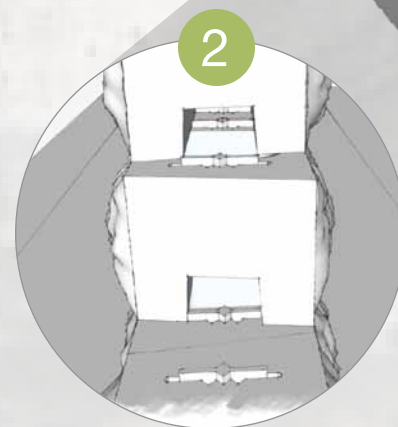


1



1 LAYOUT

Lay the double sided blocks wedge to wedge creating the perfect seating wall or area divider.

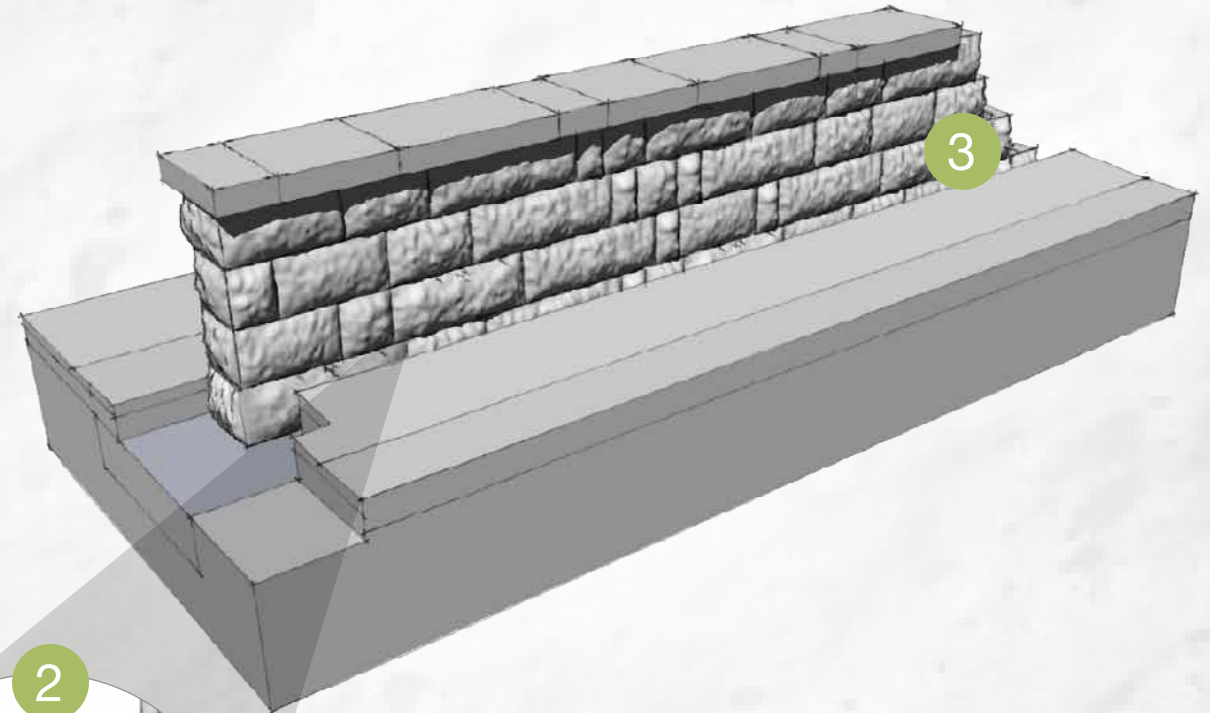


2

2 CONNECTION

Place the connector in the middle slot for equal spacing and perfect alignment.

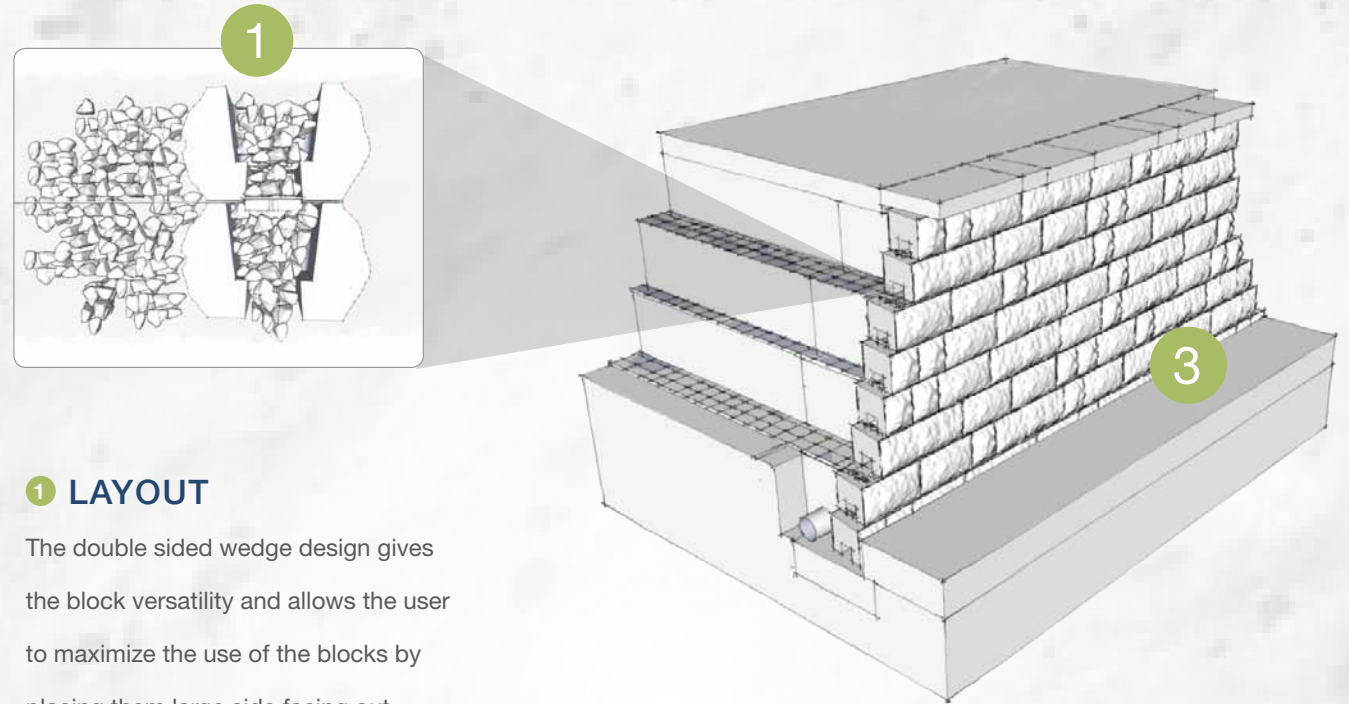
3



3 HOLLOW CORES

Fill the hollow core with gravel or concrete for maximum strength.

GEOGRID WALL



1 LAYOUT

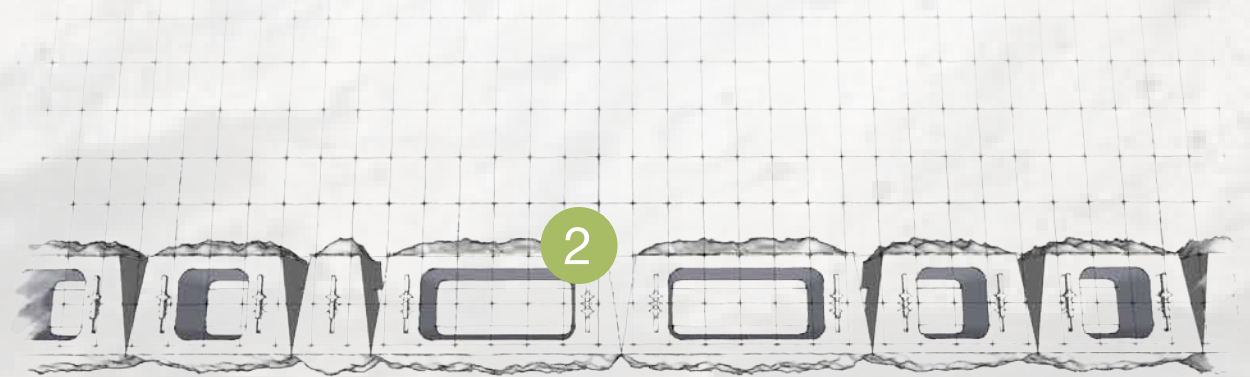
The double sided wedge design gives the block versatility and allows the user to maximize the use of the blocks by placing them large side facing out.

2 SETBACK

Using connector in the appropriate slot allows for both a retaining wall with batter/setback or completely vertical. A combination is also possible.

3 CONNECTION

The combination of the hollow core, washed angular gravel and geogrid gives a superior connection for any geogrid retaining wall.

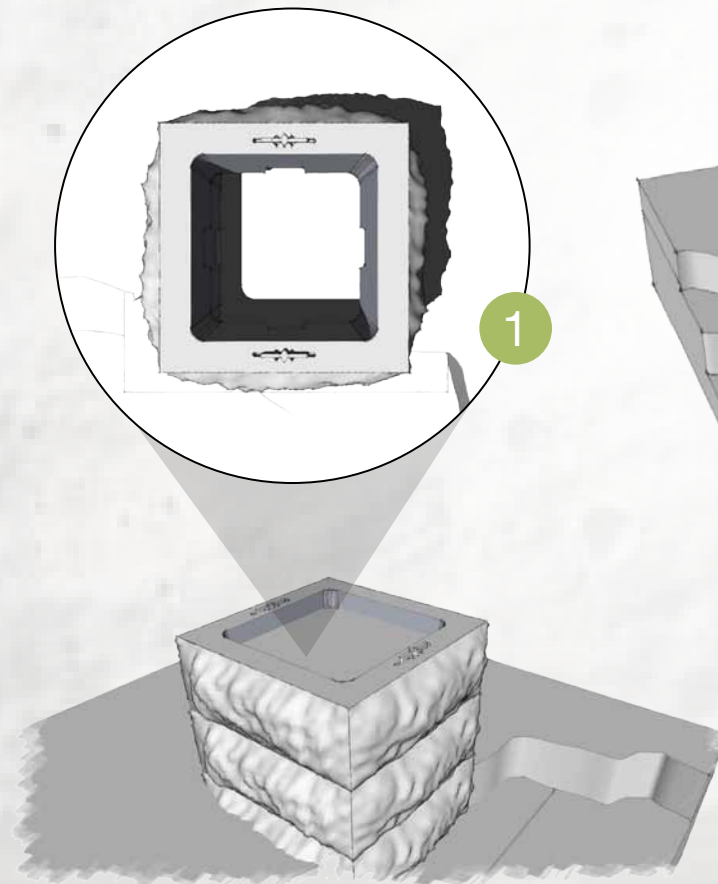


PILLARS



1 HOLLOW CORE

Fill the hollow core with a gravel or concrete. Insert electrical tubing or what you may require during construction for specialty lighting or accessories.

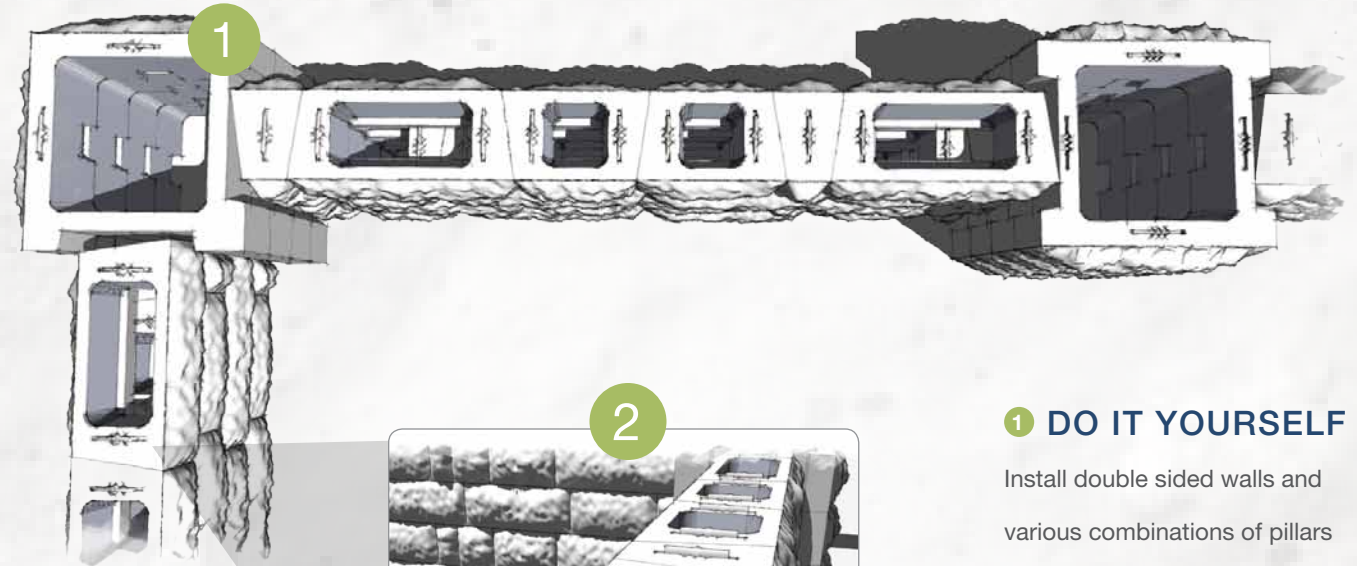


2 DO IT YOURSELF

The simple one block per row design of StoneMatrix is the most effective and architecturally pleasing system on the market today.

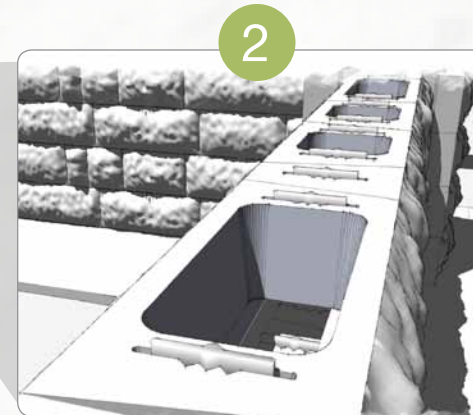


PILLAR & WALL



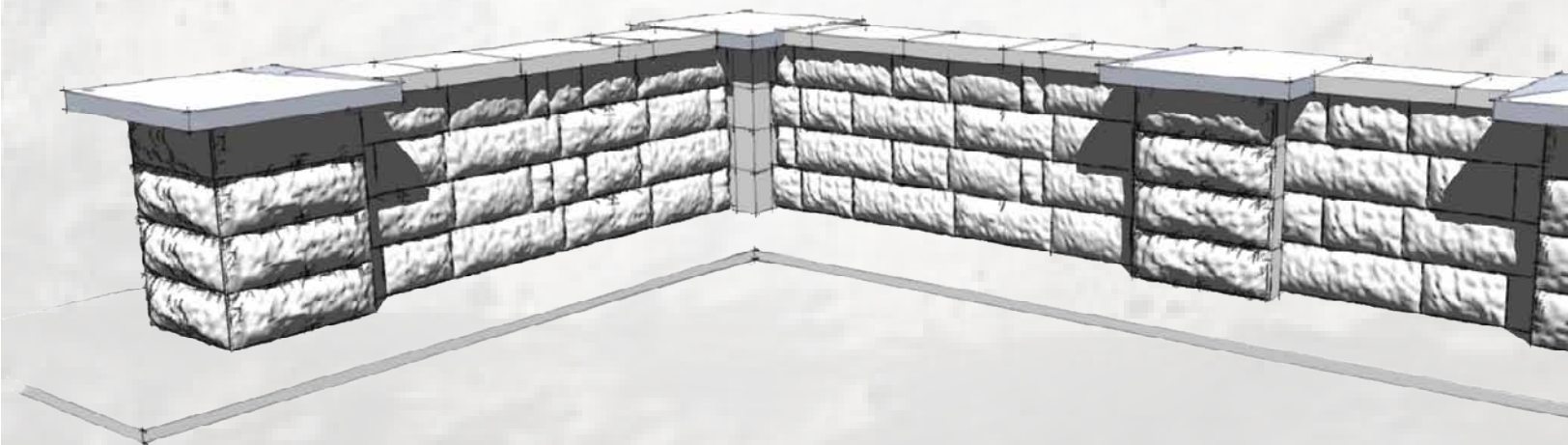
1 DO IT YOURSELF

Install double sided walls and various combinations of pillars and walls. Be creative.



2 CONNECTION

Fill the hollow core with washed rock or concrete and use the connectors for perfect alignment.



CURVES

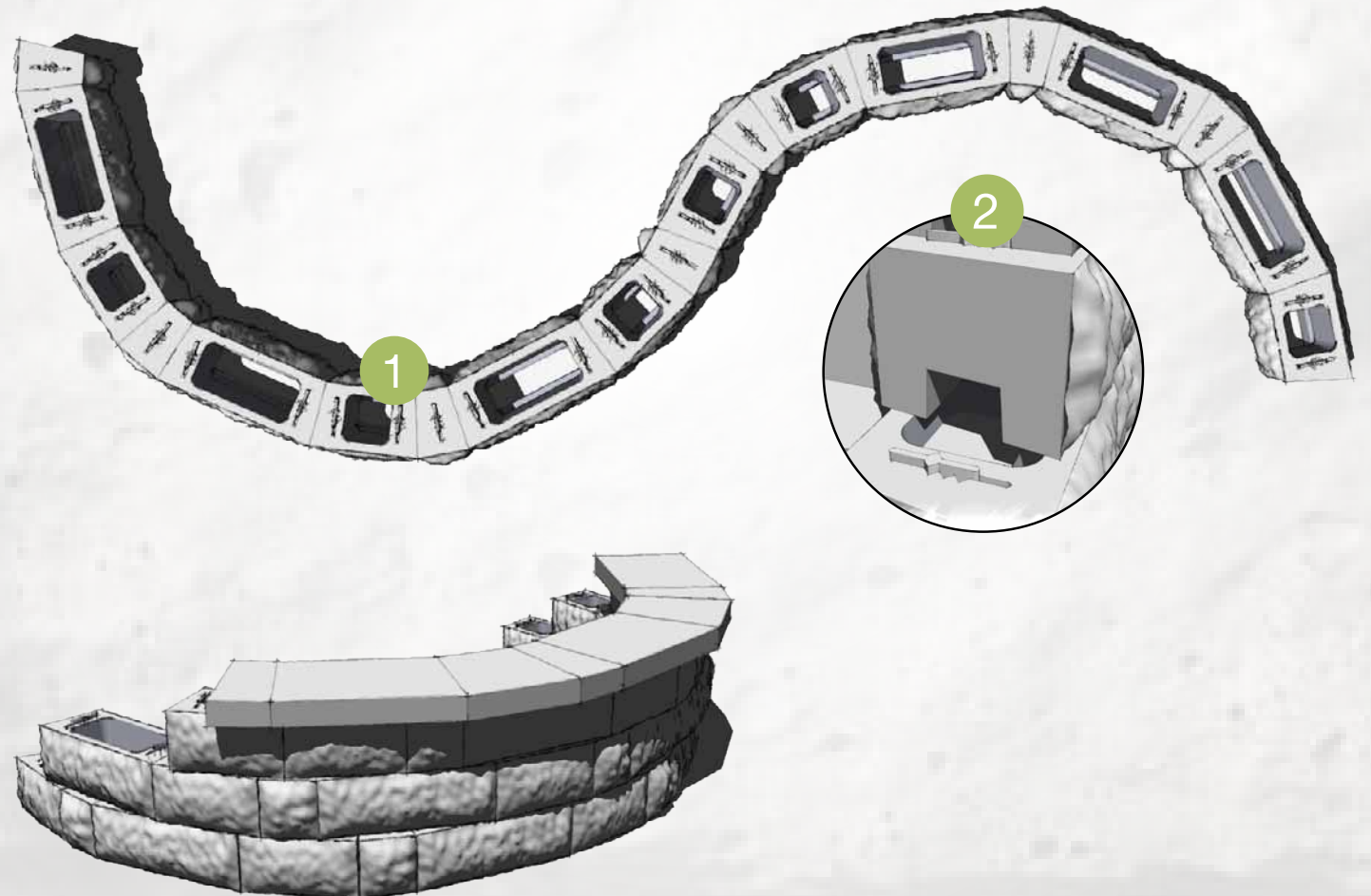


1 SEAMLESS CURVES

Curving your StoneMatrix retaining walls to a minimum of 6.5ft (2.0m) Diameter is simple. Simply choose the desired curve of your wall and start the installation process.

2 CONNECTION

Place the connectors in the appropriate slots. Keeping in mind the curve will get tighter every course going up. The first course will need to be greater than 6.5ft (2.0m)

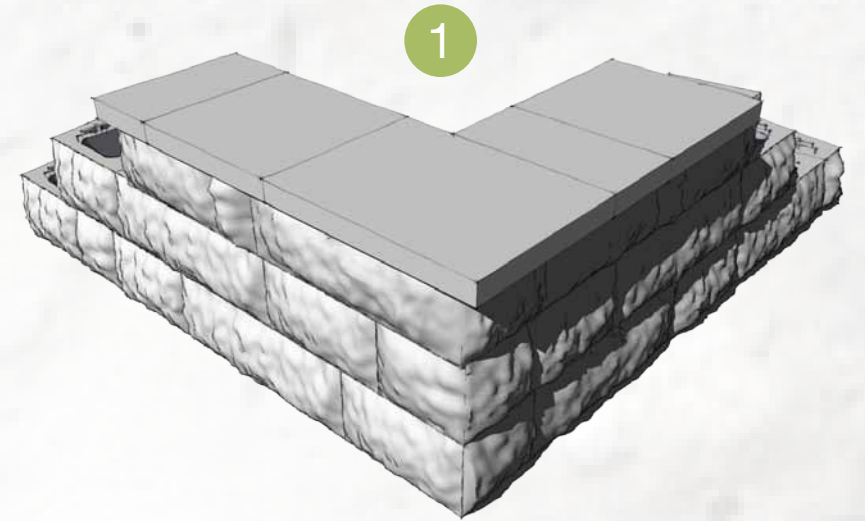


CORNERS



1 CORNERS

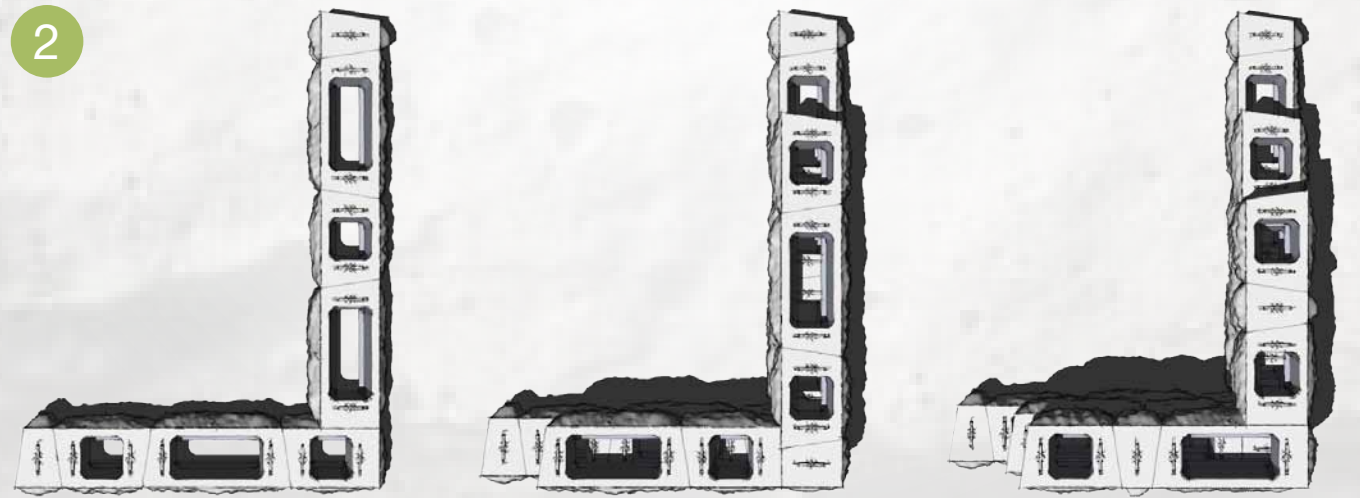
The StoneMatrix corners come in three sizes to allow for random pattern in your walls. Simply choose the block that will give you a proper stagger during the installation process.



2 CONNECTION

Place the connectors on the courses below.

Choose the appropriate slot for either a batter/ setback or vertical wall.



WALL UNITS



LARGE UNIT

6" h x (18 front & 15 back) x 10" d
152 mm h x (457 & 381) x 254 d
43.5 lbs (19.7kg)



MEDIUM UNIT

6" h x (12 back & 9 front) w x 10" d
152mm h x (305 & 229) w x 254 d
32 lbs (14.5kg)



SMALL UNIT

6" h x (3 front & 6 back)w x 10" d
152mm h x (76 & 152) w x 254 d
16.5 lbs (7.5kg)

CORNER UNITS



LARGE UNIT

6" h x (18 front & 15 back) x 10" d
152 mm h x (457 & 381) x 254 d
43.5 lbs (19.7kg)



MEDIUM UNIT

6" h x (12 back & 9 front) w x 10" d
152mm h x (305 & 229) w x 254 d
32 lbs (14.5kg)



SMALL UNIT

6" h x (3 front & 6 back) w x 10" d
152mm h x (76 & 152) w x 254 d
16.5 lbs (7.5kg)

PILLAR UNITS



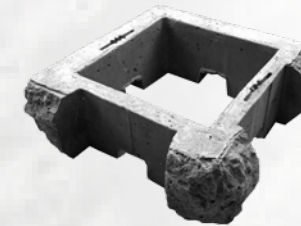
FREE STANDING UNIT

18" x 18"
(457mm x 457mm)
77 lbs (35kg)



PILLAR CONTINUE UNIT

18" x 18"
(457mm x 457mm)
75 lbs (34kg)



PILLAR CORNER UNIT

18" x 18"
(457mm x 457mm)
73 lbs (33kg)



PILLAR END UNIT

18" x 18"
(457mm x 457mm)
75 lbs (34kg)