

# STONEVISTA™

By CornerStone Wall Solutions Inc.

## THE INSTALLATION ADVANTAGE

> > > GRAVITY / GEOGRID

### Designed for Beauty

StoneVista is a double-sided, multi-sized unit system that possesses a random appearance. StoneVista blends naturally with foliage, plantings and waterscapes. The random unit sizes and variety of colors allow for a perfect blend with the surrounding landscape to enhance a site's natural qualities.

Intriguing patterns...  
your neighbors will admire

### Installation Advantage

StoneVista is suitable for many applications including retaining walls, stairs, planters and terraced patios. StoneVista connectors also provide a superb connection with the geosynthetics giving engineers and designers confidence in the performance of simple or complex designs.



**CORNERSTONE**  
WALL SOLUTIONS INC.

[cornerstonewallsolutions.com](http://cornerstonewallsolutions.com)



## Unit Specifications

for more technical information, visit [cornerstonewallsolutions.com](http://cornerstonewallsolutions.com)



### 6" UNIT

6" H x 6" FW x 3" BW x 10" D  
(152 H x 152 FW x 76 BW x 254 mm D)  
Weight: 20 lb (9 kg)



Create corner units by splitting the 18" unit along the splitting groove. The 18" unit will make a 6" and 12" corner unit that can be used for making corners or pillars.



### 12" UNIT

6" H x 12" FW x 9" BW x 10" D  
(152 H x 305 FW x 229 BW x 254 mm D)



### 6" CORNER UNIT

6" H x 6" FW x 4.5" BW x 10" D  
(152 H x 152 FW x 114 BW x 254 mm D)  
Weight: 20 lb (9 kg)  
\*Corners after splitting 18" Unit



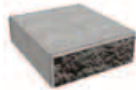
### 18" UNIT

6" H x 18" FW x 15" BW x 10" D  
(152 H x 457 FW x 381 BW x 254 mm D)  
Weight: 58 lb (26 kg)



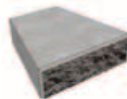
### 12" CORNER UNIT

6" H x 12" FW x 10.5" BW x 10" D  
(152 H x 305 FW x 267 BW x 254 mm D)  
Weight: 38 lb (17 kg)  
\*Corners after splitting 18" Unit



### STRAIGHT CAP

3" H x 12" FW x 12" D  
(76 H x 305 FW x 305 mm D)  
Weight: 20 lb (9 kg)



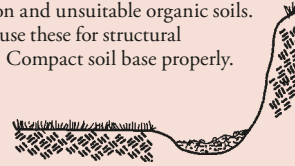
### REVERSIBLE CAP

3" H x 12" FW x 9" BW x 12" D  
(76 H x 305 FW x 229 BW x 305 mm D)  
Weight: 17 lb (8 kg)

## HOW TO INSTALL

### 1. EXCAVATE

Dig a base trench 24 inches to 36 inches wide and a minimum of 12 inches deep. Remove all vegetation and unsuitable organic soils. (Do not use these for structural backfill.) Compact soil base properly.



### 2. PREPARE LEVELING PAD

Fill trench with 6 inches of well graded gravel and compact firmly with vibrating compaction equipment.



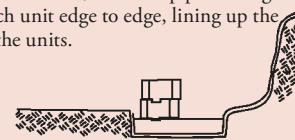
### 3. LEVEL THE BASE

Level the gravel base from front to back and side to side. This procedure will ensure a straight and stable wall.



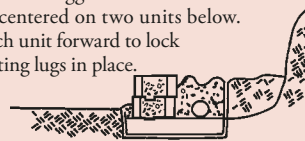
### 4. LAY YOUR FIRST COURSE

Use a string line to align the first row of units. For smooth curves, use a flexpipe as the guide. Place each unit edge to edge, lining up the back of the units.



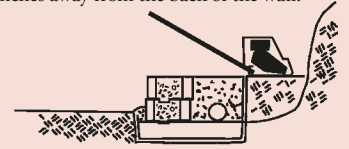
### 5. BUILD YOUR WALL

Sweep the top of each course of units to clear debris. Half-stagger the next course so each unit is centered on two units below. Pull each unit forward to lock connecting lugs in place.



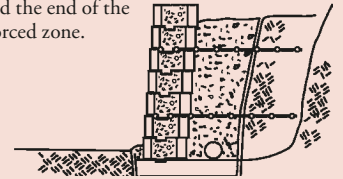
### 6. INSTALL BACKFILL

Place perforated drainage pipe behind the base of the wall. Add 12 inches of free-draining gravel behind the wall. Fill the hollow core of the units with the same materials. Place the backfill materials in layers of no more than 12 inches deep. Compact each layer well, making sure to keep the compaction equipment 12 inches away from the back of the wall.



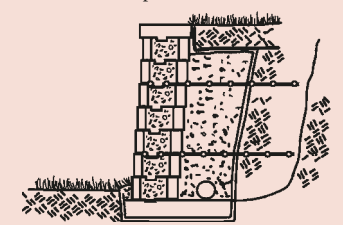
### 7. REINFORCE WALL

Place the geosynthetics on top and as close to the front of the units as possible. Lock the next course of units into place. Gently tension the geosynthetics toward the back of the compacted backfill. Repeat the backfilling steps. Always work from the back of the wall toward the end of the reinforced zone.



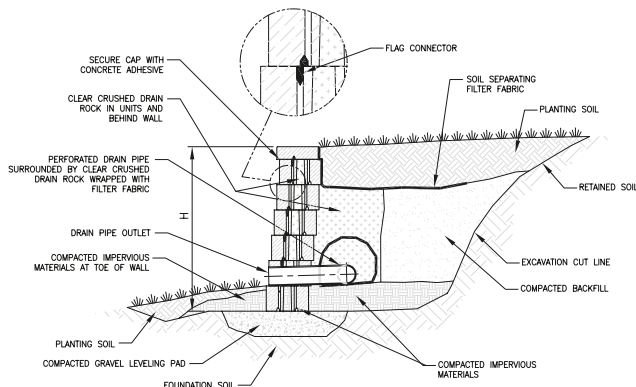
### 8. CAP YOUR WALL

Sweep off the top course of units. Secure caps to the top of the wall using an approved concrete adhesive. Use a level piece of string to properly align the capping. Place filter soil separation fabric on top of the backfill and drainage materials as well as the back side of the wall. Cover with top soil.

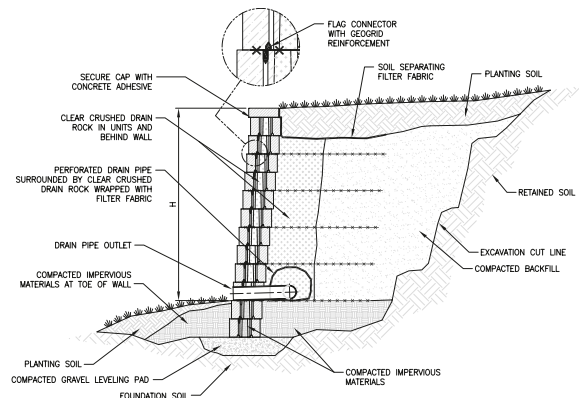


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## TYPICAL GRAVITY CROSS SECTION



## TYPICAL GEOSYNTHETIC REINFORCED CROSS SECTION



Face texture may vary from one producer to another. Weights and dimensions are nominal. Specifications may change without notice. Verify exact information from your local StoneVista producer. StoneVista trademark and CornerStone® are registered trademarks of CornerStone Wall Solutions Inc. Patents Pending.

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