

A photograph of a multi-tiered retaining wall system made of dark brown, textured concrete blocks. The wall is curved and follows the contour of a hillside. In the background, there is a white fence and a house with a brown roof. The foreground shows some green plants and a dirt path.

# RidgeRock®

**RETAINING  
WALLS**

**THE ENGINEERED SEGMENTAL  
RETAINING WALL SYSTEM**



## **RIDGEROCK RETAINING WALLS... THE ENGINEERED SEGMENTAL RETAINING WALL SYSTEM**

The RidgeRock Retaining Wall System is the latest advancement in soil retention technology. The RidgeRock unit is composed of a user friendly concrete shear key system which provides high block to block shear resistance. A RidgeRock unit is installed by sliding its shear key between two blocks on a lower course unit until the units and the shear key engage. The open core is then filled with drainage stone up to the level of the geogrid placement. The geogrid is unrolled, the next course of RidgeRock is installed, and the rock filled RidgeRock core locks the geogrid in place between the RidgeRock courses.

The RidgeRock System is a simple, but proven soil retention concept which can be applied to a number of different end uses. Several examples of RidgeRock applications are shown on the adjacent pages. For more detailed information please contact your local RidgeRock representative, or contact RidgeRock Retaining Walls Inc. at (704) 504-3358.



Beveled face

### **THE RIDGEROCK RETAINING WALL UNIT**

Style: Straight or beveled face  
 Weight (not filled): 75 pounds  
 Height: 8 inches  
 Depth (front to back): 12 inches  
 Width (left to right): 18 inches  
 Face coverage: 1.0 square foot  
 Setback per course: 0.5 inches



Straight face



Straight sided

### **THE RIDGEROCK CAP UNIT**

Style: Straight or beveled face;  
 straight or angled sides  
 Weight: 55/68 pounds  
 Height: 4 inches  
 Depth (front to back): 12 inches  
 Width (left to right): 18 inches  
 Face coverage: 0.50 square feet

Note: RidgeRock dimensions may vary.  
 Please contact your local RidgeRock representative for exact specifications.



Angled sided

## COMMERCIAL AND RETAIL CENTERS

*RidgeRock Retaining Walls provide commercial and retail centers with the added space that is needed for additional parking and/or building footage. Because the demand for commercial development is often driven by location, RidgeRock Retaining Walls are frequently used to change sloping or low lying terrain into usable commercial space.*



## MULTI-FAMILY DEVELOPMENTS

*Multi-family developments require RidgeRock Retaining Walls to convert grade changes into building space. Because multi-family developments are often constructed in flood plains, it is necessary that a product and a product team experienced in these types of applications. The RidgeRock System has been designed specifically for difficult applications, where proper drainage within and behind the block, are key to the retaining wall's performance.*

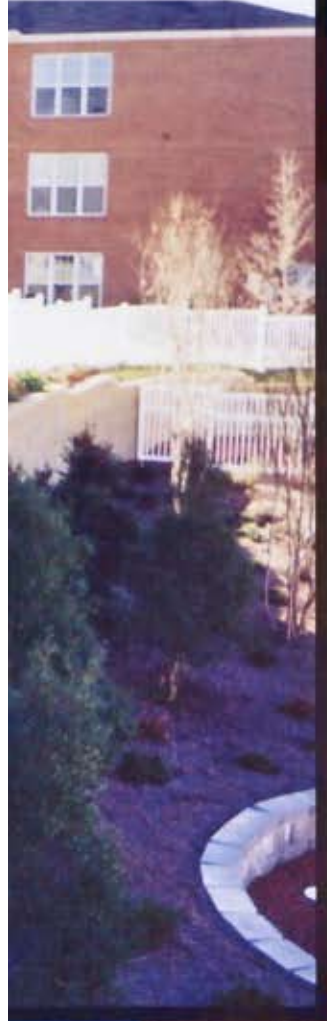


## TRANSPORTATION

*RidgeRock Retaining Walls minimize right of way acquisition, and provide soil retention around transportation structures. RidgeRock's aesthetics and ease of installation make the RidgeRock System a much more cost competitive and appealing alternative than traditional cast in-place concrete walls.*



seable parking, playground,  
is, or low-lying areas, it is  
chosen for these projects.  
design considerations, such



## INDUSTRIAL

*Large industrial sites need room for trucks to maneuver and park, and to store products. RidgeRock walls provide the extra space that is needed around the site. In addition, large industrial detention ponds can be decreased in width by using RidgeRock walls to replace shallow side slopes.*



## RESIDENTIAL

*RidgeRock Retaining Walls offer very practical solutions to many of the landscaping problems which single family homeowners experience. Because of its ease of installation and aesthetic appeal, RidgeRock is the choice of many homeowners in need of a soil retention system.*



### **RIDGEROCK RETAINING WALLS THE ENGINEERED SEGMENTAL RETAINING WALL SYSTEM**

*Call your local RidgeRock representative to learn more about how RidgeRock Retaining Walls can meet even your most challenging landscaping and site development needs.*

Distributed by:



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Other Patents Pending