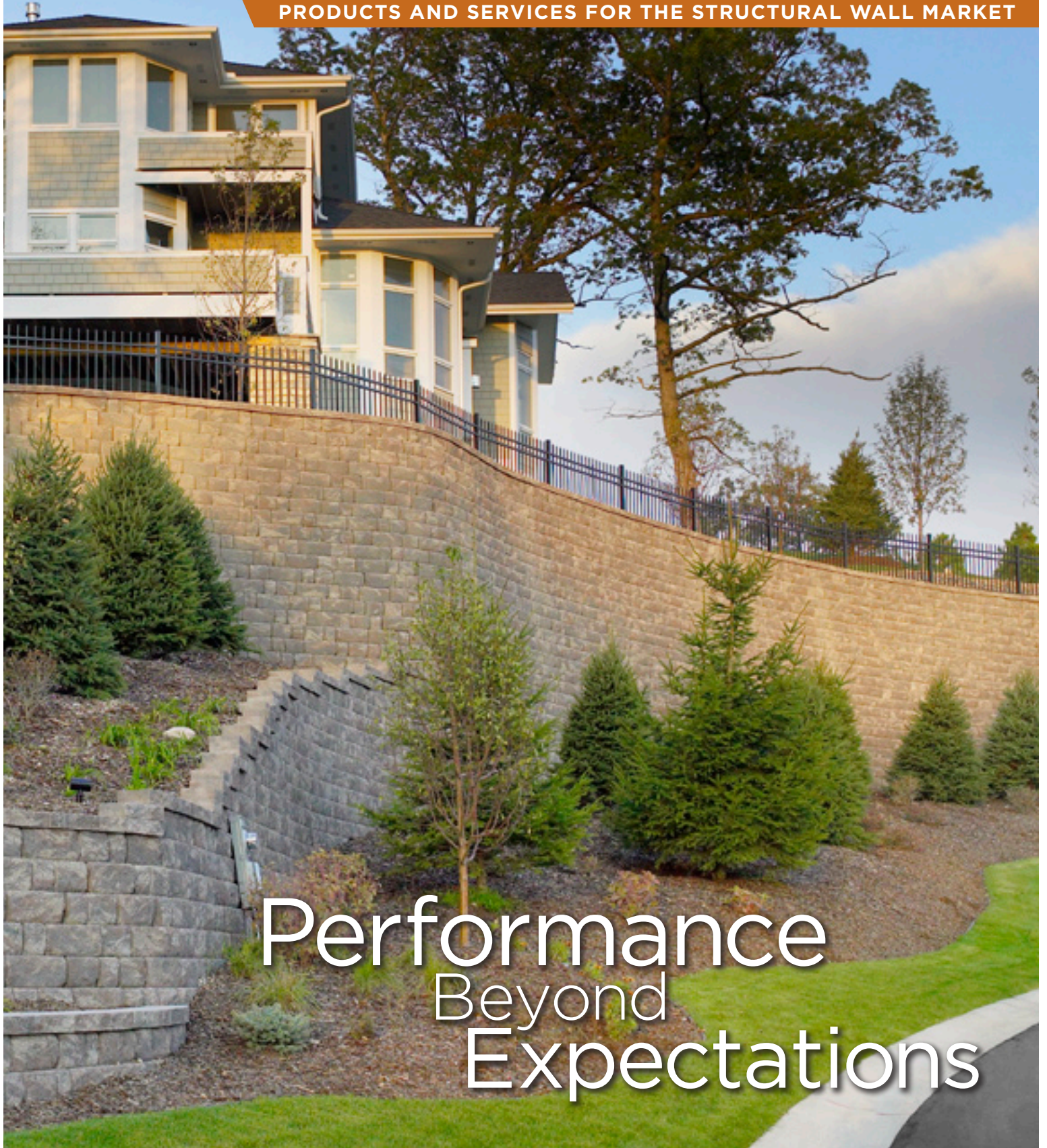




**ANCHOR**<sup>®</sup>  
BUILD SOMETHING BEAUTIFUL



PRODUCTS AND SERVICES FOR THE STRUCTURAL WALL MARKET



Performance  
Beyond  
Expectations



# Realize Your Vision



DIAMOND PRO STONE CUT® RETAINING WALL SYSTEM

When it comes to the big-wall market, Anchor Wall Systems does a lot more than design beautiful retaining wall products. Anchor offers the complete package of products that meet engineering professionals' needs to create great-looking, long-lasting, structurally sound walls and creative construction techniques for challenging site circumstances.

The Anchor™ product line includes the best-selling Diamond Pro® retaining wall system, a staple of the construction industry, and the Diamond Pro Stone Cut® wall system, which brings a rich, premium look to the Diamond Pro product. Additionally, the Vertica® and Vertica Pro® retaining wall systems are trusted, versatile industry favorites; the Vertica Stone Cut® product features a textured appearance. Anchor also offers the Landmark® retaining wall system, the only segmental retaining wall system in the world that has undergone the rigorous appraisal of the Highway Innovative Technology Evaluation Center and that has been approved for use by the British Board of Agrément. Several Anchor retaining wall systems have been approved for use by many Departments of Transportation (DOTs) across the United States.

Anchor Wall Systems develops attractive, durable and easy-to-install retaining wall systems. The company licenses its designs, which are backed by extensive testing and research, to more than 50 manufacturers in 21 countries who then market to contractors and homeowners through landscape supply dealers and big-box retailers. The end result is anything that can be imagined: innovative, lasting landscapes and environmentally sound walls that let consumers and contractors design - and build - something beautiful.

LANDMARK® RETAINING WALL SYSTEM

VERTICA® RETAINING WALL SYSTEM

## Master Engineering Meets Attractive Design

Building a commercial retaining wall needs expert engineering, and this is where Anchor Wall Engineering is ready for the job. For this project, a high-end residential and commercial development, Anchor Wall Engineering designed a 12,000-square-foot retaining wall that would support a convenience store and gas station. Several separate terraced walls surrounding a drainage pond total 26,634 square feet of retaining wall product. The Diamond Pro Stone Cut® wall system was selected to bring a premium, aesthetically pleasing look to the project.

## ANCHOR WALL ENGINEERING

In the past 15 years, the Anchor Wall Engineering (AWE) staff of professional engineers and CAD technicians has solved countless design challenges and provided preliminary and final designs for more than 50 million square feet of retaining wall around the world. AWE engineers are licensed to provide certified drawings in several U.S. states. And with the innovative AnchorWall® design software, designers can transfer a conceptual layout to a comprehensive wall solution that includes shop drawings, materials takeoffs and final designs in many states.





# Inspiration at First Sight

Crafting a more beautiful world often demands a rich palette of colors and textures. That is precisely what Anchor Wall Systems offers with the creation of the Diamond Pro Stone Cut® and the Vertica Stone Cut® retaining wall systems.

Renowned for their rough-textured faces and earthen tones, the Diamond Pro Stone Cut and the Vertica Stone Cut retaining wall systems impart to landscapes a beauty not commonly found in retaining walls. For greater visual appeal, these blocks have an affinity with nature, enriching projects with warmth and character. What's more, the Diamond Pro Stone Cut product is available in multiple sizes, making curves easier to create, thus allowing more specialized applications. Even better, they're only two of the many block options available within the Anchor Wall Systems family of wall products – all of which deliver the distinct appearance and structural integrity needed to meet any requirement of segmental retaining walls.



DIAMOND PRO STONE CUT® RETAINING WALL SYSTEM

## Meeting the New Expectation

Home buyers' expectations aren't limited to the interior; they also insist on landscapes that please. According to Floyd Calhoun, a large residential developer, "The surrounding area has to be attractive. With the Diamond Pro Stone Cut® retaining wall system, the style, aesthetics and quality are all there. It's an awesome product. The rounded corners and distressed face are perfect. And the color – I couldn't have custom-ordered a better color for the setting."

DIAMOND PRO STONE CUT® RETAINING WALL SYSTEM



DIAMOND PRO STONE CUT RETAINING WALL SYSTEM



VERTICA STONE CUT® RETAINING WALL SYSTEM



DIAMOND PRO STONE CUT RETAINING WALL SYSTEM





# Crafted for Critical Applications

DIAMOND PRO STONE CUT® RETAINING WALL SYSTEM



Proven performance with legendary strength. That's the legacy of Anchor™ retaining wall systems.

Architects, engineers and contractors all turn to the Diamond Pro® retaining wall system for their critical wall needs. Especially now that it offers the same proven reliability and the attractive look of quarried stone with the Diamond Pro Stone Cut® product.

The performance characteristics of the Diamond Pro Stone Cut, Diamond Pro, Vertica® and Landmark® retaining wall systems make them the proven solution for tall walls, transportation projects, commercial developments, water applications and other critical wall needs. Whether your site plans call for the creative use of a slope, retaining earth in a challenging environment or enhancing an area's appearance, there's no better choice than trusted Anchor products.

## Bridging the Gap

For a true test of segmental retaining wall strength, few projects are more demanding than land bridges. At Armistead Point, a development in Williamsburg, Virginia, engineers designed a land bridge that is 240 feet long and 15 feet wide, and provides a 250 psf traffic live load at its crest. A load transfer platform and the Diamond Pro Stone Cut® retaining wall system were chosen for the wall.

LANDMARK® RETAINING WALL SYSTEM



DIAMOND PRO STONE CUT® RETAINING WALL SYSTEM



DIAMOND PRO STONE CUT RETAINING WALL SYSTEM





# Specialty Applications

In many retaining wall applications, sufficient space does not exist behind the face units to allow excavation and subsequent placement of geosynthetic reinforcement. In these applications, the Anchorplex™ retaining wall system and the Landmark® direct-anchorage retaining wall system are more aesthetically pleasing and less costly alternatives to the conventional cast-in-place concrete that would often be used in such situations.

## ANCHORPLEX™ RETAINING WALL SYSTEM

The Anchorplex retaining wall system offers a unique, nonconventional solution to problematic wall construction sites. It is a retaining wall built with Anchor™ products and self-compacting structural backfill specified by Anchor Wall Systems, and backed by engineering support tools developed by Anchor.

When used in combination with blocks of the appropriate shape, the structural backfill attaches itself to the wall facing, effectively extending the depth and increasing the mass. In addition, the structural backfill zone also serves as the required drainage zone.

Using the Anchorplex retaining wall system completely eliminates the need for the construction of a mechanically stabilized earth zone behind the wall facing and requires substantially less excavation than is usually necessary in grid-reinforced wall construction. Because of these efficiencies and the design flexibility afforded with the Anchorplex system, millions of square feet of such walls have been installed and are successfully performing worldwide.



## LANDMARK® DIRECT-ANCHORAGE SYSTEM

Direct anchorage consists of an anchor (e.g., soil nail) installed into the ground and connected to galvanized steel beams (walers) placed within the horizontal cavity in the Landmark® retaining wall blocks, which were specifically designed to accommodate them. Each steel beam spans two adjacent anchors, transferring the load from the segmental retaining wall units to the anchors.

The space between the excavated face and the Landmark units is filled with free-draining aggregate. In addition to transferring stresses from the retained soil to the block, the fill is selected to provide drainage between the excavated surface and the wall face. Since the Landmark units are not mortared, but interlocked, hydrostatic pressure is released through the joints in the blocks as well as the drain outlets typically placed along the bottom of the wall.



# Lasting Beauty Shouldn't Take Long to Install

All Anchor™ retaining wall products feature integral locators to ensure quick, easy and accurate installation.

No pins. No mortar. No misalignments.

Rear-lip locator invented by Anchor makes installation fast and accurate. Anchor – the original rear-lip product!



## REAR-LIP LOCATOR PRODUCTS

### DIAMOND PRO STONE CUT® RETAINING WALL SYSTEM

SEE BELOW FOR OPTIONAL ACCESSORIES.



Units	Large	Medium	Small
Approximate Dimensions*	8" x 18" x 12"	8" x 11" x 12"	8" x 7" x 12"
Approximate Weight*	77 lbs.	45 lbs.	34 lbs.
Coverage	1.00 sq. ft.	0.61 sq. ft.	0.39 sq. ft.
Setback/System Batter	1"/7.1°	1"/7.1°	1"/7.1°

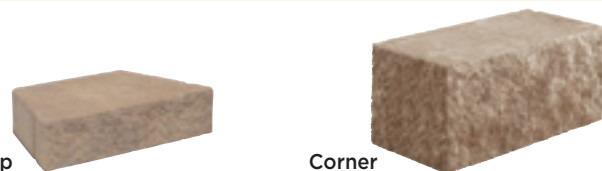
### DIAMOND PRO® RETAINING WALL SYSTEM

SEE BELOW FOR OPTIONAL ACCESSORIES.



Units	Beveled Face	Straight Face
Approximate Dimensions*	8" x 18" x 12"	8" x 18" x 12"
Approximate Weight*	72 lbs.	74 lbs.
Coverage	1.00 sq. ft.	1.00 sq. ft.
Setback/System Batter	1"/7.1°	1"/7.1°

### DIAMOND PRO STONE CUT AND DIAMOND PRO PRODUCT ACCESSORIES



Accessories	Cap	Corner
Approximate Dimensions*	Front, 4" x 17 1/4" x 10 3/8" Back, 4" x 12" x 10 3/8"	8" x 18" x 9" 8" x 18" x 9"
Approximate Weight*	47 lbs.	101 lbs.
Coverage	1.22 lin. ft.	1.50 sq. ft.

\*Product dimensions are height by face length by depth. Actual dimensions and weights may vary from these approximate values due to variations in manufacturing processes. Specifications may change without notice. See your Anchor representative for details, color options, block dimensions and additional information.

## LUG LOCATOR PRODUCTS

### VERTICA® RETAINING WALL SYSTEM



Units	Straight Face	Beveled Face
Approximate Dimensions*	8" x 18" x <small>Varies by manufacturer</small>	8" x 18" x <small>Varies by manufacturer</small>
Approximate Weight*	<small>Varies by manufacturer</small>	<small>Varies by manufacturer</small>
Coverage	1.00 sq. ft.	1.00 sq. ft.
Setback/System Batter	9/16"/4°	9/16"/4°

### VERTICA STONE CUT® RETAINING WALL SYSTEM



Units	Wall
Approximate Dimensions*	8" x 18" x <small>Varies by manufacturer</small>
Approximate Weight*	<small>Varies by manufacturer</small>
Coverage	1.00 sq. ft.
Setback/System Batter	9/16"/4°

### VERTICA PRO® RETAINING WALL SYSTEM



Units	Straight Face	Beveled Face
Approximate Dimensions*	8" x 18" x 20"	8" x 18" x 20"
Approximate Weight*	115 lbs.	112 lbs.
Coverage	1.00 sq. ft.	1.00 sq. ft.
Setback/System Batter	9/16"/4°	9/16"/4°

### VERTICA, VERTICA PRO AND VERTICA STONE CUT PRODUCT ACCESSORIES



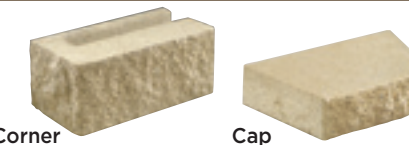
Units	Cap	Corner
Approximate Dimensions*	Front, 4" x 17 1/4" x 10 3/8" Back, 4" x 12" x 10 3/8"	8" x 18" x 20" 8" x 18" x 20"
Approximate Weight*	41 lbs.	115 lbs.
Coverage	1.22 lin. ft.	1.50 sq. ft.
Setback/System Batter	9/16"/4°	

## FLANGE LOCATOR PRODUCTS

### LANDMARK® RETAINING WALL SYSTEM



Units	Full	Tapered Full	Tapered Half-High	Foundation
Approximate Dimensions*	15" x 8" x 12 5/8" 15" x 8" x 11 7/8"	15" x 8" x 15 5/8" 15" x 8" x 11 7/8"	7 1/2" x 8" x 12 3/16" 7 1/2" x 8" x 11 3/16"	7 1/2" x 8" x 11 3/4"
Approximate Weight*	87/83 lbs.	82/78 lbs.	52/49 lbs.	48 lbs.
Coverage	0.83 sq. ft.	0.83 sq. ft.	0.42 sq. ft.	0.42 sq. ft.
Setback/System Batter	1"/3.8°	1"/3.8°	1/2"/3.8°	1/2"/0°



Accessories	Corner	Cap	Lock Bar
Approximate Dimensions*	Front, 7 1/2" x 17 1/2" x 9" Back, 7 1/2" x 17 1/2" x 9"	3 3/4" x 17 1/4" x 10 3/8" 3 3/4" x 11" x 10 3/8"	Length 5'4" Material Extruded polymer
Approximate Weight*	87 lbs.	44 lbs.	
Coverage	1.41 sq. ft.	1.18 lin. ft.	





*Edenvale*  
**HIGHLANDS**  
*A Floyd Calhoun Development*

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