

Gravity Channel Revitalizes Campus

An unsightly and heavily eroded storm channel at Morehead State University in Morehead, Ky., got a much-needed upgrade that transformed the eyesore into a beautiful part of campus.

The area was “completely hemmed in” by existing infrastructure. “We really couldn’t afford to use a product that required a lot of geogrid,” said designer Chris Howard, RLA and senior project manager for Carman Landscape Architects.

Designers chose Redi-Rock for several reasons:

- **Gravity design:** The gravity walls harness the power of gravity with 1-ton blocks that stack up like giant Legos, requiring no geogrid reinforcement in many applications. This allows walls to be installed closer to existing infrastructure or property lines. “There was no room for geogrid and no room for over-excavation, so the product worked very nicely in this scenario,” Howard said.
- **Engineered strength:** Although this stream bed often is dry, high flow is a fairly common occurrence and the channel needed a product that could handle it. Redi-Rock is capable of handling this level of high flows.
- **Efficient installation:** The installation team also was challenged with tight working conditions. “There was



very little room to work on the surface,” said Martin Fister of Free Contracting. “Installing this project was challenging, but it turned out to be a great project.”

- **Aesthetics:** The natural stone texture and color of the Redi-Rock LedgeStone blocks “blends in well with the adjacent buildings,” Howard said.

Once an unsightly part of campus, this 9-ft-tall gravity storm channel now keeps storm water from damaging the campus—and looks great. **SWS**

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BEHIND THE SCENES:

HOW A 100% POSITIVE CONNECTION IS POSSIBLE



If durability is important for your next storm water project, keep reading to see how the Redi-Rock Positive Connection (PC) System can help you achieve superior strength. Here, Redi-Rock reinforced walls support a bridge structure for a critical access road.

When reinforced retaining walls are required for erosion prevention or repair, you need a solution that will stand the test of time.

The heart and soul of the **Redi-Rock PC System for reinforced walls** is a massive amount of connection strength. There’s virtually no chance of a connection failure with the PC System because the grid wraps *through* the block.

In addition, the PC System:

- Utilizes a **corrosion-free reinforcement** system without special connection components

- Incorporates a **massive, ¾ ton, precast concrete block facing unit**
- Offers the incomparable durability of “wet cast”, **air-entrained concrete**
- **Simplifies wall construction**
- Delivers a **cost-effective, high-performance** retaining wall structure

The PC System for reinforced walls is available in LedgeStone, Cobblestone, and Limestone textures. Get a quote on your next project at www.redi-rock.com today!

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POSITIVE CONNECTION (PC) SYSTEM



Weight: 1540 lbs.
46" x 28" x 18" High
5.75 sq. ft. of Face

“There’s virtually no chance of a connection failure with the PC System because the grid wraps through the block.”

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