

Reveille United Methodist Church

Location: *Richmond, VA*
Engineer: *Hulcher & Associates, Inc.*
Architect: *Jimmy Shepherd*
www.shepherdlp.com
Contractor: *Taylor & Parrish*

The Problem

While constructing a major addition to the historic property (original buildings constructed around 1720), two critical goals were identified:

- 1) Mitigating the impacts to the historic gardens
- 2) Minimizing total costs

The two large concrete boxes specified to bring the site into compliance with newer stormwater quality requirements were seen as a hindrance to both goals. The concrete structures were disruptive to the gardens, and with a total installed price of nearly \$50,000, they consumed significant resources.

The Solution

Led by efforts from landscape architect Jimmy Shepherd (www.shepherdlp.com), the two larger concrete systems were replaced with four smaller biofiltration systems called FocalPoint. These high-performance systems are engineered to be roughly 1/15th the size of traditional biofiltration, which allowed them to be easily integrated into the facility. What's more, they softened the appearance of the stormwater treatment BMP's and reduced total in-place costs by more than \$25,000.



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