



Triton Fixes Problems in Detroit's Brush Park

The Situation:

Developers in the Brush Park area of Detroit, Michigan were having trouble constructing a stormwater system that dealt with all their needs.

The Challenge:

The project faced many issues, including limited space, contaminated soils and the need to accommodate utilities for the up-and-coming neighborhood. All of these problems had to be solved in a specialized and space-saving manner.



Triton systems will efficiently manage stormwater in Brush Park, an up-and-coming neighborhood



A liner was necessary to prevent infiltration of contaminants from the surrounding soil.

The Solution:

Instead of the planned stormwater pipes, Triton worked with Giffels Webster to provide 45,600 cubic feet of storage through 20 individual Triton Systems. The systems were also lined to prevent infiltration of contaminated soils into the stormwater. Due to the strength of the S29 chamber material, side connections of up to 18" O.D. and top connections of up to 24" O.D. are doable while maintaining their H-30 load rating, which allows utility companies to work with and around the systems.

The Installation:

The site design laid out many challenges, but Triton Stormwater Systems pride themselves on their ease of installation. "This installation was one of the more difficult I have seen because of the site constraints." Said Lead Triton Engineer, James Maier. "However, RBV Contracting, who had never worked with Triton before, quickly became experts in the installation of the liner, pipe boots and Triton Chambers."

The Result:

An 18,491 sq ft drain field providing 45,600 cubic ft of storage that effectively manages the storm water and allows for the inlet of 60 plus roof drains. This system will help further development of the Brush Park area.



20 individual Triton systems were implemented to facilitate the limited space.

WHAT THEY ARE SAYING

"The Triton System was very easy to install, while holding it's integrity very well. The people at Triton were great to work with as they came to our office pre-construction to meet with our team and made may site visits during installation to resolve any issues we were having. Triton was an excellent company to do business with."

– ADAM SHINABARGER – RBV FOREMAN

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