

Product Spotlight



Atlantis tanks installed and ready for crushed rock placement.



PaveDrain Spreader bar being used to place 7.5'x 17.5' panel into place.



PaveDrain installation completed. ASP bump bar shown is used to tighten up all block spacing.

Project Name: The Grissum Building
Owner: City of Columbia
Engineer: Erin Keyes
Contractor: SPE, Inc
Job Superintendent: Seth Paul

Install Date: May, 2014
Products: PaveDrain and Atlantis
Qty: 20,000 cubic feet of Atlantis storage, approx. 6200 square feet of PaveDrain

Problem:

The City of Columbia Public Works Department had grown to a size that the Grissum Building parking lot was always full and the overflow of employees were forced to park out in the street. It was determined that a detention basin on the northwest portion of the property could be paved over, if a method of detaining the volume of water could be found.

Solution:

Underground Detention was considered for the required detention volume. The Atlantis D-Raintank was selected as the product that would fit the specific needs of the site. After reviewing the volume requirements and evaluating the maximum amount possible, triple tanks were selected as the height necessary and the details were worked out. Additionally, utilizing a permeable pavement system was suggested as a way to get the water into the tanks in a LID method-eliminating the need for additional infrastructure-catch basins, water quality units, etc.

Product description/benefits:

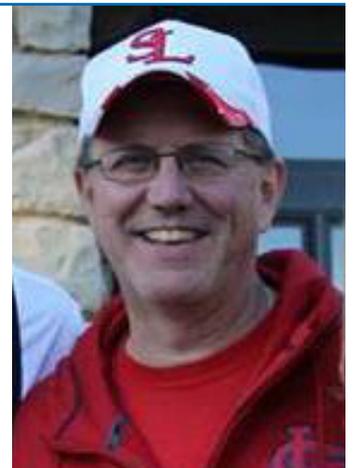
The combination of PaveDrain on top of the Atlantis Raintank was determined to be a great alternative to traditional stormwater management. The Atlantis Raintank maximized the excavated void space while maintaining a high-loading vehicular strength. Two feet of 3/4" clean gravel was placed on top with the PaveDrain then being placed as the finished pavement. PaveDrain infiltration testing shows a 4000 inches per hour infiltration rate-unheard of in the Industry.

[Learn More on our LID solutions >](#)

Editor's View

Thanks to the Volunteers....

"Volunteers make the world go round" is a quote that for the life of me I could not find the origination of, but have heard many times over the years. Today I thank all the volunteers in the APWA, Engineers Club, KSPE, MSPE, and many more. Dedicated professionals, giving back to the industries that they are in, are what drive these associations and keep them more than just going, but thriving. One particular organization that I want to single out is the Great Rivers Chapter of the IECA-International Erosion Control Association. Our 4 state chapter has committed board members that constantly strive to give the community the very best content in their spring and fall conferences, tirelessly attempt to improve each local community in stormwater management, all while also doing their own paid job. A special Thank You to JB Dixon (Past President), President Darice Baxter, VP Amy Foster, and other board members: John Warren, Rebecca Kauten, Tom Wells, Ron Poe, Robert Decker, Mike Wolfe and Patty Ogle. Thank you from all of us in the stormwater industry!



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