The Parking Lot That NEVER Floods

BATTALION HQ

Fort Campbell, KY

Owner & Engineer: U.S. Army Corp of Engineers

Distributor:Site Supply, Inc.
Columbus, OH

Manufacturer: PaveDrain, LLC & Lee Brick & Block

Installation Contractor: Pinnacle Design/Build Group, Inc.

Cumming, GA

Application: Parking Lot Reconstruction

PaveDrain Quantity: 52,769 Square Feet



In Oct. 2004 the Department of Defense (DoD) issued Unified Facilities Criteria on LID (UFC 3-210-10), a stormwater management strategy designed to maintain the hydrologic functions of a site & to mitigate the adverse impacts of stormwater runoff from DoD construction projects. This requires any Federal entity sponsoring development or re-development of 5,000 Sqft or more "...shall use site planning, design, construction, & maintenance strategies for the property to maintain, or restore, to the maximum extent technically feasible, the predevelopment hydrology of the property with regard to the temperature, rate, volume, and duration of flow."



Concerns about storm water quality along with maintenance and longevity of the product were at the top of the list. Pinnacle Design/Build Group out of Georgia was chosen for the installation which finished in the fall of 2014. After installation, John Busuego, Executive Officer @ HHBN stated:

"The Ft. Campbell project @ HHBN Parking Lot in my opinion is a success. We are very happy with the final PaveDrain installed system. DPW has yet to do any maintenance on it and it appears that we will not have too for the next 7-10 years. Water does not pond in the parking lot. I hope to see it used more on these types of projects."

7 years after installation we stopped by the site, his statements have proven quite prophetic. In fact, the security guard for the facility referred to this parking lot as "The Parking Lot That Never Floods."





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