

Infiltration Tank – Under Car Park
Flood Mitigation

Project Location East Norriton, PA, USA

Project Details SWEDE SQUARE UNDER CARPARK INSTALLATION

Completion September 2008

Location

115 W Germantown Pike #200 East Norriton, PA 19401 USA.

Client

Cedar Shopping Centers -Swede Square

Module Type

Double Module (2 high) with 4 small panels (2.6 x 0.41 x 0.685 meters each module).

Catchment area:

33,994 m² (8.4 acres)



Project:

This required to have maximum storage capacity, while having minimum excavation, as well as locating it in area where the land can be reutilised as, such as for parking, implying that it also had to be a strong structure and in this case complying with the US H-20 standard that allows for vehicle traffic over the tank.



02.10.2009

Flood Mitigation



Solution:

The Atlantis Matrix Tanks were ideal suited as a solution as they allow a very quick installation compared to the traditional options for stormwater detention. Minimal heavy equipment is required and only to accelerate the installation process.



The Atlantis System offers structural strength that enables the application of granular backfill material with a small mechanical shovel. The system also offers inspection points that also serve, if ever required as a cleaning point.