Atlantis®
Water Management for Life
ESTABLISHED IN 1986

Infiltration Tank
Flood Mitigation

Project Location	Philadelphia, PA, USA
Project Details	IRREGULAR TANK FOOTPRINT FOR STORMWATER INFILTRATION
Completion Date	August 2008

Location

Wistler Street corner Conlyen Street,
Philadelphia, PA, USA

Client

La Salle College

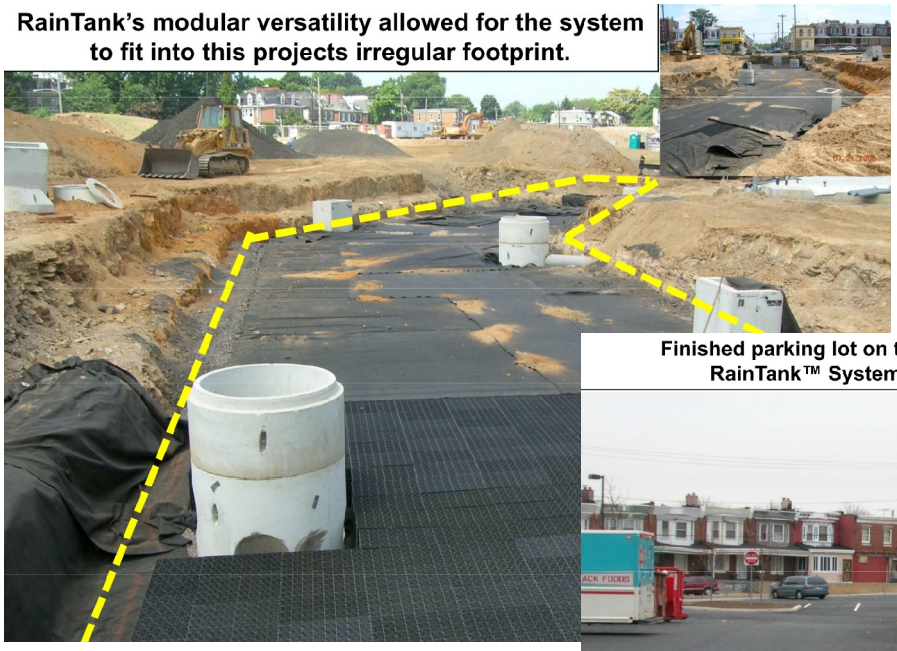
Catchment Area:

15,500 m^2 (3.7 Acres)

Module Type

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

RainTank's modular versatility allowed for the system to fit into this projects irregular footprint.



Finished parking lot on top of RainTank™ System

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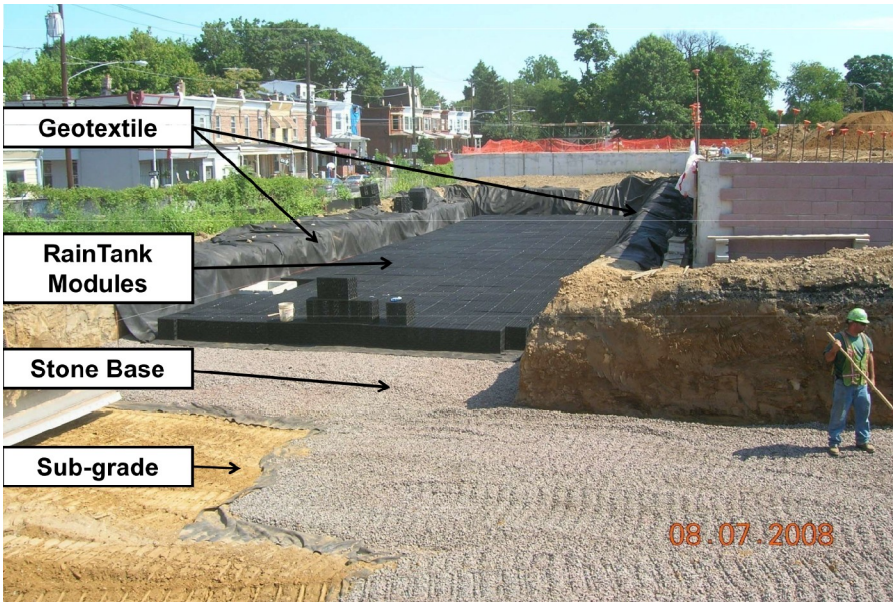
The challenge: The site conditions required the configuration of an irregular footprint as the requirement of building foundations had to be taken in to consideration. In addition to this several individual tanks of irregular shapes would have to be connected as a system to offer the optimum use of space.



Solution:

The modularity, scalability, versatility and flexibility of the Atlantis system allowed for a a design and installation that allowed for configuration that are not necessarily right angles.

The light weight, though strong plastic structures allowed for a very quick installation, that contrasts with traditional concrete cistern systems, which are more expensive, more time consuming to install, and can be more complicated to repair if not designed or constructed correctly. Another significant advantage of the Atlantis systems is the passive purification of the water that enters the system and is then allowed to recharge the aquifers, this permitting the completion of the natural water cycle.