

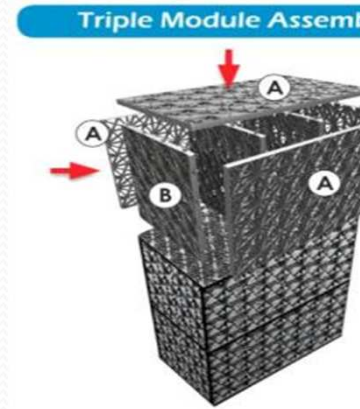
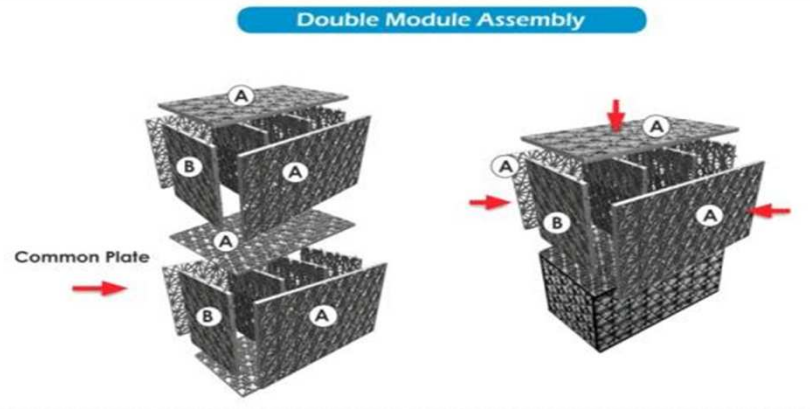
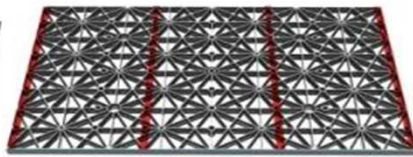
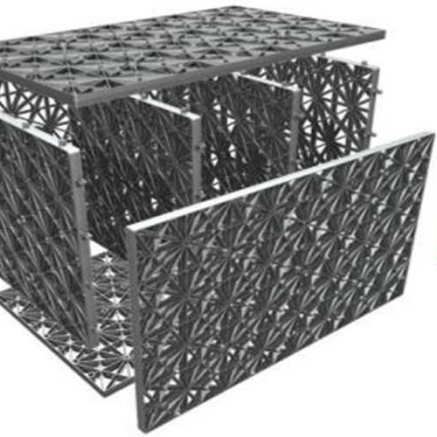
# Stormwater as a Resource

## Atlantis Modular Underground Storage Tanks



The Midwest's Most **Trusted** Site Solutions Provider

# D-Rain Tank Assembly



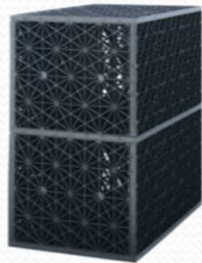
# Atlantis Matrix™ Tank Module

Estimated Load:  
t/m2



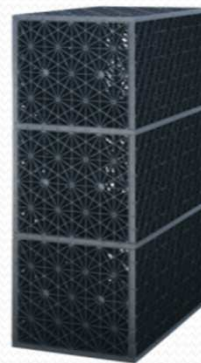
## Single Module

Size:  
(W) 16.06"  
(L) 26.97"  
(H) 17.72"  
Volume: 4.22 cft



## Double Module

Size:  
(W) 16.06"  
(L) 26.97"  
(H) 34.65"  
Volume: 8.25 cft



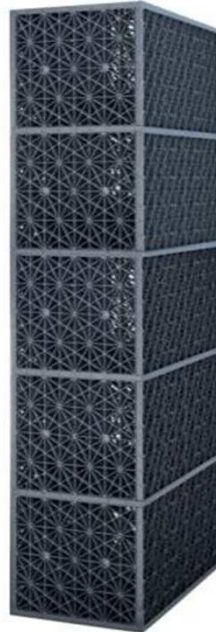
## Triple Module

Size:  
(W) 16.06"  
(L) 26.97"  
(H) 51.57"  
Volume: 12.28 cft



## Quad Module

Size:  
(W) 16.06"  
(L) 26.97"  
(H) 68.5"  
Volume: 16.31 cft



## Penta Module

Size:  
(W) 16.06"  
(L) 26.97"  
(H) 85.43"  
Volume: 20.35 cft



Supply Co.

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# D-Raintank (Matrix) Performance

Lightweight and quick to install

Strong structural strength for vehicle loadings up to 34 psi (26.8 t/m<sup>2</sup>)

Modular design allows for any shape - efficient use of space

Stacks to depths more than 7 feet or to a minimum of 2 feet (mini H 9.45")

High infiltration with 60% void surface area; 95% void internal area

Reduced excavation/footprint

Easily transported – can be supplied unassembled for reduced delivery costs

Eliminates breeding grounds for mosquitoes and other vermin.

Made of recycled material



The Midwest's Most **Trusted** Site Solutions Provider

# Atlantis Technology Worldwide

Atlantis is a point source infiltration and detention stormwater management system comprised of 90% void structure products, wrapped in specified geo-textile for use in a wide range of water management applications.

## Typical applications of Atlantis technology:

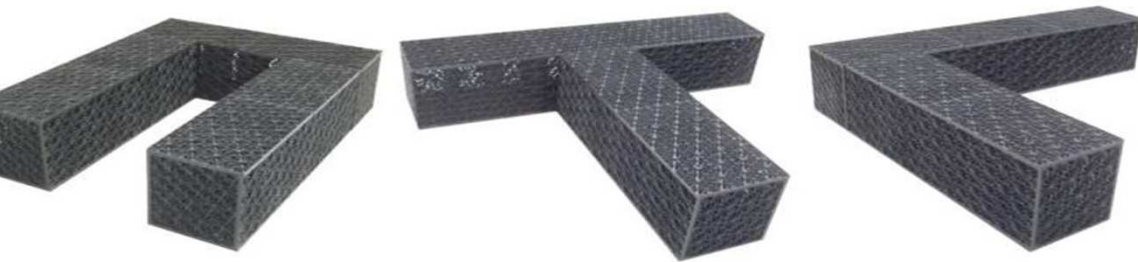
- Detention Tanks
- Infiltration Tanks
- Rainwater Harvesting Tanks
- High Groundwater Management
- Rain Gardens / Swales
- Wetland Construction
- Bio-retention
- Permeable Paving
- Roof Gardens & Planter Box Drainage



# Footprint Challenges

Atlantis stormwater products are being introduced to provide flexible options to pipe channels that are restricted to large area footprint.

*Create any Shape or Size*





**Case Study:**

**2 South Maple**

**Webster Groves, MO**





## Background info:

**Problem:** Sanitary Sewer back-up and localized flooding in residence

**Solution:** A Stormwater “Treatment Train” including Permeable Concrete Pavers, Atlantis R-Tanks & a Nyloplast Drain Basin Yard Inlet

**Story:** 2 issues – A combined sewer entry in the driveway and an L shaped backyard.





# Problem 1



# Problem 2





VA  
TER



**NSIP**  
**ENTERPRISES**

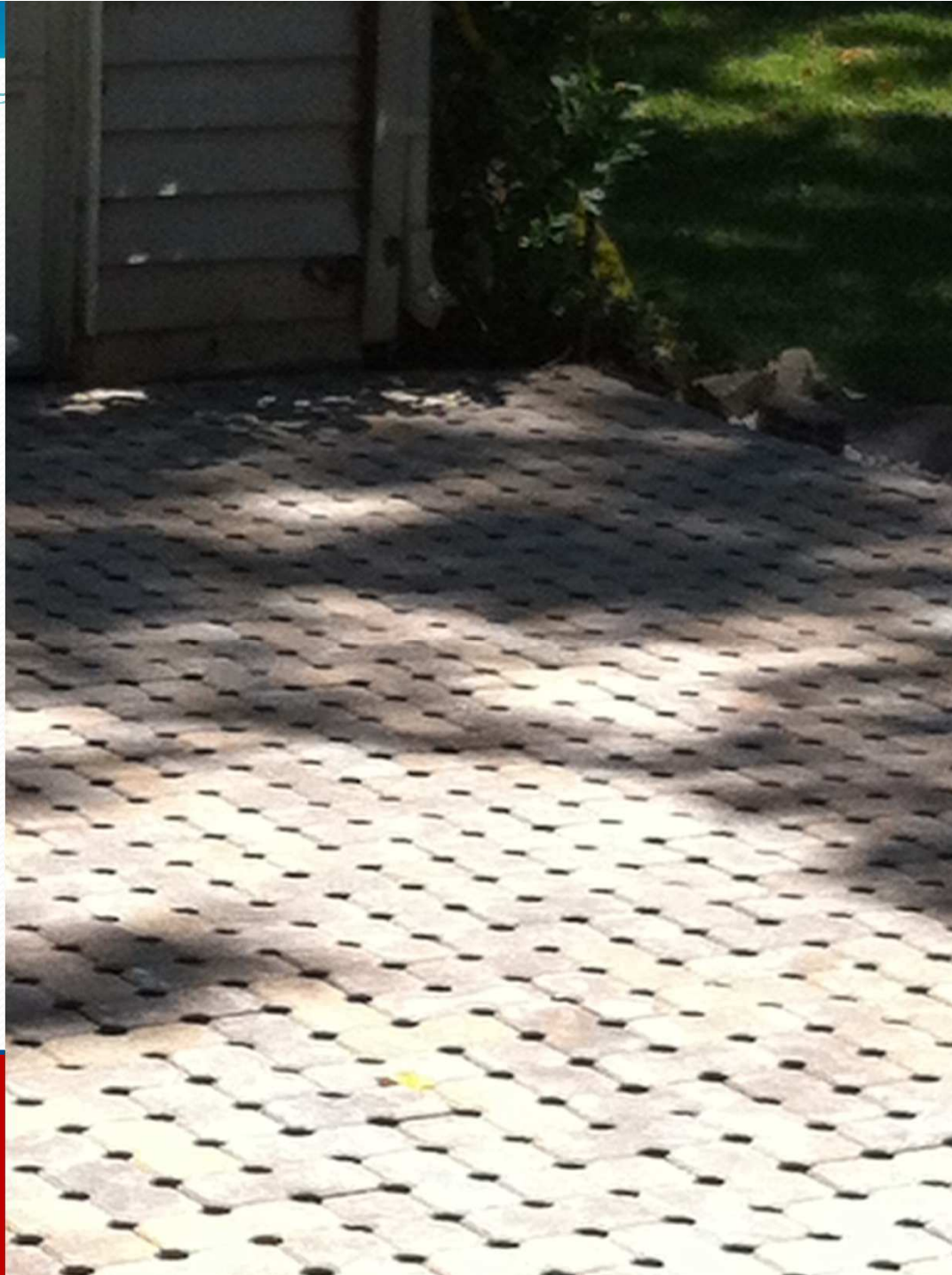


W  
T E F



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**ENTERPRISES**



Thank you!

