STORMTANK®
Expect Results™

CASE STUDY:
PENSACOLA, FLORIDA

The Gulf Breeze Medical Office Building project in Pensacola, Florida, was over budget, and like many projects, the stormwater management system was a large contributing factor. In addition, the Florida panhandle lacks a prominent supply of aggregate, making larger excavations that require a lot of stone very expensive.

To reduce costs, the contractor began seeking alternatives for the specified arch product that would use less material and landed on the StormTank Module. The StormTank team worked with local distributor, R.H. Moore, and the project engineer to evaluate different product heights and alternative design layouts.

Ultimately, the high void space of the Module system allowed for more storage in a smaller footprint, reducing the original excavation size and using less stone backfill. These key savings enabled the contractor to bring the total installation cost back within budget and ensure the owner was able to continue the project.

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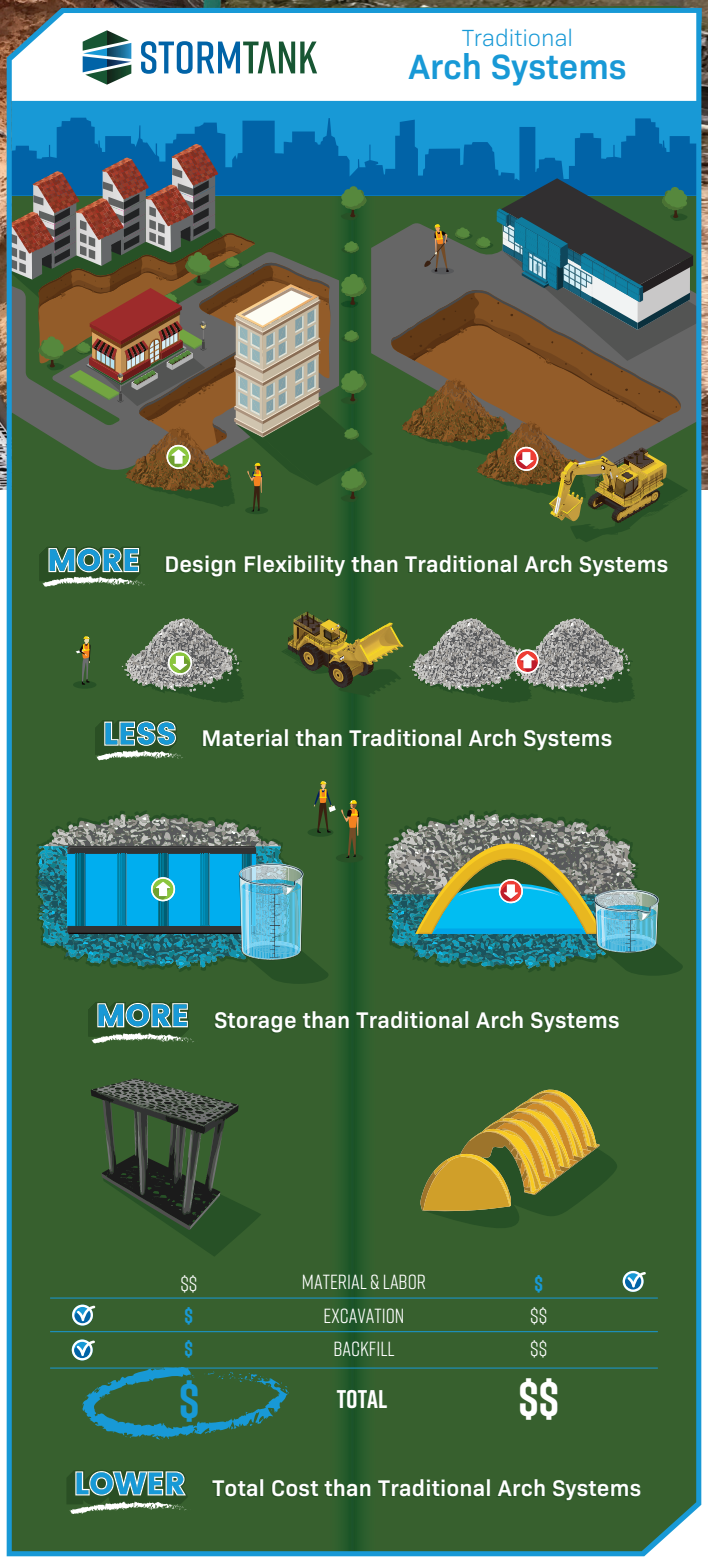
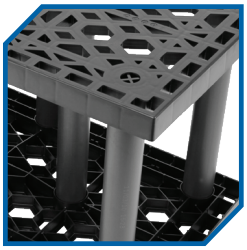


MADE IN THE USA

A BRAND OF BRENTWOOD

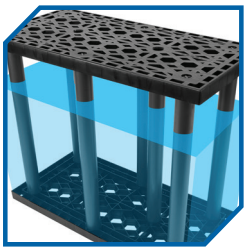
THE MODULE

The StormTank Module is a subsurface stormwater storage unit load-rated for use under surfaces such as parking lots, athletic fields, and parks. Its design provides maximum storage while minimizing the installation footprint to reduce construction costs and allow for utilization of valuable land. The Module is commonly used for detention, infiltration, and rainwater harvesting applications but can also be utilized for flood mitigation and bio-retention.



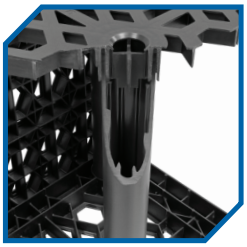
TOP & BOTTOM PANELS

The Module's top and bottom panels are injection molded from polypropylene. They are engineered for strength and uniformly distribute load to the columns.



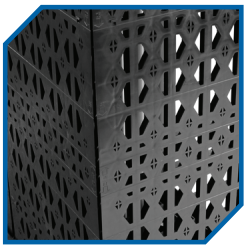
HIGH VOID SPACE

The Module offers up to the largest void space of any subsurface stormwater management system currently on the market, with models providing as much as 97 percent.



REINFORCED COLUMNS

Extruded from PVC and designed with reinforcing structural ribs, the Module's columns maximize strength. System stackability and variable column height accommodate tight site constraints.



SIDE PANELS

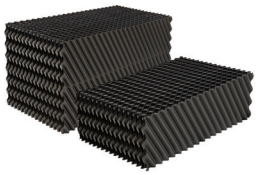
Side panels are used around the perimeter of the Module system to prevent fill material from entering and are injection molded from polypropylene.

Height	Nominal Void Space
18 in (457 mm)	95.5%
24 in (610 mm)	96.0%
30 in (762 mm)	96.5%
33 in (838 mm)	96.9%
36 in (914 mm)	97.0%

ADDITIONAL STORMTANK PRODUCTS

THE SHIELD

The Stormtank Shield provides a low-cost solution for stormwater pretreatment by reducing pollutant discharge.



THE PACK

The Stormtank Pack is the light-duty solution for subsurface stormwater management.

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