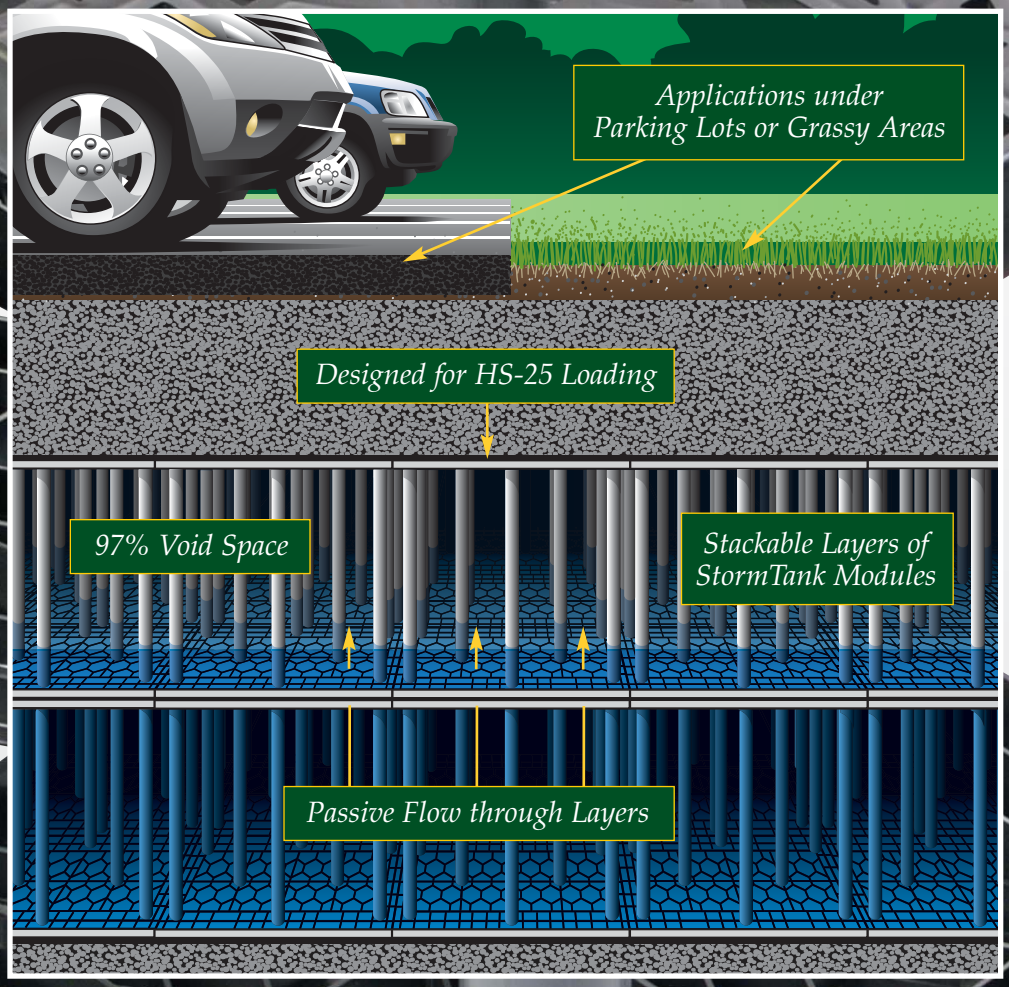
STORMTANK™ STORMWATER STORAGE MODULES



StormTank™

Stormwater Storage Modules are a high-void, strong, affordable alternative to crushed stone, concrete structures, or pipe chambers for sub-surface stormwater detention or infiltration basins.

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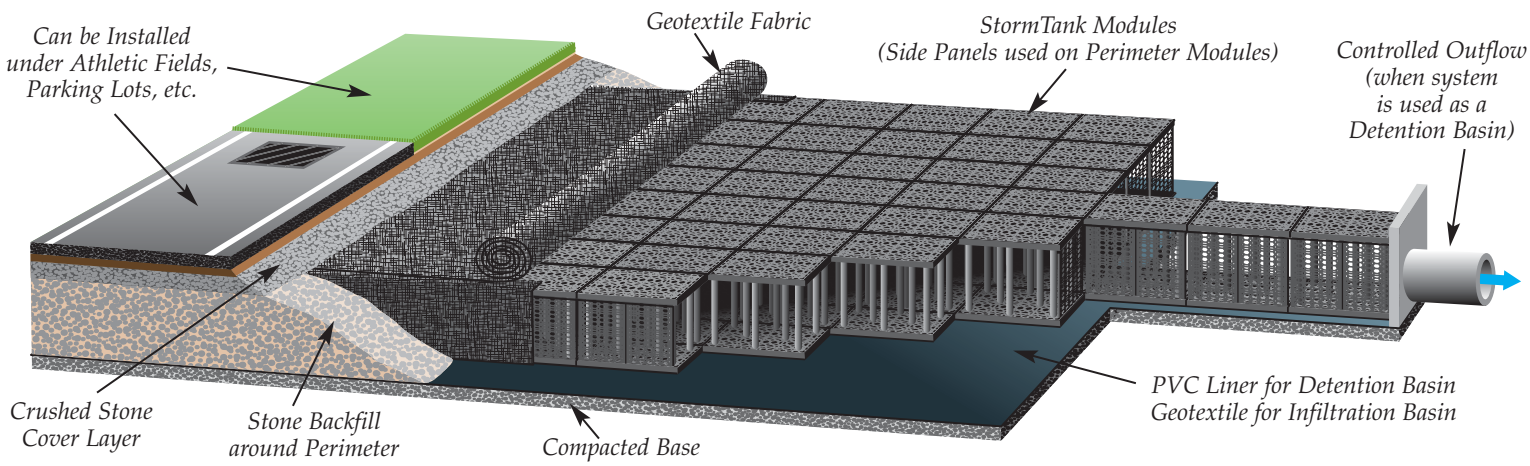
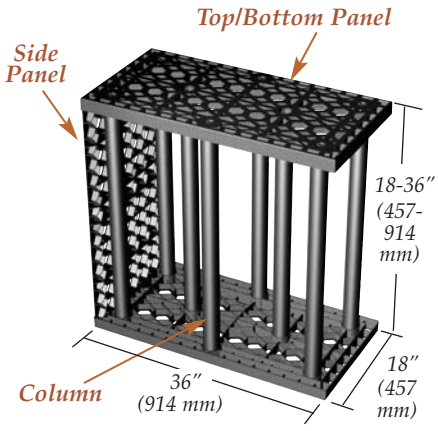
STORMTANK™ STORMWATER STORAGE SYSTEM



Brentwood's StormTank™ Stormwater Storage System is a high-void, strong, affordable alternative to crushed stone, concrete structures, or pipe chambers for sub-surface stormwater detention or infiltration basins.



HIGH VOID, HIGH STRENGTH Our modules offer the largest void space of any underground stormwater storage units currently on the market (97%), and are load-rated for use under parking lots, athletic fields, parks, etc. (Designed to exceed HS-25 loading criteria)!

EASY TO INSTALL The entire StormTank Storage System is built on-site from Top/Bottom Panels and Side Panels made of rugged, lightweight polypropylene and 2-3/8" (60.3 mm) diameter PVC columns. Combinations of these three components create all the module configurations needed for a fully-functioning underground system (see example at top).

To minimize shipping costs, the StormTank components are delivered unassembled, but on-site assembly is a snap! No special equipment, tools, or bonding agents are needed to assemble or install the modules. All components easily attach with a secure concentric pressure fit.

StormTank installation is quick & easy ... and requires no special tools or equipment!

EASY TO CLEAN The open tops/bottoms and sides of the modules makes flushing and cleaning easy ... a great advantage over storage systems where access is limited.

SAVES SPACE AND MONEY Because of its 97% void space, stackability, and HS-25 strength, a StormTank system offers significant space and cost savings when compared to conventional stormwater storage solutions. For example:

- A StormTank installation requires a much smaller footprint than a crushed rock system with the same amount of stormwater storage capacity. And less space used also means less expense for excavation, geotextile, liner, installation, and backfill.
- Because a StormTank system is installed underground, it frees up surface space for uses that would be otherwise unavailable with a typical detention pond.
- StormTank's stackability and variable column height can maximize the use of a site with limited surface area.

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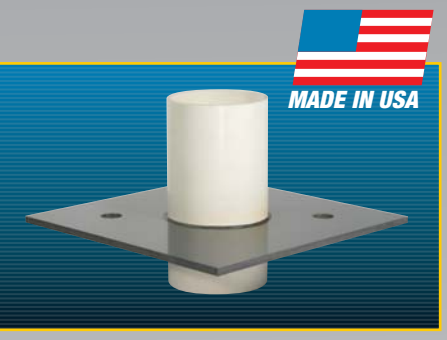
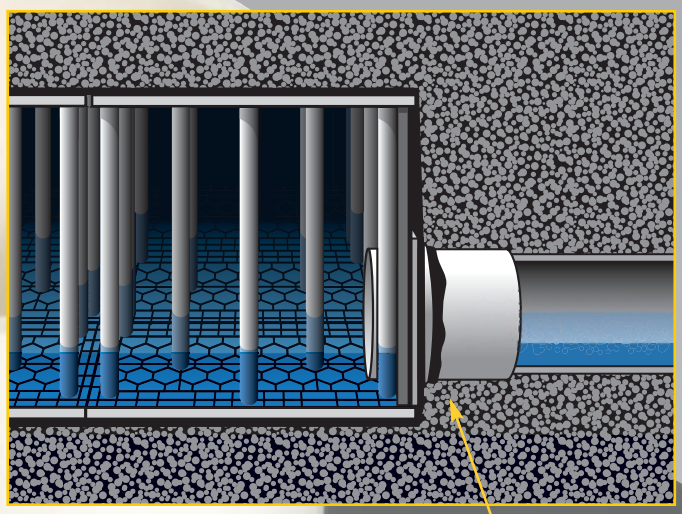
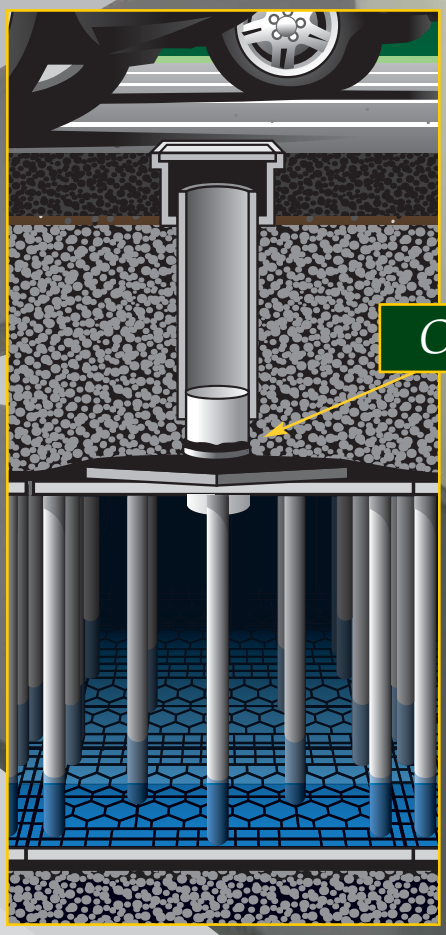
STORMTANK™ CONNECTION ACCESSORIES





Inlet/Outlet Connections



Observation Ports

StormTank
Observation Ports and Inlet/Outlet Connections
are ruggedly constructed and specifically designed for use with StormTank Stormwater Storage Modules.

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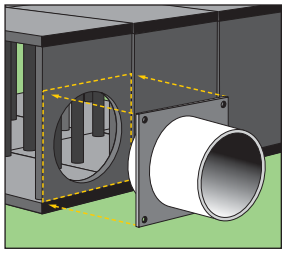
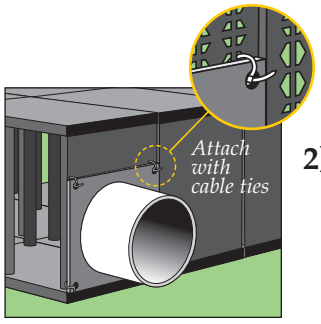
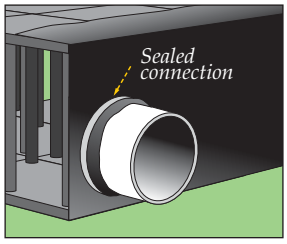
STORMTANK™ CONNECTION ACCESSORIES

INLET/OUTLET CONNECTORS







TO INSTALL:

1) Cut Hole in Side Panel

Using a hole saw or jigsaw, cut a hole in the StormTank Side Panel in the same diameter as the inlet/outlet connector pipe. Before cutting, make sure the center of the proposed hole is located at the correct elevation and that the flange plate of the connector does not extend beyond the side panel edges.

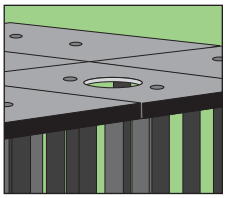
2) Attach Connector to Side Panel

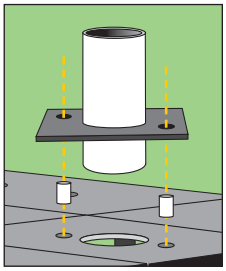
Attach the connector to the side panel using cable ties through the holes in the corners of the flange plate. Make sure the longer length of the inlet/outlet connector pipe is on the outside of the StormTank system to allow for joining the drain pipe.

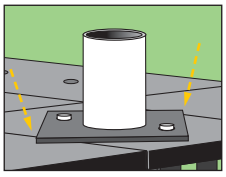
3) Cover with Geotextile and/or Liner

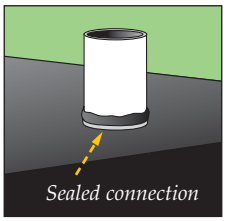
Cover the connector flange plate with geotextile and/or liner material and seal with banding or water-resistant tape.

OBSERVATION PORT









TO INSTALL:

1) Cut Hole in Top Panel

Using a hole saw or jigsaw, cut a hole in the center of the StormTank Module Top Panel in the same diameter as the observation port pipe.

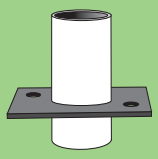
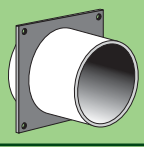
2) Align Port Plate with Top Panel

Insert two StormTank Vertical Connectors into the circular recesses of the top panel of the StormTank module and align the port plate using the matching holes in the plate. Make sure that the plate is positioned so that the corners of the plate extend across the two adjoining modules.

3) Cover with Geotextile and/or Liner

Cover the port plate with geotextile and/or liner material and seal with banding or water-resistant tape.

CONNECTION ACCESSORIES DIMENSIONS

	PIPE DIAMETER	PIPE LENGTH	PLATE DIMENSIONS	PLATE THICKNESS
OBSERVATION PORTS				
	4″ (102 mm)	11.25″ (286 mm)	18″ x 18″ (457 mm x 457 mm)	0.50″ (13 mm)
	6″ (152 mm)	11.25″ (286 mm)	18″ x 18″ (457 mm x 457 mm)	0.50″ (13 mm)
INLET/OUTLET CONNECTORS				
	12″ (305 mm)	11.25″ (286 mm)	18″ x 18″ (457 mm x 457 mm)	0.25″ (6 mm)
	14″ (356 mm)	11.25″ (286 mm)	18″ x 18″ (457 mm x 457 mm)	0.25″ (6 mm)

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