

The RTank^{HD}
system provides
underground
stormwater storage
for:

- Infiltration
- Detention
- Retention / Harvesting

The system is an alternative to stormwater basins and a more efficient system than other underground options.

The RTank^{HD} system can be utilized under:

- Parking Lots
- Driveways
- Landscaping
- Streets
- Athletic Fields
- Swales & Channels
- More...



Individual Panels are Assembled to Create Stormwater Management Modules

1. Connect five small panels into one large panel using the short pegs



2. Next, working from one end to the other, attach a second large plate on the opposite side of the first



3. Once the top and bottom panels are attached, two more side plates are attached to complete the sides of the RTank^{HD} unit

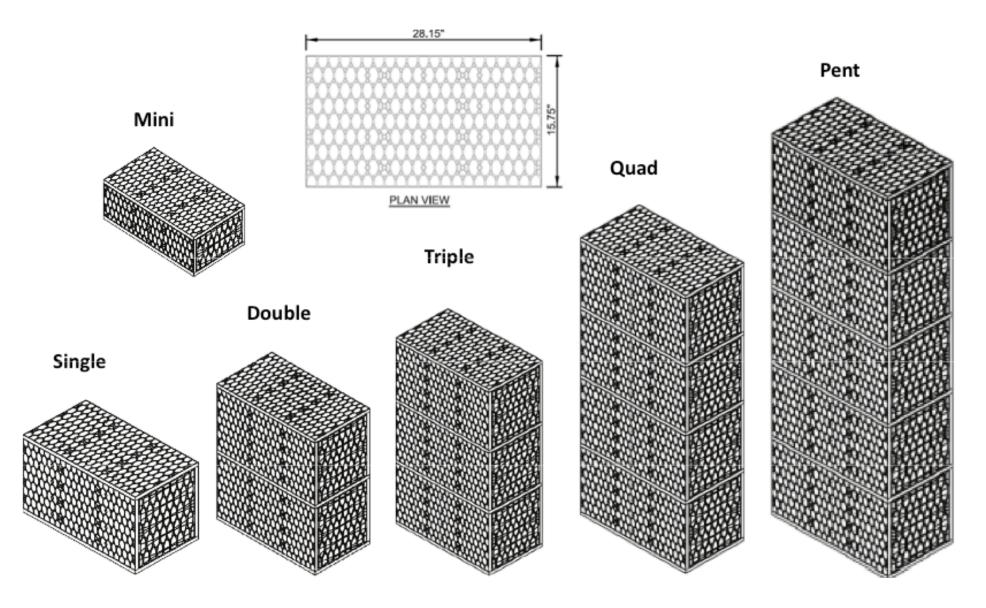


4. This completes one single RTank^{HD} unit, to build bigger unit the process starts again from the top panel of the single unit





The RTank^{HD} is a modular system and can be assembled to a variety of heights from 91/2" to just under 7'.

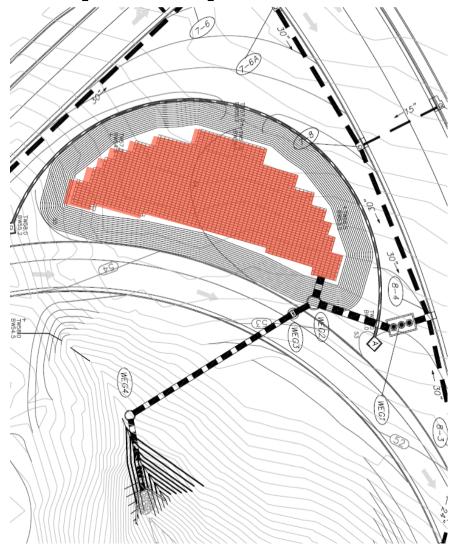


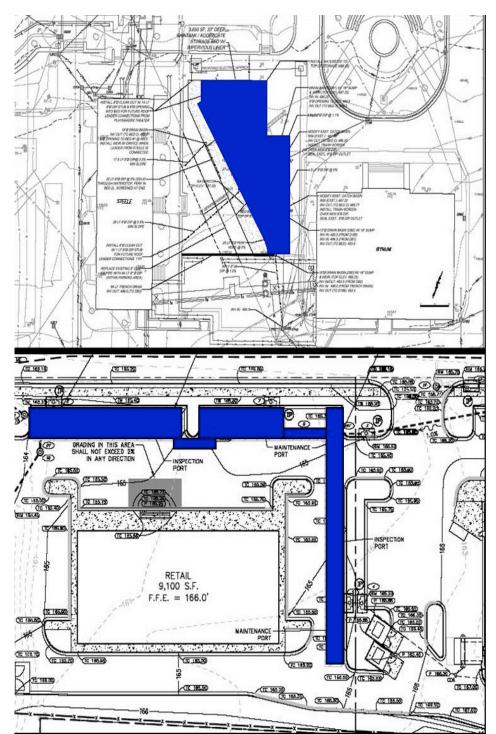
RTank^{HD} provides 95% void space, requiring minimum excavation for maximum storage capacity and efficiency.



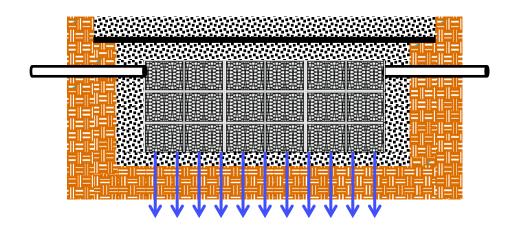
RTank^{HD} "squared" shape makes calculations and installation easy.

Design Flexibility:Complex Shapes

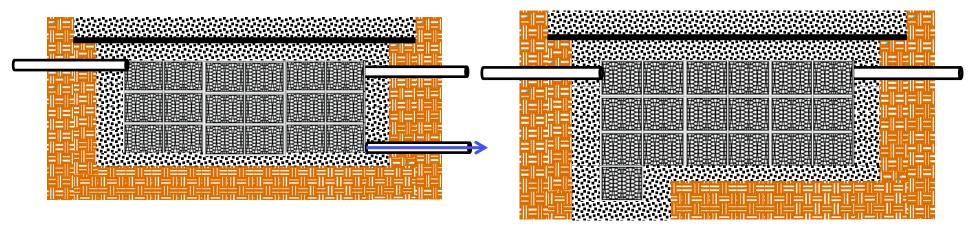




Typical RTank^{HD}
Designs Include:
Infiltration,
Detention
And
Retention
Applications



Design: #1 Infiltration



Design: #2 Detention

Design: #3 Retention

RTank^{HD} is freight friendly, modules are shipped as unassembled panels and then assembled on or near site.

The RTank^{HD} modules are then easily hand placed in the prepared and lined excavated area.

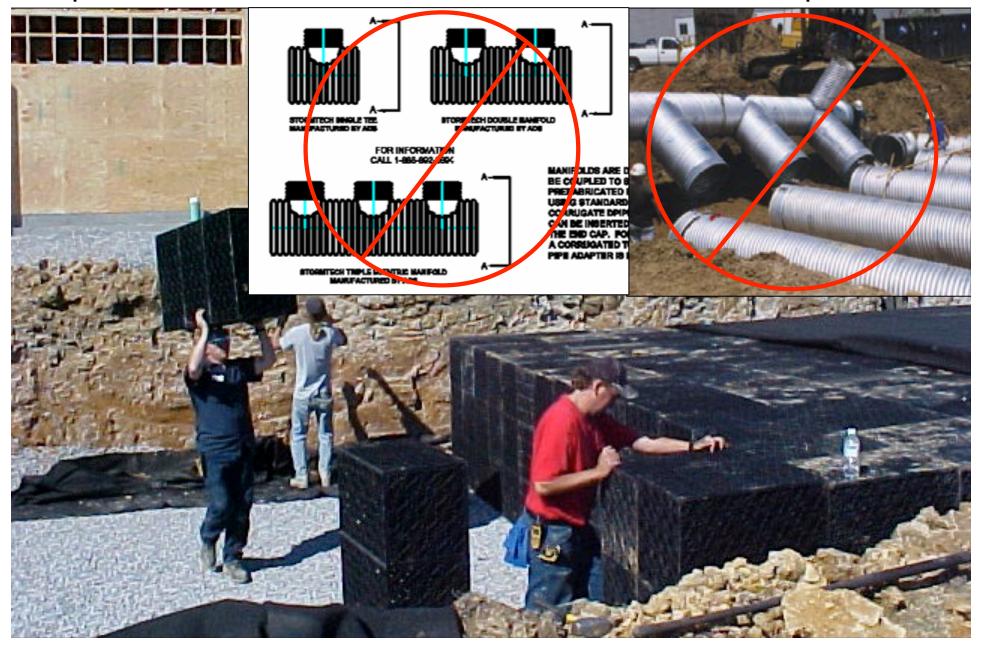
The RTank^{HD} system will significantly reduce the need for, and cost of, heavy equipment and trucks needed for stone based systems. Improved efficiency!



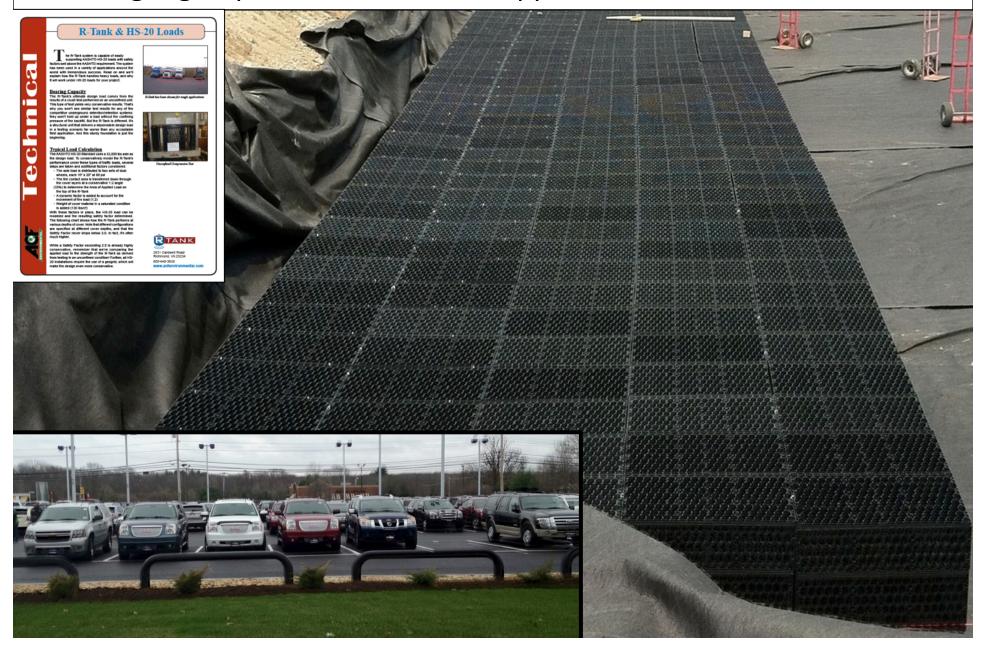




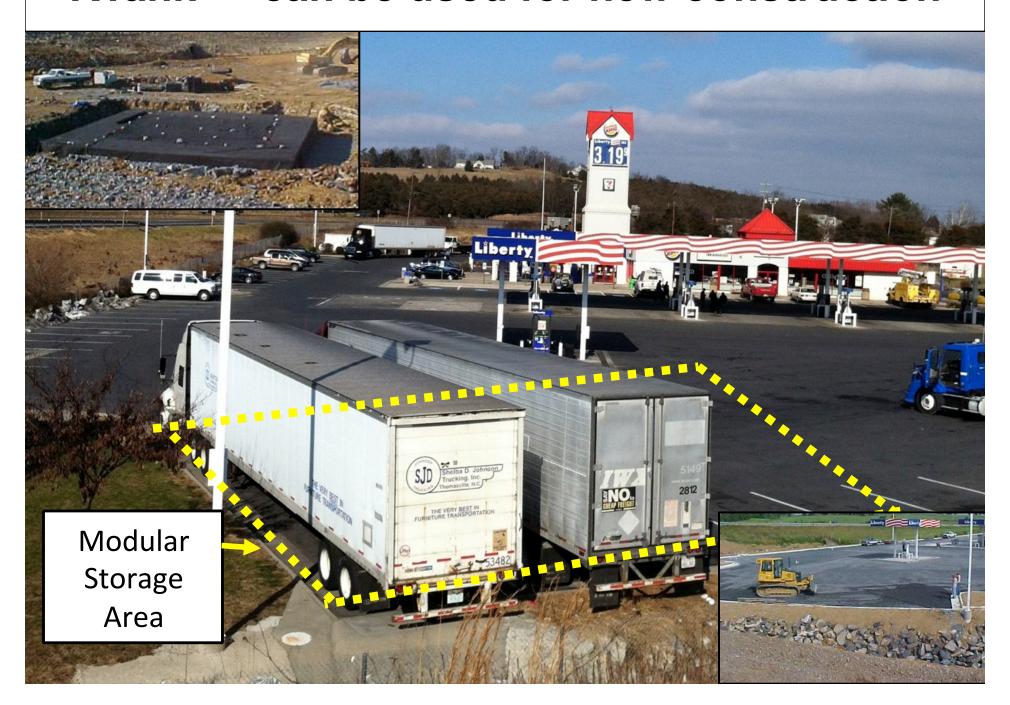
RTank^{HD} is self contained: No manifolds or connections that are expensive, hard to estimate and can slow down field operations.



RTank^{HD} Strength: The system approach using specific cover thickness and geogrid provides H-20 load support with an additional F.O.S.



RTank^{HD} can be used for new construction



RTank^{HD} can be used for basin retrofits



The added parking area above the functional storm water detention system provides better utilization and more value that the traditional open basin approach.

Comprehensive Design Tools & Support are Available!

