TRUEGRID®
True to your project. True to the environment.

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1-855-355-GRID(4743)

TRUE to your project
CASE STUDY

Texas Storage Facility - 175,000 SqFt

For Pricing or a 24-Hour Quote, visit www.truegridpaver.com/pricing/commercial

100% Land Utilization with TRUEGRID Permeable Parking Lot

11.5 Acre Usable Site With Concrete

2.5 Acres Wasted Land

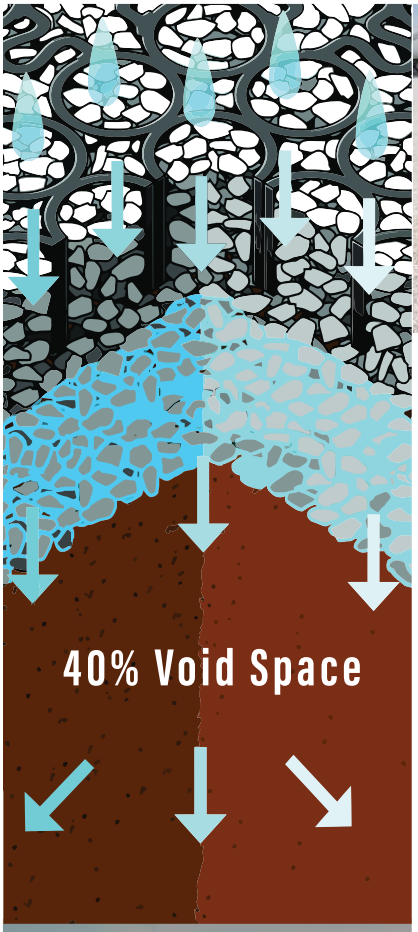
The Project:

The owner of this Texas self-storage facility was ready to develop his site. His engineers, as well as the city, told him he would need to use 2.5 acres of his 14 acre site to build a detention pond. Gravel along would not be counted as pervious cover.

$5 Million Dollar Hole

2.5 Acre Detention Pond Eliminated- 175,000 SqFt TRUEGID

1. Detention Pond Soil Removal & Construction	$190,000
2. Pumps	$185,000
3. Other Drainage Elements	$33,000
4. Square Footage Savings vs. Concrete	$595,000
Subtotal : Savings	$1,003,000
Revenue Generation from Land Utilization (based on 25 year project use)	$4,320,000
Total Financial Impact	**$5,323,000**



The Result:

The owner saved over $1M in construction costs and gained the opportunity to utilize the land to generate over $4M in revenue for the next 25 years.

Happy Owner

Clients love the dry, stabilized surface to park and drive their RVs and boats on without mud, rutting and hot asphalt.

Happy Clients

The city is pleased to have a natural surface and lower the impact on the city stormwater system.

Happy Ending

Engineers Note:

Detention ponds not only are expensive but have inherent problems. Maintenance costs, safety and drowning hazards, mosquito breeding, stormwater contamination with anoxic conditions are just a few. TRUEGRID eliminates these issues while providing detention.

Land Savings	2.5 Acres
Plastic recycled & saved from landfill	229,680 lbs
CO_2 emissions eliminated by Exclusion of Concrete	1123 tons
Estimated Project Savings vs Concrete	$1,003,000

The Solution:

He chose TRUEGRID, manufactured in Houston, Texas. Working hand-in-hand with TRUEGRID, his civil engineers calculated that the entire site's detention volume requirements could be met with 6" of sub-base under the TRUEGRID surface.

-Locally sourced **3/4" limestone base** and **5/8" limestone fill**.

-Graded land with **2% slope** so stormwater that did not infiltrate the sub-soils could be sheet flowed toward the rear of the property.

-**Porous pinpoint fabric** was used for added stabilization of the clay soils.

Contact Nathan Wood

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Made in the U.S.A