

Practical experience:

ACO Surface Water Management

2019
American Fork, UT - USA



Advantages

- StormBrixx® SD allows for easy access and maintenance from the groundskeeper.
- StormBrixx® SD provides a 97% void ratio, allowing for a taller, deeper system without going wider.
- Rated for HS20 - ideal for parking lot applications.

Mount Timpanogos Utah Temple, American Fork, UT

ACO infiltration system as part of complete surface water management solution

The Mount Timpanogos Utah Temple is the 49th operating temple of The Church of Jesus Christ of Latter-day Saints. The temple is located in American Fork, Utah, and is the second temple built in Utah County.

The Mount Timpanogos Utah Temple sought to replace their outdated French drain system with something that would prevent water from collecting in the parking lot and on the landscape, making the majestic temple appear unsightly and hazardous.

StormBrixx® SD is completely traffic rated for HS20, and the column design allows loads to be readily absorbed while being driven on.

The interconnecting, modular design enabled the three layers of ACO StormBrixx® SD to be installed in a short period of time, reducing installation time and costs.

French drain replacement in parking lot to improve aesthetics and remove hazards of stormwater ponding



ACO. we care for water





The structural integrity of ACO StormBrixx® allowed for a deeper, 3-layer tank design to meet the capacity and footprint constraints of the project.



A tank to store the stormwater volume generated by a one in five-year storm event was needed (266m³).

Alternative products would have required a much wider tank design that didn't fit easily into the site footprint. ACO StormBrixx® HD can be configured deeper due to its inherent structural integrity. A 3-layer tank was used to ensure sufficient stormwater storage capacity to eliminate future flooding in the parking lot and landscaping.

With correct installation ACO StormBrixx® SD is rated for HS20 - ideal for parking lots.

Information at a glance

Project: Parking lot redevelopment

Investor: Mount Timpanogos Utah Temple

Construction year: 2019

ACO Products:

- ACO StormBrixx® 900 SD

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