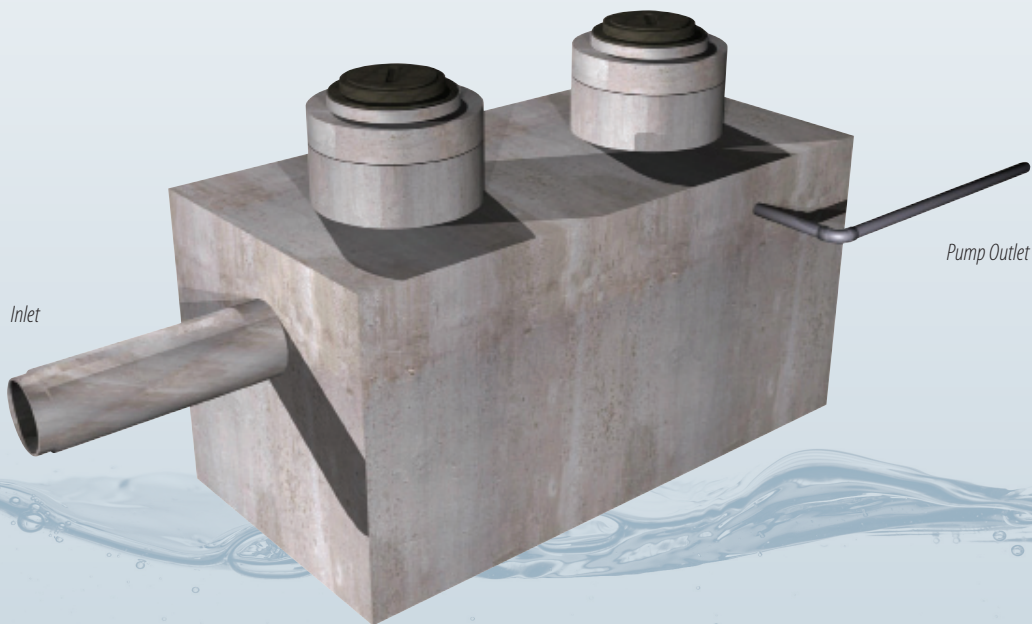


Cisterns

Storm Capture Cisterns provide space-efficient and sustainable long-term storage for harvested rainwater and stormwater.



Structurally efficient precast concrete modules are designed for superior performance. Storm Capture cisterns are available as single modules for small applications, as well as multi-module systems for thousands or hundreds of thousands of gallons of storage.

System Features

- Designed for installation under vehicular traffic (HS-20) such as roads and parking lots
- Maximum storage volume in minimum footprint
- Available in heights from 2' to 14' to best fit site conditions
- Designed to be accessible for maintenance
- Large capacity and easy to install modules provide for rapid installation
- Manufactured locally and can contribute to LEED points
- Construction site friendly
- Backfilled with existing site materials (no imported backfill required)

Specifications

- Constructed of 6000 PSI durable reinforced concrete
- Storage capacity of ~786 GAL/VF per module
- Steel Reinforcement: Rebar, ASTM A-615, Grade 60
- Modules available from 2' to 14' tall

Design Loadings:

- AASHTO HS-20-44 for full truck load plus impact
- Standard design for 6" to 5'-0" earth cover
- Equivalent fluid pressure = 45 PCF
- Lateral live load surcharge = 90 PSF
- Assumed water table below bottom