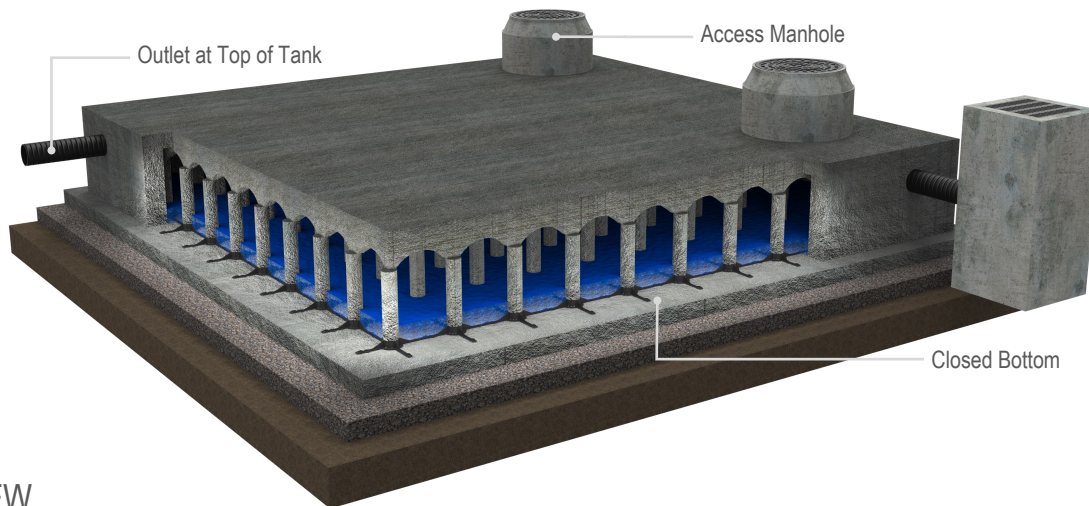


CUPOLEX® CONCRETE FORMING

RETENTION CHAMBER SYSTEMS



OVERVIEW

CUPOLEX® cast-in-place concrete retention structures provide solutions for applications on sites where the goal is to retain rainwater or stormwater for some type of harvesting and reuse applications.

CUPOLEX® retention designs are available as shallow systems or deep systems for small applications, as well for thousands or hundreds of thousands of gallons of water storage. Isolator Rows for TSS removal as high as 60-90% can be incorporated in the design and manholes for easy access and maintenance.

FEATURES

- Can incorporate baffles for quality control benefits
- Can be designed as a watertight system
- Applications for pavements or green space
- Time tested cast-in-place forming technology with millions of sq.ft. of tanks installed
- CUPOLEX® concrete forming manufactured to ISO 9001:2015 high quality standards
- Complete construction documents with stamped and sealed design drawings provided by CUPOLEX® licenced PEs

ADVANTAGES

- High load-bearing concrete designed structures that can exceed HS-20-44 full truck load plus impact
- Custom designed to any layout and depths from 8" (200mm) to 96" (2,500mm)
- Streamlined installation supporting required work loads
- Suitable in minimum or no cover applications
- More cost-effective than plastic, pipe and precast tanks
- Modular, quick and easy installation of formwork
- Maximum storage volume up to 98% void space
- Allows for inlet/outlet pipes and cleanout/observation ports installed at any location
- Saves space and money with no constraints from groundwater

