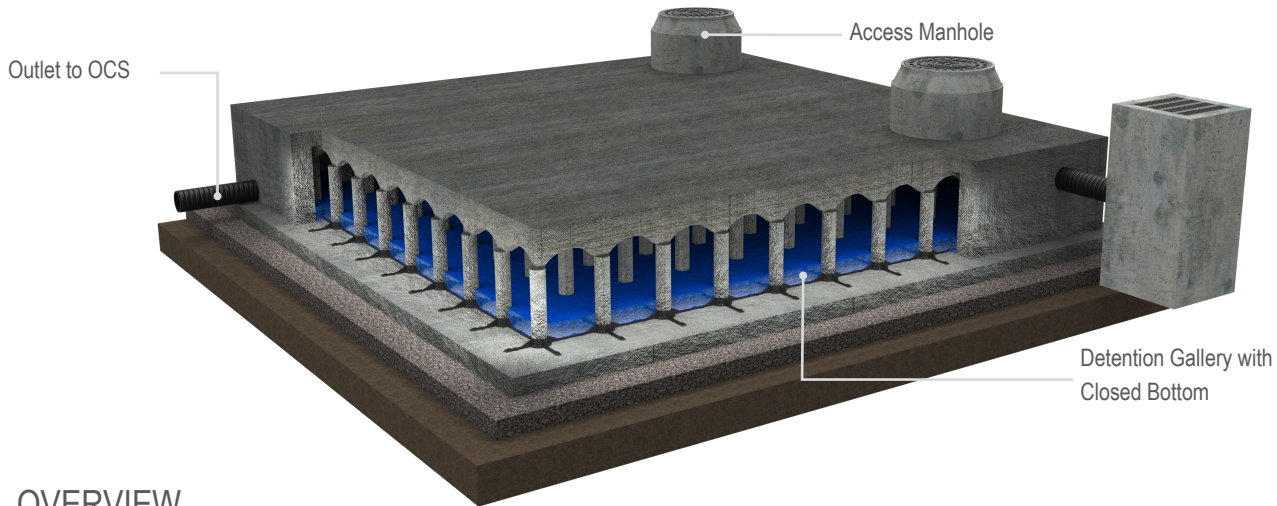


CUPOLEX® CONCRETE FORMING

DETENTION CHAMBER SYSTEMS



OVERVIEW

CUPOLEX® cast-in-place concrete detention structures provide cost-effective solutions for site applications where stormwater needs to be detained and allowed to discharge at a controlled rate.

Our detention structures are designed for superior performance and the structurally efficient cast-in-place concrete design allows for maximization of developable land by allowing detention to be placed efficiently and easily under parking lots and roadways with deep cover or no cover at all, as well as in non-traffic areas.

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

