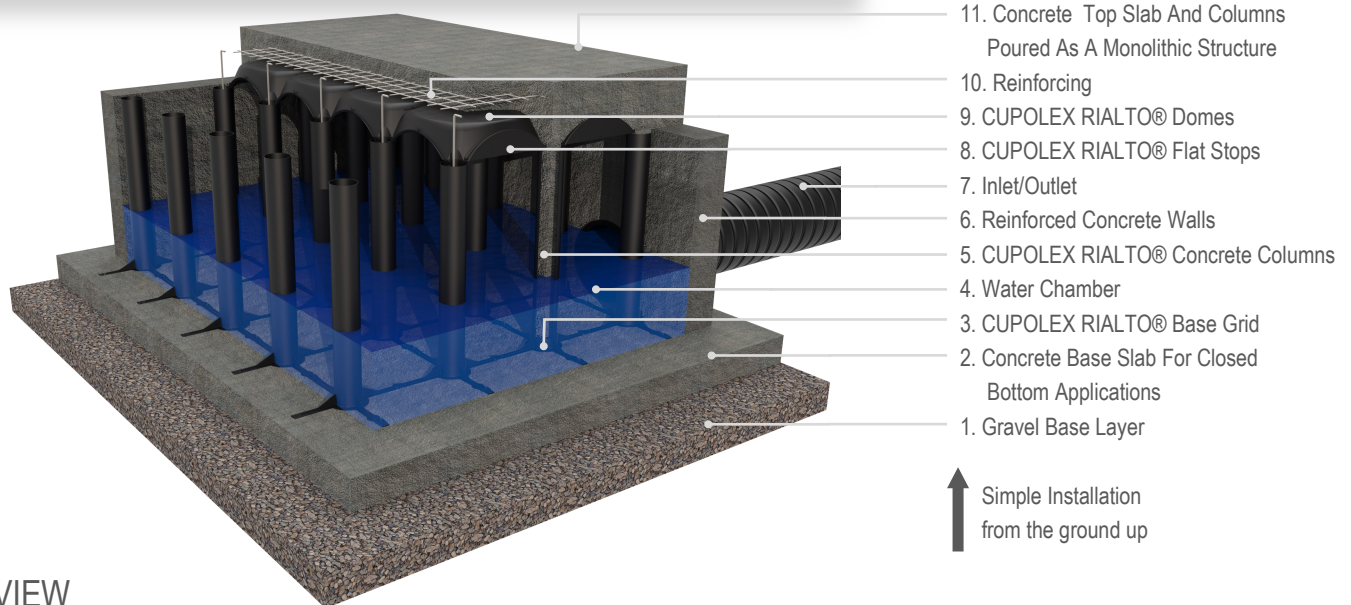


CUPOLEX® CONCRETE FORMING

DEEP CHAMBER SYSTEMS



OVERVIEW

CUPOLEX® Deep Stormwater Structures and Pavements are constructed by assembling the CUPOLEX RIALTO® formwork. The CUPOLEX RIALTO® formwork is supplied to contractors by Cupolex Engineering and shipped directly to the project site or the contractor's yard from Cupolex Engineering's manufacturing facilities.

The CUPOLEX RIALTO® forming system is installed by the contractor to form the concrete cast in place pavement or subsurface concrete chambers as to the design and specifications provided by Cupolex Engineering.

FEATURES

- Can incorporate baffles for quality control benefits
- Can be filled with treatment media e.g. sand
- 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 28" (700mm) 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

APPLICATIONS

- Detention
- Retention
- Infiltration
- Harvesting
- Permeable
- Cisterns
- Treatment

