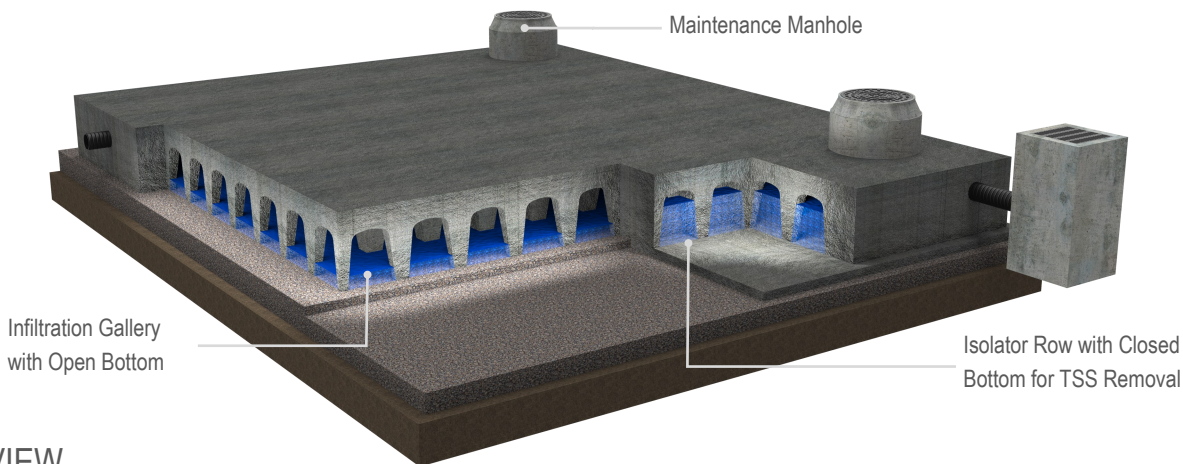


CUPOLEX® CONCRETE FORMING

INFILTRATION CHAMBER SYSTEMS



OVERVIEW

CUPOLEX® cast-in-place concrete infiltration structures eliminate the issue created with discharging stormwater off site. CUPOLEX® infiltration structures are designed with open bottoms in order to infiltrate the captured stormwater into the soil for natural treatment and to replenish local aquifers. It is a growing trend called Low-Impact-Development (LID) that involves managing stormwater at the source.

CUPOLEX® structures allow maximization of developable land by allowing chambers to be placed efficiently and easily under parking lots and roadways with very little or no cover, as well as in non-traffic areas. 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
- 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

