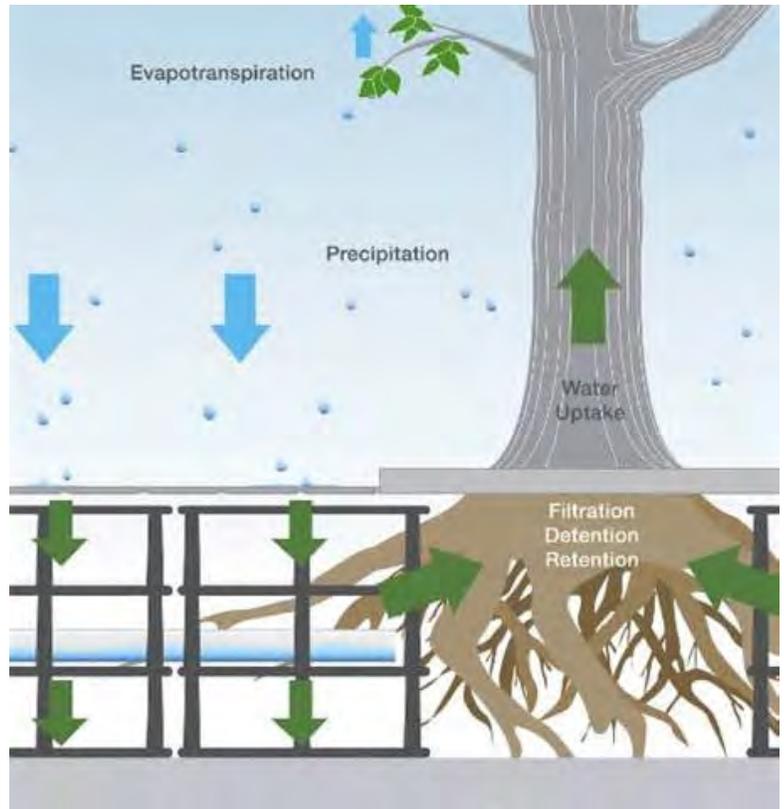


UNDERGROUND BEST MANAGEMENT PRACTICES (BMPs)

Underground BMPs in Lincoln



Silva Cells on Centennial Mall



Typical Cross Section

Description:

Underground stormwater BMPs include proprietary and non-proprietary devices installed below ground that provide stormwater quality treatment through sedimentation, screening, filtration, hydrodynamic separation, and other physical and chemical processes. Some of these devices require periodic cleaning while others perform with little or no maintenance for several years. These types of BMP are most utilized in areas of new urban development or significant redevelopment where land is unavailable for off-site retention or detention.

Benefits:

- Underground BMPs may be designed to provide pre-treatment and/or water quality control in space constrained situations
- There are many alternative configurations for proprietary and non-proprietary devices
- Some underground BMPs, can be designed specifically for targeted pollutants
- Many underground devices can be effective for settling of particulates in stormwater runoff and gross solids removal
- Underground BMPs can be combined with rain harvesting for reuse of stormwater

More Information:

Links:

<http://lincoln.ne.gov/city/pworks/watrshed/educate/bmpguide/pdf/3.16.pdf>