

BIORETENTION (Rain Gardens)

Rain Gardens in Lincoln



Public Works 901 Building



Residential Location



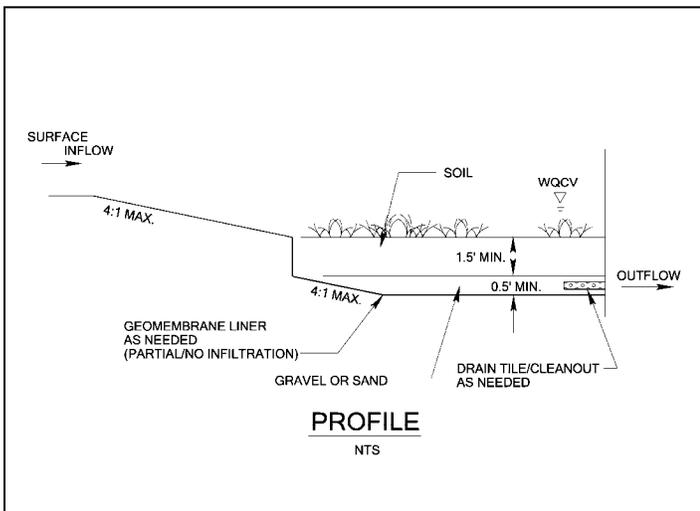
Prescott School

Description:

Bioretention is an engineered, depressed landscaped area that is designed to capture and filter out and/or infiltrate stormwater. Bioretention Best Management Practices (BMPs) may also be called rain gardens, biocells, planter boxes or bioswales. Bioretention uses deep rooting perennial vegetation native to this area and sometimes engineered soils to create a natural filtration system for treating and removing many pollutants found in stormwater. Bioretention BMPs function best when the soils are suitable for infiltrating ground water. Bioretention BMPs need to be placed away from building foundations where basements are utilized. A liner may be added to the bottom of the BMP to address unwanted water near foundation or in areas that don't infiltrate well.

Benefits:

- Utilizes multiple natural processes to remove pollutants
- Provides aesthetic amenities
- Reduces land that requires irrigation
- Reduces mosquito populations



Pioneers Park Nature Center

More Information:

Links:

<http://lincoln.ne.gov/city/pworks/watrshed/educate/bmpguide/pdf/3.2.pdf>