

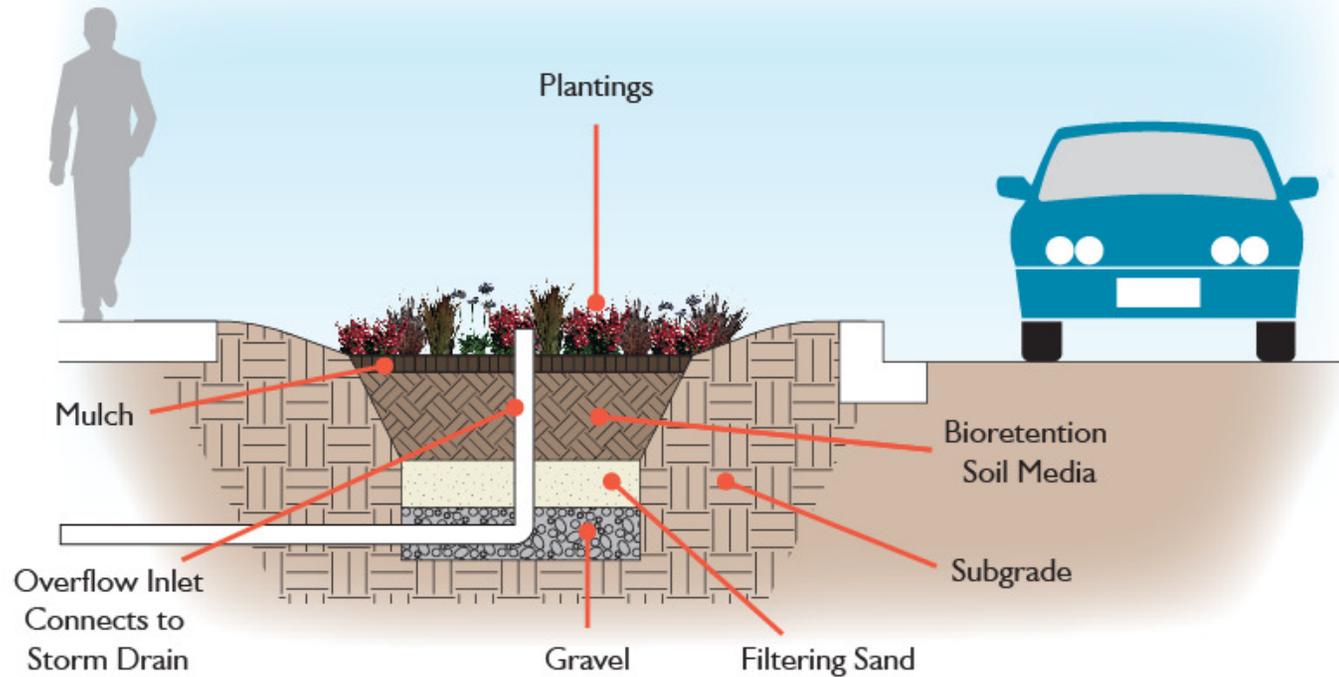
Types of LID Retrofits

- Bioretention
- Rain Garden
- Filterra[®] Tree Box Filter
- Pervious/Permeable Sidewalks
- Pavement Removal



Photo: MES Parking Lot

Bioretention



- Landscaping and Bioretention media filter remaining pollutants
- Plants provide nutrient uptake to improve water quality
- Underdrain collects “filtered” water and discharges to a stable outfall

Bioretention Examples

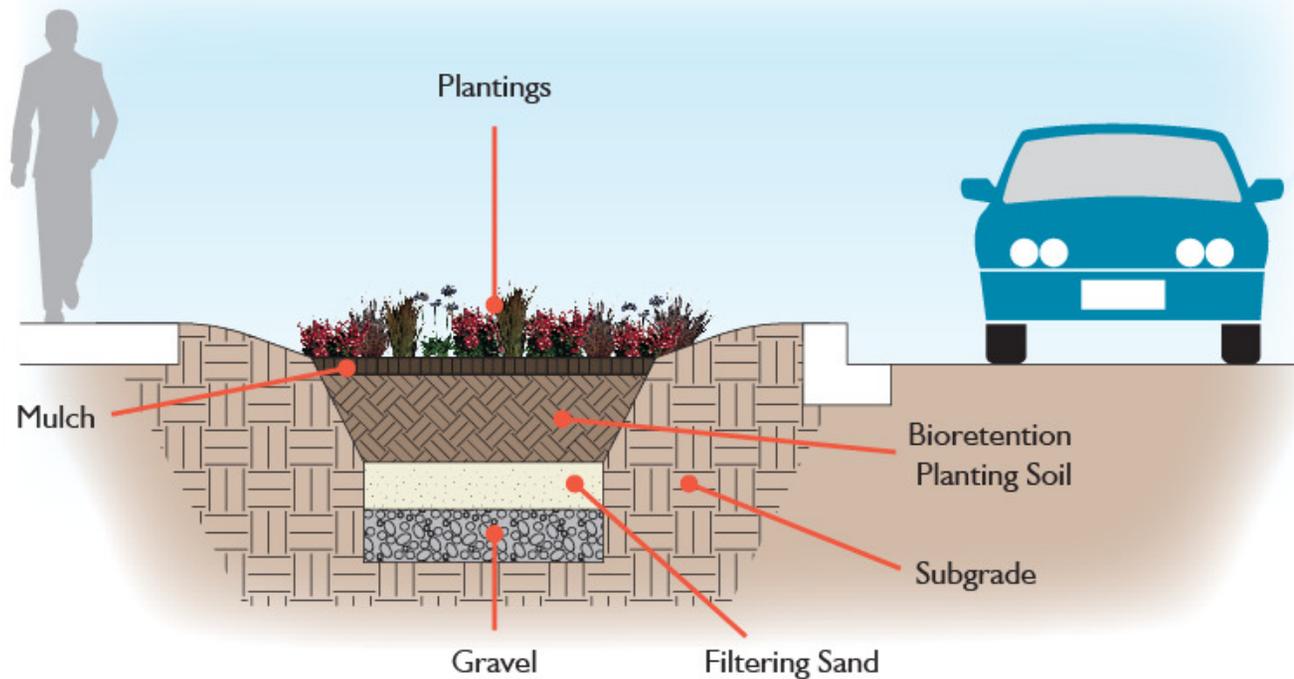


Photo: Cedar Lane Design Build, Howard County, MD



Photo Credit: LID Center, Oregon

Rain Garden

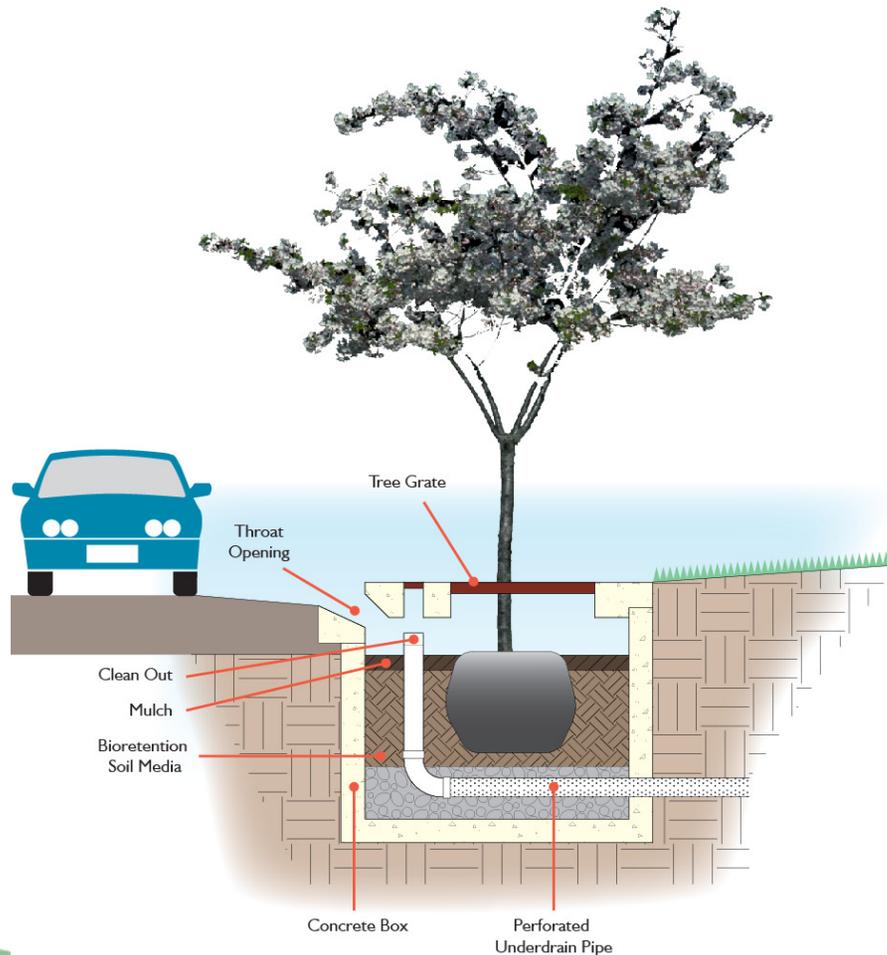


- Similar to Bioretention EXCEPT there is no underdrain
- The existing soils have adequate infiltration rates to support groundwater recharge

Rain Garden Examples



Filterra[®] Tree Box Filter

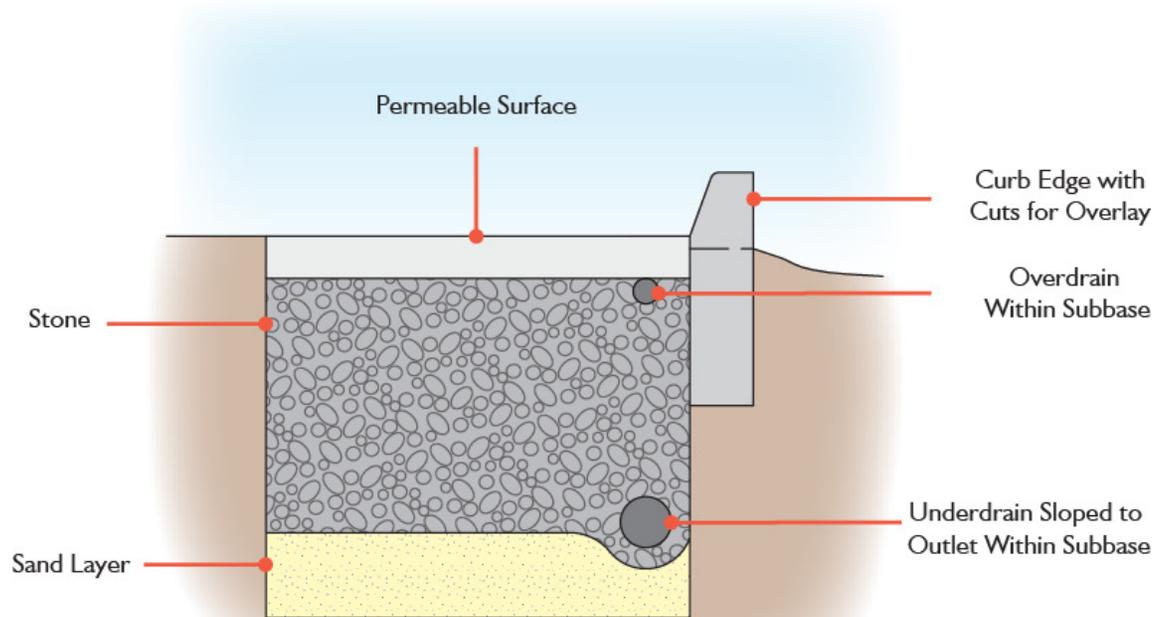


- Similar to Bioretention but contained within a concrete structure
- Filterra[®] provides high removal efficiencies of pollutants within a small footprint

Filterra® Examples



Pervious/Permeable Sidewalks



- Significantly reduces the amount of impervious cover
- Provides water quality and groundwater recharge benefits
- Helps mitigate temperature increases

Pervious Sidewalk



Forest Estates Neighborhood



Inwood Avenue, Julep Avenue & Folk Street



Woodman Avenue, Folk Street & Julep Court



Woodman Avenue & Imperial Drive

