

Use of Tree Trenches

In the Hoyer Heights Residential Reconstruction Project

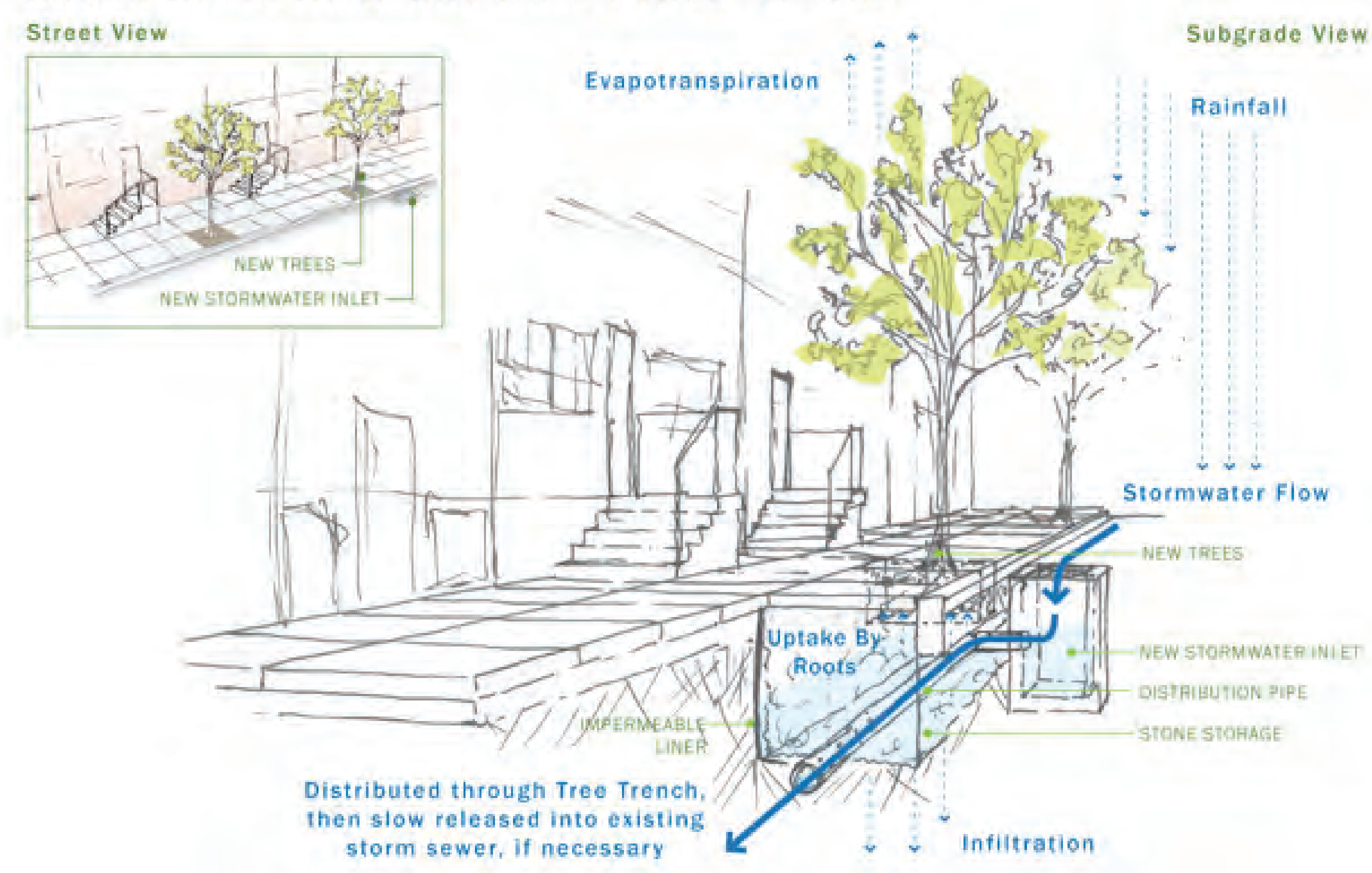
Trees are important to the retention and detention of stormwater runoff—in addition to contributing to cleaner air, reduction of heat island effects, carbon sequestration, reduced noise pollution, and shade.

About Tree Trenches

Tree trenches are urban tree and soil systems. These systems aim to improve water quality and the flow of stormwater.

Tree trenches achieve these benefits by increasing stormwater infiltration, filtration, interception, evaporation, and uptake of pollutants by trees and associated microbes.

GREEN STREETS: STORMWATER TREE TRENCH



Hoyer Heights Residential Reconstruction

Tree trenches are planned for three streets in Hoyer Heights. This could have a variety of benefits for the neighborhood, including the increased absorption of water to remedy some of the surface flooding.

The soil in Hoyer Heights is high in clay, which has poor infiltration, tree trenches can filter the stormwater to treat it.



Tree trenches can provide many benefits to the area around them. These examples are tree trenches in Minnesota (left) and Washington D.C. (right).