Hoboken City Hall Watershed Landscape
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Hoboken City Hall Watershed Landscape
Existing Conditions

Average Rainfall in Hoboken a Month: 4.3 inches
Average Runoff from City Hall a Month: 28,196 gallons

Data Source: Years Used 2000-2013
From the web page of the New Jersey State Climatologist
Hoboken City Hall Watershed Landscape Concept Plan

Expand community gardens for residents of Hoboken

Collect rainwater from the back half of City Hall to manage new gardens

Define a location for Anne Frank Memorial Tree

Data Source: Years Used 2000-2013
From the web page of the New Jersey State Climatologist

Percent of Rainfall kept from entering CSO's 47%

Potential Rainfall collection per Month 13,122 gallons
Cistern Dimensions
Size: 12’ x 16’
Capacity: 13,517 gallons

Existing down spout flow

Proposed down spout flow
Reducing Runoff from City Hall into the Combined Sewer System

Use Plants to Absorb Rainwater
Increases Infiltration
Reduce Total Runoff

**Biotrention swales:**
- Reduces stormwater runoff volume and flow rate
- Increases groundwater infiltration and recharge
- Designed to convey minor floods
- Removes sediment from stormwater runoff
- Increases pedestrian city experience

Existing downspouts enter directly into the combined sewer system

Proposed downspouts and bio-swales slow runoff from entering the combined sewer system.