

Flow through Planters

Description

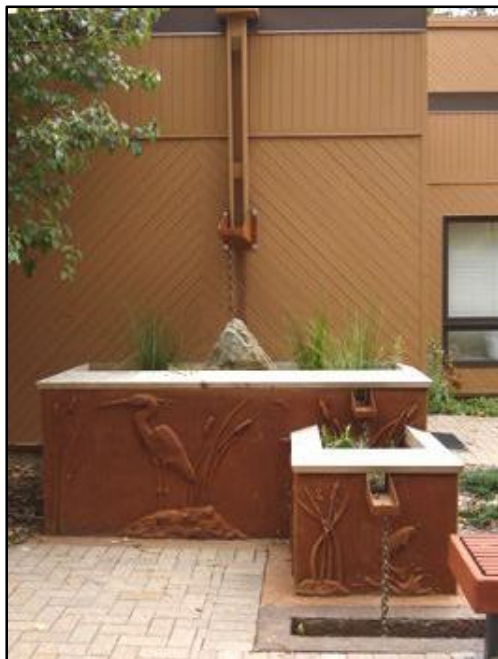
Flow through planters are structures placed above ground with impervious bottoms that are filled with soil and vegetation which allow stormwater to infiltrate through the soil before being discharged. The bottom of a planter contains a porous pipe that drains the stormwater after it has filtered through the soil and vegetation. Planters are typically installed next to buildings or common open areas to treat stormwater from rooftops.

Advantages

- Removes pollutants from stormwater runoff
- Can be used where space is limited
- Adds to a building's landscape features
- Creates a habitat for birds, amphibians, dragonflies, butterflies, and bees

Limitations

- May not capture stormwater for reuse
- Discharge and overflow impacts to adjacent buildings from Planters need to be considered in the design
- Planters need specific plant sections in order to minimize the rate of drainage and to maximize stormwater treatment



Typical Flow through Planter

Photo Credit: www.rwmwd.org

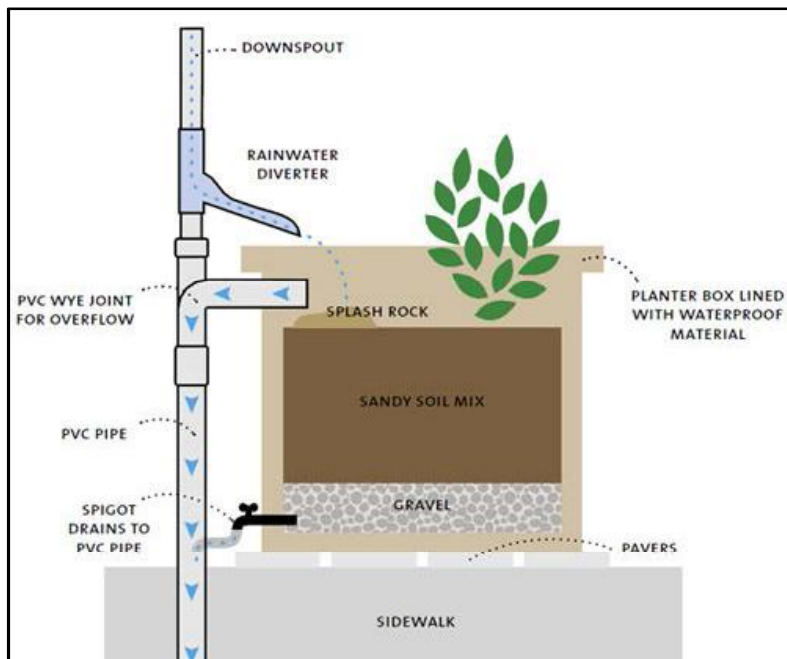


Illustration of Typical Flow through Planter

Photo Credit: www.grownyc.org