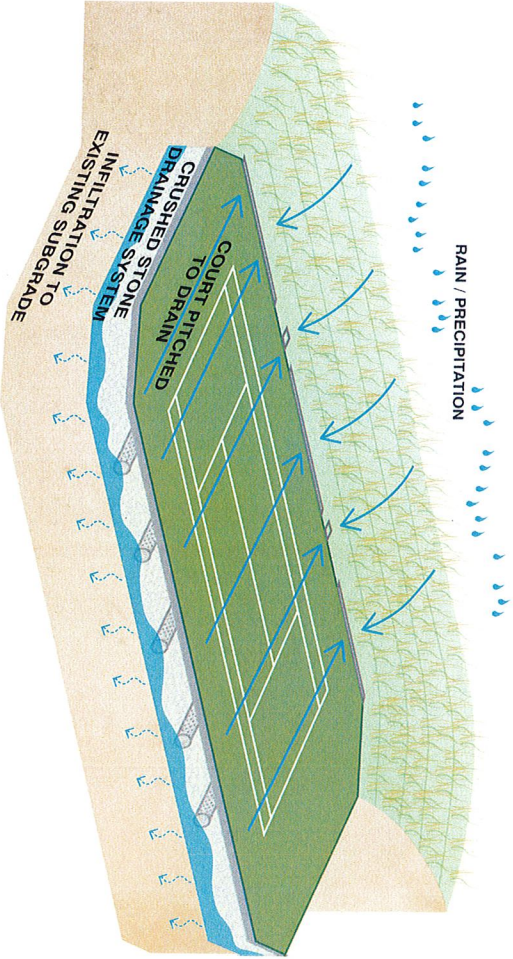


# 3-Stage Stormwater Management System

1

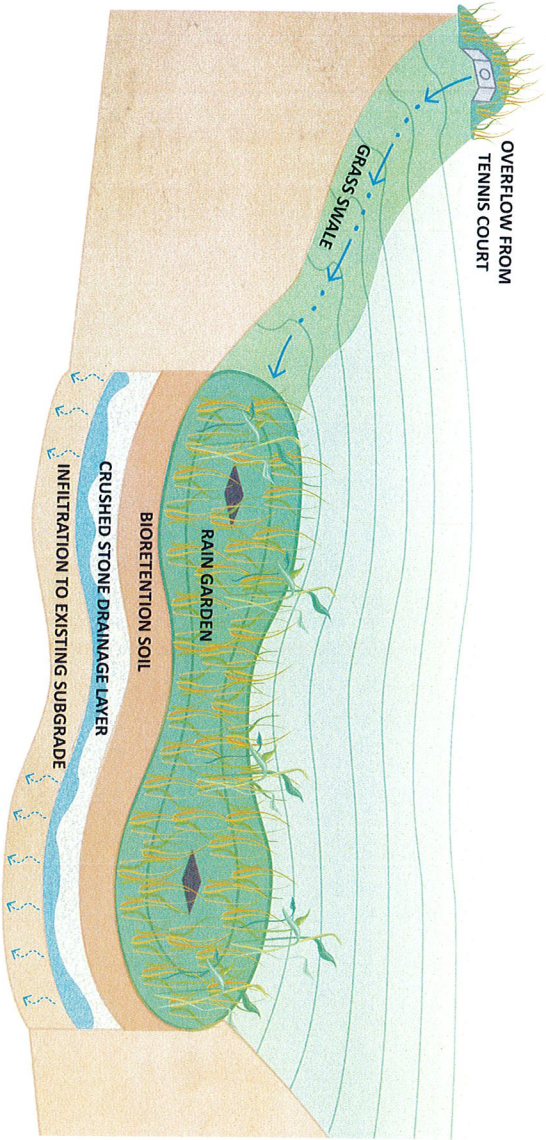
Tennis Court Stormwater  
Storage & Infiltration System



- Stormwater from upper site and tennis court is collected, stored & slowly infiltrated below the court through a specially designed system of perforated pipes and stone.
- Court drainage system can accept, store, and infiltrate approx. 3,000 cf, or more than 22,000 gallons of runoff, which is equivalent to approx. 5 inches of rainwater collected from the tennis court alone.

2

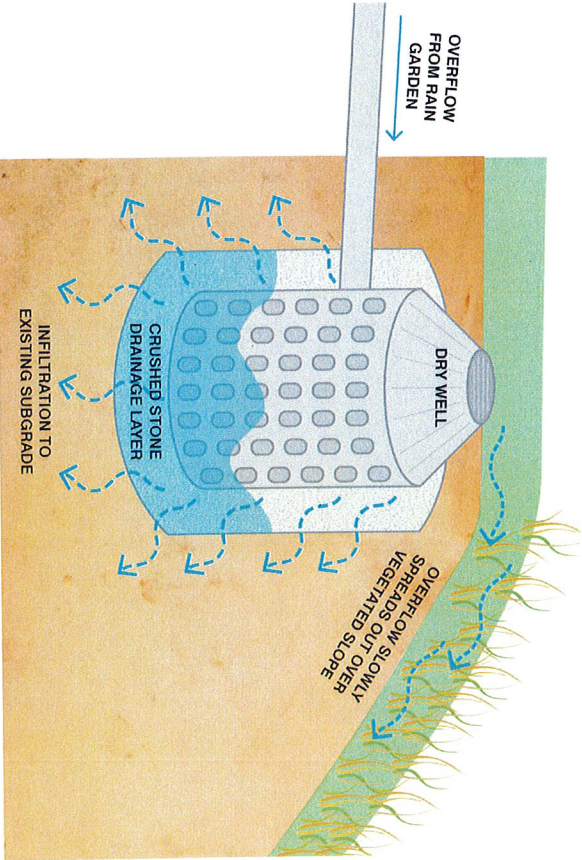
Rain Garden



- In an extreme event, excess rainwater overflows from under the tennis court and daylights to a grass swale, flowing over land into a **RAIN GARDEN**.
- The **RAIN GARDEN** provides additional storage capacity and filters and cleanses stormwater with vegetation and soil media.

3

Dry Well



- Overflow from the rain garden is conveyed to the dry well.
- The dry well infiltrates the stormwater into the ground.
- Any stormwater that does not infiltrate is slowly released and dissipated over the vegetated hillside.

## This System will:

- Reduce the existing volume of runoff from this drainage area by:  
**80% in a 2-year Storm and 30% in a 100-year Storm**
- Thoroughly filter and cleanse the stormwater
- Dramatically improve the stormwater management on this property