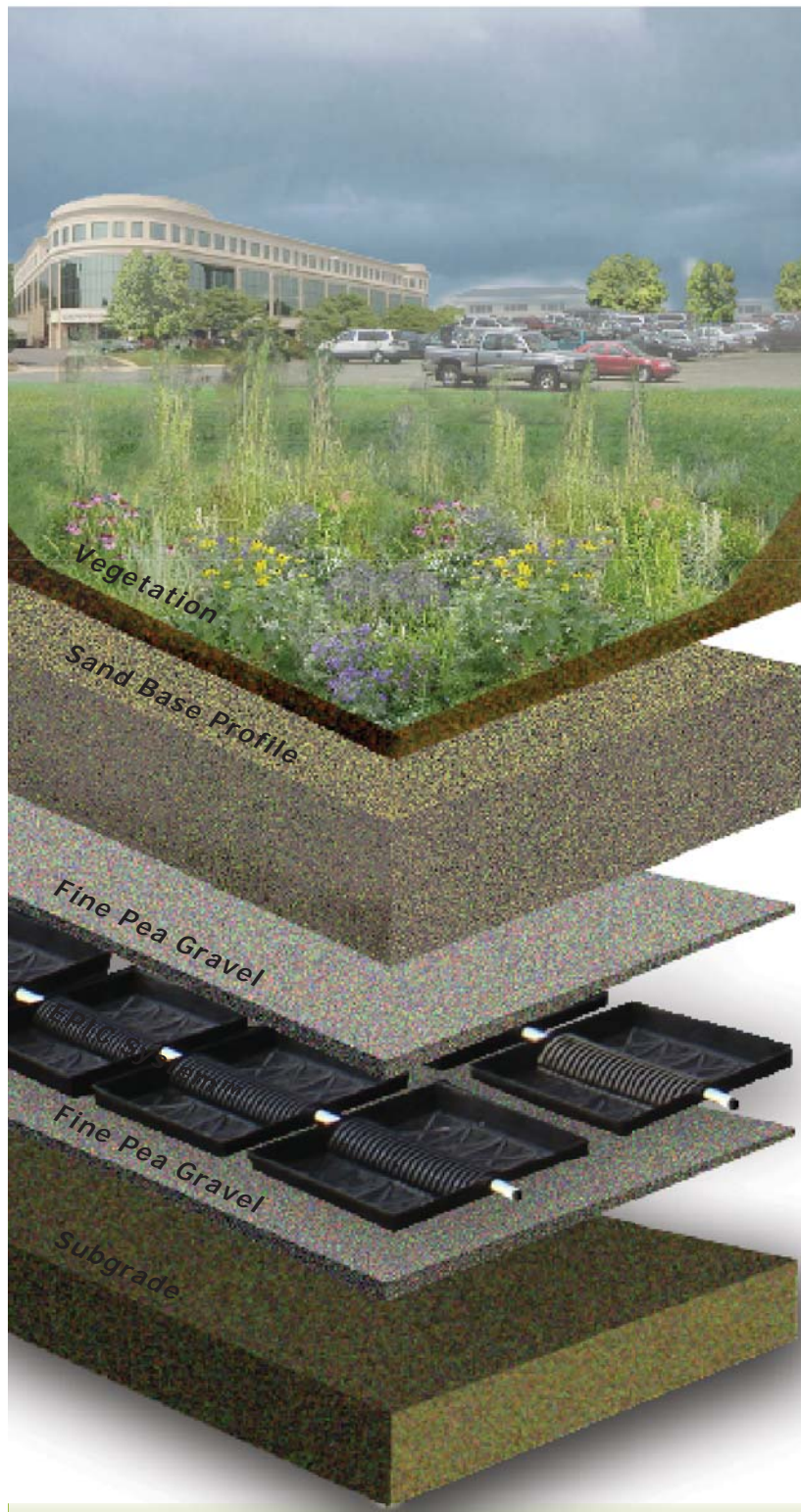


Rain gardens and infiltration basins can have many environmental and aesthetic benefits. Utilization of perennial plants to increase water infiltration in depressed areas has had marginal success. Many designs fail due to improper soil, lack of drainage and minimal vegetative success rates. These common challenges associated with rain gardens and infiltration basins can be resolved with our patented RESI systems.

Utilization of EPIC Systems™ increases the capacity to treat high volumes of stormwater runoff, infiltrate into the groundwater table, reuse water within a living profile, provide infrastructure for irrigation and increase plant health and viability. RESI-designed rain gardens and infiltration basins installed with sand-based soil profile, EPIC System™ and selected regional perennial plants will function with minimal maintenance as a long-term sustainable water management solution.



## **SYSTEM PROFILE**

- Perennial Vegetation
- 14" Sand Base Rootzone Profile
- 2" Fine Pea Gravel
- EPIC™ Chambers/Pans
- 2" Fine Pea Gravel
- Inflow/Outflow Control Box

Above:  
**EPIC System™ Infiltration Basin Profile**

## EPIC SYSTEM™ BENEFITS

- Drainage and Infiltration Capability
- Exceeds Quality Requirements
- Eliminate Profile Clogging
- Recycle/Reuse - Runoff/Grey Water
- Clean, Cool and Control Runoff
- Increased Plant Quality/Success
- Enhanced Aesthetics

Above: 2" Gravel Blanket

Below: EPIC System™ Spaced for Infiltration



Below: Sand Base Rootzone Installation



Above: Planted Infiltration Basin

Below: Outflow/Inflow Control Box



**RESI** **REHBEIN**  
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**SOLUTIONS, INC**

[www.RESISOLUTIONS.com](http://www.RESISOLUTIONS.com)

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