

Easy-To-Do Green Infrastructure Home Projects

(Minimize flooding, control run-off, and improve water quality)

Rain Gardens are permeable, vegetated areas designed to collect and retain runoff from impervious surfaces.

Costs and Benefits: \$5-15/sq ft. Easy to implement, versatile, natural filter storm water, native plants improve ecosystem health.

How to Implement: Select location, test soil infiltration, select size of rain garden, excavate garden base, plant and maintain vegetation.



Rain Barrels are above-ground storage structures that collect rainwater directly from the downspout. The water can be used for irrigation or other applications.

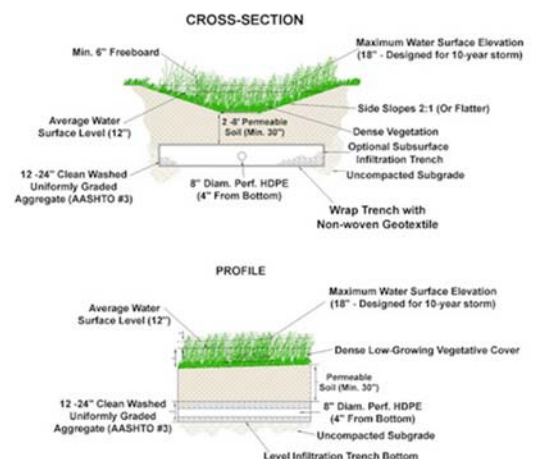
Costs and Benefits: \$25-300/barrel. Simple and effective with minimal installation effort.

How to Implement: Select rain barrel, direct downspout, collect water and use for irrigation.

Conveyance Swales are shallow, permeable, vegetated channels that guide runoff to the storm water collection system. The channels are planted with grasses, shrubs and trees to absorb retained runoff.

Costs and Benefits: \$5-20/linear ft. Easy to implement, adaptable to natural topography, and effective beyond suburban applications.

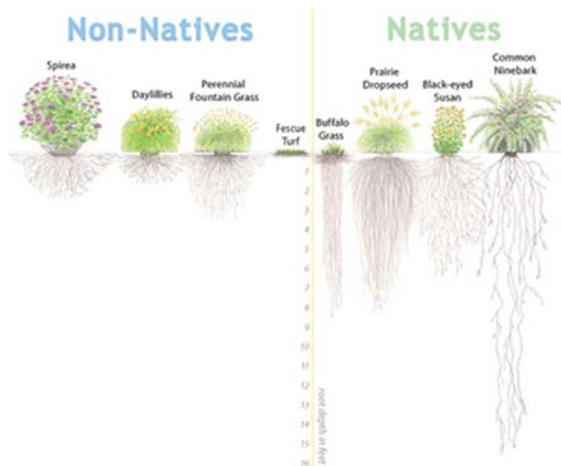
How to Implement: Select swale location, determine size, excavate base, plant vegetation and secure swale to prevent erosion.



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Native Landscaping is the use of plants that are indigenous to the area. These plants are well adapted to local growing conditions, so they require less maintenance and improve the health of the ecosystem.



Costs and Benefits: \$5-10/sq ft. More effective at runoff capture than conventional landscapes, less resource intensive and improves ecosystem and soil health.

How to Implement: Select area for landscaping, select native plants, plant and maintain vegetation.

Planter boxes are enclosed structures with vegetation designed to capture storm water within the structure.

Costs and Benefits: \$8-15/sq ft. Easy to maintain, wide applicability, and contribute to lot aesthetic.

How to Implement: Select location (ideally near downspouts), select size, construct structure, plant and maintain vegetation.

