

#### 4.2.3 Rain Gardens:

##### Retention type: Rain gardens

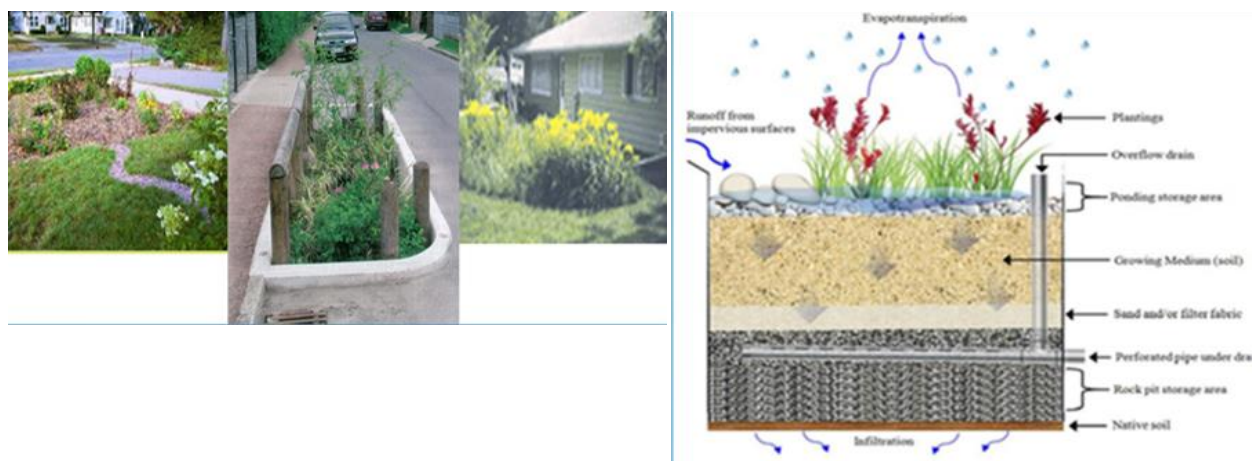


Figure 25. Rain gardens (source: RBMP, Urban rainwater management guide, 2015)

##### R/03 – OGRÓD DESZCZOWY

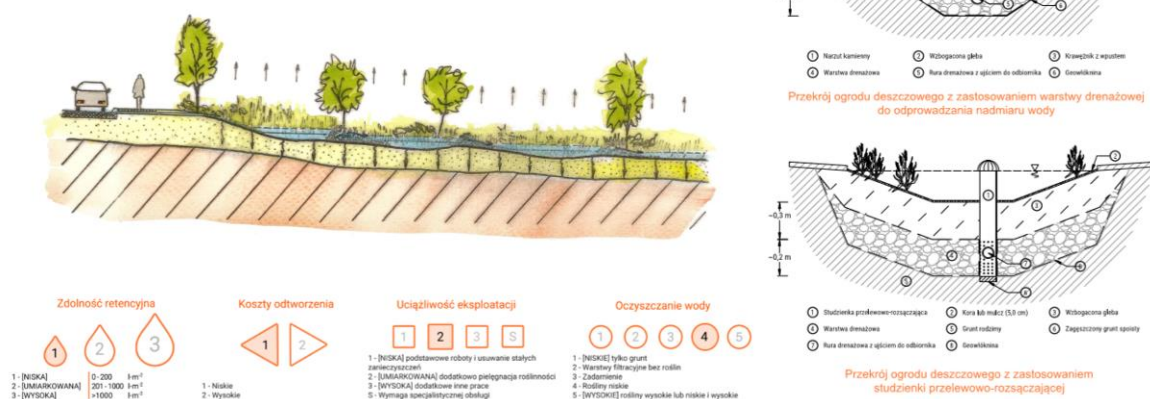


Figure: 26. Rain gardens (source: Lejcuś K. at all "Katalog dobrych praktyk zasady zrównoważonego gospodarowania wodami opadowymi pochodzącymi z nawierzchni pasów drogowych. Wrocław 2017")

Land use	Urban/Semi urban		
Catchment area	0-0,1 km <sup>2</sup>		
Dimensions	On top of buildings, along pavements maximum 0,5 m deep		
Location	Anywhere at urban/rural catchments, where the terrain/building is suitable		
Target group	Municipalities, Private property owners		
Effects of measure		Size of effect	Description
	Slow/Store runoff	LOW/MEDIUM	Artificially created pit areas planted with plants, mitigates runoff

	Increase Evapotranspiration	LOW	Facilitates evapotranspiration.
	Increase Infiltration	LOW	Facilitates infiltration.
	Increase soil water retention	LOW	
	Reduce pollutant sources	LOW	
	Reduce erosion	NO	
	Achieve Good Surface Water Status	NO	
Maintenance requirements	Cutting trees and bushes planted in the areas.		