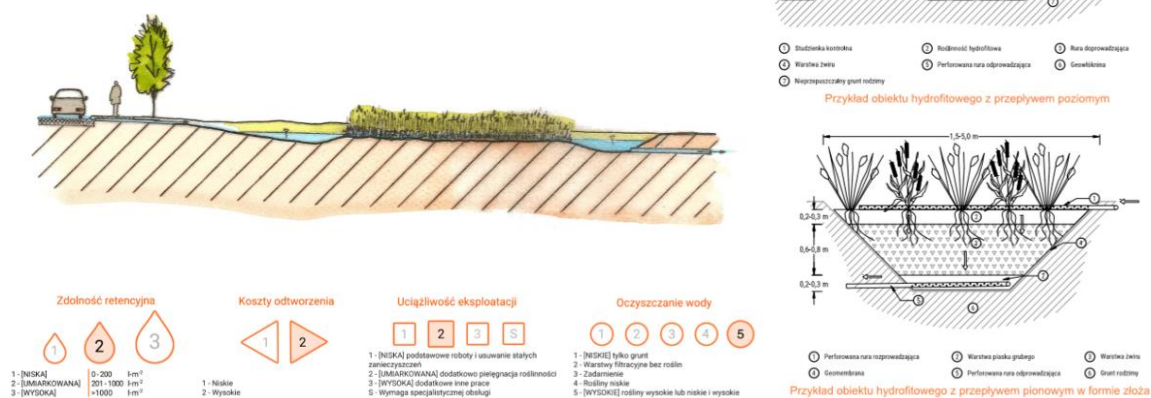


4.2.8 Wetlands:

Retention type: Wetlands

R/08 – OBIEKT HYDROFITOWY



R/08 – OBIEKT HYDROFITOWY

Figure: 33. Wetlands (source: Lejcuś K. at all "Katalog dobrych praktyk zasady zrównoważonego gospodarowania wodami opadowymi pochodzącymi z nawierzchni pasów drogowych. Wrocław 2017")



Figure 34. Wetlands. (source:

<https://architektura.um.warszawa.pl/sites/default/files/files/04%202017%2001%2019%20Ma%C5%82a%20Retencja%20w%20LP.pdf>)

Land use	Urban/Semi urban/Semi-rural/Rural
Catchment area	0-1,0 km ²
Dimensions	Should be designed for 50-100 years flood
Location	Anywhere at urban/rural catchments, where the terrain and land use is suitable
Target group	Municipalities, Farmers

Effects of measure		Size of effect	Description
	Slow/Store runoff	HIGH	Wetlands are artificial ponds or swamps. They are facilities that regulates runoff and besides they can form cityscape and can be utilized for recreation.
	Increase Evapotranspiration	MEDIUM	
	Increase Infiltration	HIGH	Facilitates infiltration.
	Increase soil water retention	HIGH	
	Reduce pollutant sources	MEDIUM	
	Reduce erosion	LOW	
	Achieve Good Surface Water Status	YES	
Maintenance requirements	Cutting the grass and ensure the volume in the designing area.		