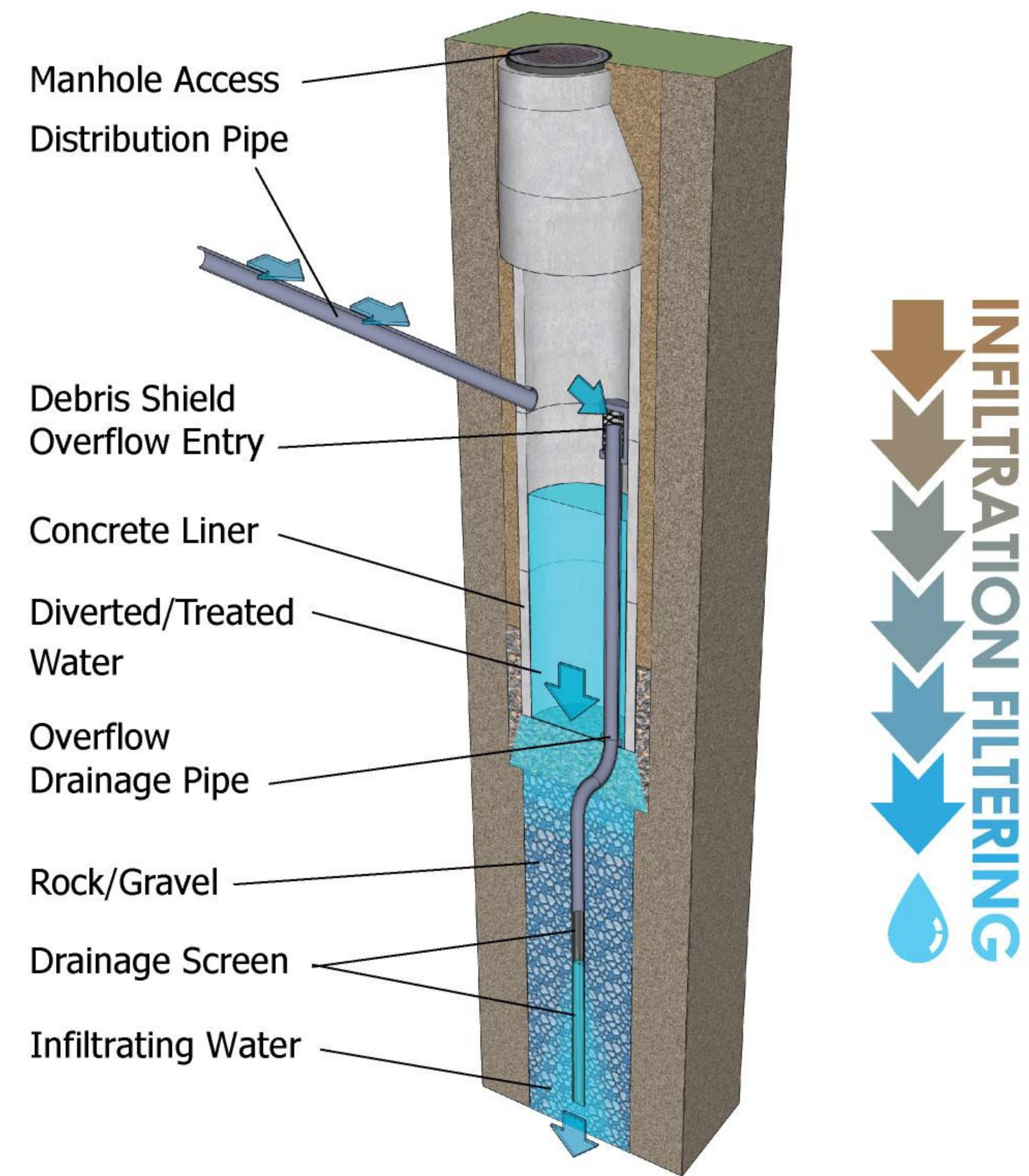


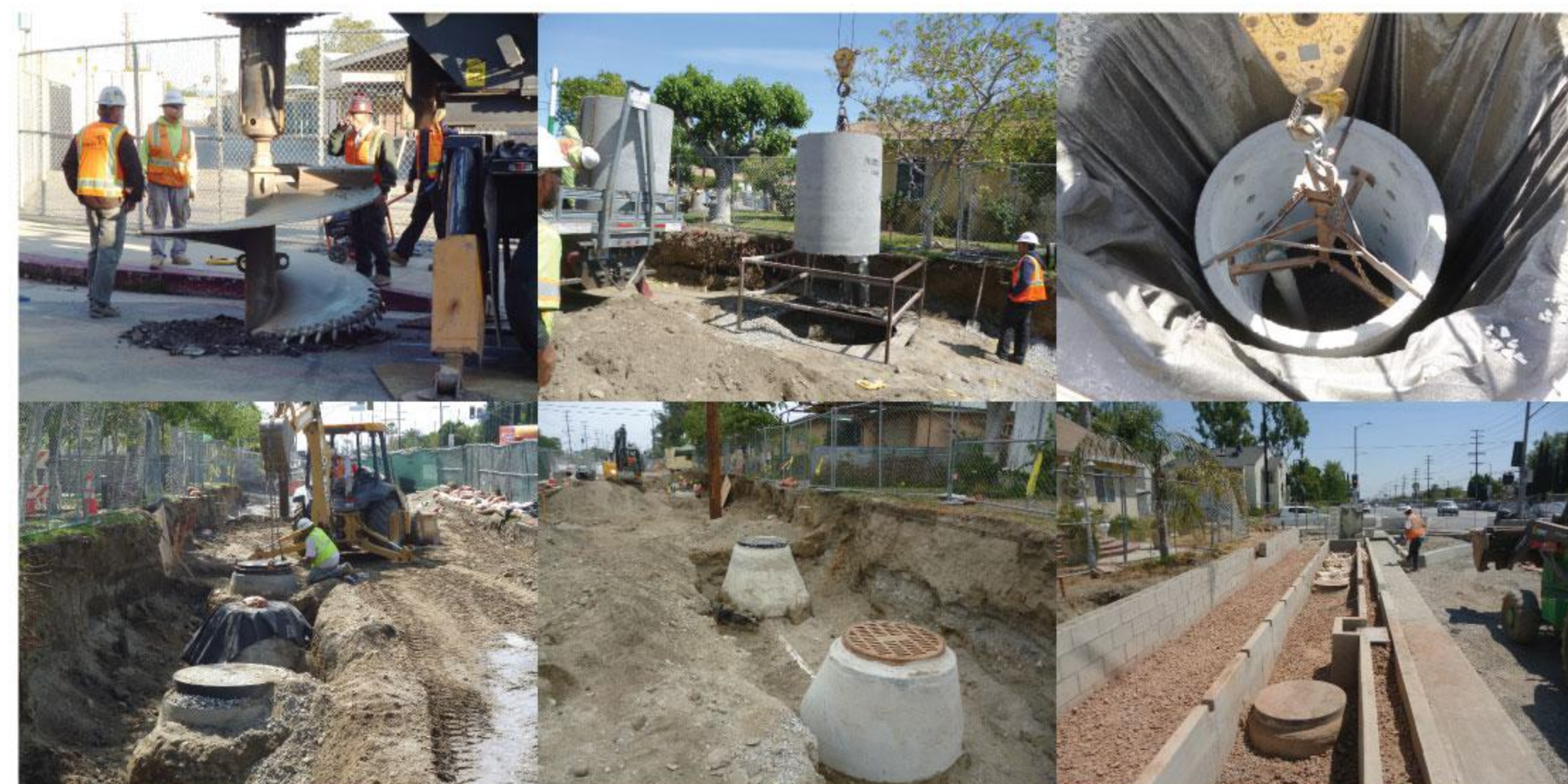
Recharging Southern California's Vital Groundwater Supply



Drywells

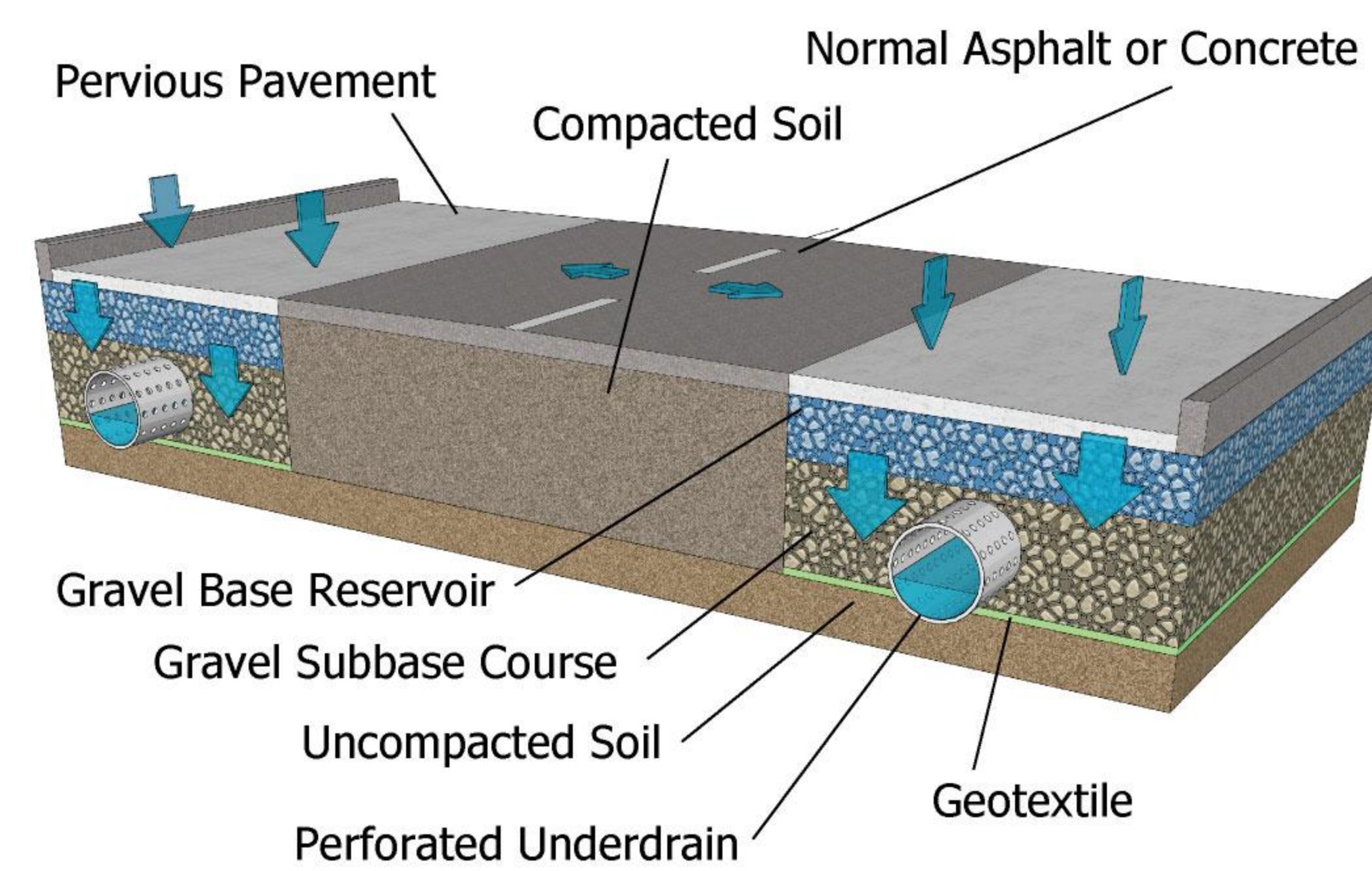


Drywells are designed to facilitate the infiltration of stormwater into the earth's subsurface, aiding in groundwater recharge and reducing surface runoff. The drywells in Culver City reduce pollutant loads. By redirecting stormwater into the ground, drywells aid in reducing sediment transport and urban runoff pollution.

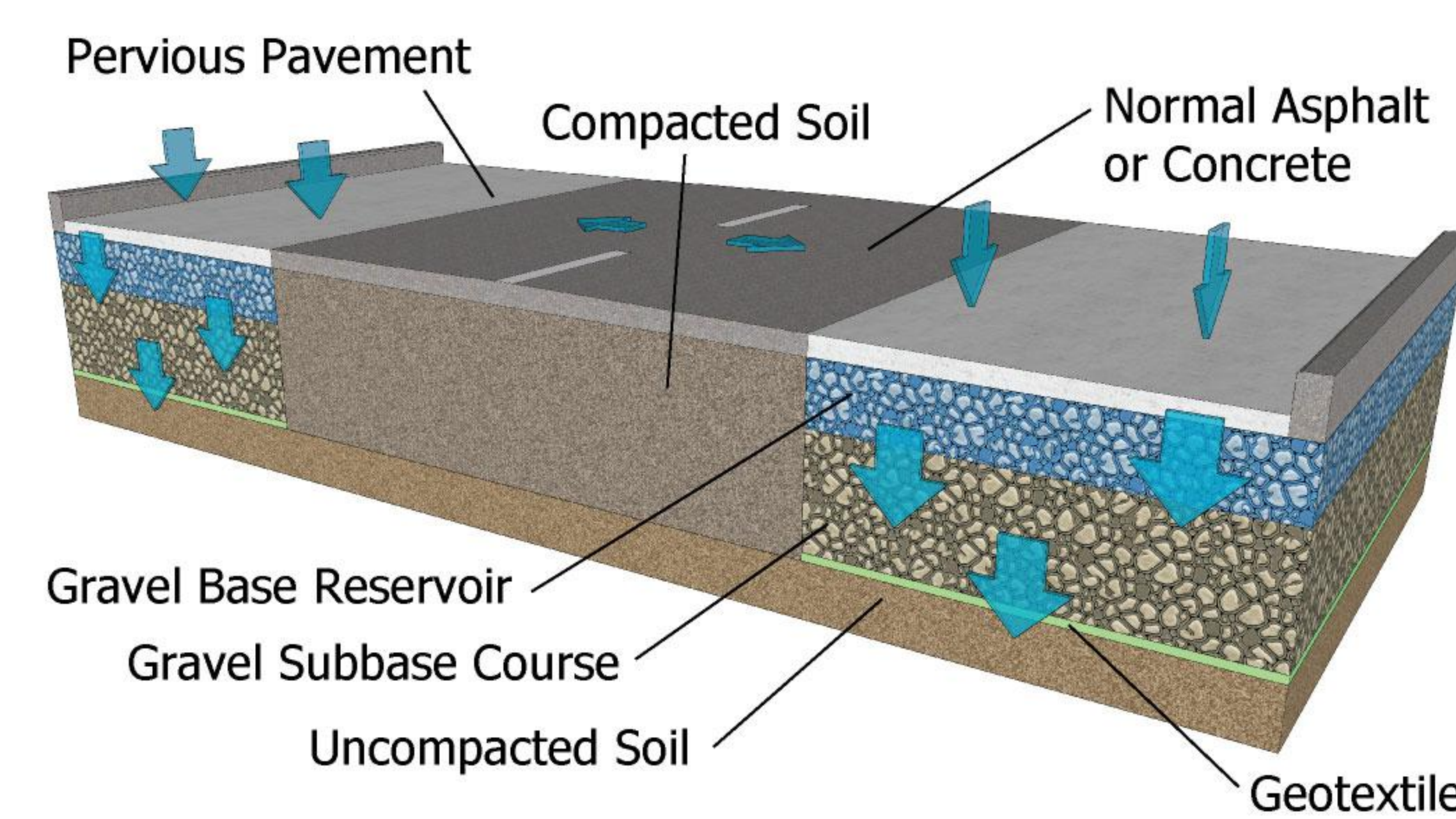


Pervious Pavement

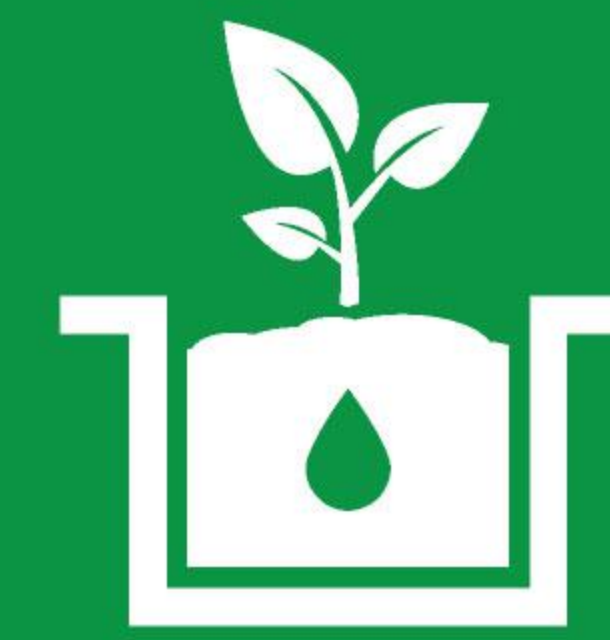
Underdrain System



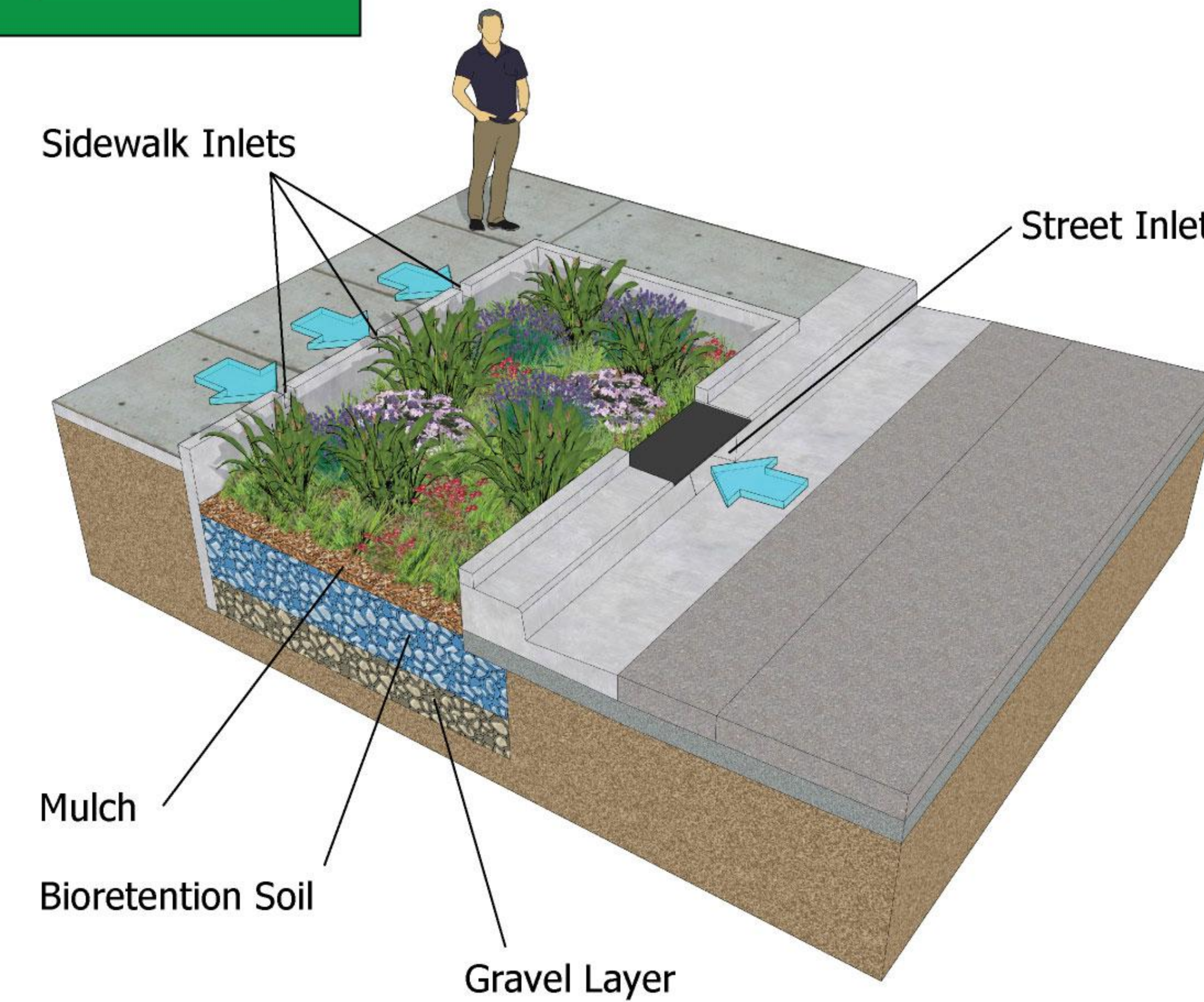
Exclusively Infiltration



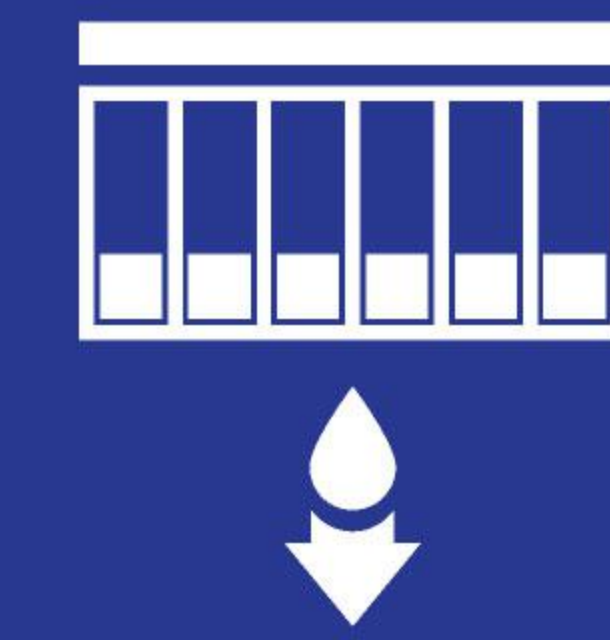
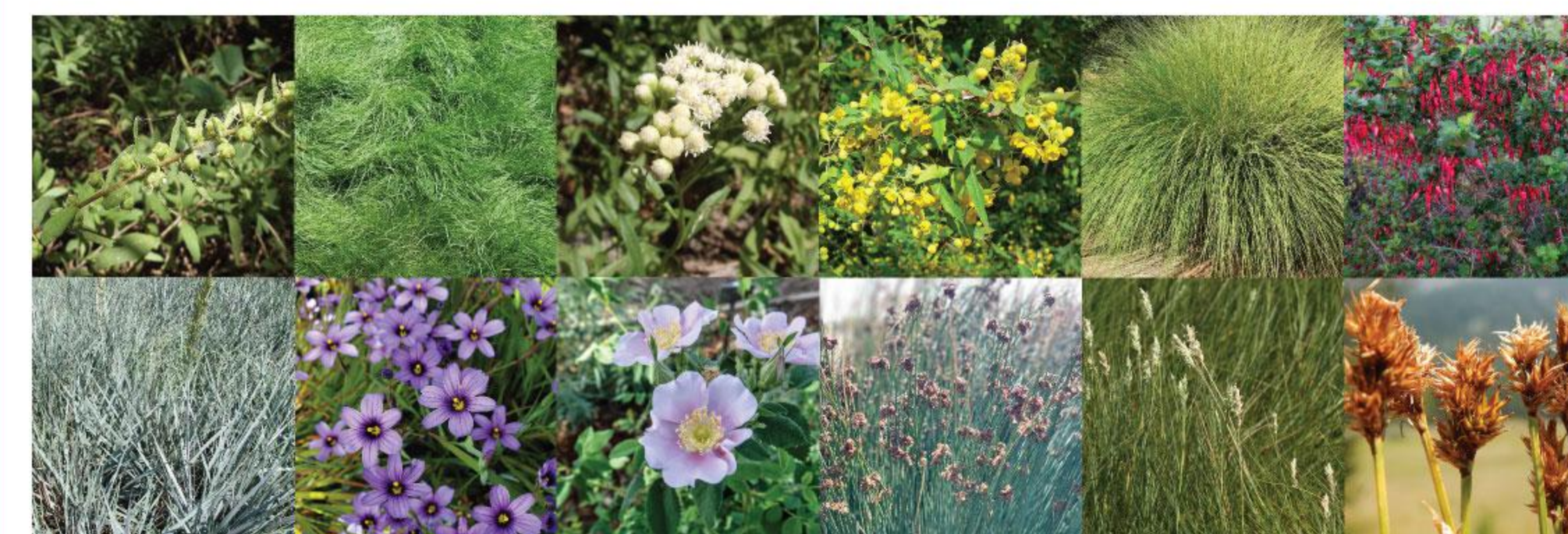
Pervious pavements are engineered to allow rainwater to percolate through the surface, filtering pollutants and recharging groundwater. This innovative system not only supports groundwater augmentation but also minimizes the hazardous effects of surface runoff and flooding. By capturing and filtering stormwater at the source, pervious pavements are instrumental in maintaining the ecological balance, enhancing water quality, and promoting sustainable urban development.



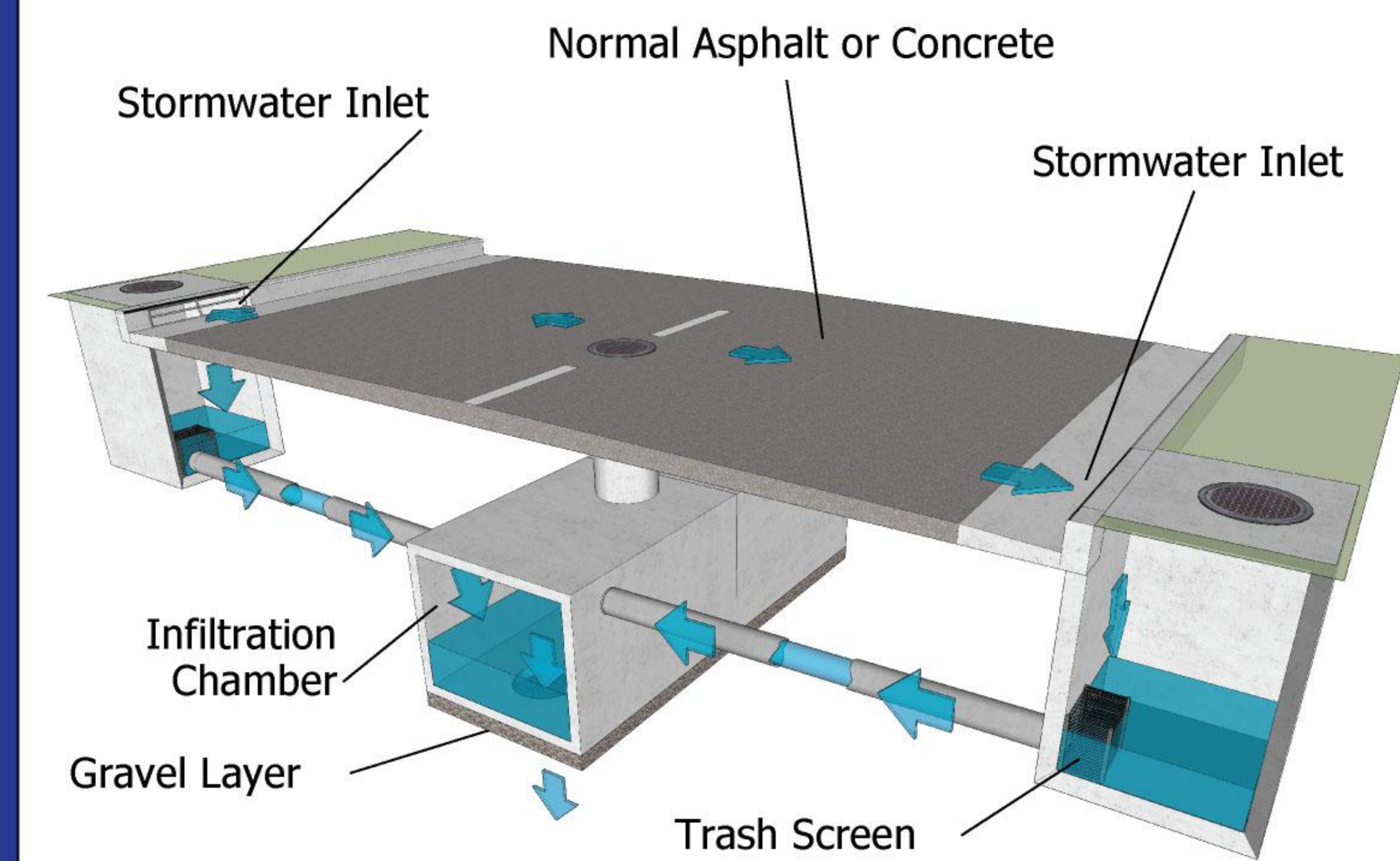
Bioretention



Bioretention systems in Culver City are strategically designed green spaces that utilize the natural properties of soil, plants, and microbes to capture and treat stormwater. These living filters absorb, hold, and biologically process stormwater, transforming it from a potential hazard into a resource. By capturing pollutants and replenishing the groundwater, bioretention not only improves water quality but also enhances urban biodiversity and improves the aesthetic quality of the environment, making the city a greener, more sustainable place to live.



Subsurface Infiltration



Subsurface infiltration systems are specialized structures installed beneath the ground to capture, treat, and infiltrate stormwater runoff. They act as subterranean reservoirs, collecting and slowly releasing filtered water back into the soil, augmenting groundwater levels, and mitigating surface water pollution. Thus, subsurface infiltration systems are pivotal in enhancing water conservation, improving water quality, and promoting ecological resilience in urban landscapes.