



NETWORKED RAIN GARDENS

The rain garden system distributes street and pedestrian stormwater treatment between a series of infiltration planters. By distributing the stormwater function, the system can treat a large volume of water within the constraints of an existing street right-of-way. The street section also accommodates planting within the typical sidewalk planter strip. The system of embedded planters is designed to handle the majority of the street runoff, for the two lane street with parking. The stormwater runoff flows along the existing kerb until it reaches the first cut out from the kerb, the water then proceeds through the kerb channels into the first raingarden which collects to a level of up to 20cm. Once 20cm is reached, water exits through the planters second kerb cut out along the street and into the next planter. Only when all planters exceed capacity will the excess water flow into the stormwater drain system.