

Creating a rain garden in the city by supporting a large sustainable drainage system

Chevron Green Services (CGS) were appointed by Tarmac Kier Joint Venture (TKJV) to plant rain gardens in Central London, the largest sustainable drainage system (SuDS) of its kind in the city.

The Challenge

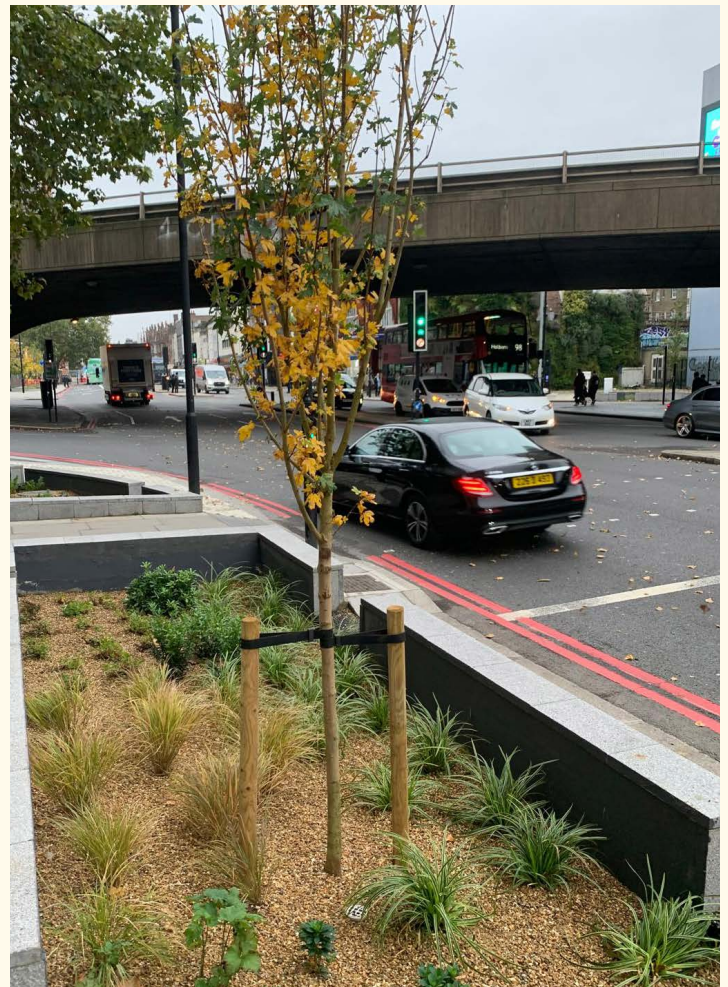
CGS worked with TKJV to undertake the planting project of trees and shrubs to create new rain gardens on the Edgware Road in London. The newly formed gardens, now known as the Marylebone Flyover Rain Gardens are formed of three rectangular areas, positioned on different sides of the remodelled junction under the A40 flyover.

The project had an incredibly tight timeframe with only 5 weeks from tender submission to completion deadline and lead times on the plants from nurseries around 2-3 weeks. The project was also under a lot of media scrutiny, so it was important to get it right.

The Solution

Chevron Green Services worked with TKJV to create new rain gardens, the largest SuDS of its kind in Central London. It will collect and store around 110,000 litres of rain water, helping to improve the surface drainage of the road and adding to London's resilience to climate change and potential flooding.

CGS planted 11 new trees, over 1,100 shrubs and plants and 2,300 bulbs. The plants were selected to tolerate wet and dry conditions. Biodiversity was also a key factor in the plant selection, with plenty of flowering plants added to support pollinating insects including bees, moths and butterflies.



The benefits of SuDS

Sustainable drainage systems are built to recreate natural drainage. They reduce the risk of flooding by draining the water efficiently. A SuDS system helps with water quality management by reducing the amount of polluted water that reaches drains. SuDS also increases the biodiversity of an area.



“I wanted to take a moment to express my appreciation for the excellent work your team has done on the installation of plants and trees at the newly retrofitted Joe Strummer Subway SuDS project. From a project management perspective, I have received nothing but positive feedback regarding the quality of your work, attention to detail, and the professionalism of your crew.

The landscaping has significantly enhanced the space, and it’s clear that your team’s expertise has contributed greatly to the success of the project. I’m confident that the plants and trees will thrive and continue to add to the aesthetic and environmental value of the area.

Thank you once again for your hard work and dedication to this project. I look forward to the opportunity to collaborate on future projects.”

Liam Wilding
Scheme Engineer, TKJV

TKJV
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