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Project Description

The Post Building development completely remodels the former Royal Mail Sorting Office located on New Oxford Street in Central London into modern Grade A offices, with street level retail and restaurant space along with rooftop gardens, terraces, and leisure areas. The project received a prestigious RIBA London Award in 2022 and the main roof terrace is open to the public, providing panoramic views over the city.

The Challenge

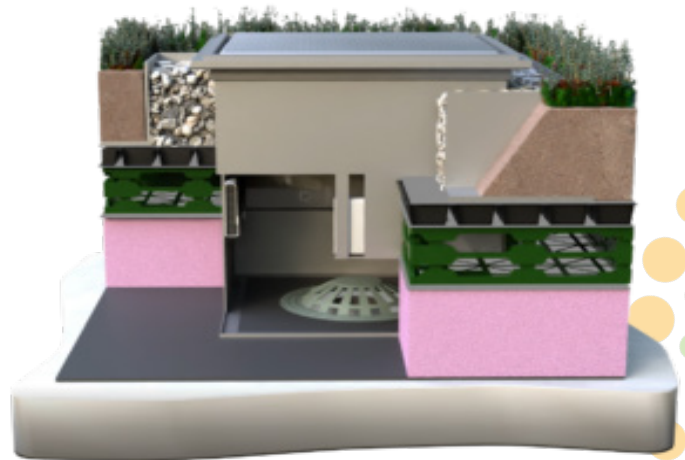
In order to gain planning approval, the development had to be repurposed in line with the 'SuDS manual' best practice guidance to minimise surface water run-off in the event of a storm and in order to meet the maximum discharge consent limits set by Thames Water.

The Solution

Basement SuDS storage is expensive and often impractical to achieve in city centre locations. ABG's bluroof system was therefore chosen as an easy to install alternative to provide stormwater attenuation at roof level. The system is installed across three main roof areas and includes 14 restrictor chambers positioned above rainwater outlets to limit the outflow rate. The system is calculated to control stormwater in the event of a 1 in 100 year storm, based on the local Flood Studies Report (FSR) rainfall data, plus 30% allowance for climatic change.

Project Information

Client	Brockton Everlast & Oxford Properties
Architect	Allford Hall Monaghan Morris
Products	ABG bluroof system
Quantity	1,900m ²
Benefits	<ul style="list-style-type: none">• Flexible attenuation design that accommodates a variety of surface finishes & area uses• Project design calculations and installation service• Carbon saving alternative to basement attenuation storage• Providing rooftop attenuation on a tight urban site



ABG bluroof system

