

CITY HALL LONDON

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THE PROJECT

London City Hall is one of the most visually striking buildings in London and the home to the Mayor of London's office, the London Assembly and the Greater London Authority (GLA). Located on the south bank of the Thames, alongside the More London development, City Hall is one of the capital's most symbolically important buildings.

THE BRIEF

ACO Building Drainage was asked to develop a drainage system that would eliminate standing water that was accumulating around building's perimeter because of surface run-off from the granite slabs that surround the building, its proximity to the Thames, tidal action and high water table levels. The new system had to be designed so it could run exactly parallel to the faceted glass facade and be installed close to the structure in order to complement the building's design.

THE SOLUTION

Instead of removing the original drainage system, ACO Building Drainage decided to increase the capacity of the existing drainage system along a 35 metre section of the perimeter and installed a series of direct connections to the existing mains system. The new systems were manufactured in modular form so they could be easily assembled on site and sections were welded together to form a wide 'V' shape that fits exactly to the angle of City Hall's glazed panels. The flanged ends of each panel are precision cut to form the same angle when they're bolted together. Two 100mm outlets connect the sump sections to the existing rainwater manholes.

David O'Sullivan from groundworks contractor McNicholas Construction, comments: *"The close working relationship established from the outset between ourselves and the ACO team gave us the assurance that the system would operate effectively in all soil conditions and, critically, would take into consideration the very sensitive visual environment around this important building. It was also easy to install, ensuring minimal disruption to the main entrance."*



ACO. The future of drainage

COMMERCIAL & INDUSTRIAL DRAINAGE

We recognise that when you're looking for a drainage system for an industrial or commercial facility, the drainage you choose needs to complement the building's design and look as good as it performs.

Manufactured from fully pickle passivated stainless steel, our drainage systems combine aesthetic appeal with high performance, corrosion resistance and durability. The range is complemented with a comprehensive range of pipe products and accessories. We also employ an in-house design team who use their expertise to provide technical support at every stage of your project.



Our drainage is used across a wide range of commercial and industrial applications including: manufacturing and industrial sites; logistics facilities; offices; supermarkets, and shopping malls.

IN WHICH SECTORS DO WE OPERATE?

ACO Building Drainage specialises in the development and manufacture of high performance drainage systems for a wide range of sectors



Food Processing



Commercial kitchens



Hotels



Infrastructure



Commercial & Industrial



Healthcare



Education



Sport & Leisure



Residential

CONTACT US

To get advice and technical guidance for your next project, please contact our in-house technical design team. You can also obtain a copy of our full product overview guide by emailing us.



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ACO. The future of drainage



ACO Building Drainage
Product Overview

www.acobd.co.uk



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