Ground Control

Certified B Corporation

SuDS, Landscaping and Flood Alleviation Schemes

Nature-based design and engineering for rainwater and flood management, created by our professional landscape architects, ecologists, and designers

Created by our professional landscape architects, ecologists, and designers, our flood and drainage solutions include flood alleviation schemes (FAS), civil-based schemes, and nature-based flood solutions.

Professional landscaping, design consultancy, construction and maintenance company with over 50 years of experience managing land, whilst creating BALI award-winning landscaping and flood alleviation schemes.

Working with commercial clients, developers, and landowners, our design and build projects can proactively support clients to avoid expensive and disruptive damages caused by flooding. Management including reed bed management, wetland planting and maintenance.

Design and planning solutions that work with existing and future infrastructure.

Sustainable Drainage Systems (SuDS) and construction projects that consider stormwater runoff, water quality, and biodiversity. Features including bioswales, rain gardens, green roofs, and wetlands.

Attenuation and settlement ponds designed and installed in collaboration with qualified hydrologists and civil engineers.

Wetland and pond management including reed bed management, wetland planting and maintenance.

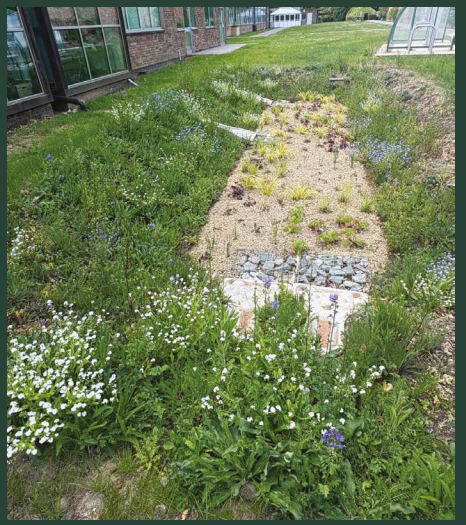
Case Study: Green Recovery Project

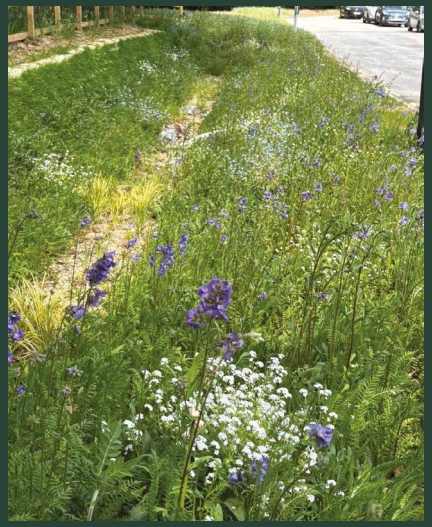
Client: Severn Trent

As part of Severn Trent's £76m Green Recovery Project in Mansfield, Ground Control played a key role in delivering nature-based infrastructure that reduces flood risk and enhances public spaces, in what has been the UK's largest retrofit of SuDS (Sustainable Drainage Systems).

Working alongside Severn Trent, our teams have been responsible for designing and installing SuDS interventions, including rain gardens, bioswales, and permeable paving across non-household sites.

The work supports the overall goal of storing more than 30 million litres of surface water, which will protect 90,000 residents from flooding.





Our expertise in sustainable landscaping helped transform urban areas into vibrant, biodiverse environments that not only manage water effectively, but also improve wellbeing, air quality, and access to green space.

Our works demonstrate how green infrastructure can be rapidly delivered at scale, while leaving a long-term legacy for communities and the environment.

Speak to us to find out more about the Green Recovery Project .

Case Study: Brabazon Burns Rain Gardens

Client: London Borough of Hounslow

The London Borough of Hounslow, in collaboration with Thames Water, commissioned Ground Control to design and install 11 roadside rain gardens. This initiative aimed to mitigate flooding on high-risk roads within the borough.

The primary objectives were to reduce flooding on high-risk roads and implement sustainable water management solutions. Ground Control, leveraging their Contractor Design Portion (CDP), developed and installed below-ground storage systems using natural stone aquifer units. These units effectively stored water and facilitated irrigation through capillary action.

Ground Control collaborated with engineers to develop and implement effective designs. Traditional road gulleys were replaced with new kerb inlets to channel water into the rain gardens. Contraflow systems were implemented to reduce water flow back into the drainage network. Additionally, Ground Control managed all street works permits and traffic control to ensure minimal disruption to residents.

The project was completed on schedule, ensuring minimal inconvenience to residents during the installation process.

The initiative successfully enhanced flood resilience on targeted roads, exemplifying a successful partnership between local government, utility providers, and contractors to deliver sustainable and effective flood mitigation solutions.

Speak to us to find out more about Brabazon Burns Rain Gardens.

T: 01277 598 899
E: estimate@ground-control.co.uk
W: www.ground-control.co.uk/suds

Certified B Corporation

Ground Control Limited
Kingfisher House, Radford Way,
Billericay, Essex, CM12 0EQ