



LAKE SIDE
FLOOD SOLUTIONS

St David's C of E Primary School

Location: Moreton-in-Marsh, Gloucester

Date: April 2026

Consultant: Synergy LLP Construction and Property Consultants 

Client: Department for Education 

Requirements: Detailed liaison and collaboration with Consultants, Main Contractor and Client to ensure a successful, holistic suite of Property Flood Resilience measures.

Key Features:

- 7no. Automatic Self-Closing Flood Barriers designed to connect to only 2no. activation pits, ensuring simultaneous activation during a flood event.
- Extensive preliminary civil, groundworks and foundation requirements, including drainage re-routing to accommodate new systems.
- Automatic barrier activation designed for trigger by both surface water and drainage back-up.
- 18no. Lakeside Demountable Aluminium Flood Barriers to openings across the site.
- Bespoke cover plates with hazard strips were provided to the permanent side posts to mitigate health and safety risk posed to children.
- Storage racking solutions were also mounted adjacent to each barrier and doorway, with clear part itemisation to ensure ease of deployment.





LAKE SIDE
FLOOD SOLUTIONS

Staples Road Primary School

Location: Loughton, Essex

Date: July 2025

Consultant: Synergy LLP Construction and Property Consultants 

Client: Department for Education 

Requirements: An automatic, passive solution was sought for the main perimeter openings of the school due to ease of maintenance, extensive design life and evident lack of required human intervention.

Key Features:

- Holistic design and defence solution encompassing automatic flood barriers to the site perimeter, demountable manual flood barriers to secondary individual openings and ancillary measures.
- Automatic barrier activation designed for trigger by both surface water and drainage back-up.
- End-to-end design, installation, test and commissioning by Lakeside in-house project team.
- Bespoke Annual Maintenance Agreement has been implemented with the School to ensure system optimal function and longevity.
- Highways permissions.





LAKE SIDE
FLOOD SOLUTIONS

Trinity Academy Carlton Mill School

Location: Sowerby Bridge, Calderdale

Date: May 2025

Requirements: The site design required heightened due diligence and care due to the historic nature of the premises. Emphasis was placed on resilience measures which were seamlessly integrated, adaptive to various openings, and simple to deploy and maintain by the end user.

Key Features:

- Grade II Listed Building, high emphasis on detailed design agreed by all required parties.
- Bespoke side post cover plates to maintain site aesthetics.
- Window defence.



01792 561117



sales@lakesidefloodsolutions.co.uk


LAKE SIDE
FLOOD SOLUTIONS



YouTube