

ENGINEERED GRP ACCESS

College Park ASHP Enclosure GRP Access Steps and Grating

A prefabricated GRP access package developed for the air-source heat-pump enclosure at College Park.

College Park: fitted open-mesh floor and access steps.

SECTOR
Construction and building services

LOCATION
College Park School, Westminster

SYSTEM
Access steps and open-mesh grating

CLIENT
Vital Energi

01 THE CHALLENGE

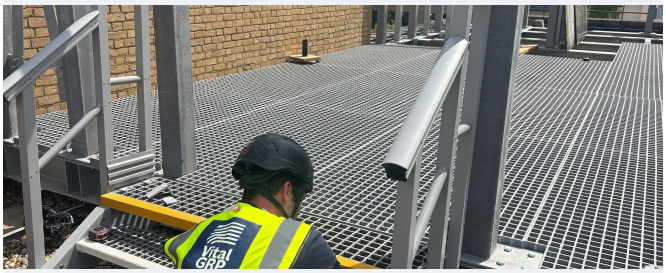
Safe access across a live plant enclosure.

The project concerns GRP access steps and a grating floor for rooftop plant at College Park School, Garway Road, Westminster. The package connects the access level with a working surface supported by the existing steel arrangement.

The Revision B proposal distinguishes 38 mm grating treads for the access steps from approximately 66.2 m² of 50 mm open-mesh enclosure flooring. The construction drawing develops the step geometry, panel layout and fixing details. Proposal quantities describe the quoted basis, rather than an as-built measurement.

02 THE SPECIFICATION

The product features that helped.



Floor panels and the step interface coordinated around steelwork.

Prefabricated step

The step arrangement combines GRP channel framework, mid-stringer support, 38 mm grating treads and ergonomic handrail. The construction drawing develops the overall geometry and connection to the supporting structure.

Modular floor

The 50 mm open-mesh floor is set out around existing steel beams, columns and baseplates. The construction drawing identifies panels for full-width supply and site trimming around the existing interfaces.

Controlled fixing

The drawing records J-clamp and M-clip details at steel supports, with a G-clamp detail at panel joints. Fixing selection follows the actual support and joint condition.

03 DELIVERY

A supply package coordinated around the supporting steelwork.

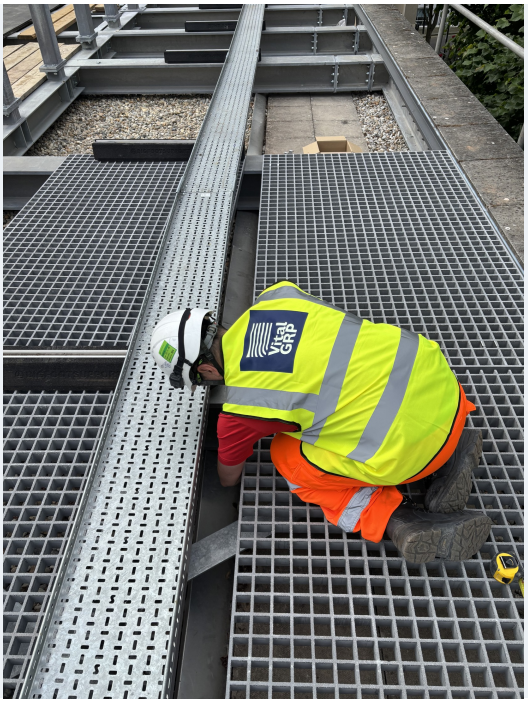
The pre-start plan requires weekend delivery and coordination of the roof lifting and landing arrangements with the client. It also identifies roof loading, edge protection, access and step-foot interfaces as items to resolve before installation. The construction drawing coordinates panel cuts around steel columns and baseplates.

Project photographs show the Vital GRP team fitting the floor around the steelwork and services, with access steps and contrasting yellow leading edges in position.

04 THE OUTCOME

Coordinated access around the steelwork.

The documented package combines a GRP access step, a 50 mm open-mesh floor and connection details around the existing steel support layout.



Vital GRP installer fitting floor panels around services and supports.

Project information and assurance

Standards and assurance: Project-specific layout and fixing coordination. Final support and installation requirements follow the accepted project information. Evidence note: Project P1685; QU1079 Revision B; pre-start plan; construction drawing revision C01 . These describe the proposal and coordinated scope; a completion date and as-built quantities are not stated here.

YOUR NEXT PROJECT

Does your rooftop plant need coordinated access?

Send the plant and steelwork drawings, levels and required maintenance routes. We can help review the supply scope and interfaces.

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