

Silverstone Circuit

Bromley Hays

Client: Silverstone

Sector: Motorsport

Location: Towcester, Northamptonshire

The Brief

As part of the refurbishment of the BRDC Clubhouse at Silverstone Circuit, a new gatehouse was required to control pedestrian access to the venue and provide a dedicated office space.

Elite Systems was appointed by main contractor Bromley Hays to develop the technical design, manufacture and install the bespoke modular building.

Working from supplied architectural drawings, the brief was to create a practical **4.4m × 3.3m gatehouse** with an integrated workstation and a distinctive architectural finish. Expanded mesh cladding and a matching feature canopy were specified to complement the wider project design.

Project: Bespoke Modular Gatehouse – BRDC Clubhouse

Location: Towcester, Northamptonshire

Project Cost: £60,246.39

Timeline: 1 week from site set-up to handover.

Key Features: Architectural expanded mesh cladding, matching one-metre projecting canopy, anthracite grey external finishes, aluminium-framed fixed and sliding windows, fitted workstation, cat 6 data points and emergency lighting.

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The Main Features

Inside

Integrated Workstation
A fitted workstation provides a dedicated area for gatehouse and office duties. Integrated cable management keeps wiring organised and helps maintain a clear working surface.

Fixed and Sliding Windows
Aluminium-framed windows provide natural light and outward views from the workspace. The combination of fixed glazing and a sliding opening allows staff to communicate with visitors from inside the gatehouse.

Practical Internal Finishes
Polyflor Verona vinyl flooring in Monsoon is paired with prefinished internal wall surfaces, providing practical, easy-to-clean finishes for everyday use. Birch plywood window linings complete the internal detailing.

Power and Data Connections
Twin power sockets and four Cat 6 data points support office equipment and connectivity. A dedicated data cabinet and patch panel provide an organised point for the building's internal data cabling.

Outside

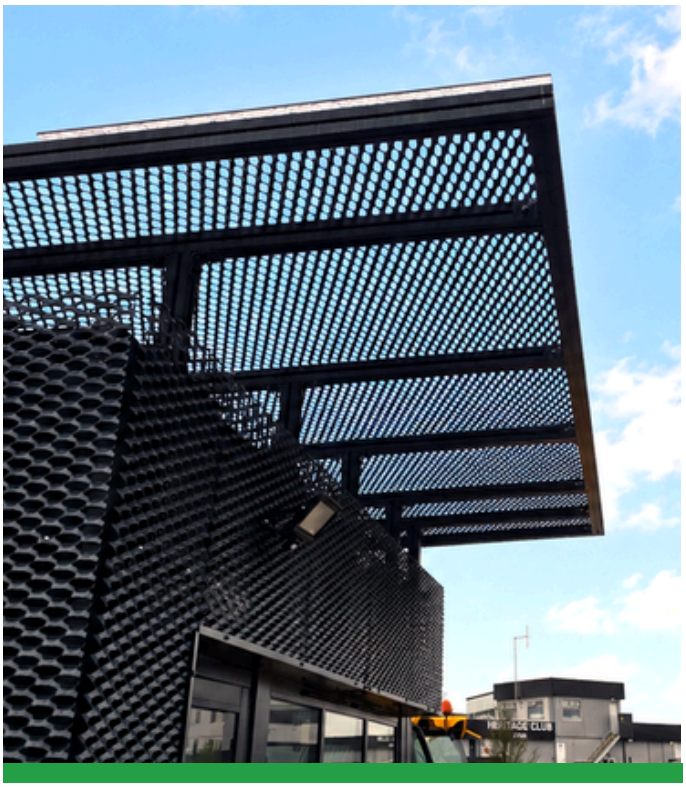
Architectural Mesh Cladding
Expanded mesh panels give the gatehouse its distinctive external appearance. Specified in Locker Architectural's Mancunia pattern with an anthracite grey finish, the mesh was selected to match the service yard screen within the wider project.

Feature Roof and Projecting Canopy
A framework above the roof supports matching expanded mesh, extending the architectural treatment across the top of the building. The mesh canopy projects one metre from the front, creating a defined entrance feature.

External Access Doors
An aluminium-framed entrance door is complemented by a separate steel security door. Both are finished in RAL 7016 to match the surrounding windows and external detailing.

Coordinated Anthracite Finishes
RAL 7016 anthracite grey is used across the mesh cladding, window frames, external doors and trims. The coordinated finish brings the individual elements together to create a consistent exterior.





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Challenges

The Silverstone gatehouse presented a range of design and delivery challenges, addressed through careful planning, technical expertise and close coordination with main contractor Bromley Hays.

Architectural Mesh Cladding

The expanded mesh panels needed to fit around windows, doors and building corners. Bespoke brackets, framing and trims required careful detailing to integrate the cladding with the modular structure.

Feature Canopy

The matching mesh canopy projected one metre from the front of the gatehouse. Its supporting framework needed to be coordinated with the roof and wall cladding to achieve the specified architectural finish.

Compact Internal Layout

The gatehouse needed to accommodate a practical workspace within a compact footprint. The fitted workstation, windows, power sockets and data points required careful positioning to make effective use of the available space.

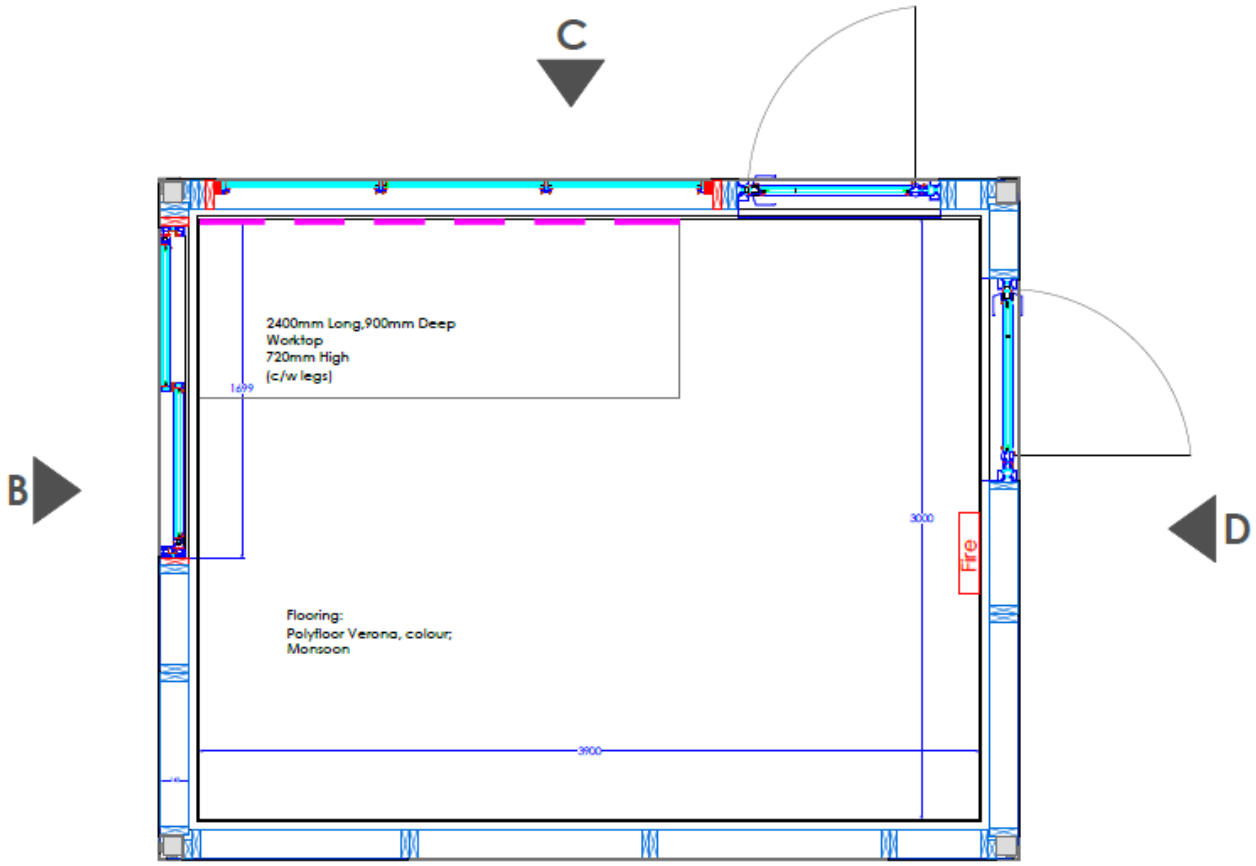
Matching the Wider Project

The mesh was specified to match the service yard screen within the wider development. Coordinating the mesh pattern and anthracite finish was important to maintaining a consistent appearance

Coordination with the Main Contractor

Elite's technical drawings and delivery programme needed to align with Bromley Hays' wider project requirements. This included coordinating design reviews and sequencing manufacture, installation, cladding and canopy works.

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The Design

The design combined a straightforward internal workspace with a more detailed external envelope.

Fixed and sliding windows were arranged around the workstation to provide outward views and an opening for communication with visitors. Insulation, panel heating and practical internal finishes supported everyday use as a gatehouse and office.

Externally, expanded mesh panels were mounted on bespoke brackets and framing. Above the roof, a supporting framework carried matching mesh to form the projecting canopy, continuing the architectural treatment beyond the walls.

A consistent anthracite grey finish brought the cladding, doors, window frames, trims and plinth together.

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The Results

Elite Systems manufactured and installed the bespoke gatehouse for main contractor Bromley Hays, translating the supplied architectural drawings into a completed modular building.

The gatehouse provides a dedicated office and working space for the BRDC Clubhouse project at Silverstone Circuit, meeting the brief's practical requirements and specified architectural appearance.

Both Bromley Hays and the end user were pleased with the completed building. The project demonstrates Elite's ability to work from an established architectural brief and deliver a bespoke modular building as part of a wider construction scheme.

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