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# Kymin View Primary School

Monmouthshire County Council

 **Client:** Monmouthshire County Council

 **Sector:** Education

 **Location:** Wyesham, Wales

## The Brief

Monmouthshire County Council required a new standalone outdoor classroom facility at Kymin View School to support additional learning activities and provide a flexible teaching environment connected to the wider school grounds. The project required a complete design, manufacture and installation solution delivered within a live school environment while maintaining safe separation between construction activities and day-to-day school operations.

The building needed to provide a welcoming and practical space suitable for outdoor education, small group learning and enrichment activities. The design also needed to visually complement the existing school buildings, including the use of colour-matched window frames and durable external finishes suitable for long-term educational use.

 **Project:** Outdoor Classroom

 **Location:** Wyesham, Wales

 **Project Cost:** £107,194.80

 **Timeline:** 6 weeks during summer holidays

 **Key Features:** Outdoor classroom facility, horizontal Cedral cladding, brick plinth detailing, custom L-shaped seating, kitchenette, crane installation, off-site manufacture, minimal disruption to school operations.

# The Main Features

## Outside

- ✓ **Cedral Cladding Finish-**  
Horizontal Cedral cladding was installed on site to provide a durable, weather-resistant façade with a clean, contemporary appearance. The cladding system offers long-term performance while requiring minimal maintenance, ensuring the building remains robust and visually consistent within the school environment.
- ✓ **Colour-Matched Windows-**  
Green framed windows were specified to match the existing school buildings, helping the new classroom integrate naturally with the wider campus. This careful coordination of materials and colours ensures the structure blends sympathetically into the established school environment.
- ✓ **Level Access Entrance-**  
The building incorporates step-free access to support inclusive use by pupils, staff and visitors. Level thresholds and clear access routes ensure the facility is easily accessible while supporting safe circulation within the outdoor learning area.
- ✓ **Brick Plinth Detail-**  
A brick plinth was constructed around the base of the building to complement the existing architecture and provide additional durability at ground level. This feature helps protect the external envelope from wear while visually tying the new structure into the surrounding buildings.



## Inside

- ✓ **L-Shaped Bench Seating-**  
Custom built-in L-shaped seating was incorporated into the classroom layout to maximise seating capacity while maintaining clear circulation space. The seating provides a practical and space-efficient solution for group learning activities.
- ✓ **Integrated Kitchenette-**  
A compact kitchenette was included to support practical activities, refreshments and staff use during lessons or outdoor learning sessions. The installation was carefully integrated into the overall layout without reducing usable teaching space.
- ✓ **Inclusive Hygiene Facilities-**  
A fully equipped hygiene room and accessible WCs provide dignified, compliant facilities tailored to pupils with additional learning needs.
- ✓ **Efficient Internal Layout-**  
The internal arrangement was designed to maximise the available floor area while maintaining a clear and functional layout for teaching activities, movement and supervision.
- ✓ **Bright Learning Environment-**  
Large windows provide natural light and views of the surrounding outdoor environment, creating an open and welcoming learning space that encourages engagement and connection with the outdoor setting.



# Challenges

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The project presented numerous challenges, which we addressed with determination and creativity. Some of the key obstacles included:



## Live School Environment

Construction activities were carried out on an operational school site, requiring careful safeguarding procedures, communication with staff and strict site management to maintain safety for pupils and visitors.



## Site Segregation and Security

Secure site fencing and clearly defined work zones were implemented to separate construction operations from school activities and maintain a controlled working environment.



## Noise and Disruption Management

Working hours and construction activities were carefully scheduled to minimise disruption to lessons and daily school operations while maintaining safe working conditions.



## Traffic and Delivery Management

Traffic marshals and a banksman were required to manage vehicle movements, deliveries and site access safely within the restricted school environment.



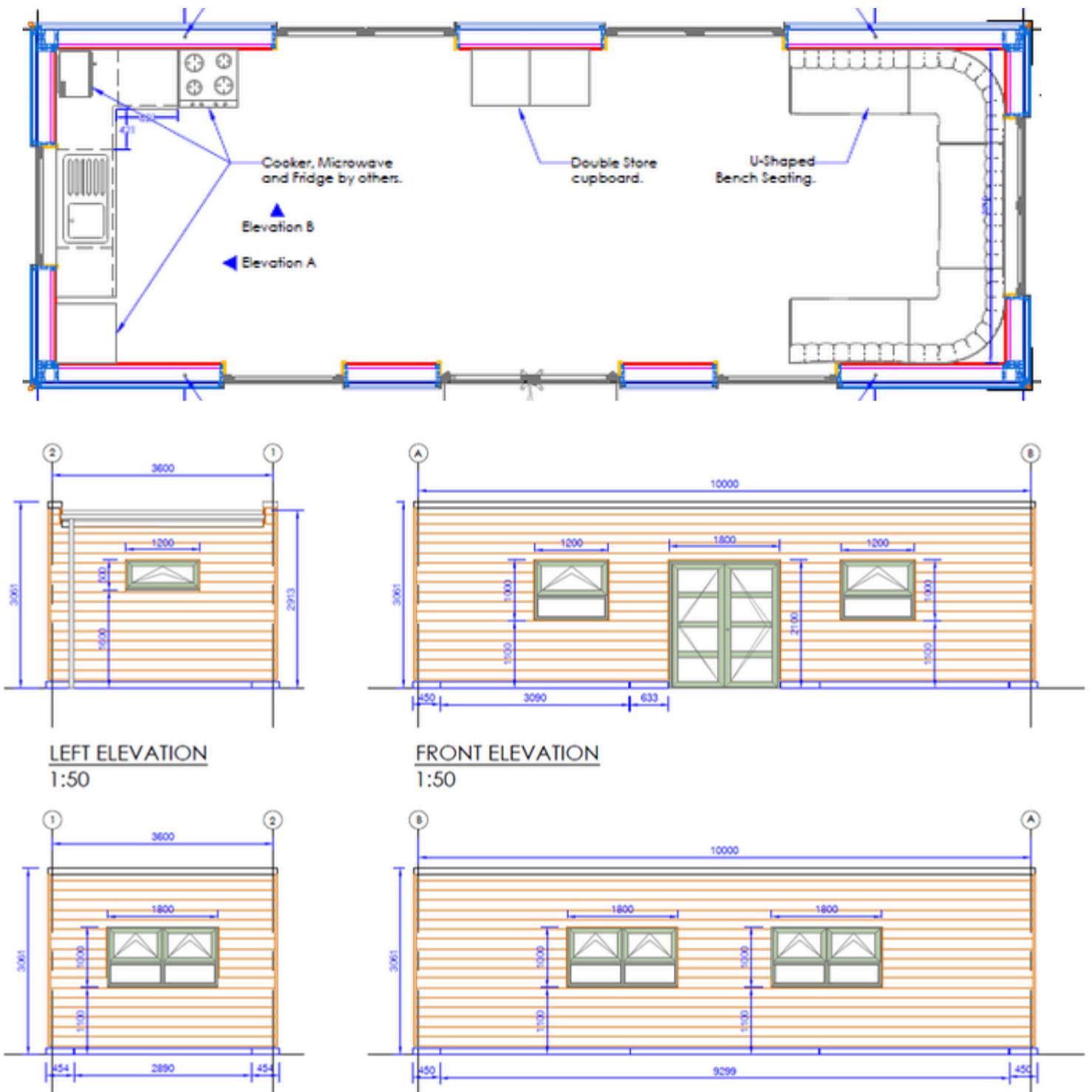
## Crane Installation Constraints

Limited crane positioning space and the proximity of surrounding buildings and overhead power lines required detailed planning, including ground bearing assessments and a comprehensive lift plan.



## Factory and Site Coordination

Close coordination between factory manufacturing teams and site installation teams was required to maintain programme certainty and avoid delivery delays or logistical disruptions.



## Design Process

The design phase focused on creating a practical and durable outdoor learning facility that would integrate seamlessly with the existing school environment while supporting efficient modular construction. The general arrangement was developed to maximise usable internal space while incorporating built-in seating and a kitchenette within a compact footprint.

External materials, including horizontal Cedral cladding and a brick plinth, were selected to provide long-term durability and visual consistency with surrounding buildings. Early coordination between the design, manufacturing and installation teams ensured the structure could be efficiently manufactured off-site and safely installed within the constrained school site, supporting programme efficiency and overall project quality.



# The Results

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## Built for Better Learning

The completed outdoor classroom at Kymin View School provides a flexible and durable learning environment that supports outdoor education and additional teaching space for pupils and staff.

By combining off-site manufacturing with carefully coordinated site installation, the project was delivered efficiently while minimising disruption to the operational school environment. The modular approach enabled the building to be manufactured in parallel with site preparations, reducing the overall programme duration and improving quality control prior to installation.

The finished structure integrates successfully with the surrounding school buildings through coordinated materials and colour-matched windows, while internal features such as built-in seating and a kitchenette create a practical and adaptable learning space. The result is a well-designed facility that supports the school's educational activities and provides a robust, long-term addition to the school campus.