



Euston Skills Centre, Camden

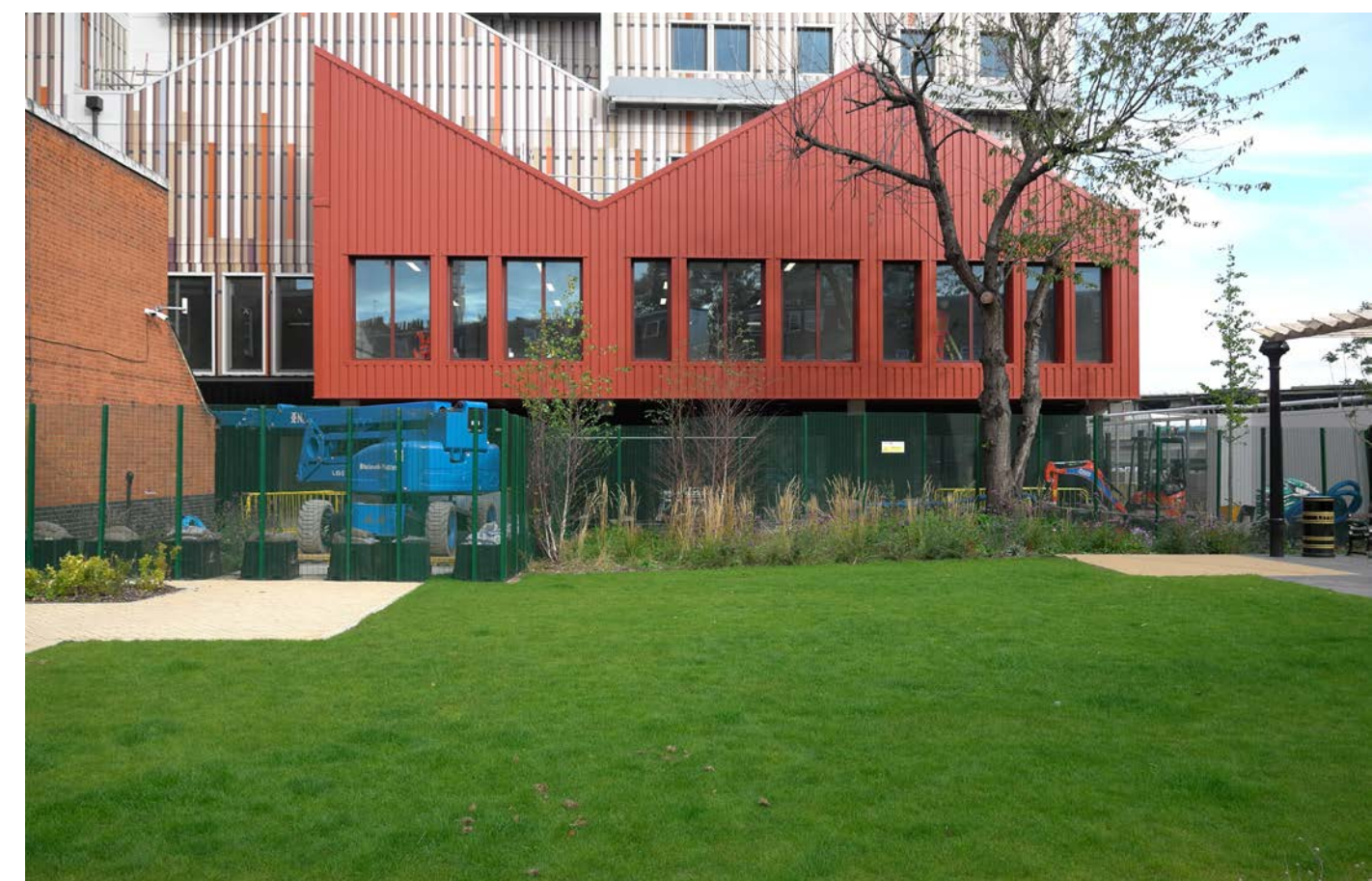
Design Overview

FBMArchitects



The new Euston Skills Centre benefits the local community by supporting people in Camden to develop their skills. Throughout its lifespan, it will also provide economic benefits by broadening the access to skilled labour for projects being delivered across the borough.

Front Cover
Detail of the Euston Skills Centre
Opposite
View of the building from Starcross Street
Below
Entrance to the Euston Skills Centre through the new public park



Scheme description

The Euston Skills Centre (ESC) is a key part of a 10-year meanwhile use project conceived to facilitate the construction of HS2 Euston Station.

The development incorporates the ESC as an integrated yet separate function to the operatives facilities and site accommodation, housed above the ESC and in the former Maria Fidelis school.

Combining the functions offers benefits to both the project and local community: training and employment requirements on site are inter-connected and offer opportunities like upskilling the construction workforce, new potential shared spaces for briefings and inductions, educational visits, and access to a new community space and garden for local residents.

The ground floor of the building is solely given over to the ESC, with access through a new public park. The five storeys above ground level employ 216 12x3x3 metres off-site modular units to provide offices, canteen, showers, changing and amenities for the 2,500 site operatives and staff delivering the HS2 main station works. Access to the site accommodation is via the main HS2 site. The structural solution employs a traditional steel portal frame sitting on new innovative ground source Hyper Concrete Piles - a sustainable new hollow concrete pile employing ground source heat developed for this project.

The project objectives are summarised below:

- To support the requirements of the local community and stakeholders, by including the Euston Skills Centre;
- To ensure green space is delivered across the wider Maria Fidelis site by providing a meanwhile public park and allotment space;
- To provide sustainable and re-usable solutions to reduce the carbon footprint of the project. At the end of the project, all of the 216 modular units are to be recycled and reused by the manufacturer;
- To provide the best life cycle value for HS2; and
- To deliver construction skills training for the local borough and immediate access to construction opportunities on the HS2 Phase One and beyond.



- 1 Euston Skills Centre
- 2 HS2 offices
- 3 The Euston Partnership (TEP) community hall
- 4 Community garden
- 5 Starcross yard
- 6 Site access
- 7 HS2 Euston site

①
Ground and Landscape Plan
1:1000



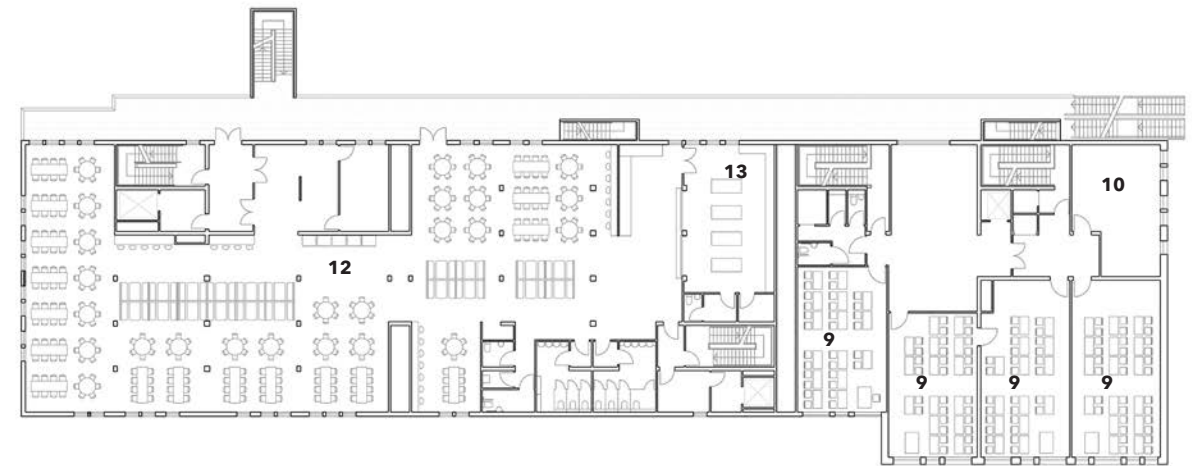
Opposite
Ground and Landscape Plan showing the ESC to the north, the Site Accommodation to the south, and a new community space to the west of the site.
Above
A trainee at the Euston Skills Centre



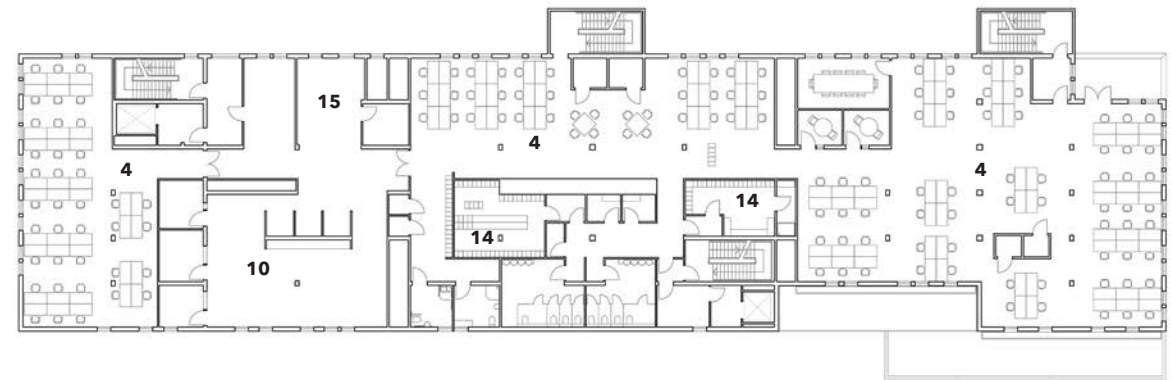
Above
Pedestrian entrance to the Euston Skills Centre, with its distinctive red volume.



Ground Floor Plan 1:500



First Floor Plan 1:500



Fourth Floor Plan 1:500

- | | |
|---------------------------|--------------------------|
| 1 ESC Reception | 9 Classroom |
| 2 Workshop | 10 Staff room |
| 3 Outdoor workshop | 11 HS2 reception |
| 4 Office | 12 Canteen |
| 5 Storage | 13 Kitchen |
| 6 Student welfare | 14 Changing rooms |
| 7 Interview rooms | 15 Service centre |
| 8 IT room | 16 Plant room |



Project data

Date of commission October 2020

Start on site March 2022

Completion date February 2024

Spaces provided Euston Skills Centre, site accommodation, public park

Area 6,954 sqm

Services Provided RIBA 1-5

Form of contract/procurement: Design and Build

Main Contractor Mace Dragados

Contract value £23 million

Design team

Client Mace Dragados, HS2, London Borough of Camden

Architect FBM Architects

Planning Consultant Arup Associates

Structural Engineer Wentworth House Partnership

Services Engineer Max Fordham

Landscape Architect ME Landscape Studio

Environment Technology Innovative use of Ground Source Hyper Piles

BREEAM Rating Very good

Photography John Senior, Simon Fraser

Above
Section through the Euston Skills Centre and new neighbourhood park
Opposite
Exploded Axonometric Diagram of the 216 assembled modular units.

