Case study

New Teaching Block, Little Ilford School

This expansion to the Little Ilford School in London offers an increase of 2 forms to the current 10 forms previously provided by the school.

The project takes the form of two new buildings; the first being a 3-storey humanities and languages classroom block, and the second a SEND (Special Educational Needs) building.

The three-storey teaching block building is constructed using a mixture of on-site and off-site construction methodologies to best serve the structural requirements of the different spaces provided.

The upper two storeys that serve as classroom units are constructed as volumetric modular units, built off-site in a factory environment and delivered to site to be landed over the traditional built steel composite transfer structure on CFA piled retaining walls and ground beams below.

For the SEND pod building, modular manufacturer was not deemed to be the most suitable methodology for the structure, and a portalised frame was adopted instead, offering benefits in cost, special constraints, and carbon.

Alan Wood & Partners

Location:
London

Client:
Modular AR / London Borough of Newham

Architect:
Rivington Street Studios

Value:
£25m

Civil Engineering | Structural Engineering | Modern Methods of Construction (MMC)

Engineer / Manage / Deliver /