

# PROJECT MAYFIELD SCHOOL

LOCATION  
Redbridge,  
London

## PROJECT DESCRIPTION

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This project required a smart solution to increase this large secondary school from an eight to twelve form entry in only 16 months. New accommodation provides teaching space for 1,800 students and 80 staff and includes science, ICT, arts and sixth form facilities.

The choice of CLT construction addresses the tight programme with minimum disruption to the school. KLH® - CLT has excellent sustainability credentials and has been shown to reduce the level of embodied carbon in buildings by up to 60% in comparison to traditional techniques, helping to achieve BREEAM excellent sustainability rating. The exposed timber also lends a lightness and warmth to the internal spaces. The panels were manufactured directly from the BIM model using CAD/CAM technology, saving time and ensuring full co-ordination throughout.

### CARBON CALCULATION

Total stored/sequestered carbon in the KLH® - CLT for Mayfield School is 694.56 tonnes

### PROJECT DETAILS

Project Value: Confidential

Project Dates: 2014

KLH UK Services: Supply & install

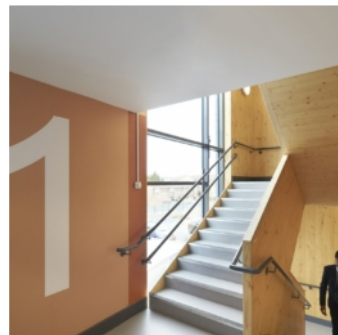
Timber Volume: 2894 m<sup>3</sup>

Build Period: 18 Weeks

### AWARDS

London Design Awards 2014 Gold Winner

Constructing Excellence-BIM Project of the Year 2015











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**ARCHITECT**

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**KLH PROJECT SUPPORT**

KLH UK Ltd.  
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**TIMBER ENGINEER**

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