

Education



Role: M&E D&B Contractor
Main Contractor: Morgan Sindall
Client: REACh2 Academy
M & E Consultant: Flimestone
Architect: Astudio Architecture
M & E Value: £1.2M

Newhall School, Harlow

Newhall Primary Academy and Nursery is a brand new 420 pupil school on the outskirts of Harlow, Essex for the REACh2 Academy. In partnership with main contractor Morgan Sindall, the school opened on a phased basis with two reception classes, a 56 place nursery and a baby room. The intake is due to grow year-on-year, until it reaches capacity. The REACh2 Academy Trust which promotes strong cultural, social values and an innovative, up-to date curriculum for its schools was keen for Newhall Primary Academy and Nursery to promote a 'Growth Mindset' approach and provide all of their children with equal opportunity to empower and independently challenge themselves. An exciting and innovative curriculum is made special by a wide range of unique learning experiences which can now be delivered in the new environment that we have helped to create for generations to come.

Bower Fuller provided the complete mechanical and electrical services on a design and build basis including all heating, ventilation, domestic water services, electrical power, lighting, structured cabling, fire & security alarm systems and Solar PV.

The scheme contains underfloor heating and natural ventilation systems throughout as well as an intelligent lighting control system with daylight linking. The buildings are controlled by a comprehensive BMS system which is connected to the schools' network.

All classroom areas were designed with exposed soffit ceilings. Our installations had to be seamlessly integrated within the overall concepts which was achieved by working closely with the design team and other trades through workshops and close coordination on site.

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