

## Project Profile: Education



Structural/Civil Engineering

### Arnold Academy, New Entrance Building

**A new 3 storey entrance building extension to the Academy at Barton-le-Clay involved the design and detailing of the structure and below ground drainage.**

**Client**

Arnold Academy

**Architect**

Nicolas Tye Architects

Scott White and Hookins were employed as structural and civil engineering consultants for a new three-storey entrance building extension to the Academy at Barton-le-Clay, Bedfordshire. The work involved the design and detailing of the structure and below ground drainage.

The building was to form a new entrance reception/foyer facility, staff offices as well as incorporating a lift to improve disabled access to the Academy.

The building was constructed with a lightweight steel braced frame with ground bearing slab, concrete composite metal deck floors at 1<sup>st</sup> and 2<sup>nd</sup> floor levels and an insulated metal deck roof. The walls were constructed with a combination of metal stud infill walls with insulation render finish and curtain wall glazing.

*Photographs credit: Nerida Howard Photography*



