TELFORD CO-OPERATIVE ACADEMY

KEY FACTS

CLIENT
SHEPHERD ENGINEERING SERVICES

YEAR COMPLETED
2015

ARCHITECT
FAULKNERBROWNS

CONSTRUCTION COST
£14M

FLOORPLATE SIZE
10000 SQ.M SQ FT

PROJECT DESCRIPTION

Telford Co-Operative Academy principally accommodates a secondary school, with changing rooms for use by the adjacent tennis centre incorporated into the school building. A data centre is provided which is a hub for the district’s data services.

BWB undertook concept through to detailed design of the mechanical and electrical engineering services using Revit software in a BIM environment. The building engineering systems are arranged to suit the academy facility in an energy and cost conscious manner whilst providing a suitable level of autonomy between the different functions.

SERVICES PROVIDED

Building Information Modelling (BIM)
Building Physics and Facade Engineering
Electrical Engineering
Carbon Management, Energy and Sustainability
Lighting Design
Mechanical Engineering
Thermal Modelling
Utilities
TELFORD CO-OPERATIVE ACADEMY

KEY CHALLENGES & SOLUTIONS

Tight ceiling void space made the co-ordination of services challenging. The use of Revit software assisted the 3D co-ordination and enabled early resolution of service distribution routes.

KEY CONTACTS

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