



The Samworth Church Academy

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Client

Nottinghamshire County Council

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Contractor

Marriott Construction

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Architect

Building Design Partnership

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Engineer

Building Design Partnership

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Steel Tonnage

545 tonnes

The Samworth Church Academy is located on the former Sherwood Hall School site in Mansfield, Nottinghamshire, which replaced Sherwood Hall School and Sixth Form College.

The Academy was jointly sponsored by the Church of England, through Diocese of Southwell and Nottingham and Mr David Samworth, a local businessman. Mr Samworth also sponsored two other new academies in both Leicester and Nottingham, one of which Caunton also supplied the steelwork for.

The Samworth Church Academy, entirely framed in steel was divided into five distinct blocks. These blocks form five clear individual schools within the development. They were divided as follows: Humanities (titled Hardwick), Maths and Business Base (Sherwood), Communications (Newstead), Outdoor Education, Sports and Performing Arts (Welbeck) and Science, Technology and IT (Rufford). All of these blocks were three storey beam and column structures supporting pre-case concrete floors and PC concrete access staircases.

Sustainability features included the use of the thermal mass of the building for cooling, natural ventilation, rainwater harvesting (the use of grey water), a Biomass Boiler and a 'Brown Roof' for the roof above the drama studio.

The buildings' extent is 10,350m² of total floor area and required 545 tonnes of structural steelwork.

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