

Lancashire BSF Wave 1

Capita Symonds, lead consultant on this £250 million programme have shown a great understanding of our clients needs - by adapting design and planning strategies we have reduced costs and risks in the building of these 3 important schemes significantly

Client: Catalyst Lend Lease

Location: Lancashire (NW UK)

Lead Discipline:

Architecture

Services:

Lead Consultant

Education Services

Architecture

Landscape Architecture

Cost Management

Civil & Structural Engineering

DDA

Fire

Acoustics

Start date: 2006

Completion: September 2010

Contract Type:

Work Package

Project value: £250 million

Wave 1



Client Objectives:

Lancashire County Council's £250m BSF (Building Schools for the Future) programme is seeking to support a transformation of secondary education in Lancashire to ensure that all secondary age children and young people have access to facilities of 21st Century standard. The intention is to renew and/or replace all secondary schools over a 10 to 15 year period from 2005/2006.

Delivering the Project:

The first phase of the programme, which is actually the first major wave of schools to be built in the UK under BSF, comprises the development of ten new secondary schools and opportunities for co-located facilities such as children's centres and nursery, primary and SEN schools catering for almost 9,000 students in total.

The first phase is operational at three sites:

Nelson: The £29m Pendle Vale College and Pendle Vale High School site in Nelson brings together two schools under one roof with the aim of achieving greater integration between the two. The sloping site has been used to create a new local landmark with a building that rises in tiers to four storeys and is capped by a sweeping roofline. Sports pitches and indoor sports resources are all built to Sports England standards to support the school's aims to achieve specialist sports college status.

We provided lead consultant, education services, cost management, structural engineering, DDA, fire and acoustics services while our partnership with Salford City Council - Urban Vision - provided landscaping services. Capita Architecture provided architectural services

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Burnley: The £31m Burnley Campus is the biggest of the three sites and contains schools for both sixth form and primary students; a 50-place nursery and children's centre; a library and faith centre; all-weather sports pitches; fitness centre; climbing wall; sports hall; and hydrotherapy pool.

We provided lead consultant, education services, cost management, structural engineering, DDA, fire and acoustics services while our partnership with Salford City Council - Urban Vision - provided landscaping services.

Padiham: The £20m Shuttleworth College in Padiham features an entrance area dominated by a dramatic floor-to-ceiling atrium that echoes the designs of modern office buildings. Facilities include a dance studio, sports hall, fitness room, tennis courts, all weather sports pitches, a café and faith centre.



We provided lead consultant, education services, cost management, structural engineering, DDA, fire, landscaping and acoustics services while Capita Architecture provided architectural services.

The second and third phases are currently on site and include one of the first Academies - Accrington - to be developed through the Local Education Partnership (LEP) model.

Adding Value:

Our commitment to the local community is highlighted by a 'skills legacy' which involves the creation of a skilled and professional BSF workforce from within the local area. Phase 1 also achieved a 'very good' BREEAM rating while Phase 2 and 3 are on course to do the same.

- Achieving a commonality of approach to the design proposals across all the schemes, in particular the structural , M&E engineering solutions and interior design:
- All schemes have been designed using the same palette of external cladding materials and natural ventilation systems creating economies of scale in procurement
- Use of materials which facilitate the development of cost certainty, thus de-risking the design and cost process, such as standard fibreglass framed window modules to be used throughout all three phases.
- Design methodologies, strategies and materials which minimise construction time and the potential for delays due to unavailability of labour and materials, helping to ensure project deliverability constraints are achieved. This has been assisted by omitting as many wet trades as possible, utilising drylining partitions where possible.
- Designs which are developed to pre-agreed structural grids and standards which allow for the maximum use of modularised and repetitive construction particularly in the build envelope materials.

For further information on this project contact:

Karl Blockwell

T: 02920 333 777

E: karl.blockwell@capita.co.uk