



Education | School Expansion & Extensions



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-is building!

Glyn School – Ewell



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Baily Garner were appointed by Glyn School as Project Managers/Employer's Agent, Architect, Mechanical & Electrical Engineer, Cost Consultant and Environmental Sustainability Consultant for their new teaching and canteen block, providing a canteen/servery, 18 classrooms, learning resource centre, meeting rooms and welfare facilities.

Project value: £3.5m

Client: Glyn School

Services: Project Managers/Employer's Agent, Architect, Mechanical & Electrical Engineer, Cost Consultant and Environmental Sustainability Consultant

Key partners: Armfield Construction Ltd (Contractor), Elliot Wood (Structural Engineers)

Background: Founded in 1927, Glyn School is the only state comprehensive school for boys in Surrey. After achieving academy status in 2011 the school developed a long term plan for refurbishment, upgrade and expansion across the school complex. Following detailed proposals prepared by Baily Garner and a successful bid for ACM funding, the school was able to realise what they described as "a fantastic opportunity to create a new and vibrant learning environment to benefit all students".

Situated on a greenfield plot adjacent to the south western boundary of the school, the new Teaching and Canteen Block replaced a number of outdated buildings no longer fit for purpose. With ACM funding secured in 2013 and construction commencing January 2014, the modern teaching facility was sympathetically designed

to remain in keeping with the original school building, the new building providing 18 classrooms, kitchen facilities, a canteen and servery, a learning resource centre, meeting rooms, toilet and welfare facilities.

Following a period of unprecedented and prolonged wet weather challenging the early, foundation laying stages of the project, the new building was structured around a steel frame and constructed in a combination of single and two storey levels, with the single storey element over the canteen and servery. External elevations comprise brickwork and insulated render, with aluminium composite framed windows and flat roofing. Lower level roofs are metal decking covered with a green roof, upper level roofs are metal profiled decking with photovoltaic panels. External works include footpaths linking the new building to the original school.

Outcomes: Completed in Spring 2015, classroom transfers took place over the half term holiday and excitement grew as students began their new half term with a tour of the new building, one Sixth Form student remarking that it made him 'so proud to be a Glyn student'.

Glyn School's Deputy Head stated "it is astonishing to see the impact that the new building is already having upon learning. The Sixth Form study facilities give the building a university feel and using them will be great preparation for our students for studying beyond Glyn. The vibrant colours throughout the building certainly spark imagination and creativity and give the building its modern feeling".

"An outstanding team for an outstanding school"

Matt Taylor – Director, Glyn Learning Foundation

Bluecoat Academy Sixth Form – Nottingham



Baily Garner were appointed by Bluecoat Academy on a multi-disciplinary basis to assist with a funding application to the Education Funding Agency to expand the existing sixth form.

Project value: £1.6m

Client: Bluecoat Academy

Services: Architect, Employer's Agent and Cost Consultant

Key Partners: J Tomlinson (Contractor), White Young Green (Structural Engineer)

Background: An assessment of the existing sixth form provision against BB103 identified a shortfall in social and dining space, as well as in self-study and general teaching spaces. There was an aspiration for the project to provide a lecture theatre style teaching space, capable of seating the upper or lower sixth form.

Outcomes: The existing sixth form centre was ideally located at one end of the site and the proposed extension was designed to link with the existing facility at ground and first floor levels. The new extension comprises a large multi-functional space with movable partition to allow the space to be reconfigured for exams, lectures, open evenings and year group briefings. A large open plan social and dining area, linked to the extended and improved catering facility, has increased the number of pupils remaining on site and reduced the pressure on catering facilities in the lower school whilst also providing an income stream.

The project was successfully delivered in September 2015 and has been well received by students and staff.



Townley Grammar School – Bexleyheath



New 2 storey extension providing modern dining /catering facilities and improved disabled access to the ground floor, with ICT teaching and staff facilities to the upper floor.

Project value: £2.84m

Client: Townley Grammar School

Services: Architect (RIBA Stages 1-7), Employer's Agent, Quantity Surveyor, M&E Consultants, CDMC

Key partners: Lakehouse Contracts, Stroud Associates Ltd (Structural Engineers)

Background: Located in Bexleyheath, Kent, Townley Grammar School is a large, successful academy of 1556 pupils, including a mixed sixth form of 472.

Recent assessment of the school's buildings identified

inadequate dining and kitchen facilities, accessibility problems for wheelchair users and temporary buildings considered beyond repair.

Outcomes: The new £2.84m two storey design and build extension, integrated into the existing 1930s building, created modern dining/catering facilities and improved delivery and disabled access to the ground floor, with ICT teaching spaces and staff facilities to the upper floor.

Environmental modelling by our in house Environmental Engineers influenced new window designs, maximising both natural light and ventilation strategies. The amount of IT in classrooms proved challenging but natural ventilation, coupled with an innovative low energy ventilation and cooling system in place of air conditioning, reduced capital and running costs.





Back cover

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Front cover

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Learn more:



Bradley Webster BSc(Hons), MRICS
 t: 020 8294 1000
 bradley.webster@baillygarner.co.uk



Tim Bush MRICS, APMP
 t: 0121 236 2236
 tim.bush@baillygarner.co.uk



BAILY • GARNER
-is forty!



London (Head Office)
 146-148 Eltham Hill,
 London SE9 5DY
 t: 020 8294 1000
 f: 020 8294 1320

Birmingham
 55 Charlotte Street,
 Birmingham B3 1PX
 t: 0121 236 2236
 f: 0121 236 3323

www.baillygarner.co.uk

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