



Strode College, Street, Somerset



Strode College is a further educational college situated in Street, Somerset. It currently has 1600 full time and 3000 part time students after growing significantly in recent years. To keep up with the student numbers and modern facilities there has been significant upgrading of the college with a major construction programme. KB² has been involved since 2003 together with architects Nightingale Associates and cost consultants GVA Grimley in the design of 4 major new buildings and the refurbishment of a number of the existing buildings.

KB² have been required to design 2 number 3000m² Educational Resource Centres, a Sports Changing Facility and a Performing Arts Centre. Ground conditions are challenging with limestone bands beneath alluvial material and most of the buildings are situated in very tight sites alongside active educational buildings. In addition to the superstructure KB²'s advice has included the on-site pavings and drainage and design appraisals of the off-site surface water systems and proposals for repair.

All the buildings have been designed as steel frames with composite beams and concrete floors. Continuous flight augered piles penetrate the thin bands of limestone and mudstone. The new Performing Arts Centre has a long span roof which needed to be formed using pre-cast concrete units for sound attenuation requirements

Strode College is a leading modern college, now with facilities to match. The total value of projects we have been involved with on the site is in excess of £10million. The completion of the latest building, the Performing Arts Centre, is due for Christmas 2009.



“Ken Brown and his team at KB² have been instrumental in helping us create a world class learning environment for our students here at Strode College. I look forward to their continued help and the completion of our next building, The Performing Arts Centre, by Christmas 2009.”

Ian Bennett OBE, Principal - Strode College

KB² Consulting Civil & Structural Engineers

Providing engineering certainty by delivering intelligent designs, minimising project risk and applying principles of sustainability.

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