



Strode College, Street, Somerset



KB² has been involved with Strode College since 2003. Together with architects Nightingale Associates and cost consultants GVA Grimley, the college has been upgrading its facilities with a major construction programme to keep up with growing student numbers and modernise facilities in the design of 4 major new buildings and the refurbishment of a number of the existing buildings.

KB² have designed two 3000m² Educational Resource Centres, a Sports Changing Facility, sports lighting and a Performing Arts Centre at the college. The site includes challenging ground conditions, with limestone bands beneath alluvial material.

Most of the buildings are situated in very constrained 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 are steel frames with composite beams and concrete floors. Continuous flight augered piles penetrate the thin bands of limestone and mudstone. The Performing Arts Centre has a long span roof which needed to be formed using pre-cast concrete units for sound attenuation requirements.

KB² Consulting Civil & Structural Engineers

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

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"KB² have been instrumental in helping us create a world class learning environment for our students."

Ian Bennet OBE, former Principle,
Strode College

