

De Warenne Academy - Conisbrough



Project:

New School, De Warenne Academy

Location:

Conisbrough, Doncaster

Client:

De Warenne Academy

Consulting Engineer:

Alan Wood & Partners

Architect:

CPMG

Project Value:

£9 million



Description:

Alan Wood & Partners are providing full Civil & Structural engineering advice to Wates Construction Ltd, the appointed contractor for the new school at De Warenne Academy. This was funded via the Partnerships for Schools scheme.

The building is a two-storey steel framed construction with precast concrete floors. It incorporates a large school hall, dining hall with auditorium, drama studio, classrooms and science laboratories. Existing buildings on the campus are being refurbished as the sports hall and DT block.

Our commission included input into the feasibility and planning stages together with foundation and steelwork design.

The consultant team made use of the latest BIM techniques with Revit software. This allowed full coordination of architecture with structure and has minimised service and finishes clashes on site.

The external works included innovative SUDS technology with controlled flow balancing ponds to minimise off-site surface water discharge. The Academy has achieved BREEAM, Very Good.