

New Learning Centre - Archbishop Holgate School, York



Project:

New Technology Building

Location:

York

Client:

Archbishop Holgate School

Consulting Engineer:

Alan Wood & Partners

Architect:

Morgan Lloyd Jones

Project Value:

£3.3 million

Description:

Alan Wood & Partners were engaged to provide engineering services including foundations, superstructure, drainage and external works.

The building comprises of a 2 storey technology block, including workshops, PC suites and soundproofed media suite. This was constructed on pad and strip foundations utilising a portalised steel frame supporting a precast concrete first floor tied to meet disproportionate collapse requirements in accordance with Approved Document A.



The design off

fr increased area of hardstanding. This included the use of grasscrete car parking areas, and off-line attenuation tanks in conjunction with flow control devices to limit the run-off from the non-permeable areas.

The works had to be designed to cause minimal disruption to the school as the New Learning Centre, and associated car parking were adjacent the main school entrance. This necessitated the design of temporary access routes and car parks.