

Sandburn Hall Hotel



Location:
York



Client:
Sandburn York Ltd /
Houlton



Architect:
Wildblood Macdonald



Value:
£7 million



Civil Engineering

Structural
Engineering

Building Consultancy

Geotechnical and
Geo-environmental
Engineering

Project Management

Specialist services

Alan Wood & Partners were appointed by Sandburn York Ltd to provide the civil and structural design for a new luxury hotel located at Sandburn Hall Golf Club.



The hotel consists of 40 bedrooms, entertainment foyers, extensive external landscaping and a new staff wing. The hotel is a significant addition to the estate which already included a wedding venue, restaurant, golf course and cabins.

Engineering and Design Factors

The building consists of a traditional masonry structure supported on strip foundations, however, at the end of each wing there is a steel framed structure which provides vaulted ceilings and large glazed panels overlooking the landscaped gardens. The surface water is attenuated within a large basin which was modelled to ensure the aesthetics fitted the surroundings.

Description of the Works

Alan Wood & Partners were engaged to undertake full structural design for the substructure and superstructure, including detailed drawings, surface water and foul water drainage design including a 850m rising main, and full external works design and detailing for the access roads and car parks

Core services

Civil Engineering / Structural Engineering

Sectors

Commercial, Retail and Leisure