

East Ravendale Primary School - Lincolnshire



Project:

Extension to East Ravendale CE Primary School

Location:

East Ravendale – Lincolnshire

Client:

North East Lincolnshire Council

Consulting Engineer:

Alan Wood & Partners

Architect:

K D Design Partnership

D&B Contractor:

Rok

Project Value:

£1.5 million

Description:

Alan Wood & Partners were responsible for the design of the foundations, floor slab and superstructure for the extension to this Victorian Primary School. The school was designed to blend in with its picturesque surroundings in the Lincolnshire Wolds.

The Main part of the single storey element formed a sports hall, which comprised of a steel framed roof, spanning nearly nine metres between load bearing masonry walls.

The walls were generally supported off concrete strip foundations, the design of which was largely dictated by the presence of existing trees within close proximity of the buildings footprint.

The two storey element comprised of a steel framed roof and precast concrete first floor, supported off masonry walls and steel frames where appropriate.

To increase the sustainability of the building work, some elements of the first floor walls were constructed in timber frame.