

# Residential Property Extension



Location:

Felixkirk, North Yorkshire



Architect:

Bramhall Blenkharn

Leonard



Civil Engineering

Structural  
Engineering

Building Consultancy

Geotechnical and  
Geoenvironmental  
Engineering

Project Management

Specialist services

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The property is believed to date from the 16<sup>th</sup> century. It was built in local stone with part timber frames evident that were worked around in the design.



The property had a number of repairs undertaken to regain its structural integrity following alterations over its lifetime.

## Engineering and Design Factors

The extension to the existing house and proposed alterations focus on the rear side of the property, facing the existing private garden to the south.

## Description of the Works

The main element of the proposals was a new, two storey extension on the south side of the existing house replacing an existing two storey wing. The new extension is rendered masonry construction under a slate roof. There is also a new timber clad, single storey extension under a green roof with a zinc canopy. A new linear rooflight in this roof, against the wall of the new two storey element brings light down into the centre of the building. Sliding glass doors open the extension to the new flagged terrace and garden beyond.

## Core services

Civil Engineering / Structural Engineering

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## Sectors

Residential