

Case Study:

Residential Development, Michaelgate and Hungate, Lincoln



Project Details

Estimated Value:	£8,000,000
Completion Date:	June 2004
Client:	Stamford Homes Ltd
Architect:	LKR Design Group Ltd (now LK2 Architects Ltd)
Engineer:	Peter Cole Consultants Ltd
Main Contractor:	Stamford Homes Ltd

Project Description

This project was an extensive redevelopment in Lincoln city centre which included the construction of 15 new residential units at Michaelgate and 22 new residential units at the old site for St Martins School on Hungate. Peter Cole Consultants Ltd were appointed as lead Engineer at Michaelgate and provided specialist engineering design services for the site on Hungate. The site is located on a steeply sloping site, contributing to the complexity of the foundations and retaining structure design.

Technical Info

Conventional loadbearing masonry walls provided the primary loadbearing element of the structure with timber first floor and a trussed roof construction. Coordinating specialist foundations and strategic design with the archaeologist was required in order to minimise impact on archaeological remains. This led to the use of piled raft foundations which minimised the depth of substructure whilst the piles punctured the underlying historical remains infrequently.

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