

Heworth Green - York



Project:

Heworth Green

Location:

York

Client:

Persimmon Homes (Yorkshire)/
Heworth Green JV

Consulting Engineer:

Alan Wood & Partners

Project Value:

£20 million



Description:

The package of works included a topographic survey, drainage design for the foul and surface water, pumping station, highways, piled foundations and reinforced concrete design.

The site is situated along the side of the River Foss on the former gas works. The nature of the previous use, of the site dictated the removal of contaminated material from the site, allowing the creation of a large underground car park for the 5 storey development.

The site partly lies within a flood risk area, necessitating a flood risk assessment, with particular attention being paid to the car park. The proposed drainage system reflected the findings of this.

The sub structure was required to support 5 traditionally constructed masonry apartment blocks, and consisted of a piled foundation with reinforced concrete base slab, transfer slab and support columns.