

Case study 11:

Residential development — Off Brook Street, Wymeswold for Davidsons Group



Overview

Situated in Wymeswold, this site has been redeveloped with 5 detached houses. All of GRM's multi disciplinary teams were involved in the project.

The geotechnical team carried out the site investigation whilst the environmental team determined that no remediation was necessary. The foundation team designed the foundations using geotechnical advice to reduce depths and save money. The structural team were responsible for minimising foundation widths and confirming that the superstructure designs were suitable.

The infrastructure team were responsible for the design of the foul and surface water drainage systems including the reuse of the previous foul connection and providing sufficient storage and flow restriction for surface water. They were also responsible for the design of the manhole cover slabs, the private access road, and for the Section 184 works.

The construction team inspected all of the foundation and drainage excavations as well as the construction of the road to ensure compliance with the cost effective and approved designs. Approvals of the works were gained from the NHBC, Severn Trent Water, the Environment Agency and Leicestershire County Council.

Each element of GRM worked together to provide a fast, cost effective integrated solution preventing costly delays, misunderstandings between consultants, additional fees or over design.

KEY FACTS

- ▶ 5 high specification, luxury detached dwellings with garages
- ▶ GRM provided a total development package involving all of its teams

