

Case study 16:

Residential development — Factory Road, Hinckley for JA Ball New Homes Ltd



KEY FACTS

- ▶ 24 new homes including the conversion of a factory into apartments
- ▶ Site investigation for foundation design and contamination assessment
- ▶ Full structural and infrastructure design



Overview

This redevelopment in Hinckley involved all of GRM's teams. It comprises of 24 plots, made up of new build houses and the conversion of an old factory into apartments.

The geotechnical team carried out the site investigation whilst the environmental team assessed the contamination issues, formulated the remediation strategy and gained regulatory approval for it.

The structural team gave advice on the reuse of the factory and on the demolition works for the rest of the site so that the building of new units did not interfere with the conversion of the factory. The foundation team designed the foundations of the new build units, making sure that the type and depths specified did not damage adjacent structures or services.

The infrastructure team met the challenge of designing the foul and surface water drainage systems. This meant having to deal with the requirements of the local sewerage undertaker, the location and level of the existing drains and the restrictions on finished site levels imposed by the planning authority.

The construction team inspected the onsite construction works to confirm to the regulators and the client that GRM's safe, cost effective and practical designs had been followed to ensure technical compliance and prevent cost over runs.

GRM provided the client with the solutions they needed for development of this complex site.