

Berkeley Homes Southern Ltd

Sector: Housing Development

Value: Approx. £60k

Date: 2010

Services Supplied on this Project:

- Design and Scoping of an Intrusive Investigation;
- Trial Pitting;
- Cable Percussion Boreholes
- Window Sampling;
- Rotary Drilling;
- Monitoring Well Installation;
- Geotechnical Assessment
 - Foundations (Residential Development)
 - Foundations (On Site Bridges and Associated Structures)
 - Earthworks Suitability and Classification
 - On Site Highways
 - Soft Ground Engineering Options
 - Slope Stability
 - Off-site Earthworks
 - Off-site Bridge Structure Foundations;
- Geo-Environmental Assessment
 - Contamination Risk Assessment for Human Health, Controlled Water and Built Environment
 - Ground Gas Risk Assessment;
- Technical Support to Other Technical Disciplines on Submission of Design Documentation.

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We Value:
Quality
Health and Safety
Environmental Management
Sustainability
Equal Opportunity



The Project

Geo-Environmental undertook an investigation on behalf of Berkeley Homes for a proposed major new residential development in Horsham, which included housing, public open space, balancing ponds, on site highways and bridges, off-site highway improvements to existing infrastructure, a new grade separated junction on a dual carriageway and a new footbridge crossing an existing dual carriageway.

The project had a number of challenges including the scale and range of assessments required, presence of multiple buried trunk services crossing the site, access constraints, land under control of several parties and the need to minimise any disruptions to the nearby dual carriageway.



Expertise

Geo-Environmental was able to provide a broad range of technical knowledge combined with communication with the Client and other members of the design team to facilitate the timely delivery of information to support the design and development of the scheme.

Benefits

Geo-Environmental not only understands the role it plays on complex projects but is also able to work closely with other technical disciplines to support their role and thus help Client's to achieve their objectives. Through detailed planning of the investigation and the development of bespoke Health and Safety Plans, Geo-Environmental's approach was to minimise disruption both on-site and to the public who were using the local infrastructure and services in the area. It is always Geo-Environmental's aim to help our clients minimise financial exposure and environmental incidents by thoroughly identifying risk and creating a plan to design these out, or suggest effective mitigation strategies. Geo-Environmental were able to provide geotechnical and environmental services which suited the specific site constraints and achieve these goals.



Geo-Environmental

Excellence in Geotechnical and Environmental Services

We are a trusted supplier of choice for Geotechnical and Environmental Services for our customers by delivering consistent quality and reliability, taking seriously our obligations to operate safely and sustainably, valuing and supporting our workforce and delivering value for money for our customers.