

Rushby Brewster

Sector: Retirement/
Nursing
Homes

Value: Approx. £3K

Date: 2011

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

Geotechnical Engineering
Environmental Consultancy
Site Investigations

Borough Voaduct London Palace Elm Brighton Spinnaker Tower Portsmouth

Services Supplied on this Project:

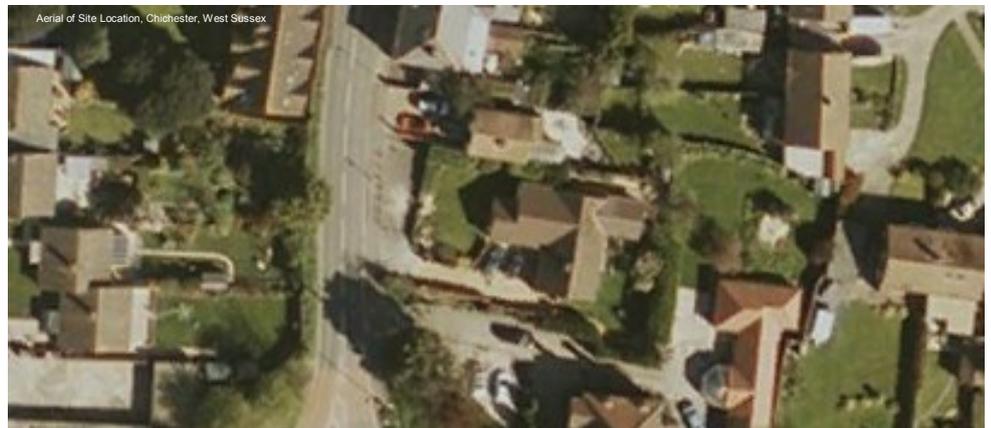
- A site walkover survey of the site, set-out and supervision of the field works.
- Window sampling.
- Trial Pitting
- Groundwater monitoring standpipe.
- Gas and groundwater monitoring.
- Geotechnical testing.
- Falling Head Test
- Chemical analysis of soil samples.
- The provision of an interpretive report including a desk study and an assessment of environmental issues pertaining to the site and its redevelopment.

28 Crescent Road, Brighton,
East Sussex, BN2 3RP
Tel: +44 1273 699399
www.gesl.net

The Project

Geo-Environmental Services Limited was instructed by Rushby Brewster Associates on behalf of Lotus Care Group to undertake a geotechnical and geo-environmental ground investigation at Abbas Combe Nursing Home.

It was understood that the proposed redevelopment was to comprise a large three storey extension to the northern elevation of the existing care home.



What did we consider?

The initial investigation was to comprise a desk study of geotechnical and environmental factors pertaining to the site, including a review of available historical maps, and an examination of other available sources of geo-environmental information.

The objective of the risk assessments was to evaluate plausible pollutant linkages with respect to the proposed development, adjacent land uses, and the wider environment.

The subsequent Phase II ground investigation assessed the likelihood that soil and groundwater contamination would be present on the site, associated with the identified on and off site land uses. In addition, the investigation assessed the chemical quality of any Made Ground/infilled Ground and any associated potential gas and vapour risk.

What did we do?

Based on the plans for the building, the historic usage of the site and the risk assessment the five window sampling boreholes were positioned to provide broad coverage of the proposed new structure.

At the time of the investigation some buildings on the site were still occupied, so positions were located around these buildings.

On completion of the investigation the results were summarised in our ground appraisal report, which provided advice on foundations, soakaways, gas protection measures, waste disposal and any other remediation that was required.

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.



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