



Utility Clearance & Mapping

Whether it's a petrol station, an oil refinery, a city centre, an airport, a railway line, a cliff edge or a prestige car plant, we can locate buried structures and services just about anywhere you can imagine. We can accurately identify and map underground apparatus and services in accordance with HSG47: *Avoiding dangers from Underground Services*, so you can be confident that your risk management plan is based on high quality, precision data.

We use up-to-date sub-surface scanning technologies, so there's no need to use intrusive methods. The RD8000 cable locator is used to locate and map buried metallic services, whilst Ground Penetrating Radar (GPR) is a particularly cost-effective and fast method of getting real-time precision depth and position data about non metallic services and underground storage tanks.



Service Detection and Marking Out

We locate and accurately position - including taking depth measurements - the pathway of buried utilities on site prior to excavation and construction. Services are marked on the ground in chalk or paint depending on the sensitivity of the site.

Utility Clearance Mapping

We provide an accurate and comprehensive picture of all the utilities within the survey area. Typically, a CAD drawing is produced which accurately identifies and indicates the position of all known services, including depths. We'll use all available utility record information, including statutory plans.

For further details please contact: Gary Simpson gary.simpson@geoeng.co.uk Or visit our website www.geoeng.co.uk



Borehole Clearance

Using RD8000 and GPR, we can safely locate and clear all known services prior to drilling boreholes.

Robust Surveys

Considered by many to be the best practice approach, this survey provides the most accurate picture of a site. Typically used on more complex sites, such as petrol forecourts, this service involves the following techniques:

- Gathering and analysis of statutory / public records and drawings.
- Production of a CAD topographical base plan of the site.
- Deployment of electromagnetic techniques and GPR to locate and map metallic and non metallic services.
- Production of a topographical base plan of the site, issued in AutoCAD and PDF formats.

Our staff are trained to high standards, including training and certification with the following schemes: SPA, CSCS, BESC, National Grid and Streetworks. They work quickly and safely and won't disrupt traffic flow or restrict access to facilities.

We also offer:

Drainage surveys, CCTV drainage surveys, vacuum extraction, cross-sections, desk top searches and cable route design.