

Surveys We Provide

⊘ About Us

Landform Surveys provide a comprehensive range of surveying services throughout the UK. Using the latest technology allied to traditional survey techniques, we can conduct a variety of surveys to suit client requirements.

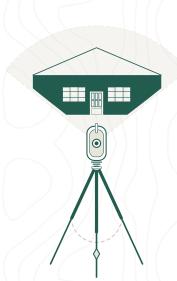
Our Surveys



Topographic Surveys

design process.

A topographic survey maps the boundaries, manmade and natural features, and levels of a site, and is the first step in the process for the sites development. Other constraining factors such as highways and buildings adjacent to the site are also surveyed to aid the



Measured Building Surveys

A measured building survey involves the surveying internally and externally of buildings or structures. It can include a variety of outputs ranging from a basic floor plan to a detailed 3D building model.



Elevation Surveys

Using laser scanning technology, elevations of buildings, bridges and other structures can be accurately surveyed, and can be used in conjunction with our measured building surveys to produce an accurate model of a building.



Monitoring Surveys

Monitoring surveys are used to determine any shift or movement in a structure over time, and can be measured to sub millimetre accuracy.



Volumetric Surveys

Volumetric surveys can be accurately calculated to establish stockpile volumes, extraction quantities, and volumes of earthworks etc.



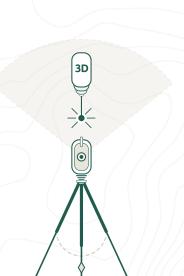
Setting Out

Setting is the process of establishing specific reference points, usually during the construction phase of a project, to ensure that the building elements are positioned accurately and in their designed position.



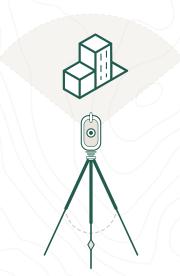
Quarry & Mineral Surveys

Used to determine mineral extraction, stockpile volumes, royalty calculations and planning requirements.



3D laser Scanning

3D laser scanning are surveys that capture data via lasers, which can then be used to produce floor plans, elevations and cross sections as 3D renderings.



BIM / Revit Surveys

BIM/Revit surveys allow for the consistent capture and storage of point cloud data, which can then be used to produce for 3D models and surveys.



Utilities Surveys

A utilities survey is a non-invasive way to locate the position of buried services using radio and radar techniques prior to site works commencing.



Drone Surveys

Landform Surveys offers drone surveys to acquire aerial data and produce surveys for difficult to access areas, such as quarries. This makes surveying accessible to areas that were previously too expensive or out of reach.



Flood Risk Assessments

With climate change becoming an ever larger social and economic concern, flooding is projected to increase across the UK. A flood risk assessment helps property developers and owners to make informed decisions towards minimising risk.

Steps of a survey

1. Discussions with client

Discussions with client to determine type of survey needed, specific requirements, accuracies attainable, deliverables, and any possible problems or limitations in the implementation of the survey. Suggest additional items which may be beneficial to the client.

3. Out in the field

Or a river, a road, an industrial site, a property, anywhere requiring accurate detailed survey information. Our surveyors ensure all information required is picked up, and often a bit more if they consider it will be useful to the client.

5. Using the Results

The survey produced is then used in a variety of ways, including site design, planning, project costing, and legal documentation. There are a number of surveys that can be prepared, each with their own end use.

2. Preparation for Survey Confirm access arrangements and contact

landowners, prepare risk assessments and method statements. Arrange site inductions if required and prepare any other documentation required. Prepare briefing document for surveyor outlining specific survey requirements.

4. Back in the Office

Our surveyors process their own surveys to ensure all information picked up in the field is documented on the survey. Once completed the survey is checked by senior staff for presentation and accuracy before forwarding on to the client, along with any information the client may find useful in the ongoing development of the site.

⊘ Case Studies



> Lidl UK GmbH

have worked with Lidl UK for over 15 years, and have been heavily involved in their expansion programme in the UK. **ELEVATION SURVEY USED**

MEASURED BUILDING SURVEY View the full case stuff on our

website.

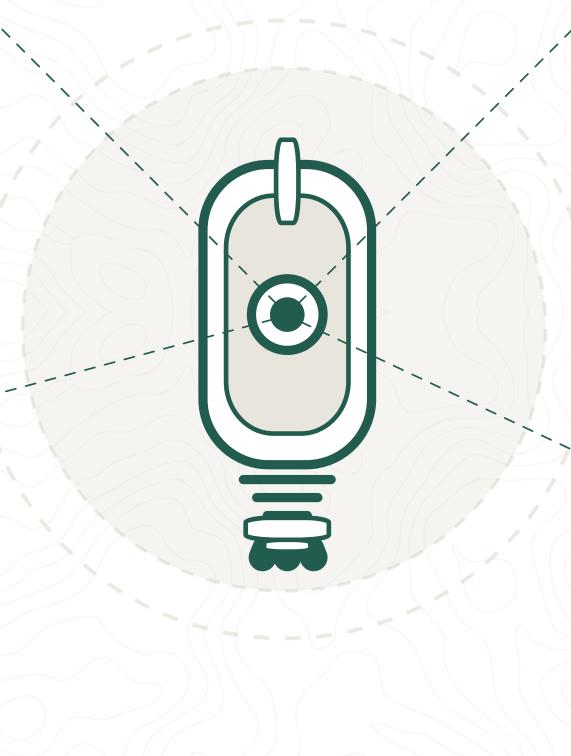


with the Estates Office of The **Northumberland Estates for** many years, and provided the topographic survey for the planning of The Alnwick Garden at Alnwick Castle. We recently carried out a survey around the **Treehouse Restaurant for** further development of this stunning building.

TOPOGRAPHIC SURVEY USED

View the full case stuff on our

website.



Capita - Flood Alleviation **Schemes**

Following extreme flooding

events in and around Newcastle in 2012, Landform Surveys were commissioned by Capita to produce topographic surveys of over 20 sites in North Tyneside to enable flood mitigation methods to be designed. **TOPOGRAPHIC SURVEY USED**

View the full case stuff on our

website.



Northumberland

commissioned by **Northumberland County Council** to produce topographic surveys and elevations of over 20 structures and bridges throughout Northumberland. **3D LASER SCANNING**

View the full case stuff on our website.