

Contractors

Pontefract and Pinderfields Hospital, PFI and P21 Scheme

Full Utility Location and Mapping

Client

Primary: Consultants and major construction contractors.
Secondary: Health Care Trusts



One of the old Victorian Blocks, Pinderfields Hospital, under demolition to make way for the new hospital.

Drivers/Benefits

A pre-excavation evaluation of both costs and risk associated with underground services present within the future excavation area.

40SEVEN Capabilities

Adopting non-invasive surveying techniques has a massive benefit to everyone and reduces the risk of injury to employees and inconvenience to the public. Information derived from Non-Destructive Technology (NDT) Surveys can be critical to ensuring that the hospital's services remain uninterrupted during the early works and construction stages and that all risks are minimised. By employing 40SEVEN's services at an early stage, cascading the derived information through all relevant parties involved in the project and then updating the surveys with newly laid or changed services information, the Hospital Trust will be able to achieve absolute best value for money from the initial expenditure and, in many cases, the surveys quickly pay for themselves.

NDT Surveys using both Electromagnetic and Ground Penetrating Radar (GPR) equipment are the essential element of pre-works site investigation in order to quickly and cost effectively avoid costly and potentially damaging strikes or unplanned interruptions to services

40SEVEN Services

Disruption to a working hospital's power or water supplies could be catastrophic, so when 40SEVEN were consulted to deliver a comprehensive Utility Location and Mapping Survey it was reassuring to know that the quality of our staff and the technology we employ benefit the requirement to minimise the unseen risks involved with excavating near buried utilities.

40SEVEN were contracted to carry out a comprehensive Utility Location Survey of a section of the re-development areas at both Pontefract and Pinderfields Hospitals in Yorkshire for the PPHJV consortia.

The initial surveys were carried out over a number of weeks prior to the commencement of early works projects. As some of the scheme was phased, 40SEVEN were asked to return to the Pinderfields site in Wakefield and carry out additional surveying to accommodate an amendment in the scheme's design.

Results were issued to the contractor in digital plan and hard copy formats for inclusion in their extensive drawing archive for sharing with other project members.

Summary

Utility Surveying is not a commodity service where one size does not fit all! Therefore, it is imperative that to achieve quality results 40SEVEN go beyond the client's basic specifications and ask the right questions to ensure that the returned data fulfils the project needs. This often results in surveys being tailored to ensure that the appropriate skill sets are assigned to the projects and that our other resources, such as Topographical Surveying, CCTV and GIS, are considered, where relevant.

The delivery of accurate utility drawings to any major construction project, where the buried infrastructure needs to be located and identified, is a key step to best practice.

If you are interested in finding out more about how we can help with your project, please contact us on t: 08450 179 300 or alternatively email: info@40seven.com.

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