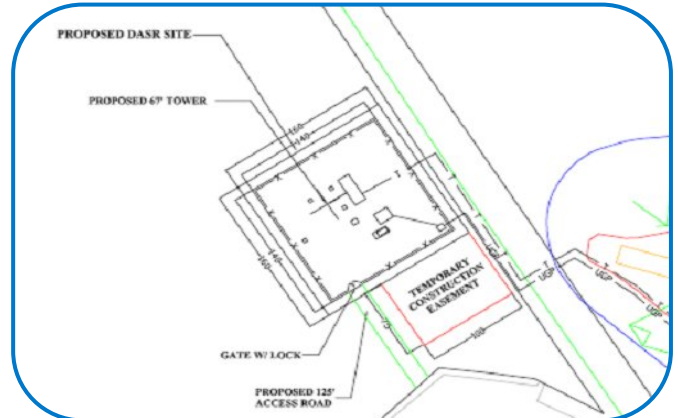


RAF Lakenheath, Suffolk

Our Services

- Intrusive Site Investigation
- Geotechnical Interpretative Report including foundation recommendations)
- Soil Resistivity Profiling



Geotechnical Site Investigation of Radar Foundations

A Digital Airport Surveillance Radar (DASR) constructed at RAF Lakenheath, required a geotechnical site investigation and interpretive report.

Two cable percussive boreholes were constructed for the assessment of geotechnical design parameters in the new tower foundation and equipment facility sites. An electronic survey was also carried out on site.

Groundwater was encountered at 6m below ground level and, therefore, not of concern to the building design and not monitored, for cost efficiency.

Foundation advice was given in light of the dense gravel encountered within the boreholes.

Client: Raytheon Ltd