

Service Profile



At Scott White and Hookins we offer a complete range of civil and structural engineering consultancy services to guide your project from start to finish.

As a company that prides itself on its friendly, innovative and transparent approach we are able to work as part of any team, delivering solutions and maximising value with creative thinking on all projects.

Our experience spans a wide range of markets working for both public or private clients. Projects include educational buildings, hospitals, supermarkets and retail parks, residential properties, research and laboratory facilities, office buildings, leisure centres and hotels, foot/road bridges and railway structures, as well as specialist structures.

Our structural engineers combine a wealth of specialist knowledge and technical expertise founded on many years of experience. We strive to ensure that sustainability is always at the forefront of our advice and design solutions, encouraging our clients to adopt energy efficient solutions wherever possible.

Analysis and Design

Our project portfolio extends from modern state of the art new build structures to refurbishment of historic buildings of all ages, ranging in size from large multi-million pound projects to small domestic properties.



We design using all traditional construction materials as well as new innovative techniques and are experts in steel frames, reinforced concrete, timber frames, load-bearing masonry and aluminium structures, providing viable and sustainable solutions for future generations.

We regularly undertake complicated analysis and design of structures such as antennae, masts, space frames, tensile, cable stayed, stressed skin, post-tensioned and or pre-stressed structures.

We use market leading computer based structural analysis and design software packages. These include finite element and space frame analysis programmes to model complicated structures.

3D Modelling and Detailing

We have invested in **Building Information Modelling (BIM)** Autodesk Revit Structural Suite software and training, in addition to the traditional AutoCAD and Microstation programs.

The use of such a mix of packages enables us to provide data and details in a wide variety of digital formats (including dwg, dwf, dxf, and Adobe pdf)

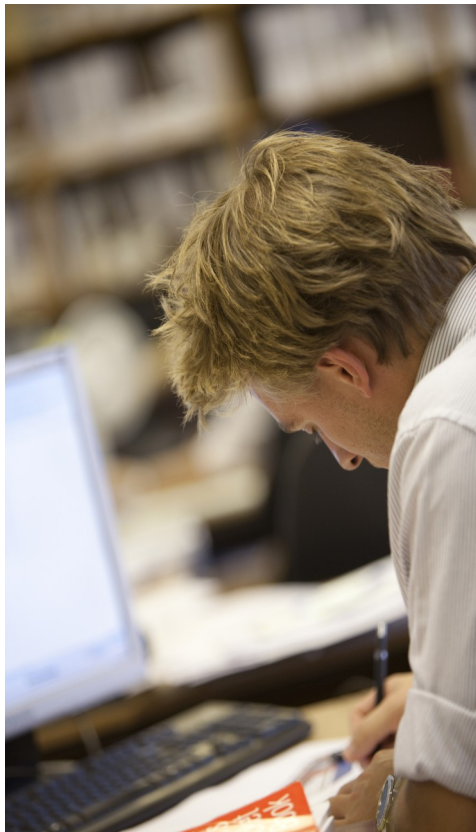
Scott White and Hookins are founding members and sponsors the London Revit User Group (LRUG).

Foundation Design

Ground conditions on all sites are different. Our expertise covers all types of structures from low rise to multi storey structures on difficult ground or with special design requirements. We offer a comprehensive design service from specification of the ground investigation, through to assessment of viable options and final design for the sub-structure and earthworks.

Inspections and Reports

We regularly undertake inspections and investigation of existing buildings or structures, to appraise and report on their condition, or implications of any proposed change which may affect the structure. Our reports are presented in an accepted format for presentation to insurers and institutions and focus on the engineering aspects of the building or structure.



Temporary Works

As structural designers we are sometimes asked to extend our design to include temporary works support for the structure during the construction phase. This might include specification and method statements for the installation of needle props, shoring, bracing, and other measures for lateral support and stability of a structure during its construction. For foundations and ground works we are able to advise on viable temporary support techniques to overcome stability and ground water problems.



Specialist Structures

We have many years experience dealing with specialist structures and materials, providing solutions for Temporary demountable stage structures, Lattice trusses, Space frames, Glasshouses, Unit roof/floor beams, Structural Aluminium, Masts and Towers, Bridge, Highway and Railway structures.

Interested?

Want to find out more about how we can make your next project a success?

Give us a ring at any of our office locations, or simply drop us a line at info@swh.co.uk

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Flood Risk
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