

Policy

Building Information Modelling (BIM)

Scott White and Hookins LLP (SWH) is a construction consultancy practice, providing civil and structural engineering and related services from three regional offices in Bedford, Winchester and London.

Our practice has used 3-dimensional (3D) computer systems to model, design, and analyse structures since the early 1980's. In 2008 we started to use Building Information Modelling (BIM) software, such as Autodesk REVIT, and setup a BIM working group to oversee the implementation and coordination of BIM across the practice.

We have adopted Autodesk REVIT and Civils 3D as our platforms for producing object-based design and construction models 3-dimensionally. We use the latest versions of this industry standard BIM software allowing us to output our information in a wide variety of digital formats. This ensures compatibility with other design team members, contractors and supply chain partners. If required, we can operate within a Common Data Environment (CDE), allowing collaboration across the whole project team, helping to identify potential co-ordination issues early in a project.

We aim to offer BIM to our clients on any project, in line with the Governments BIM strategy for the construction industry. On suitable projects we can adopt BIM Level 2 principles for collaborative working and information management, to industry standard procedures as defined by PAS 1192-2:2013. For these projects we will provide project specific information for the BIM Execution Plan (BEP) to assist the lead consultant/contractor to satisfy Employer's Information Requirements (EIRs). Within the BEP we can advise on objectives and deliverables often included in the Master Information Delivery Plan (MIDP); information exchange formats and the appropriate Level of Detail (LOD) provided at any given stage in the project.

We believe that BIM is a key tool for the successful delivery of projects. It provides us with greater visualization, co-ordination, clash-detection and optimization of our designs, whilst working in a collaborative environment with the rest of the design team.

The partners of SWH are committed to continuing the development of BIM within our Practice by using appropriate staff, resources and training, ensuring we progress and continue to deliver a high-quality service to our clients and construction team partners.

Partner Responsible	Last reviewed	Next review
Douglas Alcock	March 2018	March 2019