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Equate Design Ltd. BIM Policy

Equate Design believe BIM can offer much more to the construction industry than 3D modelling or the application of new and innovative technologies. BIM is the vehicle which must drive our collaborative approach and supporting behaviours of all project stakeholders and our supply chain members. This will guarantee the right information is made available to the right people, at the right time, to enable effective and efficient decision making.

Our teams exploit the technology and work processes associated with BIM to enable collaborative designs in the Rail, Highways and General Civil Engineering Sectors. Project information shall be secured in a Common Data Environment (CDE) that can be shared amongst the internal teams and external stakeholders. The model can contain any physical and functional characteristics of a project, such as structural details, geometry, aesthetics, materials and systems & dynamic performance. We can utilise the potential of BIM to streamline our processes and procedures, including:

- Health & Safety
- Communication & Engagement
- Design Review
- Site Logistics Methodology
- Constructability Review
- Mobile Field Applications
- Performance Analysis
- Design Development (3D)
- Programme Validation (4D)
- Cost and Procurement (5D)
- Digital Handover(6D)

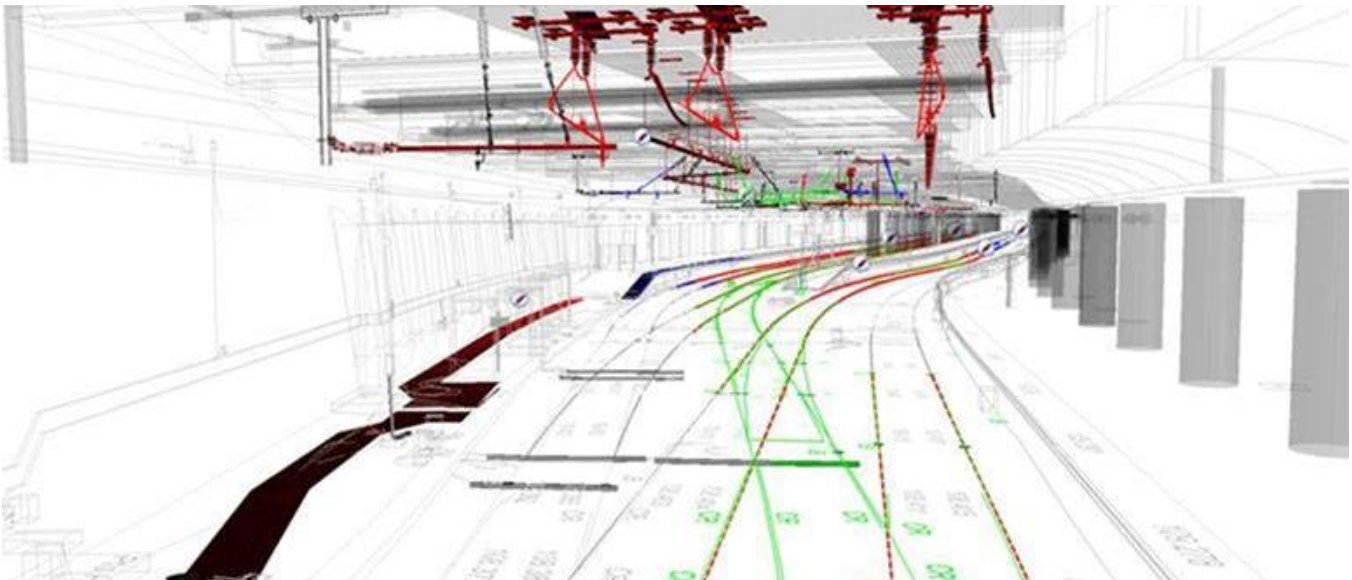
At Equate Design, BIM is already changing the way we work, making us more collaborative and efficient, leading to greater certainty and value added at every phase of a project, from design through construction and operation, to sustainable demolition. The realisation of these benefits results in enhanced risk management, streamlined construction programmes and cost efficiencies across the business. BIM allows Equate Design, its design partners, developers, contractors and other stakeholders to exchange information and undertake reviews more efficiently and allows all parties to make well informed decisions in a timely manner.

Equate Design are committed to:

- Reviewing opportunities at the inception of any project, identifying potential BIM implementation opportunities
- Assessing the capability of our supply chain, engaging them early and assisting them to allow the benefits of BIM to be harnessed across the industry

- Continuously driving, evolving and challenging our practices to get the very best outcomes for our clients
- Ensuring our project teams are engaged, trained and provide the BIM resources to deliver our projects
- Providing the right tools and supporting technological infrastructure

Our BIM Strategy ensures that BIM Coordinators are assigned to each project to ensure compliance with the project BIM requirements. Our BIM Coordinators manage the information exchange, design coordination, design reviews and clash avoidance utilising the various discipline models.



Equate Design delivers works that are fully compliant with BS 1192:2007+A2:2016 and are experienced in sharing project information within a CDE, such as ProjectWise. Our policies and procedures are formalised in an Information Management System (IMS) under which we work. The IMS also contains our BIM Execution Plan templates which outline how we deliver BIM on our projects. At a project level, the BIM Execution Plan is developed with our clients and any other stakeholders to align with project specific requirements. The project specific BIM Execution Plan will then be included to form part of the overall Project Execution Plan.

This Policy and our BIM Strategy is reviewed annually and its implementation is sponsored and monitored by the Equate Design Engineering Manager / BIM Lead – Shaun Cartledge.