

BUILDING INFORMATION MODELLING (BIM) OF NEW STRUCTURES

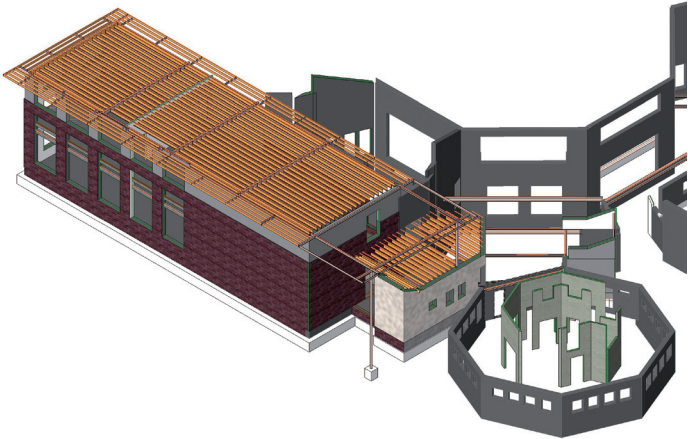
Government strategy is to use BIM on all public sector building projects by 2016 to improve value, cost and environmental performance through a more integrated and collaborative approach to design, procurement, construction and the operation of our buildings and infrastructure.

BIM is not just 3-dimensional design but at its heart is a computer-generated model containing all graphical and tabular information about the design, construction and operation of the asset.

Glanville has invested in AutoCAD Revit software and training to be able to provide this service to clients. We have successfully completed a project to extend and refurbish Didcot Civic Centre using this technology, in association with the entire design team.

Contact: John French, Didcot Office

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BUILDING INFORMATION MODELLING (BIM) OF EXISTING STRUCTURES

Glanville has recognised not only the benefit of BIM for new design but also for managing the development and refurbishment of existing buildings and structures.

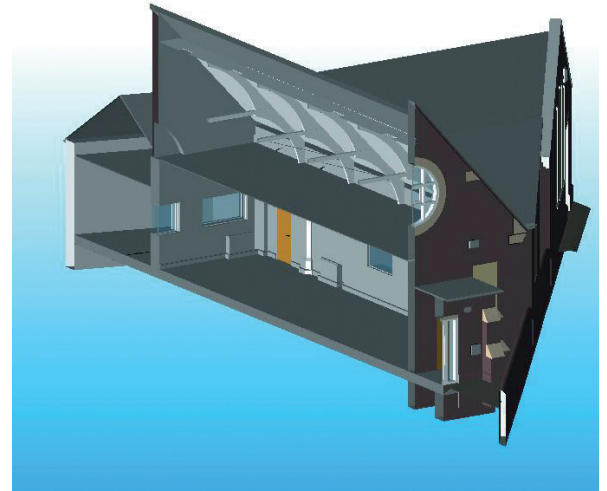
Our survey department has invested in the latest laser scanners which can capture accurate and intelligent 3D data very fast.

This data can be processed and converted into accurate Revit models and output to suit client's specific requirements.

A recent project is the refurbishment of a community centre in Guildford. The building was scanned completely in just one day, generating 2GB of survey data.

Contact: Chris Edge & John Hallett-Jones, Didcot Office

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Structural Engineering



Civil Engineering



Transport and Highways



Geomatics (Land Surveying)



Building Surveying