

Case Study : CAD-to-BIM

Project : Nymans, National Trust Property

Requirement : Detailed Building Model

Data : 2D AutoCAD DWGs

Deliverable : 3D Revit model

Commissioned by the owner of a historic building, Benchmark were selected to create a 3D model of Nymans, a National Trust Property. Hearing about the benefits of BIM and 3D modelling, our client wanted to use the model to enhance the visitor experience, as an asset management tool of the property and grounds and to help give them a more coordinated approach to the design of new facilities at the property.

Our brief was to:

- Create a detailed 3D Revit building model from 2D AutoCAD drawings supplied by the client. These drawings were created from a measured building survey.
- We were required to pay close attention to the uneven walls, floors and ceilings and the complex design features of the handcrafted stone window frames.
- Deliver a Revit *.rvt file to the Estates Team responsible for the asset management of the property and grounds.

