

# AEC (UK) BIM Protocol for Bentley AECOsims Building Designer Model Validation Checklist

*Implementing UK BIM Standards for the Architectural, Engineering and Construction industry.*

Version 2.0

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A checklist for model validation.

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<b>ABD Model File Details</b>	
Model Name	
Date	
Prepared By	
Approved By	

Model Preparation provides a guide for preparing the model prior to validation. The list can also be referred to for continued model management.

<b>Model Preparation</b>	
Check model file name conforms to standards	<input type="checkbox"/>
Validate DataGroup Catalogs and scan for orphaned instances	<input type="checkbox"/>
Verify Families & Parts	<input type="checkbox"/>
Check that all DataGroup items, Parts and Cells conform to standard naming conventions	<input type="checkbox"/>
Check that all content is in the correct reference and conforms to standards	<input type="checkbox"/>
Check model is correctly assembled through visual inspection	<input type="checkbox"/>
Fill in WIP issue sheet if required (see "Model Transmittal Form")	<input type="checkbox"/>
Update Model Matrix if required	<input type="checkbox"/>

Update revision in file properties	<input type="checkbox"/>
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Validation of the model provides a guide for certifying the model file for issue, the intention being that the recipients of the model know that the file is fit for use and will not require additional work to fit within the project framework.

## Validation of Model

Open Container model and remove unfound and non-transmittal references	<input type="checkbox"/>
Remove all unrequired Callouts / Extractions / Views / Design, Drawing and Sheet Models / Schedules / Images from all files	<input type="checkbox"/>
Compress Container file and all references	<input type="checkbox"/>
Set all Dynamic View attachments to be Cached in all Drawing Models	<input type="checkbox"/>
Save file to publish folder with same name, retaining all references (do not merge)	<input type="checkbox"/>