

# AEC (UK) BIM Technology Protocol for GRAPHISOFT ARCHICAD Template Checklist

*Practical implementation of BIM for the UK Architectural, Engineering and Construction (AEC) industry.*

Version 2.0

January 2016

Updated to reflect current working practices and software application.

# *AEC (UK) BIM Technology Protocol for GRAPHISOFT ARCHICAD Template Checklist*

This document provides a checklist of items for consideration when setting up a GRAPHISOFT ARCHICAD template.

<b>Attribute Manager</b> (Options > Element Attributes > Attribute Manager)	
<b>Layers</b>	<input type="checkbox"/>
<b>Layer Combinations</b>	<input type="checkbox"/>
<b>Pensets</b>	<input type="checkbox"/>
<b>Pens &amp; Colors</b>	<input type="checkbox"/>
<b>Line Types</b>	<input type="checkbox"/>
<b>Fill Types</b>	<input type="checkbox"/>
<b>Composite Structures</b>	<input type="checkbox"/>
<b>Profiles</b>	<input type="checkbox"/>
<b>Building Materials</b>	<input type="checkbox"/>
<b>Surfaces</b>	<input type="checkbox"/>
<b>Zone Categories</b>	<input type="checkbox"/>
<b>Cities</b>	<input type="checkbox"/>
<b>MEP Systems</b>	<input type="checkbox"/>
<b>Operation Profiles</b>	<input type="checkbox"/>

## Project Preferences

<b>Working Units</b> (ArchiCAD > Project Preferences > Working Units)	<input type="checkbox"/>
<b>Dimensions</b> (ArchiCAD > Project Preferences > Dimensions)	<input type="checkbox"/>
<b>Calculation Units</b> (ArchiCAD > Project Preferences > Calculation Units)	<input type="checkbox"/>
<b>Calculation Rules</b> (ArchiCAD > Project Preferences > Calculation Rules)	<input type="checkbox"/>
<b>Zones</b> (ArchiCAD > Project Preferences > Zones)	<input type="checkbox"/>
<b>Construction Elements</b> (ArchiCAD > Project Preferences > Construction Elements)	<input type="checkbox"/>
<b>Levels &amp; Project North</b> (ArchiCAD > Project Preferences > Levels & Project North)	<input type="checkbox"/>

## Renovation

<b>Renovation Filters</b> (Document > Set Renovation Filter > Renovation Filters)	<input type="checkbox"/>
<b>Renovation Override Styles</b> (Options > Element Attributes > Renovation Override Styles)	<input type="checkbox"/>

## Floor Plan Settings

<b>Floor Plan Cut Plane Settings</b> (Document > Floor Plan Cut Plane Settings)	<input type="checkbox"/>
<b>Floor Plan Scale</b> (Document > Floor Plan Scale)	<input type="checkbox"/>
<b>Partial Structure Display</b> (Document > Partial Structure Display)	<input type="checkbox"/>

## Navigator

<b>Project Map</b> (Window > Palettes > Navigator > Project Map)	<input type="checkbox"/>
<b>Story Settings</b> (Design > Story Settings)	<input type="checkbox"/>
<b>Worksheets</b> (View > Navigate > Worksheets)	<input type="checkbox"/>
<b>3D Document Settings</b> (Document > 3D Document > 3D Document Settings)	<input type="checkbox"/>
<b>Filter Elements in 3D</b> (View > Elements in 3D View > Filter Elements in 3D)	<input type="checkbox"/>
<b>3D Window Settings</b> (View > 3D View Options > 3D Window Settings)	<input type="checkbox"/>
<b>PhotoRendering Settings</b> (Document > Creative Imaging > PhotoRendering Settings)	<input type="checkbox"/>
<b>3D Projection Settings</b> (View > 3D View > 3D Projection Settings)	<input type="checkbox"/>
<b>Element Schedules</b> (Document > Schedules and Lists > Schedules > Scheme Settings)	<input type="checkbox"/>
<b>Component Schedules</b> (Document > Schedules and Lists > Schedules > Scheme Settings)	<input type="checkbox"/>
<b>Surface Schedules</b> (Document > Schedules and Lists > Schedules > Scheme Settings)	<input type="checkbox"/>
<b>Project Indexes</b> (Document > Project Indexes > Index Settings)	<input type="checkbox"/>
<b>Element Lists</b> (Window > Palettes > Navigator > Schedules > Lists > Elements (right click) > Set Up List Schemes)	<input type="checkbox"/>
<b>Component Lists</b> (Window > Palettes > Navigator > Schedules > Lists > Components (right click) > Set Up List Schemes)	<input type="checkbox"/>
<b>Zone Lists</b> (Window > Palettes > Navigator > Schedules > Lists > Zones (right click) > Set Up List Schemes)	<input type="checkbox"/>
<b>Views</b> (Window > Palettes > Navigator > View Map)	<input type="checkbox"/>

<b>Master Layouts</b> (Window > Palettes > Navigator > Layout Book > Masters)	<input type="checkbox"/>
<b>Layouts</b> (Window > Palettes > Navigator > Layout Book > Layouts)	<input type="checkbox"/>
<b>Publisher Sets</b> (Window > Palettes > Navigator > Layout Book > Publisher Set)	<input type="checkbox"/>

## Model View

<b>Model View Options</b> (Document > Set Model View > Model View Options)	<input type="checkbox"/>
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## Info

<b>Project Info</b> (File > Info > Project Info)	<input type="checkbox"/>
<b>Project Notes</b> (File > Info > Project Notes)	<input type="checkbox"/>
<b>Project Preview</b> (File > Info > Project Preview)	<input type="checkbox"/>
<b>Session Report</b> (File > Info > Session Report)	<input type="checkbox"/>

## IFC

<b>IFC Manager</b> (File > File Special > IFC2x3 > IFC Manager)	<input type="checkbox"/>
<b>IFC Scheme Setup</b> (File > File Special > IFC2x3 > IFC Scheme Setup)	<input type="checkbox"/>
<b>IFC Options</b> (File > File Special > IFC2x3 > IFC Options)	<input type="checkbox"/>
<b>Smart Merge Options</b> (File > File Special > Smart Merge Options)	<input type="checkbox"/>

## Tool defaults

**Tool defaults** (Window > Palettes > Toolbox)

## Favorites

**Favorites** (Window > Palettes > Favorites)

## Miscellaneous

**Drawing Manager** (Window > Palettes > Drawing Manager)

**Element ID Manager** (Document > Schedules and Lists > Element ID Manager)

**Find and Select Criteria Sets** (Edit > Find & Select)

**Grids & Backgrounds** (View > Grid & Editing Plane Options > Grids & Backgrounds)

**Light Parameters** (Camera > Sun > Light Parameters)

**Location and Date** (Camera > Sun > Location and Date)

**Magic Wand Settings** (Options > Magic Wand Settings)

**Mark-up Styles** (Window > Palettes > Mark-Up Tools > Corrections > Style)

**PhotoRendering Settings** (Document > Creative Imaging > PhotoRendering Settings > Scene)

**Quick Options** (Window > Palettes > Quick Options)

## Help

**Documentation** (Help)

**Weblinks** (Help)

*Note:*

*This document does not include Work Environment Profiles (WEP) and Libraries, which are considered to be aspects that are related or attached to templates but not specifically setup within the template itself. Work Environment Profiles and Libraries should be considered alongside any template development.*