

# Known Issues

## Revit Architecture 2009

### Rendering

- Revit® Architecture 2009 software contains a new rendering engine that makes major changes to the previous workflow. See the Revit Architecture 2009 Feature Summary, What's New in This Release, and Help documentation for information and instructions.
- Currently, Decal bump image maps fail to import at the correct scale for cut-outs.
- The Plant Height parameter does not scale the nested component correctly (RPC Content).
- When rendering an *uncropped* 3D view, geometry may appear shifted. Workaround: turn on crop region for the view.
- For lights, the "Emit from Line Length" parameter may not work properly unless the user has Soft Shadows enabled.
- Non-English builds of Revit currently display RPC ID's instead of names for downloaded RPC Content.

### Upgrading very large files from previous versions of Revit

- Upgrade of some very large Revit files (~200 MB and greater) may cause Revit Architecture to crash by exceeding the maximum memory usage allowed by the operating system. Please contact Autodesk Support.

### The *Front* orientation in ViewCube in a published DWF

- Currently, if the *Front* orientation in ViewCube™ software is changed from its default setting in Revit Architecture, the change will not be reflected on the ViewCube in a published DWF™.

### Fill Patterns

- Fill Patterns can now be applied to most surfaces (including warped planes), however:
  - Only patterns on planar surfaces can currently be moved or rotated.
  - Some complex surfaces may exhibit undesirable anomalies (such as areas of missing pattern).
- Currently, detail components do not support aligning fill patterns to the element

### Dimension Text Overrides

- For a multi-segment dimension string in which one of the dimensions had a dimension text override, adding a new segment to the string causes the override to disappear.

### **Dimension Type Text Sizes**

- Dimension Types lose their previous Text Size changes when a Duplicate Type is created.

### **Mass Floors in Groups**

- Currently, when binding a link containing Mass Floors, they will disappear because they cannot be placed into groups.

### **Far Clip Parameter and Linked Files**

- While Linked files can now be displayed By Linked View in Sections, Elevations, and 3D views, the Far Clipping Parameter in Section and Elevation views will always display per the Host view's settings and NOT by the Linked View's settings – even when the Link is set to display By Linked View.

### **Slab Shape Edit**

- After clicking Pick Supports for a sloped slab, changing the Curved Edge Condition to “Project to Side” causes the shape edit to fail for some curved edges. A temporary workaround is to delete the offending curve.

### **Room Bounding Instance Parameters**

- Currently, not all room bounding elements (e.g. in-place ceilings and in-place floors) have an on/off Room Bounding parameter.

### **Foundation Extensions**

- Openings do not participate in the Foundation Extensions feature, only Inserts.

### **Large DWG Imports**

- DWG™ imports with entities further than two miles apart (after scaling) may cause accuracy issues. Very large DWG imports should be subdivided into smaller files.
- DWG imports with coordinates (before scaling) longer than ten digits may be truncated to zero and become corrupted.

### **Concrete End Joins**

- New behavior is limited to Concrete Beams with the following properties:
  - Rectangular Sections with Cross Sectional Rotation that equal 0, 90, 180, and 270 degrees.
  - Trapezoidal, T-shaped, and L-Shaped Sections with Cross Sectional Rotation that equal 0 degrees.
- Sections that do not qualify within these properties will exhibit old behavior.
- Shape Handles are not available for elements participating with new behavior.
- Type parameter changes will not automatically update concrete join geometry.

### **Automatic Join Geometry**

- Hierarchical joining rules between element categories cannot be changed, e.g. Slabs always cut Columns when using Join Geometry.
- Automatic Join Geometry does not occur between Wall and Slab categories.
- It is not possible to disable automatic Join Geometry, but joins can be manually un-joined.
- Joined geometry may impact performance.

### **Hidden Lines**

- On-screen display of hidden lines may not match vector output (e.g. Print, Export) in some cases.
- Some edges of Wall ends will not show as hidden.
- All Edges of slab edge will show as hidden in a Plan view if obstructed by the Slab.

### **Beam Extension and Mitering at end Join**

- Mitering non-Concrete Beams is limited to 2 Beams of the same type within the same plane.
- Lines within the Beam family (e.g. hidden lines) will not Trim/Extend to the miter plane.
- Beam shape handles do not participate in extensions.
- Edit Beam Join editor is not available when a concrete beam is participating in the end join.
- Beams that have been mitered at any time during their life will be cut by the Cut Plane in Plan Views using Medium/Fine Detail Level.

### **Worksharing Monitor**

- The Worksharing Monitor tool may behave incorrectly if the Local (or Central) File names contain dots other than the dot before the .rvt extension.

### **DWF Markups**

- Markups made in Design Review with the Freehand Markup tool do not import into Revit with properties.

### **Spellchecking**

- Microsoft Office 2007 dictionaries for English, German and Spanish are currently incompatible with Revit. You can still use the provided Autodesk dictionaries or install an earlier version of Microsoft Office to use the older Microsoft dictionaries.

### **Previous Release Known Issues**

For Known Issues from previous releases that still exist in Revit Architecture 2009, please [click here](#).



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