

Known Issues

Revit Structure 2009

Wall Foundation end adjustment

- The Wall Foundation property “Do Not Break at Inserts” will not have any effect on holes created by Opening elements, it only works with instances (like Doors) that can be inserted.

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.
 - Beams must have constant profiles (non-tapered, non-twisted)
 - No member in the join may be sloped.
 - Only beams lying in horizontal work-planes.
- Beams that don't meet the criteria listed above will exhibit old behavior.
- Upgraded files will exhibit old behavior until a new beam is added to the join.
- Shape Handles are not available for elements participating with new behavior.
- Type parameter changes will not automatically update Concrete join geometry.

Automatic Join Geometry

- Hierarchal 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.

Rebar

- While placing Rebar, temporary dimensions and snapping is unavailable.
- Rebar cannot be placed unless the element is cut and the workplane is within View Range, except for Slabs and Walls.
- Standard Rebar will not join to fillets of stirrup/tie rebar.

- Angular constraints are not allowed in Rebar Shape definitions.
- View regeneration may be slow in Views using Fine level of detail with a large number of Rebar elements within View Range.
- Rebar can only be placed or sketched when a Rebar Family is loaded in the project.
- Family parameters cannot be added to Rebar Shape Families.
- New Rebar functionality only pertains to newly created elements. Rebar elements created in prior versions will exhibit old behavior.
- Area and Path Reinforcement type parameters no longer exist for newly created elements, therefore no identity data parameters exist for these elements.

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.

Metal Deck

- Metal Deck profile at the projected face of Openings may not align with the Metal Deck profile of the Slab.
- Metal Deck may not be shown correctly for some curved projected faces.

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. Temporary workaround: delete the offending curve.

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.

Beam Annotation

- Only one Spot Elevation Type can be used by the tool at one time.
- Spot Elevation Types and Structural Framing Tags must have the Type parameter “Rotate Component” enabled to be available in the drop down.

Dimension Text Overrides

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

Dimension Type Text Sizes

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

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

Far Clip Parameter and Linked Files

- While Linked files can now be displayed By Linked View in Sections, Elevation 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.

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.

Upgrading very large files from previous versions of Revit Structure

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

Rendering

- Revit® Structure 2009 software contains a new rendering engine that makes major changes in the previous workflow. See the Revit Structure Feature Summary and Help documentation for information and instructions.
- When rendering an *uncropped* 3D view, geometry may appear shifted. Workaround: turn on crop region for the view.
- Non-English builds of Revit currently display RPC ID's instead of names for downloaded RPC Content.

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 Structure, the change will not be reflected on the ViewCube in a published DWF™.

Worksharing Monitor (for Autodesk Subscription customers only)

- 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 releases Known Issues

- Download or get more information about the previous releases Known Issues, please [click here](#).



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