

1. Can I Bold (or Italicise or underline) just one word in a text paragraph.

Highlight the word and press the appropriate icon for Bold, Italic or Underline.

2. Highlight the word and press the appropriate icon for Bold, Italic or Underline.

Use the Opening / Shaft Opening tool

3. Can I create a stair that runs from Level 1 to 10.

If the floor to floor height is the same, create the stair from Level 1 to 2 and select the Multi Storey Top Level as level 10.

4. Can I create a Conical Roof

Draw a roof by footprint. Select the curved sketch segments and set the number of full segments parameter to 0.

5. Can I add a custom edge to my floor

Modelling / Host Sweep / Floor Slab Edge. You will need to firstly create a profile for the edge, using Profile Families. You can use Join geometry to clean up line work if necessary.

6. How do I copy all my doors or windows from a level to numerous other levels.

Highlight all the doors (or windows) using the filter tool. Edit/Copy to Clipboard. Now Edit / Paste Aligned ? Select Levels by name. Select the desired levels.

7. Can I schedule individual items that are nested in a host family.

When you nest the items, make sure to check the " Shared "parameter under Tools / Family Category and Parameters.

8. Can I graphically change the ridge line of a roof.

Select the roof and use the ridge shape handle grip to adjust the height.

9. Can I lock doors to a fixed distance on the hinge side from an intersecting wall.

Dimension the jamb and select the lock icon. You can now delete the dimension if required and retain the constraint.

10. You want to show brace symbols in plan view, but the option is greyed out.

You must load the Annotation symbols for brace In Plan View. The symbols should be in the standard template file –

Open the standard template file and locate the symbols in the Project Browser _ Annotation Symbols. Save the Connection _ Brace family as external rfa files. Now load these families into your project and the Structural settings become available.

11. You wish to change the temperature of a Room, but the parameter is greyed out.

You must enable the Use Data in Energy Analysis option, found under the Energy Analysis section in the Room properties..

12. You wish to create a hydraulic system that uses two pieces of equipment.

Draw a pipe in an L shape from the piece that is already part of the system. The L shape will ensure that a fitting is provided in the pipe run. Select the second piece of equipment, right click – Add to System. Now select the fitting in the L shaped pipe run. Now delete the pipe and fitting.

13 . An elevation tag disappears when the crop region is selected.

The elevation cut plane has been moved outside the crop region limits. Adjust the crop region edges to intersect the elevation cut plane. If elements become visible that you wish to hide, apply a Masking region.

14. You create an existing, Demolition and a New phase.

When items are demolished in the demolition phase, they do not show correctly in the New Phase. Why ?.

The Demolish tool is phase specific. A record is kept of what phase an element is demolished in. Because the element was demolished in the phase prior to new and had an automatic infill to match its wall host, the infill is not effected by the addition of a door or window in the New Phase. The answer is not to have a specific demolition phase in most cases.

15. You wish to slope a building pad.

Sorry, you can't.

What you can do is to first place a pad with a thin structure (say 1 – 2 mm) and then place a floor with a slope set using the sloping functionality that exists within the Floor tool.

16. You wish to edit the linework of tree families in Revit

The linework is stored as a nested family. You can edit either the Conifer Base or Deciduous Base. You can also create a new representation (template), and then load it into the family to overwrite the used template.

To create a new tree family

1. Start with the *Metric Planting.rft* template.
2. Modify the *Conifer Base.rfa* or *Deciduous Base.rfa* file, and then load it into the tree family to overwrite the old definition.

You can download the template files from the web library under the Planting link in the sidebar.

17. You want to know if a dwg file was created in Revit

1. Open the DWG file in AutoCAD.
2. Enter Filter on the command line.
3. Select XDATA ID from the Filter drop-down list.
4. Click Select.
5. In XDATA ID list, look for an entry for Revit. If such an entry exists, then the file was created in Revit

18. You want to quickly load an Autocad hatch pattern in Revit

In AutoCAD, draw a rectangle or a circle.

Hatch the rectangle with the hatch pattern you want to load into Revit, and then adjust the scale accordingly.

Save the drawing.

Import the drawing into Revit.

Explode the drawing

The hatch will now appear in the Revit fill patterns. - Drafting

19. You wish to rotate a view, but not the model

Turn on the crop region. Select it and rotate it either using the graphic tool or by entering an angle on the Options Bar.

The crop region will remain set horizontal to the screen and the view will rotate - effectively in the opposite direction to the crop rotation.

20. You wish to rotate a view on a sheet.

Select the view and open its properties (View Properties).

There is a parameter available which allows the view to be rotated on the sheet to 90 deg clockwise or counter clockwise. – Graphics > Rotation on Sheet