

5 - Techniques to Improve Revit Family Creation

1. Stay Minimal

WHILE YOU MODEL GEOMETRY

It is suggested to have the detailed levels for elevations and plan representation and also have certain display options available on visibility settings. Bring to use the symbolic lines and also masking regions in place of geometry. Also try to stay minimal while you model geometry with the help of the defined visibility settings.

2. Do Not Over Model

LIMIT THE CREATION OF ASSEMBLIES

While creating assemblies make sure you have limited the creation of assemblies and parts in order to avoid the overloading of the model with all kinds of unneeded details. Make sure you only consider the important assemblies.

3. Limit Usage of Nested Families

USE LESS DETAILED AND PARAMETERIZED FAMILIES

With the correct usage of parameters and nested families there are huge chances of success while customising and building the families. But it is important that the usage of nested and parameterized families is only to the point it is necessary, as any overloading can lead to complexity which may make the product limiting and frustrating.

4. Use Families in Place of Group

GROUPS ARE MUCH POWERFUL THAN FAMILIES

Infographics are visual representations of data, making complex info easier to share and digest. When making your own, simply organize your images, charts, and text. Finally, cite your sources.

5. Avoid Over-Usage of Voids

BUILD ELEMENTS USING SOLIDS INSTEAD OF VOIDS

Voids can be considered to be of great use when they are utilised sparingly but they may impose penalties in terms of performance if they are used improperly or are overused. Many a time voids present the only way to model the elements accurately. However, it is suggested if possible try building the elements using solids instead of voids.