6.1 Families

The power of BIM and Revit lies in the ability to create 3-dimensional representations of building systems, furnishings, fixtures and equipment while accurately maintaining the key information stored within the elements. Following best practices for content creation will ensure the consistency, performance and accurate representation of product data.

Content should be created with the following considerations:

– Design Intent

    – How a family will be used in a project

    – Appropriate level of detail

    – Adequate number of types created

    – Flexible use of parameters

    – Accuracy - Complete, consistent presentation of product data

– Standards - Naming Conventions, Graphic Guidelines, Parameter Usage

– Performance - Content designed to minimize the performance impact on a project.

– Testing - Thorough testing of the family parameters and types independently and within the project environment.