

Metal Structured Media Enclosure

Using Leviton BIM Content in Revit®

Revit® Family:

Electrical_Equipment-Work_Area-
Leviton-MetalSME.rfa

Schedule File:

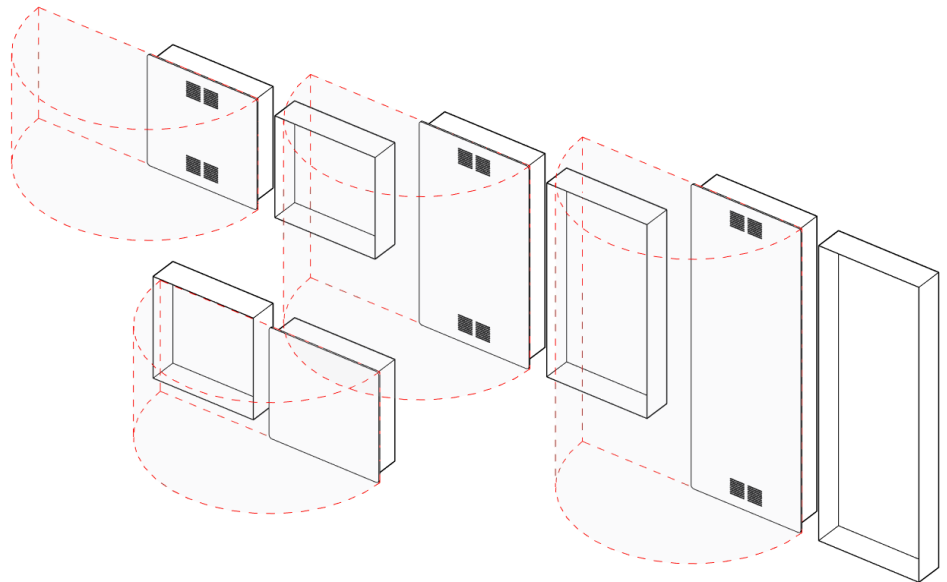
Schedule - Electrical_Equipment -
Work_Area-Leviton-MetalSME.rvt

Basic Features:

- Clearance Areas are supplied to assist in planning for adequate door clearance.

Loading the family into a project:

- The Revit® family may be loaded into a **Revit® 2016 or later** project through all traditional methods.



Features and Settings

These user configurable parameters may appear in a schedule if desired.

Instance Properties:

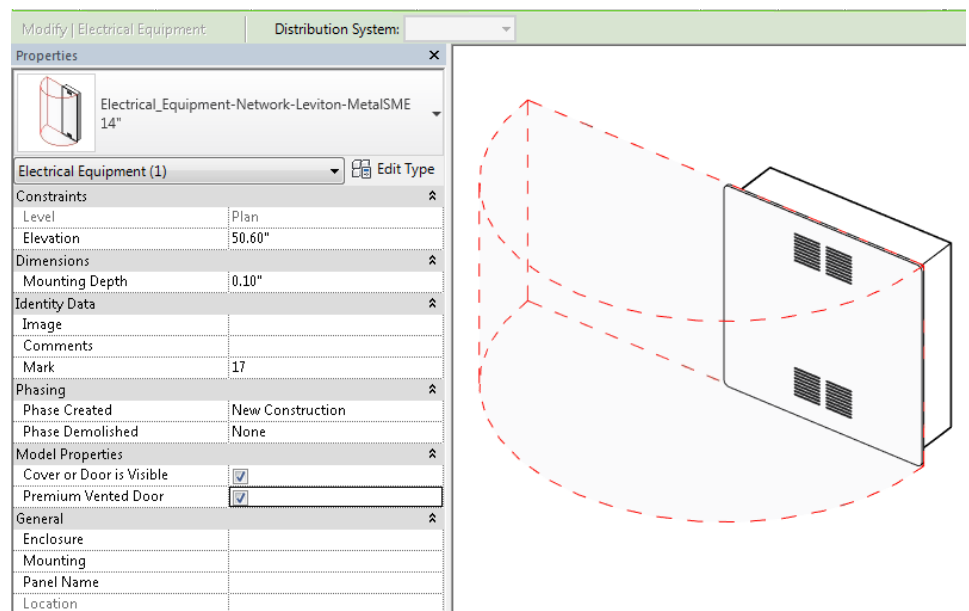
Model Properties

1. Cover or Door is Visible

Selected by default. De-select this to hide the door and show the contents of the enclosure. Clearance area is only shown when door is set to visible.

2. Premium Vented Door

If *Cover or Door is Visible* is selected, optionally select *Premium Vented Door* to show the Premium Vented version of the door.



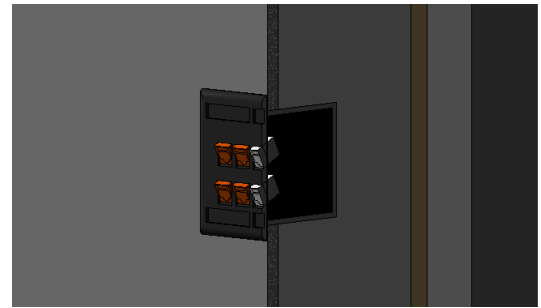
Instance Properties Palette

Advanced Techniques

Preconfigured Families:



In smaller projects, it is often simpler and faster to place a Revit family directly into a project file without the need for a common *parent* family file. However, if you often work with specific configurations, consider saving preconfigured families with only those types that you need loaded into a common *parent* family file. In some cases, this method may help improve performance and streamline the workflow.

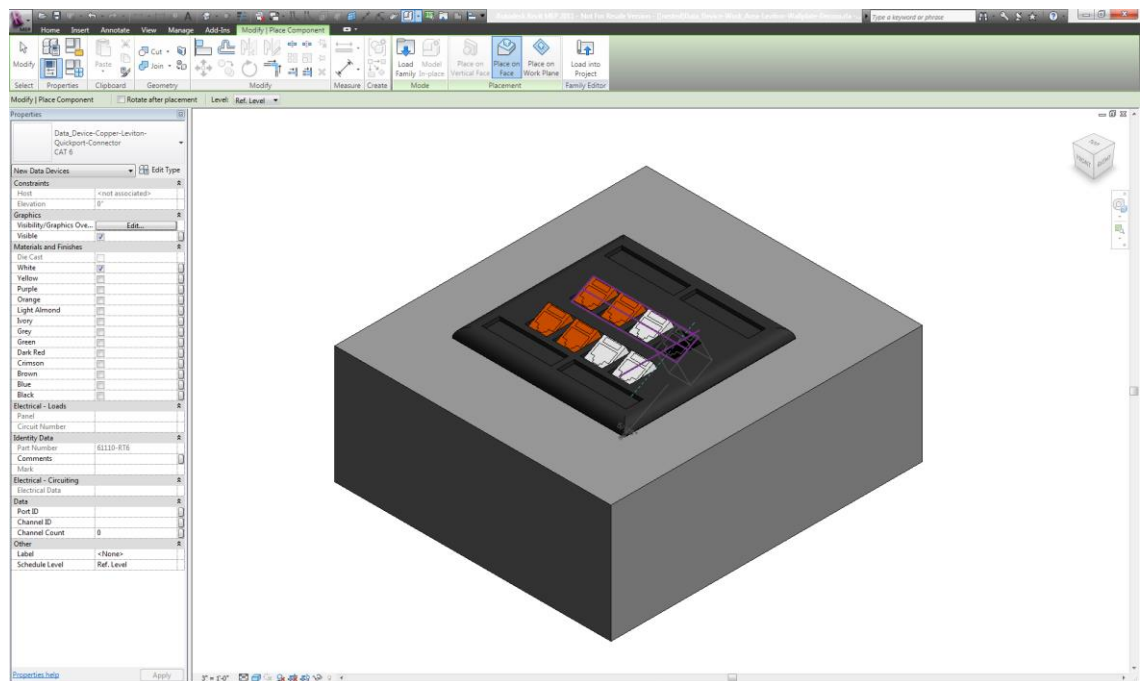


Section View of Preconfigured Wallplate in a Project

Building Preconfigured Families:

- When building preconfigured families, it is recommended to nest the desired Revit families in a parent Family file (not provided) instead loading these items separately.
- To build a preconfigured Family file:
 1. Create a new Family file. If using a template, a more flexible template is often preferable. For instance: *Generic Model face based.rft*
 2. Create additional preconfigured family files as desired to represent desired configurations.
 3. Load preconfigured families into target project file and place each instance as desired.

Note: While we encourage the use of a parent Family file, we do not supply one. This file should be custom built for the particular requirements of the project at hand.



Nested QuickPort Family