

Metal Structured Media Enclosure

Using Leviton BIM Content in Revit®

Revit® Family:

Electrical_Equipment-Work_Area-
Leviton-MetalSME.rfa

Schedule File:

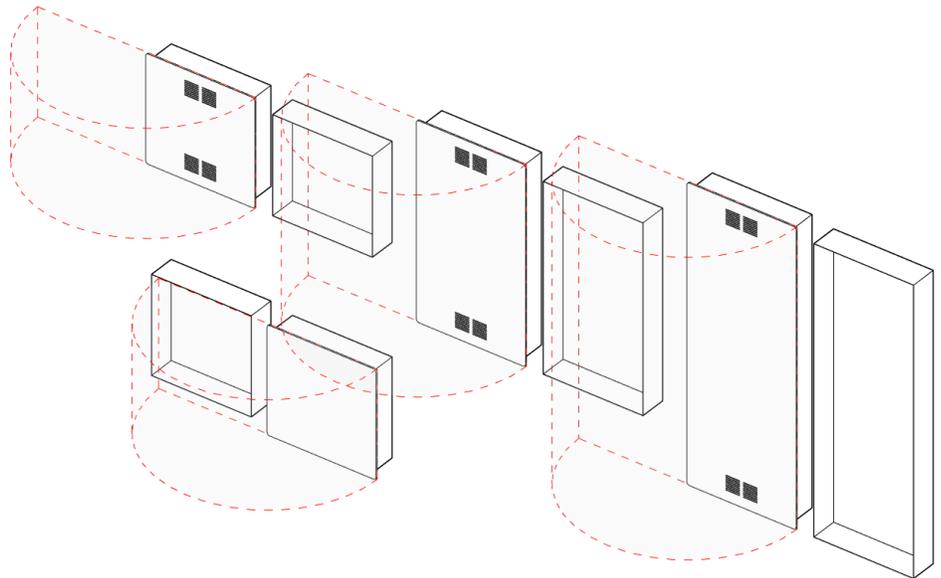
Schedule - Electrical_Equipment -
Work_Area-Leviton-MetalSME.rvt

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:

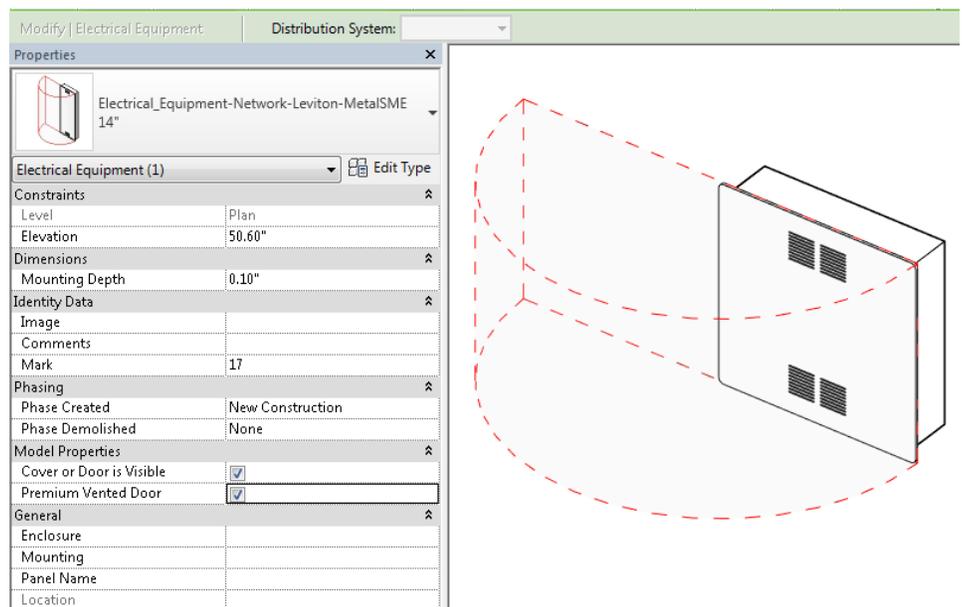
Model Properties

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.



Modify Electrical Equipment		Distribution System:
Properties		
	Electrical_Equipment-Network-Leviton-MetalSME 14"	
Electrical Equipment (1) Edit Type		
Constraints		
Level	Plan	
Elevation		
Elevation	50.60"	
Dimensions		
Mounting Depth	0.10"	
Identity Data		
Image		
Comments		
Mark	17	
Phasing		
Phase Created	New Construction	
Phase Demolished	None	
Model Properties		
Cover or Door is Visible	<input checked="" type="checkbox"/>	
Premium Vented Door	<input checked="" type="checkbox"/>	
General		
Enclosure		
Mounting		
Panel Name		
Location		

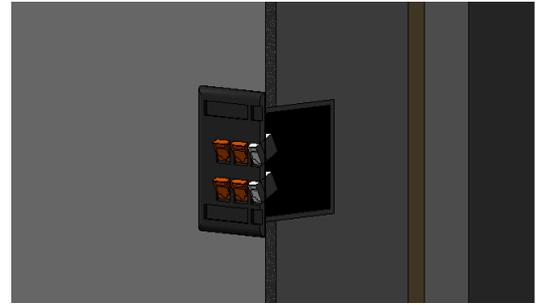
Instance Properties Palette

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.

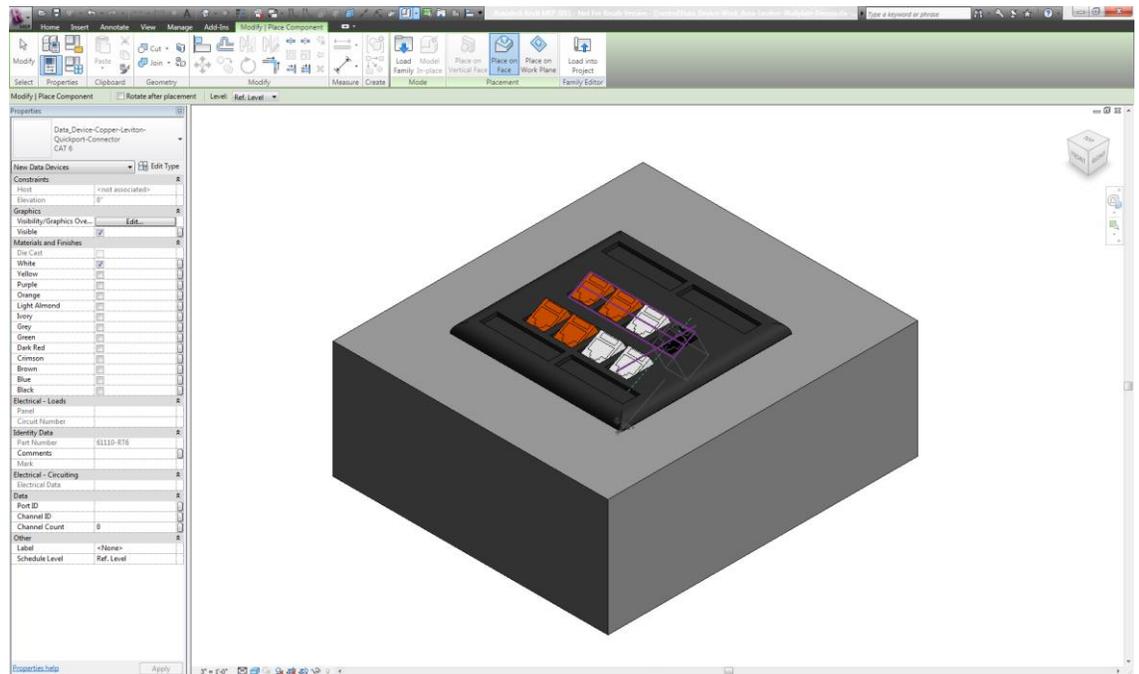


Section View of Preconfigured Wallplate in a Project

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