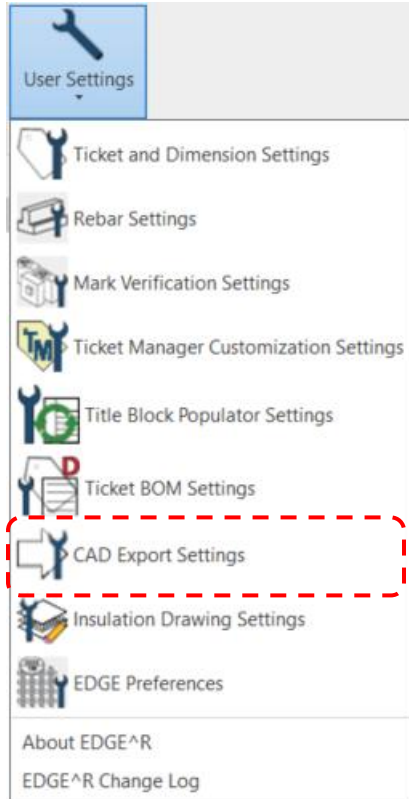


User Settings: CAD Export Settings



Programmed Result of Tool:

CAD Export Settings allows the user to customize the CAD Export and Insulation Export tools. It provides the ability to set default export settings path, file name suffix, and file type for each tool. The user now has full control over the layer name and color for each aspect of the Revit assembly exported by both exports with the ability to disable certain aspects, so they are not exported. With the added ability to determine how to represent embeds and lifting within CAD Export.

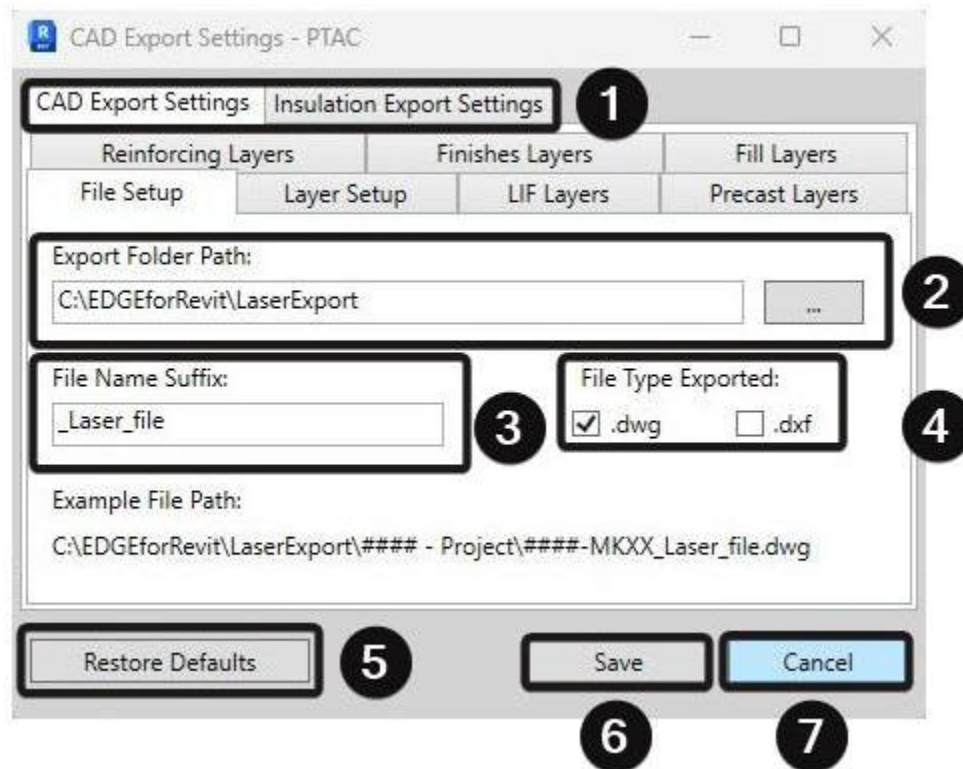
Steps to Perform tool Operation:

1. Select the CAD Export Settings tool under the User Settings drop-down.
2. The user edits the file setup and layer settings for the CAD Export and Insulation Export Settings
3. Click Save
4. Close the window.

The saved settings will be used when using the CAD Export and Insulation Export Tools.

User Settings: CAD Export Settings

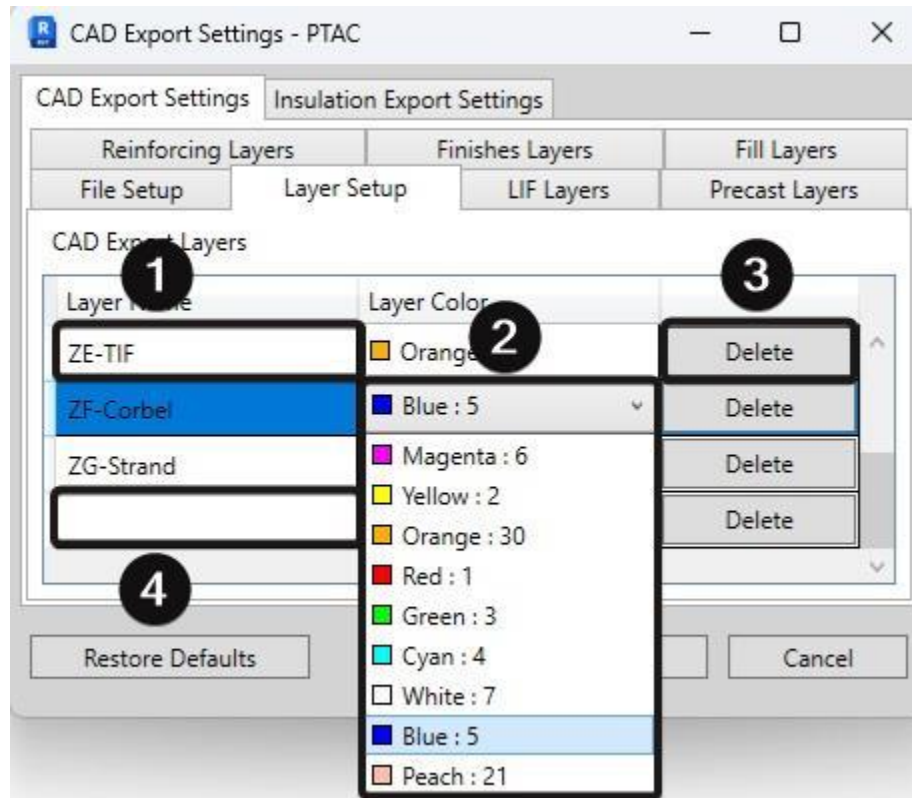
File Setup



1. CAD Export and Insulation Export Settings are separated under different tabs.
 2. The Export Folder Path is used to create export folders and files.
 3. File Name Suffix defines the suffix added to the filename of each file created.
 4. Select the file types to use on export files.
 5. Restore all settings under all tabs to default settings.
 6. Save all settings across all tabs for both tools.
 7. Close the tool without saving any edits made since the last save.
- File setup windows are identical for each tool but are separate settings that can differ from each other.

User Settings: CAD Export Settings

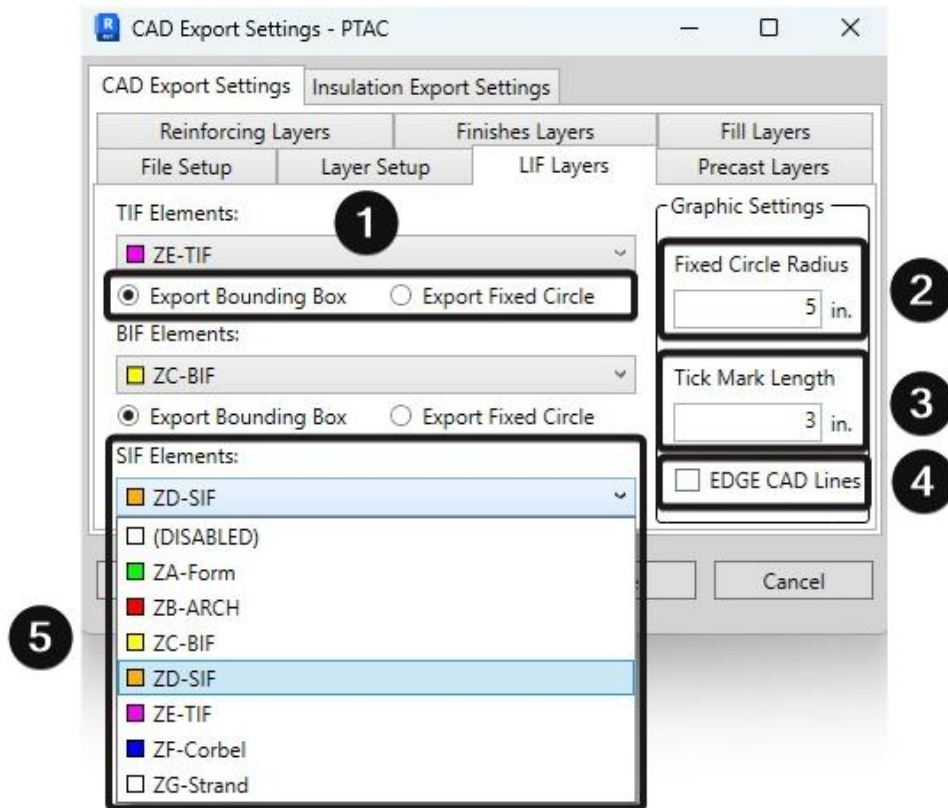
Layer Setup



1. Edit Layer Name – Name of layer as it will appear in the exported file.
 2. Select Layer Color – Color that the layer will appear as in the exported file.
 3. Delete Layer – Any export group with layer assigned will be disabled until another layer is assigned.
 4. Create New Layer – Select and edit blank layer.
- While the Layer Setup tab is identical for each export, they are separate settings and contain different lists of layers that can be used for the associated export only. This means the layers created within the CAD Export Settings tab cannot be assigned to layer groups within the Insulation Export Settings tab and vice versa.

User Settings: CAD Export Settings

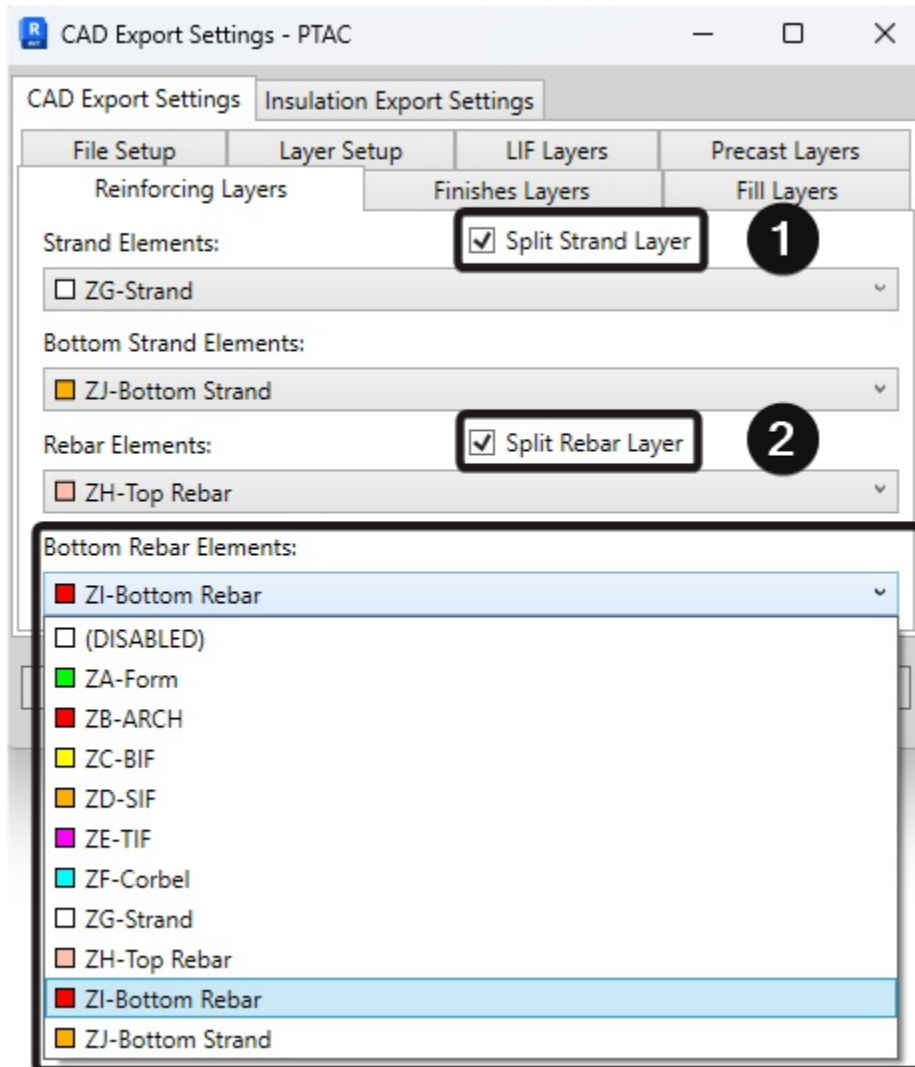
LIF Layers



1. TIF and BIF elements can be exported as an outline of their bounding box or a circle of fixed radius.
 2. Defines radius of fixed circle placed to represent TIF or BIF elements.
 3. Defines the length of the tick mark representing SIF elements.
 4. If the Enable EDGE CAD Lines option is checked, the CAD Export tool will export certain model lines within the element's family for TIF, BIF, and SIF elements.
 5. Assigns a layer defined in the layer setup tab to different element groups.
- The user can assign different element groups and aspects of the selected assemblies to layers defined in the layer setup tabs for both the CAD Export and Insulation Export. What is included in each group is defined in the CAD Export and Insulation Export help files.
 - When EDGE CAD Lines are enabled the CAD Export will export model lines with specific design styles within the element's family within the TIF, BIF, and SIF elements groups instead of a bounding box, circle, or tick mark. The style names and other information about EDGE CAD Lines can be found in the CAD Export help file.
 - If the family does not include EDGE CAD Lines but the setting is enabled, CAD Export will export the element as if EDGE CAD Lines setting is disabled according to other settings defined in the window above.

User Settings: CAD Export Settings

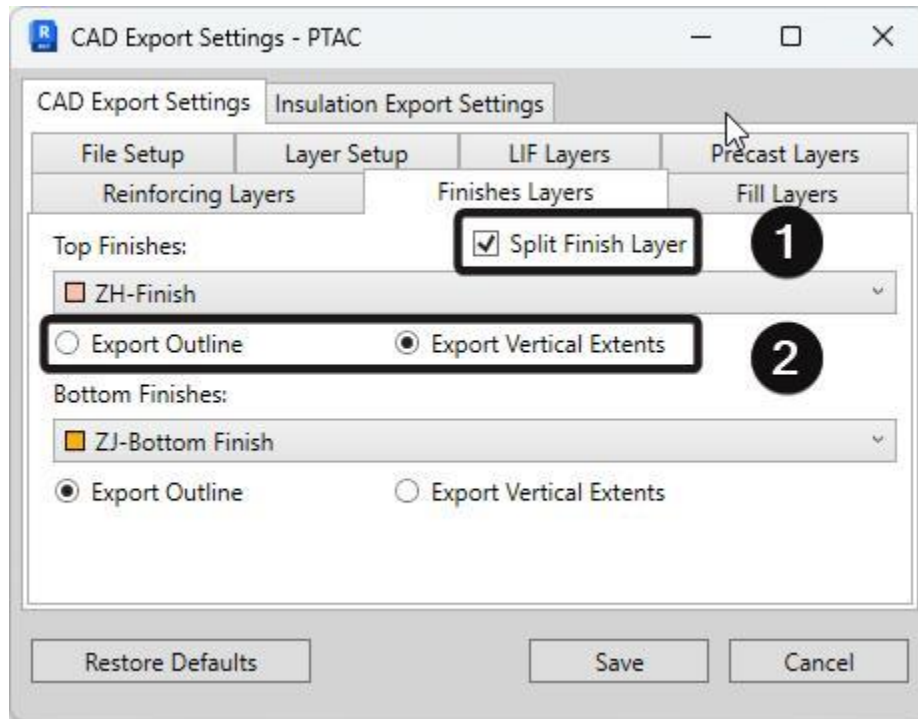
Reinforcing Layers



1. Splits the strand layers to top and bottom layers.
2. Splits the rebar layers to top and bottom layers.
3. Assigns a layer defined in the layer setup tab to different element groups.

User Settings: CAD Export Settings

Finishes Layers



1. Splits finish layers to top and bottom layers.
2. Finish elements can be exported as an outline of their bounding box or vertical extents of the element.