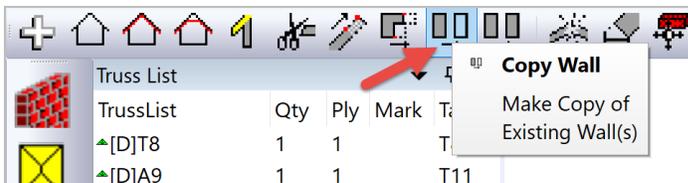# Copying Layout Elements in iModel

One advantage of IntelliVIEW is the various modifying tools in iModel to copy elements on a layout with ease. Along with individual copying tools on specific toolbars, we also use Modify Layout to move and copy entire sections of a layout on the same layer or to new layers.
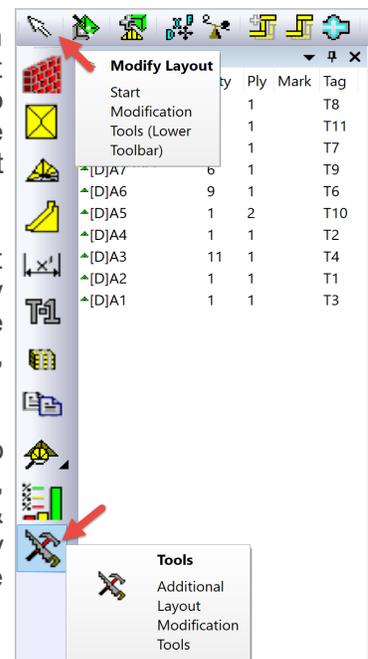

Individual editing tools are available on their designated toolbars in iModel. To copy only a wall or group of walls, use the Copy Wall function on the Walls toolbar.
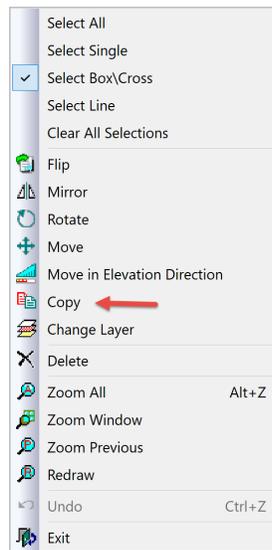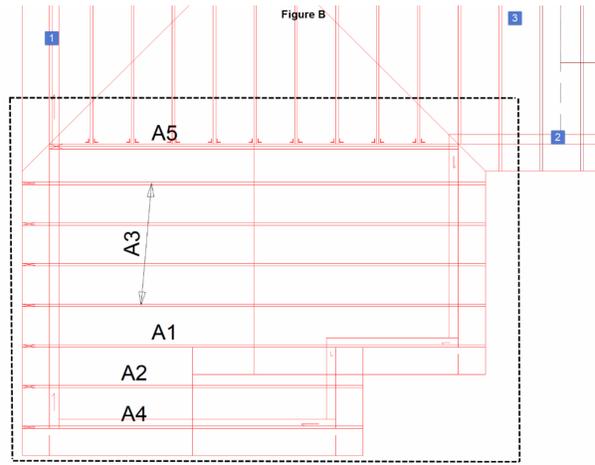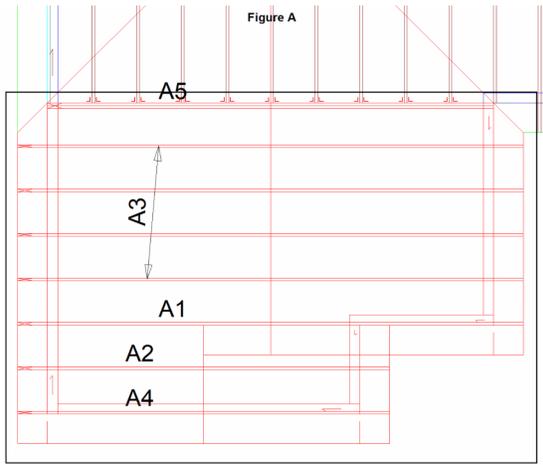
However, copying multiple elements can be tedious if completed by using individual tools. **Modify Layout** was designed to make this process easier.

On the vertical toolbar, select the Tools icon at the bottom, then select the first icon Modify Layout. This activates the box select mode on the mouse. Drag a box around the area that you want to copy. Other selection modes, such as single select and line select, are available by right clicking your mouse on the layout screen.

In *Figure A* the select box was drug from top left to bottom right (solid line); this selects only the elements that are completely encased in the box. While we are touching other walls and the trusses above the girder, since they are only partially covered, they are not selected.

In *Figure B* the select box was drug from the bottom right to top left (dashed line); this selects any element that is in the box, whether fully or partially covered. The walls outside the box (1 & 2), the plane (3) and the trusses above the girder are partially covered, so they are selected along with the elements inside the box.
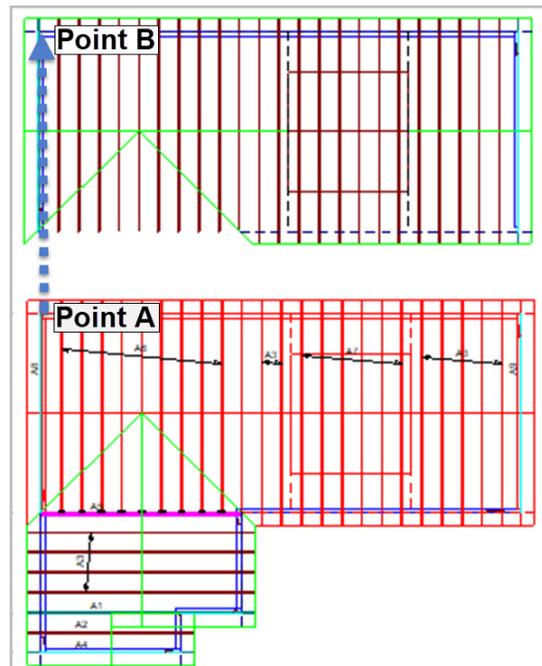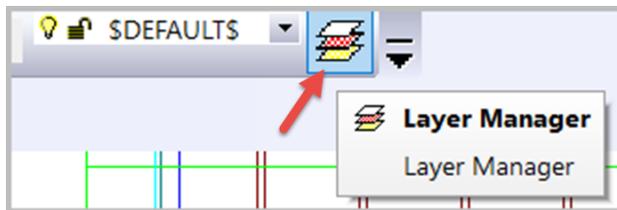
Figure A

Figure B

Once the elements have been selected, right click to see options or select options on the bottom toolbar. Select "Copy" and follow the prompt to "Enter the distance to move or click a point to move from."
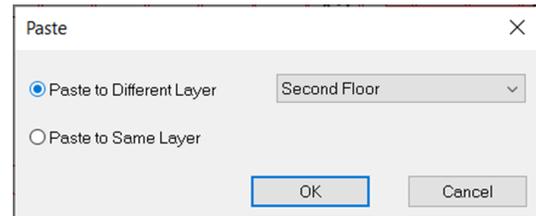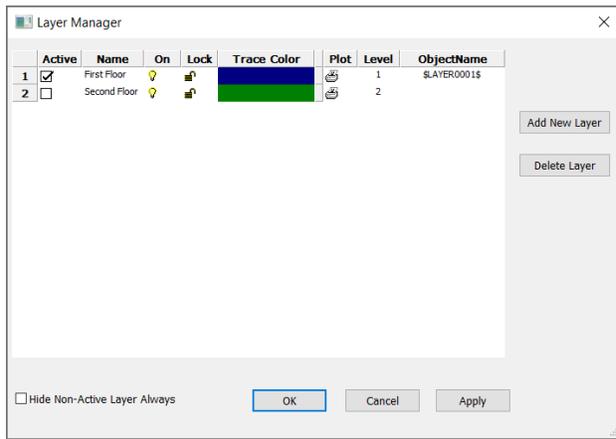

To add a second set of elements on the same layer (i.e. copying beside one another), either type in the distance to copy or click a from and to point. (Click or type distance from Point A to Point B).
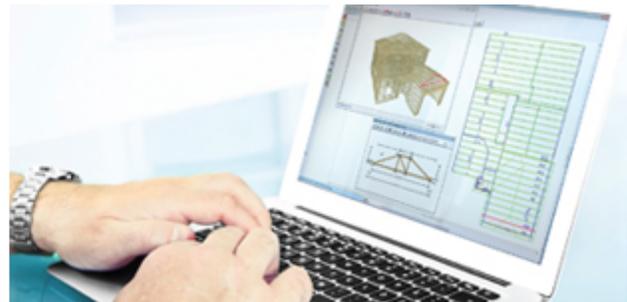
To copy the elements to another layer (i.e. from first floor to second floor), a second layer must be set up in the Layer Manager tool.

Click a corner on the layout as the copy from point, and then click the same corner as the copy to point. A dialog box will appear prompting whether to Paste to a Different Layer or Paste to Same Layer.

Point B

Point A

Layer Manager

	Active	Name	On	Lock	Trace Color	Plot	Level	ObjectName
1	☑	First Floor	💡	🔓		🖶	1	$LAYER0001$
2	☐	Second Floor	💡	🔓		🖶	2	

☐ Hide Non-Active Layer Always

Add New Layer
Delete Layer

OK   Cancel   Apply

Paste

○ Paste to Different Layer   [Second Floor ▾]

○ Paste to Same Layer

OK   Cancel

Often times, when working with commercial design, multi-family design or tract home design, elements and layouts are re-used. This same Modify Layout tool includes other tools that can assist like Mirror and Rotate.

ALPINE™
AN ITW COMPANY

We hope you found this topic valuable. If you have any questions or a suggestion for an upcoming article please email us at training@alpineitw.com.

For technical assistance, please call the Alpine Help Desk at (866) 237-2878.

Website   Products   Services   Resources   About   News & Events