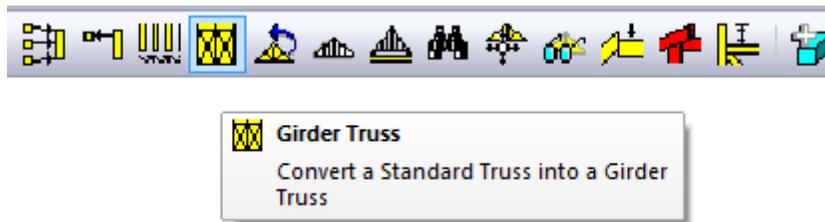


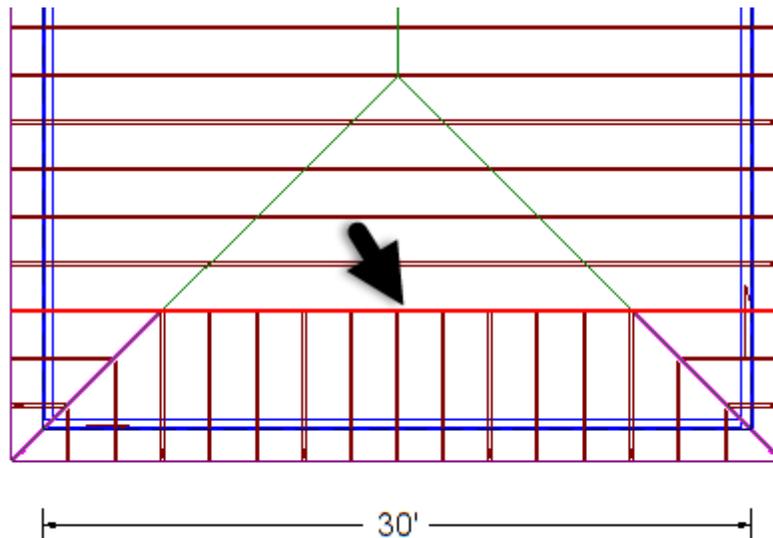
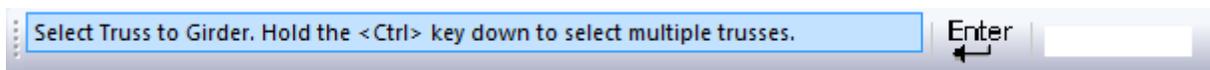
### Adding Girder Plies in iModel and iDesign

Girder trusses are a frequent occurrence in most designs. It is important for a designer to know how to adjust the plies on a girder to increase strength and stability. IntelliVIEW offers simple ways to adjust the plies in both iModel and iDesign.

In iModel, select the Girder Truss icon on the Truss toolbar.

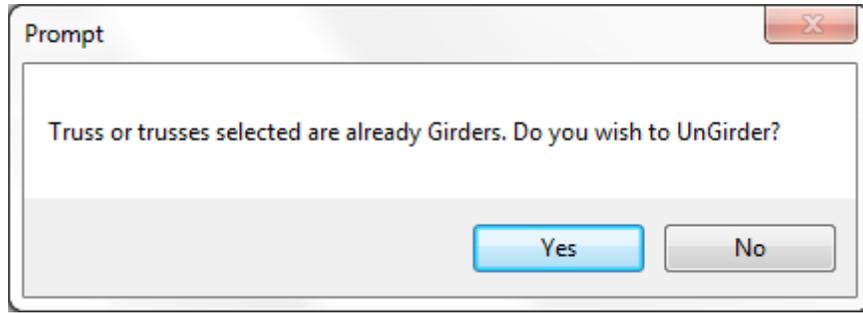


iModel will prompt "Select Truss to Girder. Hold the <Ctrl> key down to select multiple trusses." Select the truss to change.

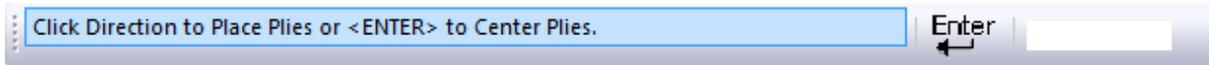


If the truss is already designated as a girder truss, it will first ask "Truss or trusses selected are already Girders. Do you wish to UnGirder?" When "No" is selected, it will

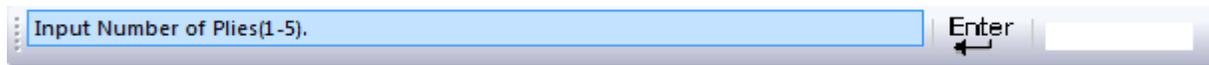
maintain the girder designation and begin the process to increase the plies.



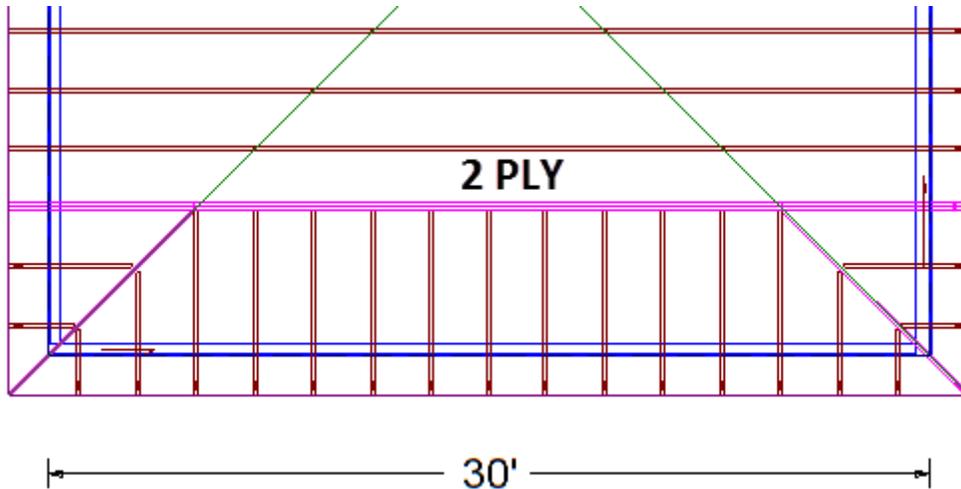
iModel then prompts "Click Direction to Place Plies or <ENTER> to center plies." Left mouse click the layout to indicate a direction or press your Enter key.



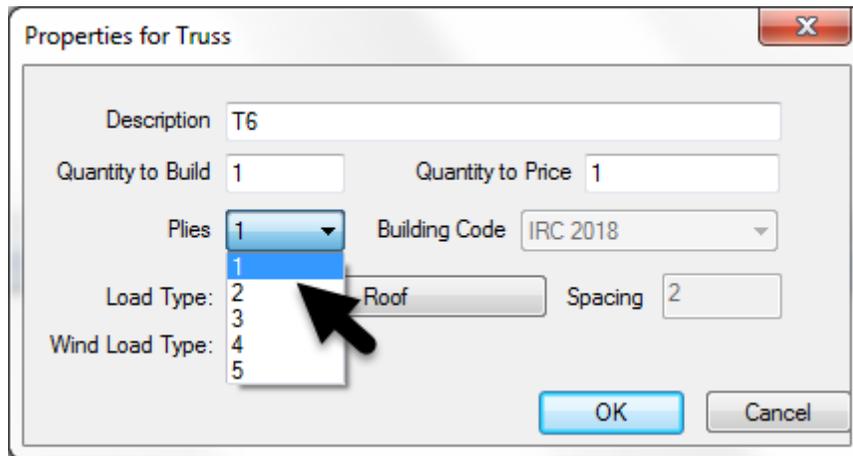
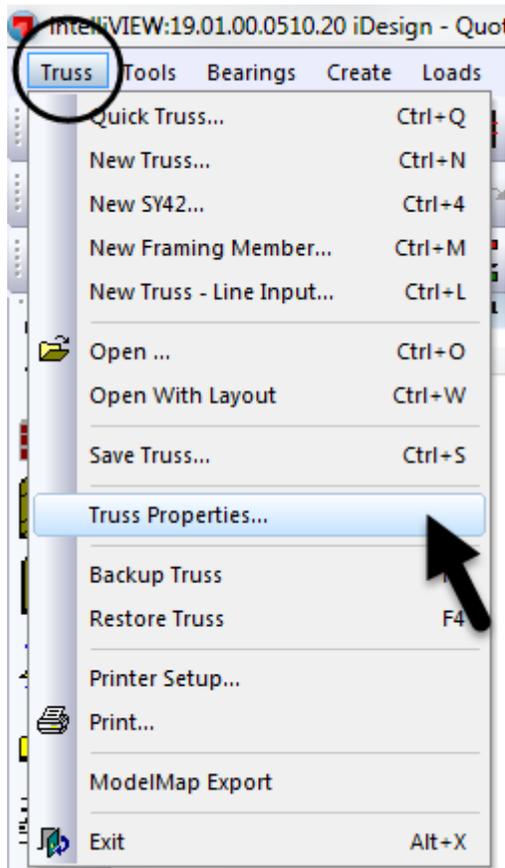
The prompt indicates to "Input Number of Plies (1-5)." Type the correct number in the input field and press Enter.



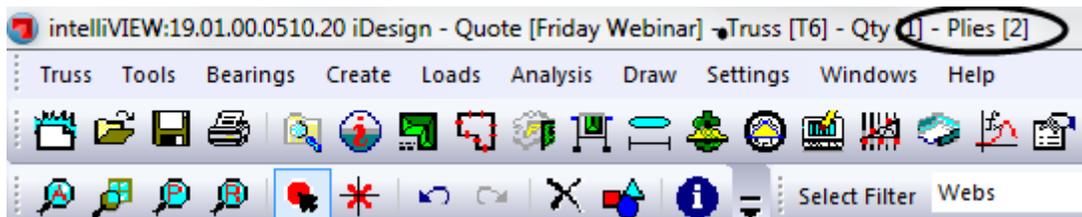
The result is a two ply girder.



In iDesign, select the Truss drop down menu and choose Truss Properties. Change the Plies to the desired number.



The current number of plies is reflected in the menu bar at the top of the IntelliVIEW window. It will not be reflected in the truss list until the truss has been engineered and saved.

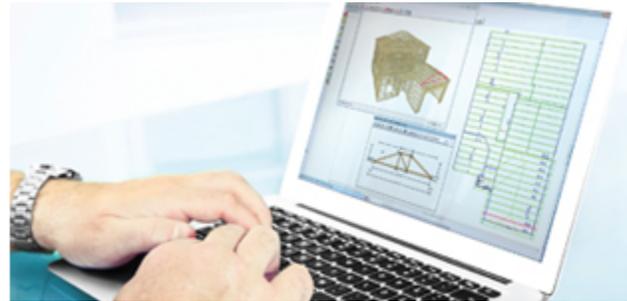


**Prior to Engineering/Saving**

**After Engineering/Saving**

TrussList v	Qty	Ply	M..	Tag
▲ [D]T6	1	1		T6
▲ [D]T5	4	1		T5
▲ [D]T4	1	1		T4
▲ [D]T3	1	2		T3
▲ [D]T24	22	1		T24
▲ [D]T23	8	1		T23

TrussList v	Qty	Ply	M..	Tag
▲ [D]T6	1	2		T6
▲ [D]T5	4	1		T5
▲ [D]T4	1	1		T4
▲ [D]T3	1	2		T3
▲ [D]T24	22	1		T24
▲ [D]T23	8	1		T23



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