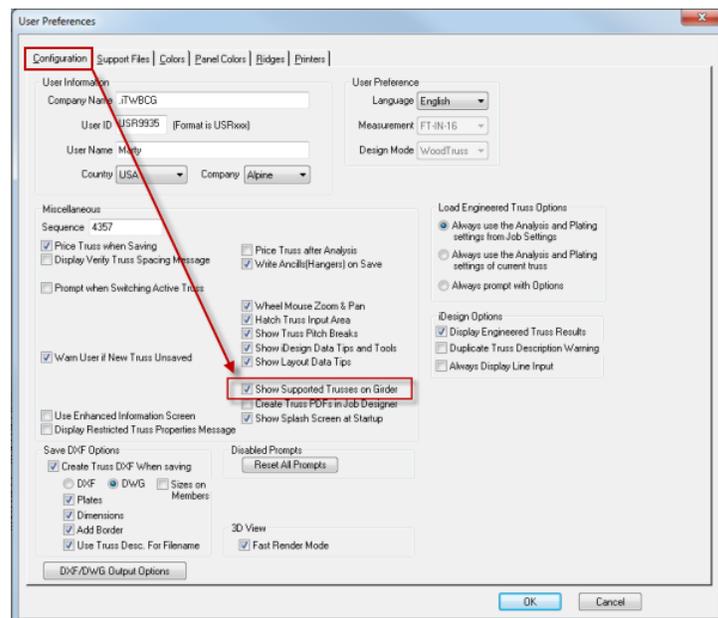## Utilizing 'Show Supported Trusses on Girders' to Gain Productivity

"Show Supported Trusses on Girders" is a useful feature when designing girders. Below are some tips to make full use of this beneficial tool.
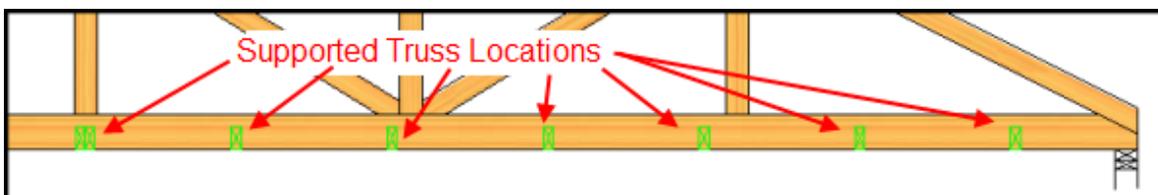
To activate the feature, open User Preferences and access the Configuration tab . Place a checkmark in the box to the left of the option.

Note: The change will take effect when the next girder truss is opened in either iDesign or the View Truss dialog of iModel. If you have a girder already displayed in iDesign, you will need to reload the truss in order to see the supported truss symbols .

Location and Number of Plies:

Once activated, the symbols appear as rectangles with X's along the supporting chord member. This shows where the supported trusses are located and also if the supported truss is a single- or multi-ply truss.

Supported Truss Locations

Colors:

The color of the rectangle indicates the engineering status of the supported truss. If the symbol color is gray, this indicates that the supported truss has not been analyzed and therefore no load has been applied to the girder truss. A green symbol indicates that the supported truss passed engineering and the load was transferred. A red or yellow symbol indicates the supported truss ran, but with errors; in these cases, the loads were transferred, but may change once the supported truss is corrected.
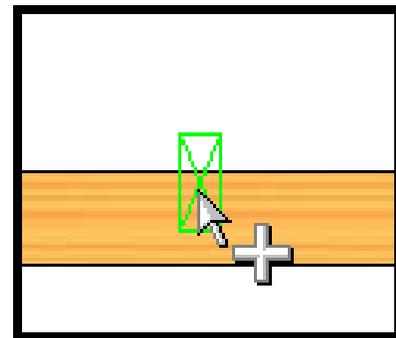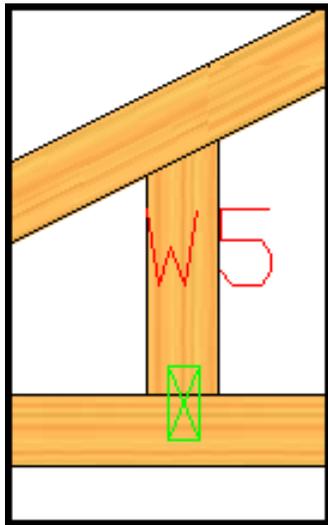
Done	🟩
Problem	🟥
Warning	🟨
Waiting for Loads	🟪
Ready for Eng.	⬜
No Engineering	🟦

Label: B12
Tag: T4
Type: HIPM
Span: 33'7"
Height: 18'7"
T.C. Size: 2x4
B.C.Size: 2x4
Plies: 2
Spacing: 2'
Heel: 6'6
Qty: 1
Qty to Price: 1
Qty to Build: 1
Stub: 0'   0'
Cant: 0'   0'
Seat Cut: 0'   0'
Overhang: 1'   0'
O.H. Type: Plumb Plumb
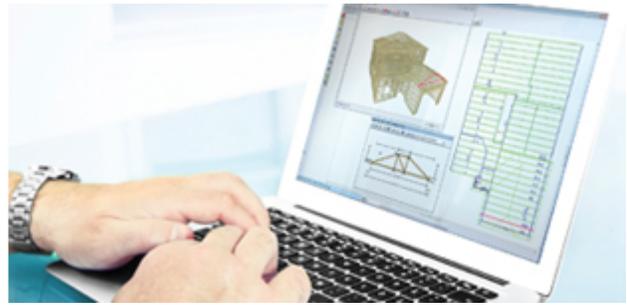0" O.H. Type:Plumb Plumb
Load: RES_40_90WIND

Supported Truss Information:

Placing your mouse cursor over the symbol provides you with basic truss information about the supported truss. Information such as Truss Label, Span, Spacing, etc. can be found in this convenient popup dialog.

Clickable Points:

Each corner of the rectangle, as well as the center point, is clickable. This makes it very easy to locate a web joint at the concentrated load location.

Do you know a handy shortcut or have a useful tip or trick to share? Please email us at training@alpineitw.com.

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

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