Inside VIEW

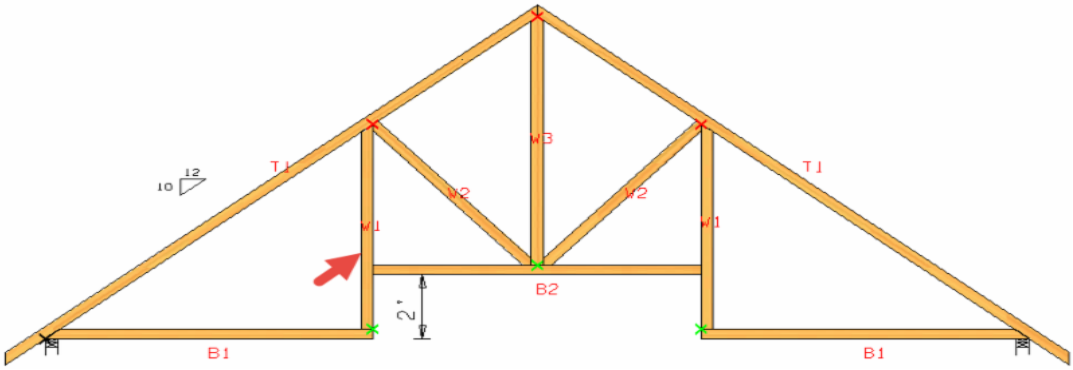
Optimizing Component Design Production

September 2016

Using the K-Web Tool

The Add K-Web tool allows you to manually add a K-web to your truss when the auto-web function does not add webbing in the pattern you prefer. The Add K-Web tool is found on the Web toolbar in iDesign.

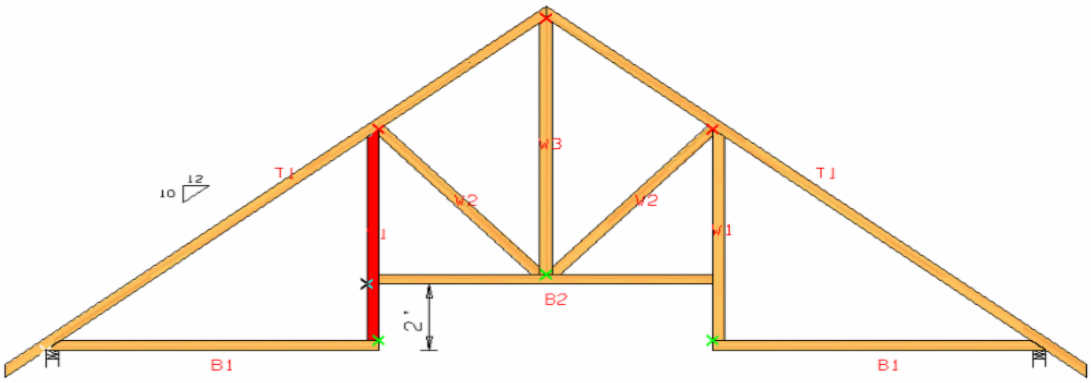
After first clicking the Add K-Web icon, the system prompts you to **"Select a side of a vertical web to add a k web on it."** Click anywhere along the side of web where you want to begin the k-web, as shown with the arrow on W1 below.



Next, we're prompted **to "<Enter> to use joint default location, Or Select a point to change the default location."** The system highlights the W1 web piece selected, and presents a reference point "x" at the system default location.

If you prefer to begin your k-web at another location, simply click the location on the vertical web or enter the dimension followed by the letter "u" for up or "d" for down to move the joint to the desired location. For example, if we want to move our joint

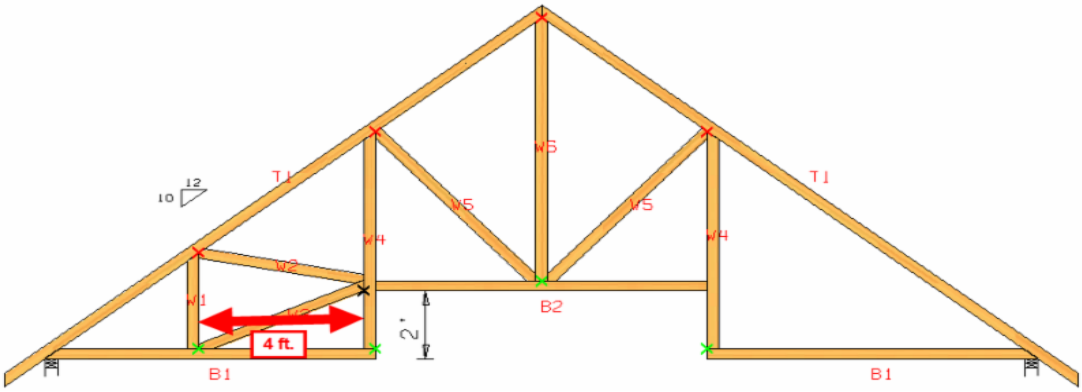
location 9 inches up from the current location, we can enter "900u" and press enter to move the reference point.

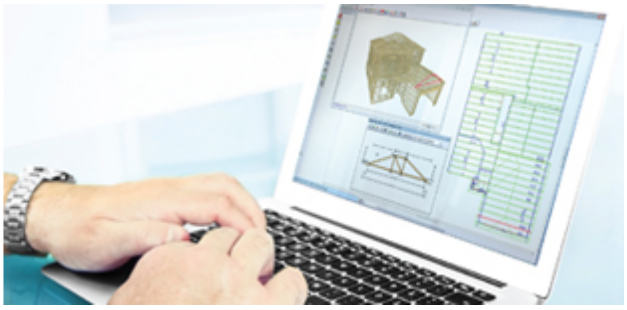


You are then prompted to **"Select a point to add a vertical for K web, Or type a distance to add a vertical for K web."** You can click anywhere along the bottom chord in the panel to input the vertical joint location. You can also type in a measurement, which is the measurement from the side of the vertical web to the vertical joint. Once you indicate the vertical joint location, the k-web will appear completed in the panel.

Note: The program adds the vertical web in the direction of the k-web using a positive whole number. It is not necessary to specify "l" left or "r" right or a negative number for verticals added to the left side of the k-web joint.

The example below shows a 4 ft. measurement given for the vertical joint location.





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