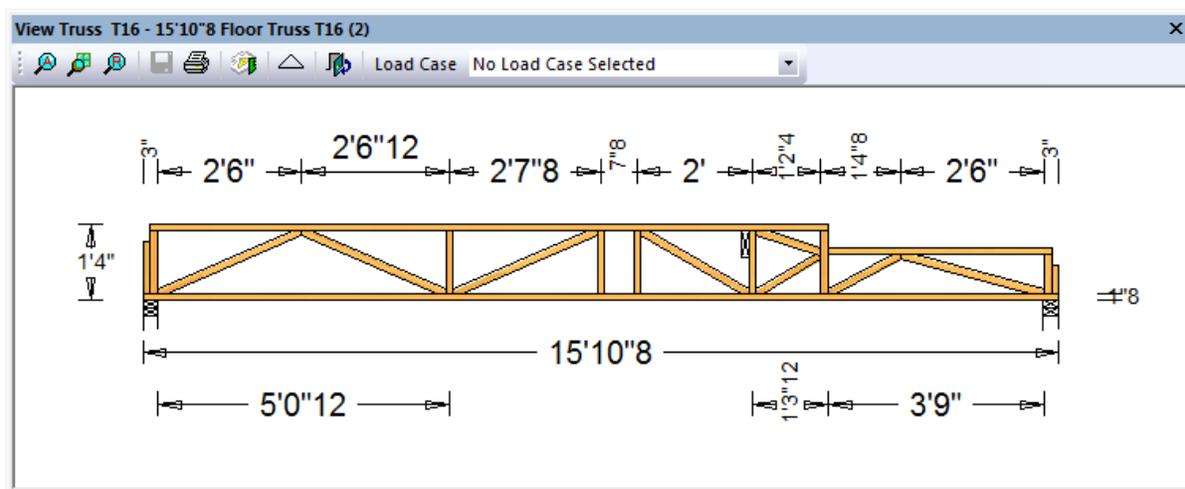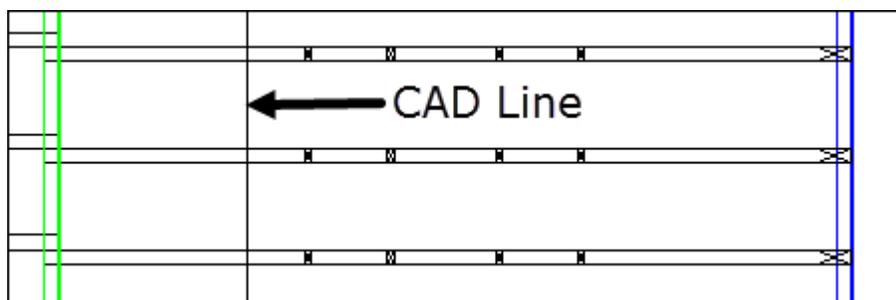# Adjusting Floor Truss Profiles

A floor truss profile needs to be modified at times to accommodate special conditions such as walk in showers, to match an existing floor height, or to create tray ceilings. These modifications can be achieved using the tools in iModel. You can use the following tips to make these modifications.

First, add CAD Lines to mark the edges of the profile change. These lines are needed to define the vertical offset in the chord profile.

Next, use Recalc Truss to change the profile. Floor truss layouts do not typically have planes to define the top or bottom chord profile like roof trusses.

It is important to define the floor truss profile starting at the left end of the truss and working towards the right end. The left end of the truss is shown on the layout with an "X".

To change the profile you will need to use the "Flat at >" [Flat at >] tool in Recalc Truss to define the profile of the chords. This tool enables us to define the profile using absolute heights.

Recalc Truss

Redefine the Top Chord or Bottom Chord Truss Profile
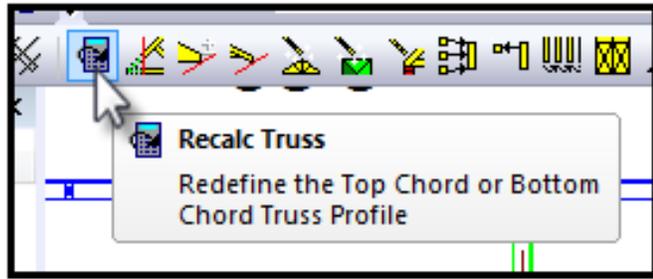
In the Flat at > tool drop down list you will find the height of each wall currently contained in the layout. To define the height of the chord, find the correct wall height in the list, then type the "+" sign, next input the desired height of the chord (i.e. "90400+10400") and finally click the Flat at > button to apply the changes.

To define the vertical offset, press and hold Ctrl key and left mouse button click to select the CAD line.

Utilizing the absolute heights and the vertical offset to build your complete truss profile from left to right makes adjusting floor truss profiles quick and easy.

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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.