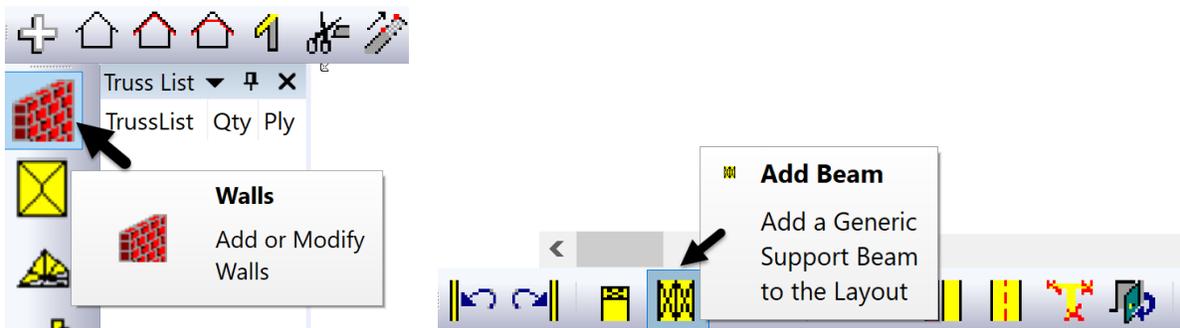
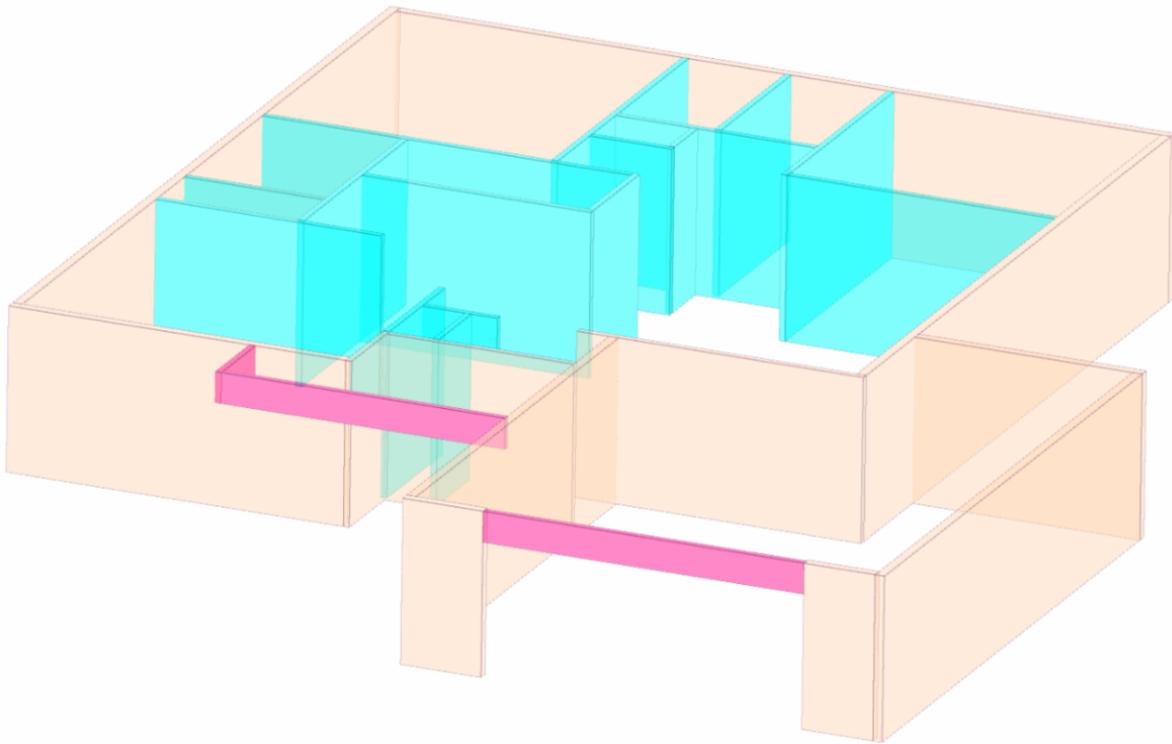


### Wall Beam vs. Framing Member

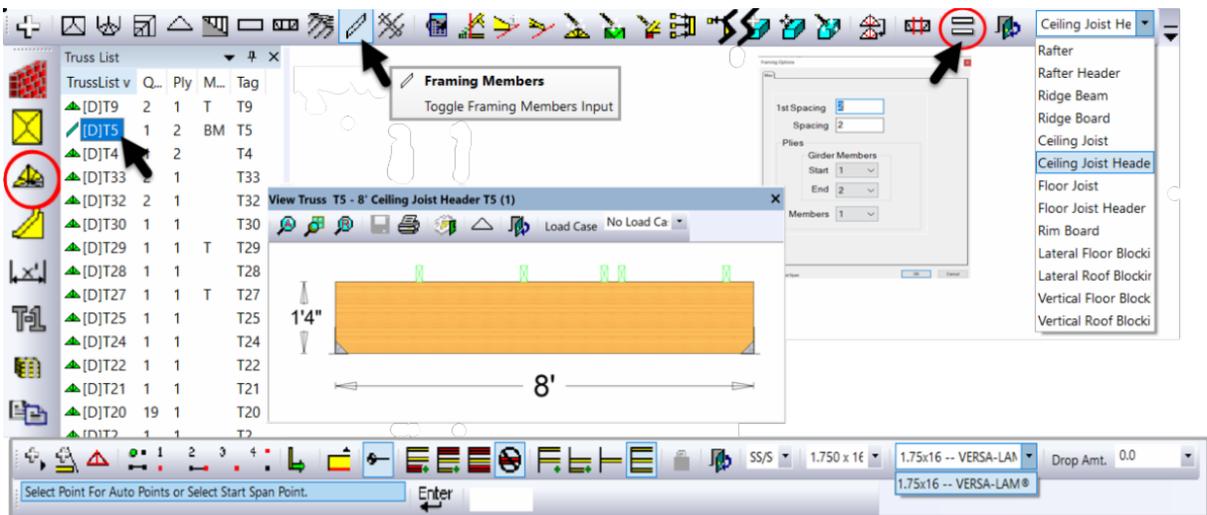
IntelliVIEW offers comprehensive solutions to everyday design needs. Designers often require beams in their designs. In iModel, designers can choose to add generic wall beams to show that proper support will be provided or structural framing members to calculate and transfer loads in the design.

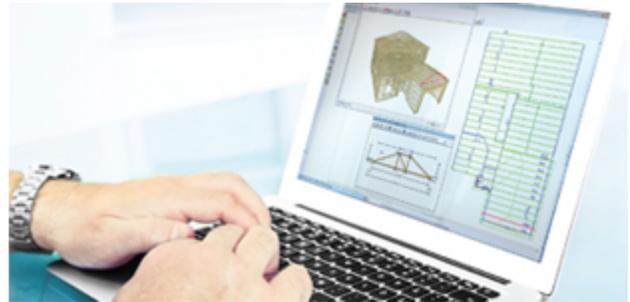
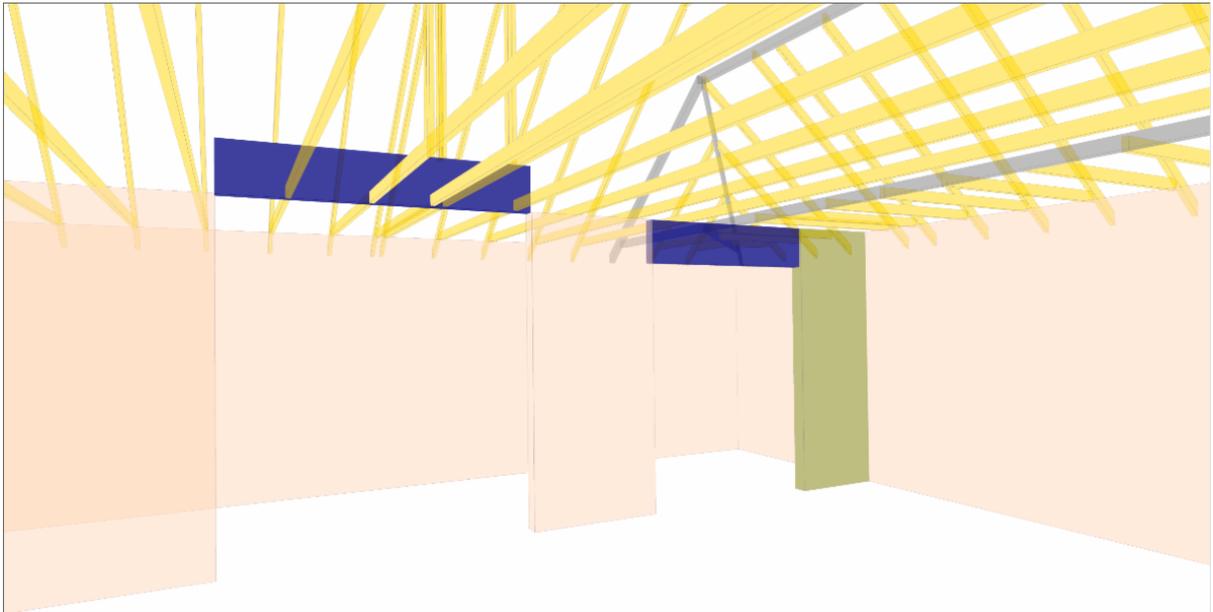
When adding walls, the bottom toolbar offers options for different types of bearings. The "Add Beam" tool allows for a generic support beam to be added to the layout. It is added like a wall, and it tells the system that any elements added to the beam will be properly supported, however, the wall beam will not calculate or transfer loads and it will not be engineered or added to your truss list. Specifics of the beam can be modified in the wall options prior to adding, or edited using edit wall. The example below shows a generic wall beam added above a garage opening and a porch area.





Adding a structural beam requires using the framing member truss type on the truss toolbar. Use the drop down menu at the end of the toolbar to select the type of member, then use the span and run points to set the input location. The options menu and the items on the bottom sub-toolbar will allow for specification of sizes, grades and plies of members. The framing member will be engineered, calculate and transfer loads and it will added to your truss list. The example below shows a ceiling joist header framing member, used as a raised 16" LVL beam over an interior opening.





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](mailto:training@alpineitw.com).

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Alpine, an ITW Company, 155 Harlem Avenue, Glenview, IL 60025