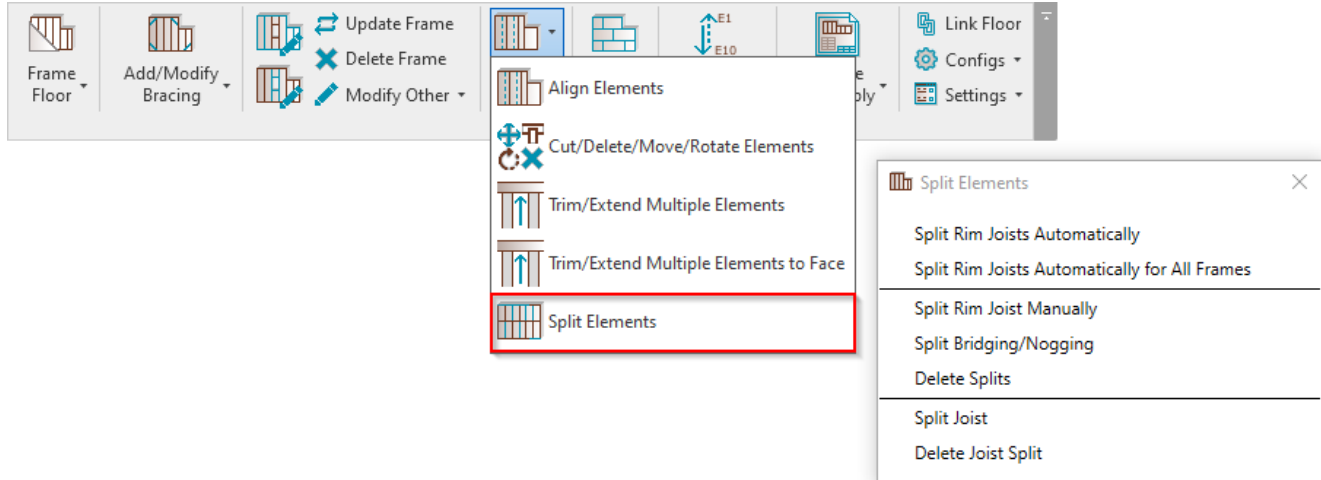


ALIGN/TRIM/EXTEND – Split Elements

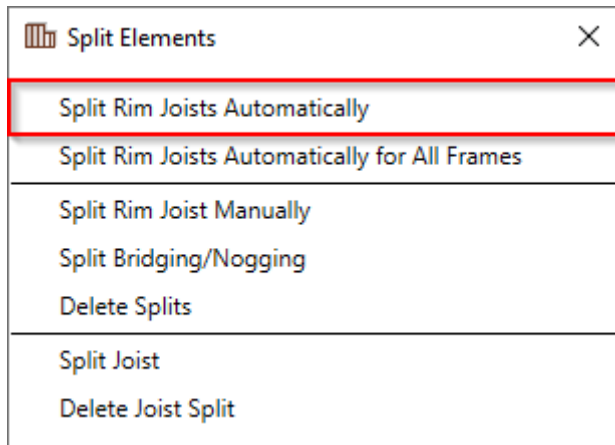
Modified on: Sat, 5 Dec, 2020 at 8:30 PM

Split Elements

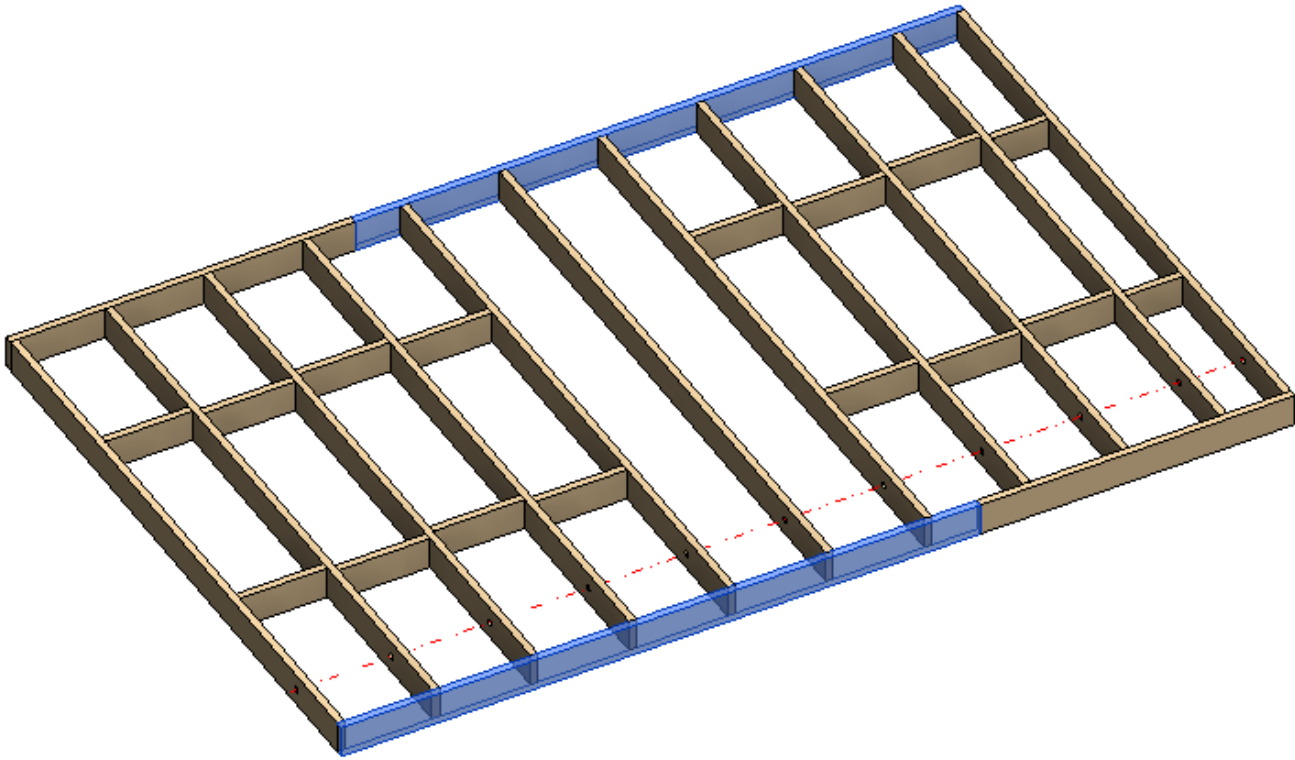


Split Elements – features for splitting joists, rim joists, bridging/nogging elements by different rules.

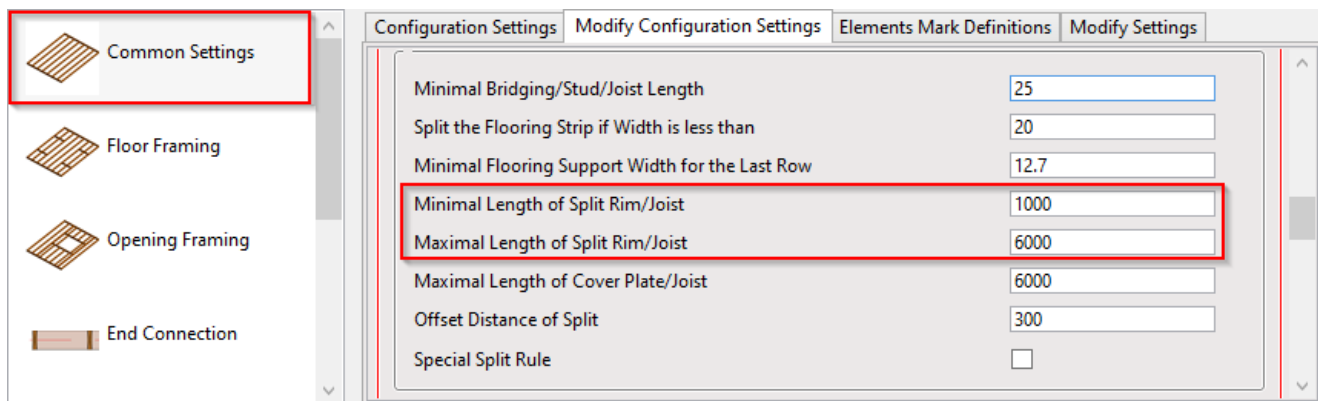
Split Rim Joists Automatically



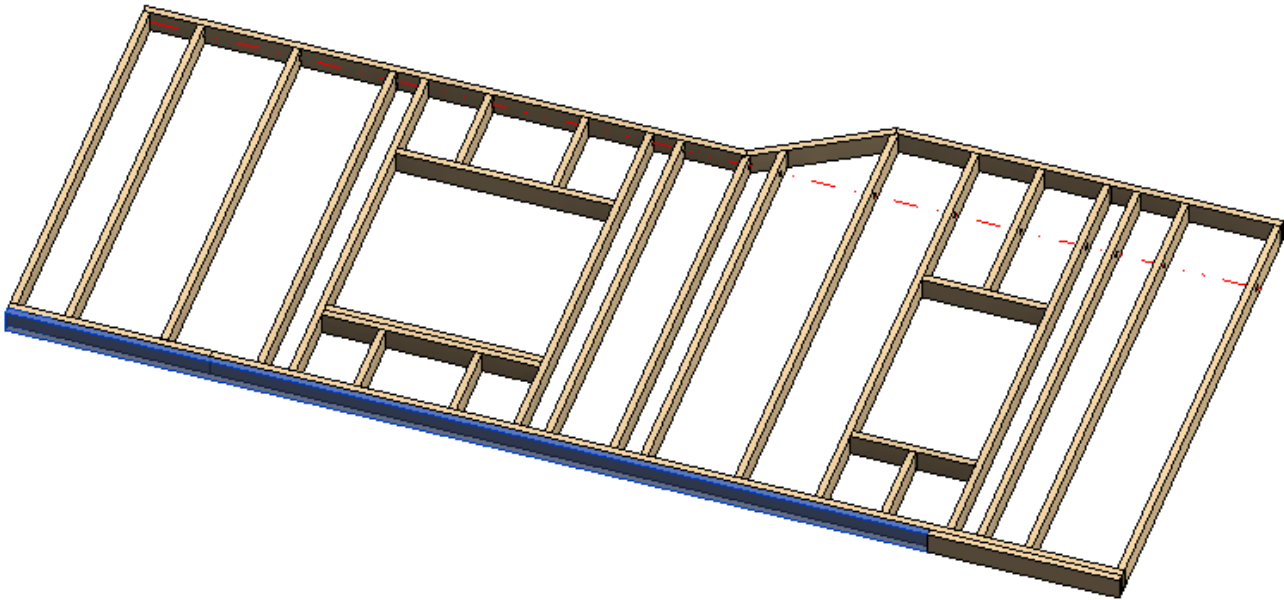
Split Rim Joists Automatically – splits rim joists for selected floor according to predefined settings in **Framing Configuration**.



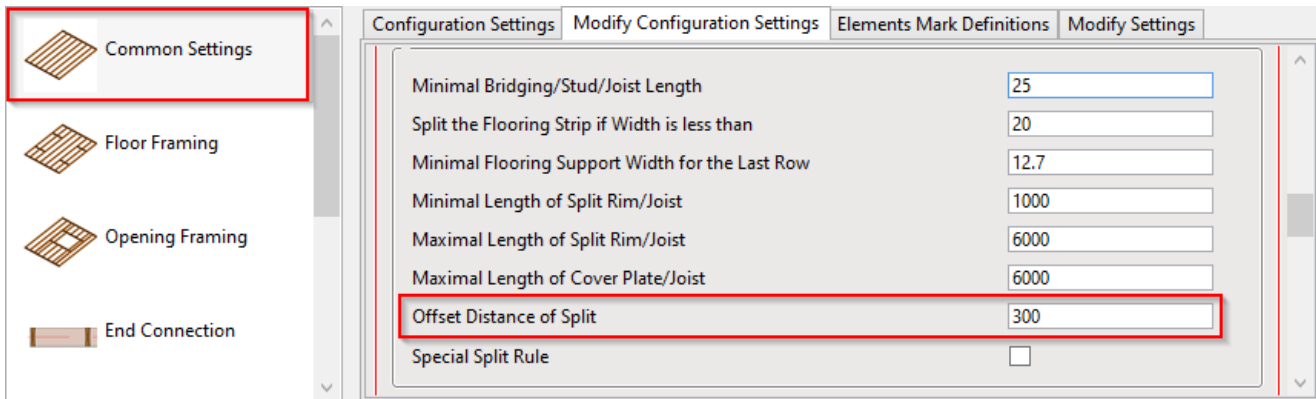
Split settings come from **Configs** → **Framing Configuration** → **Common Settings** → **Modify Configuration Settings** tab:



Minimal/Maximal Length of Split Rim/Joist – predefines min/max length for splitting rim joists.

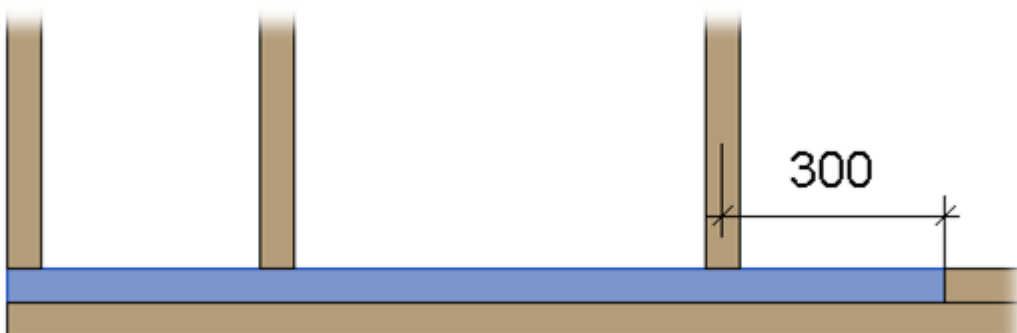


Also, pay attention to **Offset Distance of Split** parameter in **Configs** → **Framing Configuration** → **Common Settings** → **Modify Configuration Settings** tab:

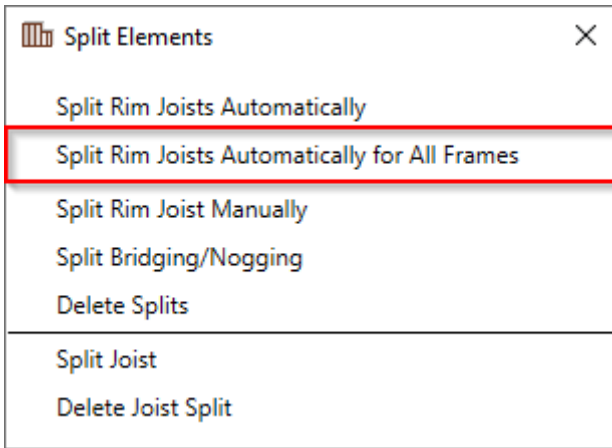


Offset Distance of Split – defines splitting distance for selected rim joist from selected joist.

Example: Offset Distance of Split = 300mm:

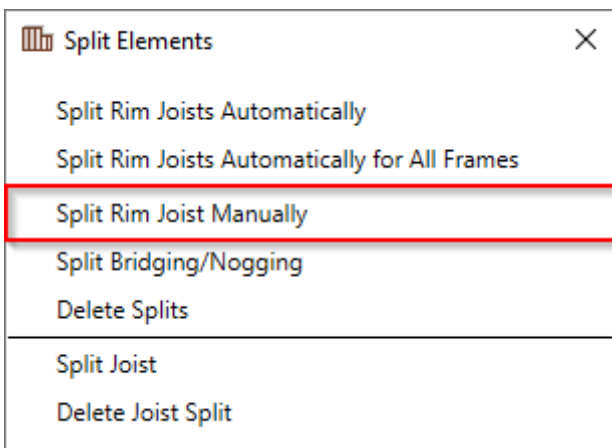


Split Rim Joists Automatically for All Frames



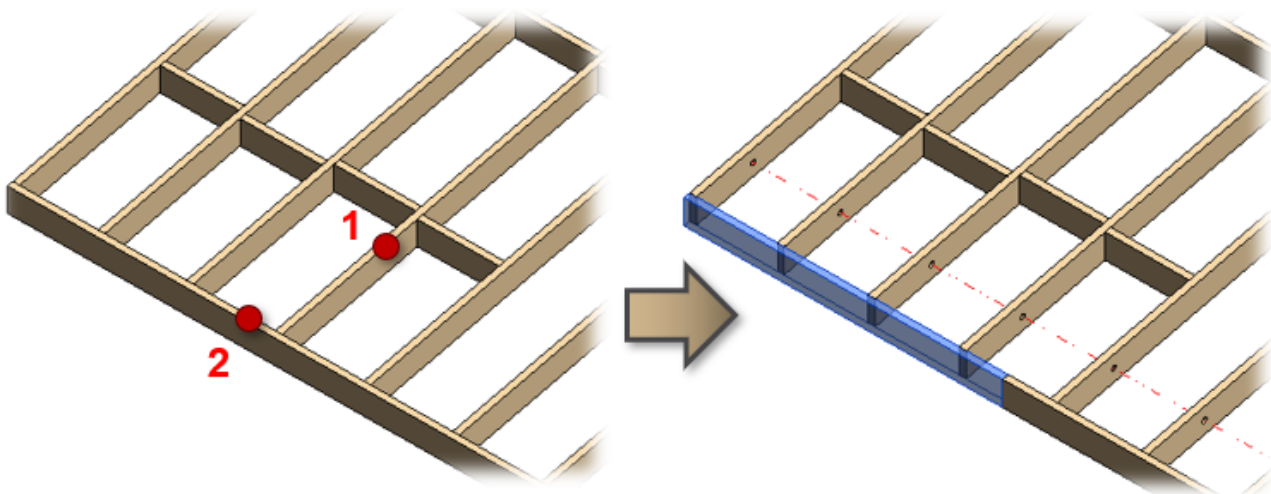
Split Rim Joists Automatically for All Frames – splits rim joists for all floors in the current project according to predefined settings in **Framing Configuration**.

Split Rim Joist Manually

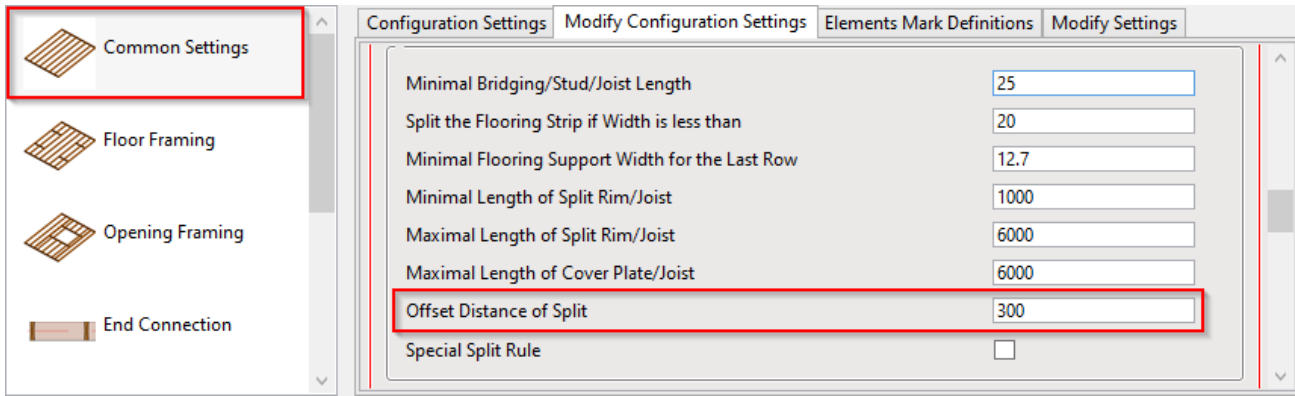


Split Rim Joist Manually – splits selected rim joist by selected joist.

1. *Select a joist which will split rim joist;*
2. *Select a rim joist which will be split.*

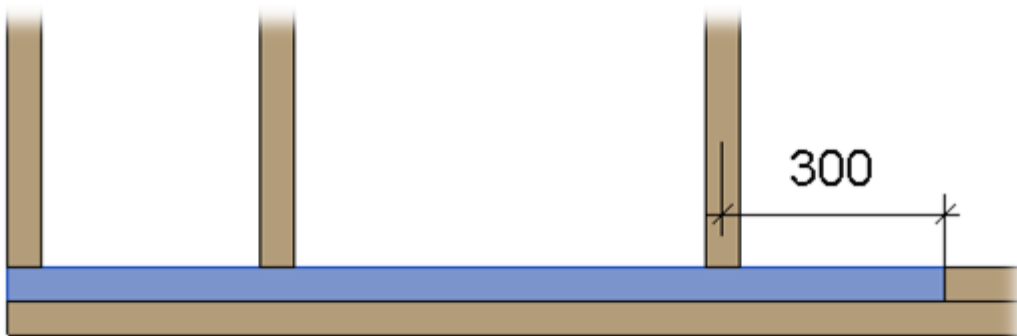


Also, pay attention to **Offset Distance of Split** parameter in **Configs** → **Framing Configuration** → **Common Settings** → **Modify Configuration Settings** tab:

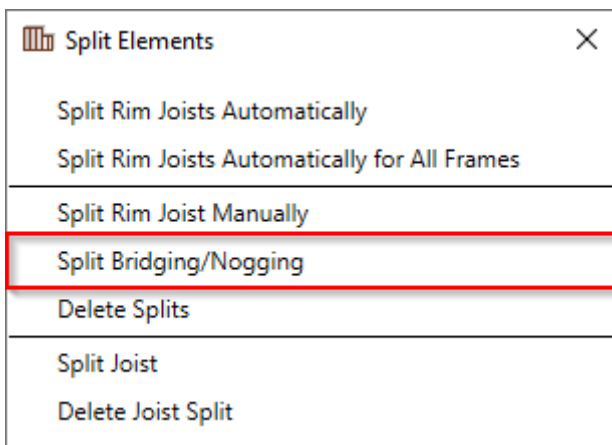


Offset Distance of Split – defines splitting distance for selected rim joist from selected joist.

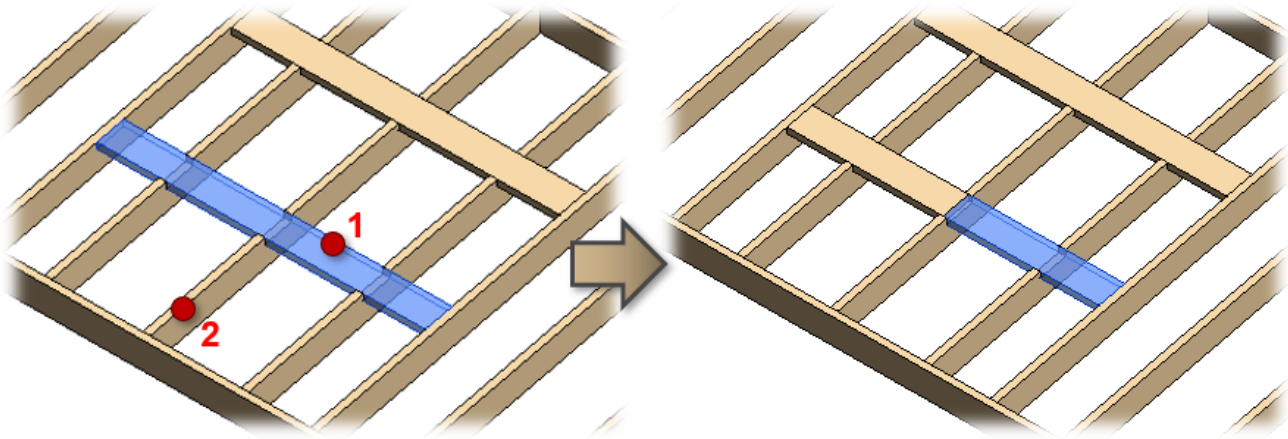
Example: Offset Distance of Split = 300mm:



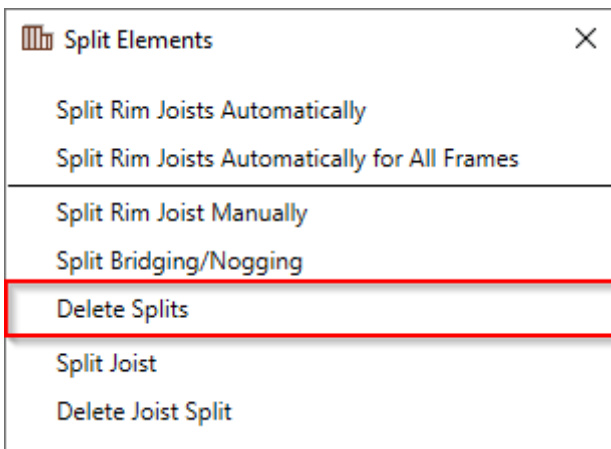
Split Bridging/Nogging



Split Bridging/Nogging – splits selected bridging/nogging by selected joist.

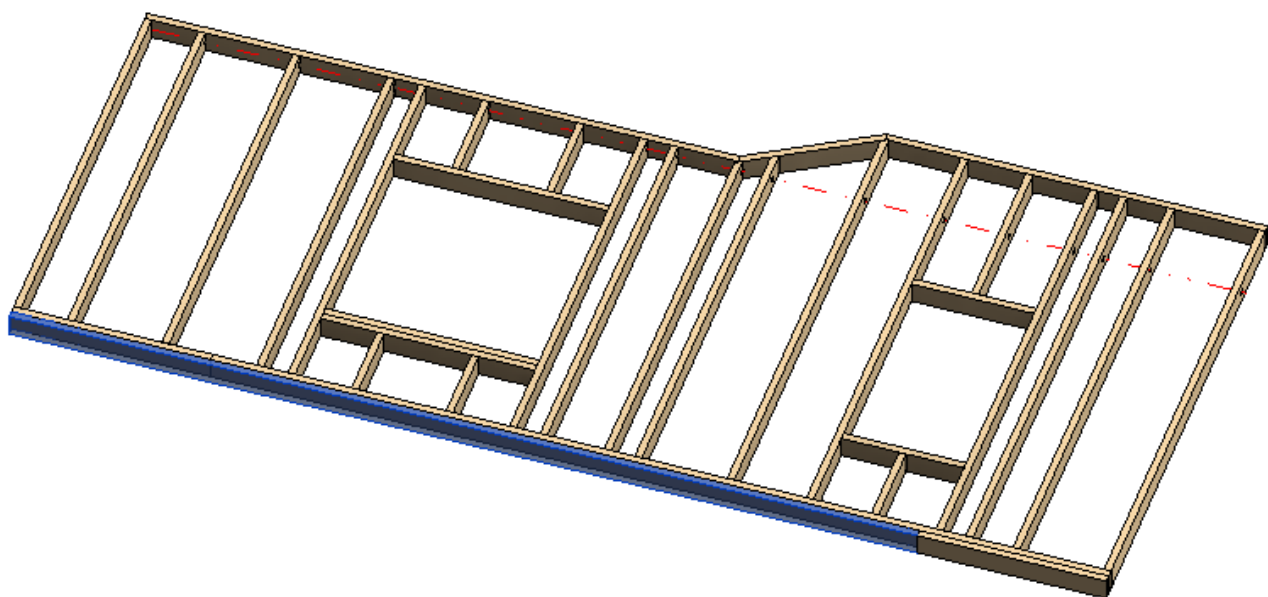


Delete Splits

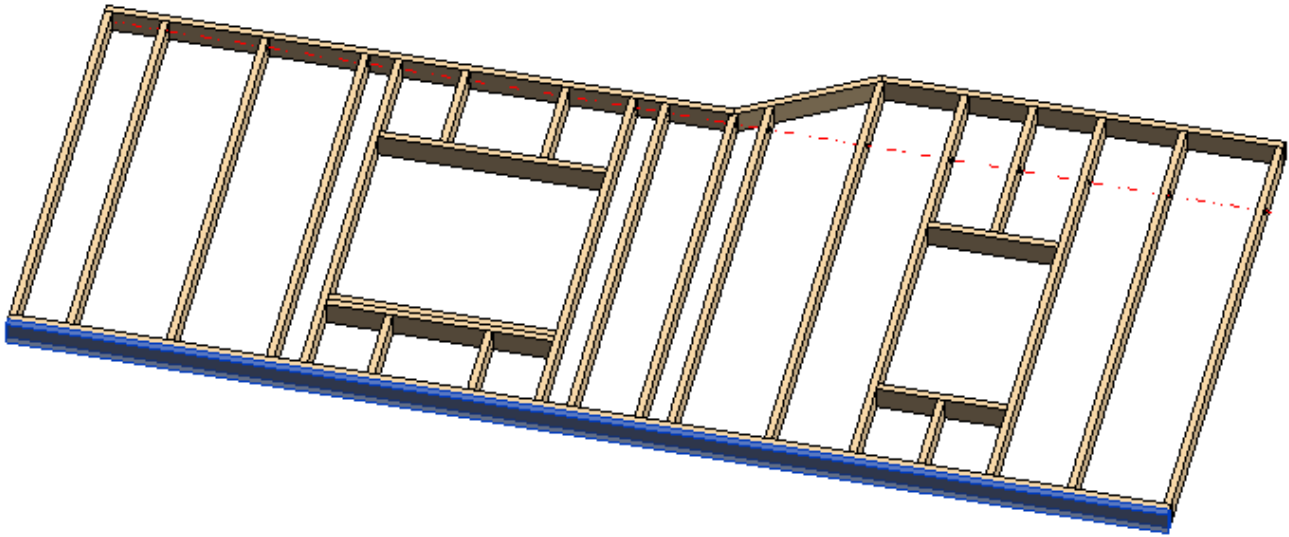


Delete Splits – resets selected floor rim joists to original length before splitting.

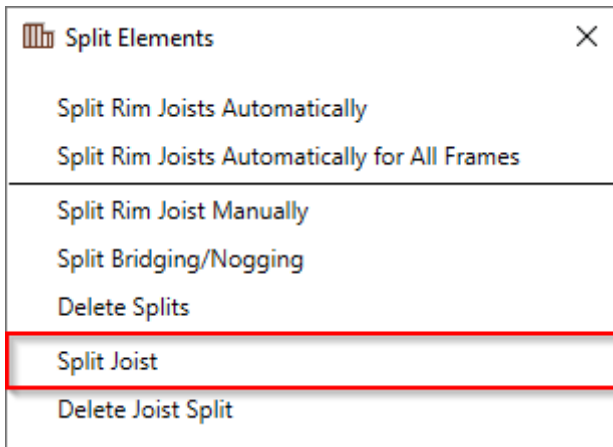
Example: Rim joists were split...



*...after using **Delete Splits**, the rim joist is whole again:*



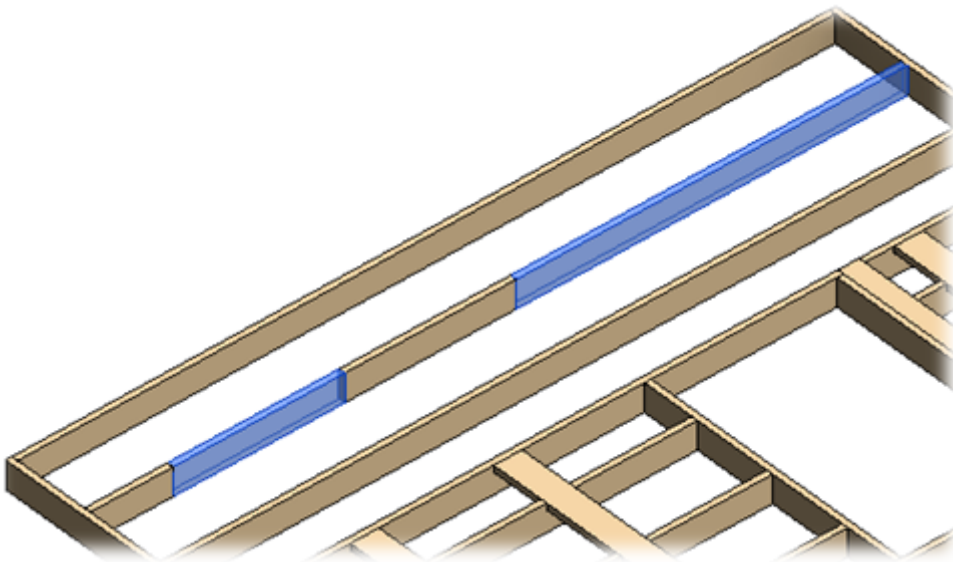
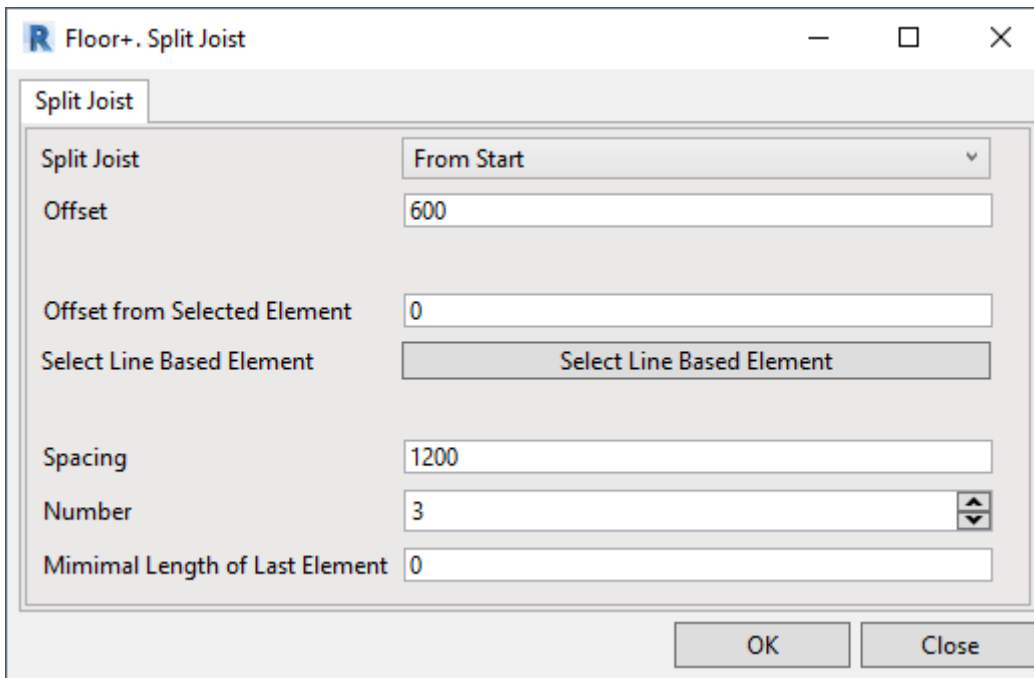
Split Joist



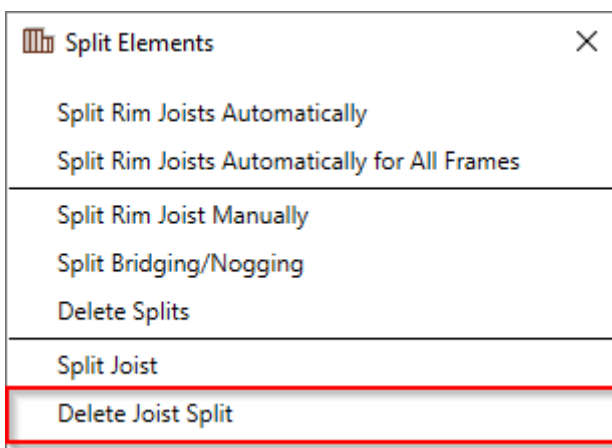
Split Joist – splits selected joists by predefined settings.

You can select one joist or multiple.

For joist splitting you will see a dialog with settings where you can predefine the offset, spacing, number of splits, minimal length of last element, etc.

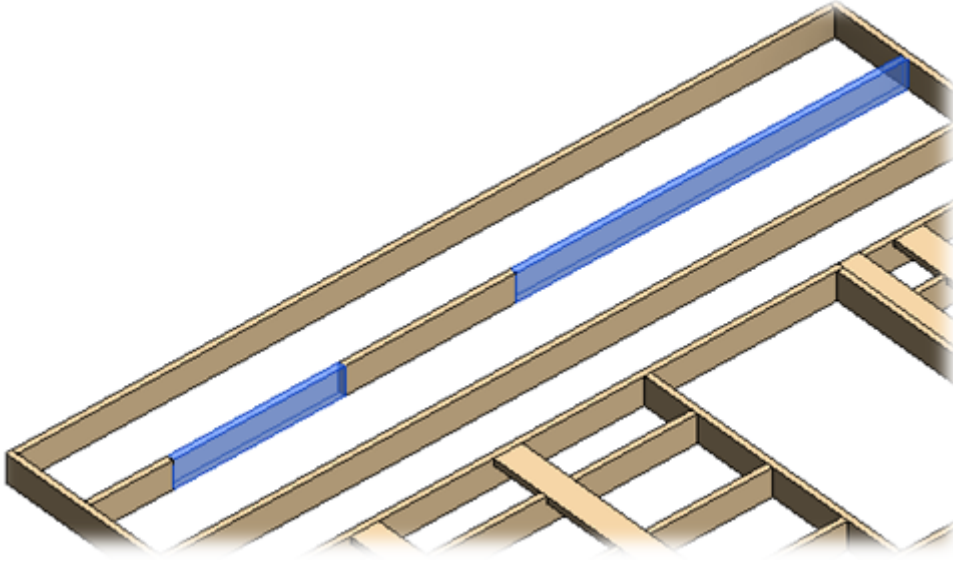


Delete Joist Split



Delete Joist Split – resets selected joists to original length before splitting.

Select the joists that were split:



After clicking **Delete Joist Split**, the joists are restored to original length:

