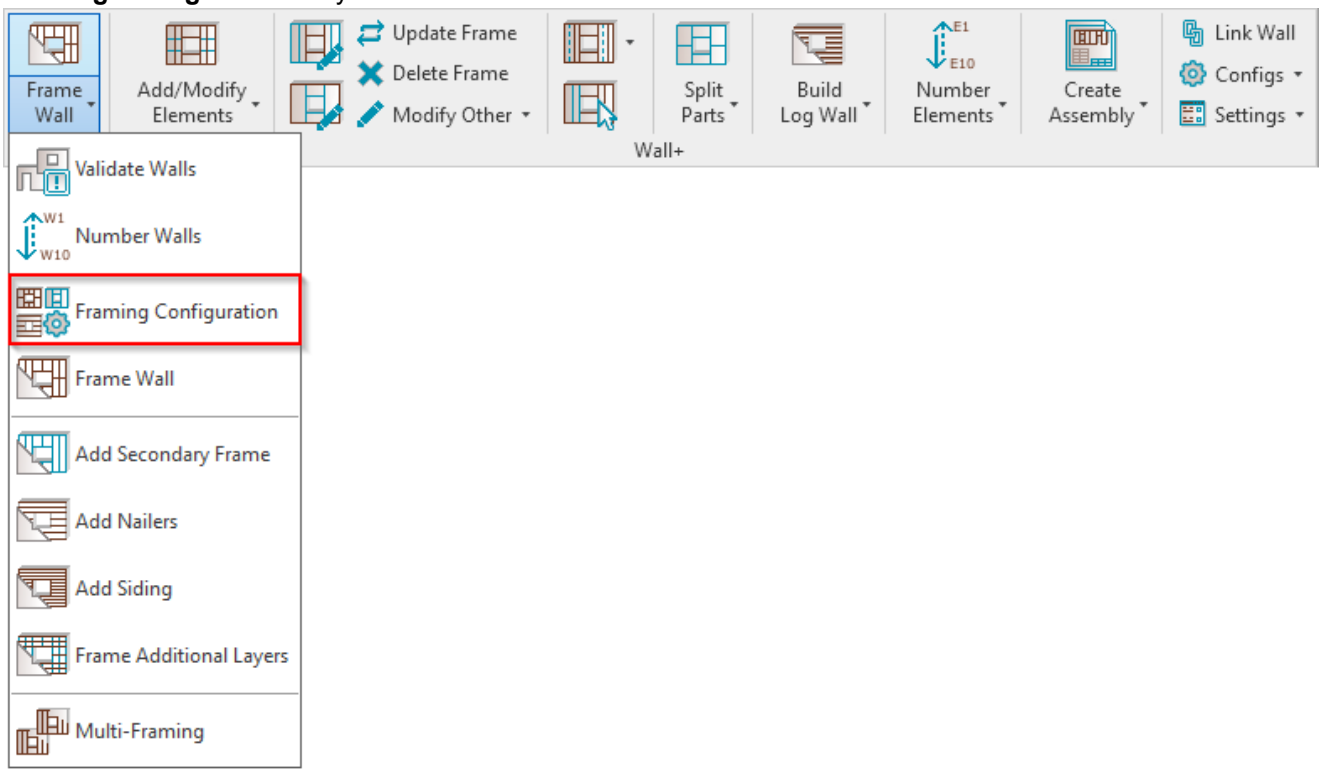
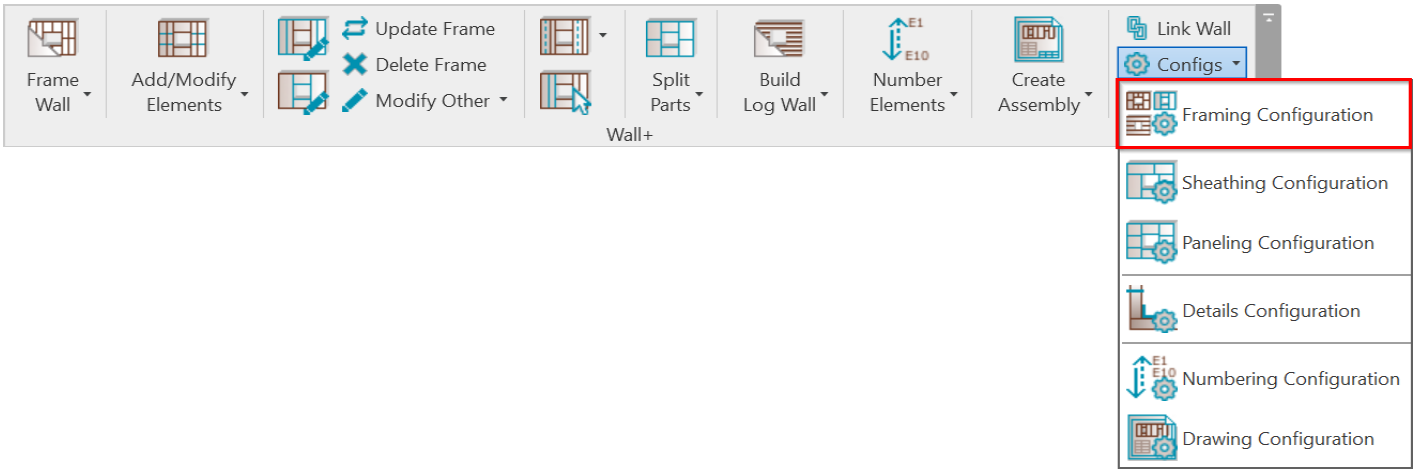
FRAMING CONFIGURATION – L, T, V, End Connections

Modified on: Sun, 7 Feb, 2021 at 8:53 PM

Framing Configuration may be found in two locations:



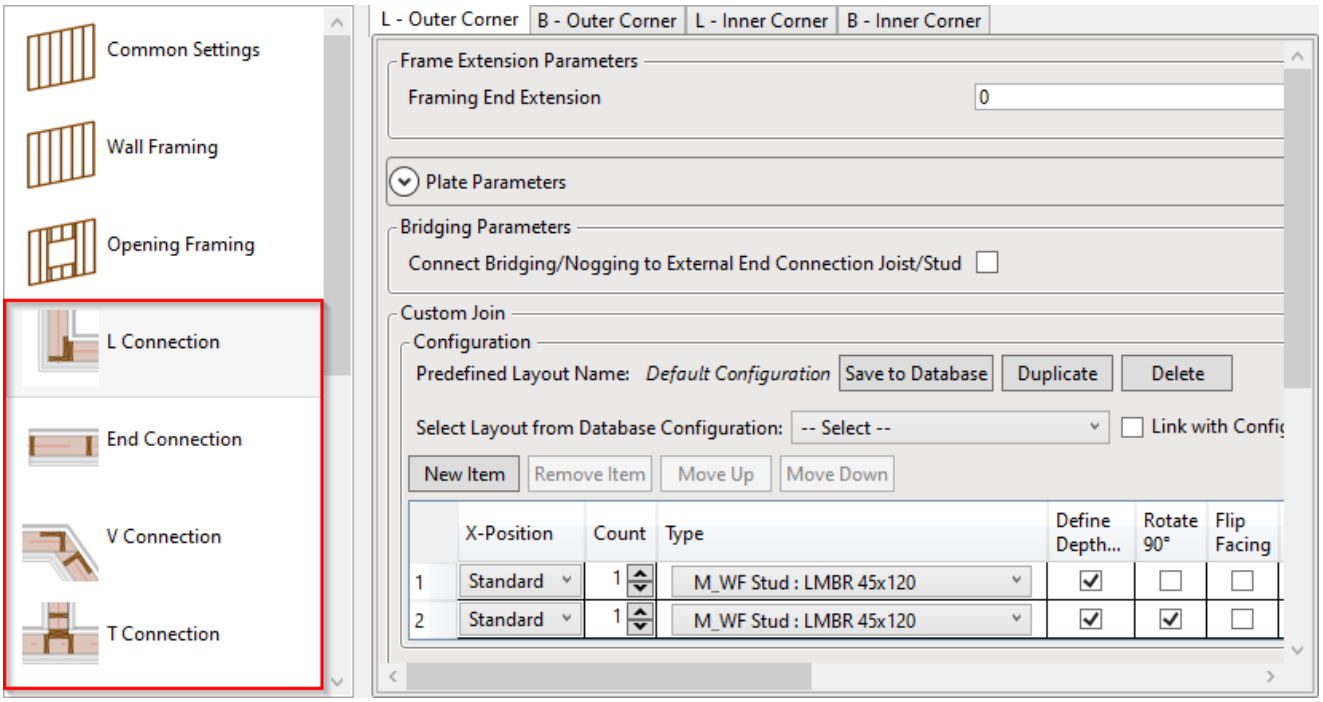
or:



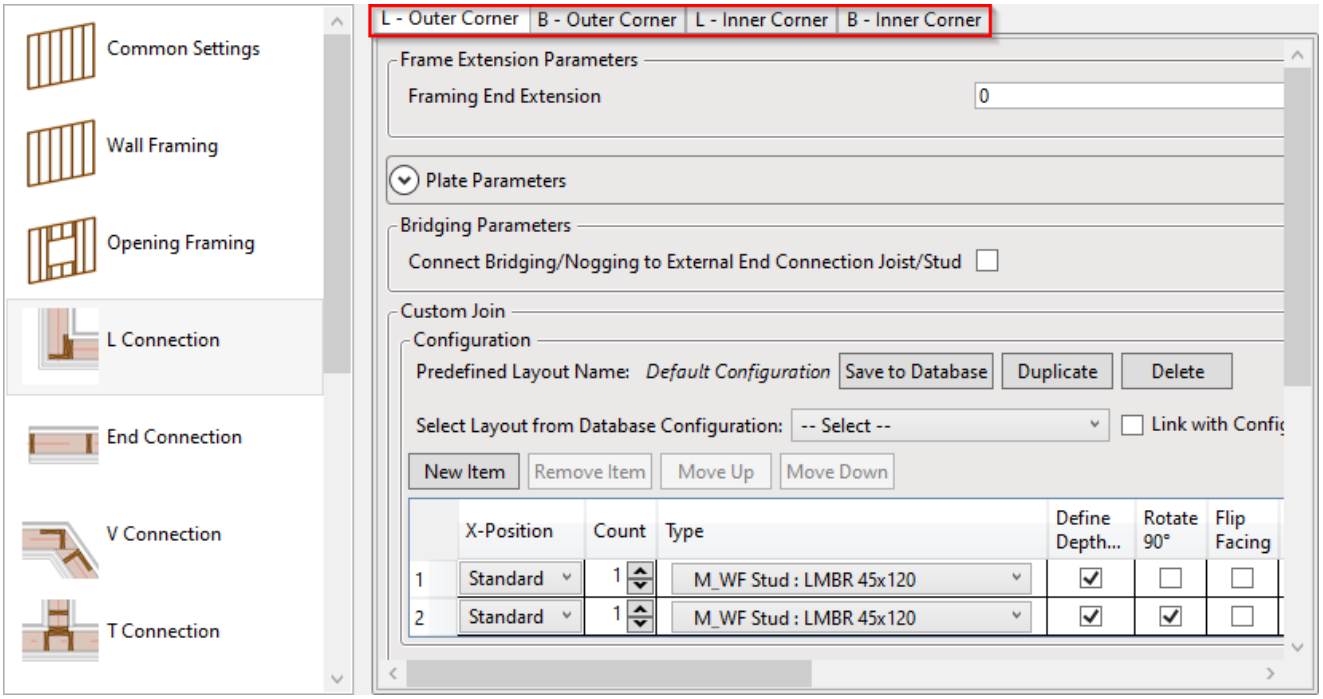
1. Choose **Framing Configuration** from **Wall+** menu.

2. Choose **Configuration Type** that corresponds to framing layer of the wall.

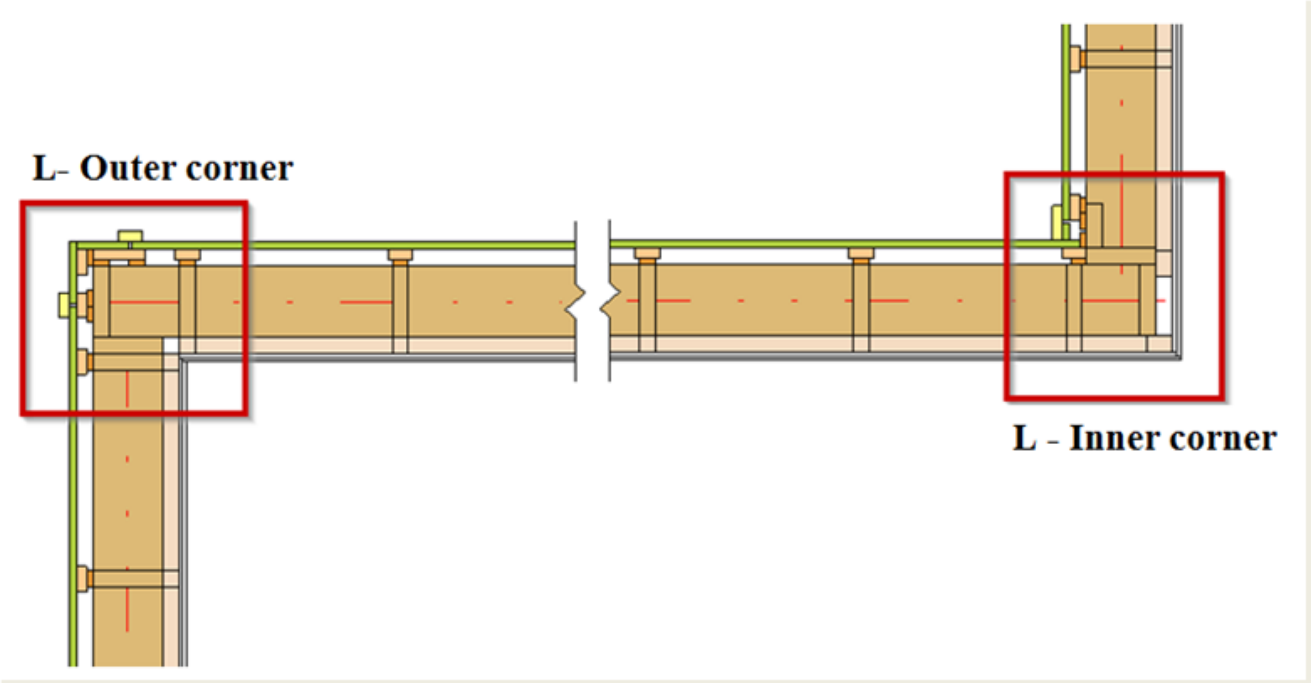
3. Select **L Connection**, **End Connection**, **V Connection** or **T Connection**.



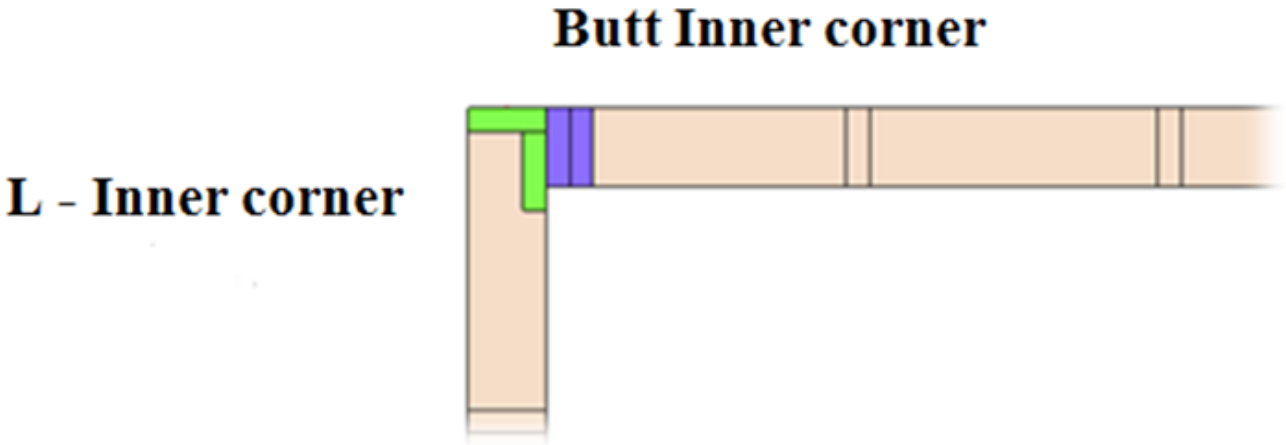
L Connections, **End Connections**, and **T Connections** are supplemented with options that bring further flexibility for predefining outer corners, B (Butt) outer corners, inner corners, or B (Butt) inner corners.



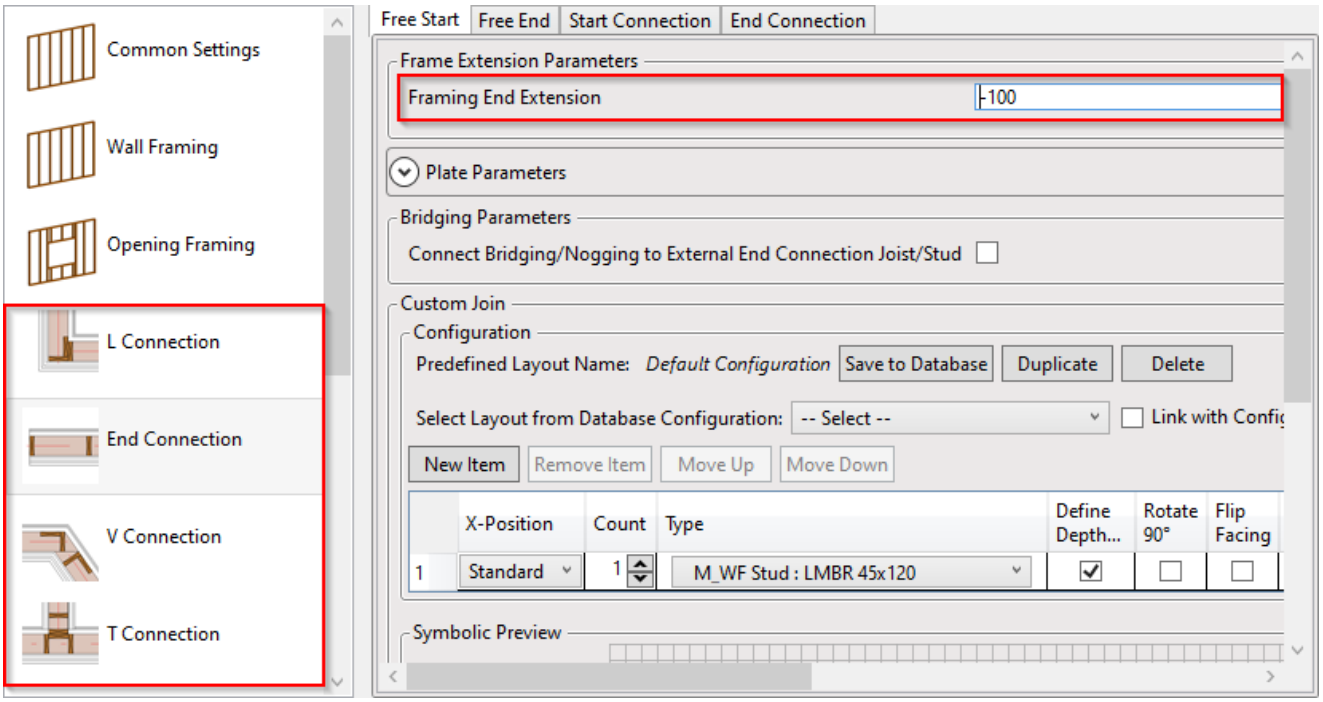
Wall+ recognizes inner and outer corners so that you can adjust different joins. It gives you more flexibility in modeling and easily handles complex situations:



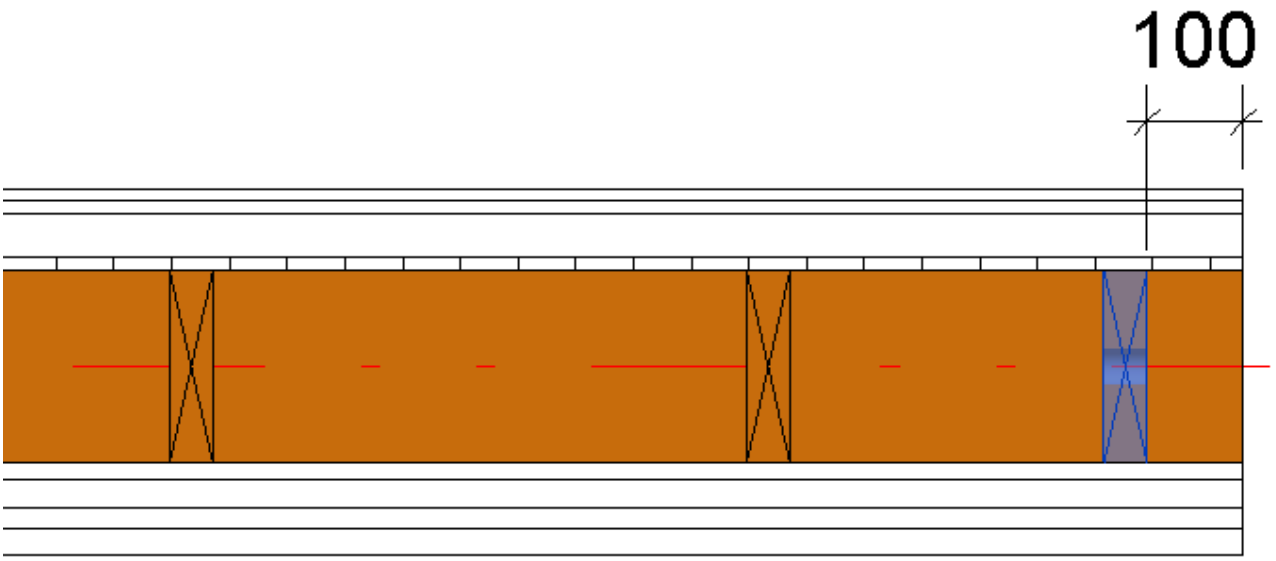
Example with inner corner: You can predefine and change Butt connections



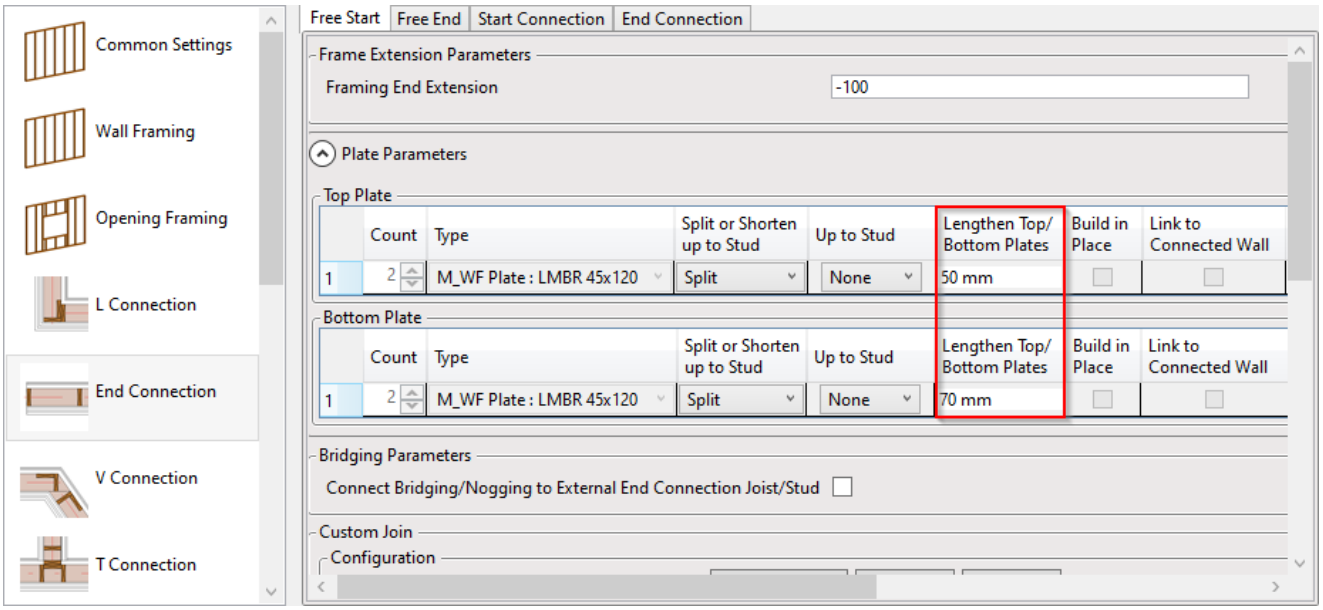
Framing End Extension



Framing End Extension - makes frame offset from the wall connection.

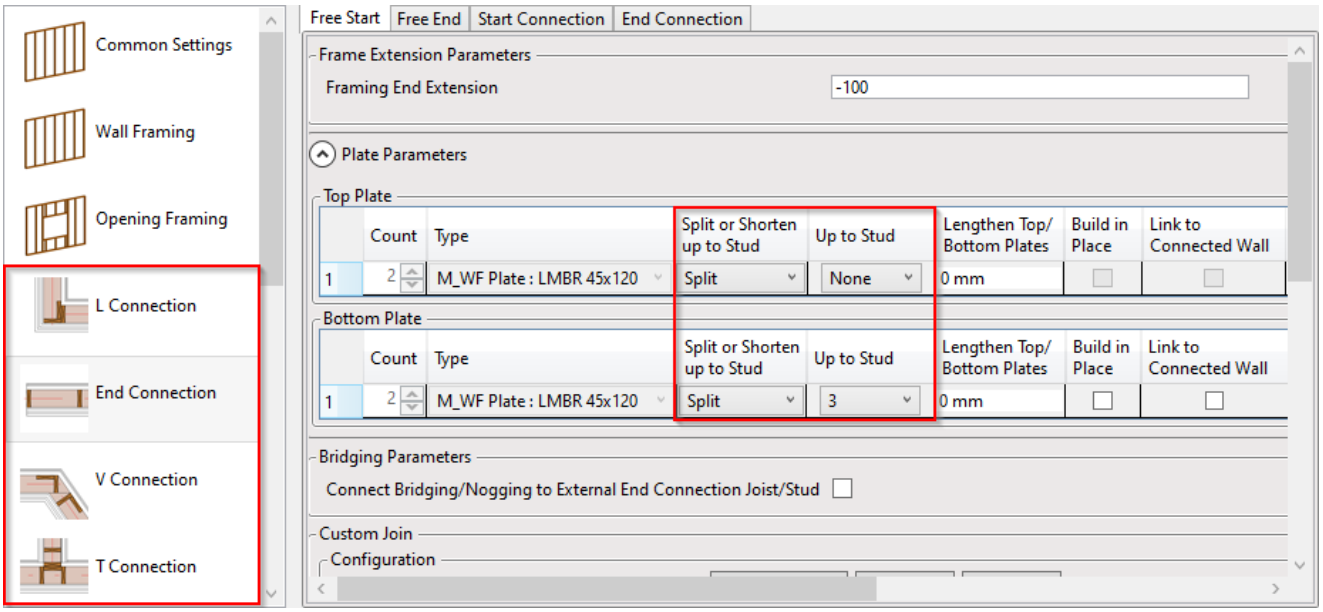


Lengthen Top/Bottom Plates



Lengthen Top/Bottom Plates – makes top and bottom plate offset from the wall connection.

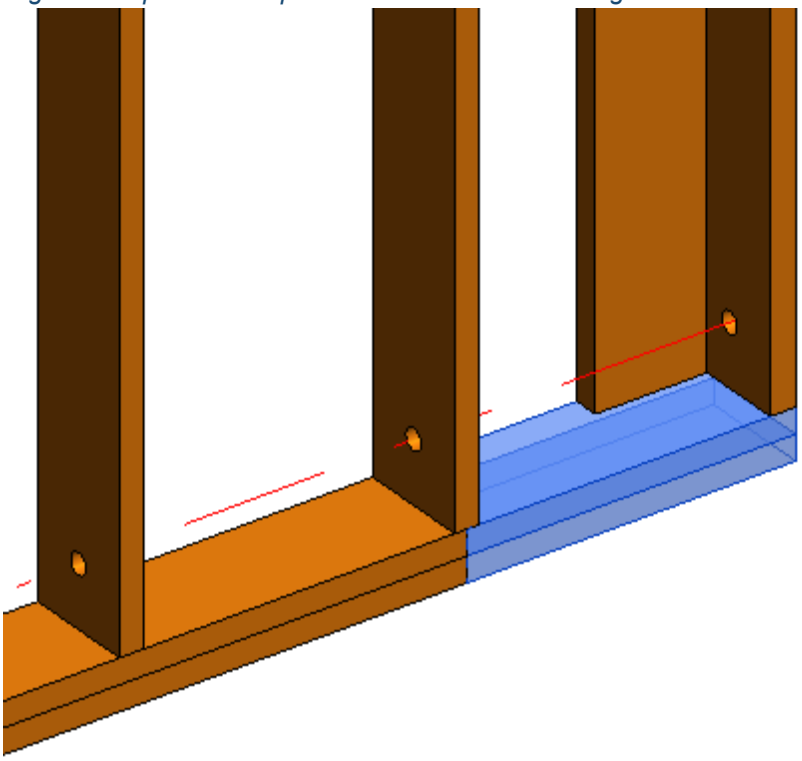
Split or Shorten up to Stud



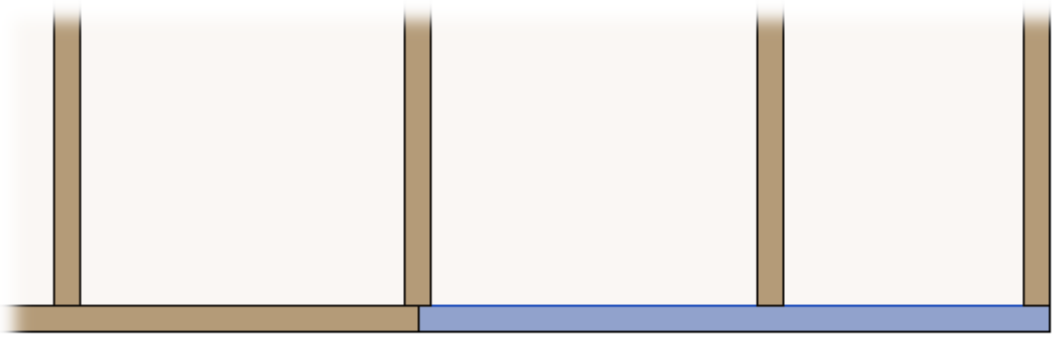
Split or Shorten up to Stud – splits or makes the top/bottom plates shorter.

Up to Stud – select the number of the stud where the top/bottom plates should be split or shortened.

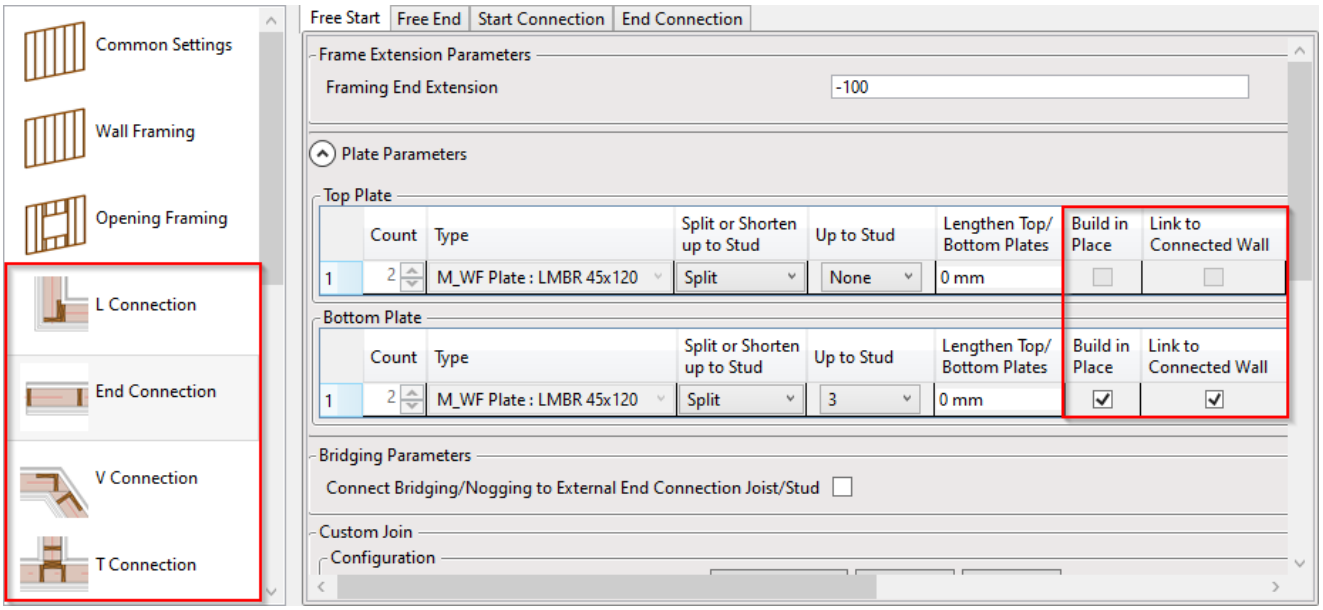
E.g Bottom plates are split at the second from the right stud:



E.g. Bottom plate is split at the third stud from the right.



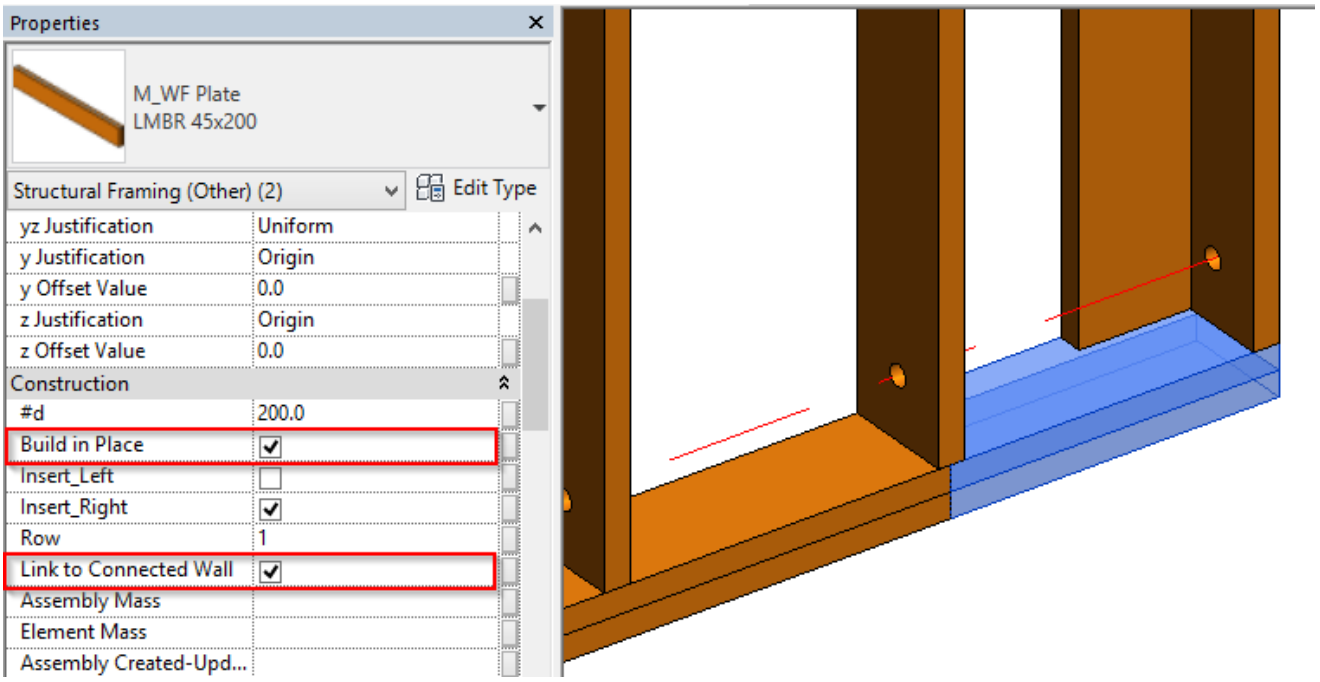
Build in Place and Link to Connected Wall



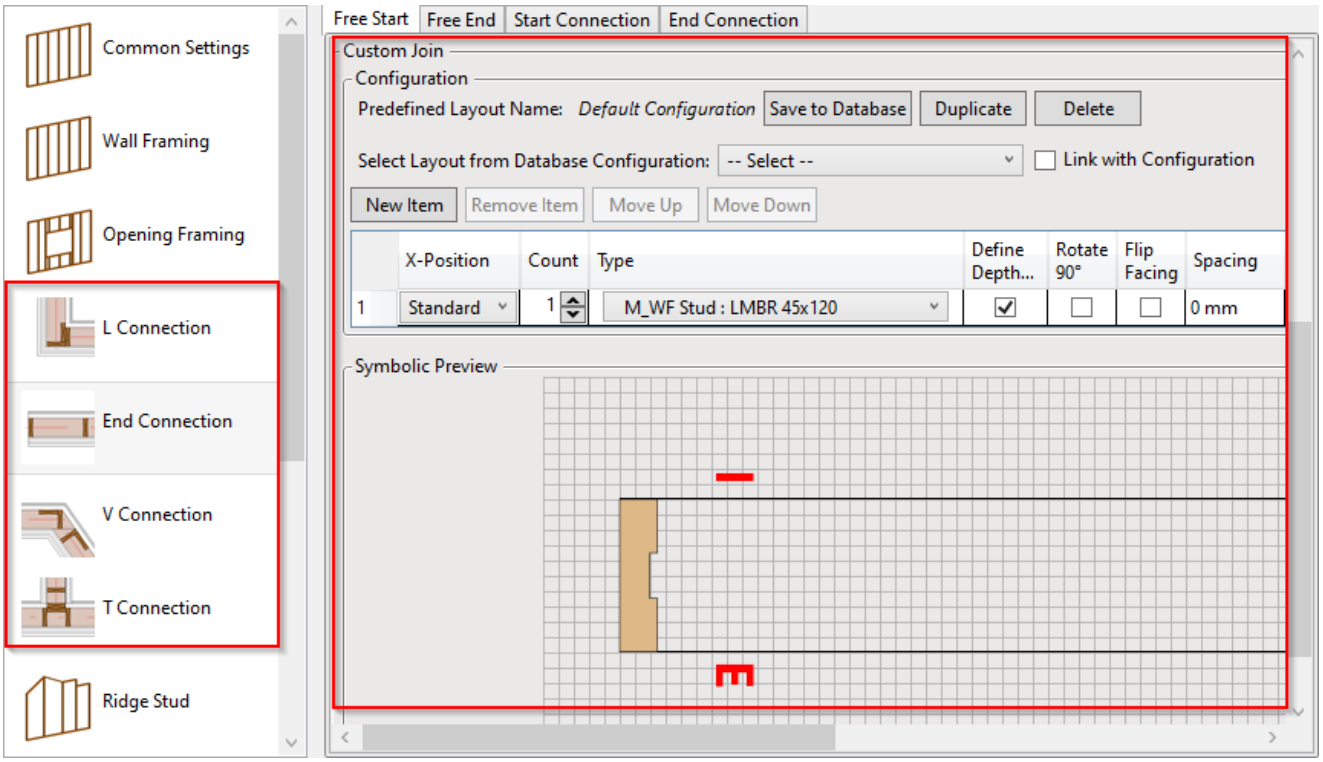
Build in Place – writes Yes/No information into the plate instance parameter if plate is build-in-place or is prefabricated with the whole wall frame.

Link to Connected Wall – option if the plate is near a wall corner and such an element should be prefabricated and connected to the connecting wall.

A plate like this will have **Link to Connected Wall** or **Build in Place** parameter switched ON:

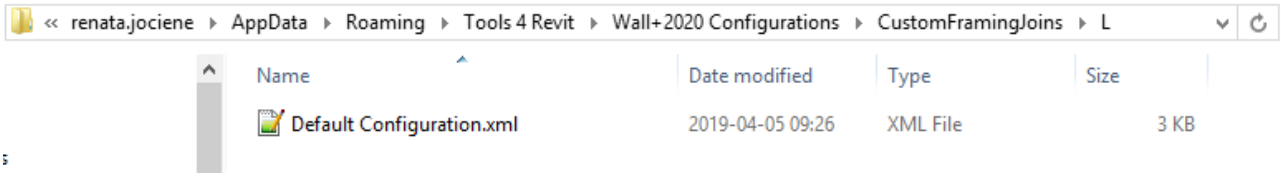


Custom Join



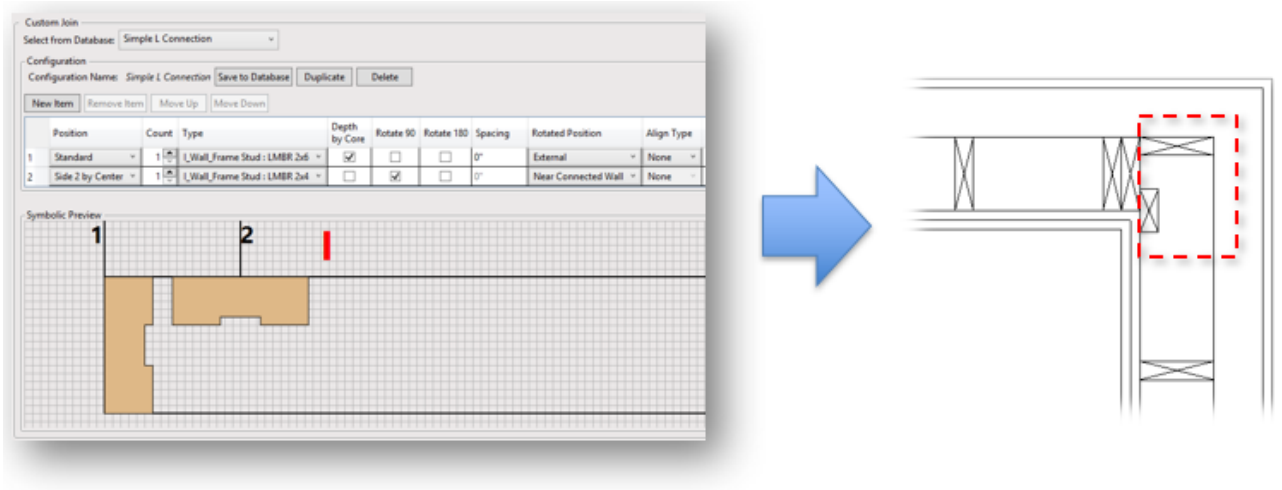
Custom Join – is a multi-functional dialog where user can define rules for joins including size, count, position, rotation, spacing, alignment etc. All these rules can be saved and used in other framing configurations or shared with other users. This type of dialog is used frequently in our products, so here you can find **Custom Join detailed description >>** **(https://agacad.freshdesk.com/support/solutions/articles/44001990031-custom-join)**

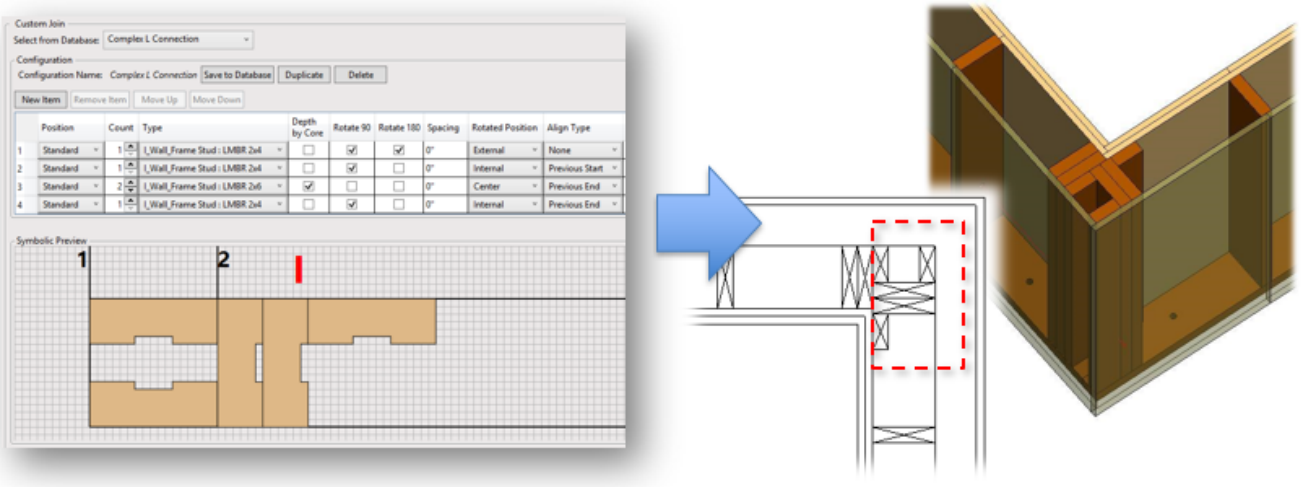
Default path to database with join configurations is:
C:\Users\user name\AppData\Roaming\Tools 4 Revit\Wall+2020 (or other version) Configurations\CustomFramingJoins

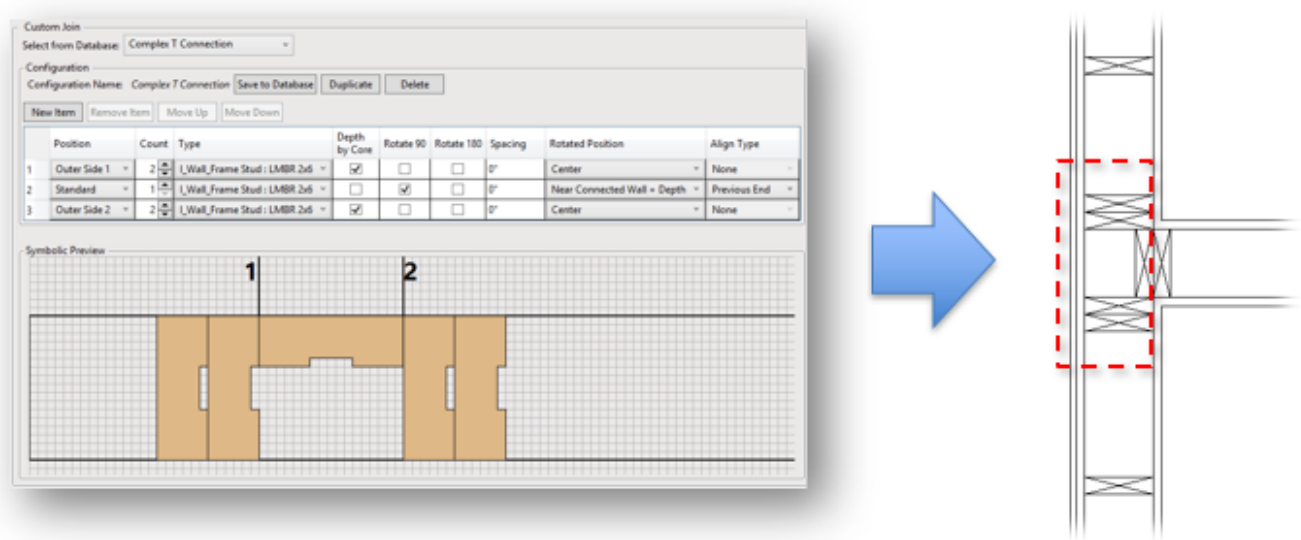


You can also modify the path to all configurations in **Configuration Files' Location**.

Samples of various joins

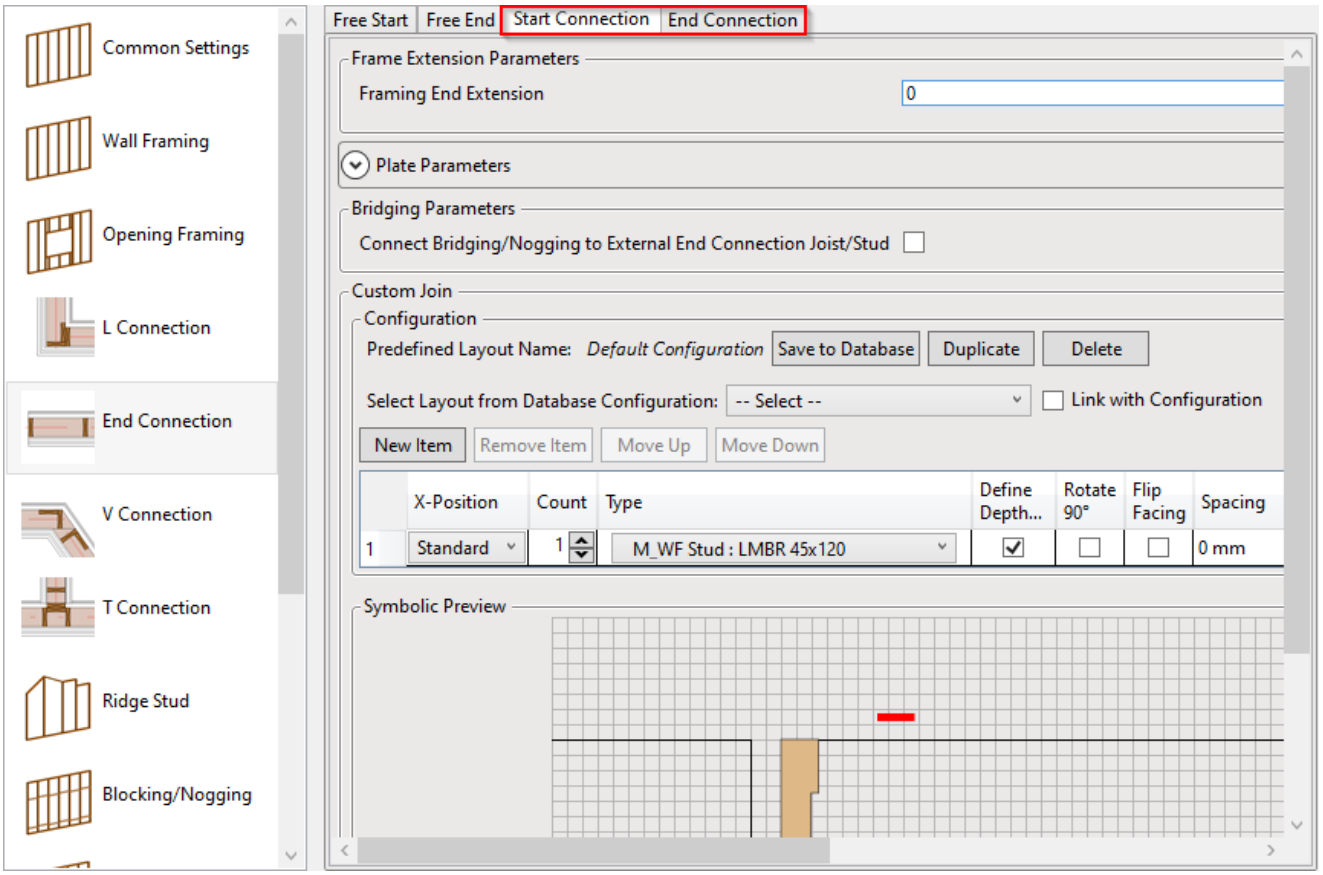




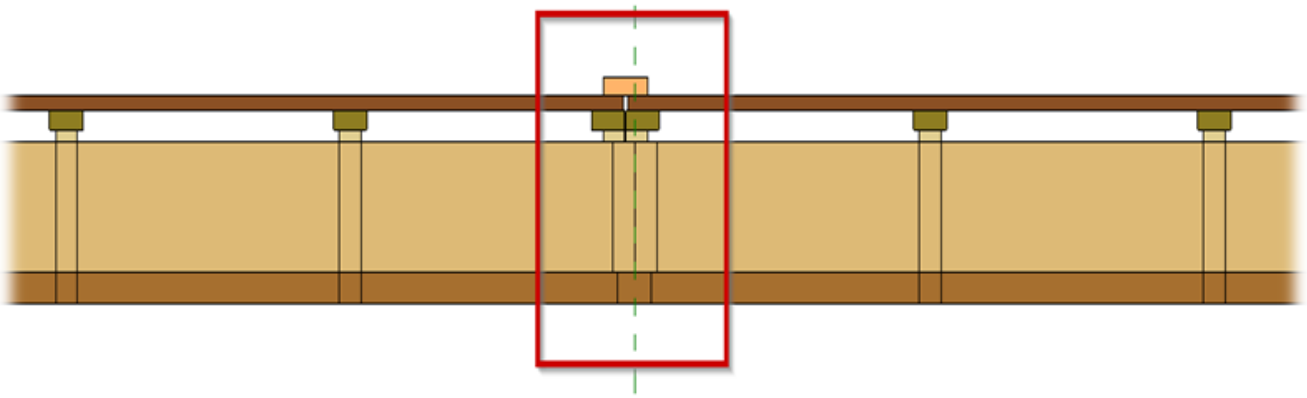


End Connection – Start/End Connection

Start/End Connection – predefine different start and end connections for a wall.

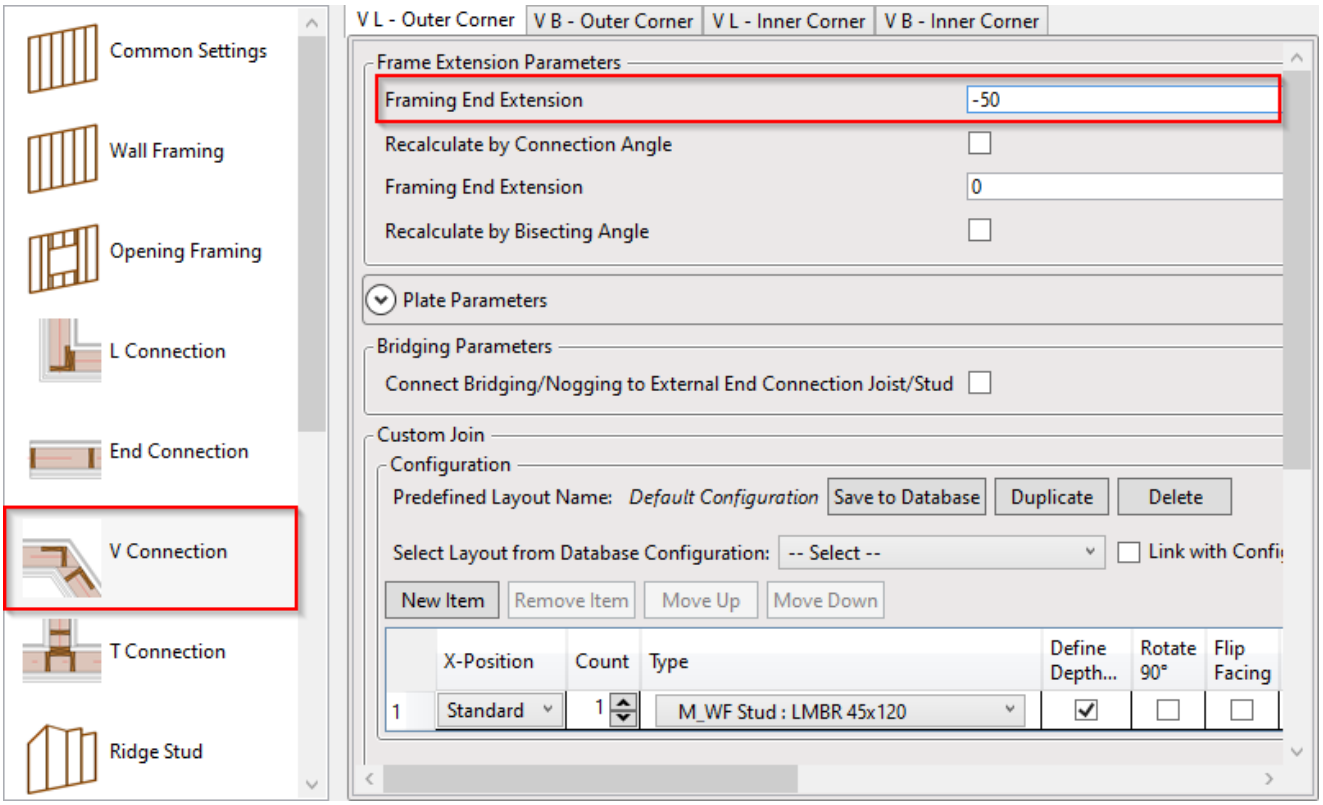


Example:

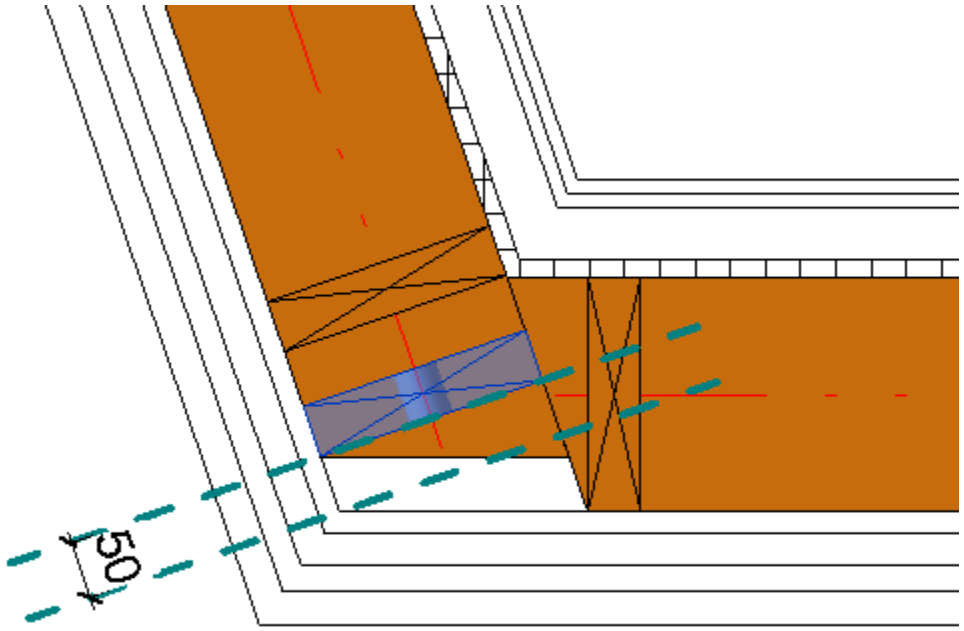


V Connection

Framing End Extension – an offset from the wall end.



Example with V Connection:

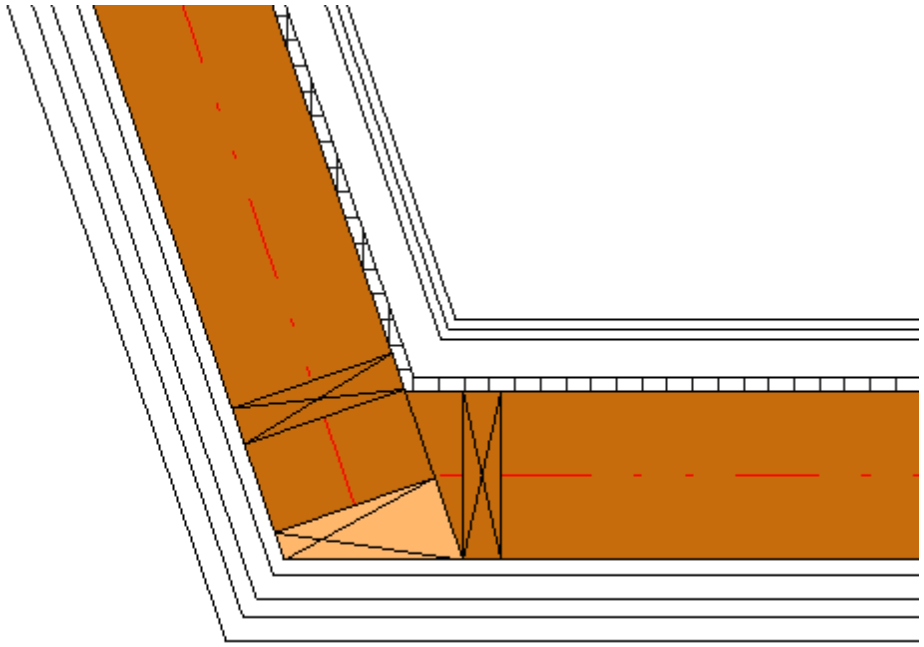


V Connection types

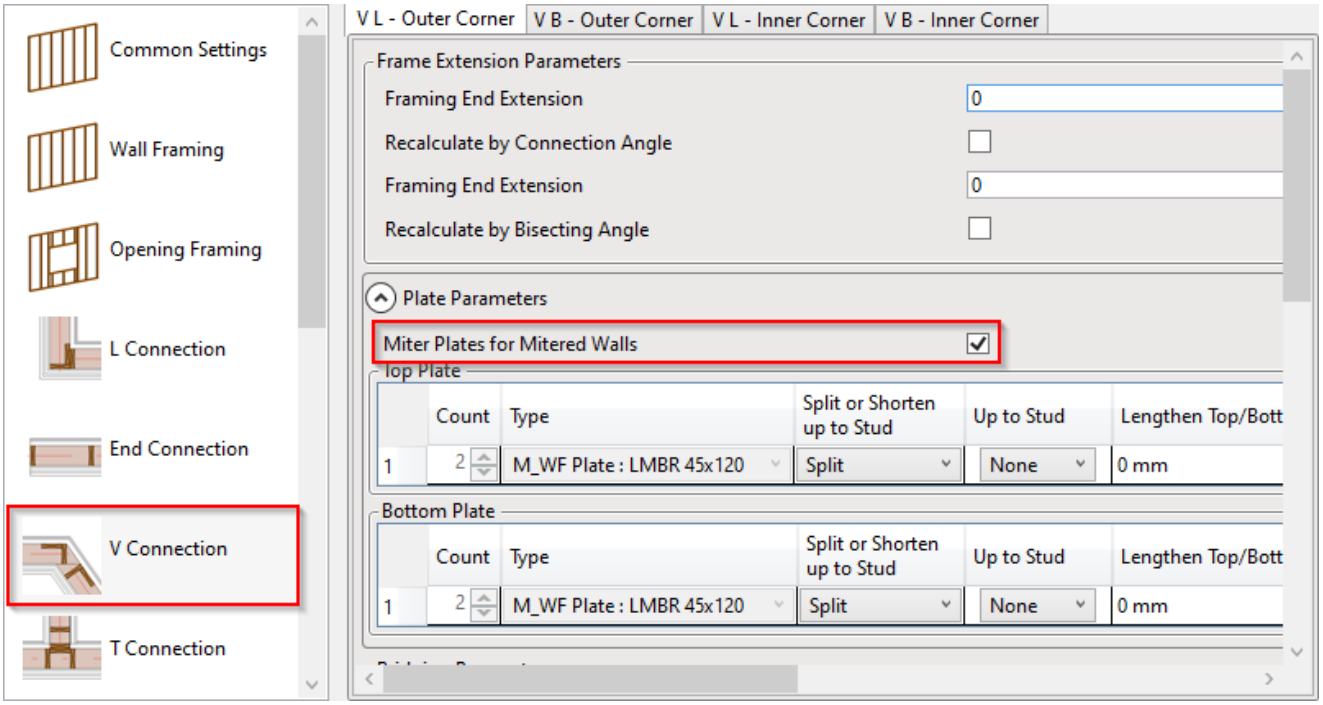
You can select different connection types from the list and then make a custom type.

If you select V1Y0X type, then use M_Wall_Frame RV_NA Stud family (in Metric projects) or I_Wall_Frame RV_NA Stud family (in Imperial projects).

Result:

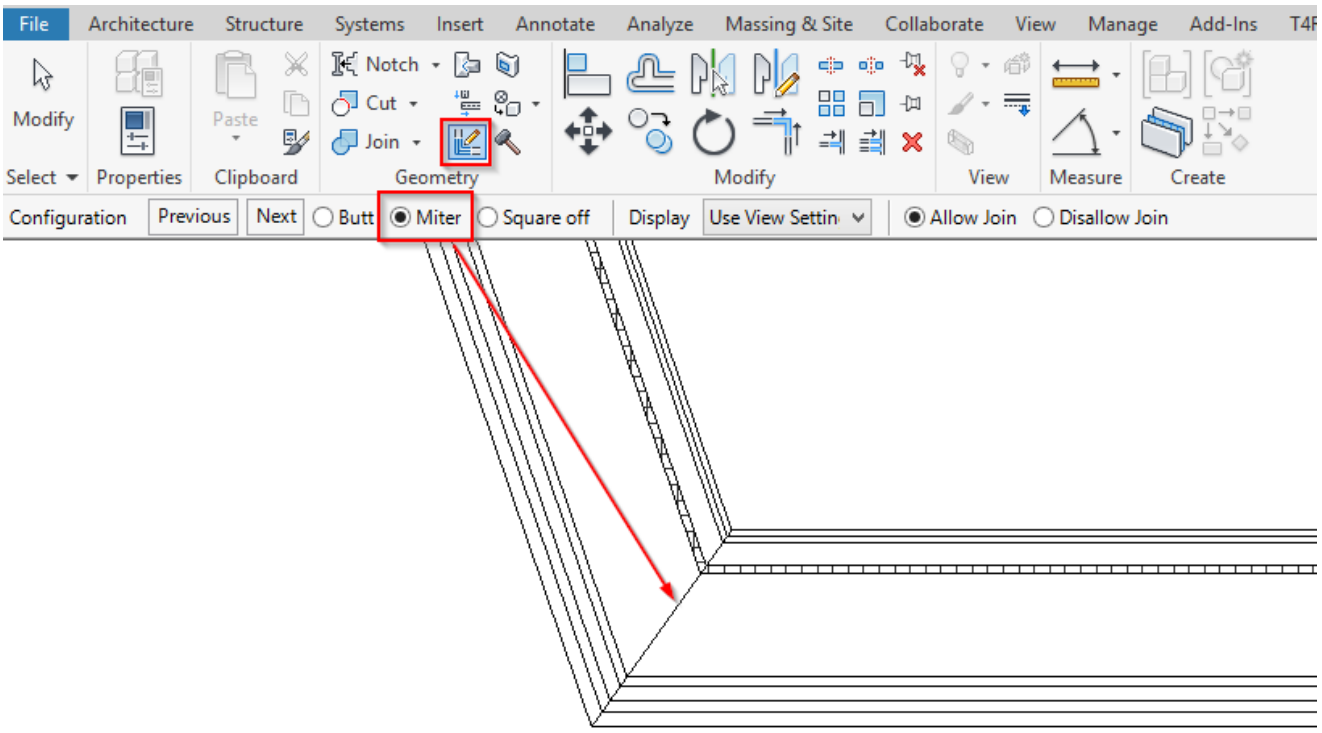


Miter Plates

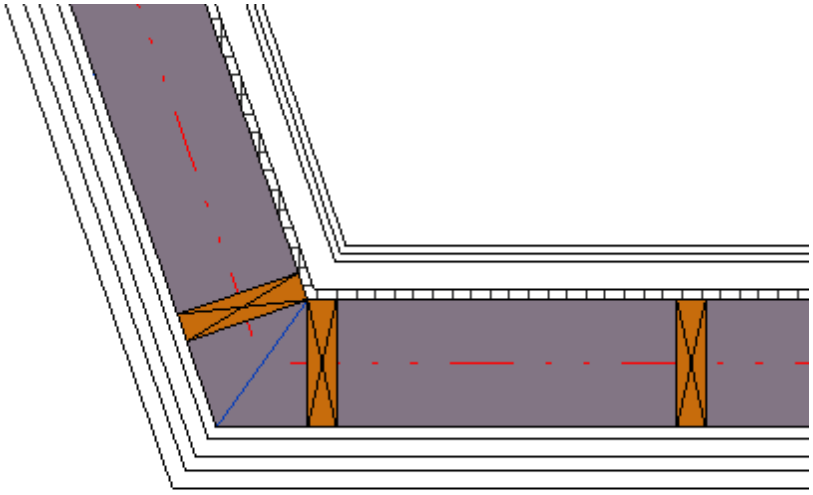


Miter Plates for Mitered Walls – informs that top/bottom plates will be mitered for mitered walls.

Mitered walls:

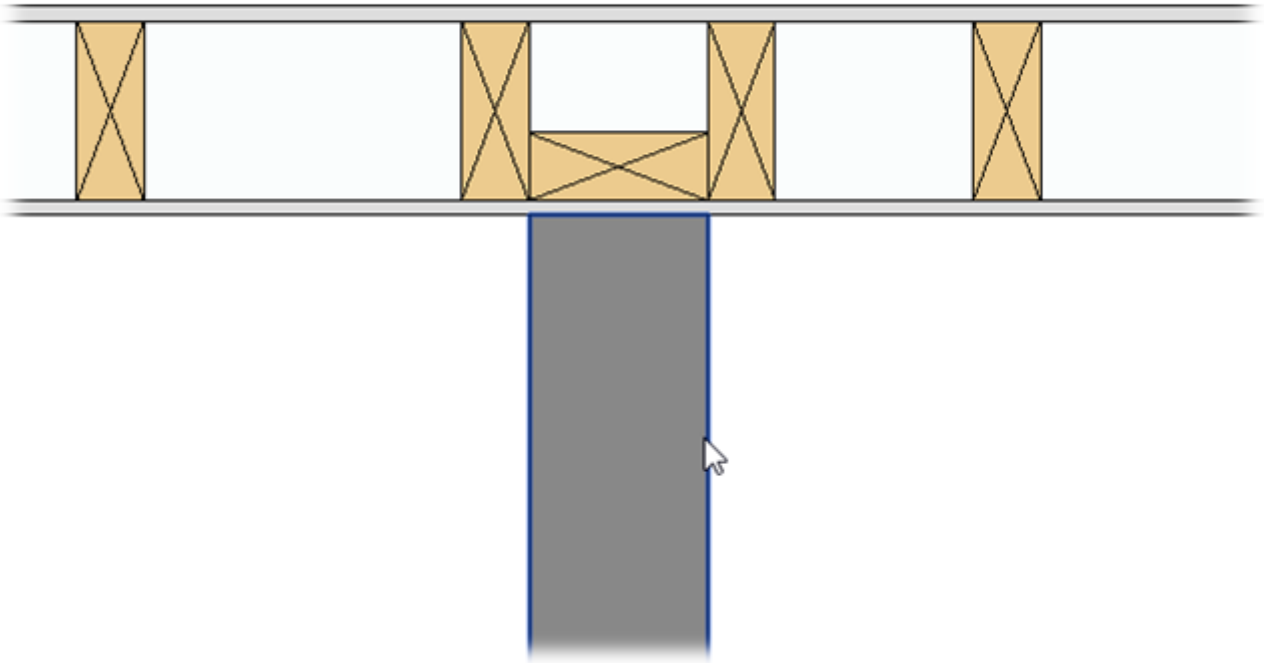


***Wall+** makes mitered top/bottom plates:*

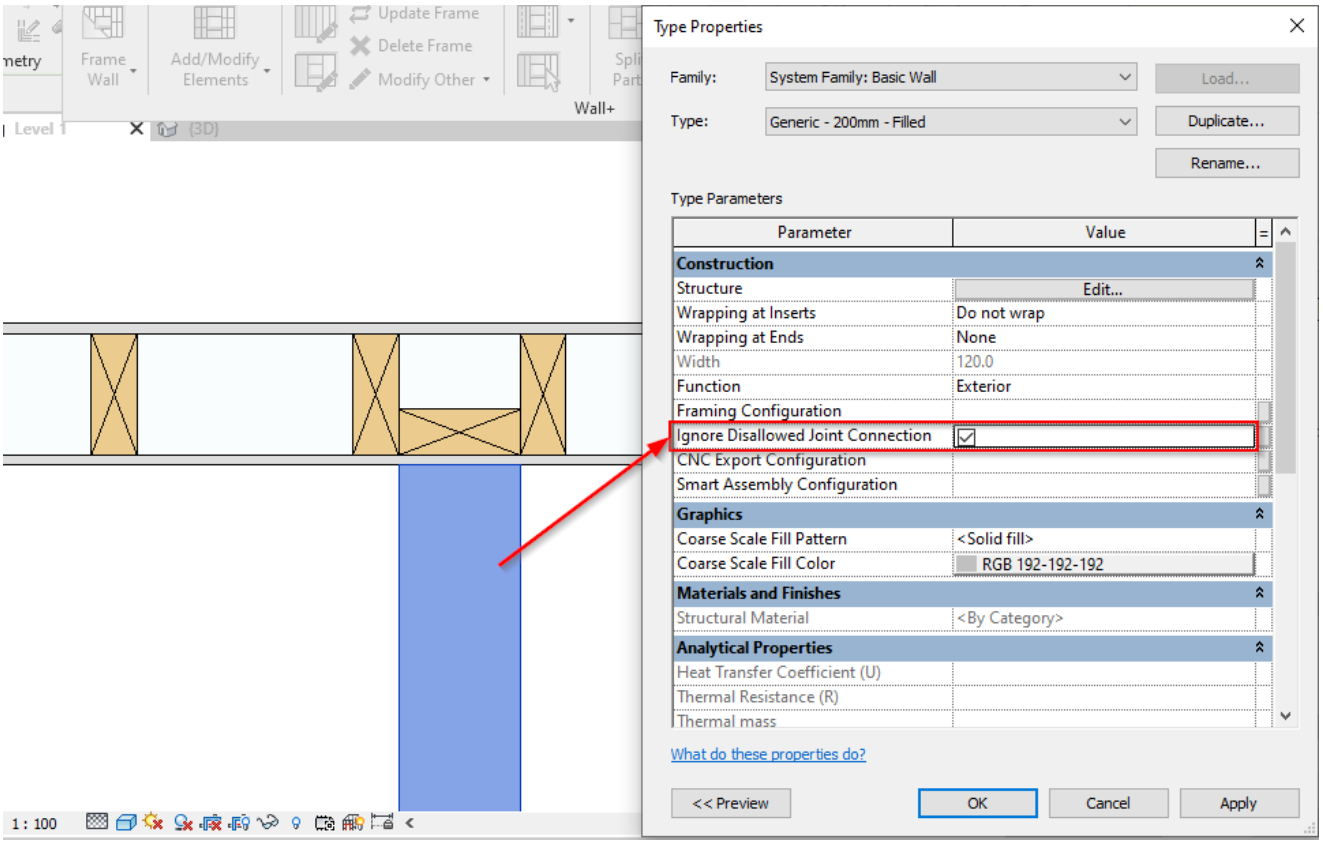


Disallow Join Walls

Let's say we have a situation when a wall is connected in the plan view, but it disallowed to join in Revit. By default, **Wall+** will recognize this situation as T connection:



To solve this, select joiner wall and find instance or type parameter **Ignore Disallowed Joint Connection**, make it ON. If it has such parameter with value = ON, T join will not be created.



Go to **Wall+** → **Update Frame** → no more T connection: