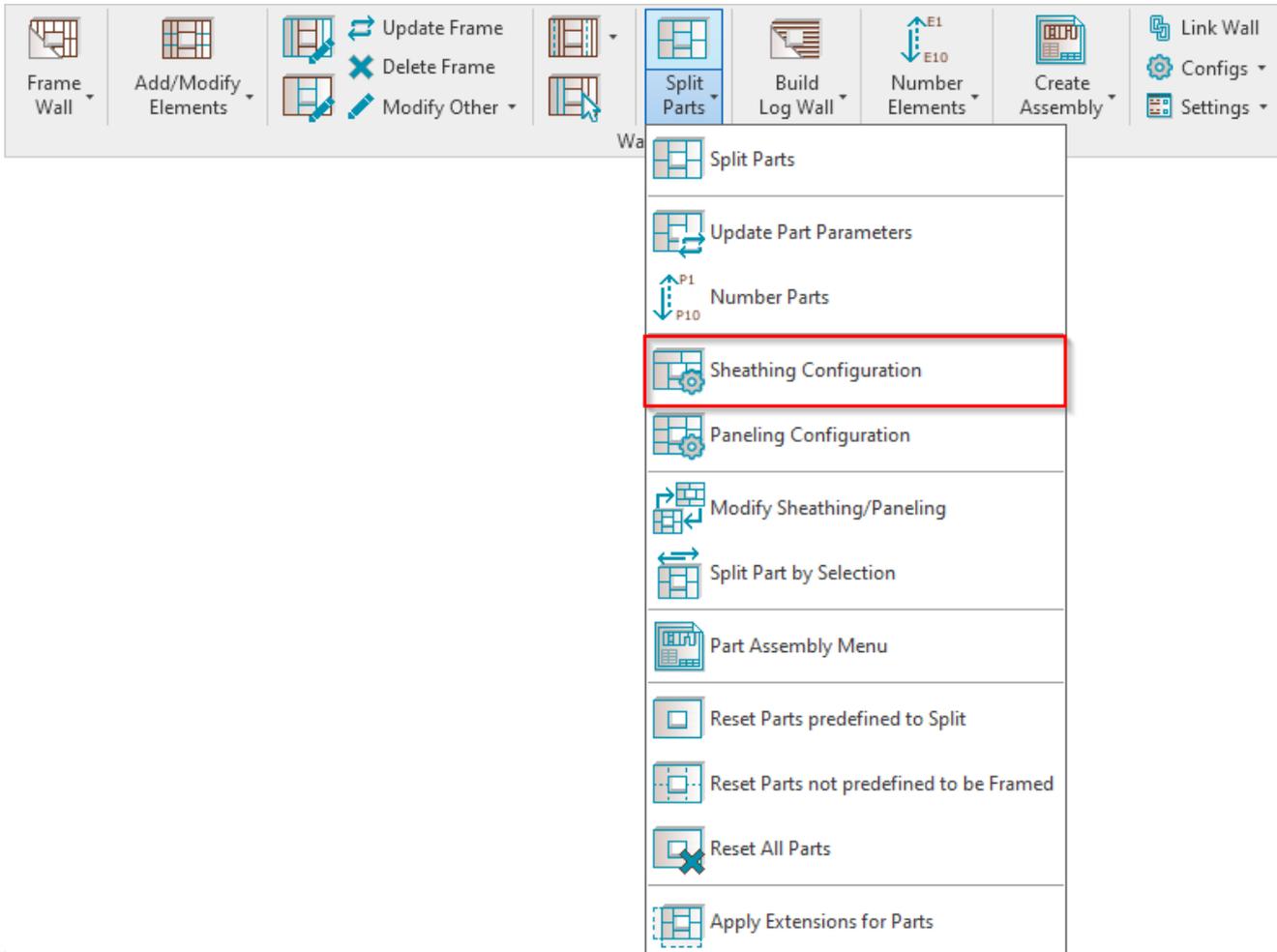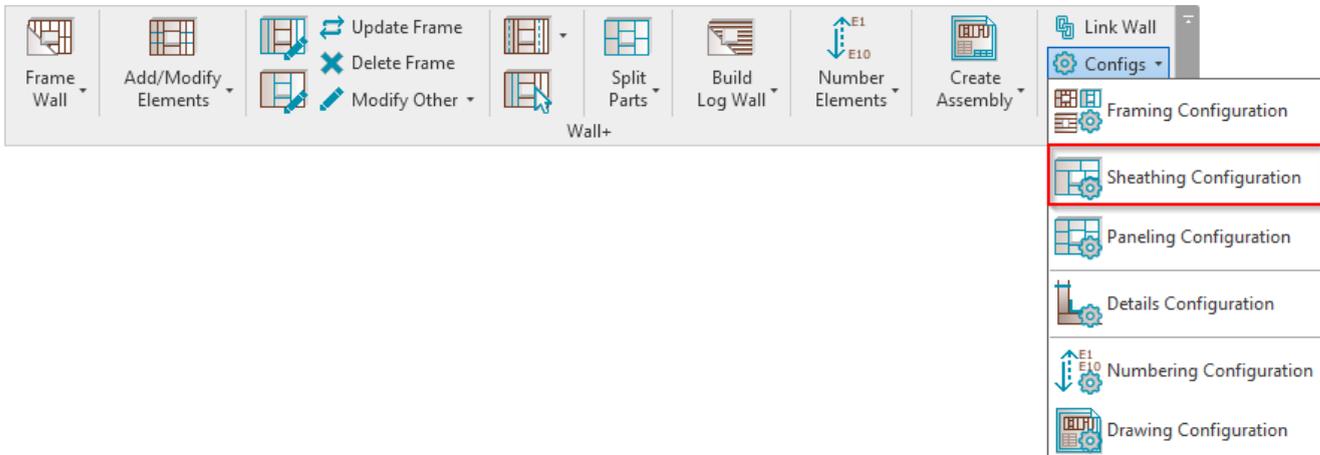# SHEATHING and PANELING LAYOUTS – Sheathing Configuration

Modified on: Sun, 3 Jan, 2021 at 6:38 PM
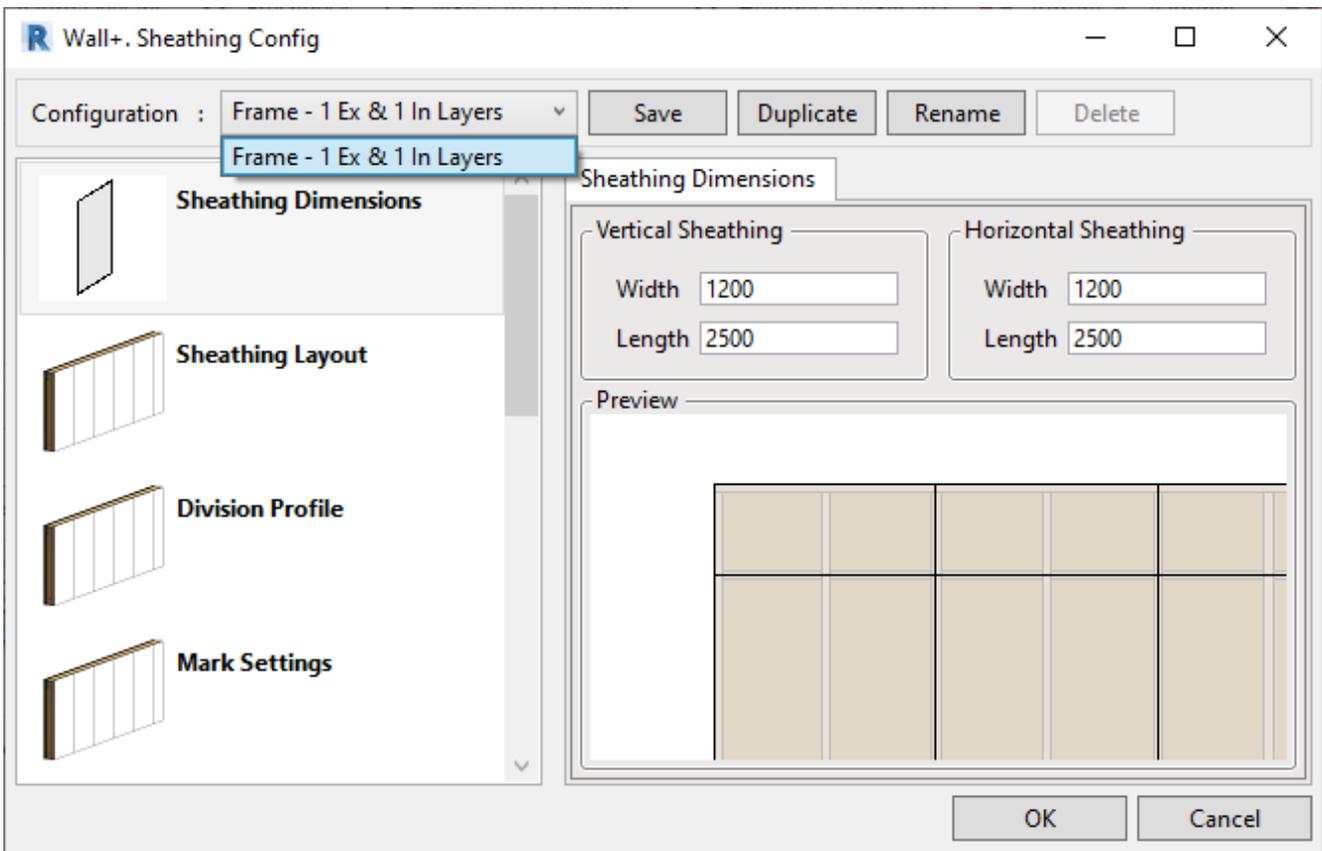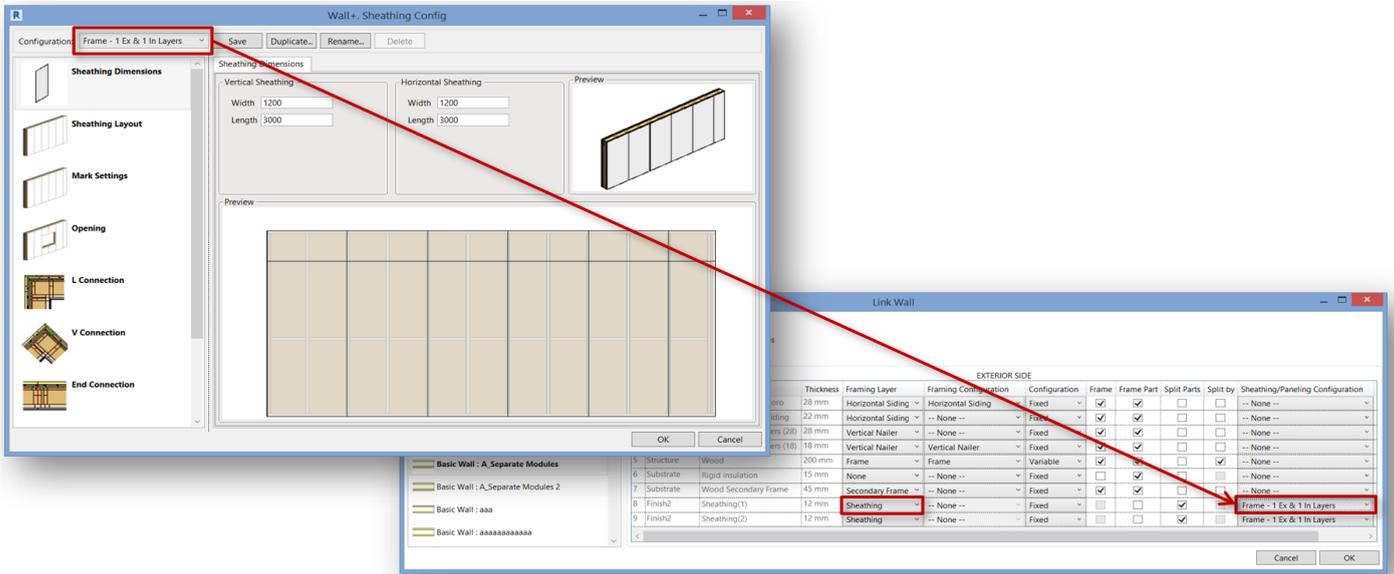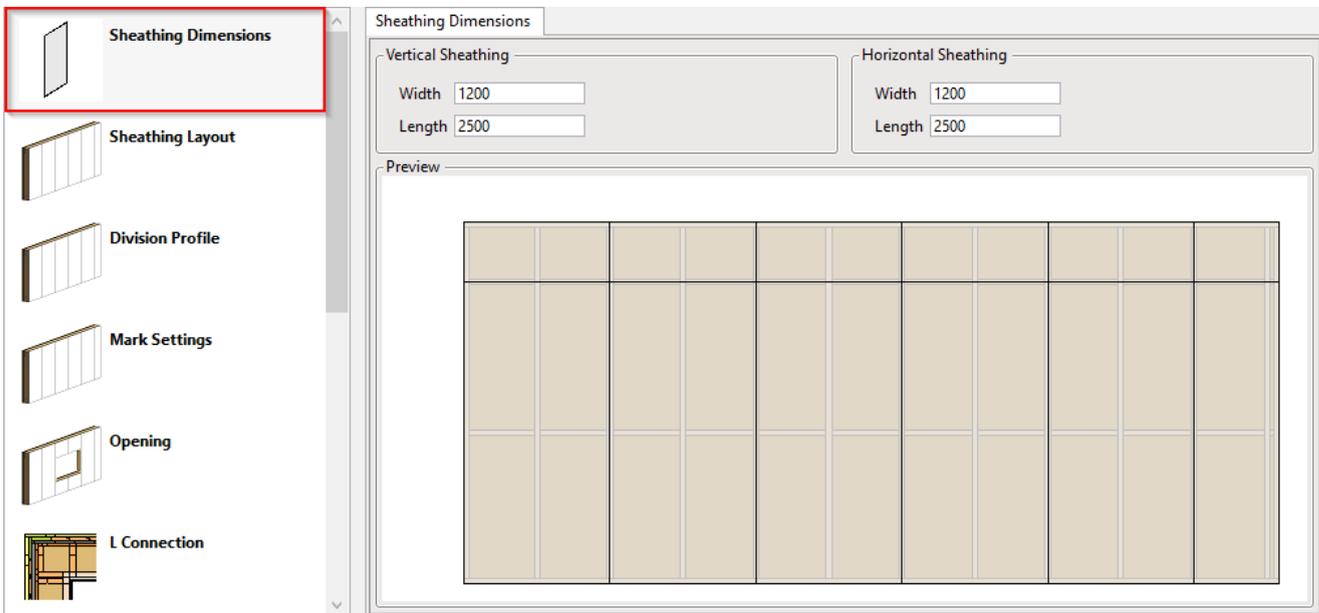
Sheathing Configuration

or:

Sheathing Configuration – allows you to configure and save settings for sheathing layouts. These settings can be saved and linked with wall layer using **Link Wall**.
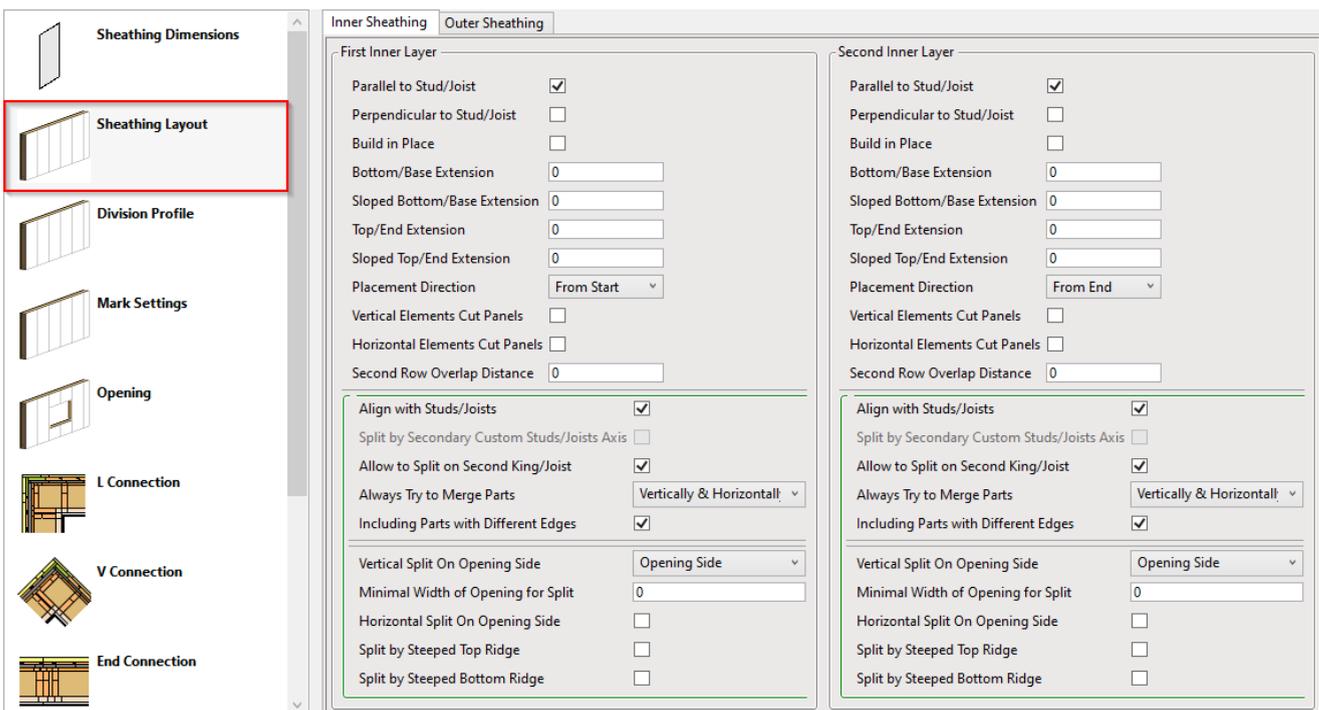
Sheathing Dimensions

Sheathing Dimensions – predefine vertical and horizontal sheathing sizes (Width and Length).
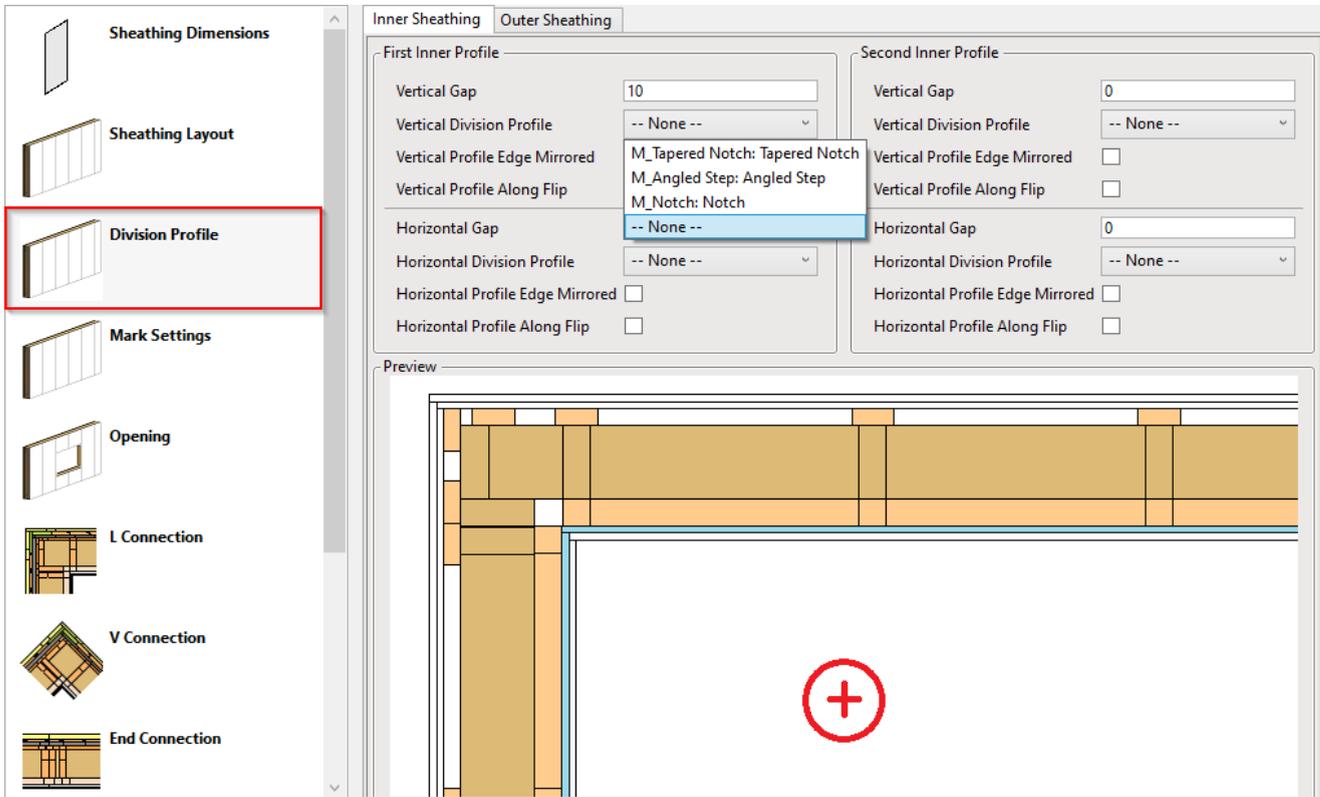
Sheathing Layout

Sheathing Layout – predefine settings for Inner and Outer sheathing layers.

Read more about every feature here >> (https://agacad.freshdesk.com/support/solutions/articles/44002140222-sheathing-and-paneling-layouts-%E2%80%93-sheathing-configuration-%E2%80%93-sheathing-layout)
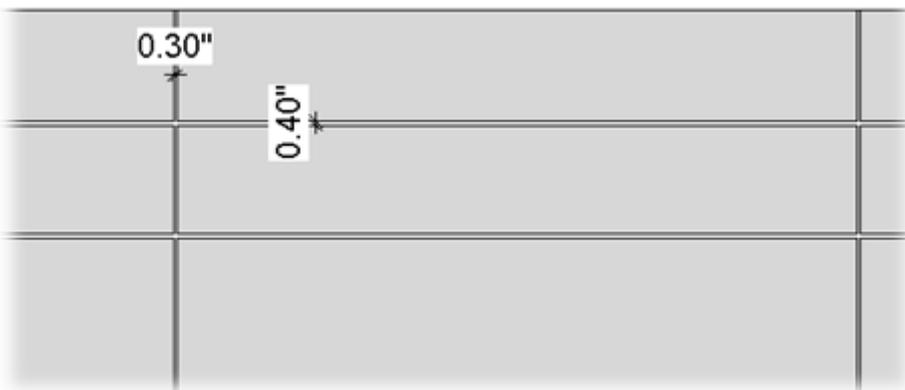
Division Profile

Division Profile – apply the pre-loaded profile and settings to part edges along dividers.
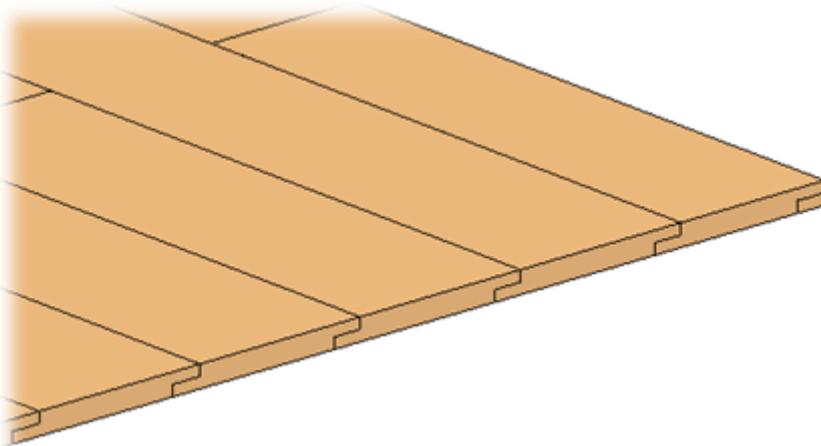
Horizontal/Vertical Gap – specifies the distance between divided horizontal and vertical parts. The default value is 0, which results in no gap.
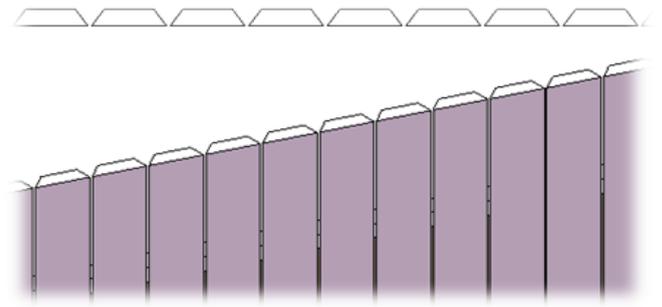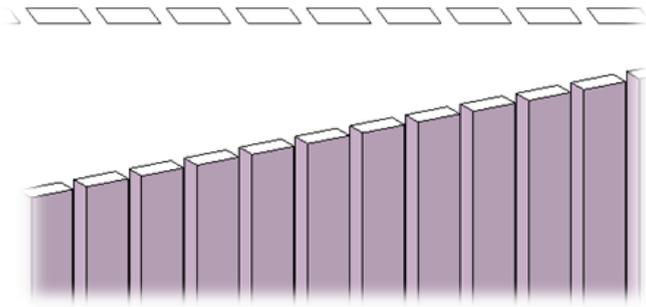

Horizontal/Vertical Division Profile – apply the pre-loaded profile you select from the drop-down list to part edges along dividers. The default value is None.

Horizontal/Vertical Profile Edge Mirrored – specify how the profiles on the other side of a divider gap will be oriented.
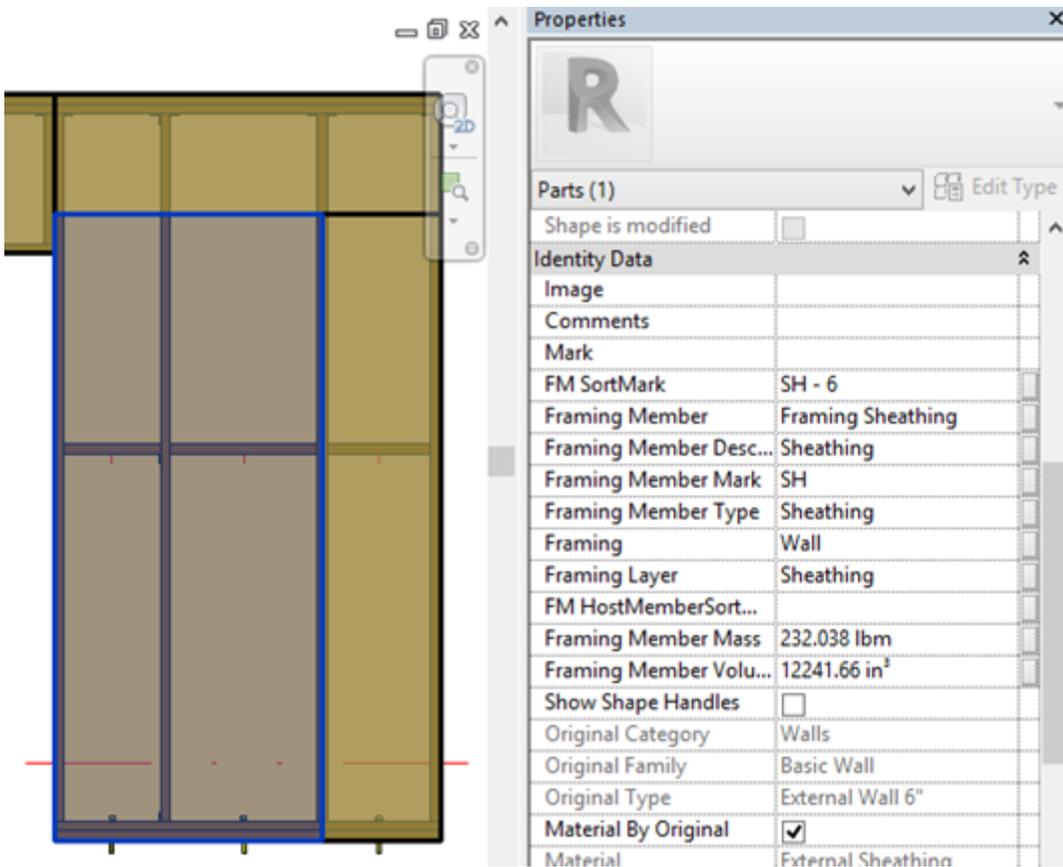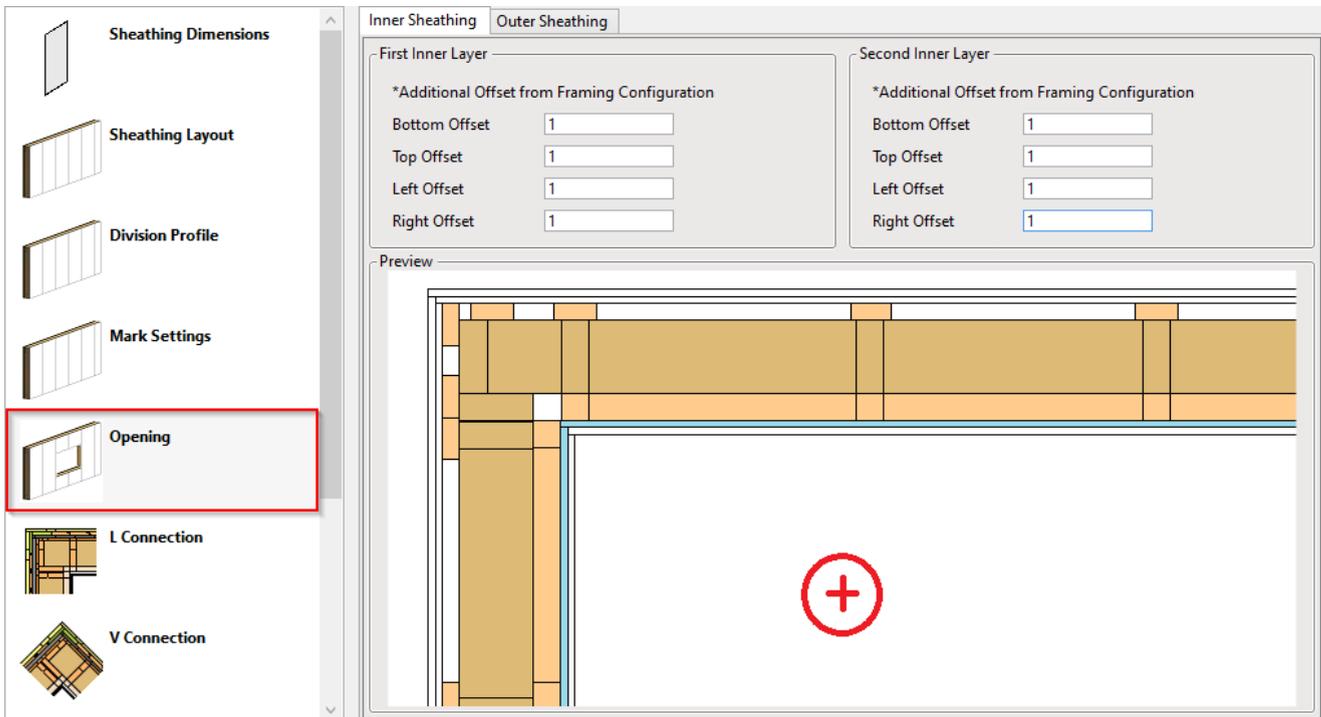
unticked   ticked

Mark Settings

Mark Settings – predefine default values for these parameters for later use in schedules and tags.

Opening

Opening – predefine top, bottom, left, and right sheathing offsets from a window, door, or other opening.

L Connection, V Connection, End Connection, T Connection

L Connection, V Connection, End Connection, T Connection – predefine sheathing settings for different wall connections.

Layer Extension – distance from a wall face.

*Example: For the free end connection, **Layer Extension** = 150:*
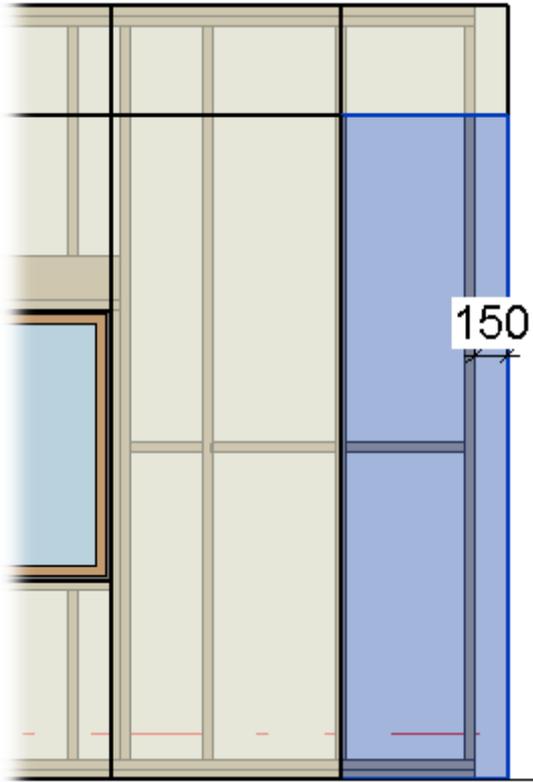
Split at Stud – define the number of studs where the sheathing must be split.

*Example: **Split at Stud** = 1:*

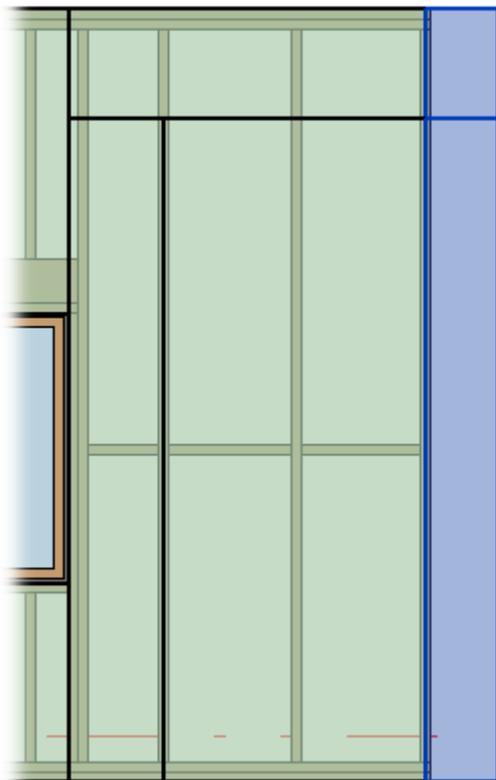**Build in Place** – writes Yes/No information into the sheathing instance parameter if it is build-in-place or is prefabricated with the whole wall frame. This parameter can later be used in schedules or view filters.

Excluded – removes the sheathing (part) from the model. Excluded sheathings are only visible when under the cursor and will not be included in schedules.

Properties

Parts (1)

Constraints

Base Level	Level 2

Construction

Link to Connected Wall	✓
Framing Configuration	
Build in Place	✓
Part Detail Configuration	
Assembly Mass	
Element Mass	
Assembly Created-Updated	
Details Created-Updated	
DC	

Dimensions

Volume	0.012 m³
Area	0.968 m²
Length	322.5
Height	3000.0
Thickness	12.0
Excluded	✓
Shape is modified	

Identity Data