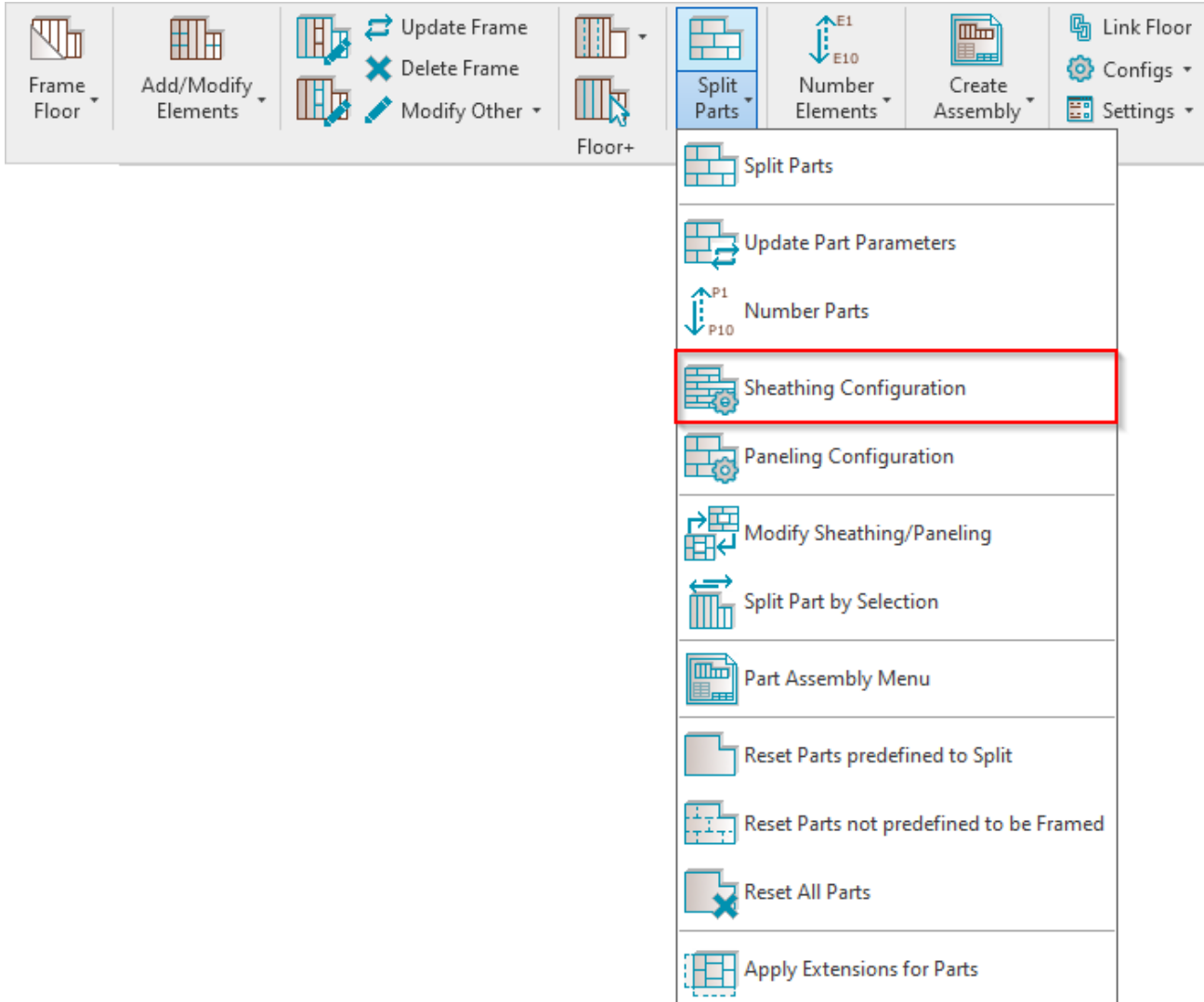


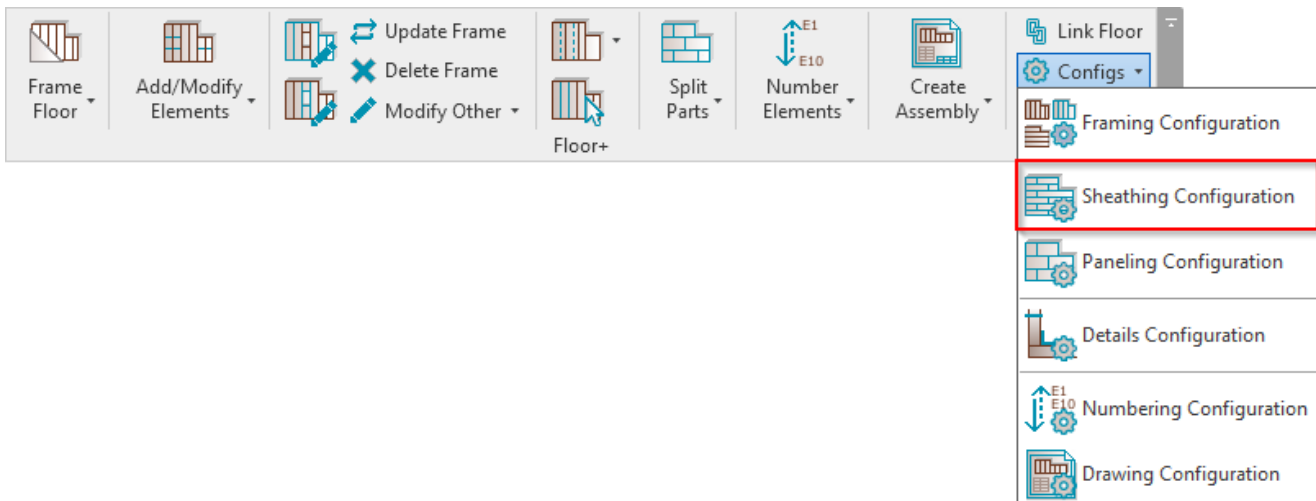
# SHEATHING and PANELING LAYOUTS – Sheathing Configuration

Modified on: Sat, 9 Jan, 2021 at 5:46 PM

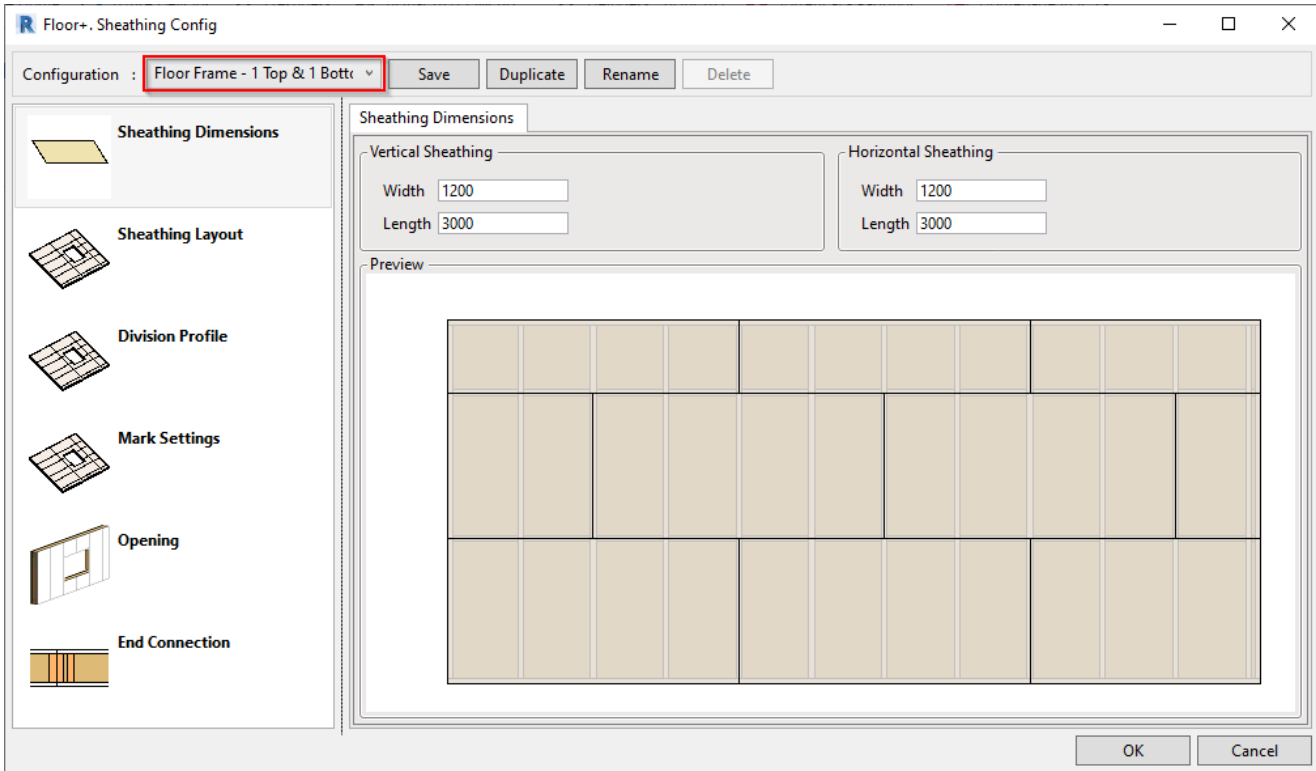
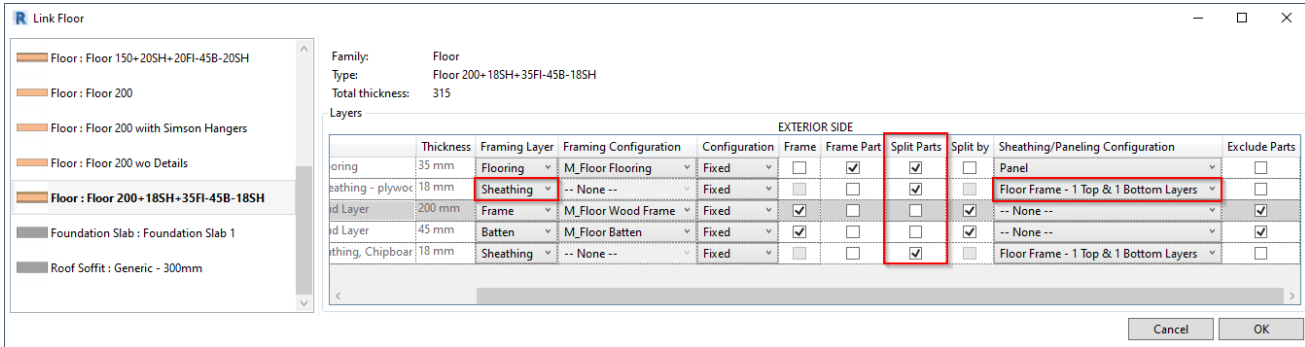
## Sheathing Configuration



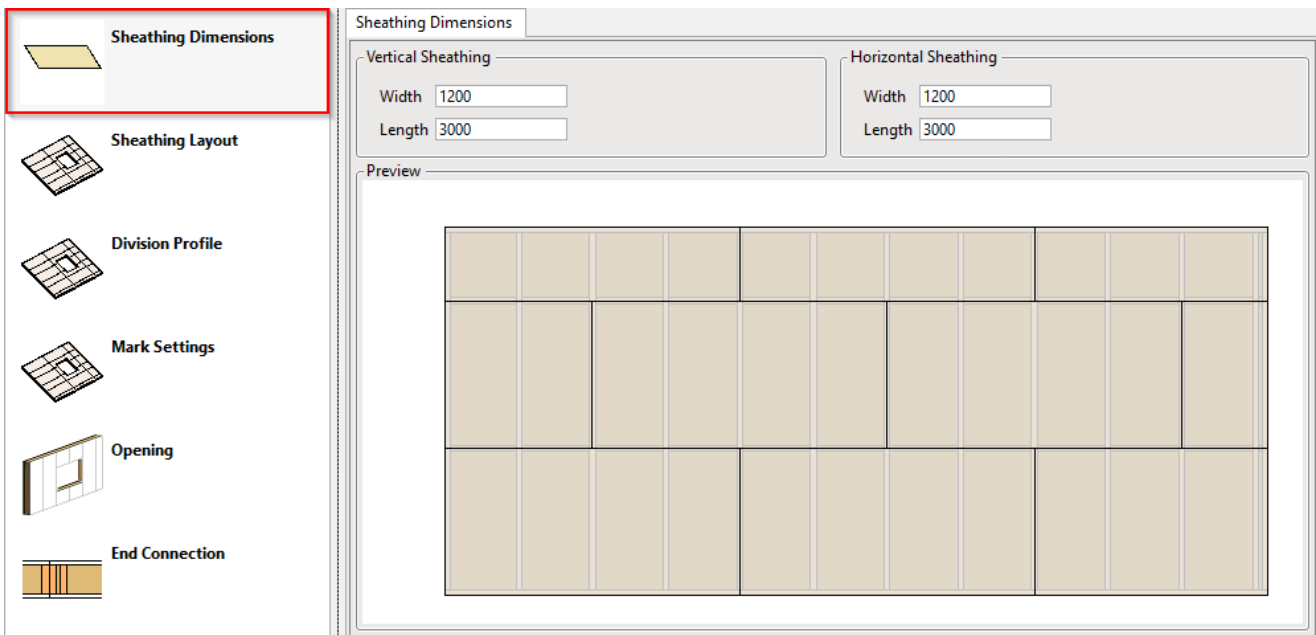
OR:



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

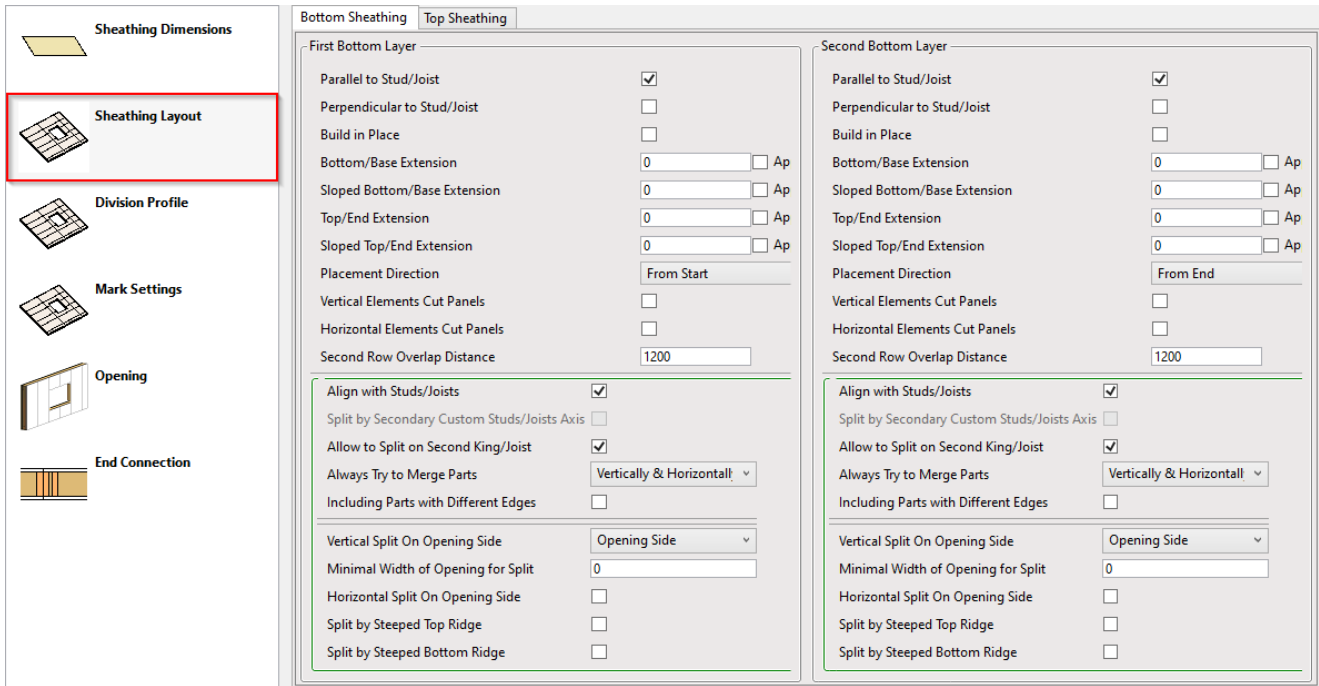


## Sheathing Dimensions



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

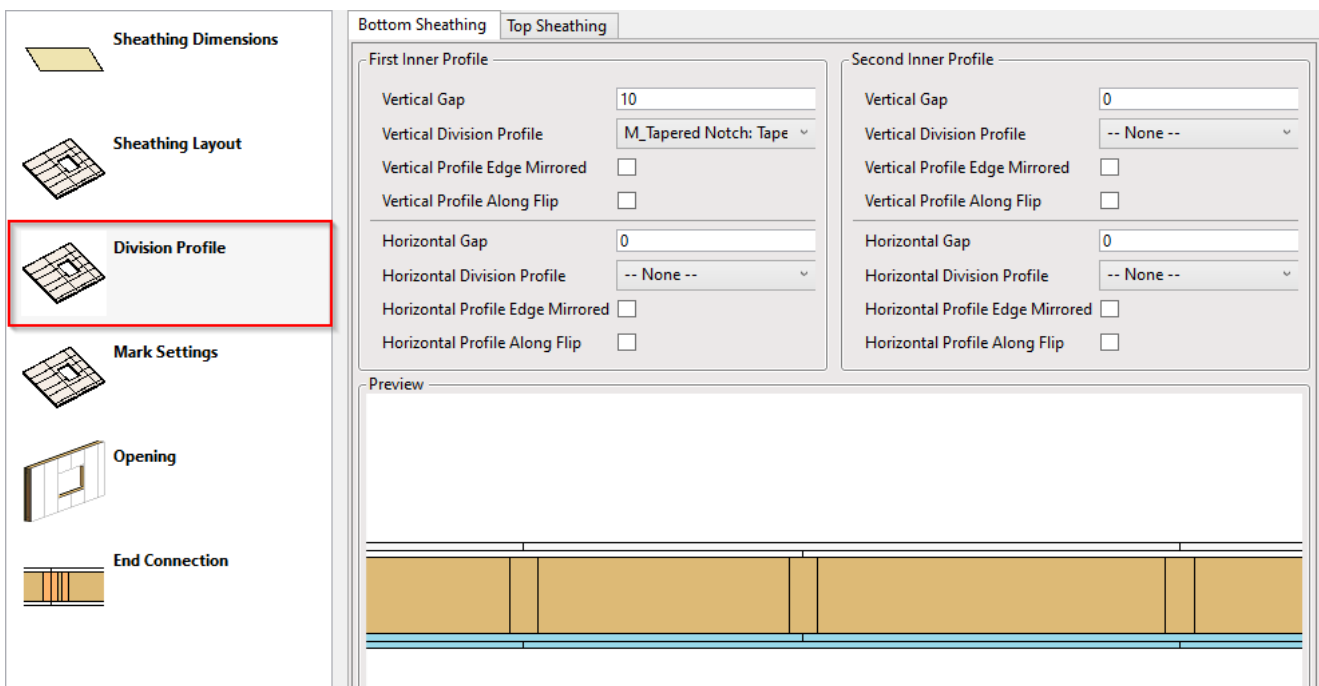
## Sheathing Layout



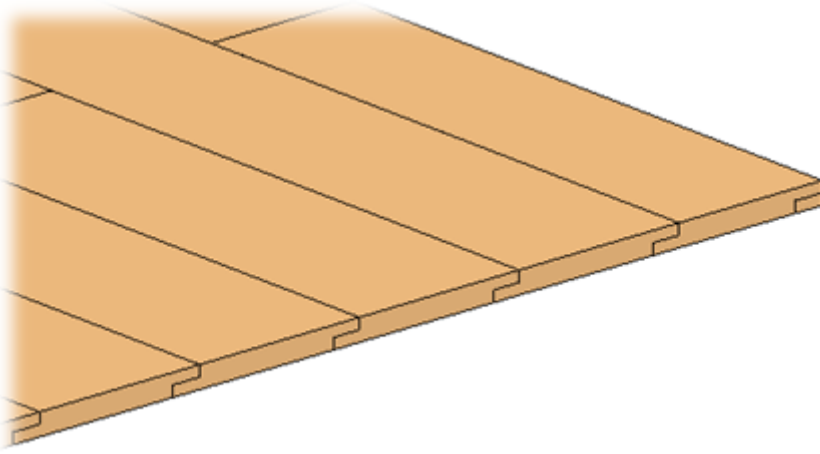
Sheathing Layout – predefine settings for Top and Bottom sheathing layers.

[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) (<https://agacad.freshdesk.com/support/solutions/articles/44002140222-sheathing-and-paneling-layouts-%E2%80%93-sheathing-configuration-%E2%80%93-sheathing-layout>)

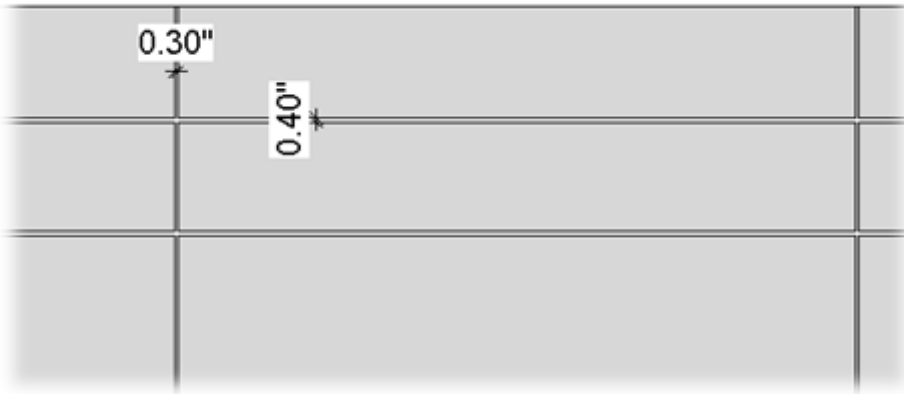
## Division Profile



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.

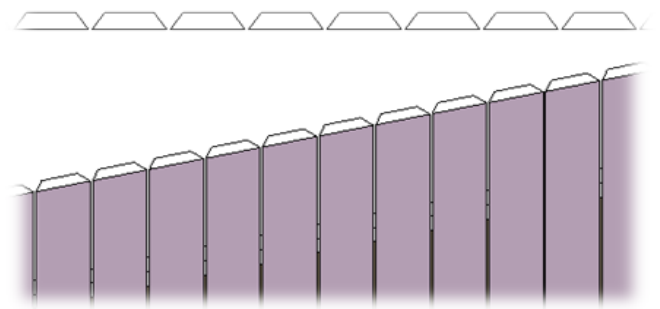
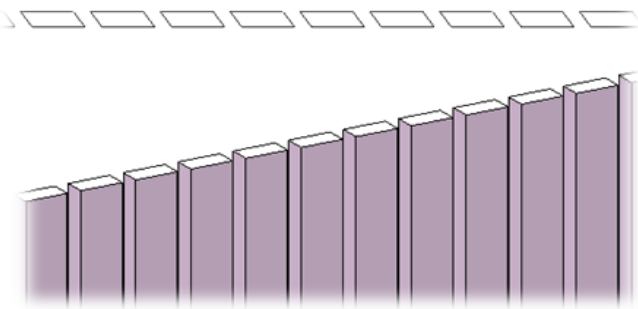


**Horizontal/Vertical Division Profile** – apply the pre-loaded profile you select from the drop-down list to part edges along dividers. The default value is None.

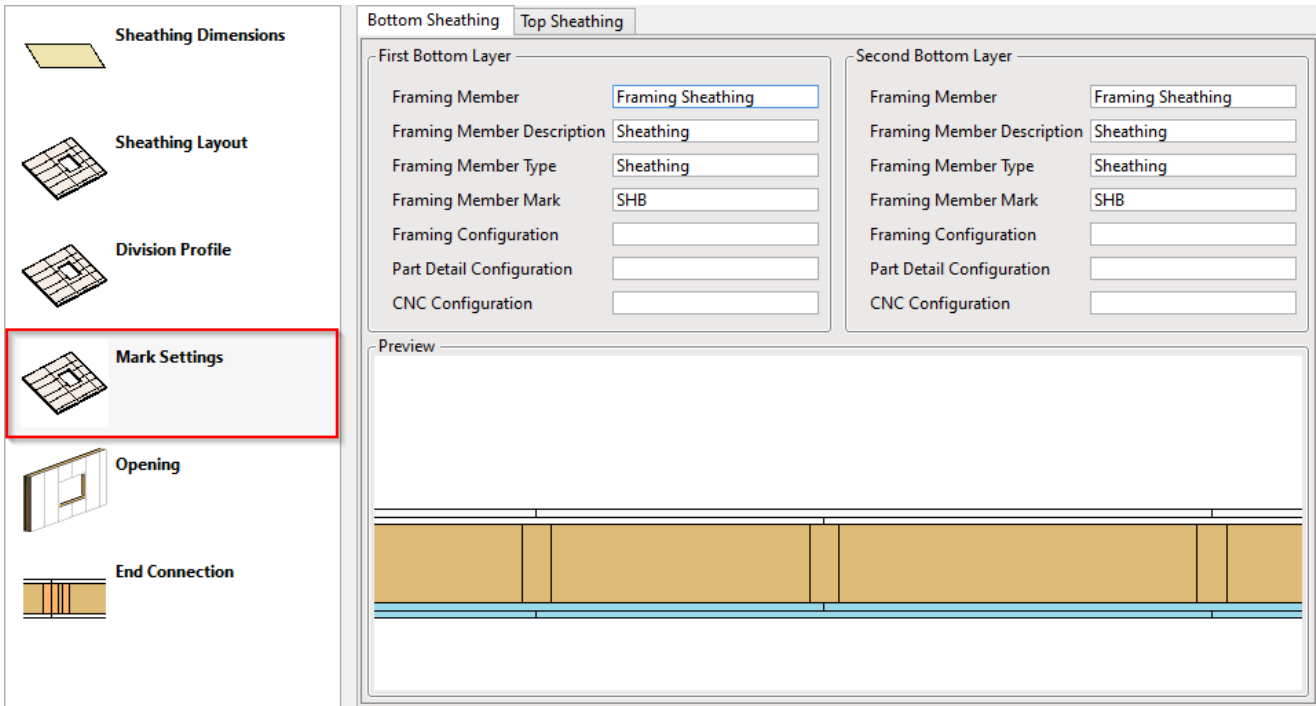
**Horizontal/Vertical Profile Edge Mirrored** – specify how the profiles on the other side of a divider gap will be oriented.

unticked

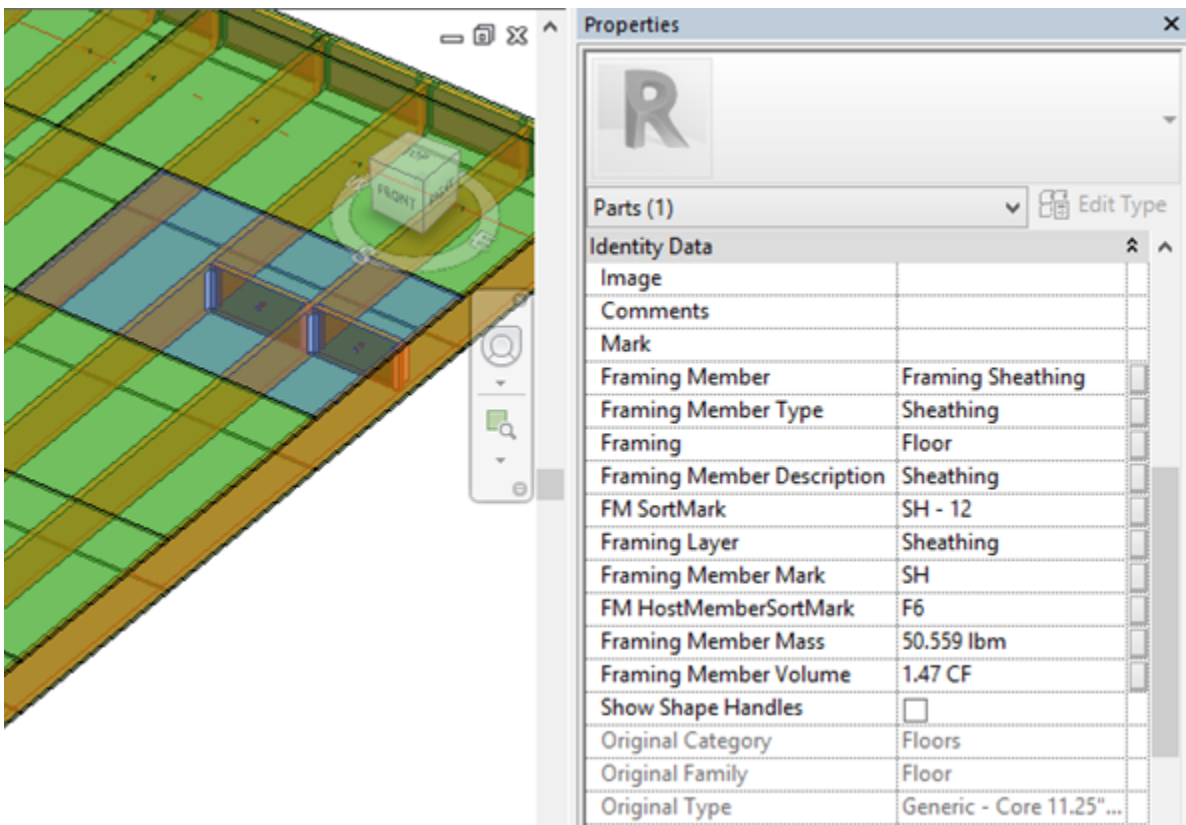
ticked



## Mark Settings




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




**Opening**


**Sheathing Dimensions**




**Sheathing Layout**



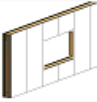
**Division Profile**




**Mark Settings**



**Opening**



**End Connection**



Bottom Sheathing
Top Sheathing

**First Bottom Layer**

*\*Additional Offset from Framing Configuration*

Bottom Offset

Top Offset

Left Offset

Right Offset

**Second Bottom Layer**

*\*Additional Offset from Framing Configuration*

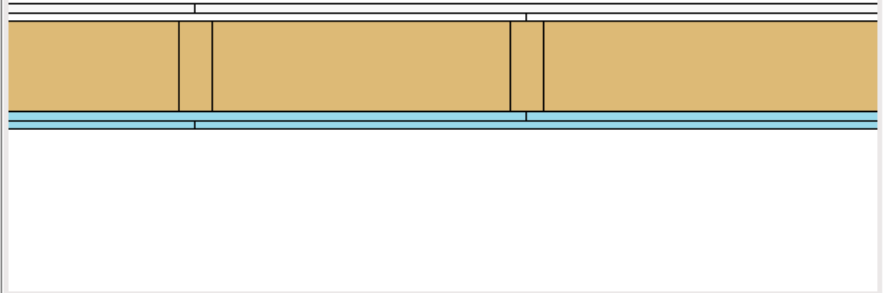
Bottom Offset

Top Offset

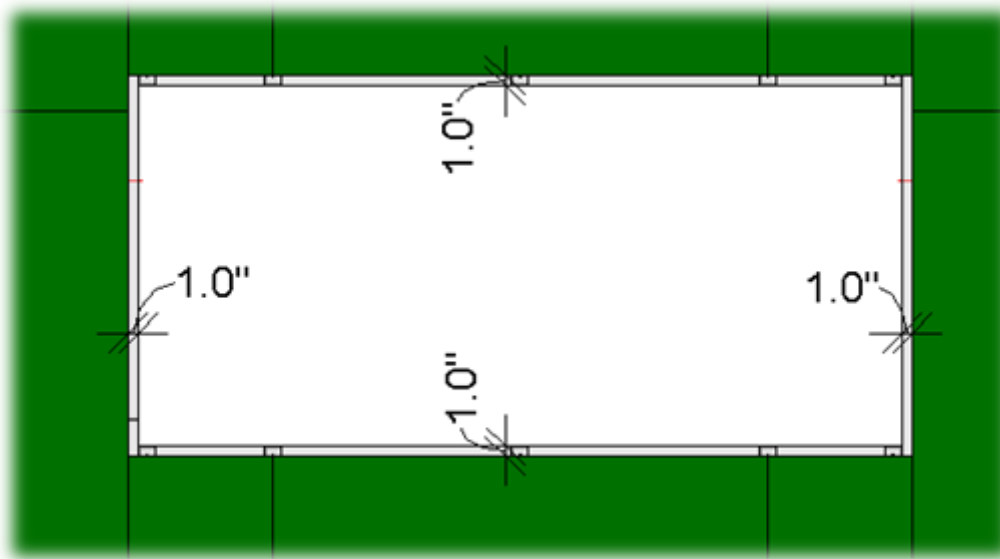
Left Offset

Right Offset

Preview




**Opening** – predefine top, bottom, left, and right sheathing offsets from opening.




**End Connection**


**Sheathing Dimensions**




**Sheathing Layout**



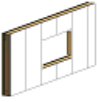
**Division Profile**




**Mark Settings**



**Opening**



**End Connection**



Free End - Start Sheathing
Free End - End Sheathing

**End Connection - Bottom Sheathing**

Layer Extension

Split at Joist

Build in Place

Excluded

Offset Distance

**End Connection - Top Sheathing**

Layer Extension

Split at Joist

Build in Place

Excluded

Offset Distance

**End Connection - Bottom Sheathing Second Layer**

Layer Extension

Split at Joist

Build in Place

Excluded

Offset Distance

**End Connection - Top Sheathing Second Layer**

Layer Extension

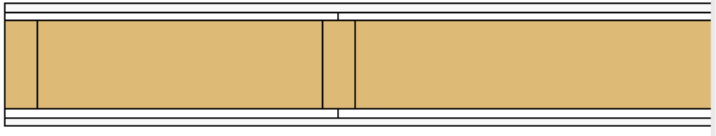
Split at Joist

Build in Place

Excluded

Offset Distance

Preview


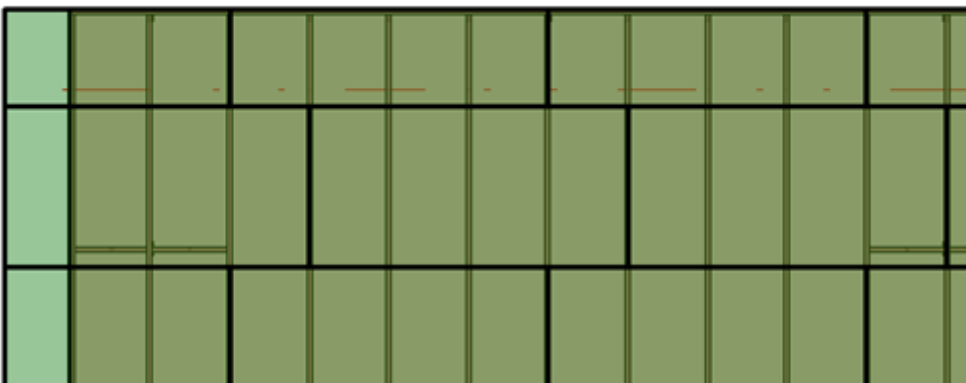


**End Connection** – predefine sheathing settings for floor end connections.

**Layer Extension** – distance from floor face.

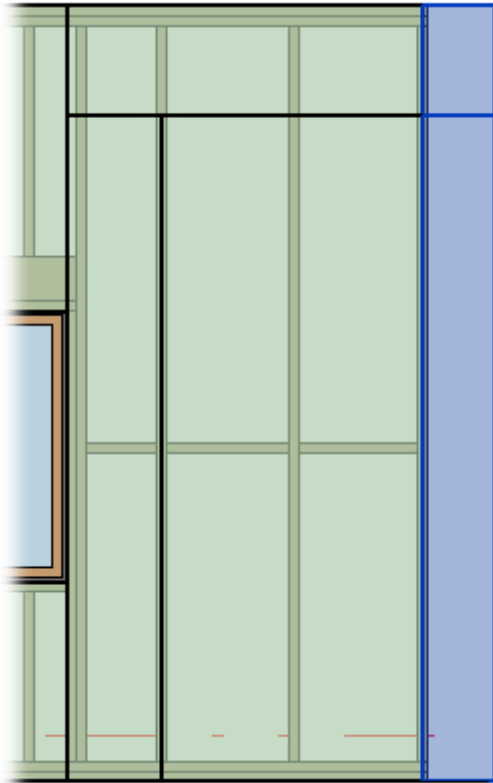
*Example: For the free end connection, **Layer Extension** = 20:*

20.00

**Split at Joist** – define the joist number at which the sheathing must be split.

*Example: **Split at Joist** = 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 floor frame. This parameter can later be used in schedules or view filters.

Properties

Parts (1) Edit Type

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 m <sup>3</sup>
Area	0.968 m <sup>2</sup>
Length	322.5
Height	3000.0
Thickness	12.0

**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

**R**

Parts (1) Edit Type

Constraints

Base Level

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 m<sup>3</sup>

Area 0.968 m<sup>2</sup>

Length 322.5

Height 3000.0

Thickness 12.0

**Excluded**

Shape is modified

Identity Data

