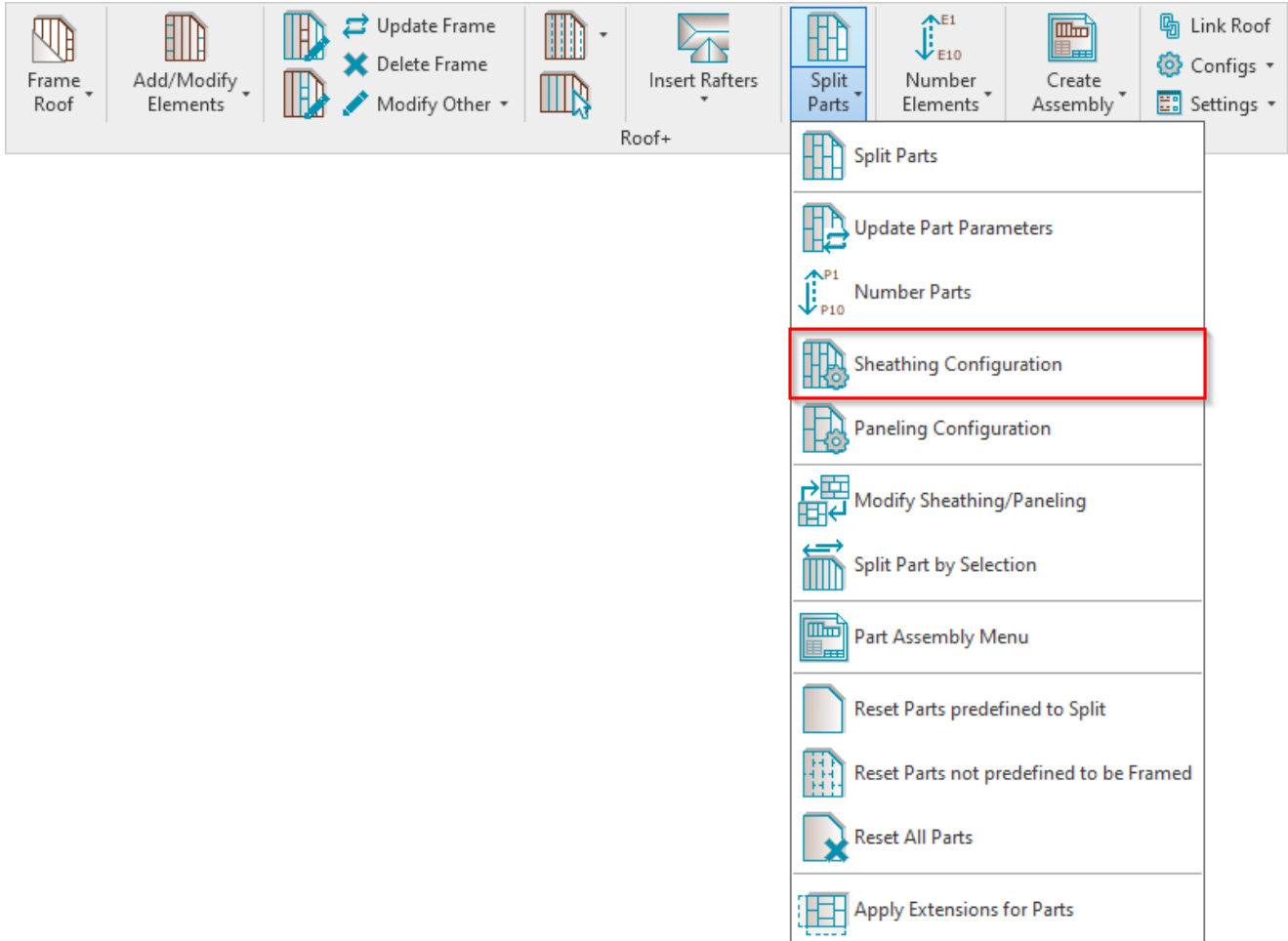


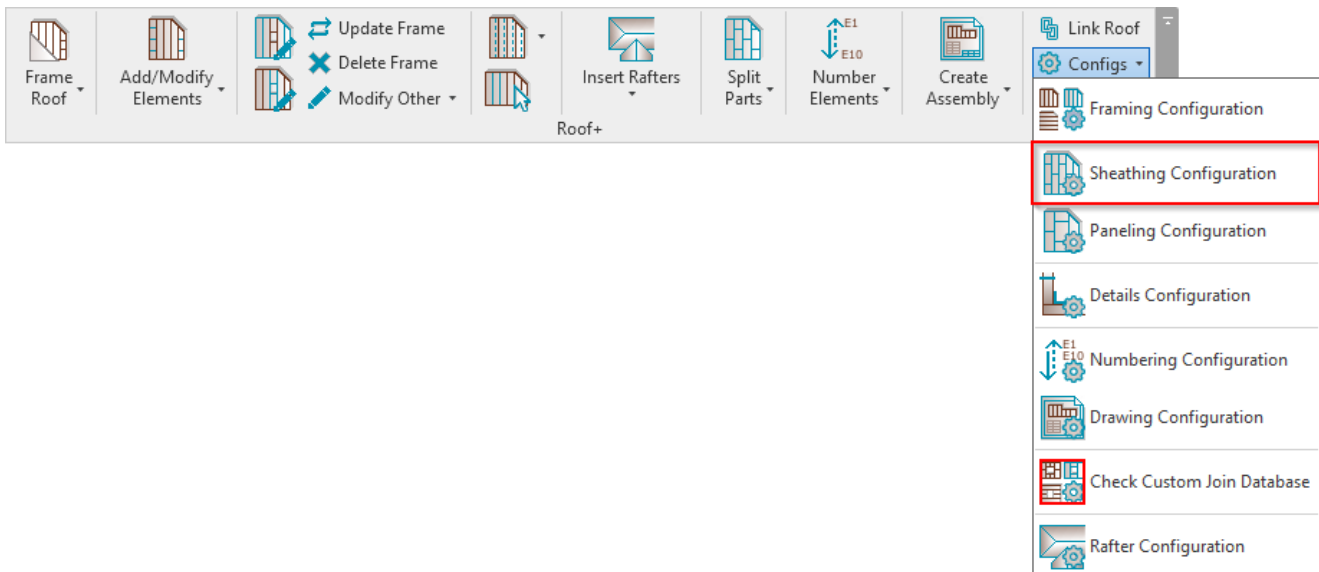
SHEATHING and PANELING LAYOUTS – Sheathing Configuration

Modified on: Sat, 16 Jan, 2021 at 9:11 PM

Sheathing Configuration



OR:



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

Link Roof

Family: Basic Roof
 Type: Roof 300 - for Rafters
 Total thickness: 450

Layers

EXTERIOR SIDE									
Framing Layer	Framing Configuration	Configuration	Frame	Frame Part	Split Parts	Split by	Sheathing/Paneling Configuration	Exclude Parts	
Roofing	M_Roof Paneling	Fixed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Panel	<input type="checkbox"/>	
Batten	M_Roof_Panel Battens	Fixed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-- None --	<input checked="" type="checkbox"/>	
Secondary Frame	M_Roof_Panel Secondary Frame	Fixed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Panel	<input checked="" type="checkbox"/>	
Sheathing	-- None --	Fixed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Roof Frame - 1 Top & 1 Bottom Layer	<input type="checkbox"/>	
Frame	M_Roof_Rafter Main Frame	Fixed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Panel	<input checked="" type="checkbox"/>	
Paneling	-- None --	Fixed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Panel	<input checked="" type="checkbox"/>	

Cancel OK

Roof+. Sheathing Config

Configuration : Roof Frame - 1 Top & 1 Bottom Layer

Save Duplicate Rename Delete

Roof Frame - 1 Top & 1 Bottom Layer with Row Overlay
 Roof Frame - 1 Top & 1 Bottom Layer

Vertical Sheathing
 Width 1200
 Length 3000

Horizontal Sheathing
 Width 1200
 Length 3000

Preview

OK Cancel

Sheathing Dimensions

Sheathing Dimensions

Vertical Sheathing
 Width 1200
 Length 2500

Horizontal Sheathing
 Width 1200
 Length 2500

Preview

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

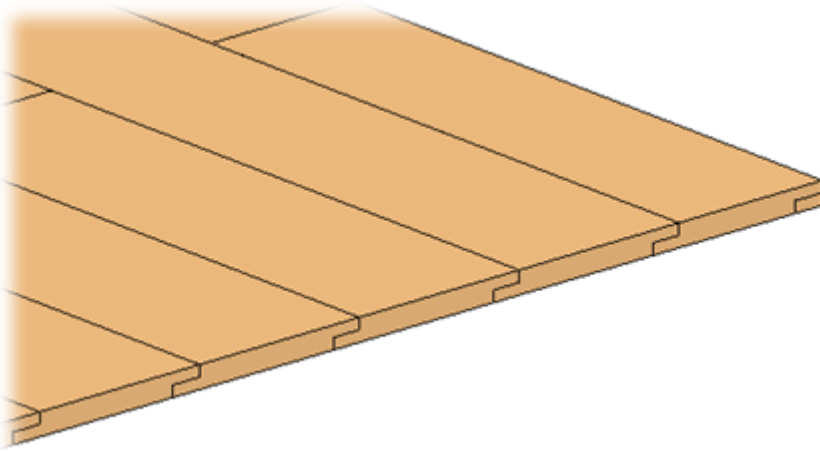
Sheathing Layout

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

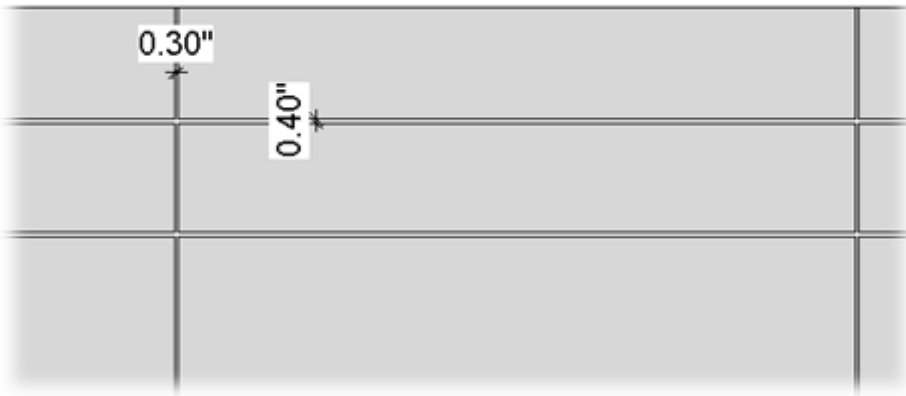
[Read more about every feature here >>](https://agacad.freshdesk.com/support/solutions/articles/44002140222-sheathing-and-paneling-layouts-%E2%80%93-sheathing-configuration-%E2%80%93-sheathing-layout) (<https://agacad.freshdesk.com/support/solutions/articles/44002140222-sheathing-and-paneling-layouts-%E2%80%93-sheathing-configuration-%E2%80%93-sheathing-layout>)

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.

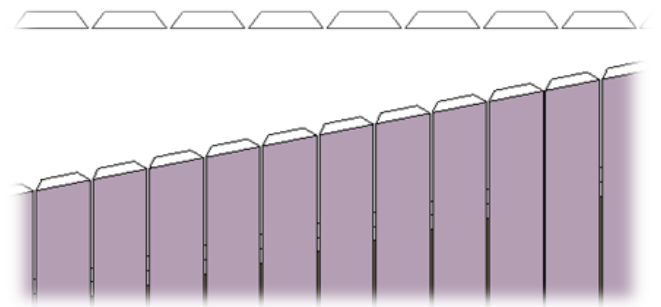
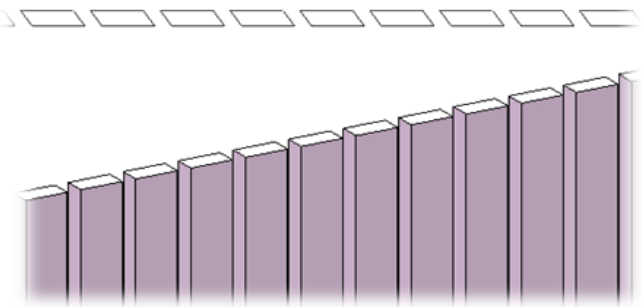


Horizontal/Vertical Division Profile – apply the pre-loaded profile you select from the drop-down list to part edges along dividers. The default value is None.

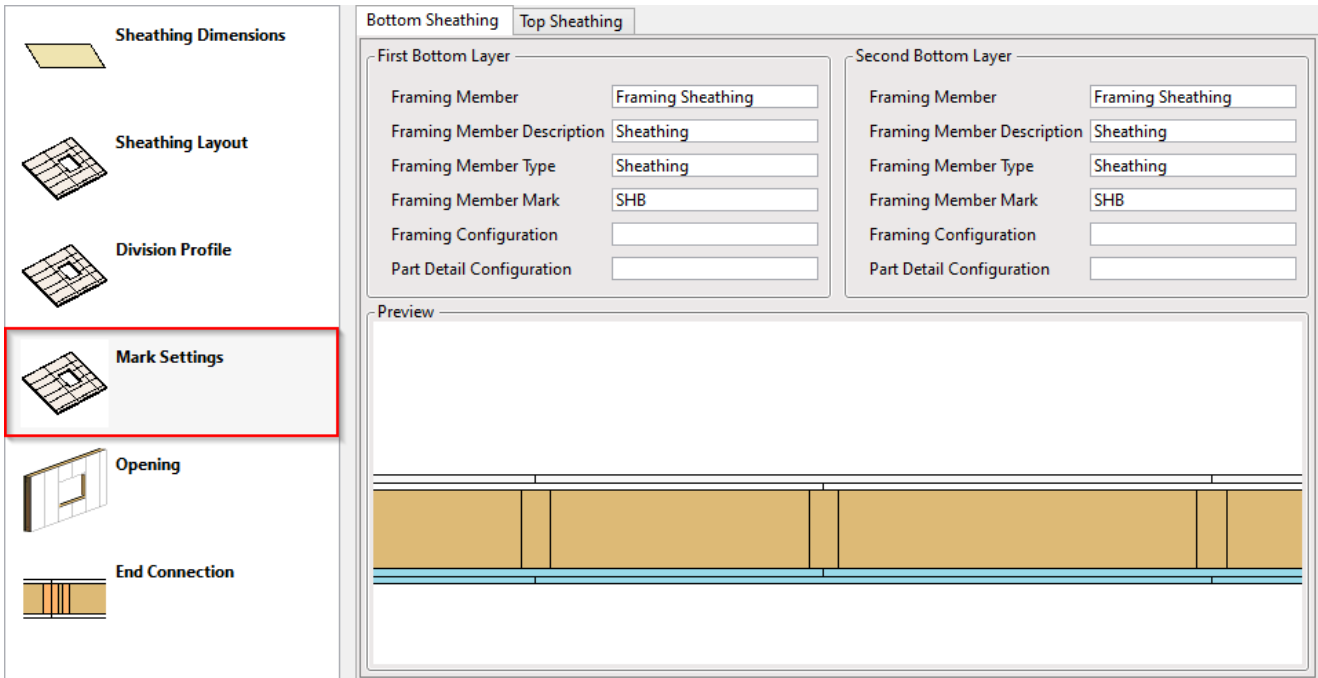
Horizontal/Vertical Profile Edge Mirrored – specify how the profiles on the other side of a divider gap will be oriented.

unticked

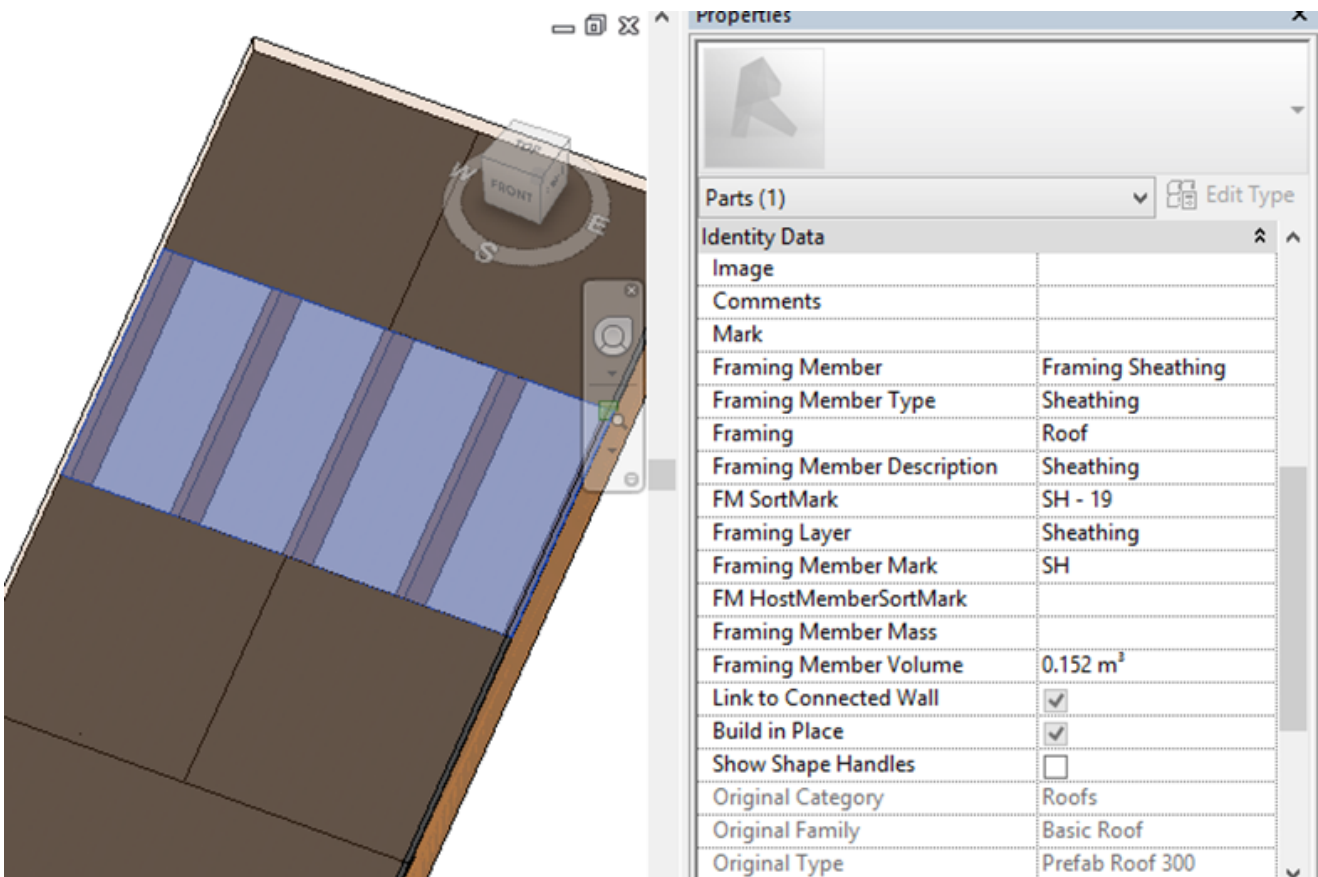
ticked



Mark Settings



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



Opening

Bottom Sheathing | Top Sheathing

First Bottom Layer

*Additional Offset from Framing Configuration

Bottom Offset: 1

Top Offset: 1

Left Offset: 1

Right Offset: 1

Second Bottom Layer

*Additional Offset from Framing Configuration

Bottom Offset: 1

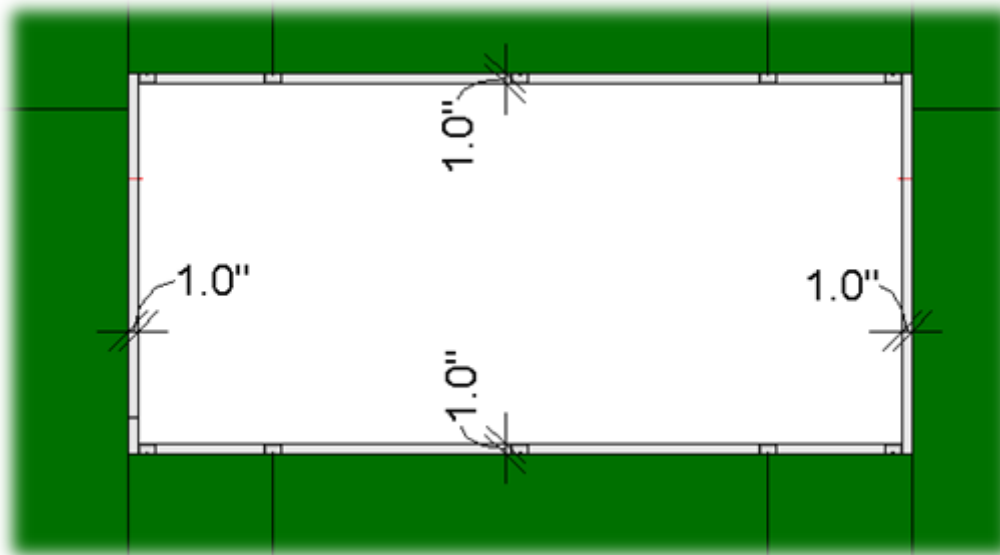
Top Offset: 1

Left Offset: 1

Right Offset: 1


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


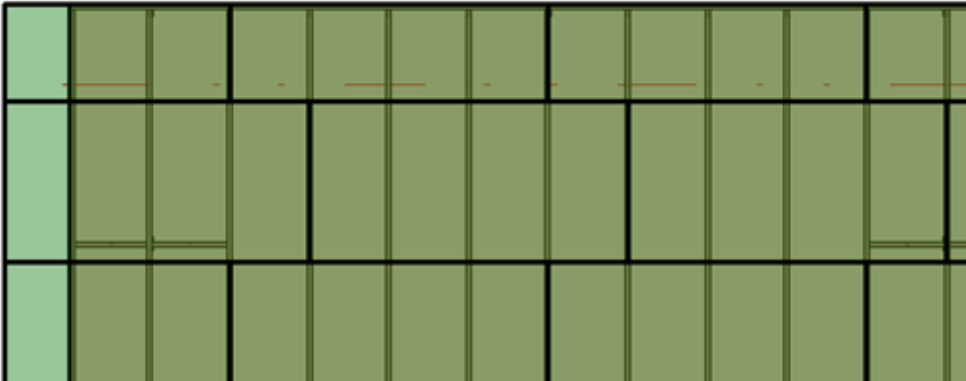
Preview

End Connection – predefine sheathing settings for roof end connections.

Layer Extension – distance from roof face.

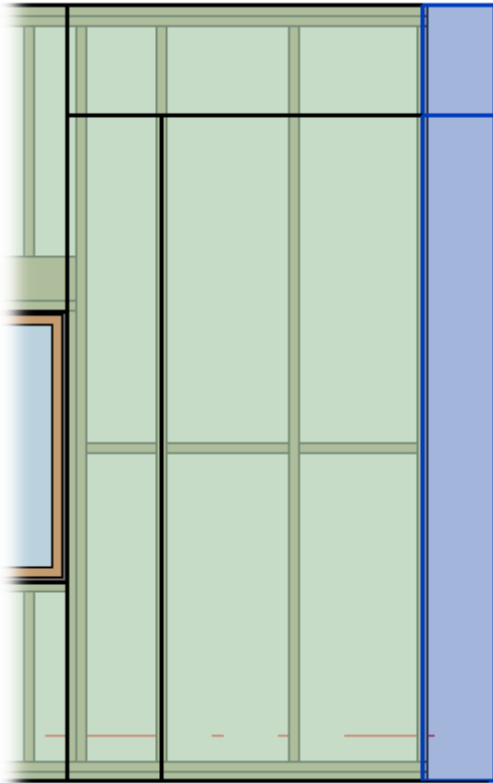
*Example: For the free end connection, **Layer Extension** = 20:*

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 roof 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 ³
Area	0.968 m ²
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 m³

Area 0.968 m²

Length 322.5

Height 3000.0

Thickness 12.0

Excluded

Shape is modified

Identity Data

