

ADD/MODIFY ELEMENTS – Add Additional Bridging/Nogging/Blocking

Modified on: Fri, 8 Jan, 2021 at 8:06 PM

Use Short Noggings

Use Short Noggings

Custom Join

Configuration

Predefined Layout Name: *Nogging* Save to Database Duplicate Rename Delete

Select Layout from Database Configuration: -- Select --

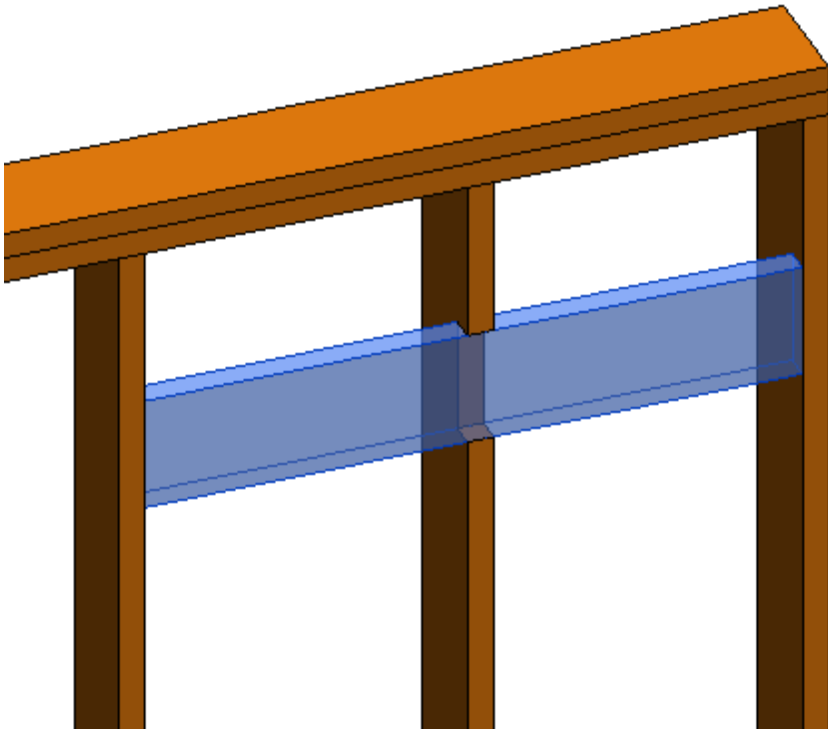
New Item Remove Item Move Up Move Down

	X-Position	Count	Type	Define Depth...	Rotate 90°	Rotate 180°	Flip Facing	Spacing
1	Center	1	M_WF Plate : LMBR 132x120	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0 mm

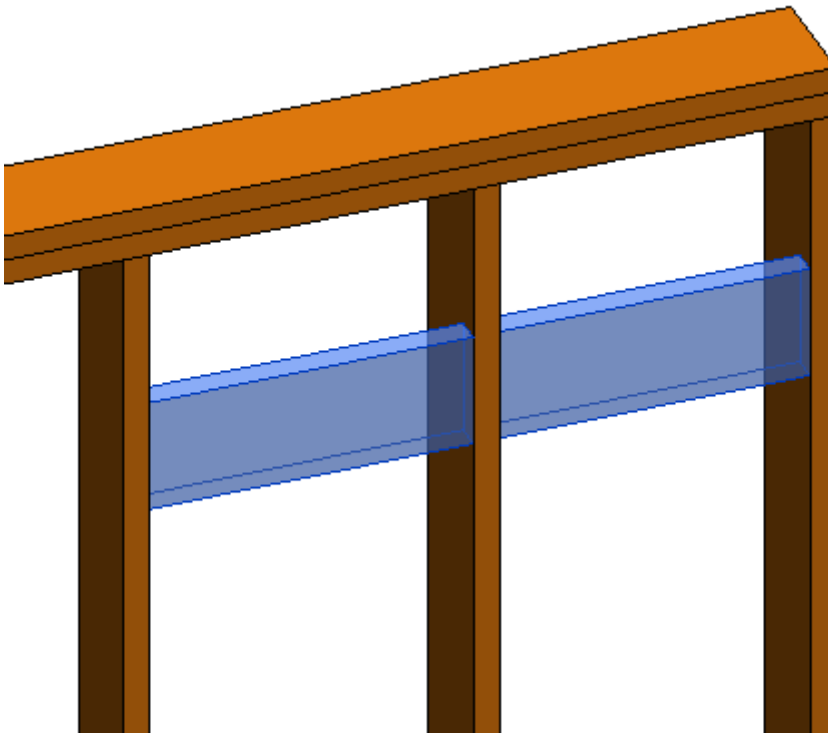
Symbolic Preview

Use Short Noggings – makes short noggings between studs, instead of long ones.

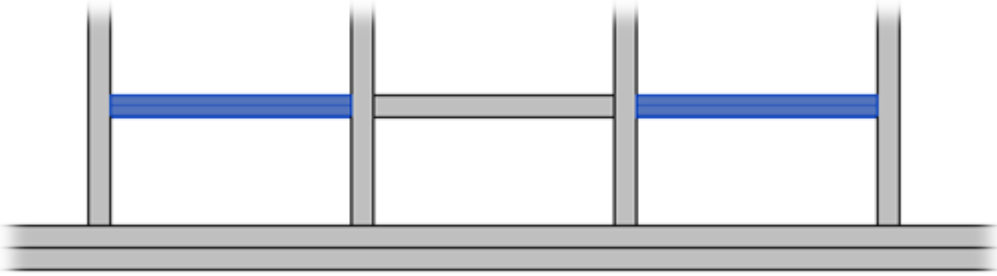
*Example with wood frame: **Use Short Noggings** is switched OFF:*



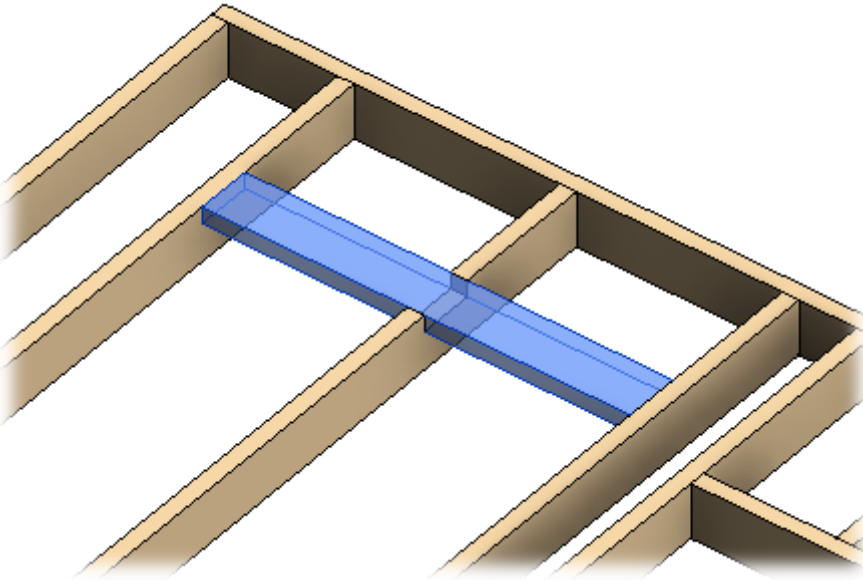
Example with wood frame: Use Short Noggings is switched ON:



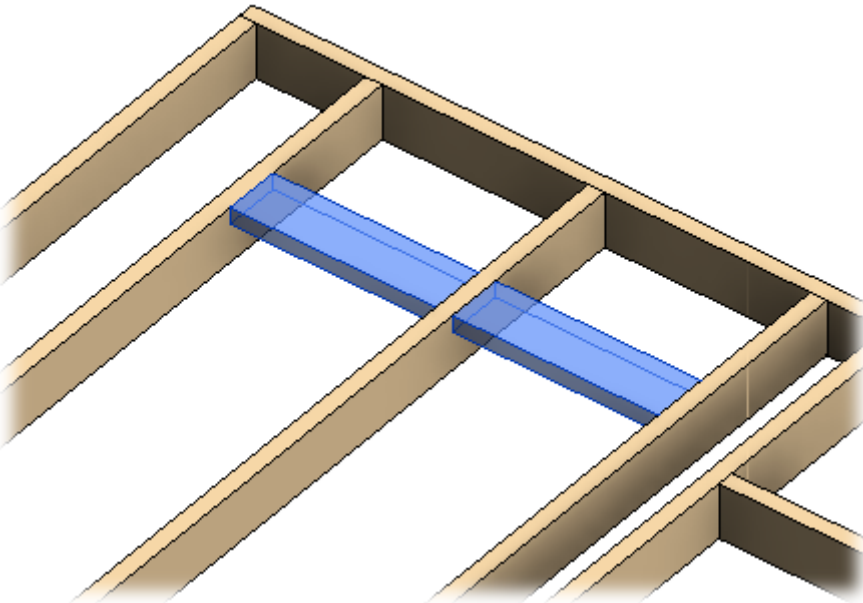
Example with metal frame: Use Short Noggings is switched ON:



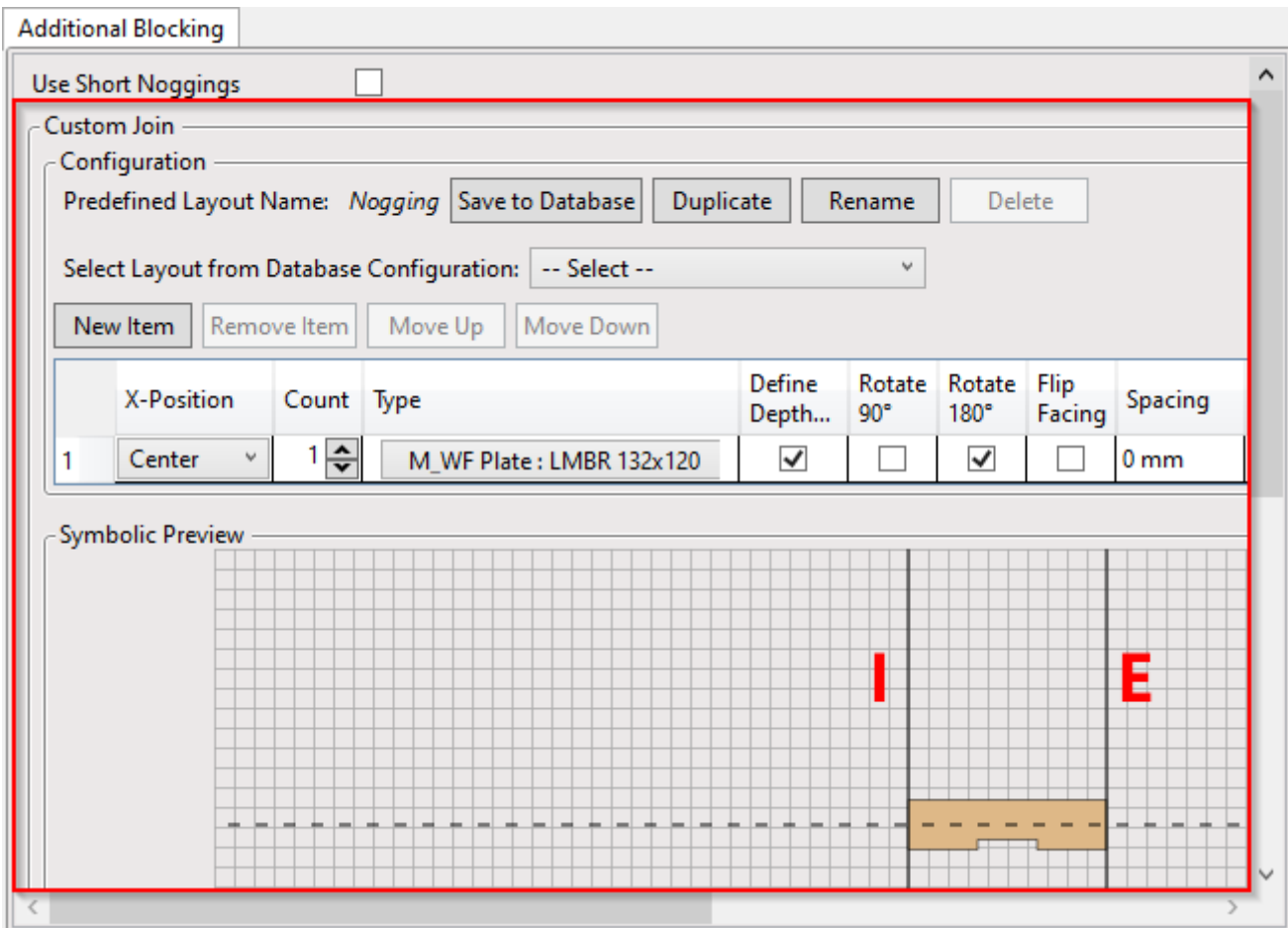
Example with wood floor: **Use Short Noggings** is switched OFF:



Example with wood floor: **Use Short Noggings** is switched ON:



Custom Join



Custom Join – is a multi-functional dialog where user can define rules for studs/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) (<https://agacad.freshdesk.com/support/solutions/articles/44001990031-custom-join>).

Rotate by Slope

(in Floor+, Floor+M, Roof+, Roof+M)

Additional Bridging

Rotate by Slope

Offset from Selected Element

Select Line Based Element

Split Studs/Joists

Offset

Offset

Apply Offset

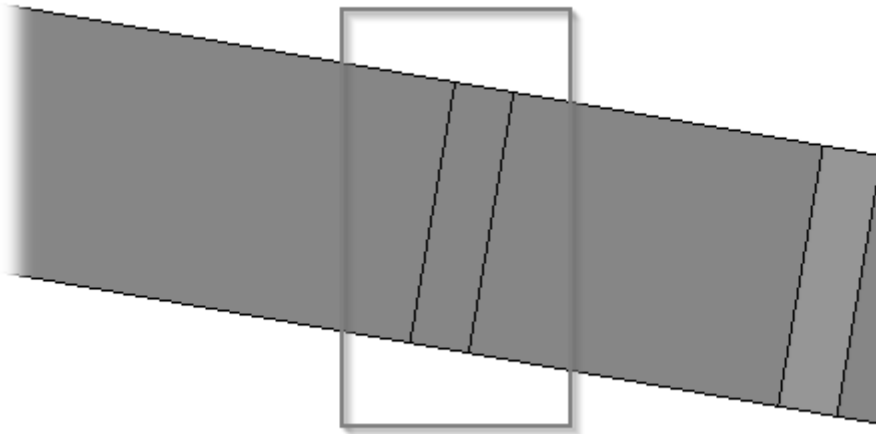
Offset by

Offset from Base Face

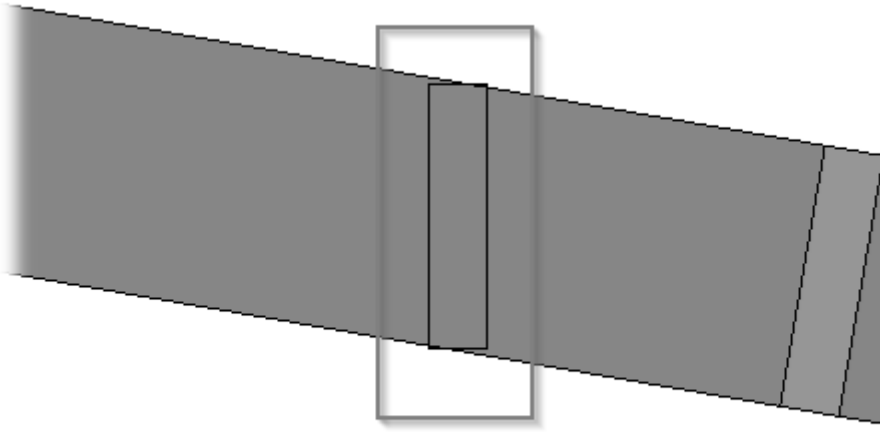
Additional Offset by Slope

Rotate by Slope – rotates additional bridging/nogging/blocking by floor slope.

Ticked:



Unticked:



Select Line Based Element

Additional Blocking

Offset from Selected Element	0
Select Line Based Element	Select Line Based Element

Split Studs/Joists

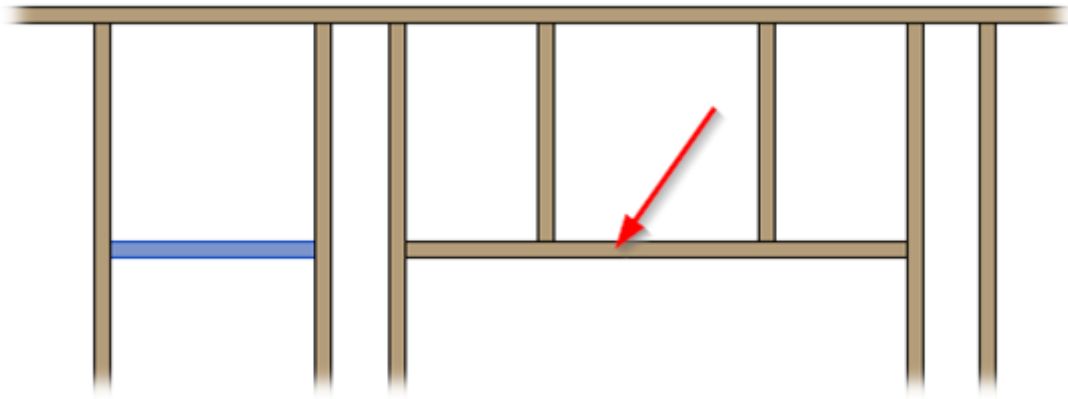
Offset

Offset	From shorter Stud/Joist base (as not splited)
Offset from Bottom	200
Spacing	500
Measure to	Center
Number	2

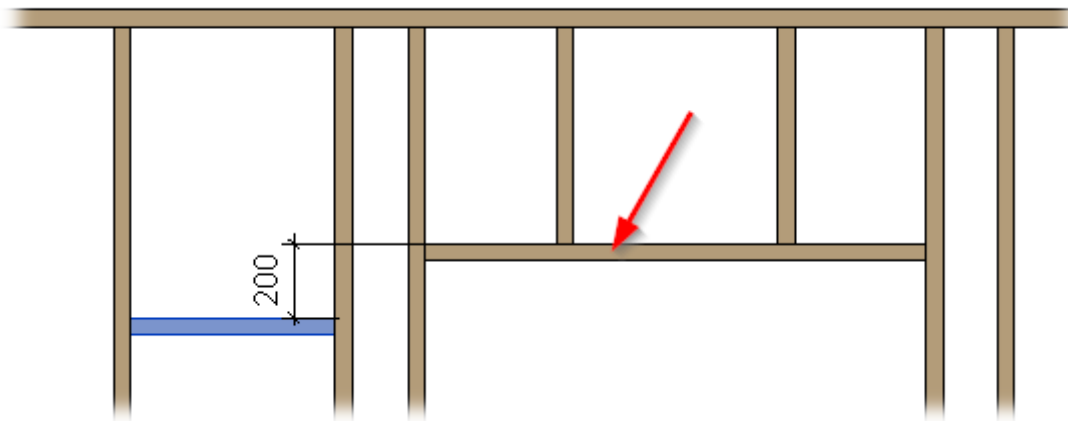
Select Line Based Element – adds blocking/nogging/bridging according to selected line-based element.

Offset from Selected Element – writes an offset for adding blocking/nogging/bridging from selected line-based element.

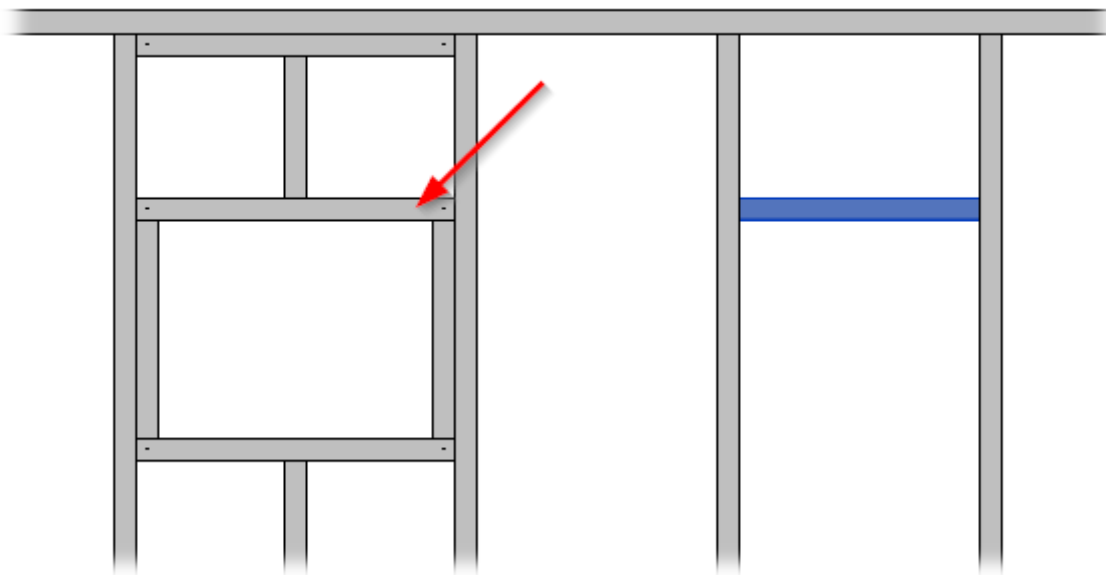
*Example with wood frame: when **Offset from Selected Element** = 0, **Select Line-Based Element** = opening header:*



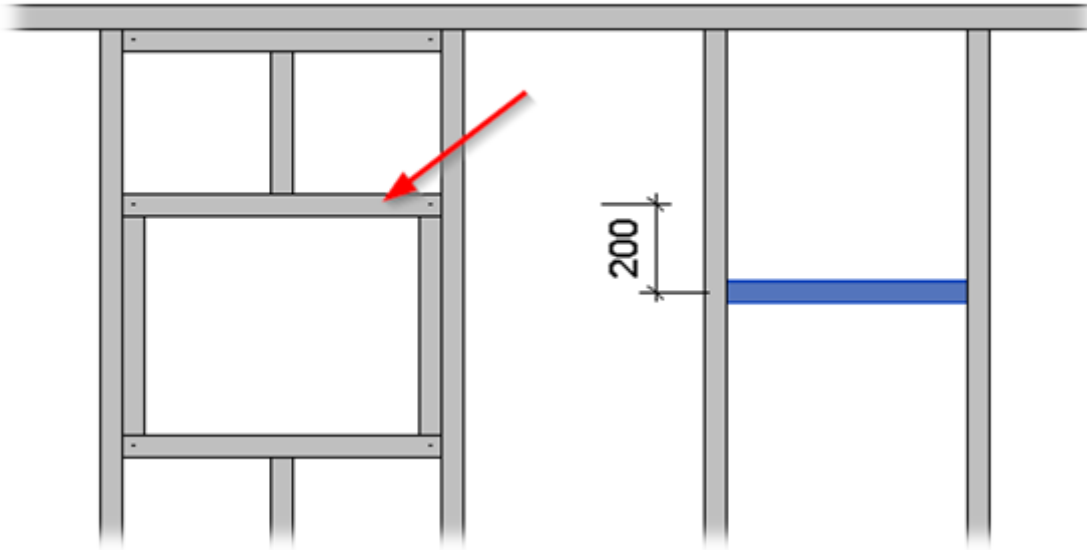
Example: when **Offset from Selected Element** = 200, **Select Line-Based Element** = opening header:



Example with metal frame: when **Offset from Selected Element** = 0, **Select Line-Based Element** = opening header:



Example: when **Offset from Selected Element** = -200, **Select Line-Based Element** = opening header:



Split Studs/Joists

Additional Blocking

Offset from Selected Element

Select Line Based Element

Split Studs/Joists

Offset

Offset

Offset from Bottom

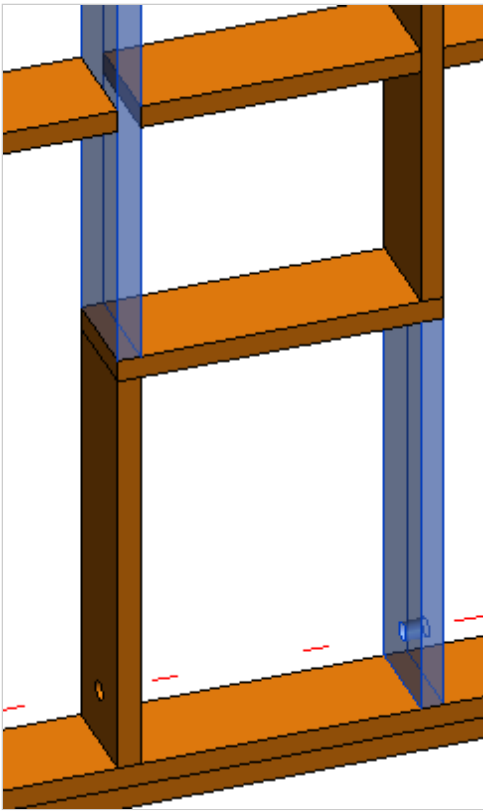
Spacing

Measure to

Number

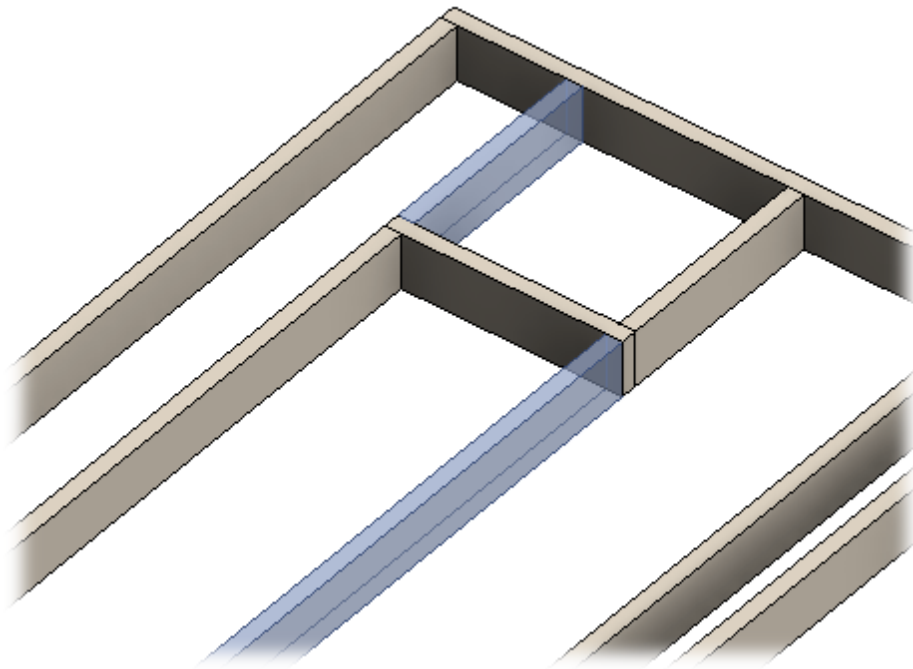
Split Studs/Joists – splits studs near inserted blocking/nogging/bridging.

*Example with wood wall: when **Split Studs/Joists** is switched ON:*



Note: **Split Studs/Joists** is available ONLY IF **Use Short Noggings** is switched OFF.

Example with wood floor: when **Split Studs/Joists** is switched ON:



Note: **Split Studs/Joists** is available ONLY IF **Use Short Noggings** is switched OFF.

Offset

Additional Blocking

Offset from Selected Element

Select Line Based Element

Split Studs/Joists

Offset

Offset

Offset from Bottom

Spacing

Measure to

Number

Offset – predefines the offset rule (from shorter or longer stud end or base. This function works for studs that are not split. It is especially used with sloped walls.

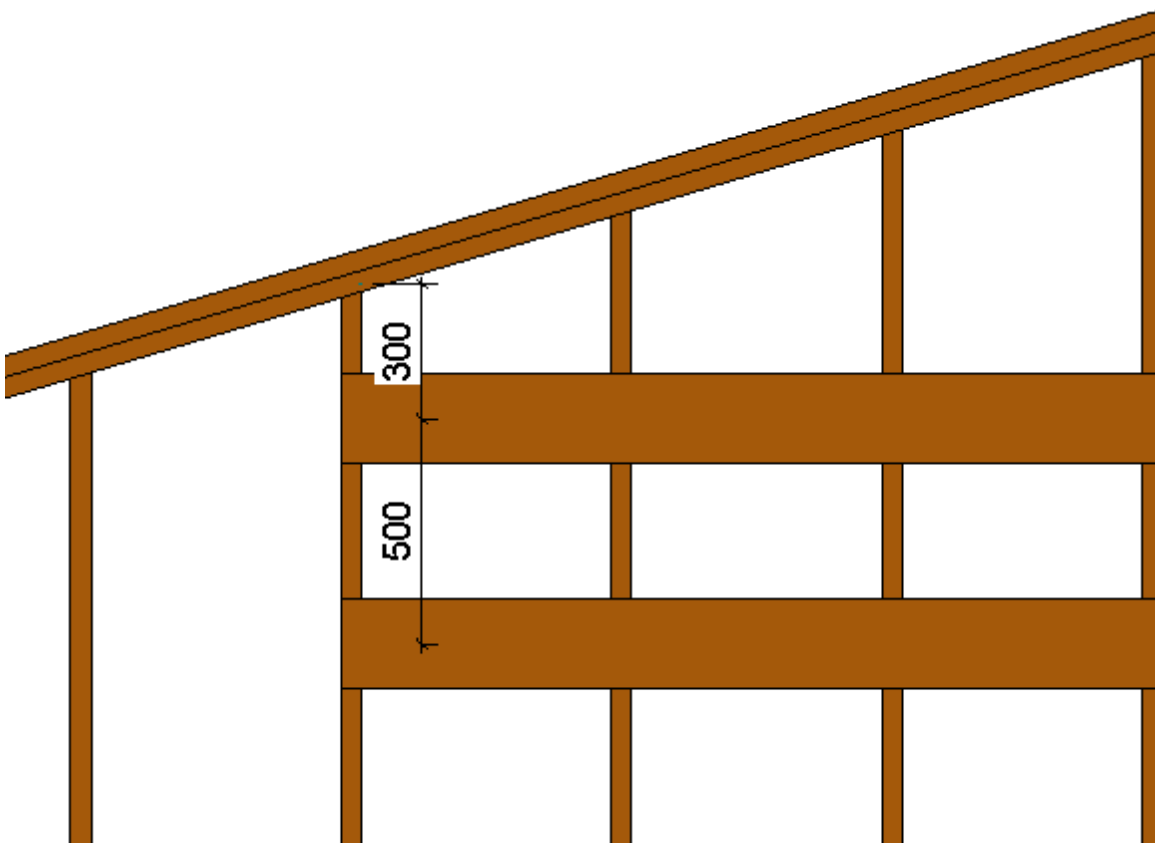
Stud end is at the top of the wall, and base is at the bottom of the wall.

Offset from Top/Bottom – predefines the offset from top or bottom of the stud.

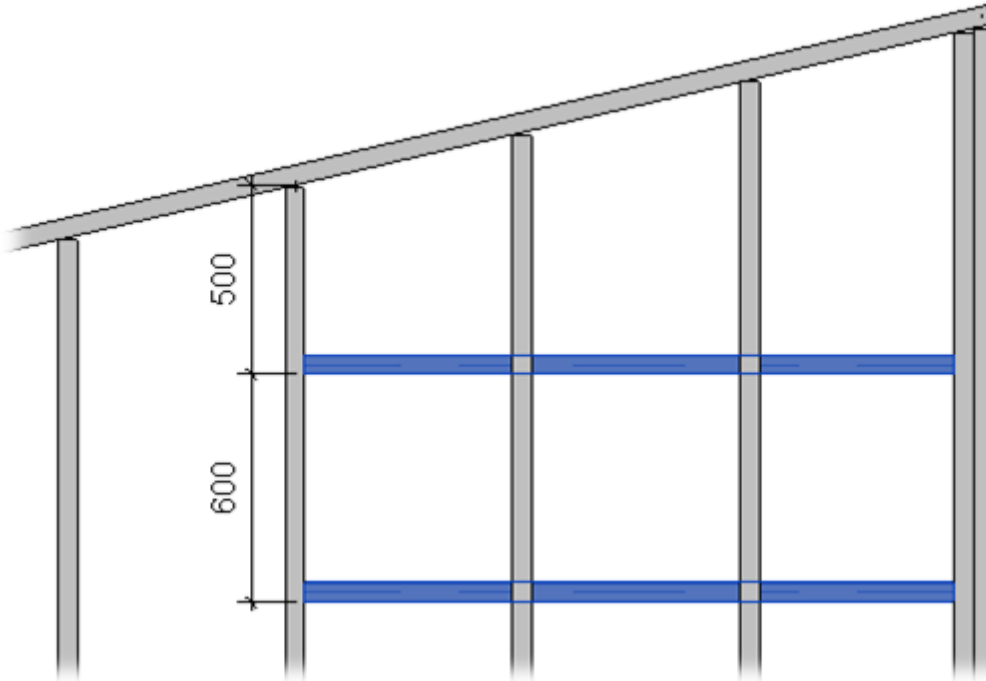
Spacing – distance between blockings/noggings/bridgings.

Number – number of blockings/noggings/bridgings.

Example with wood frame:



Example with metal frame:



Measure to

Additional Blocking

Offset from Selected Element

Select Line Based Element

Split Studs/Joists

Offset

Offset

Offset from Bottom

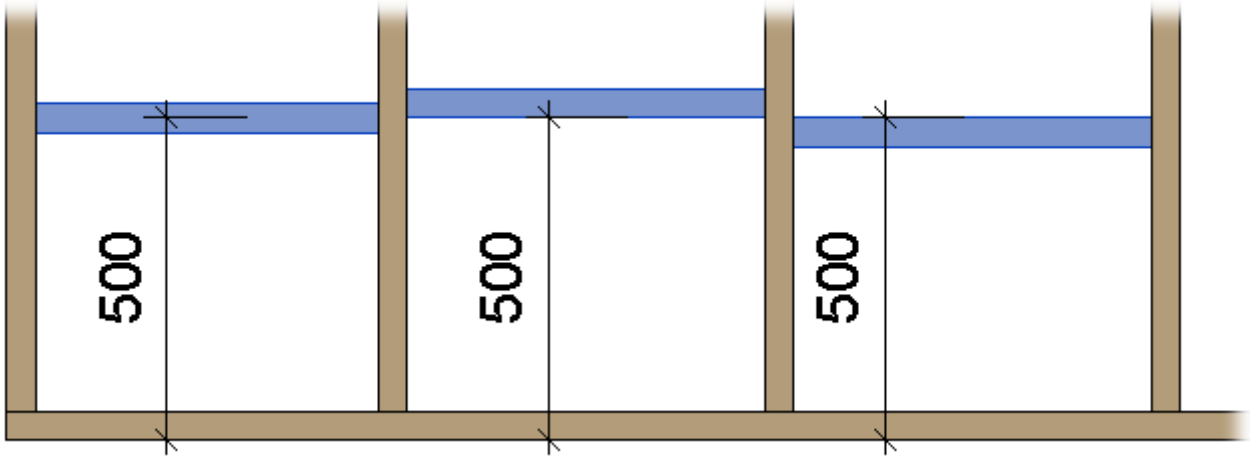
Spacing

Measure to

Number

Measure to – measures the offset and spacing to bridging/nogging/blocking top/bottom or center.

Example with wood frame:



Example with metal frame:

