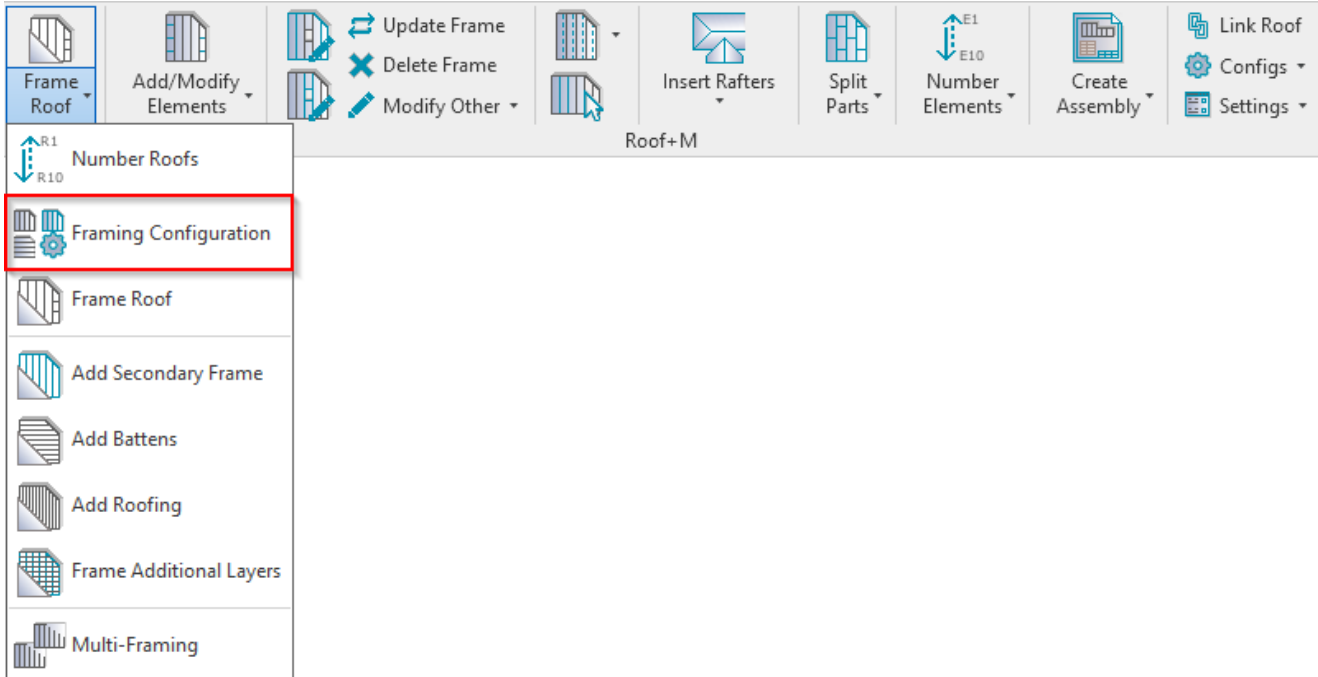


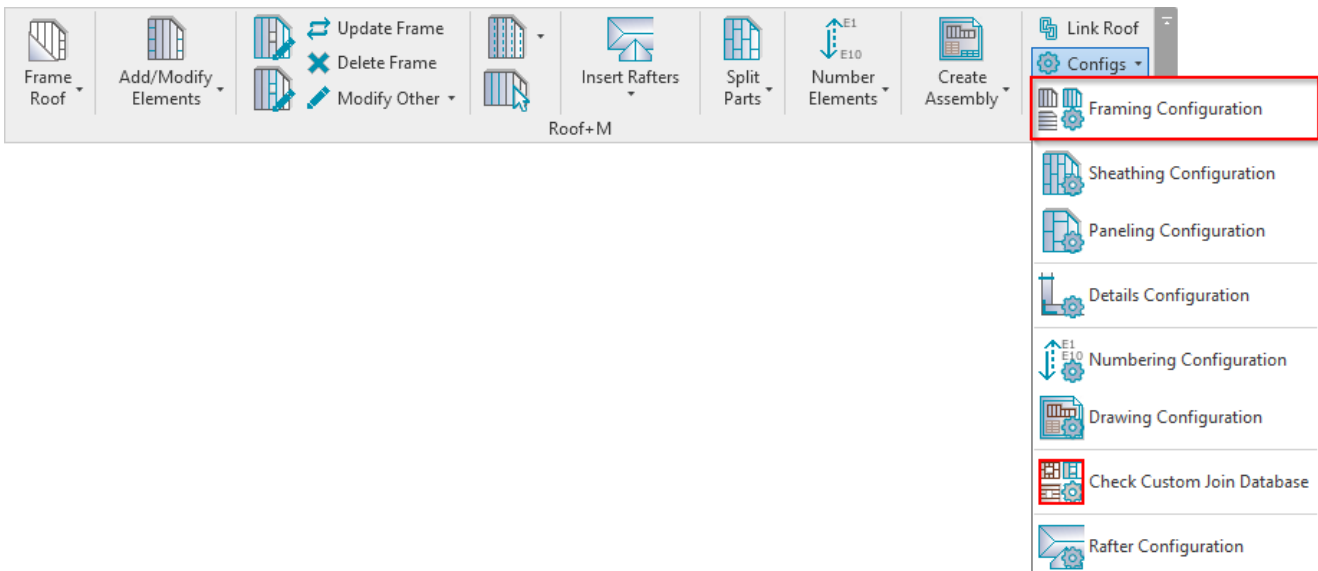
# FRAMING CONFIGURATION – Opening Framing – Edit Window/Window Join Framing

Modified on: Sun, 10 Jan, 2021 at 5:45 PM

**Framing Configuration** may be found in two locations:

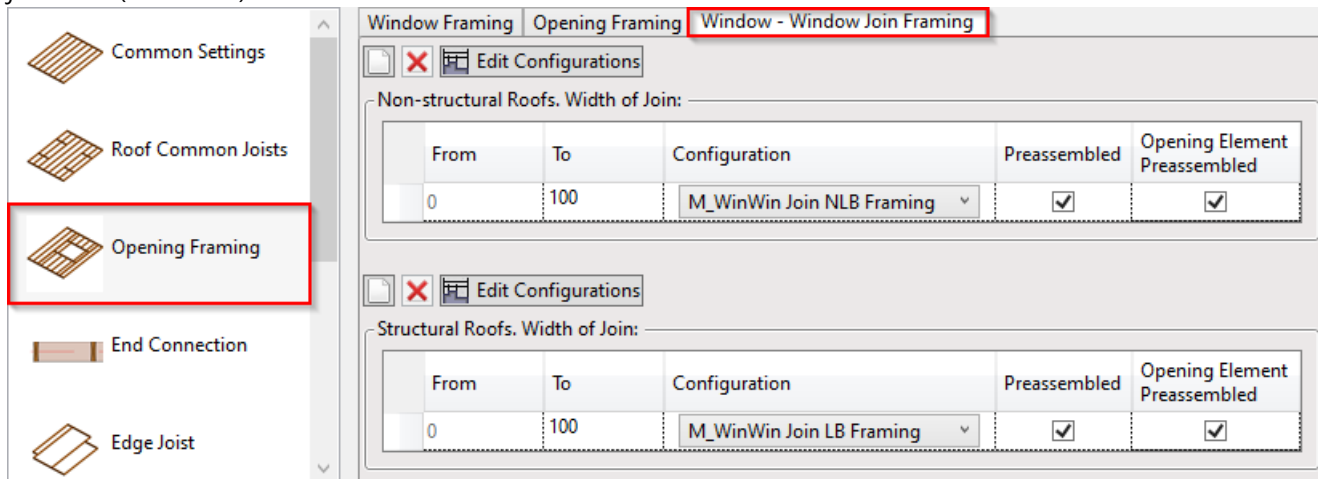


OR:



## Window – Window Join Framing

**Window – Window Join Framing** configuration settings are used to predefine Left, Right, Middle, and Center Top or Bottom Trimmers and Cripples. Settings are saved under separate configuration name and can be adjusted for different join sizes (From – To).

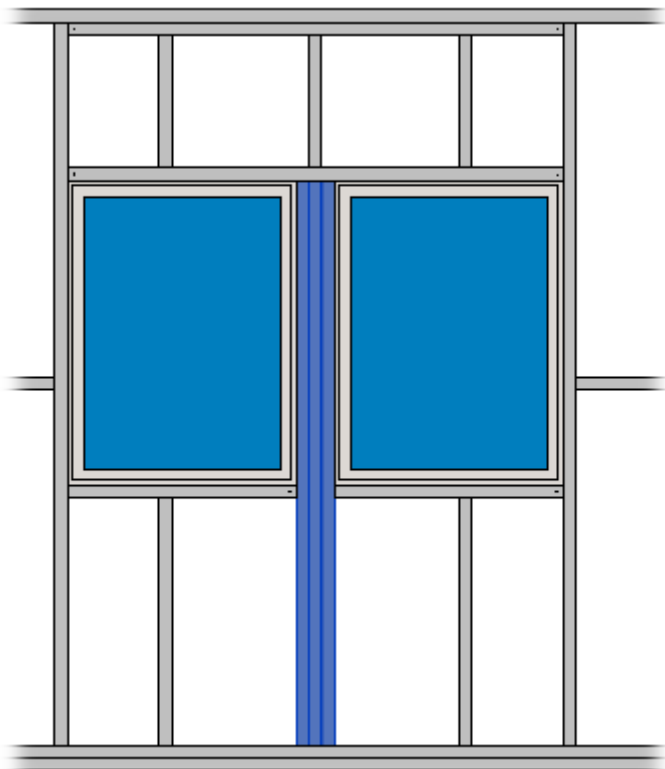


The screenshot shows the 'Window - Window Join Framing' configuration window. The left sidebar has 'Opening Framing' selected. The main panel has two sections: 'Non-structural Roofs. Width of Join:' and 'Structural Roofs. Width of Join:'. Each section contains a table with columns for 'From', 'To', 'Configuration', 'Preassembled', and 'Opening Element Preassembled'.

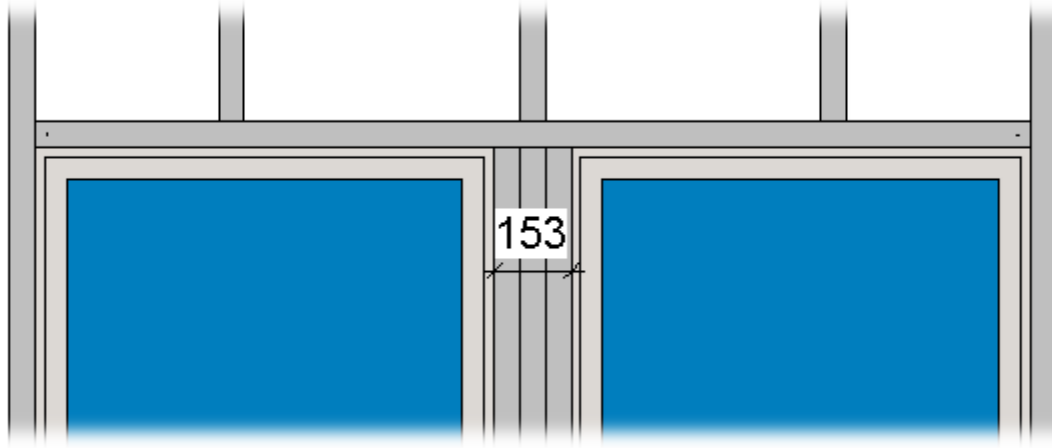
From	To	Configuration	Preassembled	Opening Element Preassembled
0	100	M_WinWin Join NLB Framing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

From	To	Configuration	Preassembled	Opening Element Preassembled
0	100	M_WinWin Join LB Framing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

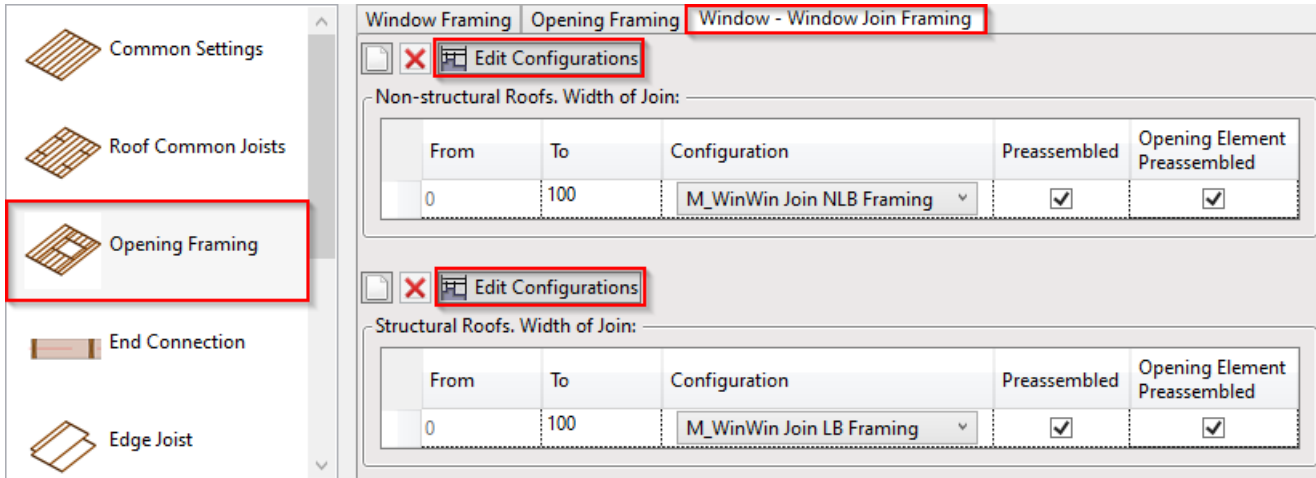


*Example: **From** = 0, **To** = 180. If the distance between openings is smaller than 180, then the openings will be joined and the trimmers or cripples will be modified with **Edit Configuration**.*



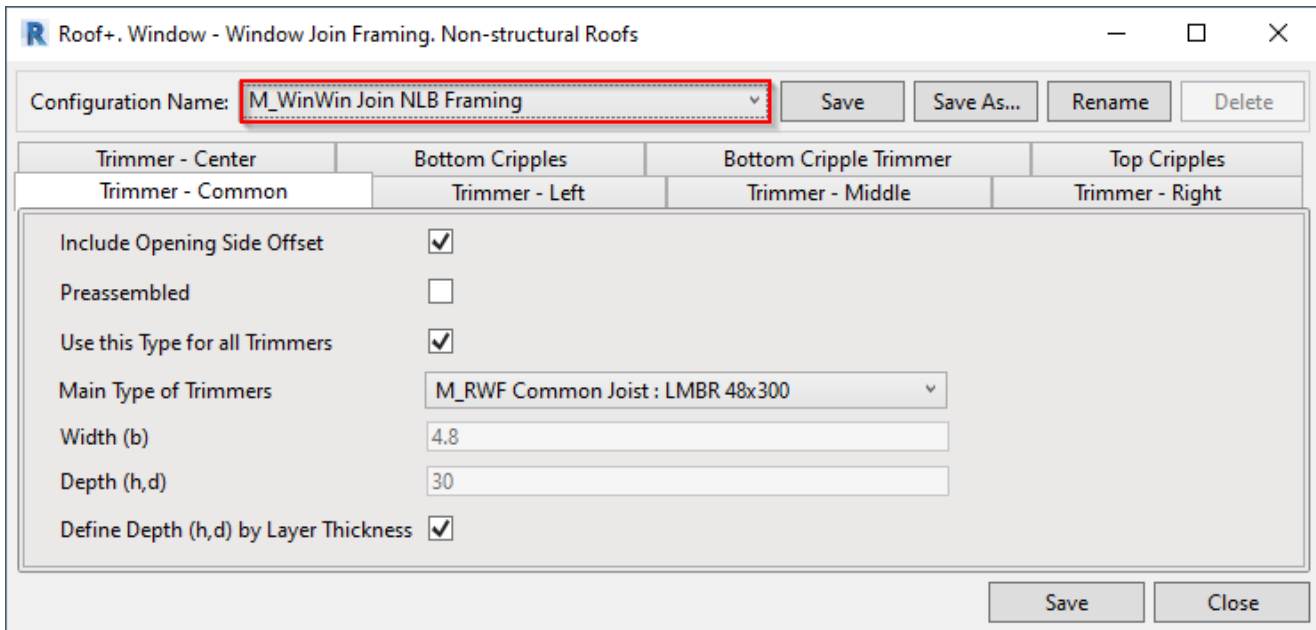
## Edit Configurations

In order to edit, create new, rename, or delete opening framing configuration, you have to click **Edit Configurations** for the structural or non-structural roofs:



Default configurations will come together with the software. Default path to opening configurations is:  
*C:\Users\user name\AppData\Roaming\Tools 4 Revit\Roof+(version) Configurations\Framing Configurations\Metric or Imperial\custom configuration name\WindowWindowJoins*

It saves all the settings of trimmers, cripples that are listed down below in the dialog:



## Trimmers

Trimmer - Center	Bottom Cripples	Bottom Cripple Trimmer	Top Cripples
Trimmer - Common	Trimmer - Left	Trimmer - Middle	Trimmer - Right
Include Opening Side Offset	<input checked="" type="checkbox"/>		
Preassembled	<input type="checkbox"/>		
Use this Type for all Trimmers	<input checked="" type="checkbox"/>		
Main Type of Trimmers	M_RWF Common Joist : LMBR 48x300		
Width (b)	4,8		
Depth (h,d)	30		
Define Depth (h,d) by Layer Thickness	<input checked="" type="checkbox"/>		

**Include Opening Side Offset** – controls whether or not the joined opening should have offsets around the opening, which come from single opening settings **Offsets**.

There are common settings for trimmers where you can predefine the type and automatically define the depth by layer thickness. With **Use this Type for all Trimmers** you can automatically change the selected type for all left, right, middle, or center trimmers.

Trimmer - Center	Bottom Cripples	Bottom Cripple Trimmer	Top Cripples
Trimmer - Common	Trimmer - Left	Trimmer - Middle	Trimmer - Right
Include Opening Side Offset	<input checked="" type="checkbox"/>		
Preassembled	<input type="checkbox"/>		
Use this Type for all Trimmers	<input checked="" type="checkbox"/>		
Main Type of Trimmers	M_RWF Common Joist : LMBR 48x300		
Width (b)	4,8		
Depth (h,d)	30		
Define Depth (h,d) by Layer Thickness	<input checked="" type="checkbox"/>		

Here you can control **Left** and **Right** trimmers:

Trimmer - Center	Bottom Cripples	Bottom Cripple Trimmer	Top Cripples
Trimmer - Common	<b>Trimmer - Left</b>	Trimmer - Middle	<b>Trimmer - Right</b>

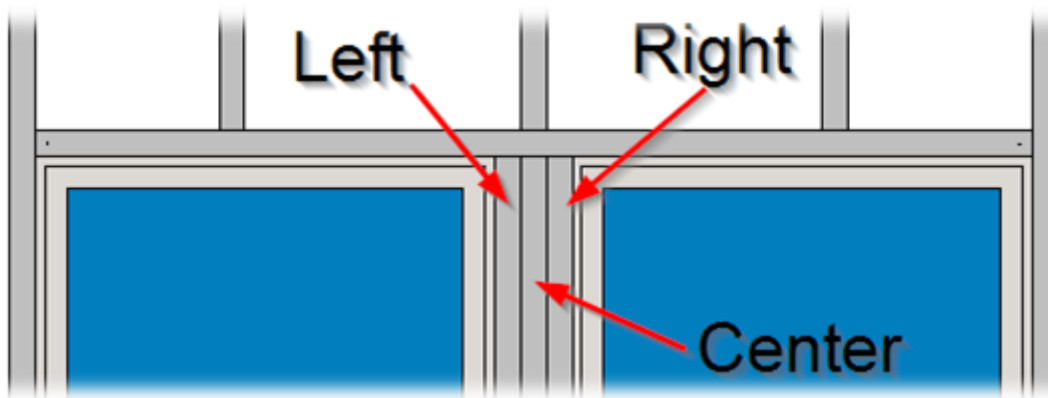
Custom Join  
Read Layout from Database Configuration: -- Select --

Configuration  
Predefined Layout Name: *Default Configuration*

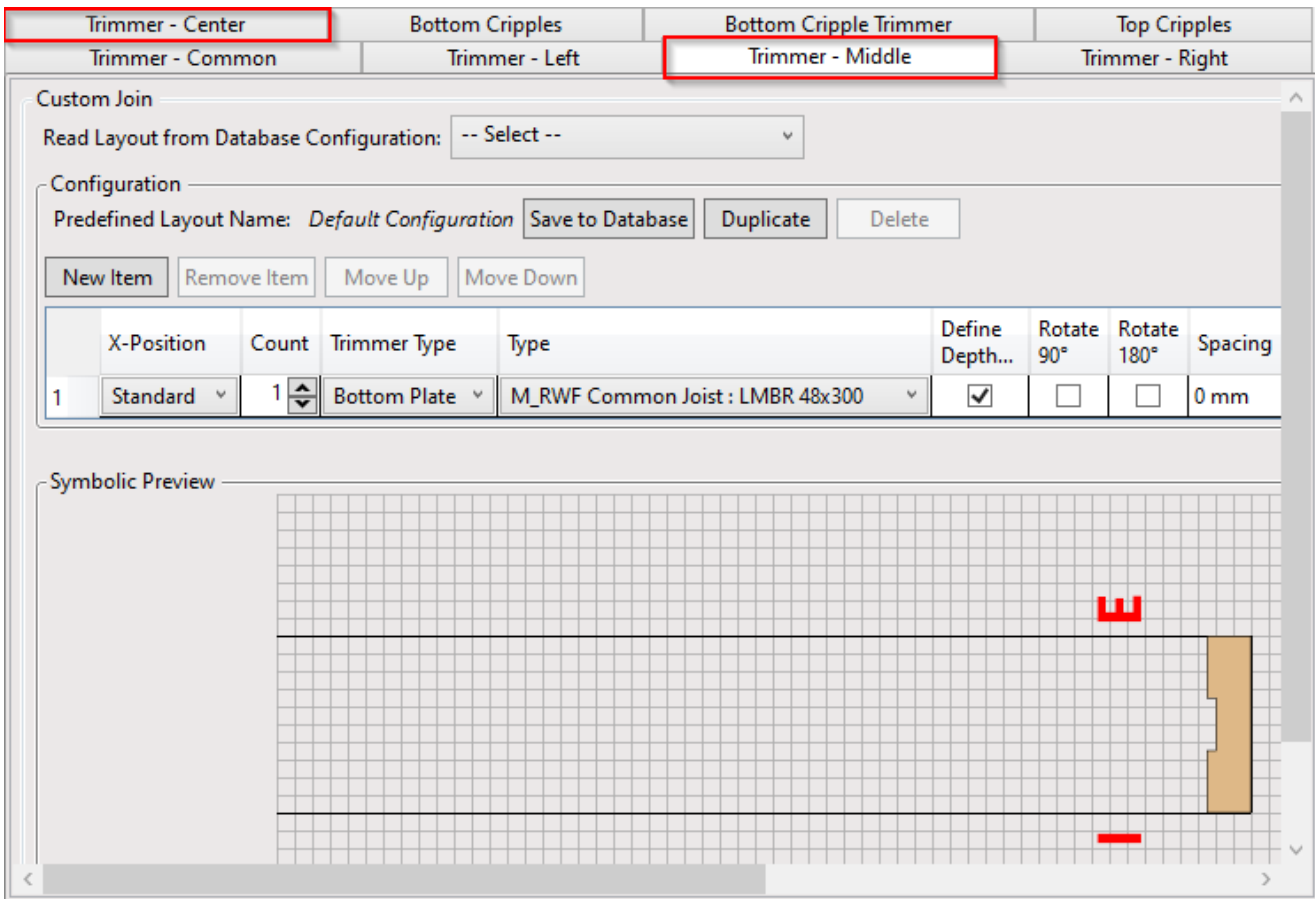
	X-Position	Count	Trimmer Type	Type	Define Depth...	Rotate 90°	Rotate 180°	Spacing
1	Standard	1	Bottom Plate	M_RWF Common Joist : LMBR 48x300	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0 mm

Symbolic Preview

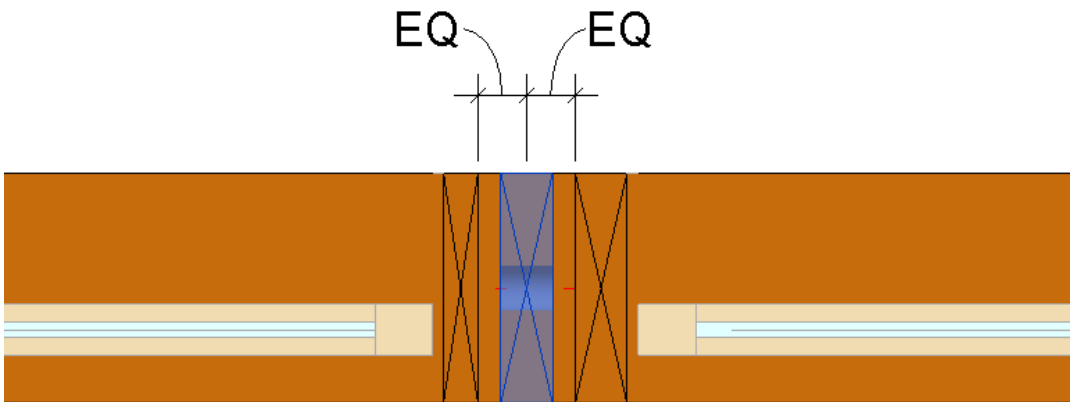
Left and Right positions from external side:



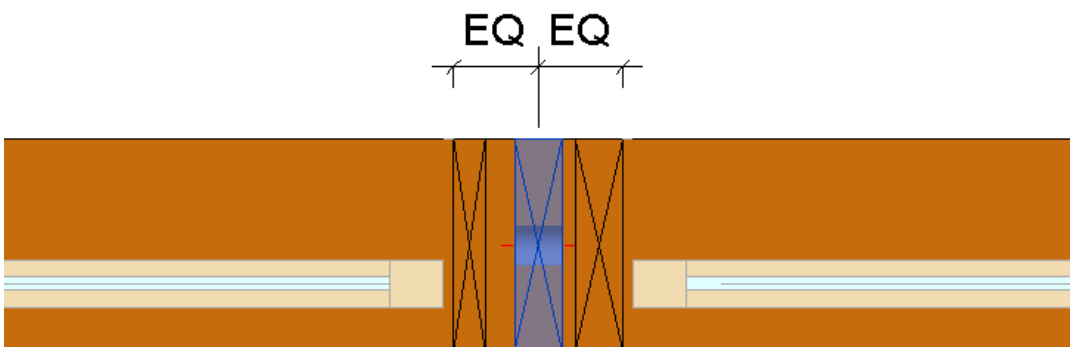
Here you can control **Middle** and **Center** trimmers:



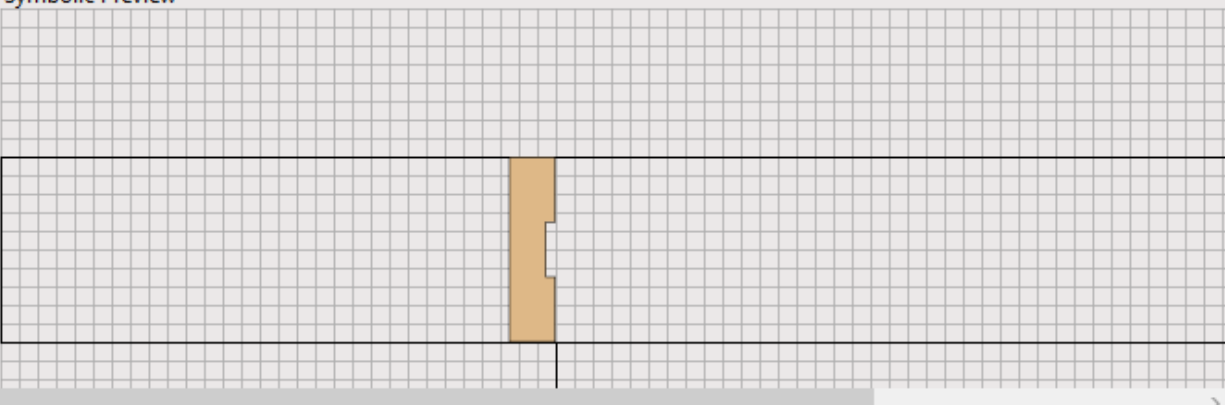
**Middle** trimmers will be added equidistant from left and right trimmers:



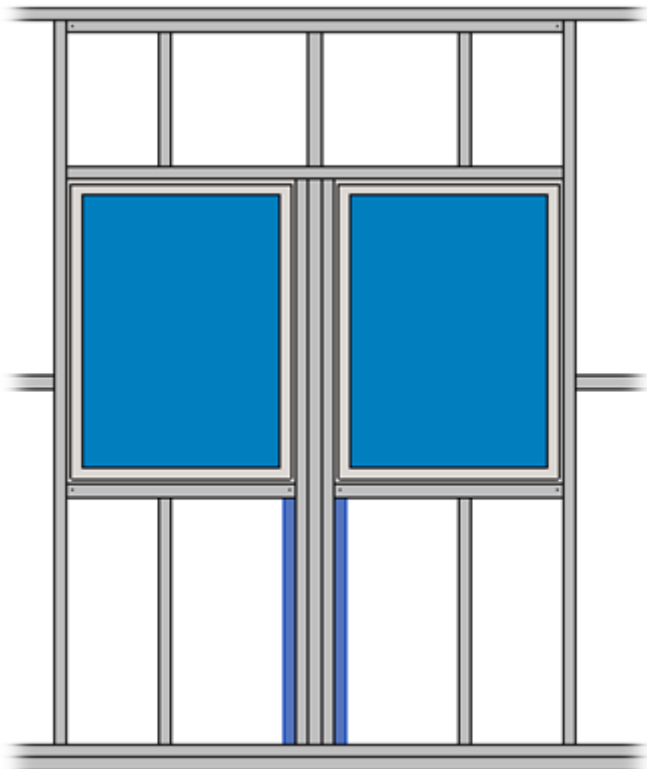
**Center** trimmers will be added equidistant from left and right openings:



Here you can control **Bottom Cripple Trimmer**:

Trimmer - Common		Trimmer - Left		Trimmer - Middle		Trimmer - Right		
Trimmer - Center		Bottom Cripples		Bottom Cripple Trimmer		Top Cripples		
Custom Join								
Read Layout from Database Configuration: <input type="text" value="Default Configuration"/>								
Configuration								
Predefined Layout Name: <i>Default Configuration</i> <input type="button" value="Save to Database"/> <input type="button" value="Duplicate"/> <input type="button" value="Delete"/>								
<input type="button" value="New Item"/> <input type="button" value="Remove Item"/> <input type="button" value="Move Up"/> <input type="button" value="Move Down"/>								
	X-Position	Count	Type	Define Depth...	Rotate 90°	Rotate 180°	Spacing	Pos
1	Window Side	1	M_RWF Common Joist : LMBR 48x300	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0 mm	Cer
Symbolic Preview								
								

*Example: Count of Bottom Trimmers = 1:*



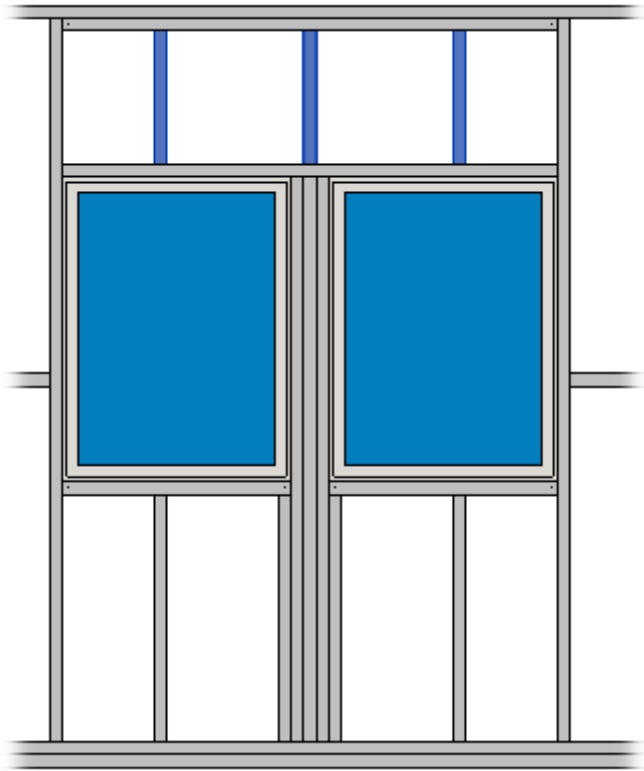
Here you can control **Top Cripples**:



Trimmer - Common	Trimmer - Left	Trimmer - Middle	Trimmer - Right
Trimmer - Center	Bottom Cripples	Bottom Cripple Trimmer	<b>Top Cripples</b>

Joined layout of Cripple Studs/Joists	<input checked="" type="checkbox"/>
Define Top Cripple Studs/Joists by Spacing	<input checked="" type="checkbox"/>
Spacing Type	Centered
Spacing of Top Cripple Studs/Joists	600
Number of Top Cripple Studs/Joists	2



Note: **Top/Bottom Cripples** will work in joined windows if **Automatically Align Opening Cripples with Joists** is switched OFF near **Common Settings**. If it is ticked ON, then the cripples will be aligned with the main framing joists.

Common Settings Roof Common Joists Opening Framing End Connection	Elements Mark Definitions	Modify Settings	Configuration Visibility
	Configuration Settings		Modify Configuration Settings
	Parameters Depend on Configuration Name		
	Recalculate First/Last Joist Spacing for External Corners	<input type="checkbox"/>	
Align with Main Frame	<input checked="" type="checkbox"/>		
<b>Automatically Align Opening Cripples with Joists</b>	<input checked="" type="checkbox"/>		
Automatically Align Opening Cripples with Nearest Left Joist	<input type="checkbox"/>		
Allow First/Last Spacing to be up to twice size of Stud/Joist Spacing	<input checked="" type="checkbox"/>		
Delete or Move Joists when they Collide		Move	

## Custom Join

Trimmer - Common		Trimmer - Left		Trimmer - Middle		Trimmer - Right	
Trimmer - Center		Bottom Cripples		Bottom Cripple Trimmer		Top Cripples	

Custom Join

Read Layout from Database Configuration:

Configuration

Predefined Layout Name: *Default Configuration*

	X-Position	Count	Type	Define Depth...	Rotate 90°	Rotate 180°	Spacing	Position
1	Window!	1	M_RWF Common Joist : LMBR 48x300	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0 mm	Center

Symbolic Preview

**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) (<https://agacad.freshdesk.com/support/solutions/articles/44001990031-custom-join>)