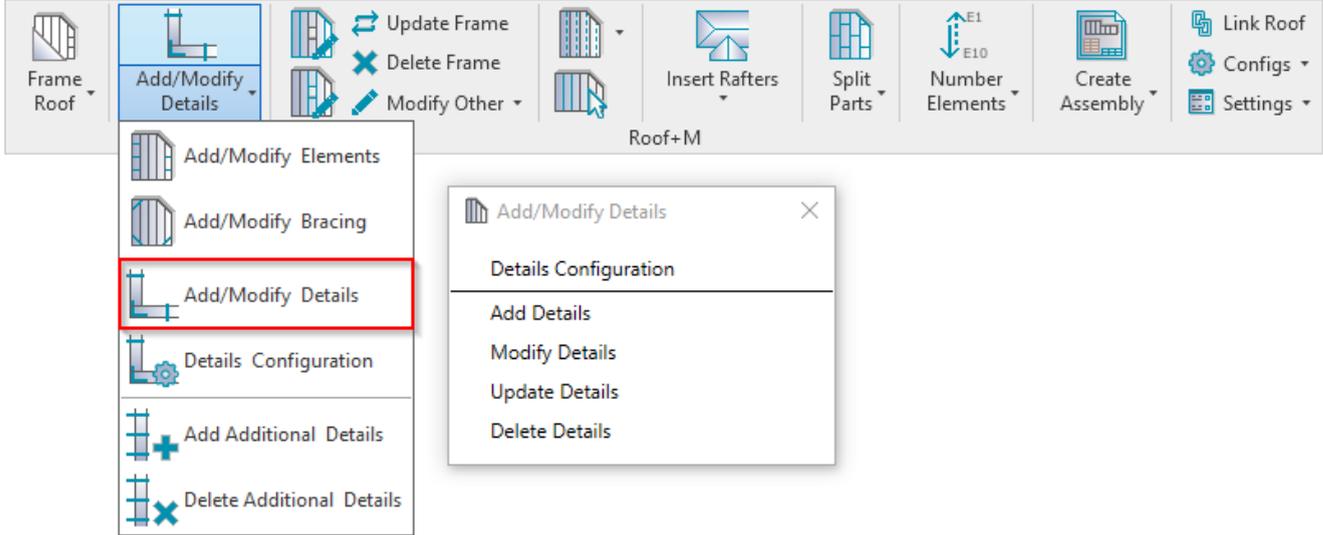


ADD/MODIFY DETAILS – Details Configuration

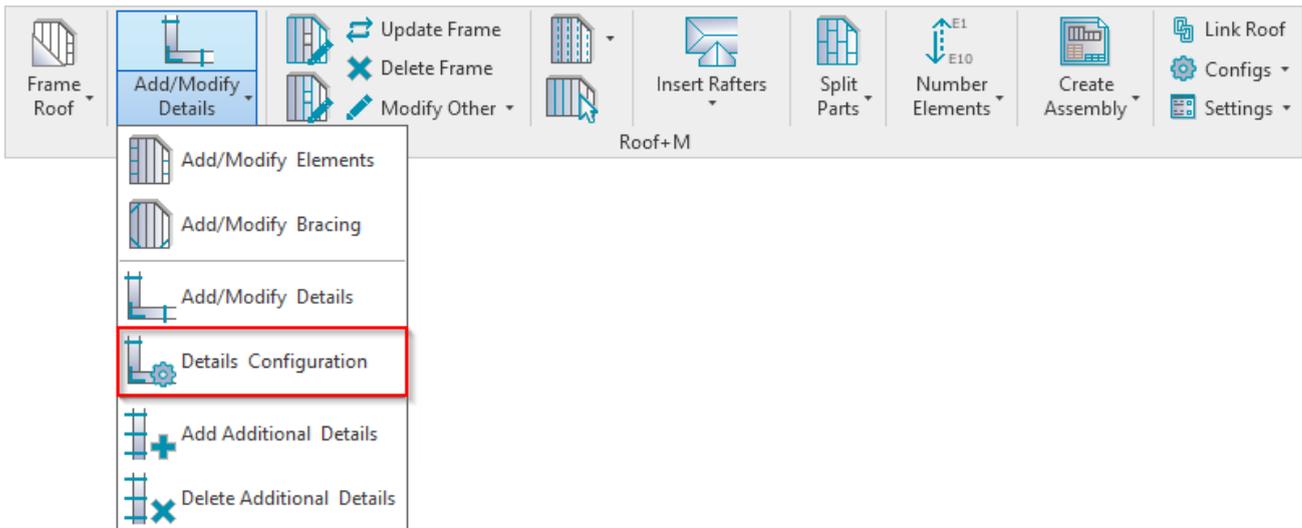
Modified on: Sat, 16 Jan, 2021 at 8:13 PM

Add/Modify Details

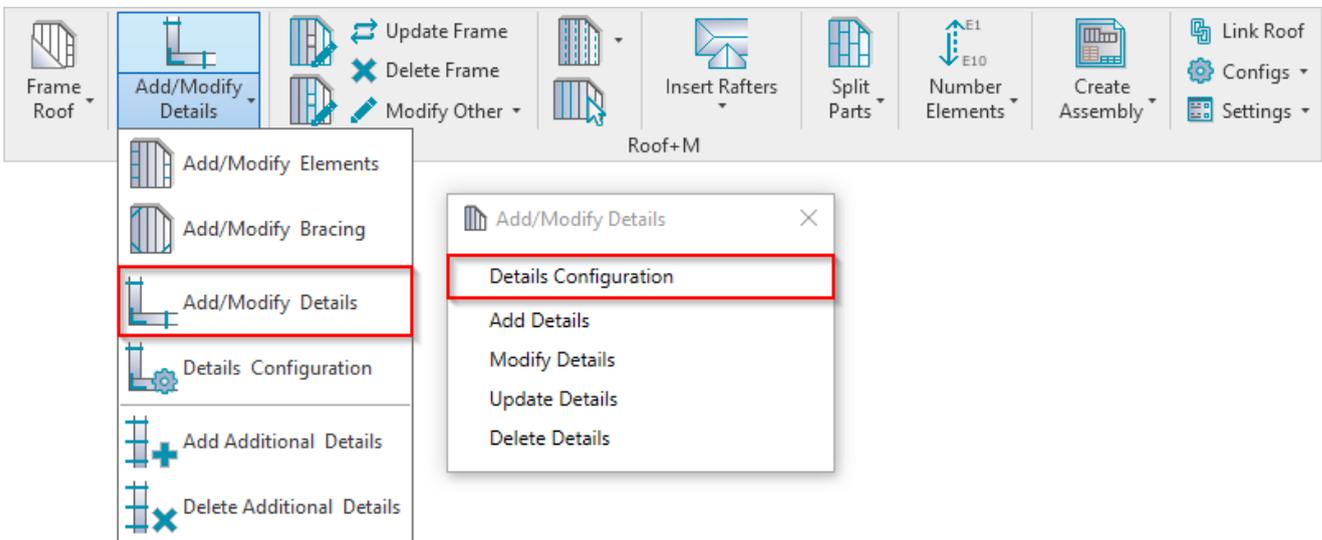


Add/Modify Details – for placing details in the frame. It is recommended to use these functions at the end of the framing process.

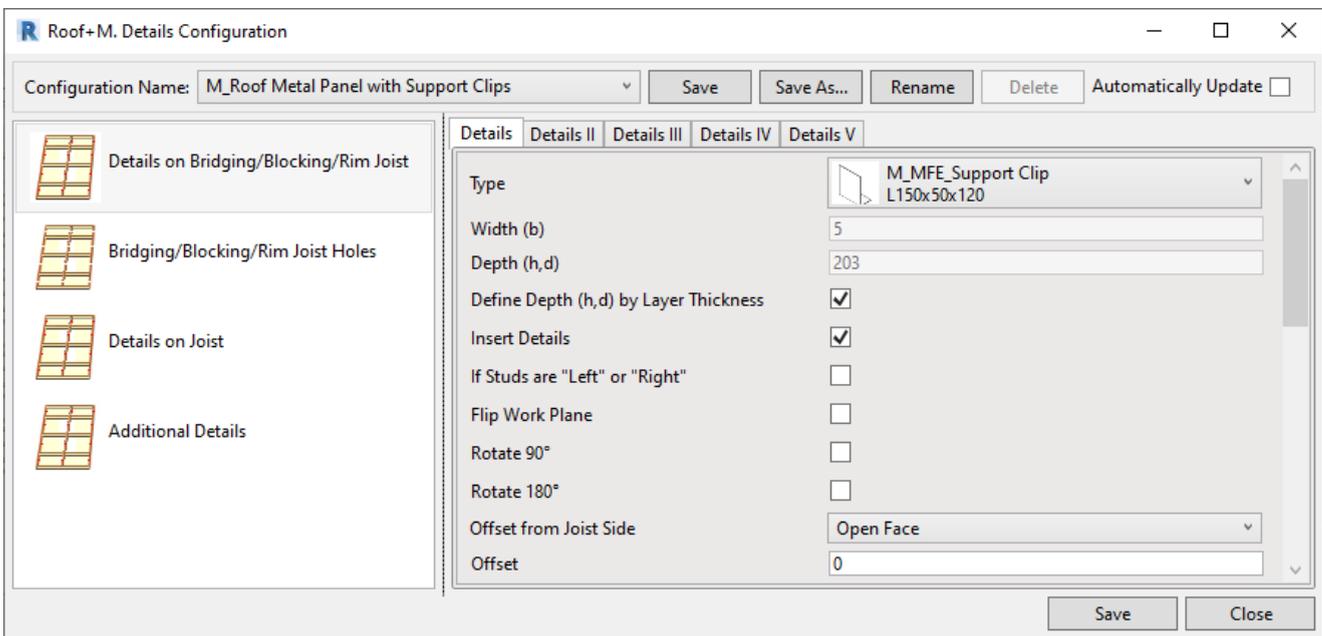
Details Configuration



or:



Details Configuration – definition of all detail-placing parameters.



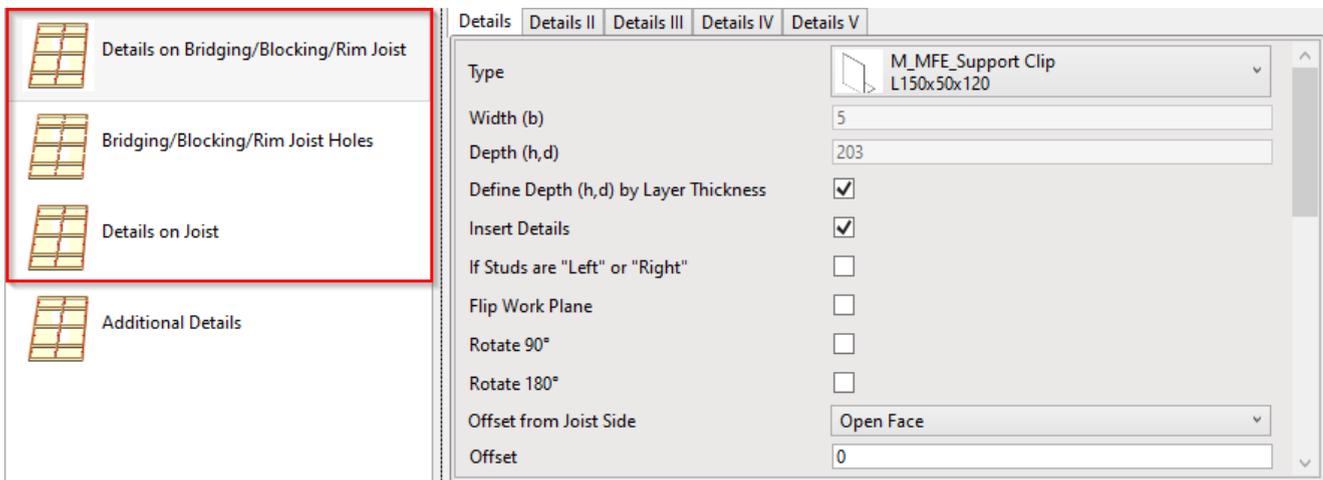
Configuration Name – configuration with all framing settings. You can use sample configurations or create new ones. Also you can rename or delete existing configurations.

By default, **Roof+M** detail configurations are saved in *C:\Users\user name\AppData\Roaming\Tools 4 Revit\Roof+M2020 Configurations (or other version)\Details Configurations\Metric or Imperial* catalog. The content from this catalog can be copied to other users' computers if needed. Also the path can be changed in **Roof+M** → **Settings** → **Configuration Files' Location**.

C:\Users\Renata\AppData\Roaming\Tools 4 Revit\M2020 Configurations

Name	Date modified	Type
CustomFramingJoins	2019-09-16 20:24	File folder
Details Configurations	2019-09-14 17:23	File folder
Framing Configurations	2019-07-31 20:14	File folder
HipValley Configurations	2019-07-31 20:14	File folder
Mark Configurations	2019-09-14 17:30	File folder
Numbering Setup Configurations	2019-09-12 20:29	File folder
Part Configurations	2019-07-31 20:14	File folder
Sheathing Configurations	2019-07-31 20:14	File folder
Shop Drawing Configurations	2019-09-16 18:41	File folder
Workshop Configurations	2019-09-18 09:16	File folder

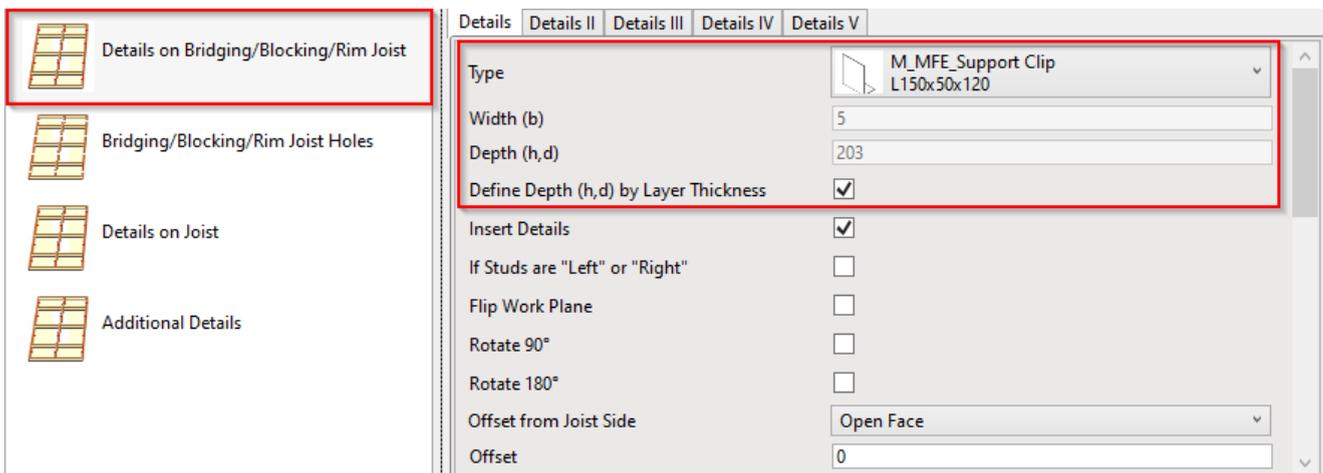
Details on Bridging/Blocking/Rim Joist, Details on Joist and Bridging/Blocking/Rim Joist Holes



Details on Bridging/Blocking/Rim Joist, Details on Joist and Bridging/Blocking/Rim Joist Holes – different rules for placing details and holes.

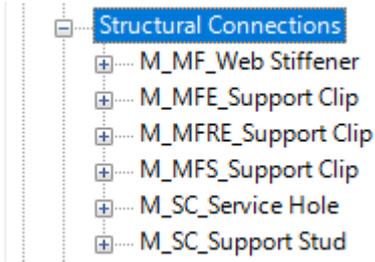
You can very easily predefine different insertion rules for 4 detail families using the 4 tabs across the top of the dialog.

Type and Define Depth (h,d) by Layer Thickness



Type – select a family and type of the detail.

Sample detail and hole families (Metric or Imperial), which come with **Roof+M**:

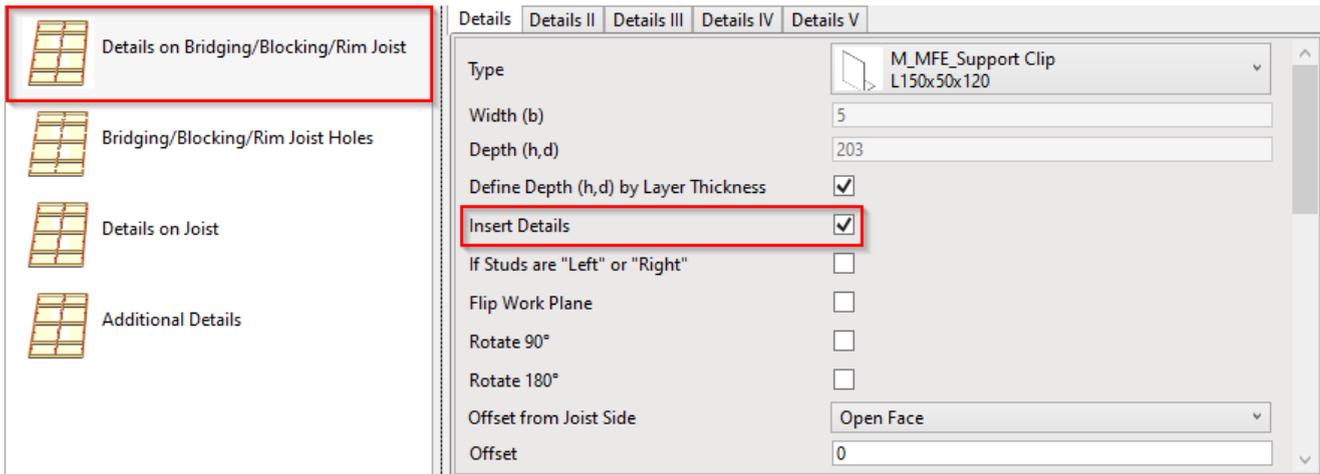


Width (b) – shows the width, b parameter value from selected family type.

Depth (h, d) – shows the depth, h or d parameter value from selected family type.

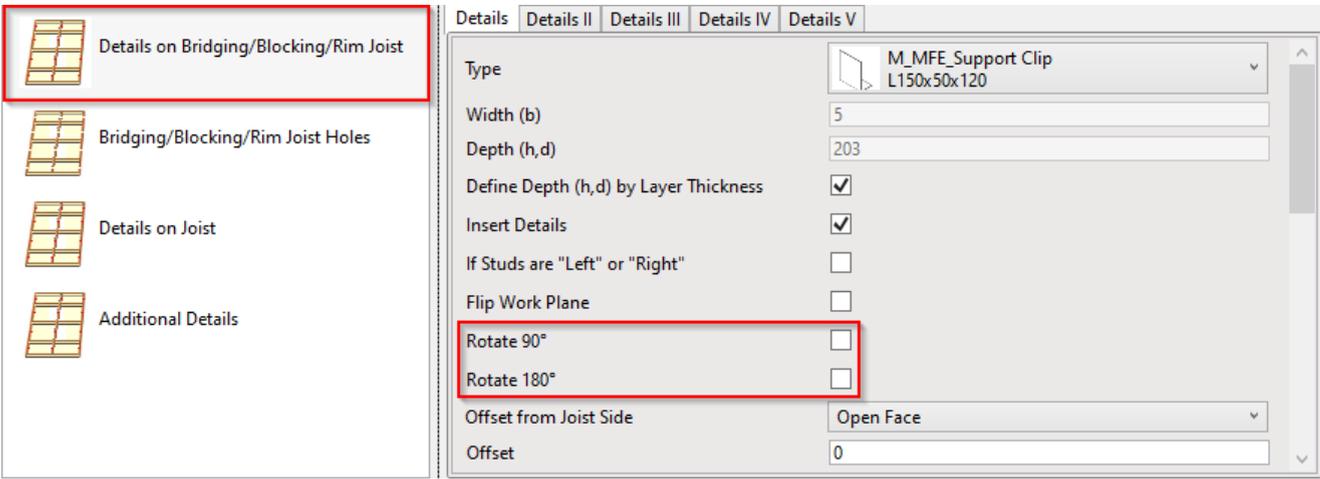
Define Depth (h, d) by Layer Thickness – the software will create new type for selected family and change depth value to the roof layer thickness. So the details or holes will fit the layer in the roof.

Insert Details



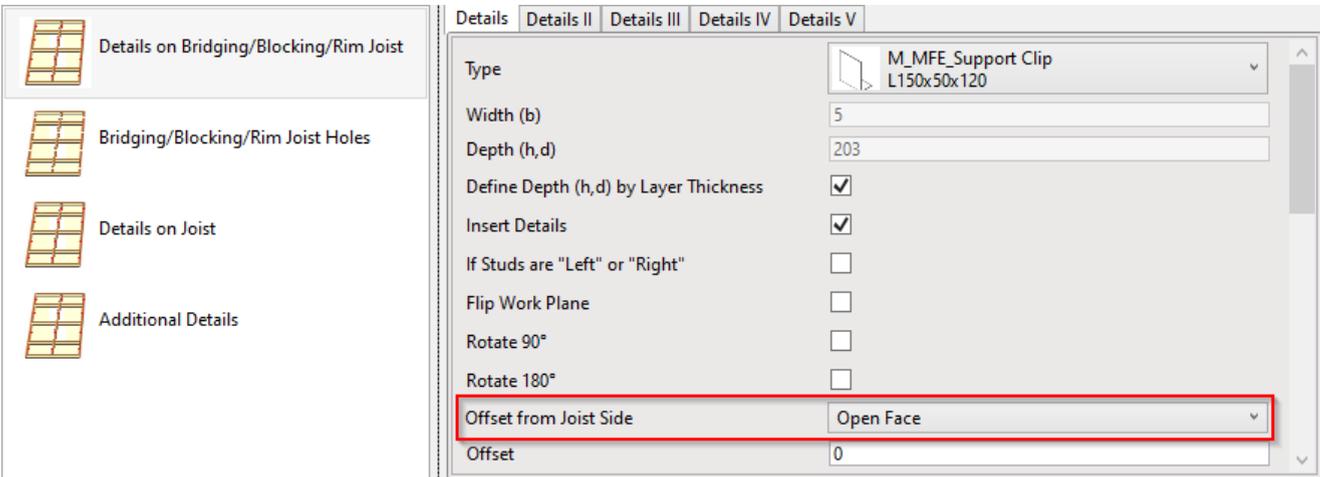
Insert Details – the details or holes with rules that are listed below will be (not) applied in the frame. You can predefine the rules for the details, but it will not necessarily have to be added during the current insertion process.

Rotate 90°, 180°



Rotate 90°, 180° – if ON, then rotates detail by 90 or 180 degrees. Rotation depends on how the family is created.

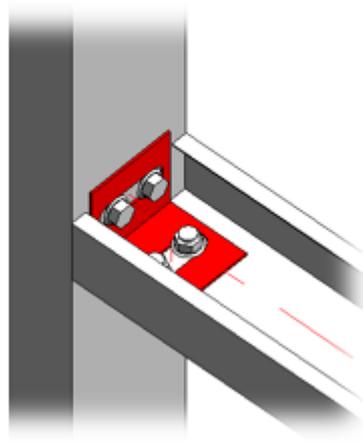
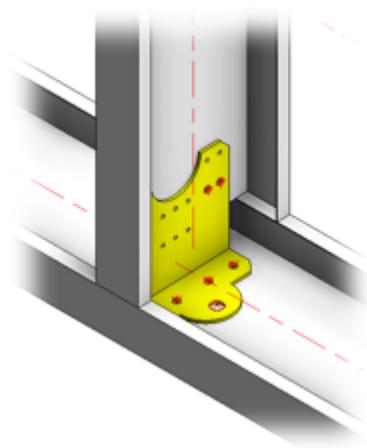
Offset from Joist Side



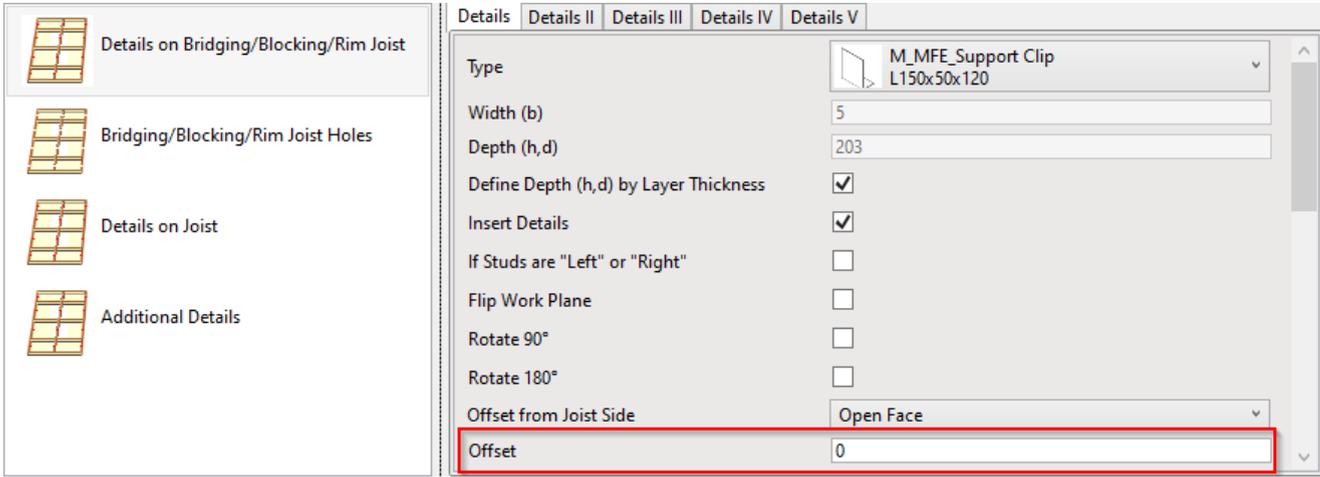
Offset from Joist Side – detail insertion placement: **Left, Right, Left and Right, or Center between Two.**

Detail on Joists' Open Face

Detail on Joists' Solid Face

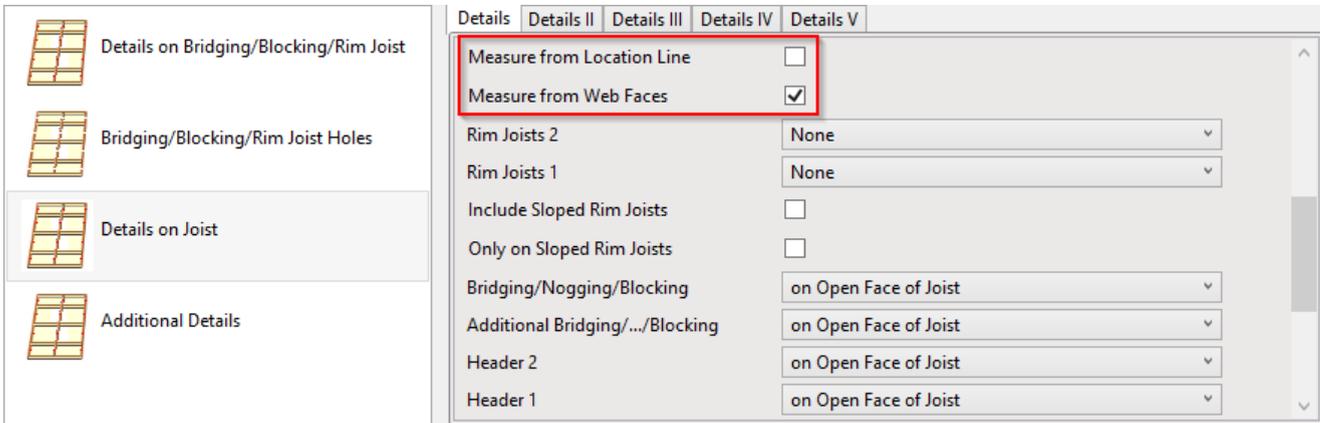


Offset



Offset – distance between detail and a joist.

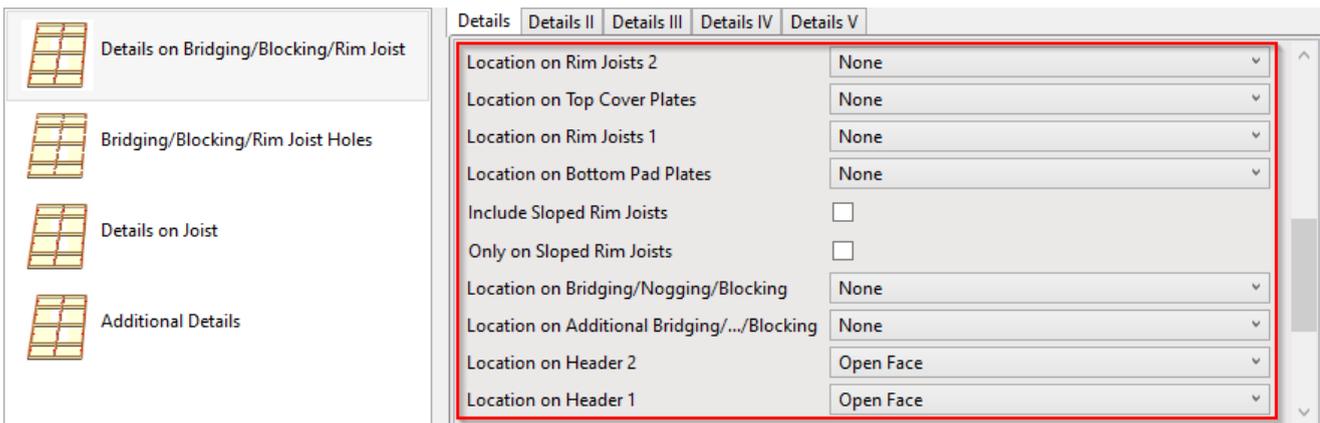
Measure from Location Line/Web Faces



Measure from Location Line – if ON, then the distance for detail placement will be calculated from the Bridging/Nogging/Blocking/Joist location line.

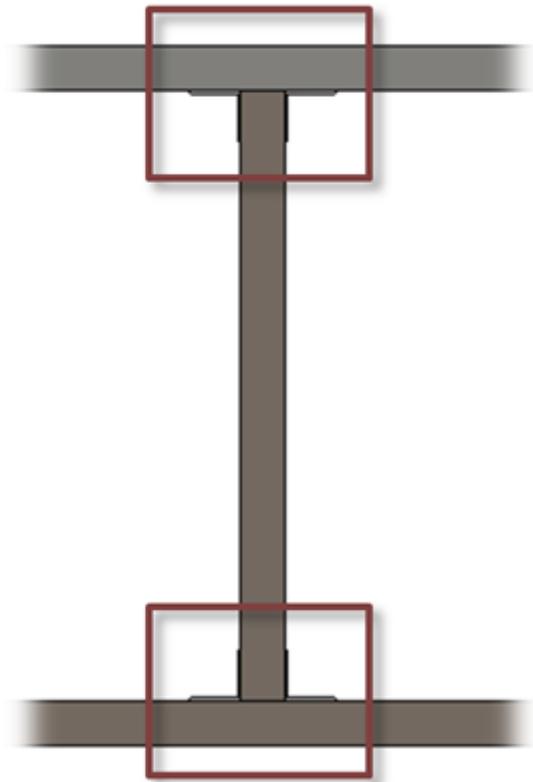
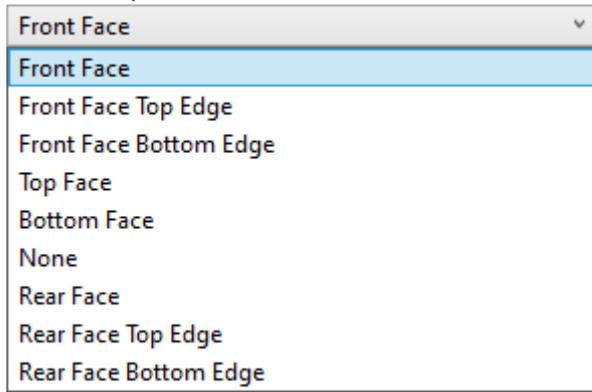
Measure from Web Faces – if ON, then the distance for detail placement will be calculated from the Bridging/Nogging/Blocking/Joist web faces.

Location



Location settings – predefine detail position on top/bottom rim joists/cover plates, bridgings/noggings, headers, etc.

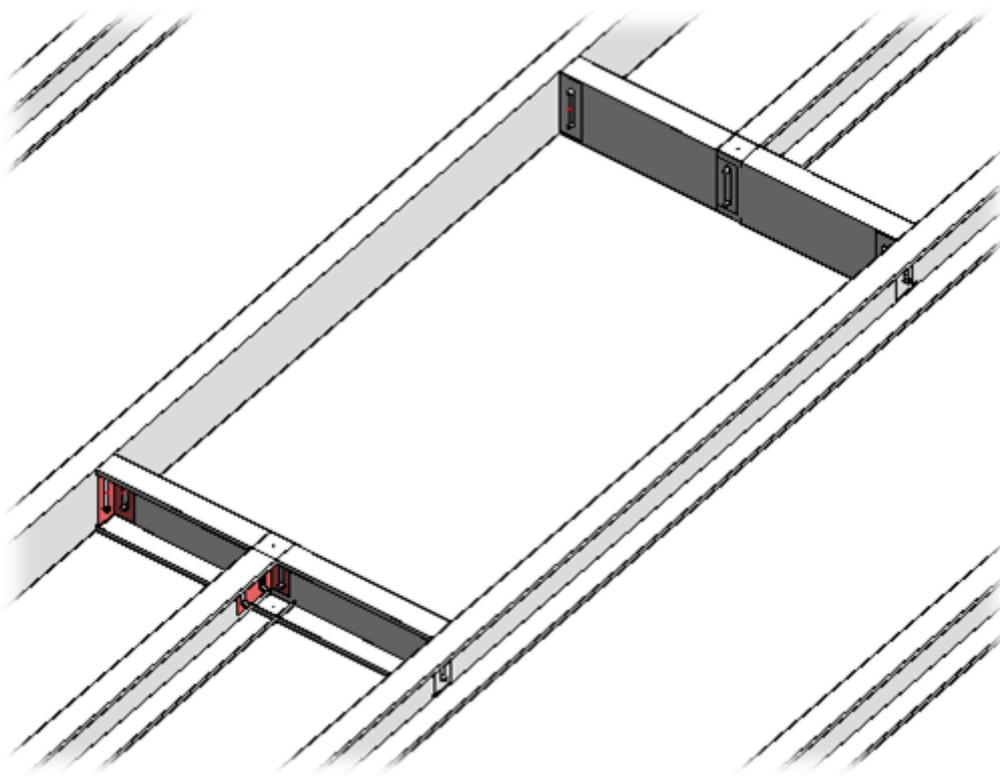
Possible options:



Include Openings

	Details	Details II	Details III	Details IV
	Details on Bridging/Blocking/Rim Joist			
	Bridging/Blocking/Rim Joist Holes			
	Details on Joist			
	Additional Details			
	Measure from Joist Web Faces	<input type="checkbox"/>		
	Location on Rim Joists 2			Front Face Bottom Edge
	Location on Top Cover Plates			None
	Location on Rim Joists 1			Rear Face Bottom Edge
	Location on Bottom Pad Plates			None
	Include Sloped Rim Joists	<input checked="" type="checkbox"/>		
	Only on Sloped Rim Joists	<input type="checkbox"/>		
	Location on Bridging/Nogging/Blocking			None
	Location on Additional Bridging/.../Blocking			None
	Location on Header 2			Rear Face Bottom Edge
	Location on Header 1			Front Face Bottom Edge
	Include Openings	<input checked="" type="checkbox"/>		
	Min. Distance between Joists			50

Include Openings – if ON, then the details will be inserted on elements above and below the openings.



Min Distance between Joists

 Details on Bridging/Blocking/Rim Joist  Bridging/Blocking/Rim Joist Holes  Details on Joist  Additional Details	Holes Holes II Holes III Holes IV Location on Bottom Pad Plates <input type="text" value="None"/> Include Sloped Rim Joists <input type="checkbox"/> Only on Sloped Rim Joists <input type="checkbox"/> Location on Bridging/Nogging/Blocking <input type="text" value="Front Face"/> Location on Additional Bridging/.../Blocking <input type="text" value="Front Face"/> Location on Header 2 <input type="text" value="None"/> Location on Header 1 <input type="text" value="None"/> Include Openings <input checked="" type="checkbox"/> Min. Distance between Joists <input type="text" value="300"/> Add Details if Element is Crossing Joist <input type="checkbox"/> Add Details if Joist is Crossing Element <input checked="" type="checkbox"/> Add Details for L Connections <input checked="" type="checkbox"/> Add Details if Studs are Nested <input type="checkbox"/>
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Min. Distance between Joists – define the minimum distance between joists where details will be inserted.

Add Details if Element is Crossing Joist

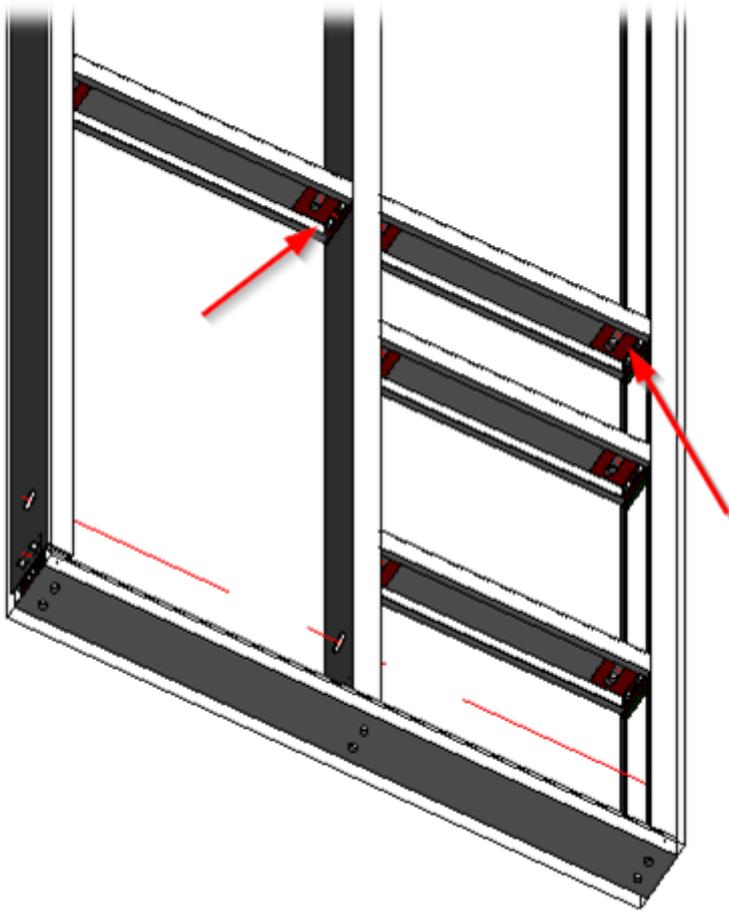
 Details on Bridging/Blocking/Rim Joist  Bridging/Blocking/Rim Joist Holes  Details on Joist  Additional Details	Details Details II Details III Details IV Location on Additional Bridging/.../Blocking <input type="text" value="Front Face"/> Location on Header 2 <input type="text" value="None"/> Location on Header 1 <input type="text" value="None"/> Include Openings <input checked="" type="checkbox"/> Min. Distance between Joists <input type="text" value="50"/> Add Details if Element is Crossing Joist <input type="checkbox"/> Add Details if Joist is Crossing Element <input checked="" type="checkbox"/> Add Details for L Connections <input checked="" type="checkbox"/> Add Details if Studs are Nested <input type="checkbox"/>
--	--

Add Details if Element is Crossing Joist – adds details in places where rim joist/bridging/nogging is crossing joist.

Add Details if Joist is Crossing Element

 Details on Bridging/Blocking/Rim Joist  Bridging/Blocking/Rim Joist Holes  Details on Joist  Additional Details	Details Details II Details III Details IV Location on Additional Bridging/.../Blocking <input type="text" value="Front Face"/> Location on Header 2 <input type="text" value="None"/> Location on Header 1 <input type="text" value="None"/> Include Openings <input checked="" type="checkbox"/> Min. Distance between Joists <input type="text" value="50"/> Add Details if Element is Crossing Joist <input type="checkbox"/> Add Details if Joist is Crossing Element <input checked="" type="checkbox"/> Add Details for L Connections <input checked="" type="checkbox"/> Add Details if Studs are Nested <input type="checkbox"/>
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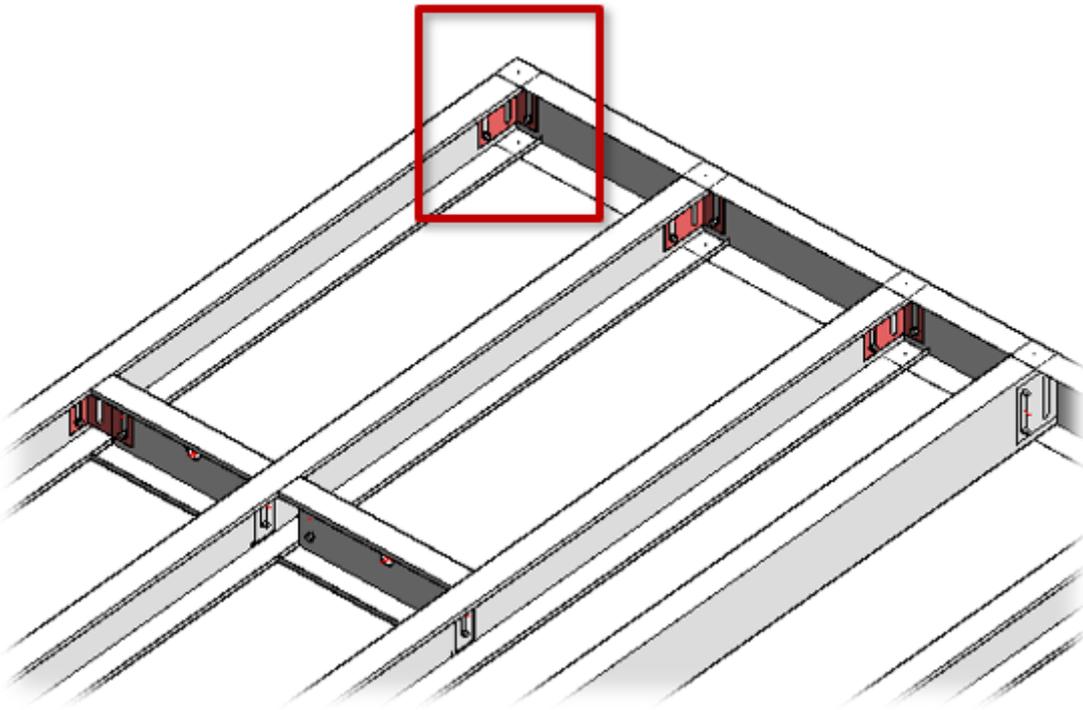
Add Details if Joist is Crossing Element – adds details in places where joist is crossing rim joist/bridging/nogging.



Add Details for L Connections

	Details	Details II	Details III	Details IV
 Details on Bridging/Blocking/Rim Joist				
 Bridging/Blocking/Rim Joist Holes				
 Details on Joist				
 Additional Details				
	Location on Additional Bridging/.../Blocking			Front Face
	Location on Header 2			None
	Location on Header 1			None
	Include Openings			<input checked="" type="checkbox"/>
	Min. Distance between Joists			50
	Add Details if Element is Crossing Joist			<input type="checkbox"/>
	Add Details if Joist is Crossing Element			<input checked="" type="checkbox"/>
	Add Details for L Connections			<input checked="" type="checkbox"/>
	Add Details if Studs are Nested			<input type="checkbox"/>

Add Details for L Connections – adds details near L roof connections.



Additional Details

Additional Details – features for adding additional details by predefined rules.

Example: Anchors are added into end connection joists with predefined spacing:

