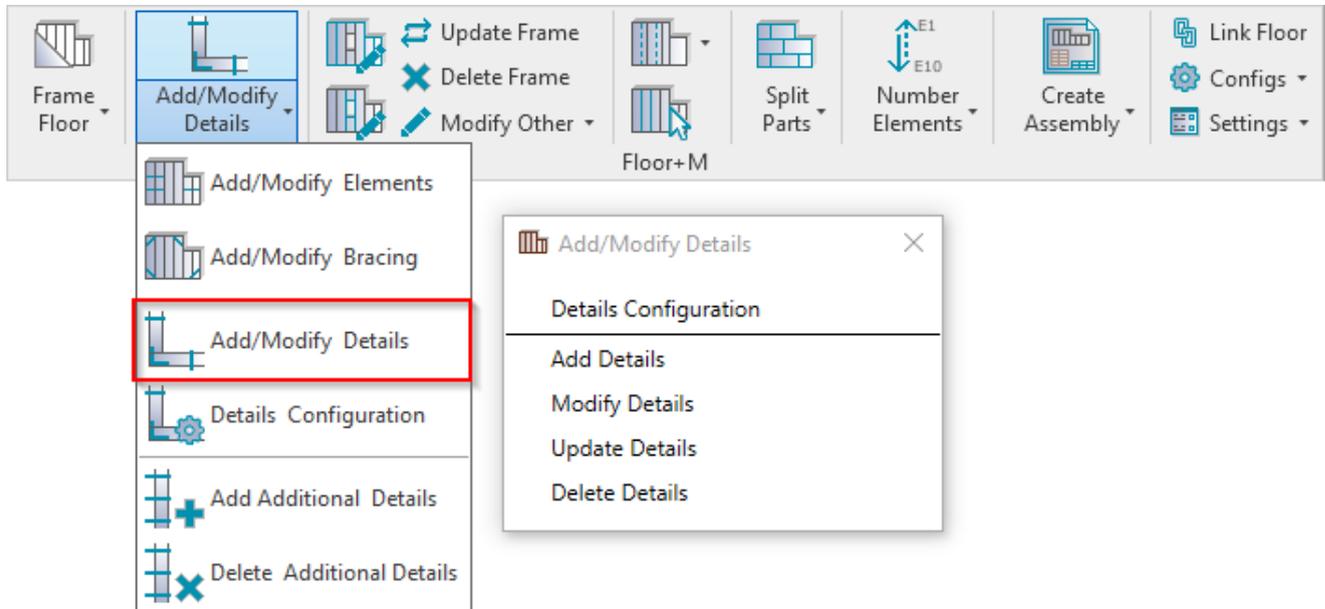


# ADD/MODIFY DETAILS – Details Configuration

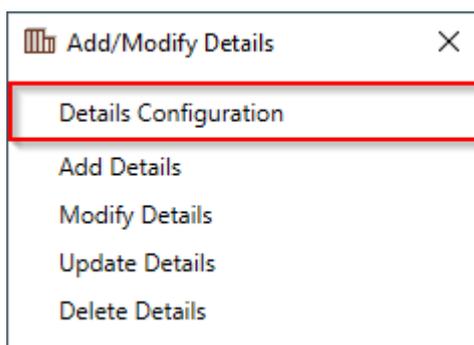
Modified on: Tue, 10 Sep, 2019 at 8:34 PM

## Add/Modify Details

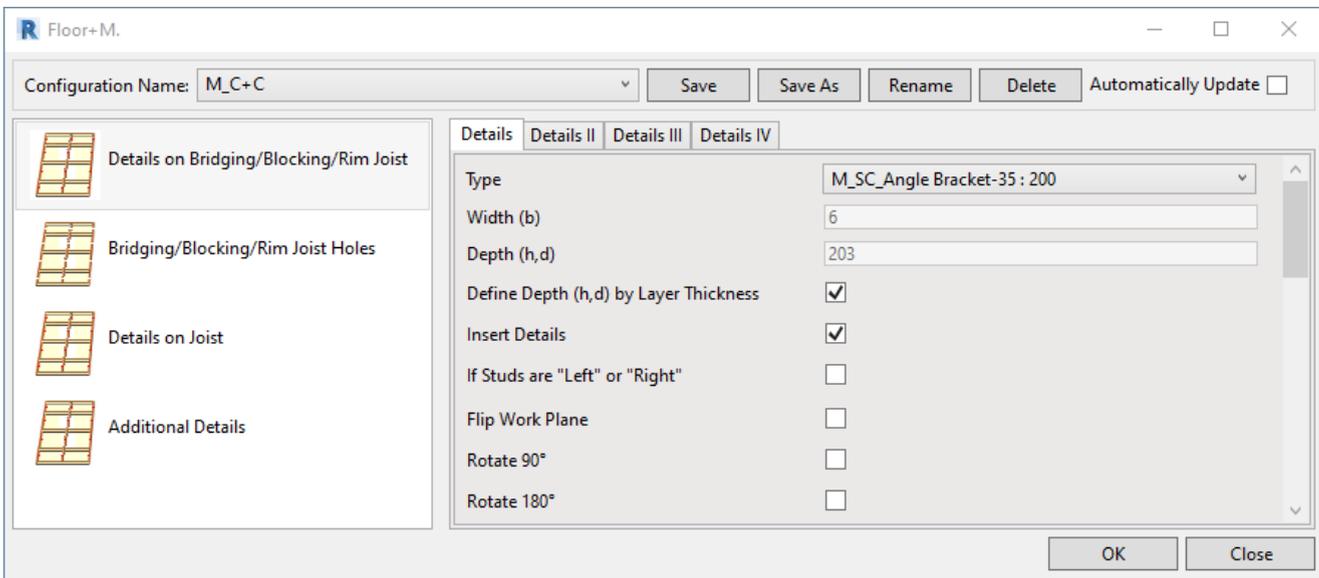


**Add/Modify Details** – for placing details in the frame. It is recommended to use these functions at the end of the framing process.

## Details Configuration

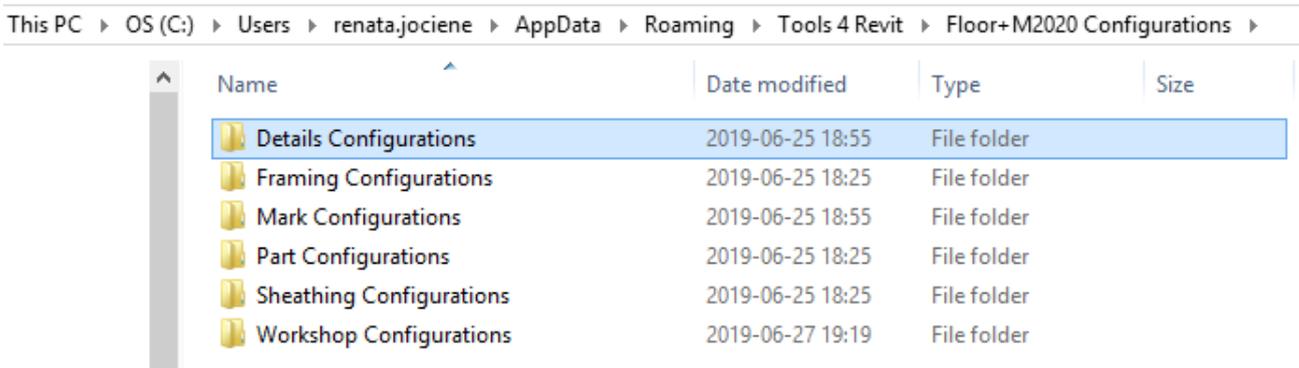


**Details Configuration** – definition of all detail-placing parameters.

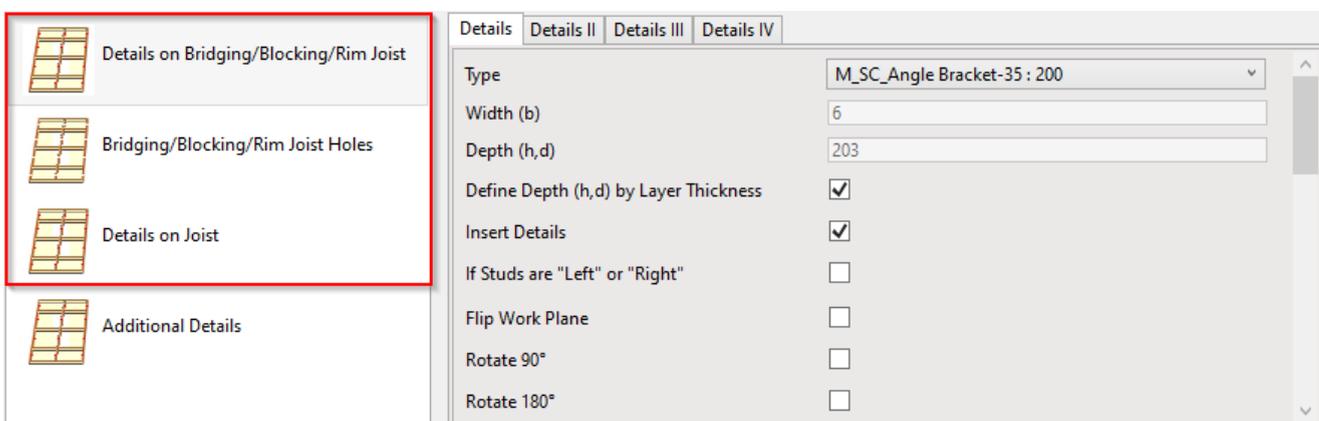


**Configuration Name** – configuration with all framing settings. You can use sample configurations or create new ones. Also you can rename or delete existing configurations.

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



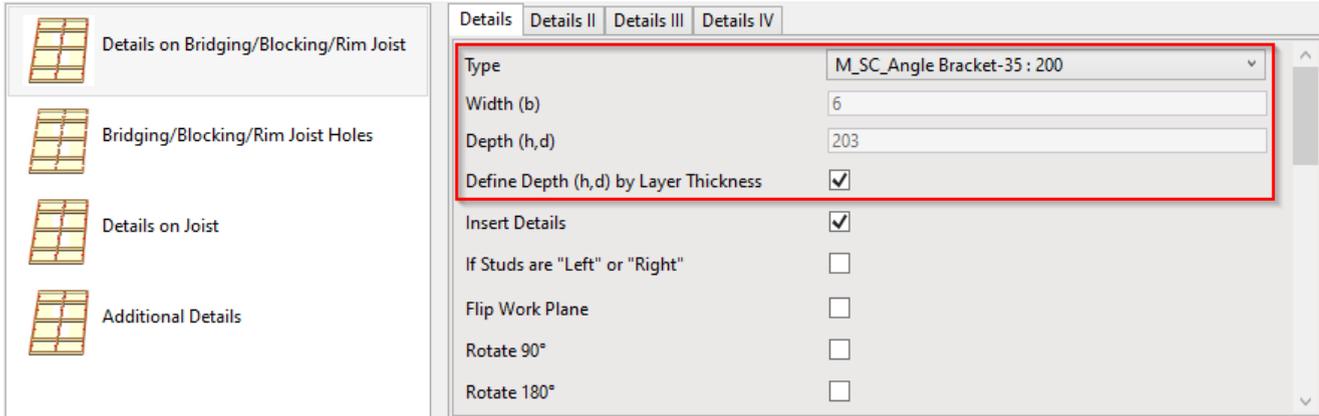
## Details on Bridging/Blocking/Rim Joist, Details on Joist and Bridging/Blocking/Rim Joist Holes



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

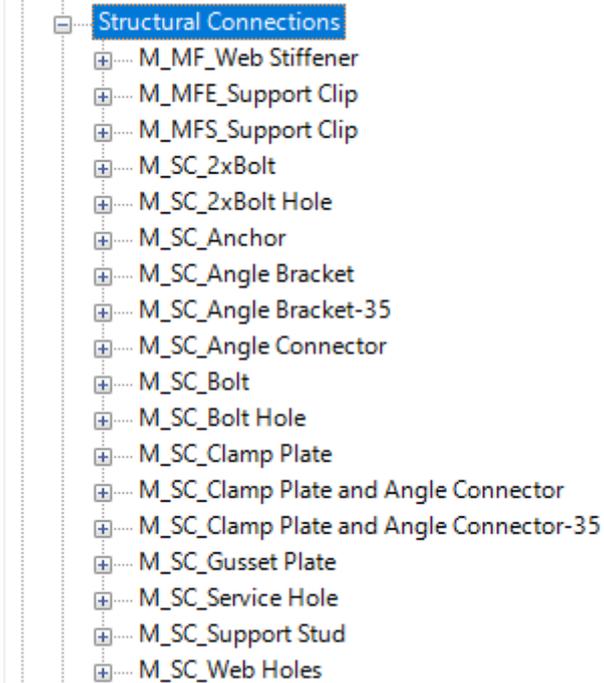
You can very easily predefine different insertion rules for 4 detail families using the 4 tabs across the top of the dialog.

## 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 **Floor+M**:

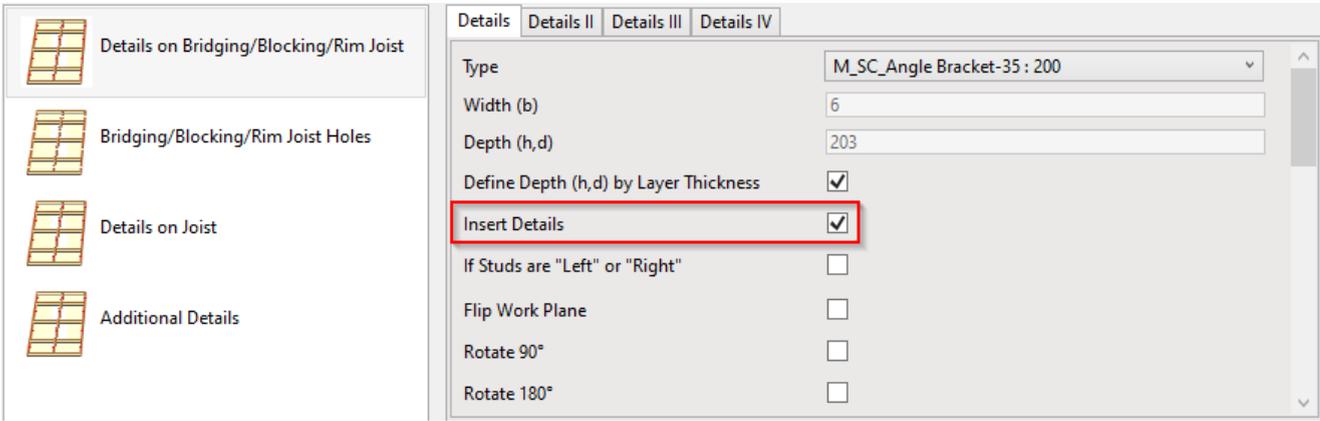


**Width (b)** – shows the width, b parameter value from selected family type.

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

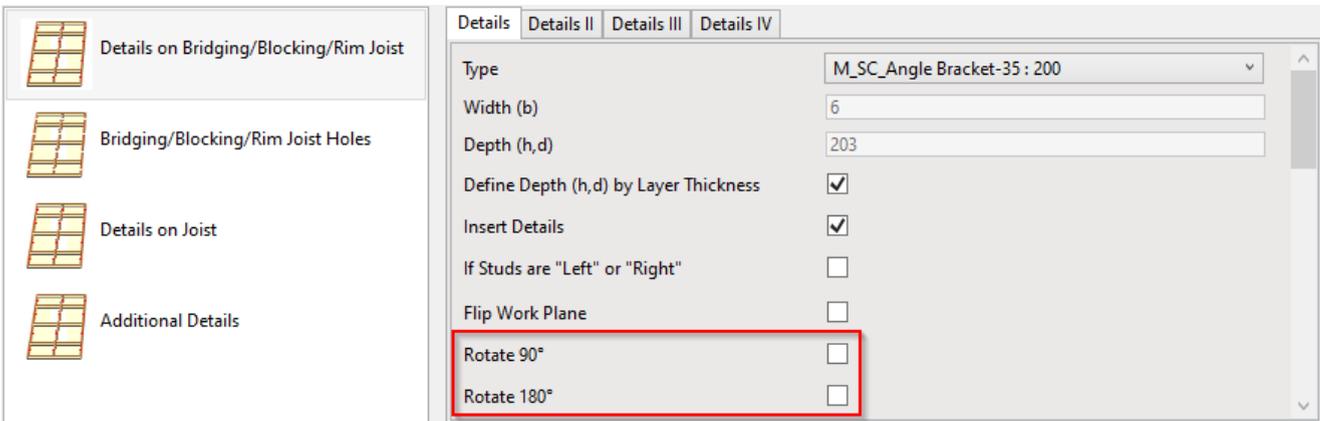
**Define Depth (h, d) by Layer Thickness** – the software will create new type for selected family and change depth value to the floor layer thickness. So the details or holes will fit the layer in the floor.

## Insert Details



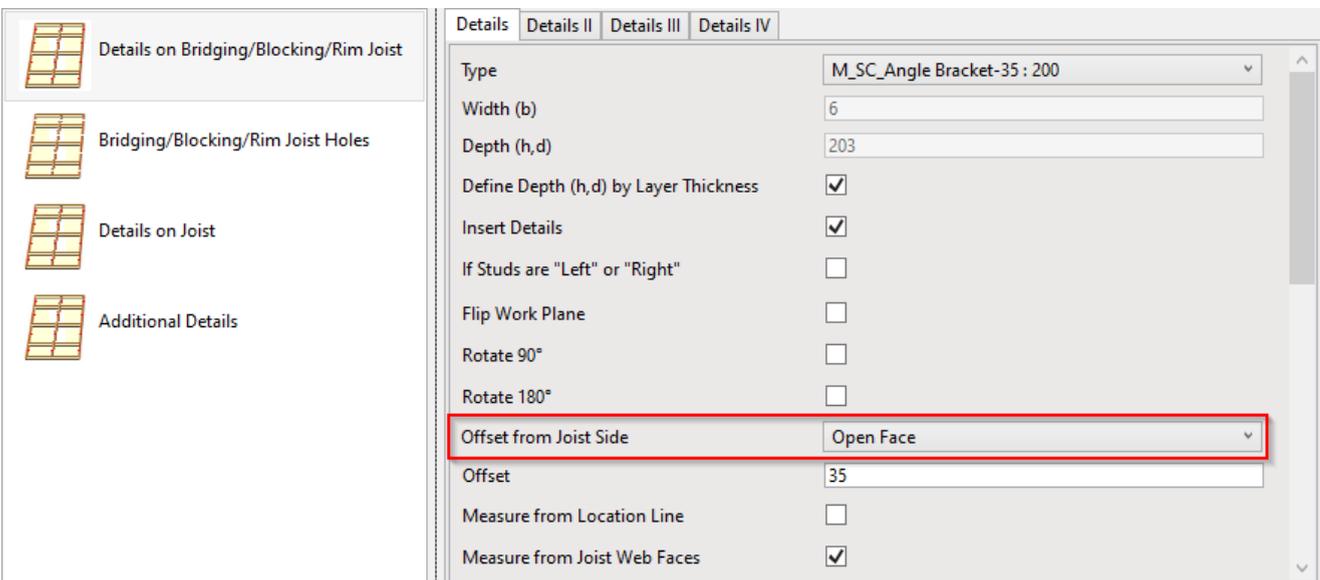
**Insert Details** – the details or holes with rules that are listed below will be (not) applied in the frame. You can predefine the rules for the details, but it will not necessarily have to be added during the current insertion process.

### Rotate 90°, 180°



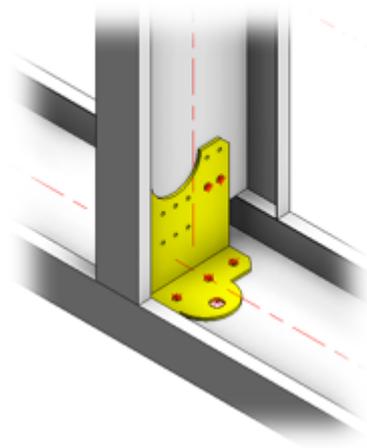
**Rotate 90°, 180°** – if ON, then rotates detail by 90 or 180 degrees. Rotation depends on how the family is created.

### Offset from Joist Side

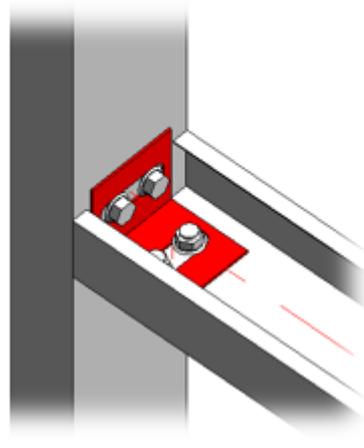


**Offset from Joist Side** – detail insertion placement: **Left, Right, Left and Right, Solid/Open Face** or **Center between Two**.

### Detail on Joists' Open Face



### Detail on Joists' Solid Face



## Offset

	Details	Details II	Details III	Details IV
	Details on Bridging/Blocking/Rim Joist			
	Bridging/Blocking/Rim Joist Holes			
	Details on Joist			
	Additional Details			
Type	M_SC_Angle Bracket-35 : 200			
Width (b)	6			
Depth (h,d)	203			
Define Depth (h,d) by Layer Thickness	<input checked="" type="checkbox"/>			
Insert Details	<input checked="" type="checkbox"/>			
If Studs are "Left" or "Right"	<input type="checkbox"/>			
Flip Work Plane	<input type="checkbox"/>			
Rotate 90°	<input type="checkbox"/>			
Rotate 180°	<input type="checkbox"/>			
Offset from Joist Side	Open Face			
Offset	35			
Measure from Location Line	<input type="checkbox"/>			
Measure from Joist Web Faces	<input checked="" type="checkbox"/>			

**Offset** – distance between detail and a joist.

## Measure from Location Line/Web Faces

Details		Details II	Details III	Details IV
	Details on Bridging/Blocking/Rim Joist	Type	M_SC_Angle Bracket-35 : 200	
	Bridging/Blocking/Rim Joist Holes	Width (b)	6	
	Details on Joist	Depth (h,d)	203	
	Additional Details	Define Depth (h,d) by Layer Thickness	<input checked="" type="checkbox"/>	
		Insert Details	<input checked="" type="checkbox"/>	
		If Studs are "Left" or "Right"	<input type="checkbox"/>	
		Flip Work Plane	<input type="checkbox"/>	
		Rotate 90°	<input type="checkbox"/>	
		Rotate 180°	<input type="checkbox"/>	
		Offset from Joist Side	Open Face	
		Offset	35	
		Measure from Location Line	<input type="checkbox"/>	
		Measure from Joist Web Faces	<input checked="" type="checkbox"/>	

**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.

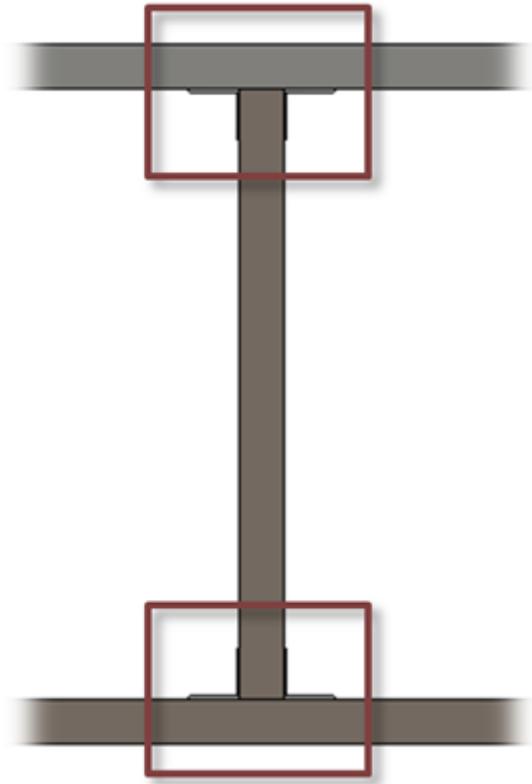
## Location

Details		Details II	Details III	Details IV
	Details on Bridging/Blocking/Rim Joist	Location on Rim Joists 2	Open Face	
	Bridging/Blocking/Rim Joist Holes	Location on Top Cover Plates	None	
	Details on Joist	Location on Rim Joists 1	Open Face	
	Additional Details	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	Open Face	
		Location on Additional Bridging/.../Blocking	Open Face	
		Location on Header 2	Open Face	
		Location on Header 1	Open Face	
		Include Openings	<input checked="" type="checkbox"/>	
		Min. Distance between Joists	50	
		Add Details if Element is Crossing Joist	<input checked="" 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"/>	

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

Possible options:

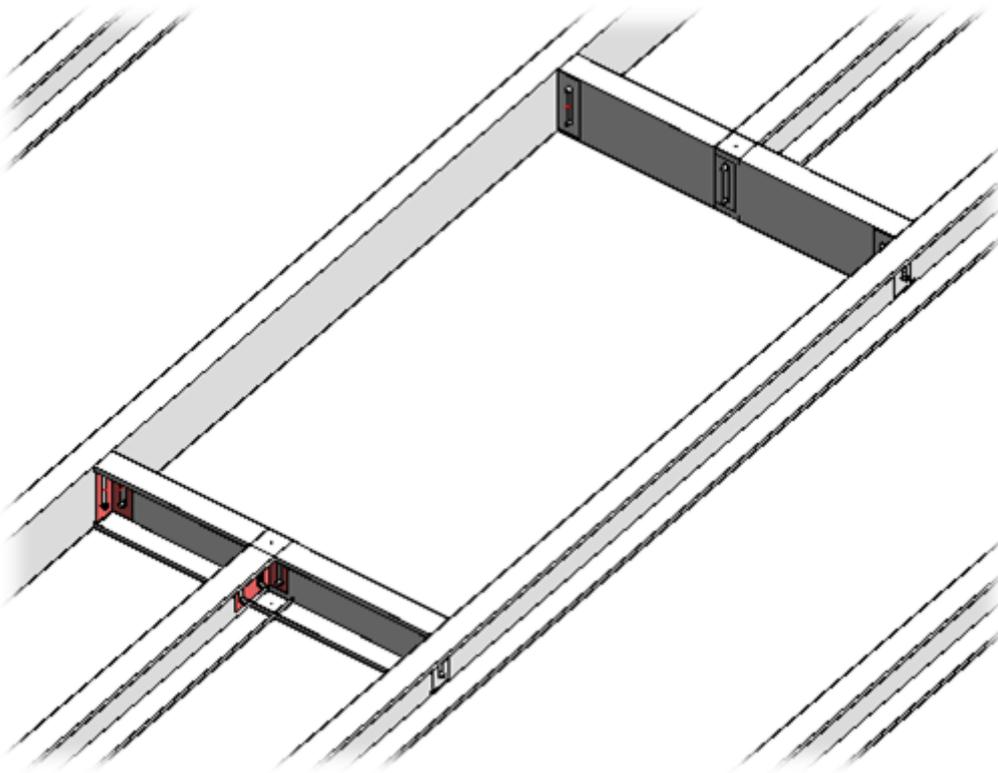
- Front Face
- Front Face
- Front Face Top Edge
- Front Face Bottom Edge
- Top Face
- Bottom Face
- None
- Rear Face
- Rear Face Top Edge
- Rear Face Bottom Edge



### 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			
	Location on Rim Joists 2			Open Face
	Location on Top Cover Plates			None
	Location on Rim Joists 1			Open Face
	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			Open Face
	Location on Additional Bridging/.../Blocking			Open Face
	Location on Header 2			Open Face
	Location on Header 1			Open Face
	<b>Include Openings</b>			<input checked="" type="checkbox"/>
	Min. Distance between Joists			50
	Add Details if Element is Crossing Joist			<input checked="" 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"/>

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



### Min Distance between Joists

		Details	Details II	Details III	Details IV
	Details on Bridging/Blocking/Rim Joist	Location on Rim Joists 2	Open Face		
	Bridging/Blocking/Rim Joist Holes	Location on Top Cover Plates	None		
	Details on Joist	Location on Rim Joists 1	Open Face		
	Additional Details	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	Open Face		
		Location on Additional Bridging/.../Blocking	Open Face		
		Location on Header 2	Open Face		
		Location on Header 1	Open Face		
		Include Openings	<input checked="" type="checkbox"/>		
		Min. Distance between Joists	50		
		Add Details if Element is Crossing Joist	<input checked="" 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"/>		

**Min. Distance between Joists** – define the minimum distance between joists where details will be inserted.

### Add Details if Element is Crossing Joist

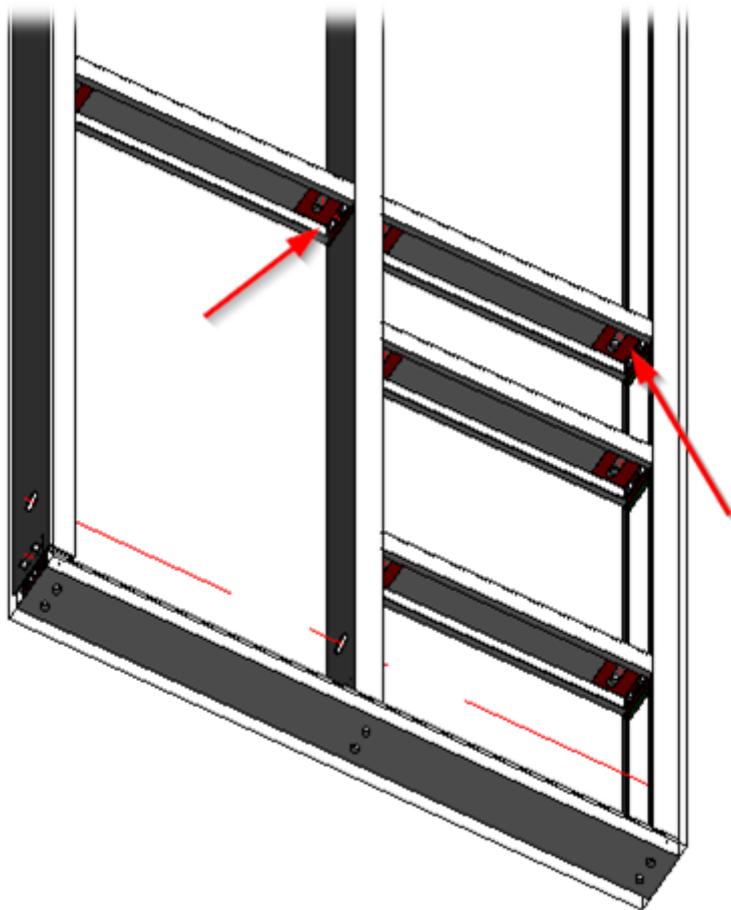
		Details	Details II	Details III	Details IV
	Details on Bridging/Blocking/Rim Joist	Location on Rim Joists 2	Open Face		
	Bridging/Blocking/Rim Joist Holes	Location on Top Cover Plates	None		
	Details on Joist	Location on Rim Joists 1	Open Face		
	Additional Details	Location on Bottom Pad Plates	None		
		Include Sloped Rim Joists	<input checked="" type="checkbox"/>		
		Only on Sloped Rim Joists	<input type="checkbox"/>		
		Location on Bridging/Nogging/Blocking	Open Face		
		Location on Additional Bridging/.../Blocking	Open Face		
		Location on Header 2	Open Face		
		Location on Header 1	Open Face		
		Include Openings	<input checked="" type="checkbox"/>		
		Min. Distance between Joists	50		
		Add Details if Element is Crossing Joist	<input checked="" 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	Details II	Details III	Details IV
Details on Bridging/Blocking/Rim Joist			
Bridging/Blocking/Rim Joist Holes			
Details on Joist			
Additional Details			
Location on Rim Joists 2			Open Face
Location on Top Cover Plates			None
Location on Rim Joists 1			Open Face
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			Open Face
Location on Additional Bridging/.../Blocking			Open Face
Location on Header 2			Open Face
Location on Header 1			Open Face
Include Openings			<input checked="" type="checkbox"/>
Min. Distance between Joists			50
Add Details if Element is Crossing Joist			<input checked="" 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"/>

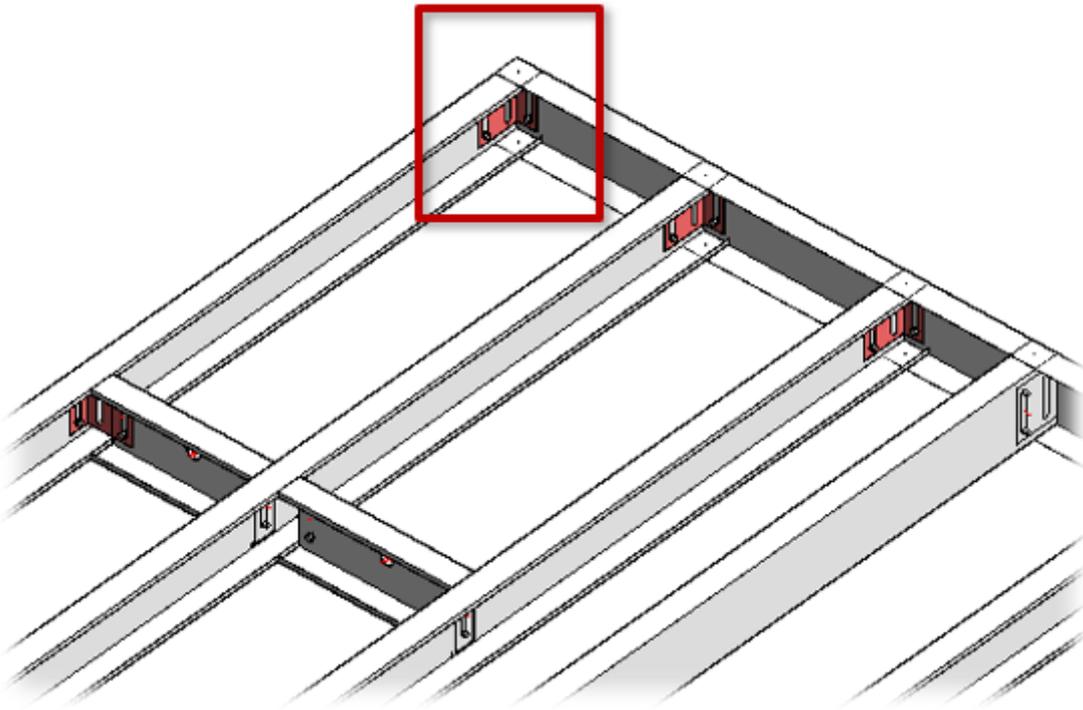
**Add Details if Joist is Crossing Element** – adds details in places where joist is crossing rim joist/bridging/nogging.



**Add Details for L Connections**

 Details on Bridging/Blocking/Rim Joist	Details	Details II	Details III	Details IV
 Bridging/Blocking/Rim Joist Holes	Location on Additional Bridging/.../Blocking	Front Face		
 Details on Joist	Location on Header 2	None		
 Additional Details	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 connections.



## Additional Details

Additional Details		Additional Details II	Additional Details III	Additional Details IV	Additional Details V	Additional Details VI
	Details on Bridging/Blocking/Rim Joist					
	Bridging/Blocking/Rim Joist Holes					
	Details on Joist					
	Additional Details					

Joist		Rim-Joist	
Element	Insert Details	Element	Insert Details
End Connection Joist	<input checked="" type="checkbox"/>	Rim Joist 2	<input type="checkbox"/>
Common Joist	<input type="checkbox"/>	Rim Joist 1	<input type="checkbox"/>
Trimming Joist	<input type="checkbox"/>	Top Cover Type	<input type="checkbox"/>
Trimmer	<input type="checkbox"/>	Bottom Pad Type	<input type="checkbox"/>
Top Trimmer	<input type="checkbox"/>	B/N/B	<input type="checkbox"/>
Bottom Trimmer	<input type="checkbox"/>	Top Plate Support	<input type="checkbox"/>
Top Cripple	<input type="checkbox"/>	Header 2	<input type="checkbox"/>
Bottom Cripple	<input type="checkbox"/>	Header 1	<input type="checkbox"/>
Edge Joist	<input type="checkbox"/>		

Type	M_SC_Anchor : D16
Width (b)	12.7
Depth (h,d)	12.7
Define Depth (h,d) by Layer Thickness	<input type="checkbox"/>
Distance/Spacing	400
Total Amount	5
Origin Point	Start Point
Offset	200
Location on Joist	Right Face

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

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

