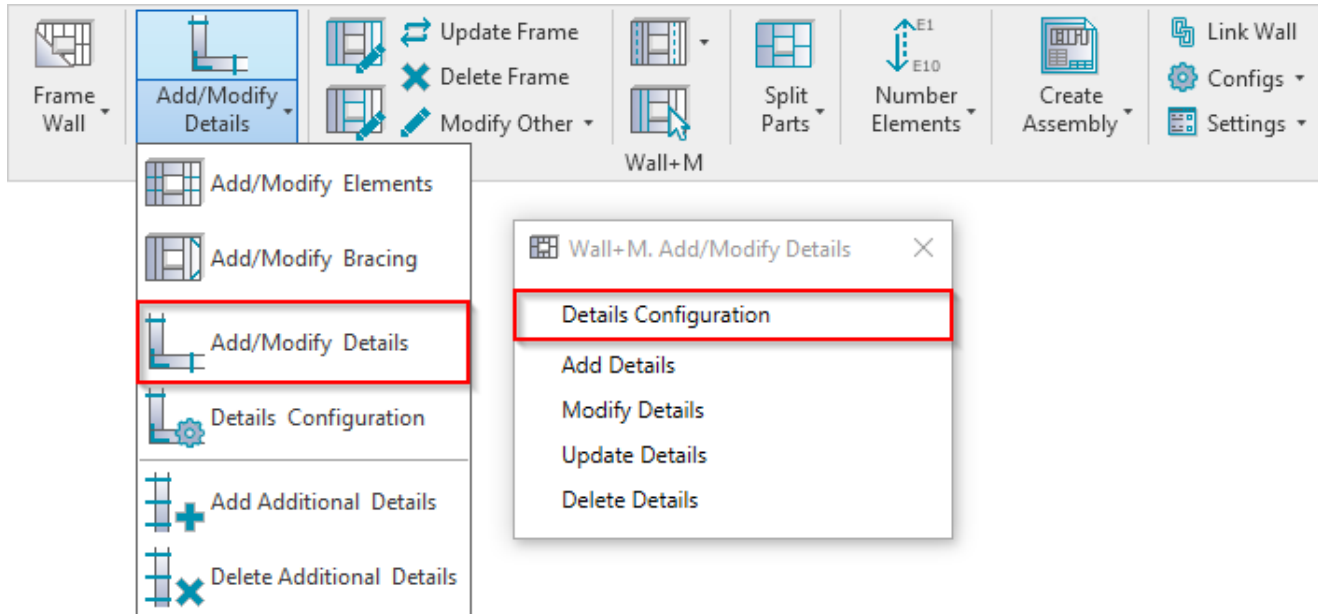


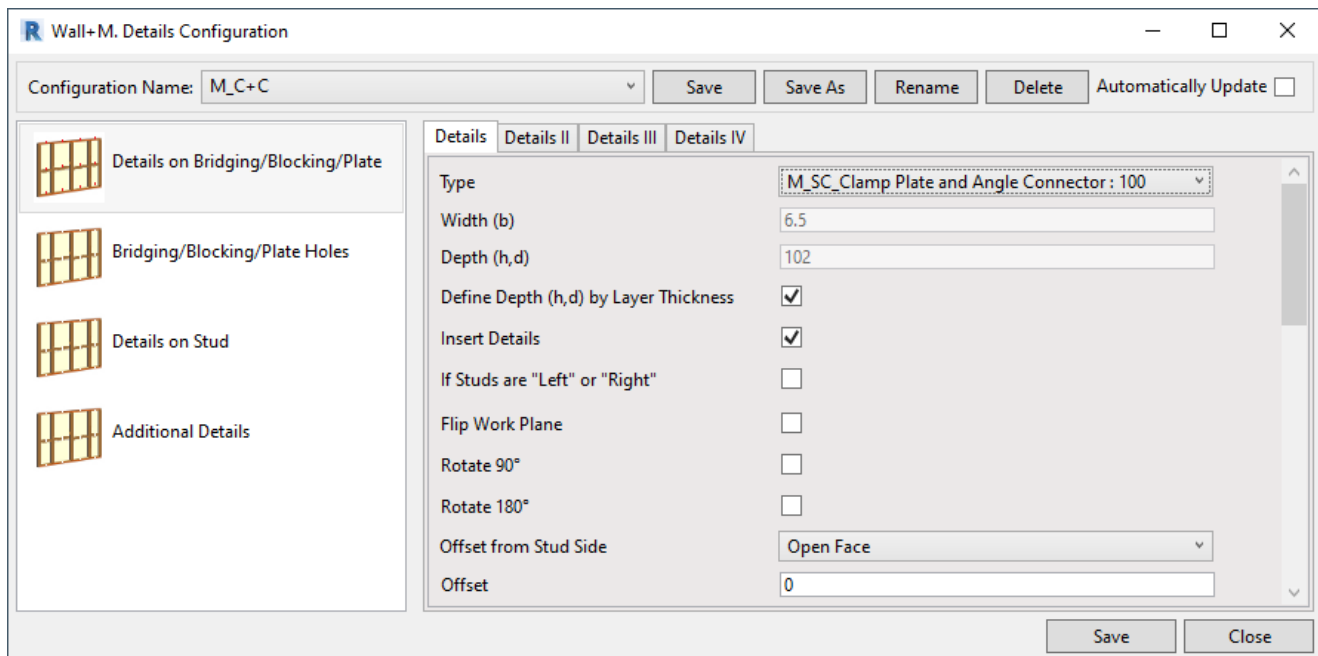
# ADD/MODIFY DETAILS – Details Configuration

Modified on: Fri, 6 Sep, 2019 at 7:35 PM

## Details Configuration



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

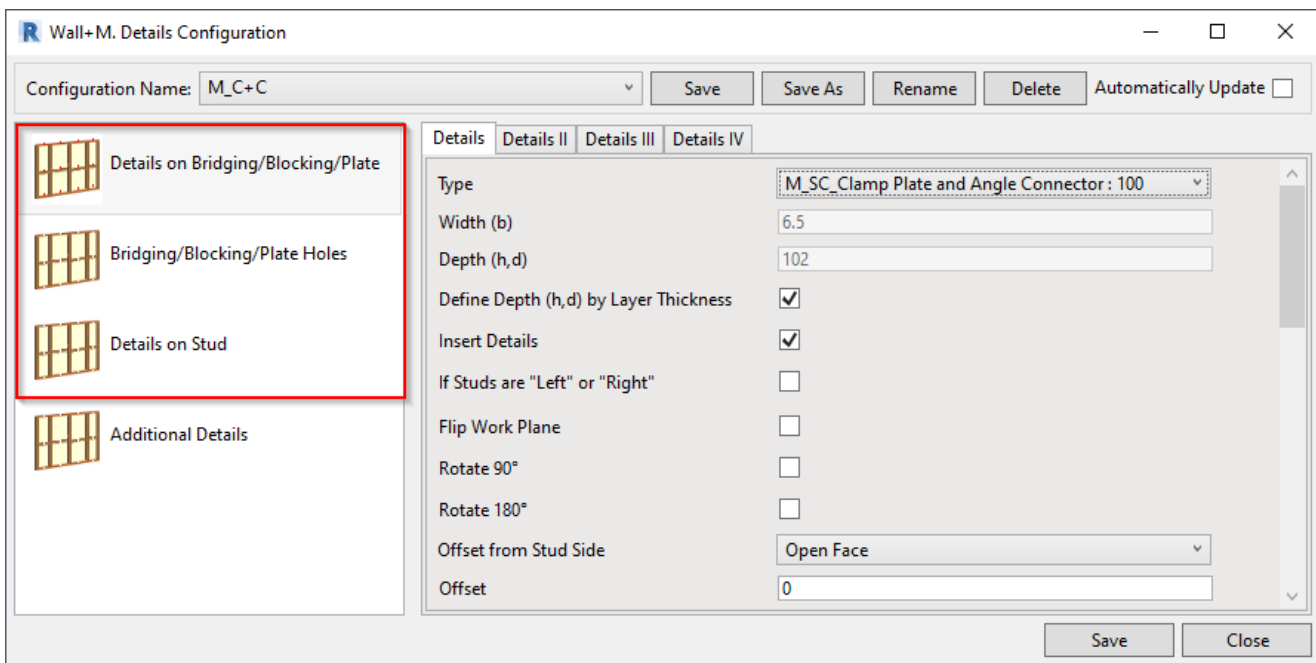


**Configuration Name** – configuration with all framing settings. You can use sample configurations or create new ones. Also you can rename or delete existing configurations.

By default, **Wall+M** detail configurations are saved in *C:\Users\user name\AppData\Roaming\Tools 4 Revit\Wall+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 **Wall+M** → **Settings** → **Configuration Files' Location**.

C:\Users\Renata\AppData\Roaming\Tools 4 Revit\Wall+M2020 Configurations		
Name	Date modified	Type
CustomFramingJoins	2019-09-04 20:08	File folder
Details Configurations	2019-08-29 20:25	File folder
Framing Configurations	2019-07-29 13:46	File folder
Mark Configurations	2019-08-29 20:29	File folder
Numbering Setup Configurations	2019-09-01 18:40	File folder
Part Configurations	2019-07-29 13:46	File folder
Sheathing Configurations	2019-07-29 13:46	File folder
Shop Drawing Configurations	2019-09-01 19:09	File folder
Validation Configurations	2019-08-29 20:49	File folder
Workshop Configurations	2019-09-05 20:04	File folder

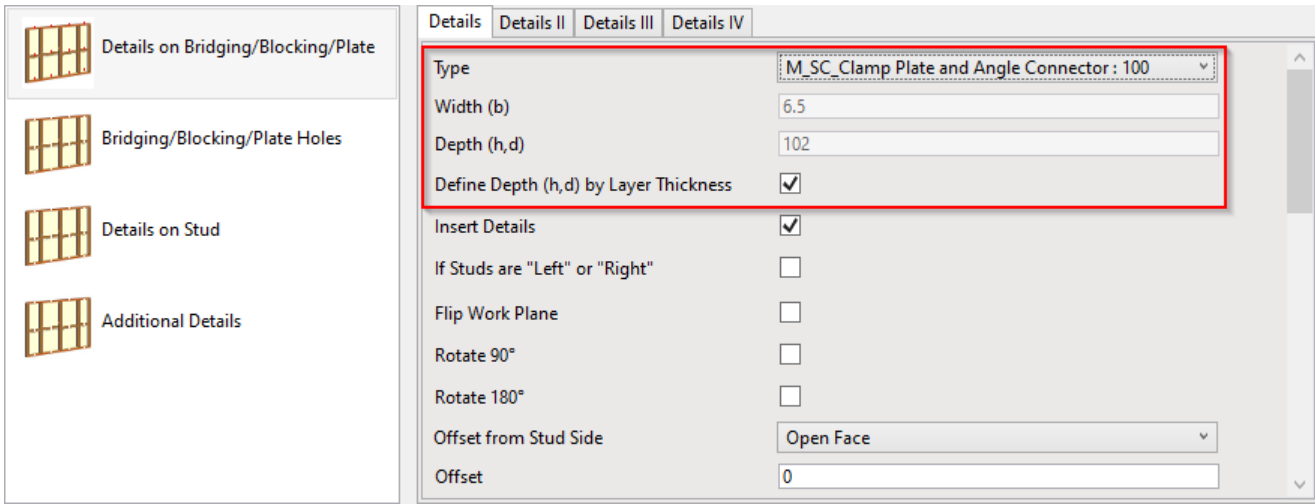
## Details on Bridging/Blocking/Plate, Details on Stud and Bridging/Blocking/Plate Holes



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

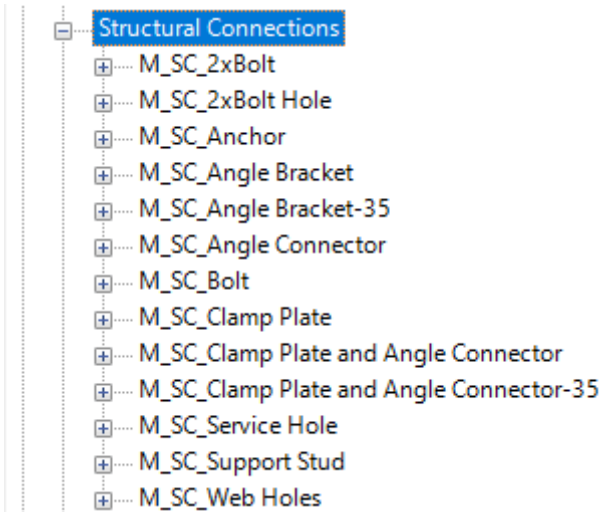
You can very easily predefine different insertion rules for 4 detail families using the 4 tabs across the top of the dialog.

## 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 **Wall+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 wall layer thickness. So the details or holes will fit the layer in the wall.

## Insert Details

		Details	Details II	Details III	Details IV	
	Details on Bridging/Blocking/Plate	Type	M_SC_Clamp Plate and Angle Connector : 100			
	Bridging/Blocking/Plate Holes	Width (b)	6.5			
	Details on Stud	Depth (h,d)	102			
	Additional Details	Define Depth (h,d) by Layer Thickness	<input checked="" type="checkbox"/>			
		<b>Insert Details</b>	<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 Stud Side	Open Face			
		Offset	0			

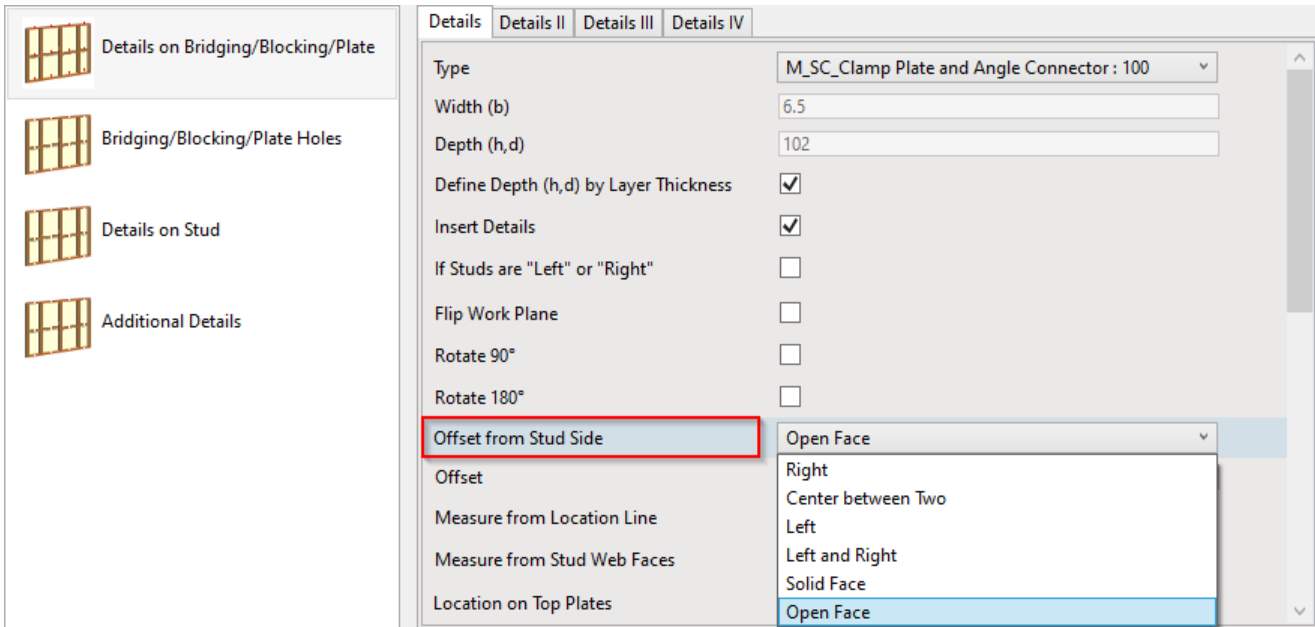
**Insert Details** – the details or holes with rules that are listed below will be (not) applied in the frame. You can predefine the rules for the details, but it will not necessarily have to be added during the current insertion process.

### Rotate 90°, 180°

		Details	Details II	Details III	Details IV	
	Details on Bridging/Blocking/Plate	Type	M_SC_Clamp Plate and Angle Connector : 100			
	Bridging/Blocking/Plate Holes	Width (b)	6.5			
	Details on Stud	Depth (h,d)	102			
	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"/>			
		<b>Rotate 90°</b>	<input type="checkbox"/>			
		<b>Rotate 180°</b>	<input type="checkbox"/>			
		Offset from Stud Side	Open Face			
		Offset	0			

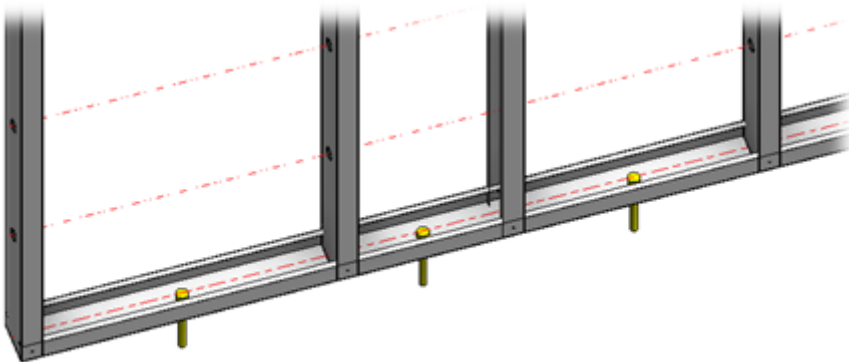
**Rotate 90°, 180°** – if ON, then rotates detail by 90 or 180 degrees. Rotation depends on how the family is created.

### Offset from Stud Side

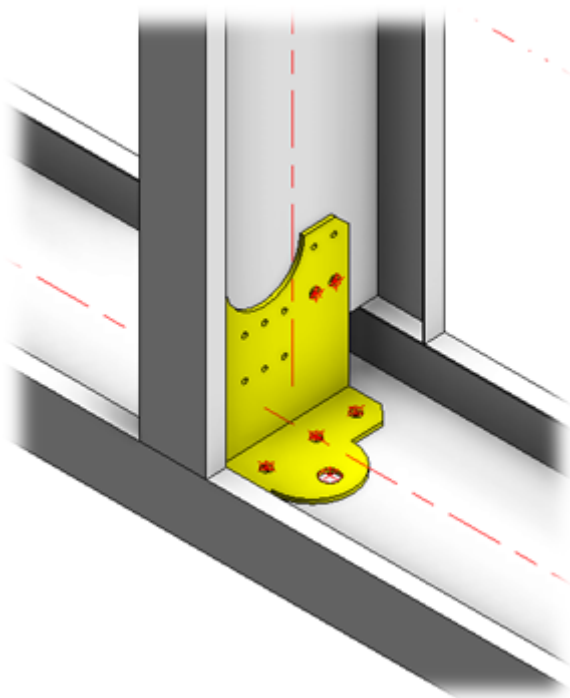


**Offset from Stud Side** – detail insertion placement: **Left, Right, Left and Right, Solid Face, Open Face** or **Center between Two**.

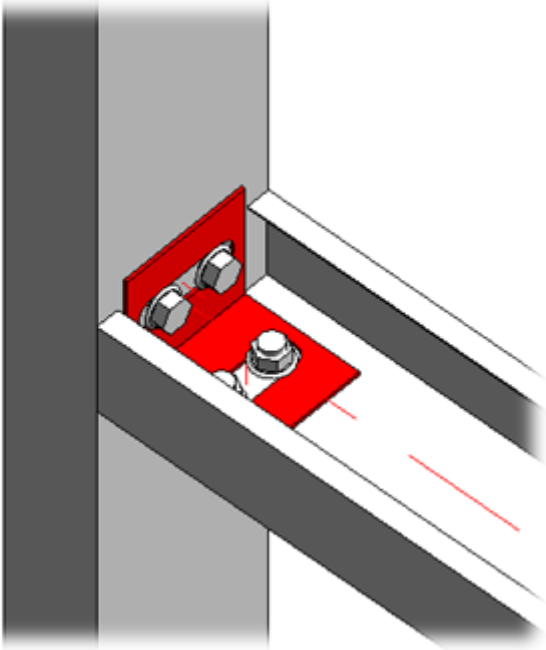
*Example: when anchors are inserted in the center between two studs:*



*Example: detail on Studs' Open Face:*



*Example: detail on Studs' Solid Face:*



## Offset

	Details	Details II	Details III	Details IV
	Details on Bridging/Blocking/Plate			
	Bridging/Blocking/Plate Holes			
	Details on Stud			
	Additional Details			
Type	M_SC_Clamp Plate and Angle Connector : 100			
Width (b)	6.5			
Depth (h,d)	102			
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 Stud Side	Open Face			
Offset	0			

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

## Measure from Location Line/Web Faces

Details		Details II	Details III	Details IV
Type		M_SC_Clamp Plate and Angle Connector : 100		
Width (b)		6.5		
Depth (h,d)		102		
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 Stud Side		Open Face		
Offset		0		
Measure from Location Line		<input type="checkbox"/>		
Measure from Stud Web Faces		<input type="checkbox"/>		
Location on Top Plates		None		

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

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

## Location

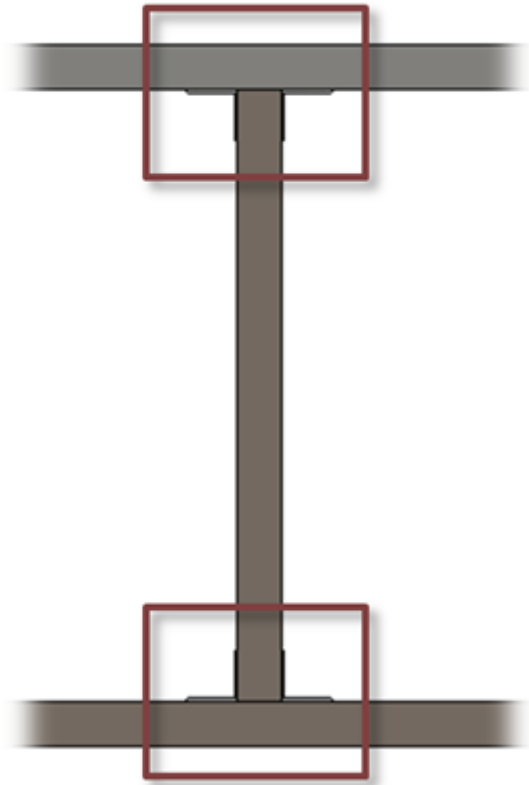
Details		Details II	Details III	Details IV
Location on Top Plates		None		
Location on Top Cover Plates		None		
Location on Bottom Plates		None		
Location on Bottom Pad Plates		None		
Include Sloped Top/Bottom Plates		<input type="checkbox"/>		
Only on Sloped Top/Bottom Plates		<input type="checkbox"/>		
Location on Bridging/Nogging		Open Face		
Location on Additional Bridging/Nogging		Open Face		
Location on Header		Open Face		
Location on Top Support Header		None		
Location on Sill		Open Face		
Include Openings		<input checked="" type="checkbox"/>		
Min. Distance between Studs		100		
Add Details if Element is Crossing Stud		<input type="checkbox"/>		

**Location** settings – predefine detail position on top/bottom planes/cover plates, bridgings/noggings, headers, top support headers, sills, etc.

Possible options:

Bottom Face

- Bottom Face
- Solid Face
- External Flange
- Internal Flange
- None
- Open Face
- Top Face



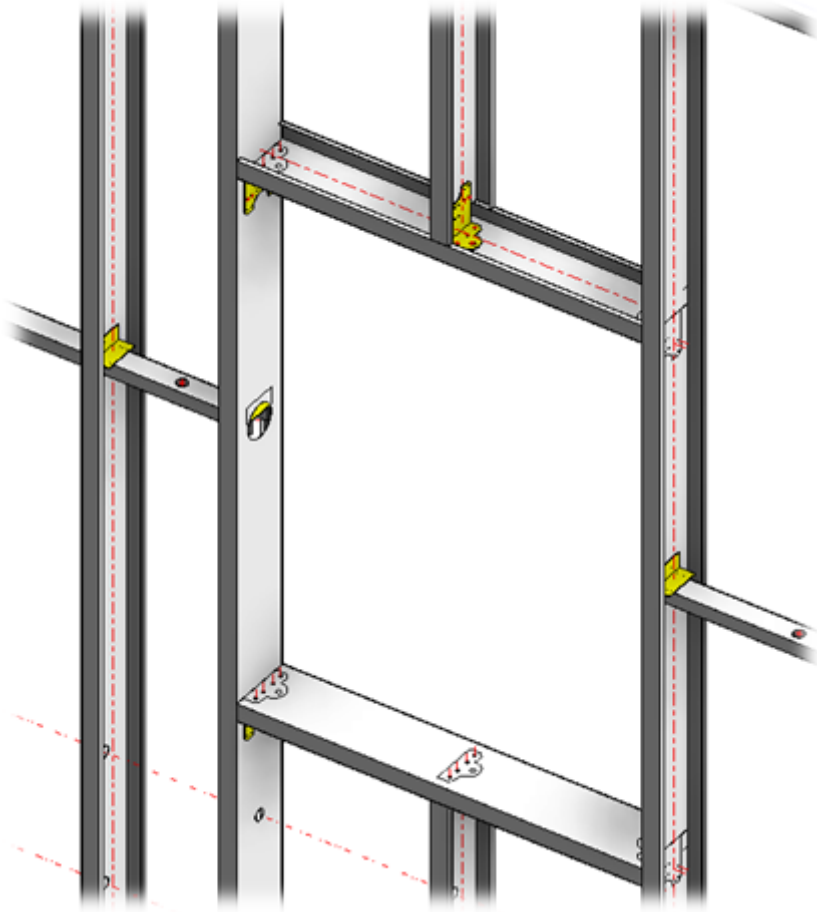
### Include Openings

Details Details II Details III Details IV

Details on Bridging/Blocking/Plate	Location on Top Plates	None
Bridging/Blocking/Plate Holes	Location on Top Cover Plates	None
Details on Stud	Location on Bottom Plates	None
Additional Details	Location on Bottom Pad Plates	None
	Include Sloped Top/Bottom Plates	<input type="checkbox"/>
	Only on Sloped Top/Bottom Plates	<input type="checkbox"/>
	Location on Bridging/Nogging	Open Face
	Location on Additional Bridging/Nogging	Open Face
	Location on Header	Open Face
	Location on Top Support Header	None
	Location on Sill	Open Face
	<b>Include Openings</b>	<input checked="" type="checkbox"/>
	Min. Distance between Studs	100
	Add Details if Element is Crossing Stud	<input type="checkbox"/>

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



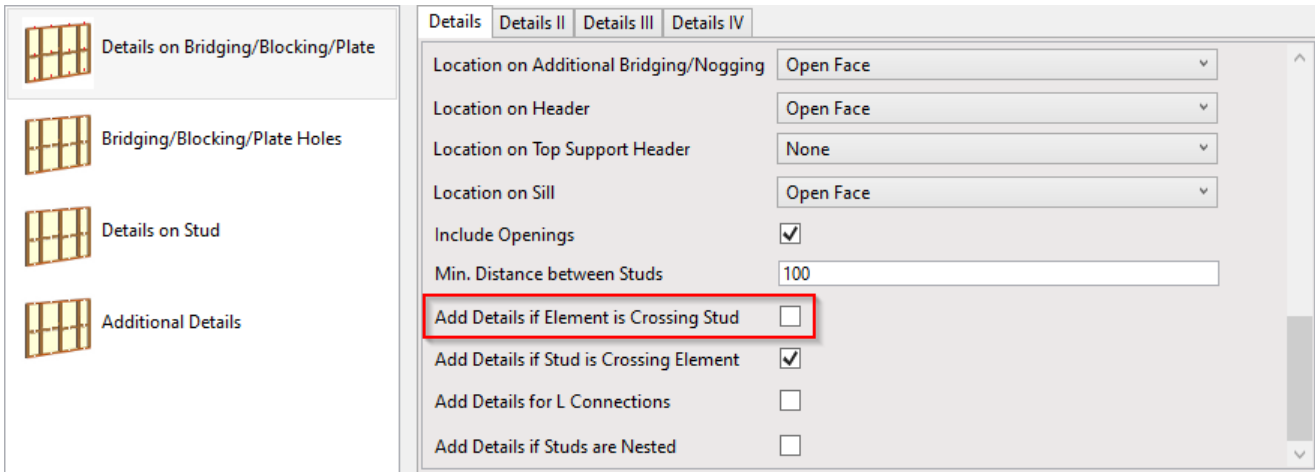


## Min Distance between Studs

	Details	Details II	Details III	Details IV
	Details on Bridging/Blocking/Plate			
	Bridging/Blocking/Plate Holes			
	Details on Stud			
	Additional Details			
	Location on Additional Bridging/Nogging	Open Face		
	Location on Header	Open Face		
	Location on Top Support Header	None		
	Location on Sill	Open Face		
	Include Openings	<input checked="" type="checkbox"/>		
	Min. Distance between Studs	100		
	Add Details if Element is Crossing Stud	<input type="checkbox"/>		
	Add Details if Stud is Crossing Element	<input checked="" type="checkbox"/>		
	Add Details for L Connections	<input type="checkbox"/>		
	Add Details if Studs are Nested	<input type="checkbox"/>		

**Min. Distance between Studs** – define the minimum distance between studs where details will be inserted.

## Add Details if Element is Crossing Stud



Details on Bridging/Blocking/Plate

Bridging/Blocking/Plate Holes

Details on Stud

Additional Details

Details | Details II | Details III | Details IV

Location on Additional Bridging/Nogging: Open Face

Location on Header: Open Face

Location on Top Support Header: None

Location on Sill: Open Face

Include Openings:

Min. Distance between Studs: 100

**Add Details if Element is Crossing Stud:**

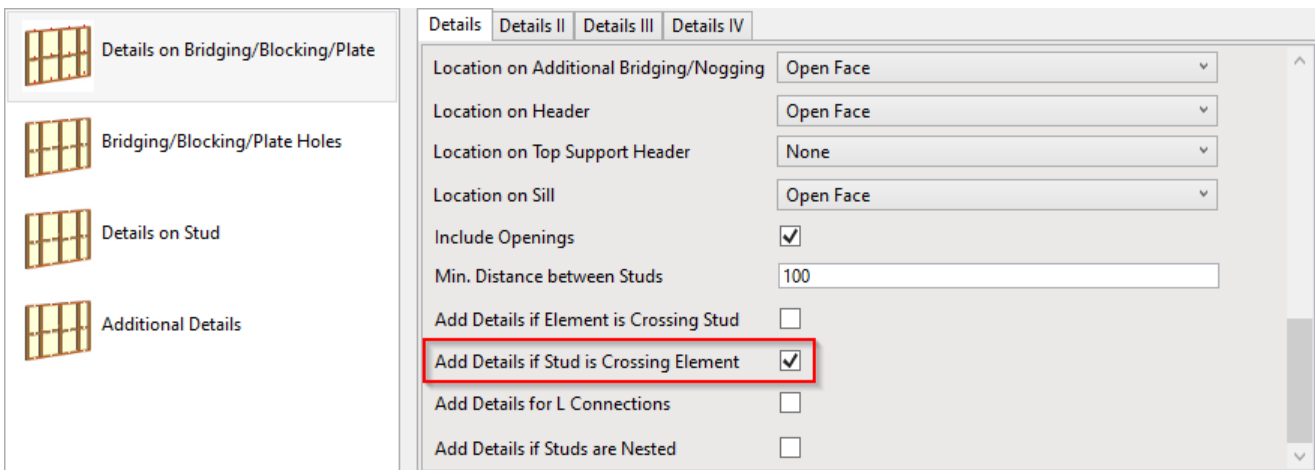
Add Details if Stud is Crossing Element:

Add Details for L Connections:

Add Details if Studs are Nested:

**Add Details if Element is Crossing Stud** – adds details in places where plate/bridging/nogging is crossing stud.

### Add Details if Stud is Crossing Element



Details on Bridging/Blocking/Plate

Bridging/Blocking/Plate Holes

Details on Stud

Additional Details

Details | Details II | Details III | Details IV

Location on Additional Bridging/Nogging: Open Face

Location on Header: Open Face

Location on Top Support Header: None

Location on Sill: Open Face

Include Openings:

Min. Distance between Studs: 100

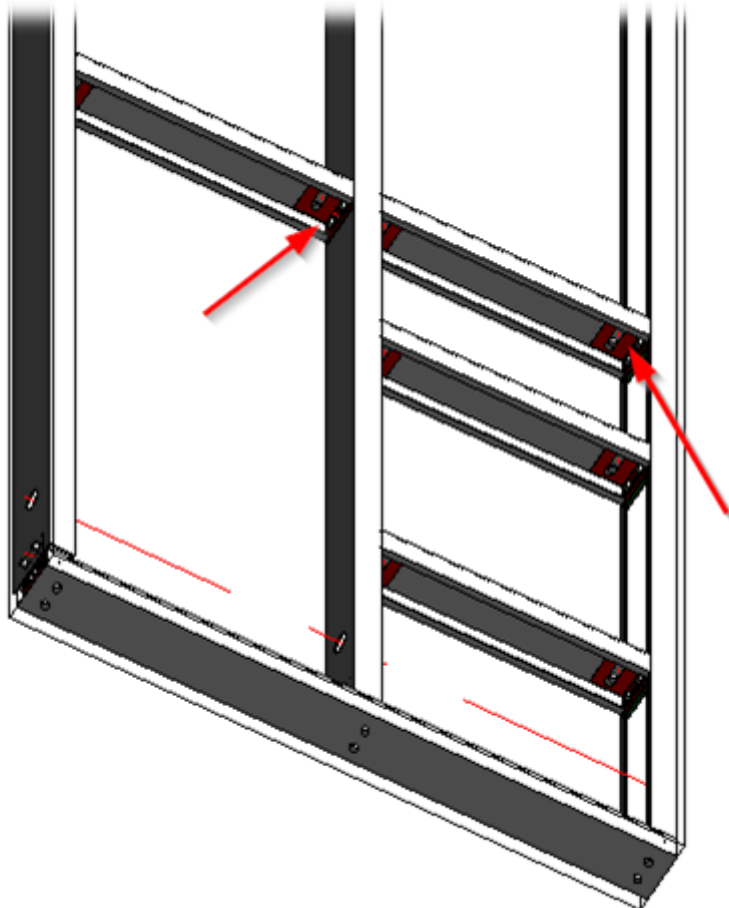
Add Details if Element is Crossing Stud:

**Add Details if Stud is Crossing Element:**





Add Details for L Connections:

Add Details if Studs are Nested:

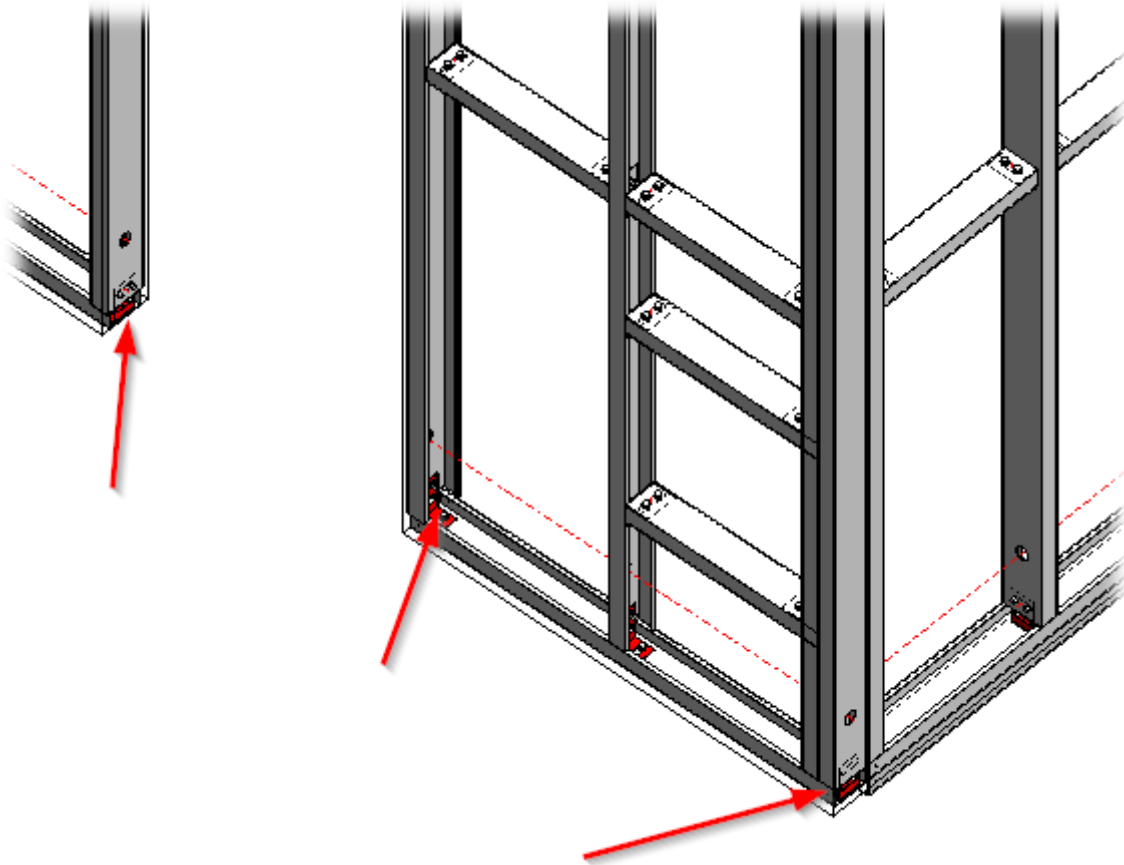
**Add Details if Stud is Crossing Element** – adds details in places where stud is crossing plate/bridging/nogging.



### Add Details for L Connections

 Details on Bridging/Blocking/Plate	Details	Details II	Details III	Details IV
 Bridging/Blocking/Plate Holes	Location on Additional Bridging/Nogging	Open Face		
 Details on Stud	Location on Header	Open Face		
 Additional Details	Location on Top Support Header	None		
	Location on Sill	Open Face		
	Include Openings	<input checked="" type="checkbox"/>		
	Min. Distance between Studs	100		
	Add Details if Element is Crossing Stud	<input type="checkbox"/>		
	Add Details if Stud is Crossing Element	<input checked="" type="checkbox"/>		
	<b>Add Details for L Connections</b>	<input type="checkbox"/>		
	Add Details if Studs are Nested	<input type="checkbox"/>		

**Add Details for L Connections** – adds details near L wall connections.



### Additional Details

- Details on Bridging/Blocking/Plate
- Bridging/Blocking/Plate Holes
- Details on Stud
- Additional Details**

Additional Details
Additional Details II
Additional Details III
Additional Details IV
Additional Details V
Additional Details VI

**- Stud**

Element	Insert Details
End Connection Stud	<input type="checkbox"/>
Vertical Stud	<input type="checkbox"/>
King Stud	<input type="checkbox"/>
Trimmer	<input type="checkbox"/>
Top Trimmer	<input type="checkbox"/>
Bottom Trimmer	<input type="checkbox"/>
Top Cripple	<input type="checkbox"/>
Bottom Cripple	<input type="checkbox"/>
Ridge Stud	<input type="checkbox"/>

**Plate**

Element	Insert Details
Top Plate	<input type="checkbox"/>
Bottom Plate	<input type="checkbox"/>
Top Cover Type	<input type="checkbox"/>
Bottom Pad Type	<input type="checkbox"/>
B/N/B	<input type="checkbox"/>
Top Plate Support	<input type="checkbox"/>
Header	<input type="checkbox"/>
Sill Plate	<input type="checkbox"/>

Type: M\_SC\_2xBolt Hole : 2xD12\_102

Width (b): 1.2

Depth (h,d): 102

Define Depth (h,d) by Layer Thickness

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

