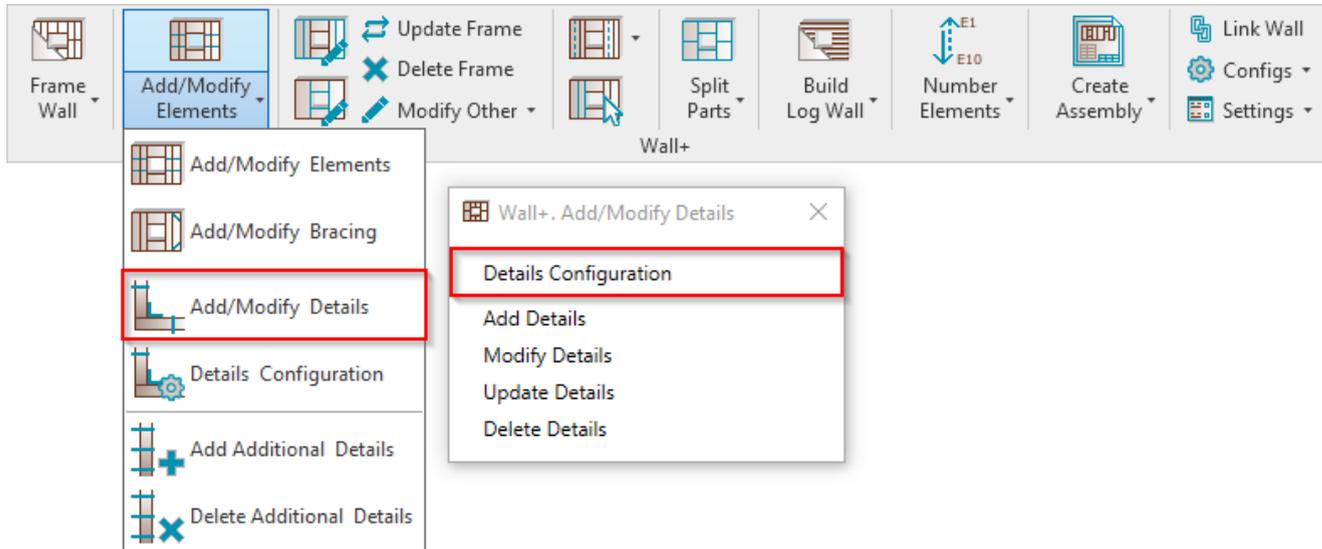


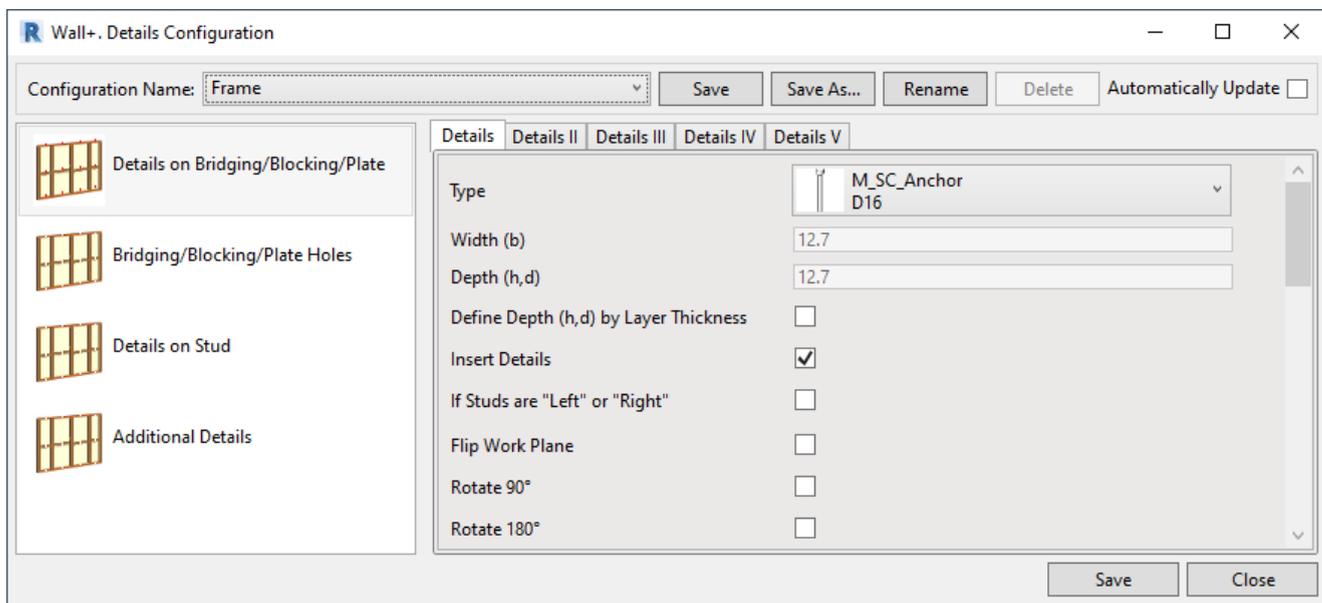
# ADD/MODIFY DETAILS – Details Configuration

Modified on: Sun, 15 Nov, 2020 at 8:23 PM

## Details Configuration



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



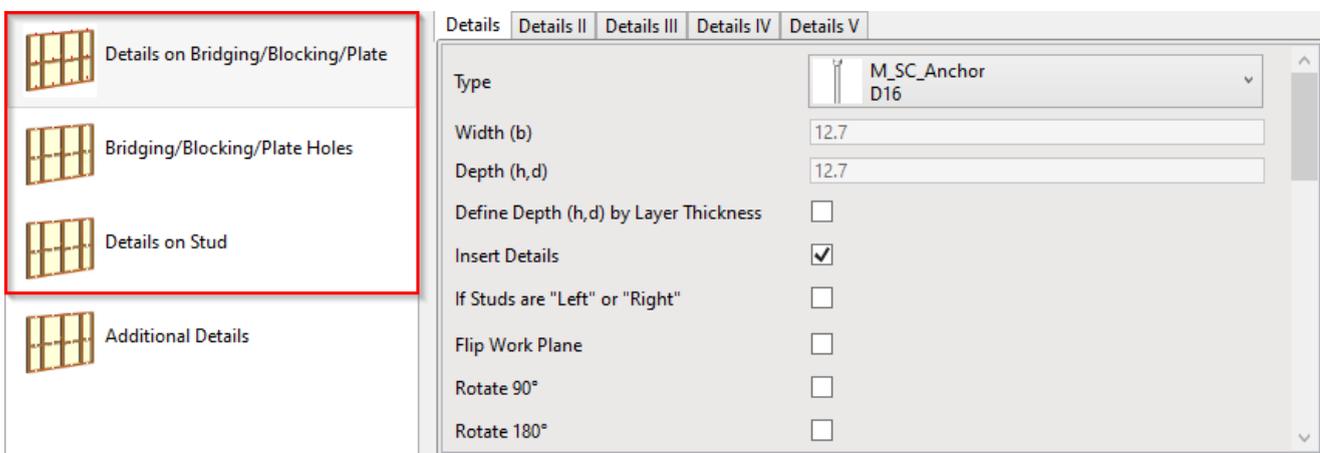
**Configuration Name** – configuration with all framing settings. You can use sample configurations or create new ones. Also you can rename or delete existing configurations.

By default, **Wall+** detail configurations are saved in *C:\Users\user name\AppData\Roaming\Tools 4 Revit\Wall+2020 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+** → **Settings** → **Configuration Files' Location**.

‣ This PC ‣ OS (C:) ‣ Users ‣ renata.jociene ‣ AppData ‣ Roaming ‣ Tools 4 Revit ‣ Wall+2020 Configurations ‣

Name	Date modified	Type	Size
CustomFramingJoins	2019-04-05 09:26	File folder	
Details Configurations	2019-05-07 11:55	File folder	
Framing Configurations	2019-04-05 09:26	File folder	
Mark Configurations	2019-04-05 10:08	File folder	
Part Configurations	2019-04-05 09:26	File folder	
Sheathing Configurations	2019-04-05 09:26	File folder	
Shop Drawing Configurations	2019-04-05 10:08	File folder	
Workshop Configurations	2019-05-02 20:56	File folder	

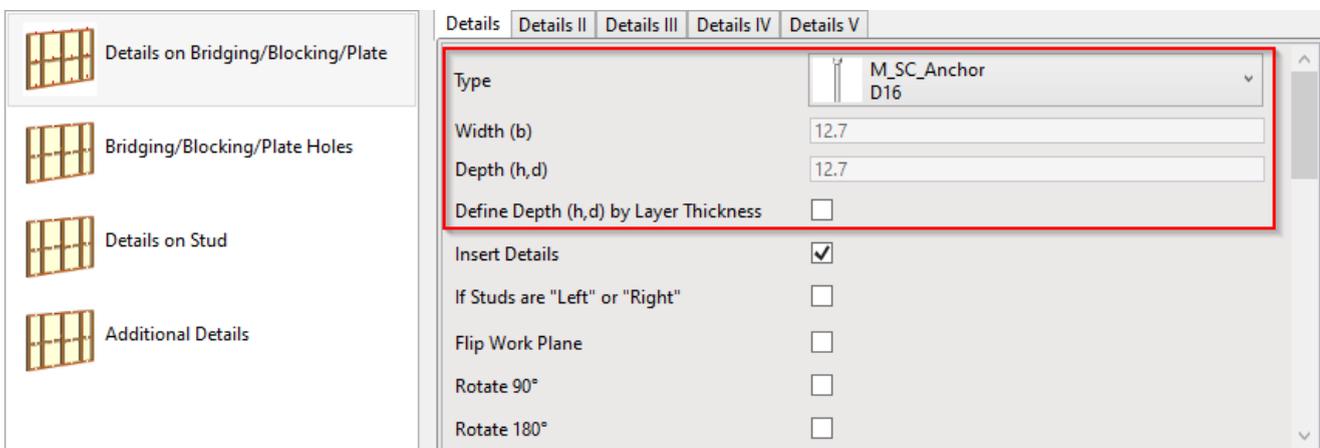
## Details on Bridging/Blocking/Plate, Details on Stud and Bridging/Blocking/Plate Holes



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

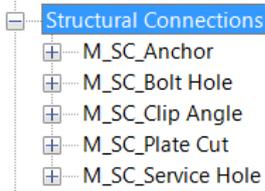
You can very easily predefine different insertion rules for 4 detail families using the 4 tabs across the top of the dialog.

## 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+**:

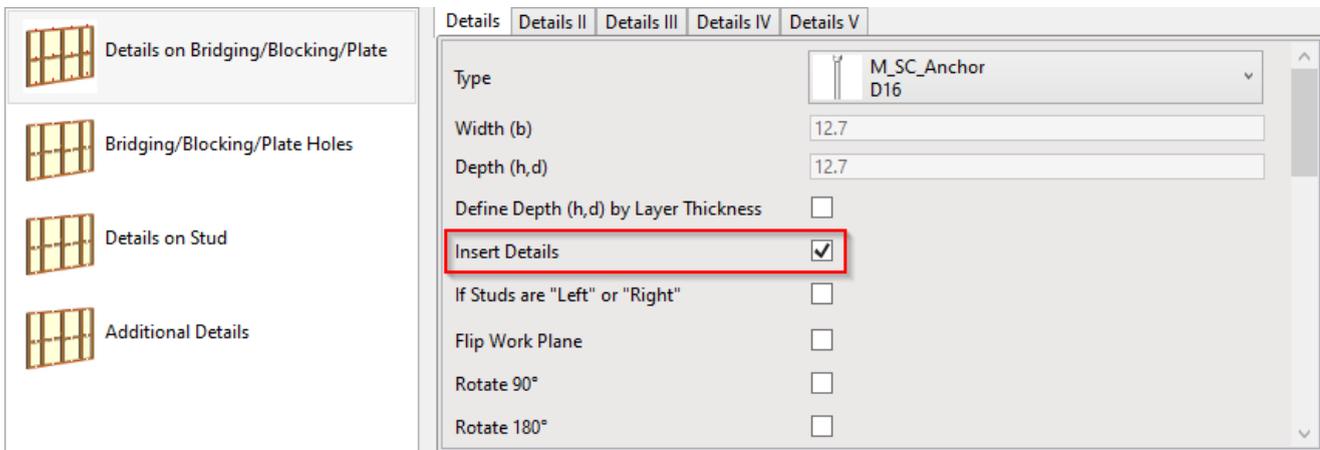


**Width (b)** – shows the width, b parameter value from selected family type.

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

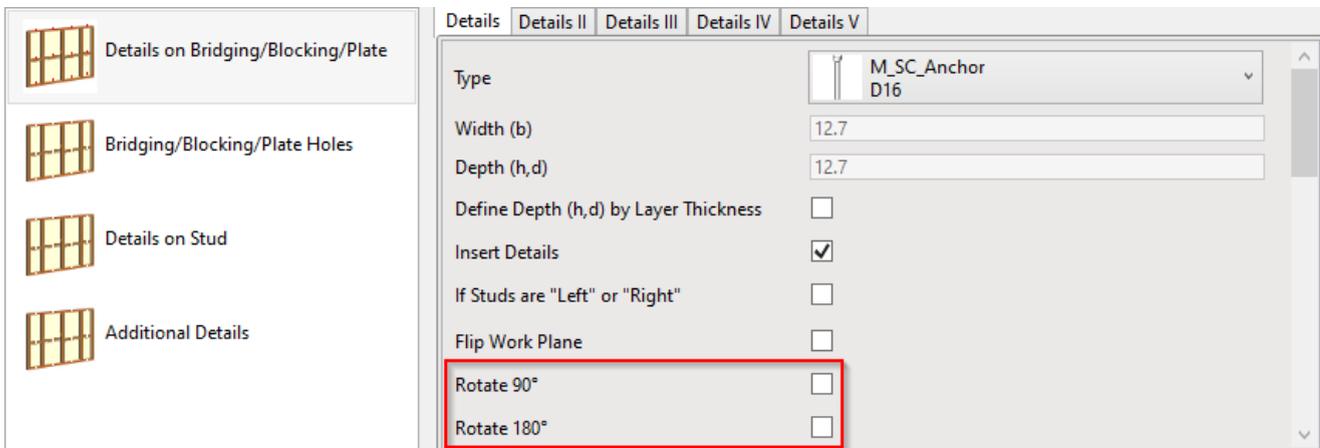
**Define Depth (h, d) by Layer Thickness** – the software will create new type for selected family and change depth value to the wall layer thickness. So the details or holes will fit the layer in the wall.

## Insert Details



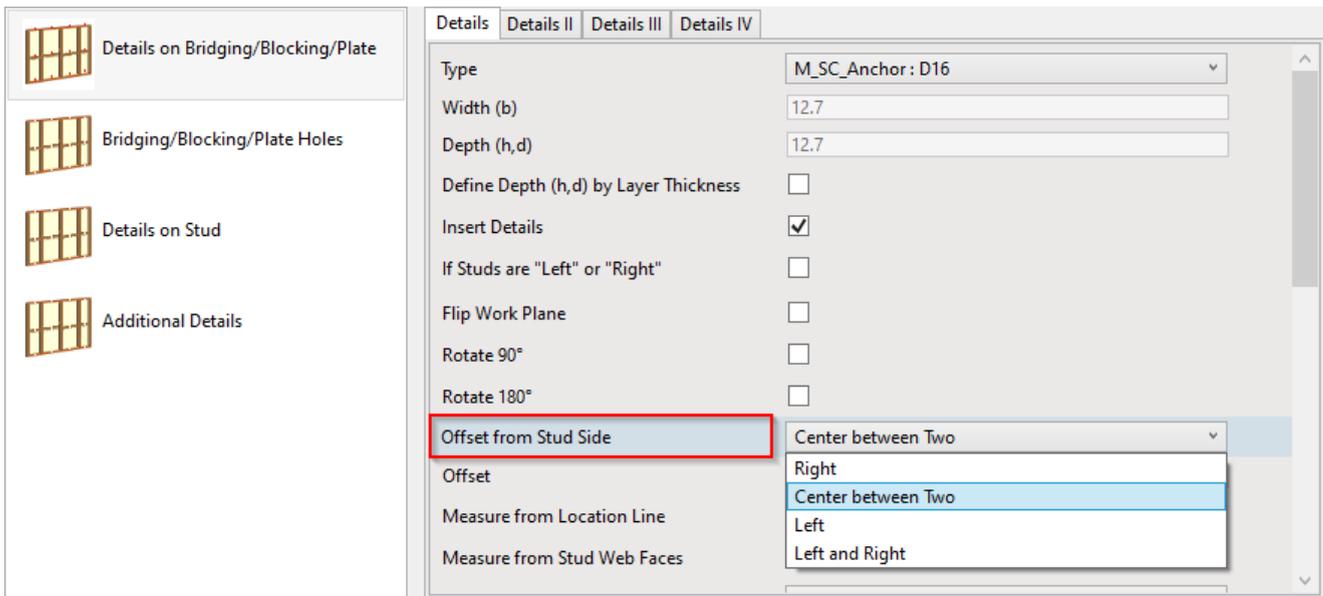
**Insert Details** – the details or holes with rules that are listed below will be (not) applied in the frame. You can predefine the rules for the details, but it will not necessarily have to be added during the current insertion process.

## Rotate 90°, 180°

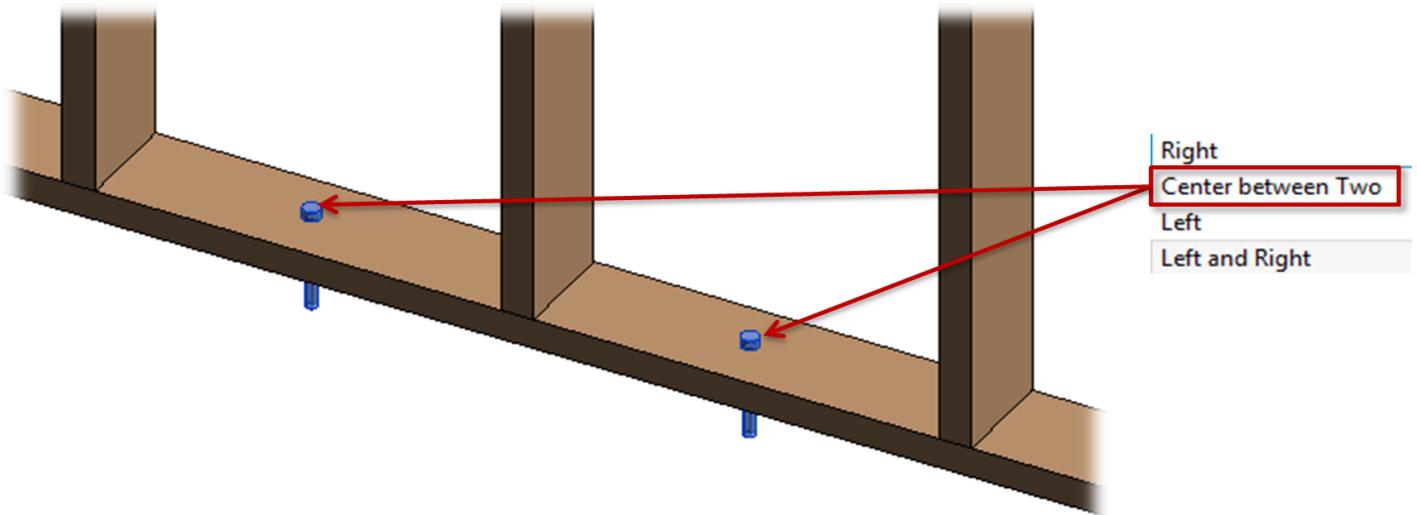


**Rotate 90°, 180°** – if ON, then rotates detail by 90 or 180 degrees. Rotation depends on how the family is created.

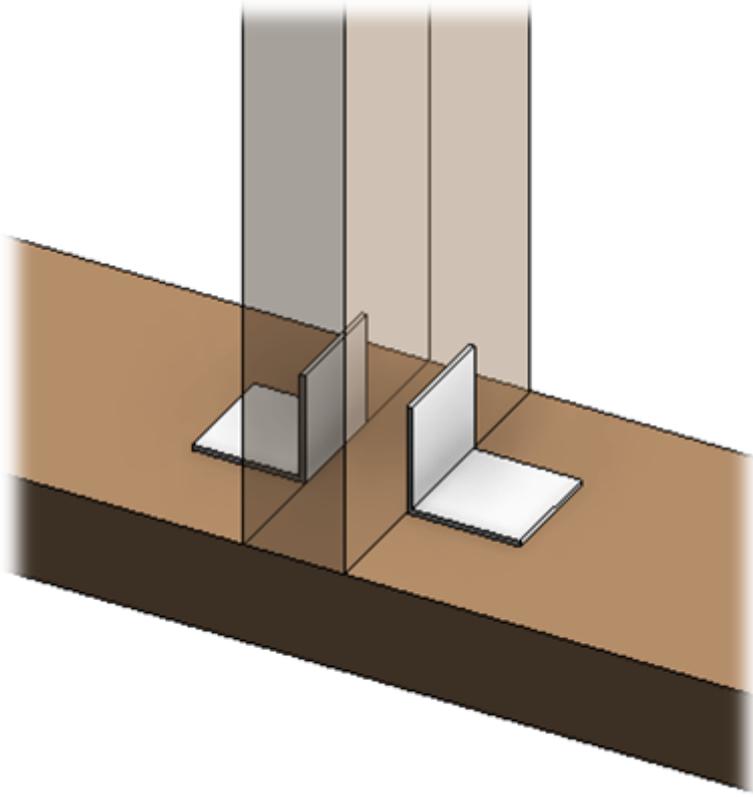
### Offset from Stud Side



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



*Example: when clip angle is inserted on Left and Right sides:*

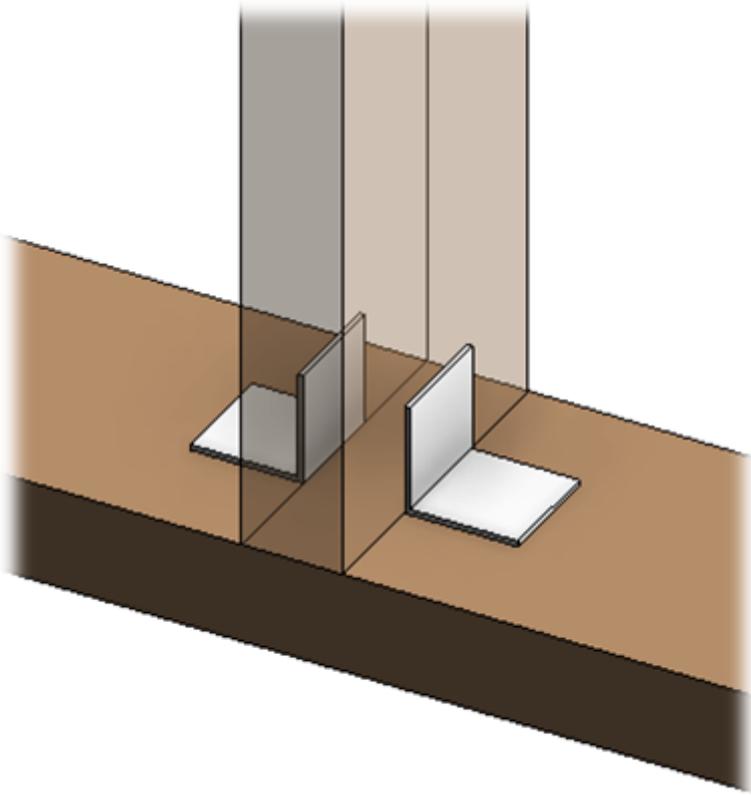


## Offset

Details		Details II	Details III	Details IV
	Details on Bridging/Blocking/Plate			
	Bridging/Blocking/Plate Holes			
	Details on Stud			
	Additional Details			
Type	M_SC_Anchor : D16			
Width (b)	12.7			
Depth (h,d)	12.7			
Define Depth (h,d) by Layer Thickness	<input 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	Left and Right			
Offset	0			
Measure from Location Line	<input type="checkbox"/>			
Measure from Stud Web Faces	<input type="checkbox"/>			

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

*Example: when clip angle is inserted on **Left and Right** sides with **Offset = 0**:*



### Measure from Location Line/Web Faces

The screenshot shows the 'Details' configuration panel in AGACAD. The panel has tabs for 'Details', 'Details II', 'Details III', and 'Details IV'. The 'Details' tab is active. The configuration includes the following fields and options:

- Type: M\_SC\_Anchor : D16
- Width (b): 12.7
- Depth (h,d): 12.7
- Define Depth (h,d) by Layer Thickness:
- Insert Details:
- If Studs are "Left" or "Right":
- Flip Work Plane:
- Rotate 90°:
- Rotate 180°:
- Offset from Stud Side: Left and Right
- Offset: 0
- Measure from Location Line:  (highlighted with a red box)
- Measure from Stud Web Faces:  (highlighted with a red box)

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

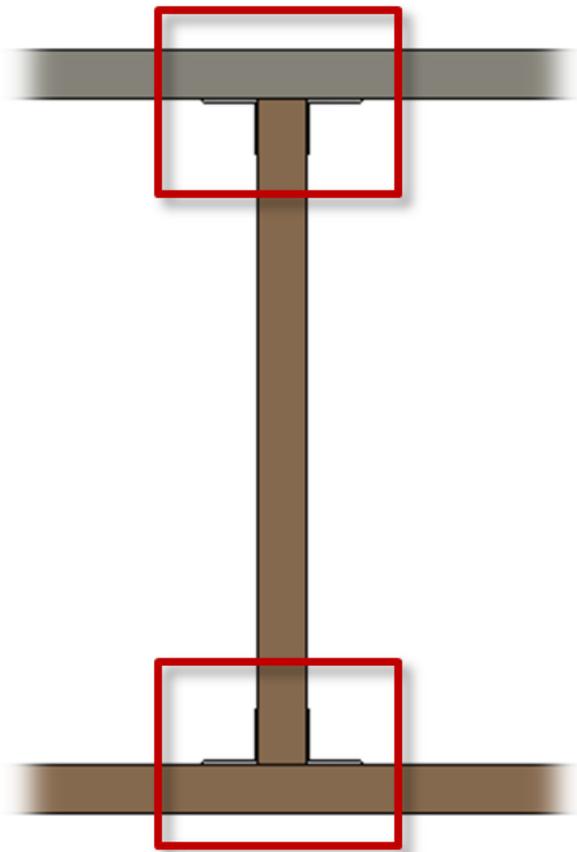
### Location

Option	Value
Measure from Stud Web Faces	<input checked="" type="checkbox"/>
Location on Top Plates	Bottom Face
Location on Top Cover Plates	None
Location on Bottom Plates	Top Face
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	None
Location on Additional Bridging/Nogging	None
Location on Header	Top Face
Location on Top Support Header	None
Location on Sill	Bottom Face
Include Openings	<input checked="" type="checkbox"/>

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

Possible options:

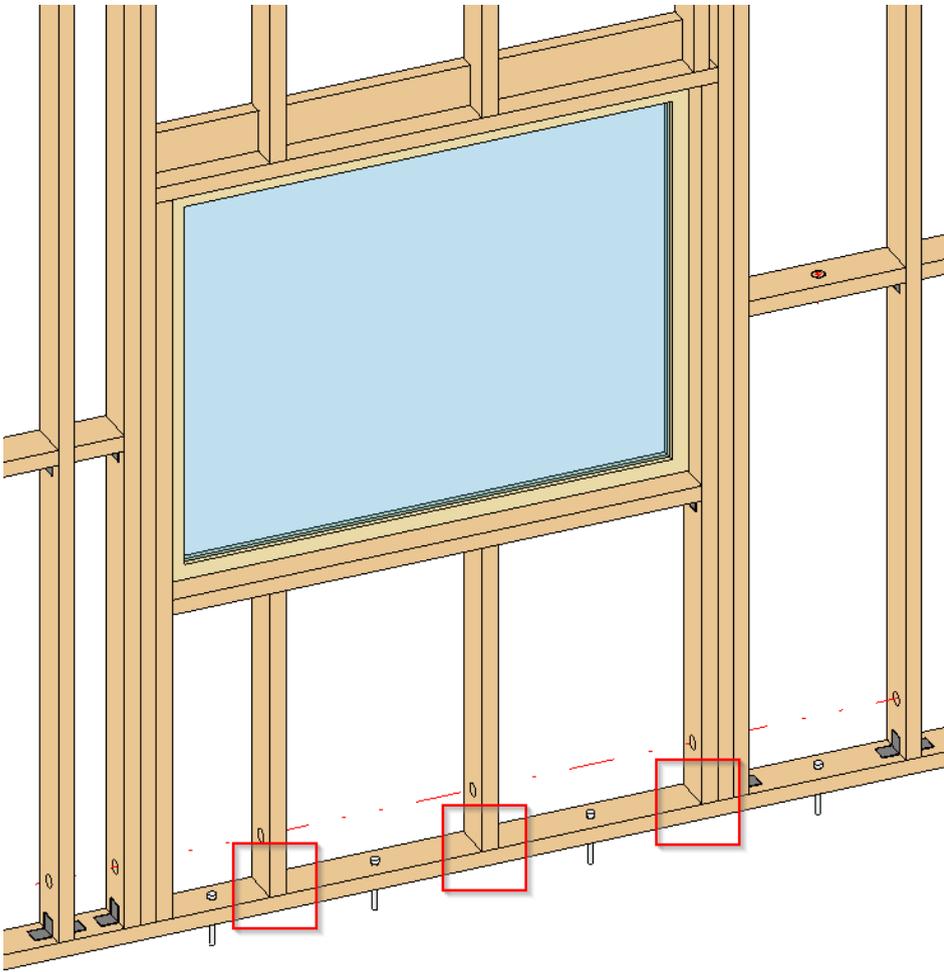
- Bottom Face
- Bottom Face Interior Edge
- Bottom Face Exterior Edge
- External Face
- Internal Face
- None
- Top Face
- Top Face Interior Edge
- Top Face Exterior Edge



### Include Openings

A screenshot of the AGACAD software interface. On the left, there is a sidebar with four icons and labels: 'Details on Bridging/Blocking/Plate', 'Bridging/Blocking/Plate Holes', 'Details on Stud', and 'Additional Details'. The main area shows a configuration panel with tabs for 'Details', 'Details II', 'Details III', and 'Details IV'. The 'Details' tab is active. The panel contains several settings, including 'Measure from Stud Web Faces' (checked), 'Location on Top Plates' (Bottom Face), 'Location on Top Cover Plates' (None), 'Location on Bottom Plates' (Top Face), 'Location on Bottom Pad Plates' (None), 'Include Sloped Top/Bottom Plates' (unchecked), 'Only on Sloped Top/Bottom Plates' (unchecked), 'Location on Bridging/Nogging' (None), 'Location on Additional Bridging/Nogging' (None), 'Location on Header' (Top Face), 'Location on Top Support Header' (None), 'Location on Sill' (Bottom Face), and 'Include Openings' (checked). The 'Include Openings' checkbox and its label are highlighted with a red box.

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



## Min Distance between Studs

 Details on Bridging/Blocking/Plate

 Bridging/Blocking/Plate Holes

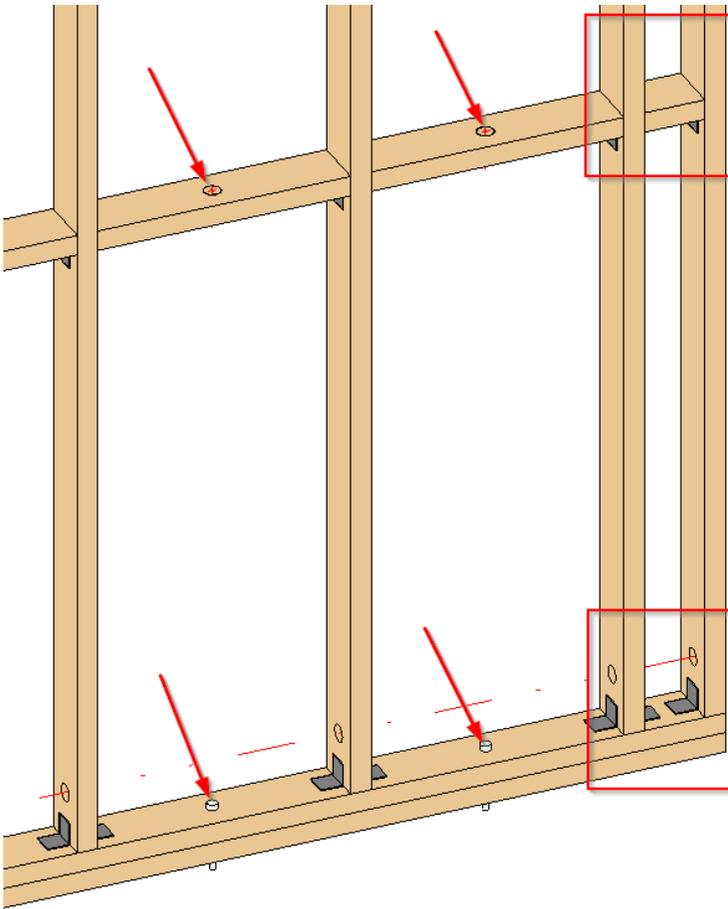
 Details on Stud

 Additional Details

Holes		
Holes II	Holes III	Holes IV
Location on Header	None	
Location on Top Support Header	None	
Location on Sill	None	
Include Openings	<input type="checkbox"/>	
Min. Distance between Studs	300	
Add Details if Element is Crossing Stud	<input checked="" type="checkbox"/>	
Add Details if Stud 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 Studs** – define the minimum distance between studs where details will be inserted.

*Example: In the case below, a detail was not placed between studs that were very close to each other.*

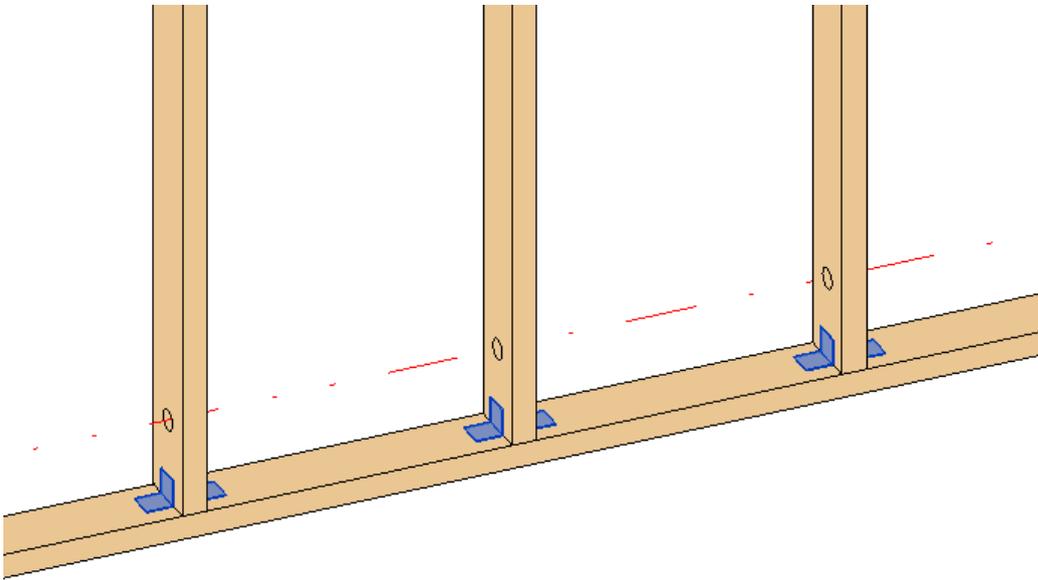


### Add Details if Element is Crossing Stud

The screenshot shows the 'Details Configuration' dialog box with the following settings:

Option	Value
Location on Header	None
Location on Top Support Header	None
Location on Sill	None
Include Openings	<input checked="" type="checkbox"/>
Min. Distance between Studs	300
<b>Add Details if Element is Crossing Stud</b>	<input checked="" type="checkbox"/>
Add Details if Stud is Crossing Element	<input type="checkbox"/>
Add Details for L Connections	<input checked="" type="checkbox"/>
Add Details if Studs are Nested	<input type="checkbox"/>

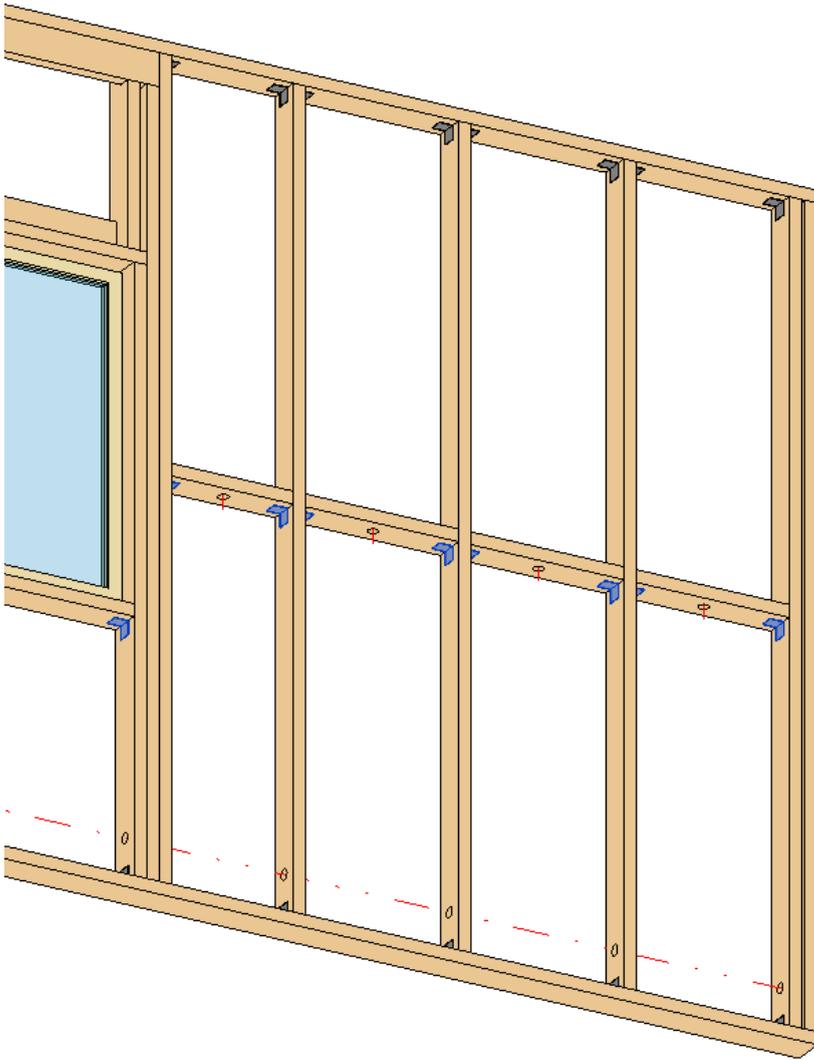
**Add Details if Element is Crossing Stud** – adds details in places where plate/bridging/nogging is crossing stud.



## Add Details if Stud is Crossing Element

 Details on Bridging/Blocking/Plate	Details	Details II	Details III	Details IV
 Bridging/Blocking/Plate Holes	Location on Header	Bottom Face		
 Details on Stud	Location on Top Support Header	None		
 Additional Details	Location on Sill	Bottom Face		
	Include Openings	<input checked="" type="checkbox"/>		
	Min. Distance between Studs	150		
	Add Details if Element is Crossing Stud	<input type="checkbox"/>		
	<b>Add Details if Stud is Crossing Element</b>	<input checked="" type="checkbox"/>		
	Add Details for L Connections	<input type="checkbox"/>		
	Add Details if Studs are Nested	<input type="checkbox"/>		

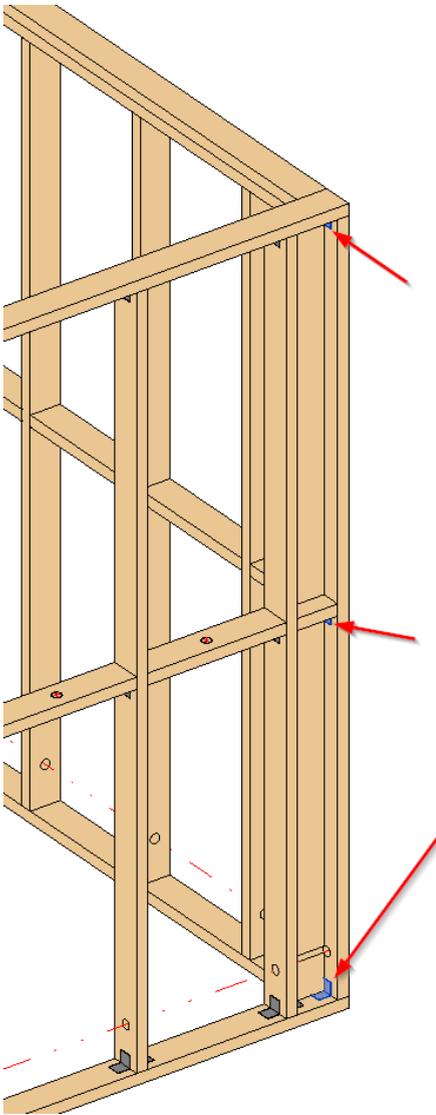
**Add Details if Stud is Crossing Element** – adds details in places where stud is crossing plate/bridging/nogging.



## Add Details for L Connections

	Details	Details II	Details III	Details IV
	Details on Bridging/Blocking/Plate			
	Bridging/Blocking/Plate Holes			
	Details on Stud			
	Additional Details			
	Location on Header	Bottom Face		
	Location on Top Support Header	None		
	Location on Sill	Bottom Face		
	Include Openings	<input checked="" type="checkbox"/>		
	Min. Distance between Studs	150		
	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 checked="" type="checkbox"/>		
	Add Details if Studs are Nested	<input type="checkbox"/>		

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



### Additional Details

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

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

Element	Insert Details
End Connection Stud	<input checked="" 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"/>

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\_Anchor : D16  
Width (b): 12.7  
Depth (h,d): 12.7  
Define Depth (h,d) by Layer Thickness:   
Distance/Spacing: 400  
Total Amount: 5  
Origin Point: Start Point  
Offset: 200  
Location on Stud: Right Face  
Location on Plate: Top Face  
Rotate: 0

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

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

