## **Detail Priorities Window**

Modified on: Mon, 22 Jun, 2020 at 10:18 AM

Smart Connections Configuration					
smart connections configuration					
Model: Structural V Category: Walls	Group: Walls	Configuration: : LTEND_Mass	sive walls v Save Duplicate Renam	ne Delete Create New	Reset
Hide Line Based Details Hide Unused Tree	Nodes				For Whole Run:
Detail Priorit	ty 1 Detail Priority 2 Detail Priority 3 Deta	il Priority 4 Detail Priority 5 Detai	I Priority 6   Detail Priority 7   Detail Priority 8   Detail Prio	rity 9 Detail Priority 10	
Side Faces Detail			Adjust Layout by Searching for other Elements		Preview
Select Cat	tegory	All Categories V	Searching Rule Class	Wall Joins Y	Detail
Family	y and Type Browser	Cut_wall end_massive : 65x20 V	Search in Project	Current Project	
End Faces Width (b)		Height (n,d)	Searching Category	Walls V	
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Top/Bottom	netry	Join Geometry	Searching Rule Name	L Connection v	
The states		, _	Wall Join Type Filter	Disjointed v	
Line Based			Cut Type	None *	
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Faces	5		Array Axis		
Line Based on	Host Filter		Side Offset	0	
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Start Offse	et 0	End Offset 0	End Offset	0	
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Side Face Rotate(*)	0		Layout Rule	Fixed Number & Fixed Spacir 🕑	
Min Lengt	th 0	Max Length 60960	End Fixed Number	1	
Point Based on	rection	Center v	Fixed Spacing	304.8	
End Faces Layout Ru	ule ,	Fixed Number & Fixed Spacir V			
Fixed Num	ring	204.9	3		
Point Based on		304.0			
Top/Bottom Faces	c Rule Preview				
Configuration					
Group					
4					
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		All and a second			

1. Select Family which should be inserted.

2. Special options available only for Point-based elements. You can insert elements based on certain conditions, for example, only at beam intersections, only if another element is nearby, only if it's a corner/end/T connection of walls, etc.

3. Layout direction of elements on face.

## Detail

Detail Priority 1	Detail Priority 2	Detail Priority 3	Detail Priority 4	Detail Priority 5	Deta
- Detail					
Select Catego	ry		All Catego	ries	~
Family and	l Type Browser		Cut_wall e	nd_massive : 65x20	) ~
Width (b,bf)	0		Height (h,	d) 0	
Insert Details	$\checkmark$		Left & Rig	ht	¥
Flip by X Axis			Flip by Y A	xis 🗌	
Flip if Host is I	Flipped 🗌		Flip Work	Plane	
Cut Geometry			Join Geom	etry 🗌	

**Select Category** - select category of Families you want to insert. Possible Categories - Smart Connections, Structural Framing, Generic Model. Only selected Category elements will be available in the drop-down window below.

**Family and Type Browser** - opens window for easy visual selection of elements you want to insert. It will filter out all Point-based or Line-based families, depending on which tab you are in.



## Or you can select an element from the drop-down menu.

Select Category		All Categories	~	
	Family and Type	Browser	Cut_wall end_massive : 65x20	~
	Width (b,bf)	0	Height (h,d) 0	
	Insert Details	$\checkmark$	Left & Right	~
l				

Insert Details - tick ON if you want to insert element based on rules in this Detail Priority window.

Elements can be inserted on one side or both sides; select option from drop-down menu

Width (b,bf)	0	Height (h,d) 0
Insert Details	$\checkmark$	Left & Right 🗸 🗸 🗸
Flip by X Axis		Flip by Y Axis
Flip if Host is Flippe	H 🗌	Flip Work Plane

Flip by X Axis, Flip by Y axis - allows you to flip family during insertion. To make it work, you have to have control arrows inside the element's Family.



## Flip by Workplane - flips workplane

**Flip if Host is Flipped** - flips your detail according to the flip direction of your Host element. For example, the profile on the right has been flipped, so if you insert details with **Flip if Host is Flipped** *unchecked*, then you'll get this result:



But if you want to correct it, tick ON Flip if Host is Flipped and get this result:



**Cut Geometry** - allows you to cut Host element if you have a void inside of your detail Family. **Join Geometry** - allows you to join Host element with detail Family.