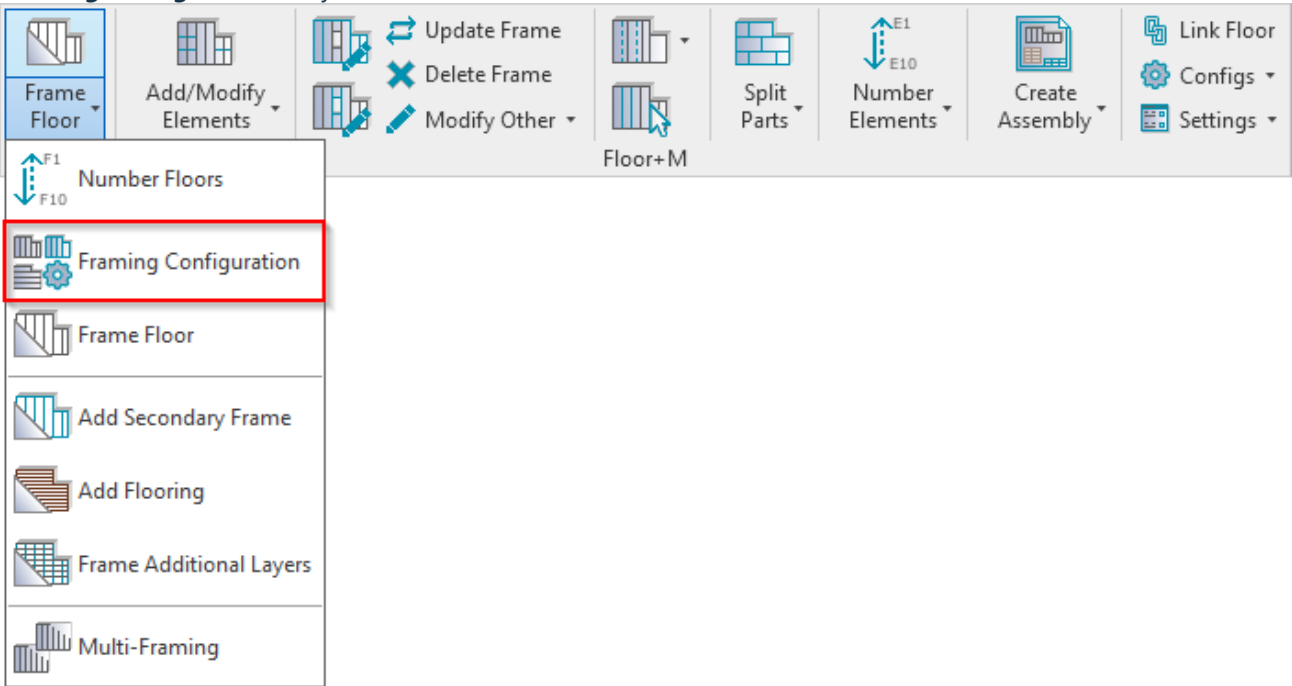


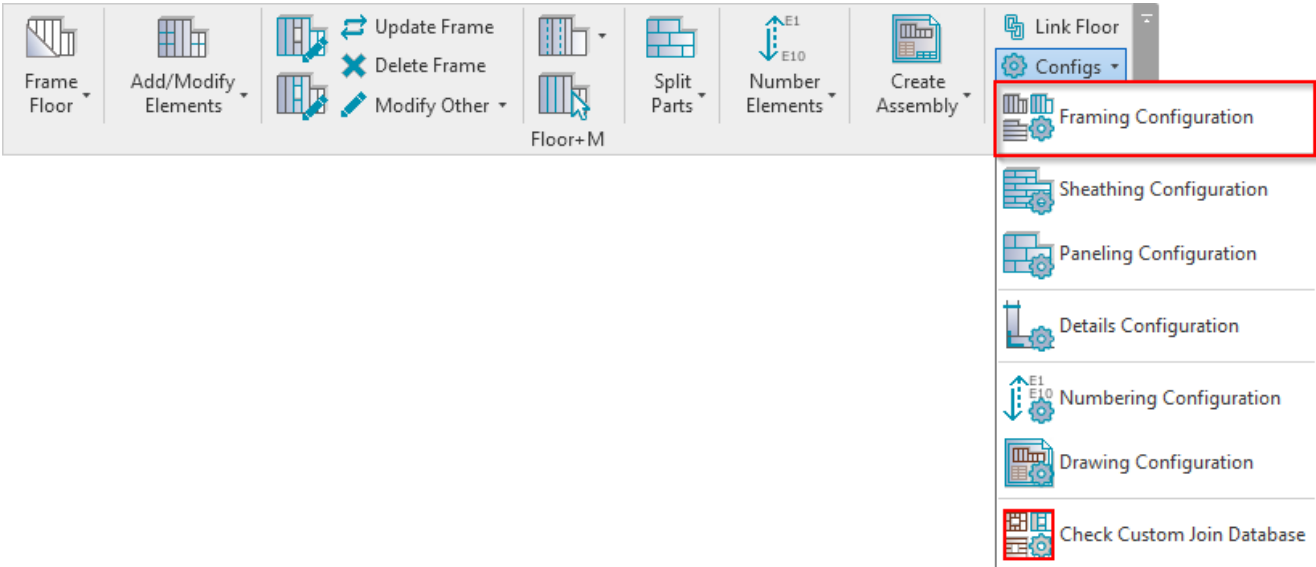
# FRAMING CONFIGURATION – End Connection

Modified on: Thu, 7 Jan, 2021 at 7:37 PM

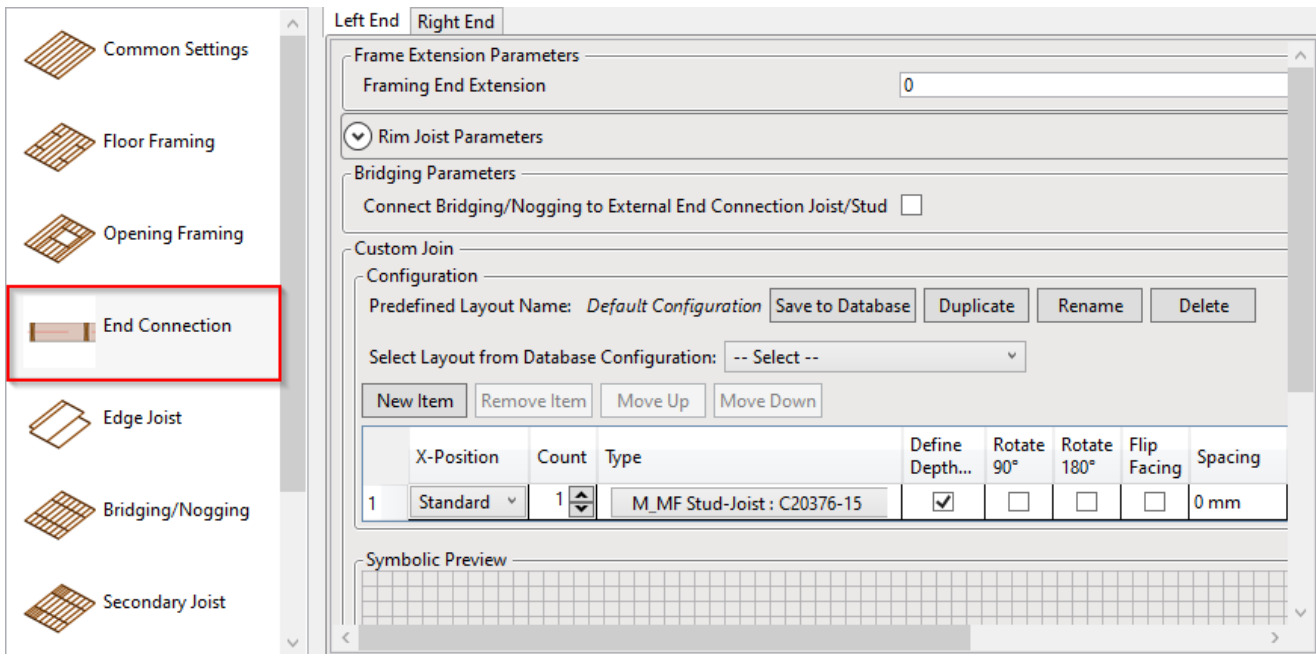
**Framing Configuration** may be found in two locations:



OR:

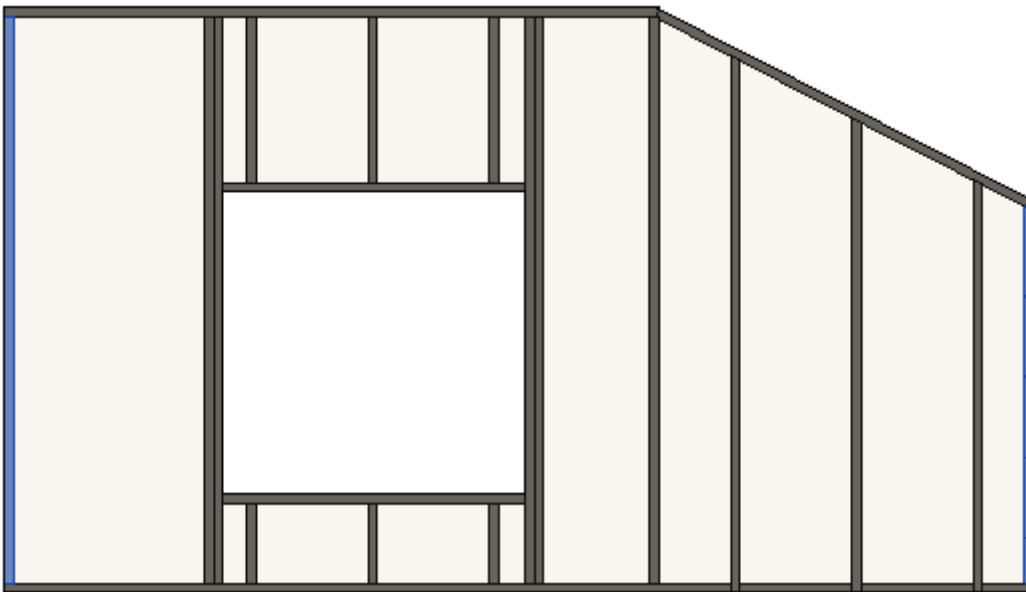


## End Connection



**Floor+M** supports various types of end connections. End connection joists are parallel to floor direction line.

**Left End, Right End** tabs – define ends of floor's left and right sides.



## Framing End Extension

Left End Right End

Frame Extension Parameters

Framing End Extension

Rim Joist Parameters

Bridging Parameters

Connect Bridging/Nogging to External End Connection Joist/Stud

Custom Join

Configuration

Predefined Layout Name: *Default Configuration*

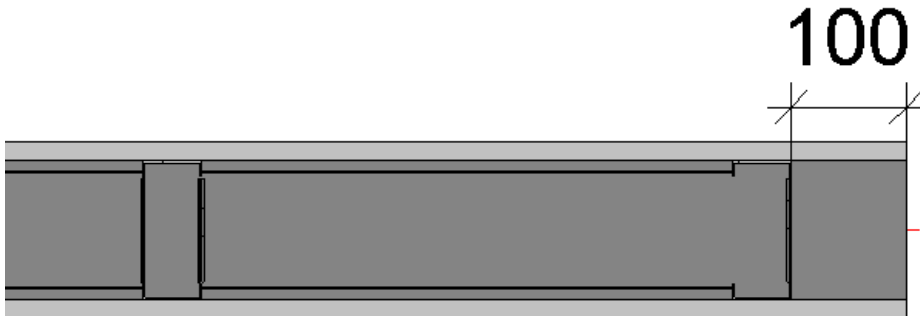
Select Layout from Database Configuration: -- Select --

	X-Position	Count	Type	Define Depth...	Rotate 90°	Rotate 180°	Flip Facing	Spacing
1	Standard	1	M_MF Stud-Joist : C20376-15	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0 mm

Symbolic Preview

**Framing End Extension** – offsets frame from the floor end.

*Example: Framing End Extension = -100:*



## Lengthen Rim Joists

Left End Right End

Frame Extension Parameters

Framing End Extension -100

Rim Joist Parameters

Rim Joist 2

Count	Type	Split or Shorten up to Joist	Up to Joist	Lengthen Rim Joists	Build in Place
1	M_MF Track : U20876-15	Split	None	50 mm	<input type="checkbox"/>

Rim Joist 1

Count	Type	Split or Shorten up to Joist	Up to Joist	Lengthen Rim Joists	Build in Place
1	M_MF Track : U20876-15	Split	None	70 mm	<input type="checkbox"/>

Bridging Parameters

Connect Bridging/Nogging to External End Connection Joist/Stud

Custom Join

Configuration

Predefined Layout Name: *Default Configuration* Save to Database Duplicate Rename Delete

**Lengthen Rim Joists** – offsets top and bottom rim joists from the floor end.



**Split or Shorten up to Joist**

Left End Right End

Frame Extension Parameters

Framing End Extension -100

Rim Joist Parameters

Rim Joist 2

Count	Type	Split or Shorten up to Joist	Up to Joist	Lengthen Rim Joists	Build in Place
1	M_MF Track : U20876-15	Split	None	50 mm	<input type="checkbox"/>

Rim Joist 1

Count	Type	Split or Shorten up to Joist	Up to Joist	Lengthen Rim Joists	Build in Place
1	M_MF Track : U20876-15	Split	None	70 mm	<input type="checkbox"/>

Bridging Parameters

Connect Bridging/Nogging to External End Connection Joist/Stud

Custom Join

Configuration

Predefined Layout Name: *Default Configuration*

**Split or Shorten up to Joist** – splits or makes the rim joists shorter.

**Split at Joist** – select number of the joist where the top/bottom rim joists should be split or shortened.

*E.g. Bottom rim joist is split near the third joist:*



**Build in Place**

Left End Right End

Frame Extension Parameters  
Framing End Extension -100

Rim Joist Parameters

Rim Joist 2

Count	Type	Split or Shorten up to Joist	Up to Joist	Lengthen Rim Joists	Build in Place
1	M_MF Track : U20876-15	Split	None	50 mm	<input type="checkbox"/>

Rim Joist 1

Count	Type	Split or Shorten up to Joist	Up to Joist	Lengthen Rim Joists	Build in Place
1	M_MF Track : U20876-15	Split	None	70 mm	<input type="checkbox"/>

Bridging Parameters  
Connect Bridging/Nogging to External End Connection Joist/Stud

Custom Join  
Configuration  
Predefined Layout Name: *Default Configuration* Save to Database Duplicate Rename Delete

**Build in Place** – writes Yes/No information into the rim joist instance parameter if rim joist is build-in-place or is prefabricated with whole floor frame.

Such rim joists will have the **Build in Place** parameter switched ON:

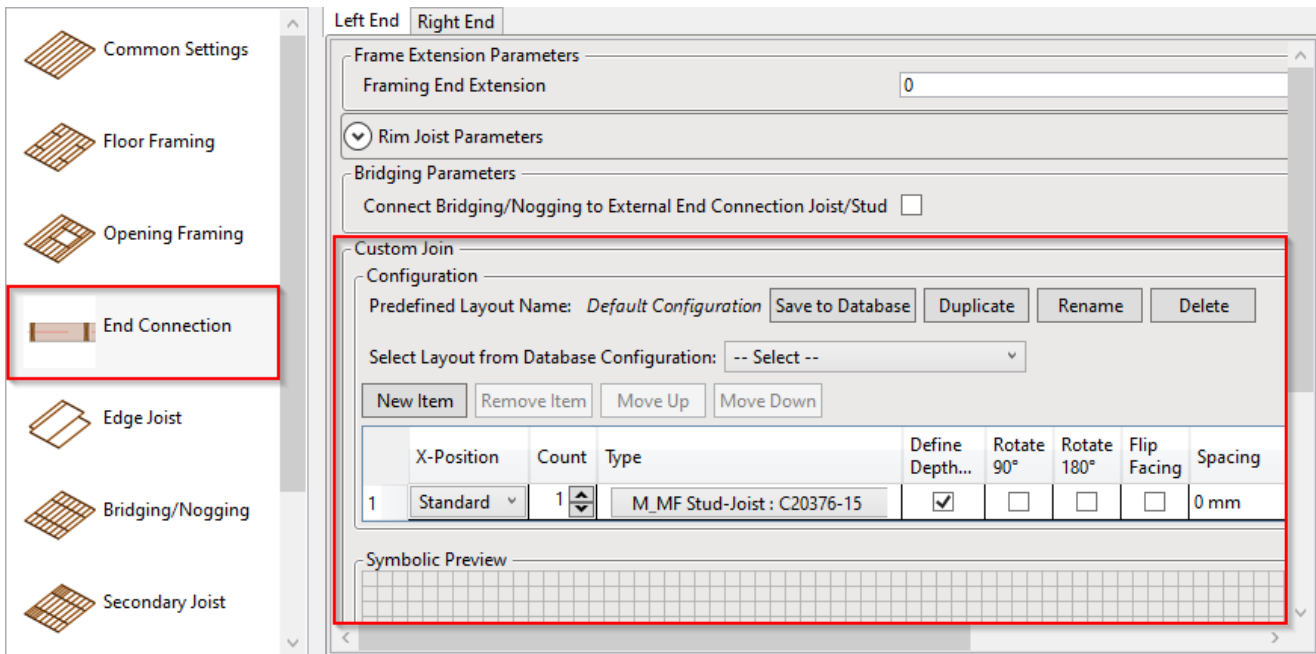
Properties

M\_MF C+C Plate  
C12051-15

Structural Framing (Other) (1) Edit Type

FM SortMark	
Framing Layer	Frame
Framing Member Mark	BP
FM HostMemberSortMark	
Framing Member Mass	
Framing Member Volume	0.000 m <sup>3</sup>
Link to Connected Wall	<input checked="" type="checkbox"/>
Build in Place	<input checked="" type="checkbox"/>
CNC Part Number	
CNC Part Name	
FM Module Mark	
FM Wall Layer	Frame
FM Module Type	
FM Module Preassembled	<input checked="" type="checkbox"/>
CNC Part Position	
FM Wood Grade	

## Custom Join



**Custom Join** – is a multi-functional dialog where user can define rules for joins including size, count, position, rotation, spacing, alignment etc. All these rules can be saved and used in other framing configurations or shared with other users. This type of dialog is used frequently in our products, so here you can find [Custom Join detailed description >>](https://agacad.freshdesk.com/support/solutions/articles/44001990031-custom-join) (<https://agacad.freshdesk.com/support/solutions/articles/44001990031-custom-join>).

Default path to database with configurations is:

*C:\Users\user name\AppData\Roaming\Tools 4 Revit\Floor+M 2021 (or other version)  
Configurations\CustomFramingJoins\F\Metric or Imperial*

C:\Users\Renata\AppData\Roaming\Tools 4 Revit\Floor+M2021 Configurations\CustomFramingJoins\F\Metric			
Name	Date modified	Type	Size
Default Configuration.xml	2021-01-03 20:16	XML Document	3 KB

You can also modify the path to all configurations in **Configuration Files' Location**.