NUMBERING – Numbering Configuration

Modified on: Sun, 17 Jan, 2021 at 6:47 PM

Numbering Configuration

Frame Roof	Add/Modify Elements	Update Frame Delete Frame Modify Other •		Insert Rafters	Split Parts	Number Elements	Create Assembly	 Link Roof Configs • Settings •
			R	oof+M		E1 Numb	ar Elements	
							er ciements	
						Numb	ering Configura	tion
						R10 Numb	er Roofs	
						P1 Numb	er Parts	

or:

Numbering C	Configuration				-	-		×
Configuration:	Default Configuration v	Save		Duplic	ate Rename Delete			
Roof Numberin	g Setup Part Numbering Setup Nur	mbering	y Set	up				
-Sort & Numbe	r Structural Framing and Connections							
Sort Structural Framing by Id (will be removed) (will be removed)								
Sort Structural Framing by Mark (will be removed) (will be removed)								
Sort Structu	ural Framing by Assembly Name (will b	e remo	/ed)	(will b	e removed)			
Sort Struct	ural Framing from Start to End							
Sort Struct	ural Connections by Mark (will be remo	ved) (w	ill be	e remo	ved)			
Sort Mark Stru	ctural Framings				ort Mark Structural Connections			
Soft Mark Stru								
Sort Mark Co	onfiguration				Sort Mark Configuration			
FM SortMar	k - by Frame Host and Member Mark	Ÿ	✓		FM SortMark - by Host and Connection Mark	& Туре	e v	✓
None		~			None		~	
None		Ÿ			None		~	
None		ý			None		~	
None		~			None		~	
None					None			
None					None			
None		-					-	
Sort Mark Con	figuration Files' Location							
Use Predef	ined SortMark configurations							
C:\Users\Ren	ata\AppData\Roaming\Tools 4 Revit\R	oof+M	2020	Confi	urations\Numbering Setup Configurations\Sor	tMark		
O Use SortMa	ark tool configurations							
-								
					ОК		Can	icel

Numbering Configuration – allows you to configure and save automatic numbering settings for roofs, sheathings/panelings (Parts), framing elements (under Structural Framing category), and details (Structural Connections) by using functionality from the framing software and <u>Sort Mark (http://www.aga-cad.com/products/tools4revit/sort-mark)</u> configurations.

<u>Sort Mark (http://www.aga-cad.com/products/tools4revit/sort-mark)</u> can renumber any Revit® elements in just the way you want.



Sort Mark E-Help >> (http://www.aga-cad.com/products/tools4revit/sort-mark/e-help)

Configuration

R Numbering Configuration —		×				
Configuration: Default Configuration v Save Duplicate Rename	Delete	a				
Roof Numbering Setup Part Numbering Setup Numbering Setup						
Sort & Number Structural Framing and Connections						
Sort Structural Framing by Id (will be removed) (will be removed)						
Sort Structural Framing by Mark (will be removed) (will be removed)						
Sort Structural Framing by Assembly Name (will be removed) (will be removed)						
Sort Structural Framing from Start to End						
Sort Structural Connections by Mark (will be removed) (will be removed)						

Configuration – configuration with all numbering settings. You can use the sample configurations or create new ones. Also, you can rename, duplicate, or delete existing configurations.

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

C:\Users\Renata\AppData\Roaming\Tools 4 Revit\Roof+M2020 Configurations								
Name	Date modified	Туре						
CustomFramingJoins	2019-09-16 20:24	File folder						
Details Configurations	2019-09-14 17:23	File folder						
Framing Configurations	2019-07-31 20:14	File folder						
HipValley Configurations	2019-07-31 20:14	File folder						
Mark Configurations	2019-09-14 17:30	File folder						
Numbering Setup Configurations	2019-09-12 20:29	File folder						
Part Configurations	2019-07-31 20:14	File folder						
Sheathing Configurations	2019-07-31 20:14	File folder						
Shop Drawing Configurations	2019-09-16 18:41	File folder						
Workshop Configurations	2019-09-19 20:03	File folder						

Sort Mark Configuration Files' Location

08/09/21, 08:53

R Numbering Configuration						-	_		×
Configuration: Default Configuration v	Save	e		upl	icate	e Rename Delete			
Roof Numbering Setup Part Numbering Setup Numbering Setup									
Sort & Number Structural Framing and Connections									
Sort Structural Framing by Id (will be removed) (will be removed)									
Sort Structural Framing by Mark (will be removed)	(will	be	rem	ove	d)				
Sort Structural Framing by Assembly Name (will be	e ren	nove	ed) (will	be re	emoved)			
Sort Structural Framing from Start to End									
Sort Structural Connections by Mark (will be remo	/ed)	(wil	l be	rem	ove	d)			
- Sort Mark structural Framings				-Se	ort N	lark Structural Connections			
Sort Mark Configuration					Sor	Mark Configuration			
FM SortMark - by Frame Host and Member Mark	v	✓			۶M	SortMark - by Host and Connection M	ark & T	Ty⊧≚	✓
- None	v					lone		Ŷ	
- None	~			-		lone		Ŷ	
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- None	v			-		lone		~	
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None	v					lone		v	
Sort Mark Configuration Files' Location					_				
Use Predefined SortMark configurations									
C:\Users\Renata\AppData\Roaming\Tools 4 Revit\Re	oof+	M20	020 (Conf	figur	rations\Numbering Setup Configuration	ns\Sort	Mark	
Use SortMark tool configurations									
	_	_	_	_					
OK Cancel									

Sort Mark Configuration Files' Location – location of <u>Sort Mark (http://www.aga-cad.com/products/tools4revit/sort-mark)</u> configuration files.

Sort Mark Structural Framings – configuration for numbering all framing elements (under Structural Framing category). The list of configurations comes from **Sort Mark Configuration Files' Location**.

Sort Mark Structural Connections – configuration for numbering all details (under Structural Connections category). The list of configurations comes from **Sort Mark Configuration Files' Location**.

R Numbering Configura	ation			-		×
Configuration: Default	Configuration v	Save	Duplicate	Rename	Delet	e
Roof Numbering Setup	Part Numbering Setup	Numbering Set	tup			
Sort Mark Parts						
Sort Mark Configurat	tion					
Part Mark - by Host	and Part Mark				Ŷ	✓
None					Ŷ	
None					Ŷ	
None					Ŷ	
None					Ŷ	
				ОК	Can	cel

Roof Numbering Setup – configuration for numbering all roofs. The list of configurations comes from **Sort Mark Configuration Files' Location**.

Part Numbering Setup – configuration for numbering all sheathing/paneling (under Part category). The list of configurations comes from **Sort Mark Configuration Files' Location**.

Sort & Number Structural Framing and Connections

R Numbering Configuration -	×
Configuration: Default Configuration v Save Duplicate Rename D	elete
Roof Numbering Setup Part Numbering Setup Numbering Setup	
 Sort & Number Structural Framing and Connections 	
Sort Structural Framing by Id (will be removed) (will be removed)	
Sort Structural Framing by Mark (will be removed) (will be removed)	
Sort Structural Framing by Assembly Name (will be removed) (will be removed)	
Sort Structural Framing from Start to End	✓
Sort Structural Connections by Mark (will be removed) (will be removed)	
OK	Cancel

Sort & Number Structural Framing and Connections – different automatic numbering rules for framing elements (under Structural Framing category) and details (under Structural Connections category).

Make sure that the numbering rules are selected before saving configuration:

R Numbering Configuration	_		×
Configuration: Default Configuration v Save Duplicate Rename	e	Delete	2
Roof Numbering Setup Part Numbering Setup Numbering Setup			
Sort & Number Structural Framing and Connections			
Sort Structural Framing by Id (will be removed) (will be removed)			
Sort Structural Framing by Mark (will be removed) (will be removed)		E	
Sort Structural Framing by Assembly Name (will be removed) (will be removed)		[3
Sort Structural Framing from Start to End			✓
Sort Structural Connections by Mark (will be removed) (will be removed)		[5
OK		Cano	el

FM SortMark – parameter with the result. You can find it in **Element Properties** \rightarrow **Identity Data**. It contains the **Framing Member Mark** value from **Framing Configuration** and a number that is sorted by selected value (ID, Mark, Assembly Name, from start to End).

					Properties	×
4		40	13	 a	M_MF Stud-Joist C20351-15	-
	8	0	60		Structural Framing (Other) (1)	V 🖯 Edit Type
		4			Identity Data	* ^
		13			FM Number of Connectors	0.000000
				_	Assembly Name	Roof 203+3layer_3
	0	c.	4		Image	
			-		Comments	
			в		Mark	
e					Framing Member	Common Joist
				7.	Framing Member Type	Joist
	=	6	æ	- "	Framing Member Cut Length	4009.5
1976	s mm			l t	Framing	Roof
~			4		Framing Member Description	Common Joist
~					FM SortMark	4
	~	0	د 🖒		Framing Layer	Frame
7		396	1.7 ⁻		Framing Member Mark	J
		H	2		FM HostMemberSortMark	Root 203+3layer_3
-0[Framing Member Mass	15.612 kg
					Framing Member Volume	0.0020 m ⁻
					C.B.I.C. Danak Blooma la an	