ALIGN/TRIM/EXTEND – Align Elements

Modified on: Sun, 3 Jan, 2021 at 5:44 PM

Frame Wall Vpdate Frame Add Additional Details Modify Other •	Align Elements	Image: Wall □ Image: Wall Image: W
	Cut/Delete/Move/Rotate Elements	Wall+M. Align Elements
	Trim/Extend Multiple Elements	Align Studs with Main Frame
	Trim/Extend Multiple Elements to Face	Align Studs with other Element Align Studs with two other Elements
		Align Stud's Face to selected Face Align Studs with Faces of two other Elements
		Align Vertical Siding with other
		Align Bridging/Nogging/Siding
		Reverse End Connection - Opening intersection

Align Elements – features for aligning studs, vertical sidings, opening cripples, bridging/noggin etc.

Align Studs with Main Frame



Align Studs with Main Frame – use if studs from another layer, like secondary frame, have to be aligned with studs from main frame.



Align Studs with other Element

🔛 Wall+M. Align Elements	×
Align Studs with Main Frame	
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Reverse End Connection - Opening intersection	

Align Studs with other Element – aligns studs with trusses, truss system grids, or studs from other frames.

Steps:

1. Run Align Studs with other Element \rightarrow Select any Structural Framing element (e.g., truss bottom chord or element from Truss System Grid):



2. Select a stud from the frame that has to be aligned:



Result – all studs from the frame are aligned:



Align Studs with two other Elements

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Align Studs with two other Elements – aligns studs with two selected trusses, truss system grids, or studs from other frames.

Steps:

1. Run Align Studs with two other Elements \rightarrow Select two Structural Framing elements (e.g., truss top chord or two elements from Truss System Grid):

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2. Select a stud that has to be aligned:



Result – all studs from the frame are aligned:

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Align Stud's Face to selected Face

🖽 Wall+M. Align Elements	×
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Align Stud's Face to selected Face – aligns stud's face with selected element face.

Steps:

- 1. Run Align Stud's Face to selected Face \rightarrow Select face of any element;
- 2. Select a stud that has to be aligned:



Align Studs with Faces of two other Elements

🖽 Wall+M. Align Elements 🛛 🗙	
Align Studs with Main Frame	
Align Studs with other Element	
Align Studs with two other Elements	
Align Stud's Face to selected Face	_
Align Studs with Faces of two other Elements	
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Align Studs with Faces of two other Elements – aligns studs with two selected faces from other elements.

Steps:

- 1. Run Align Studs with Faces of two other Elements \rightarrow Select two faces of any element;
- 2. Select a stud that has to be aligned:



Align Vertical Siding with other

🖽 Wall+M. Align Elements	×
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Align Bridging/Nogging/Siding	
Reverse End Connection - Opening intersection	

Align Vertical Siding with other – aligns vertical siding with siding in a connected wall.



Align Bridging/Nogging/Siding

🔛 Wall+M. Align Elements	×
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Reverse End Connection - Opening intersection	

Align Bridging/Nogging/Siding – aligns bridging/noggings or sidings with other selected element.

Example: All bridgings are aligned with a bridging from other wall:



Result:



Reverse End Connection - Opening Intersection

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Reverse End Connection - Opening Intersection – used when opening is located in the frame end. Usually king stud stays and end stud is removed. While using this function end stud stays and openings' horizontal elements connect to end stud.

