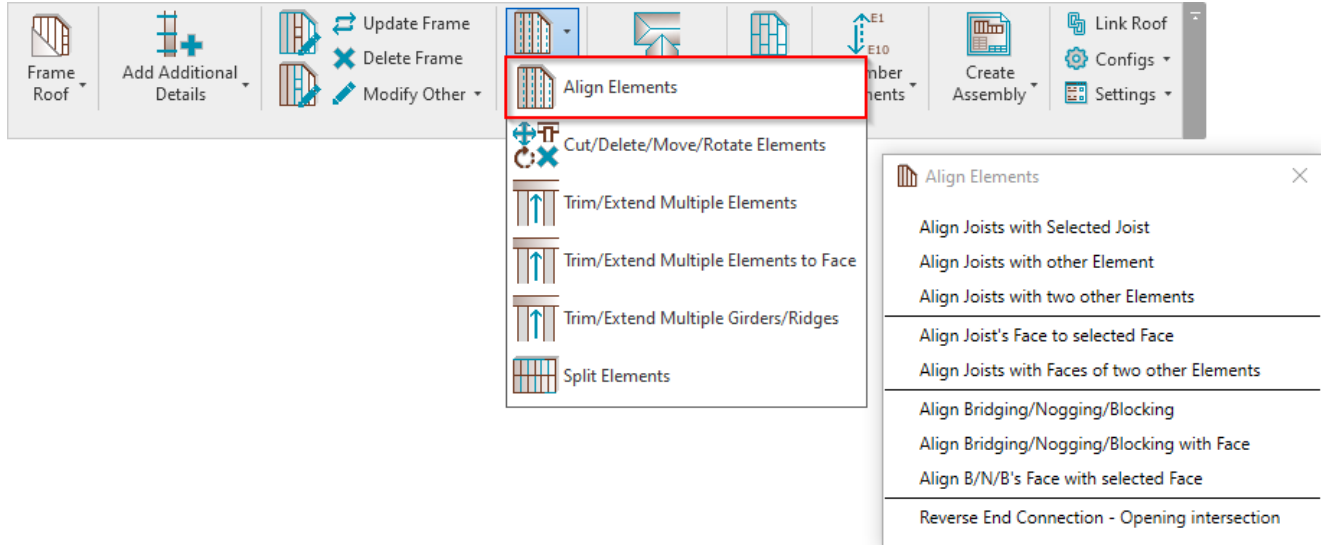


ALIGN/TRIM/EXTEND – Align Elements

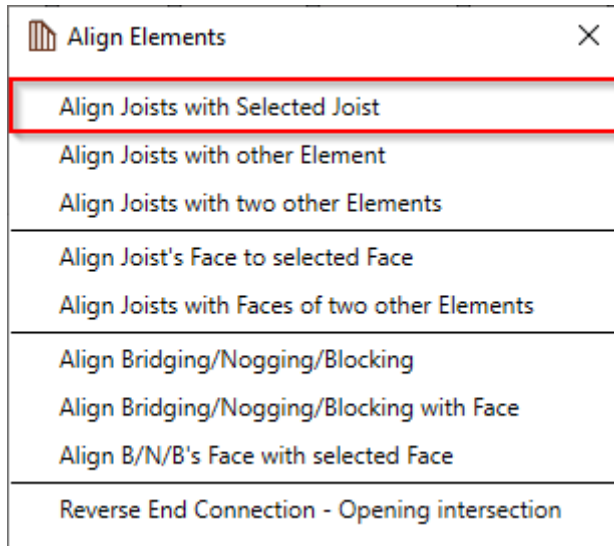
Modified on: Mon, 16 Nov, 2020 at 8:49 PM

Align Elements

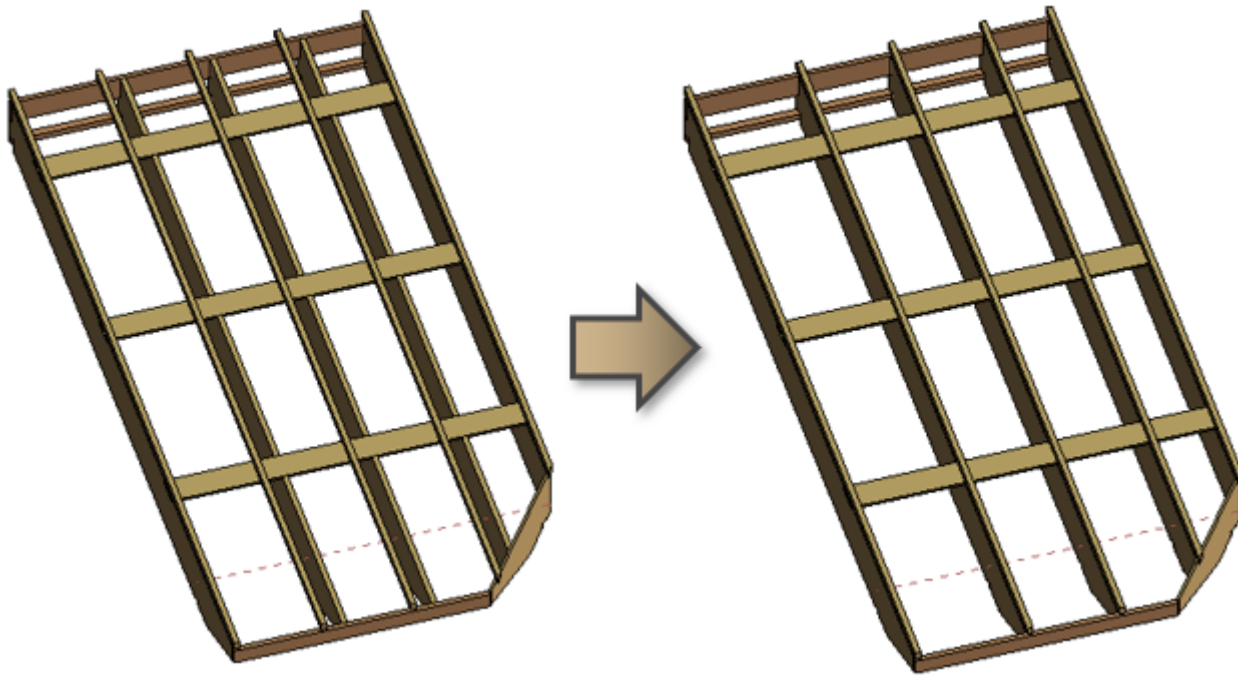


Align Elements – features for aligning joists, opening cripples, bridging/noggin etc.

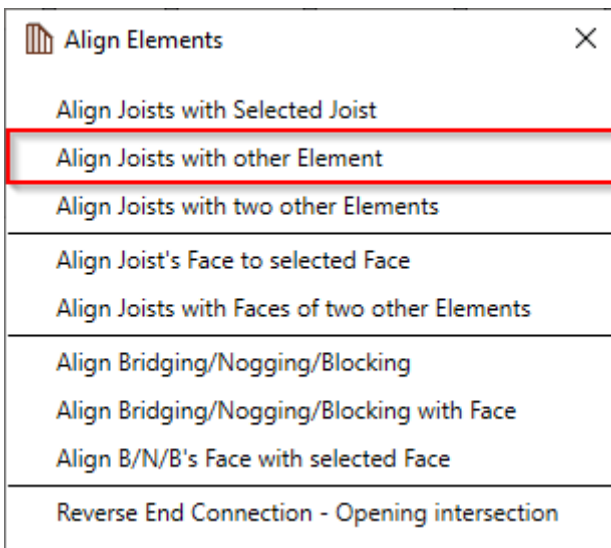
Align Joists with Selected Joist



Align Joists with Selected Joist – use if joists have to be aligned after framing a roof. Select a joist and other joists will be aligned to predefined distance.



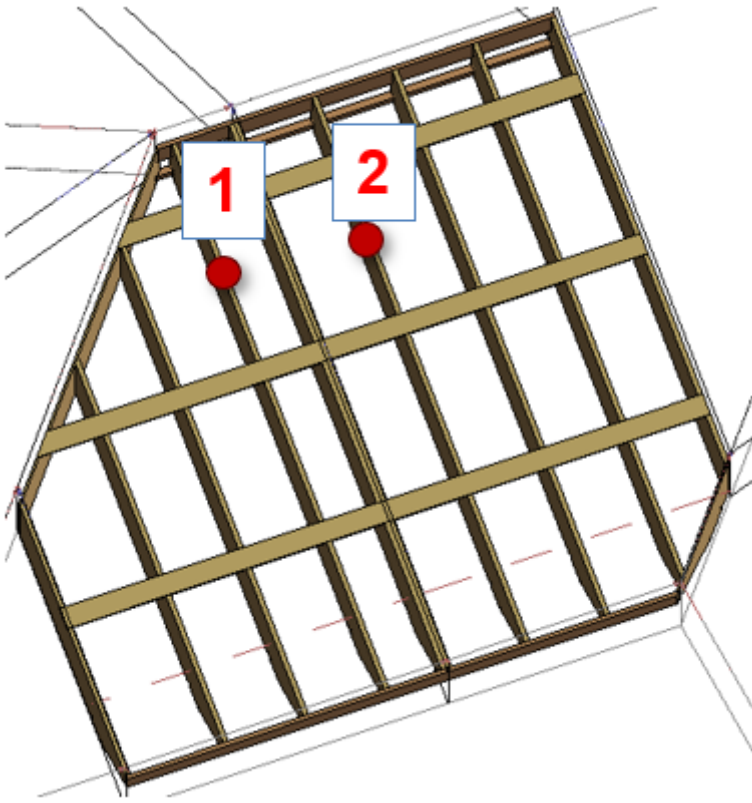
Align Joists with other Element



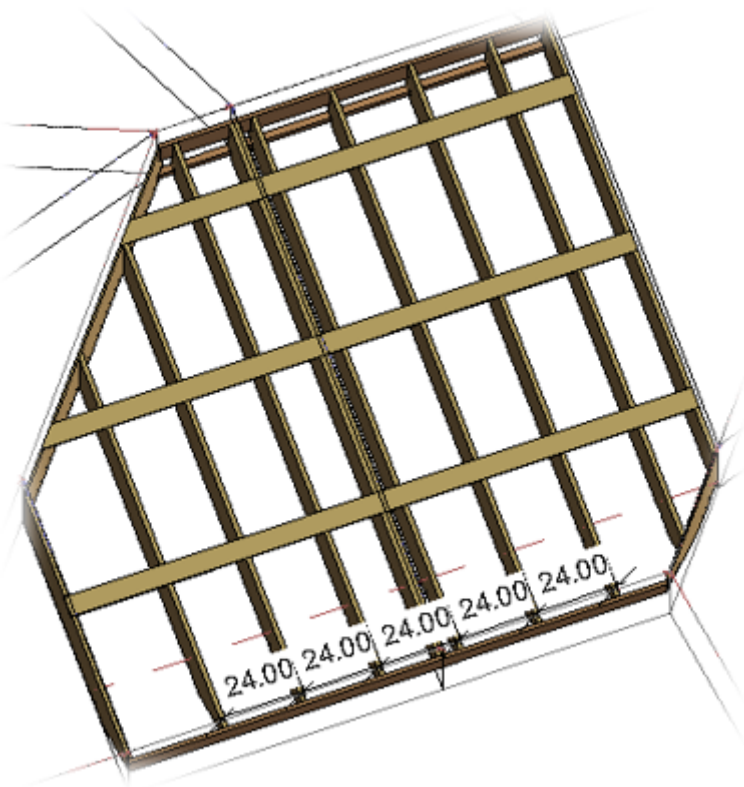
Align Joists with other Element – aligns joists with studs/joists from wall/floor or joists from other frames.

Steps:

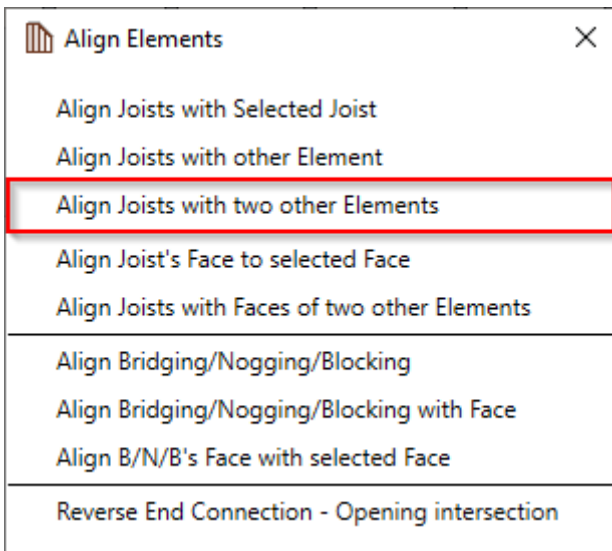
1. Run **Align Joists with other Element** → Select any Structural Framing element;
2. Select a joist from the frame that has to be aligned:



Result:



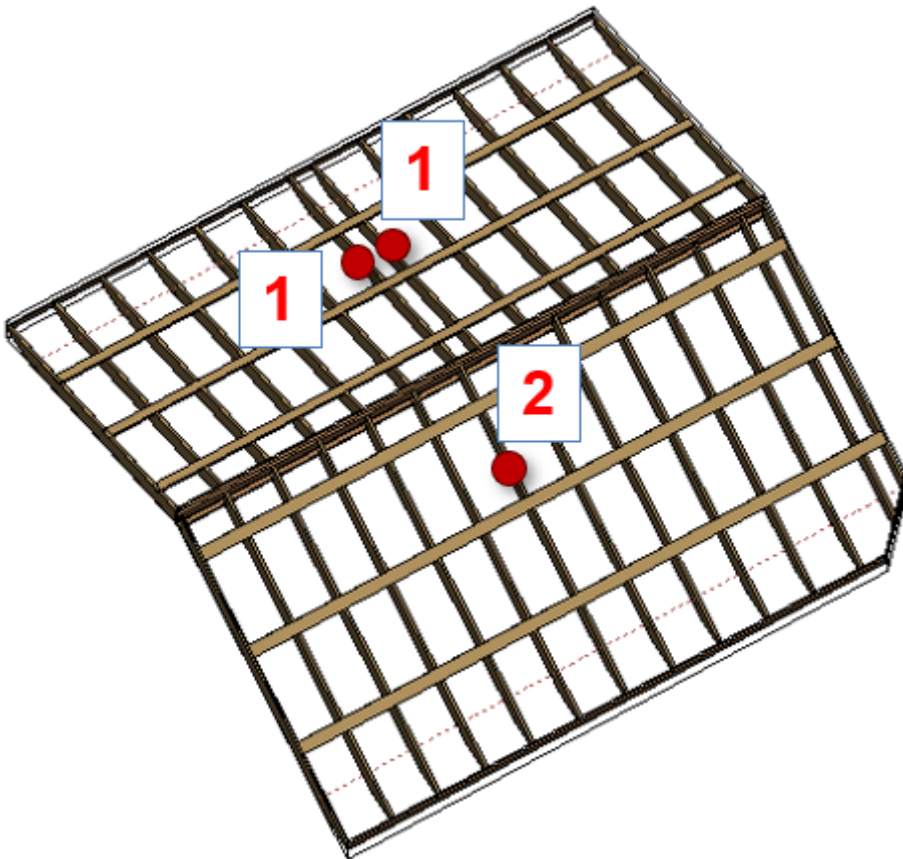
Align Joists with two other Elements



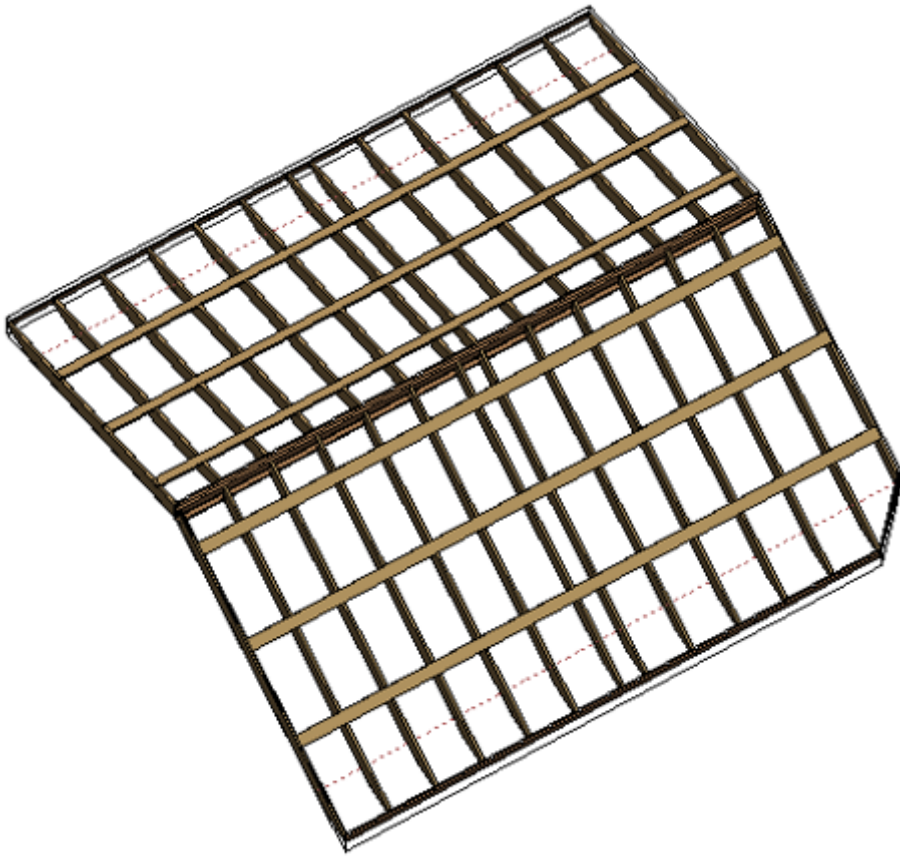
Align Joists with two other Elements – aligns joists with two selected studs/joists from wall/floor or joists from other frames.

Steps:

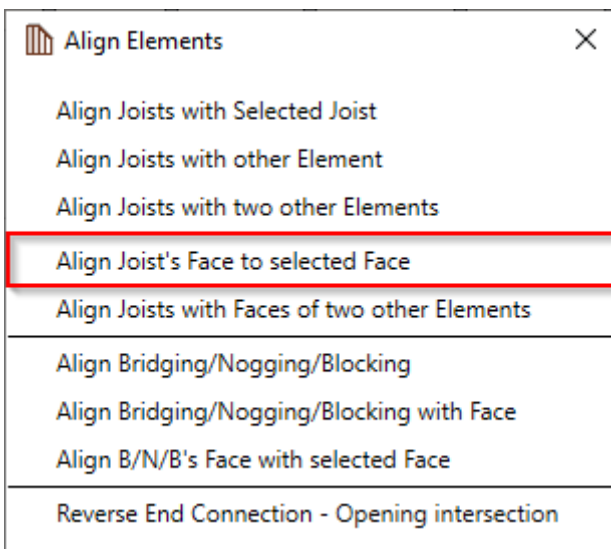
1. Run **Align Joists with two other Elements** → Select two Structural Framing elements;
2. Select a joist that has to be aligned:



Result:



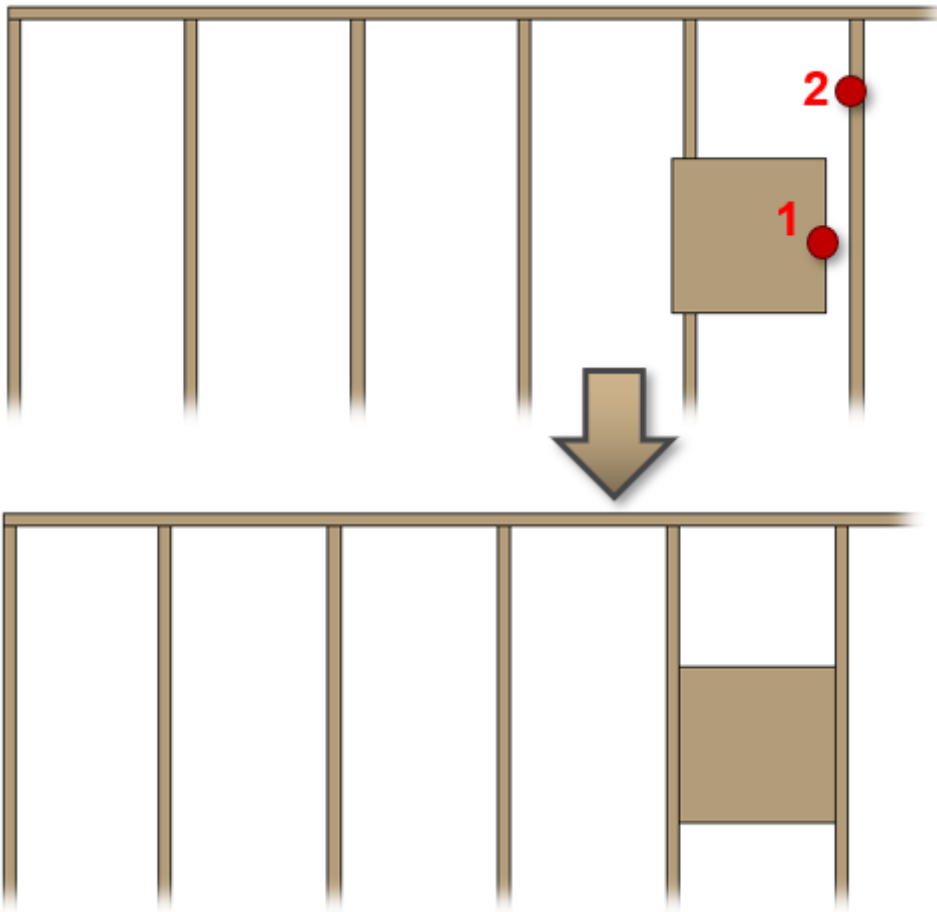
Align Joist's Face to selected Face



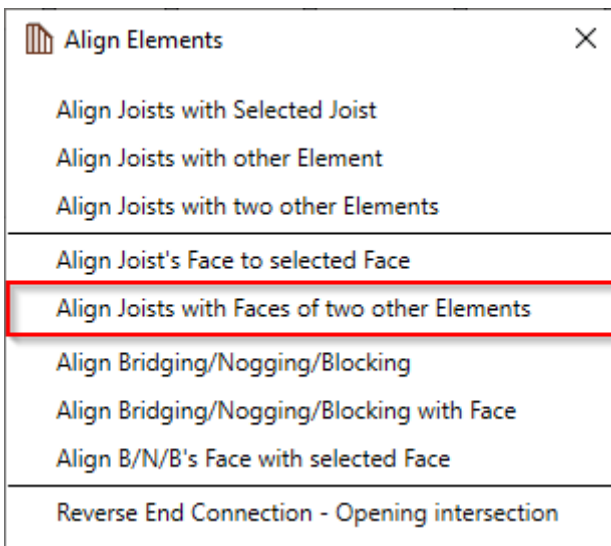
Align Joist's Face to selected Face - aligns joist's face with selected element face.

Steps:

1. Run **Align Joist's Face to selected Face** → Select face of any element (e.g., a face of a column);
2. Select a joist that has to be aligned:



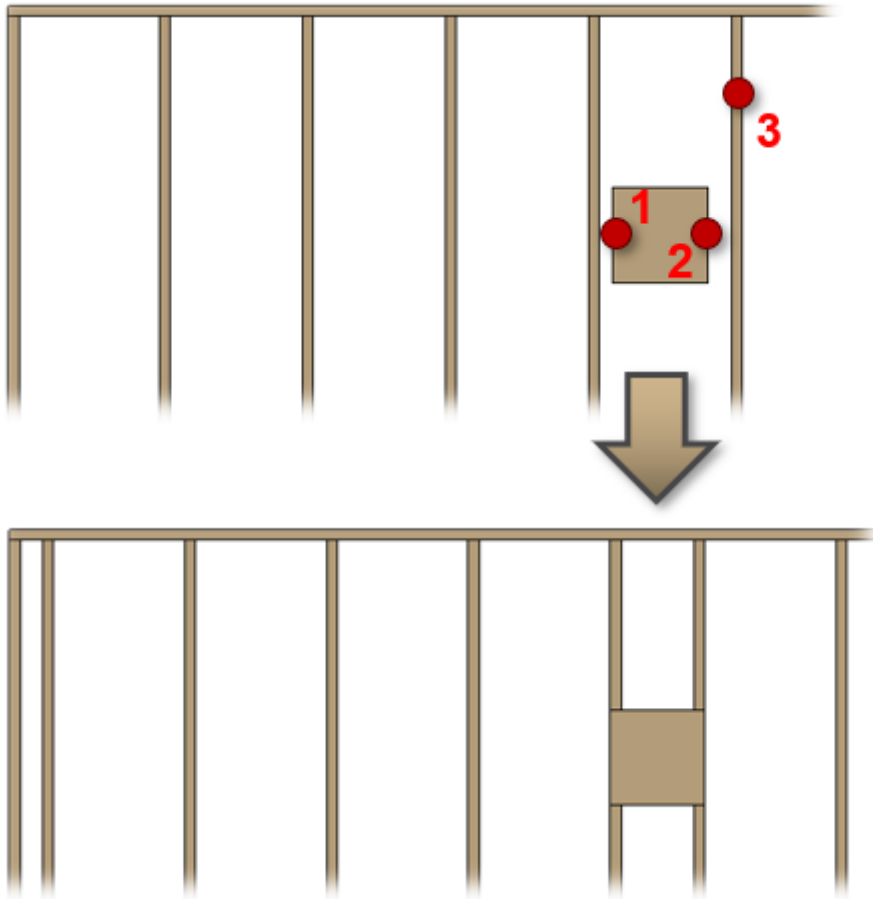
Align Joists with Faces of two other Elements



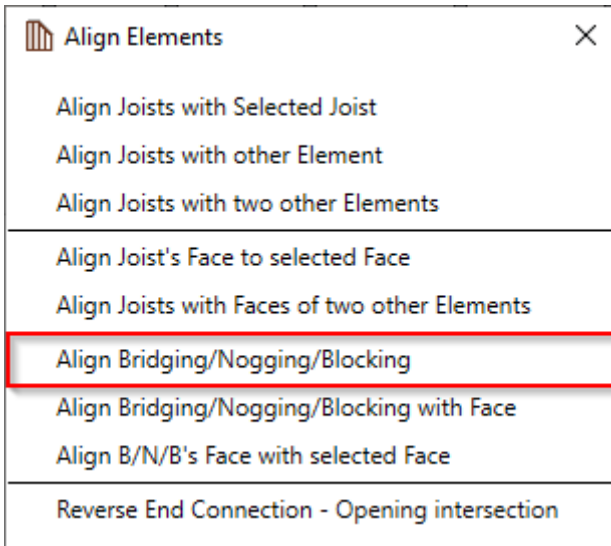
Align Joists with Faces of two other Elements – aligns joists with two selected faces from other elements.

Steps:

1. Run **Align Joists with Faces of two other Elements** → Select two faces of any element (e.g., faces of a column);
2. Select a joist that has to be aligned:



Align Bridging/Nogging/Blocking

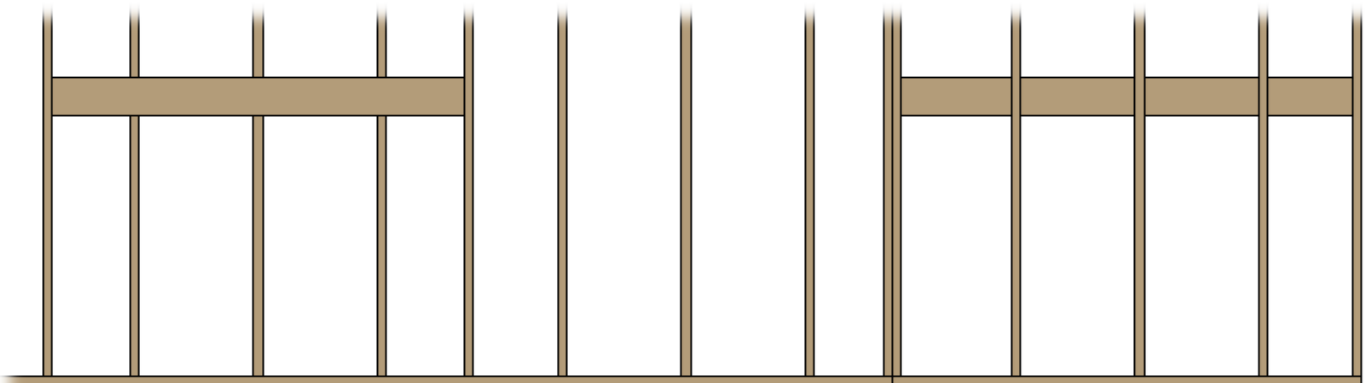


Align Bridging/Nogging/Blocking – aligns bridging/noggings or blocking with other selected element.

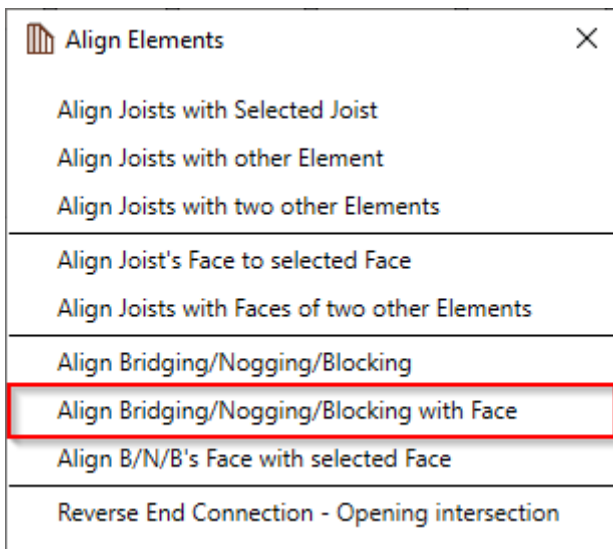
Example: Bridging is aligned with bridging from another roof:



Result:



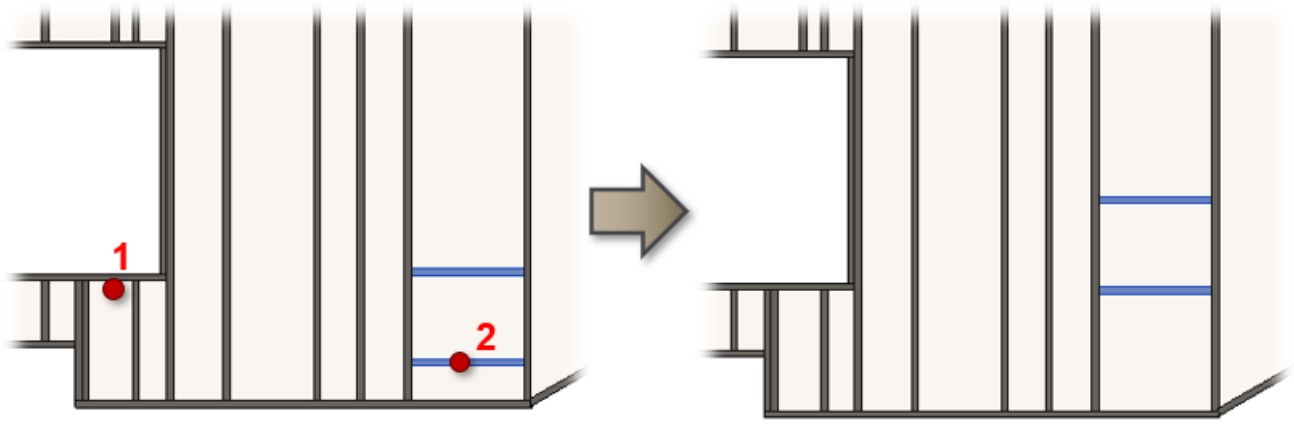
Align Bridging/Nogging/Blocking with Face



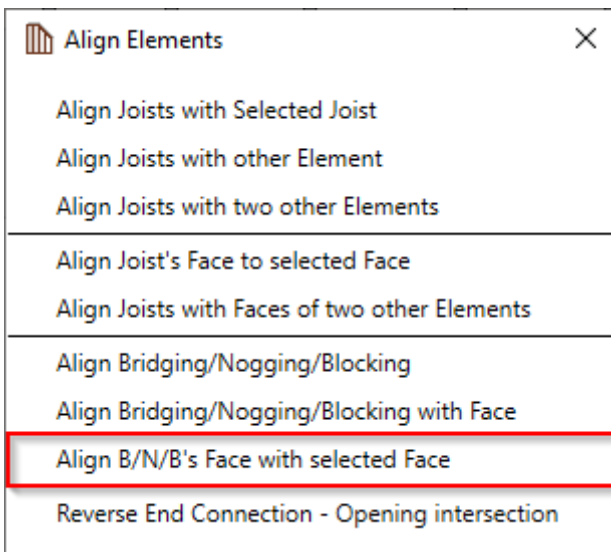
Align Bridging/Nogging/Blocking with Face – aligns bridging/noggings or blocking with selected element face.

Steps:

1. Run **Align Bridging/Nogging/Blocking with Face** → Select face of any element;
2. Select a bridging that has to be aligned:

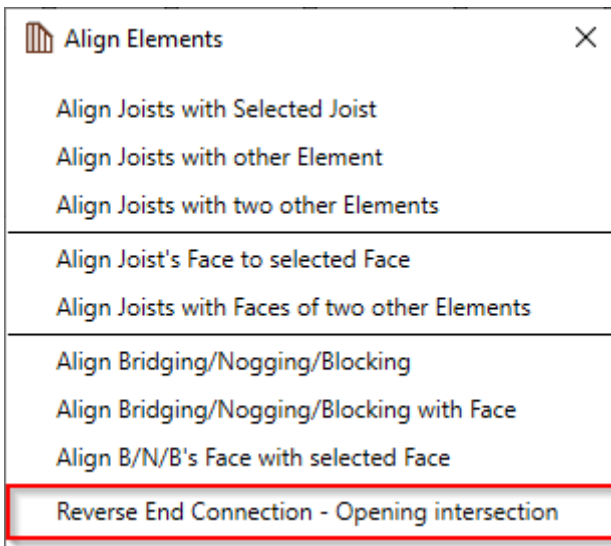


Align B/N/B's Face with selected Face



Align B/N/B's Face with selected Face – aligns bridging/noggings or blocking face with selected element face.

Reverse End Connection - Opening Intersection



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.

