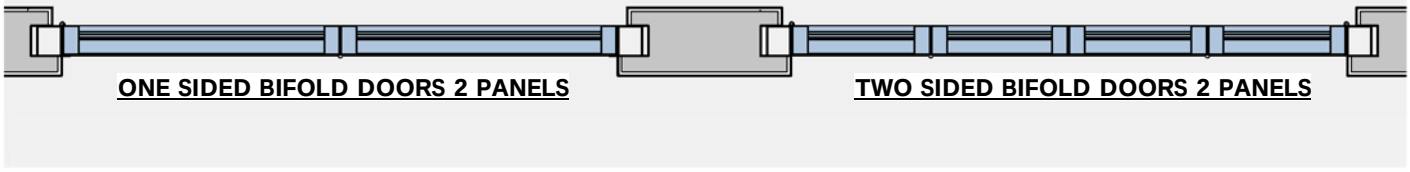
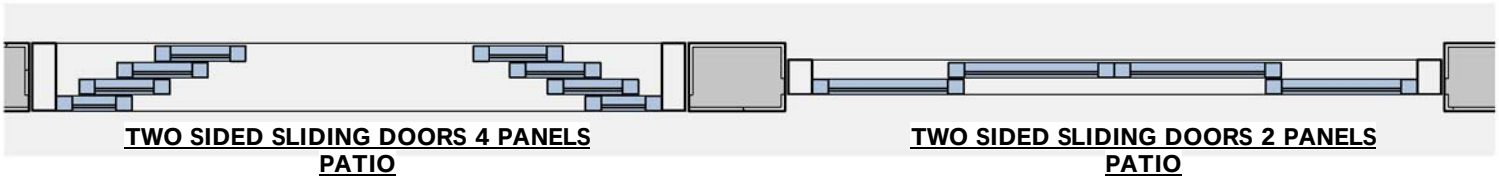


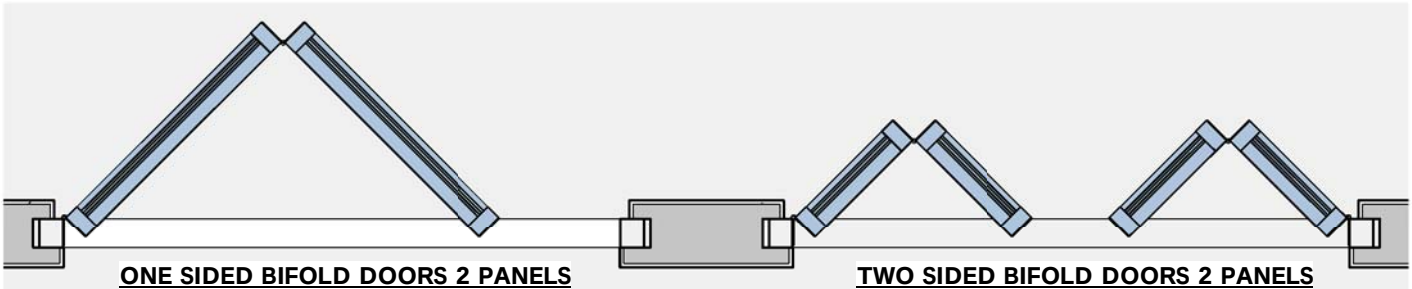
ONE SIDED BIFOLD DOORS 2 PANELS

TWO SIDED BIFOLD DOORS 2 PANELS



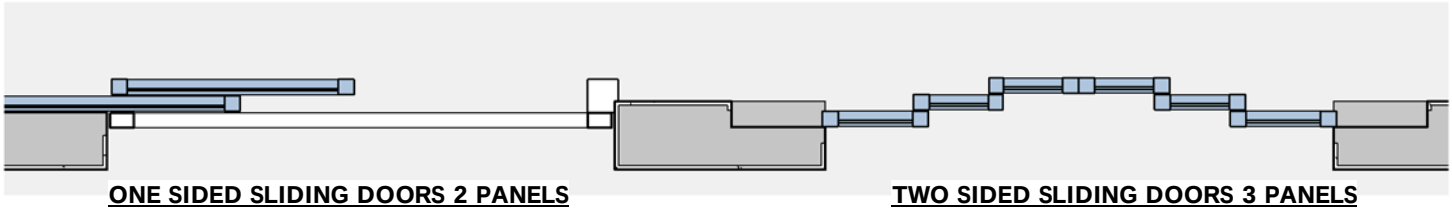
TWO SIDED SLIDING DOORS 4 PANELS
PATIO

TWO SIDED SLIDING DOORS 2 PANELS
PATIO



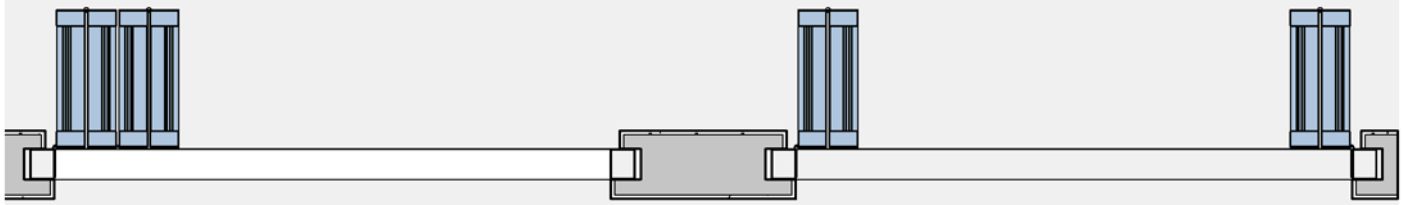
ONE SIDED BIFOLD DOORS 2 PANELS

TWO SIDED BIFOLD DOORS 2 PANELS



ONE SIDED SLIDING DOORS 2 PANELS

TWO SIDED SLIDING DOORS 3 PANELS



ONE SIDED BIFOLD DOORS 4 PANELS

TWO SIDED BIFOLD DOORS 2 PANELS

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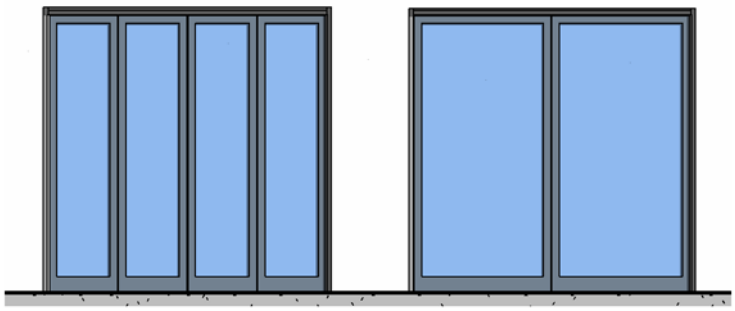

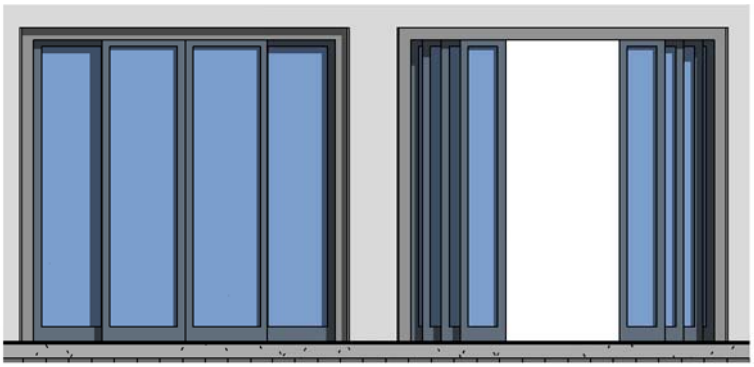

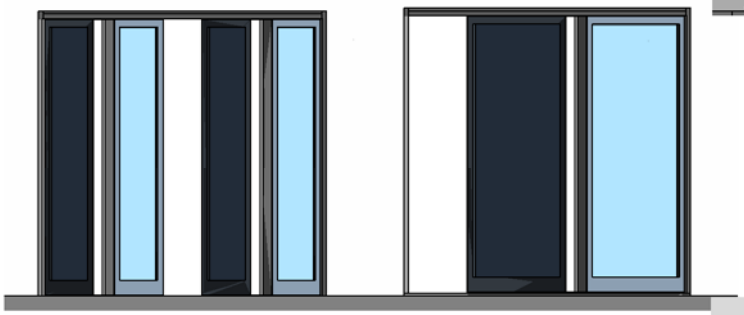

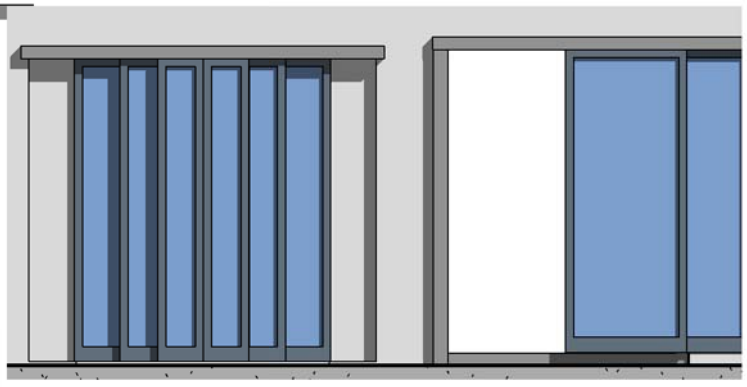

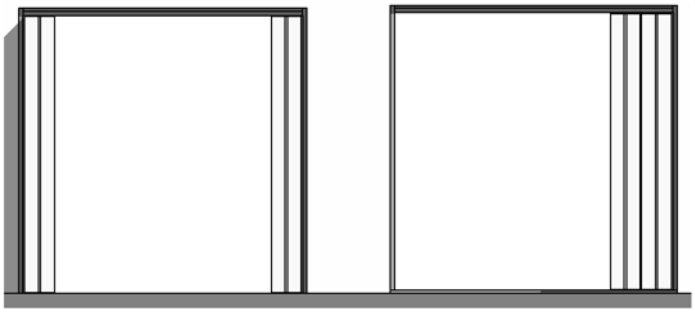

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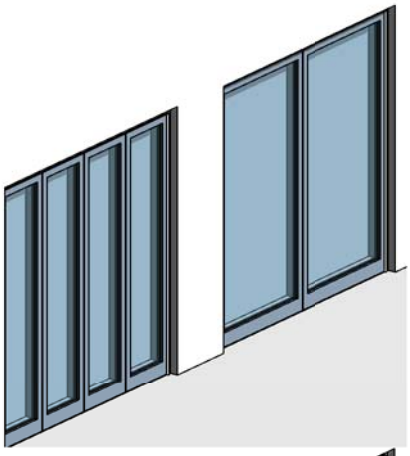

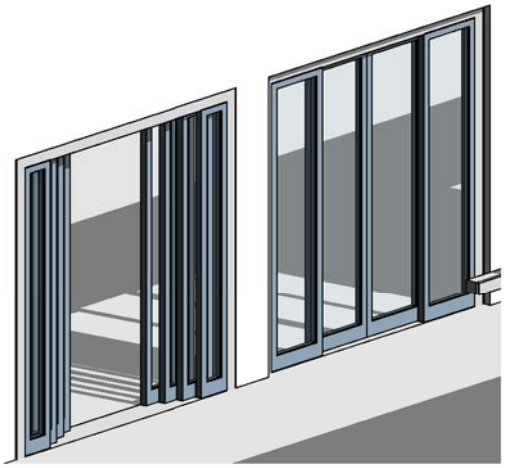

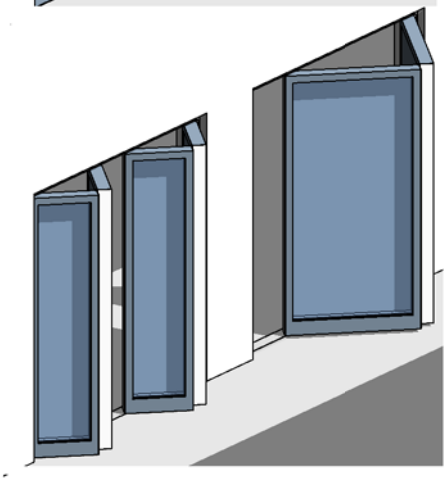

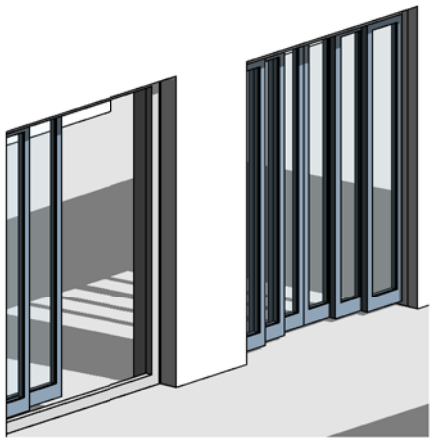

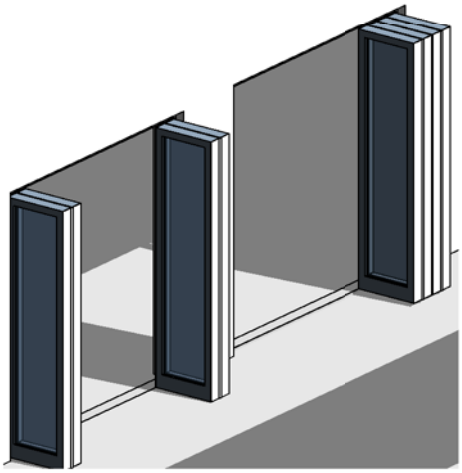

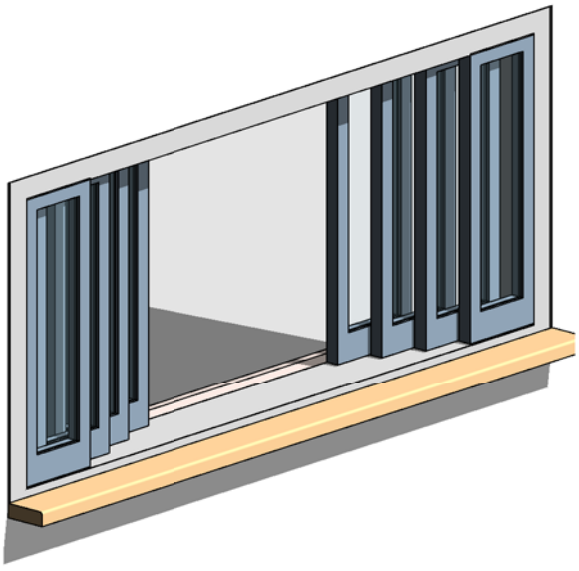

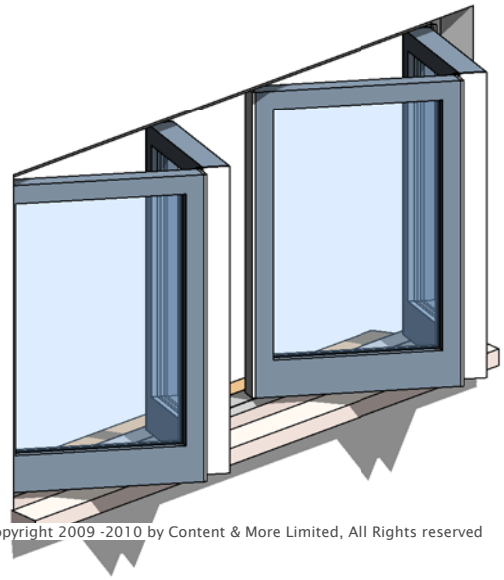

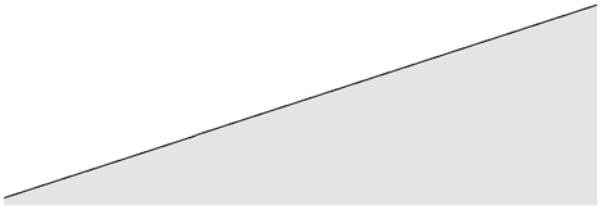

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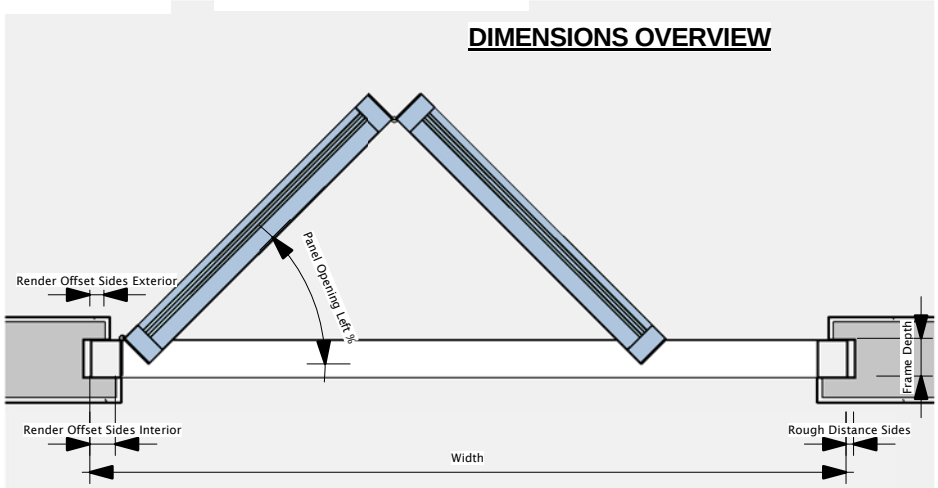
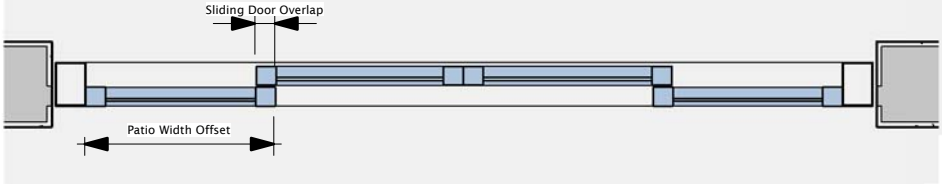
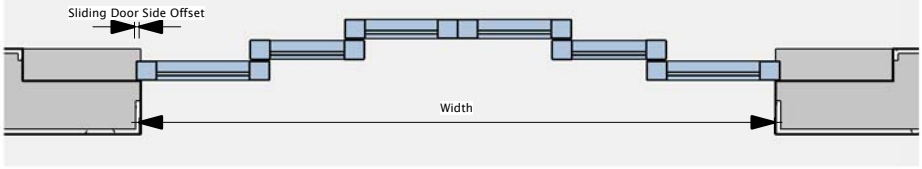


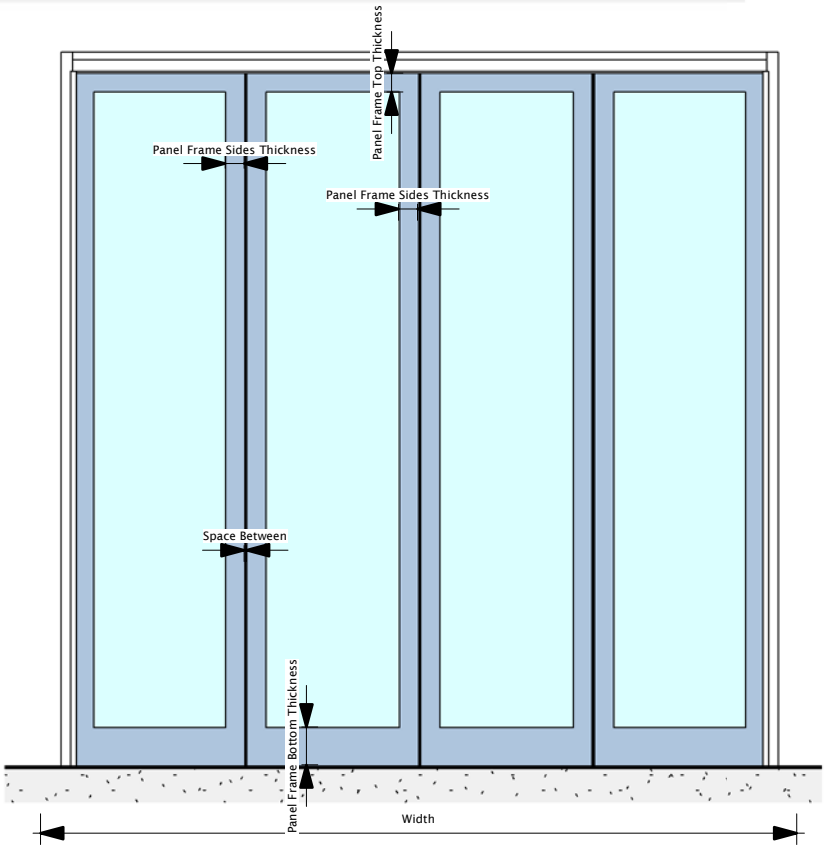
BiFold Door Plan
1 : 20



Sliding Door Plan Patio
1 : 20



Sliding Door Plan
1 : 20



Dimension Elevation
1 : 20

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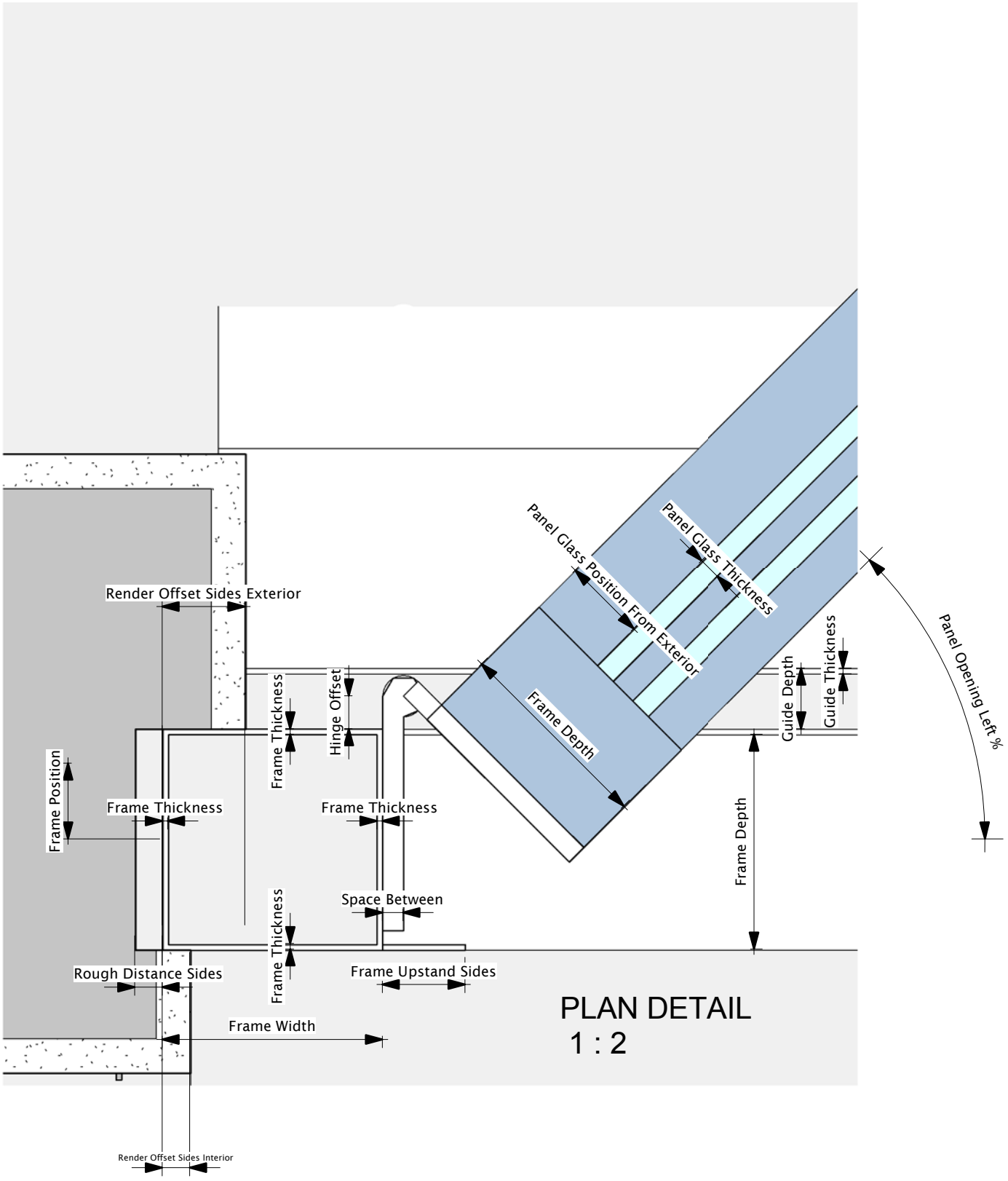
DIMENSIONS OVERVIEW



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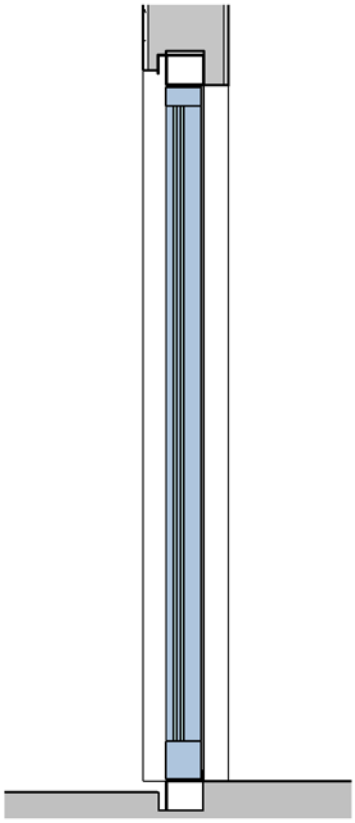
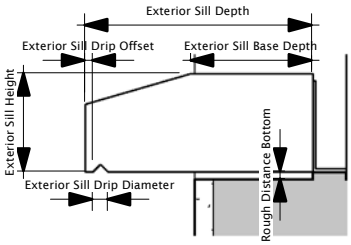
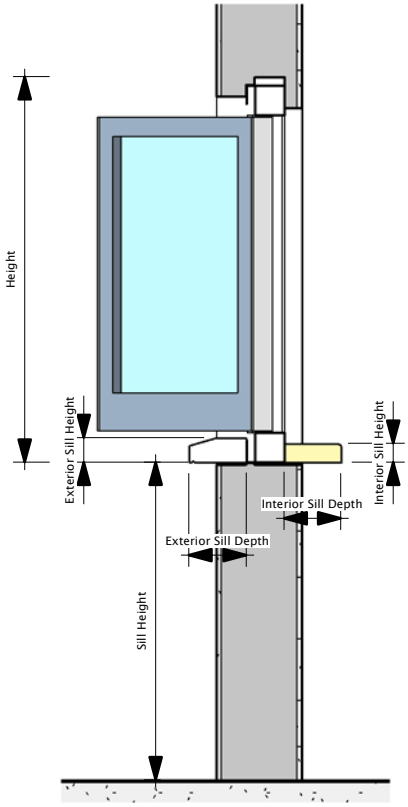
DIMENSIONS OVERVIEW



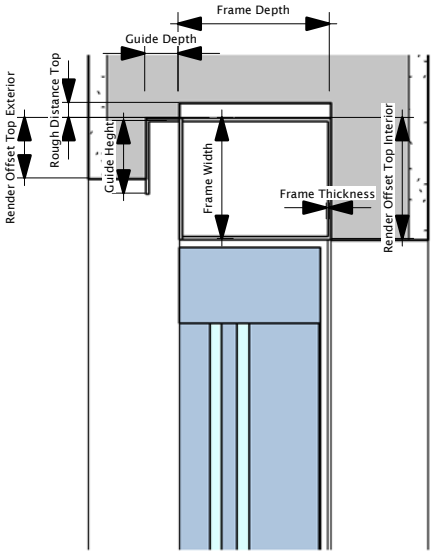
Dimension Section
1 : 20



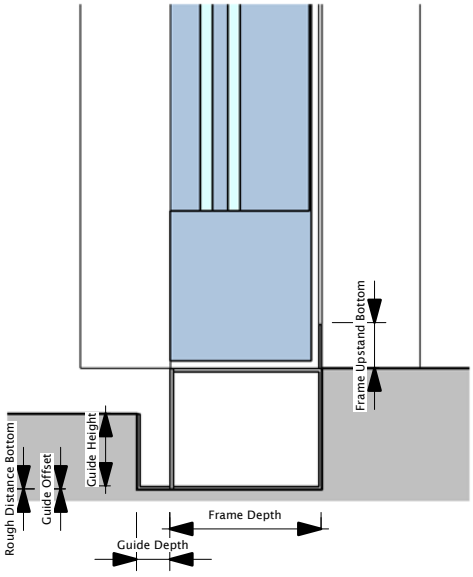
Detail 1
1 : 5



Bi-Fold Window & Door Section
1 : 20



Detail 2
1 : 5



Detail 3
1 : 5

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How To Create Double & Single Bi Fold Doors

In the Type Parameters under:-

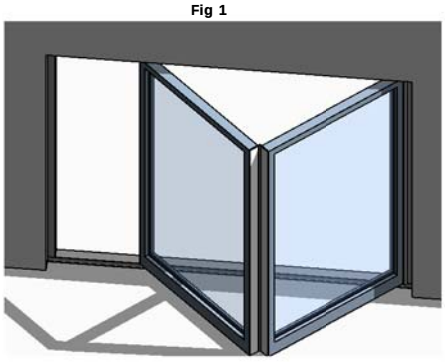
Dimensions

To Open & Close the Doors, both Bi Fold Doors have a swing parameter which are:-
1 *PANNEL OPENING LEFT %*
2 *PANEL OPENING RIGHT %*
3 *PANEL COUNT LEFT*
4 *PANEL COUNT RIGHT*

The parameter *PANNEL OPENING LEFT %* is for the left Bi-fold doors as shown in the **Fig 1**below which has a *PANEL COUNT LEFT* of 2.
To create Double Bi-fold doors adjust the parameter *PANEL COUNT RIGHT*, the result of right swing Bi-fold doors appears as shown in **Fig 2**
To create single Bi-fold doors on the right or left is simple, Just adjust the panel count to zero on the doors on one side that you dont want, and increase the panel count on the opposite side to your specification.
Fig 3 & 4 show the panel count left & right increasing in the panels on both sides.
To Make Bi-Fold Window & Door, adjust the parameter *SILL HEIGHT* in the instance properties, and control visibilty of the interior and exterior sill with the tick boxs in the Graphics as shown in **Fig 5**

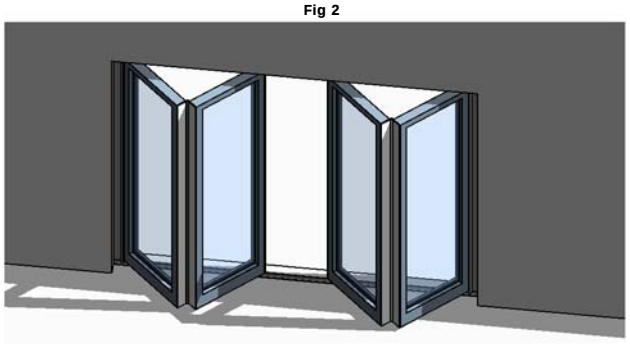
(PLEASE REFER TO DIMENSIONS OVERVIEW)

Fig 1



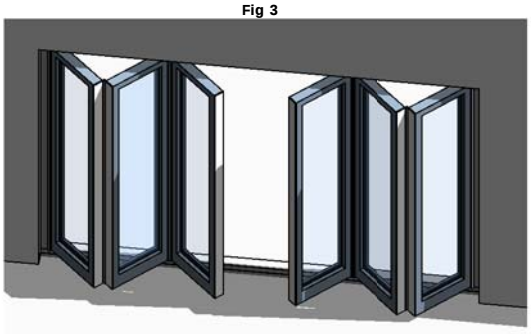
2 PANELS ON ONE SIDE

Fig 2



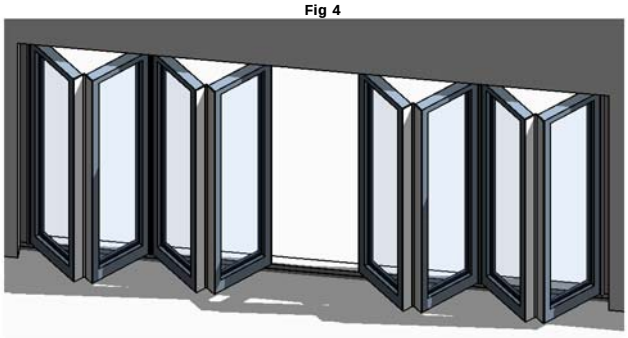
2 PANELS ON EACH SIDE

Fig 3



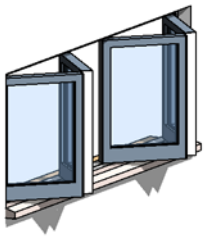
3 PANELS ON EACH SIDE

Fig 4



4 PANELS ON EACH SIDE

Fig 5



BI FOLD WINDOW DOOR

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How To Create Double & Single Sliding Doors

In the Type Parameters under:-

Dimensions

The Sliding Doors have Parameters which are:-
1 *PANNEL OPENING LEFT %*
2 *PANEL OPENING RIGHT %*
3 *SLIDING DOOR COUNT*
4 *DOUBLE SLIDING DOOR*

To create Sliding Doors, unselect the parameter *BIFOLD DOORS*, so it is not checked, the result will be a Sliding door.
To create Double Sliding Doors select the parameter *DOUBLE SLIDING DOOR* as shown in **FIG 7**
To create Single Sliding Doors simply unselect the parameter *DOUBLE SLIDING DOOR* **FIG 6**
To Make Sliding Door Window, adjust the parameter *SILL HEIGHT* in the instance properties

(PLEASE REFER TO DIMENSIONS OVERVIEW)

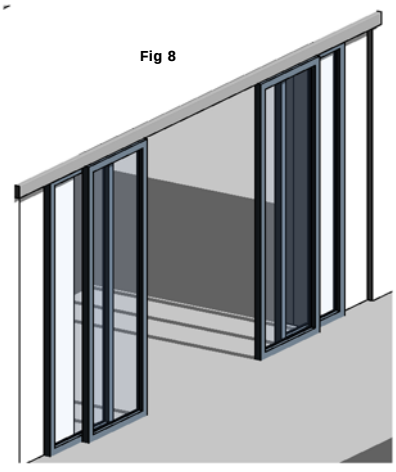
Fig 6

SLIDING DOORS 1 PANEL ONE SIDE

Fig 7

SLIDING DOORS 2 PANELS PATIO

Fig 8



SLIDING DOORS 2 PANELS

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Instance Parameters

Symbol Lines

In the Type Parameters under:-

Graphics

To Create Symbol Lines select the parameters in the instance properties box
SYMBOL LINES the result will be
Fig 14 & 15

All Symbol Lines will appear in Elevation Only

To have symbol lines adjusted to your local standards, showing the opposite side
In elevation, adjust the parameter
SYMBOL LINES HINGE SIDE the result will show the symbol lines flipped in elevation on the opposite side

To switch of the symbol lines simply unselect the SYMBOL LINES parameter under Graphics, all Symbol lines will turn off.

Frame Position

In the Type Parameters under:-

Dimensions

To adjust the frame position within the wall, the parameter is called
FRAME POSITION

The frame position adjusts the frame within the wall
If the parameter is set to zero, then the frame will be centre line of the wall.
If the parameter is set more than zero, than the result will be the frame moving towards the exterior
If the parameter is set less than zero, than the result will be the frame moving towards the interior

If the Frame Visibility is switched off and you want the sliding door centre of the wall, there are two options to adjust. The first is the *FRAME POSITION*, and the second is the *PANEL OFFSET TOWARDS INTERIOR*. This parameter will only adjust the doors when Behold is not activated

Sill Height

In the Type Parameters under:-

Dimensions

To adjust the frame position within the wall, the parameter is called
SILL HEIGHT

The Sill Height adjusts the frame to create a Behold or a Sliding window
If the parameter is set to zero, then the frame will be flush with the floor.
If the parameter is set more than zero, than the result will be the frame up
If the parameter is set less than zero, than the result will be the frame moving down

Type Parameters

Bi Fold Doors

In the Type Parameters under:-

Graphics

To adjust the Behold Doors to Sliding Door, the parameter is called
BIFOLD DOORS

If the parameter *BIFOLD DOORS* is selected the result will be Behold Doors
The parameters which will adjust the BiFold Doors as well as the width and height are:
BIFOLD PANEL COUNT LEFT & BIFOLD PANEL COUNT RIGHT, these parameters can be adjusted from zero to ten panels. The panel width will be automatically adjusted. You can adjust to any specific requirements. Have equal panels on each side or different counts of panel on each side.

If the parameter *BIFOLD DOORS* is unselected the result will be Sliding Door panels without a frame. These will a have a void cutting the wall. To adjust the position within the wall, as stated earlier, you can adjust the Frame Position Parameter, or Panel Offset Towards Interior Parameter
The Parameters to adjust the panel count is *SLIDING DOOR COUNT*.
Please note you cannot adjust the panel count like the Behold Doors. If you want Sliding Doors only on one side then will need to adjust the Parameter Called *DOUBLE SLIDING DOORS*.
This will Make the Panels show on one side and adjust the width of the panels automatically.

To Open and Close the doors, this can be controlled separately for the two different sides.
The parameters control both the Sliding Doors and the Bi Fold Doors.
The Parameters are called *PANEL OPENING RIGHT & PANEL OPENING LEFT*

Patio

In the Type Parameters under:-

Graphics

To adjust to a Patio can be only adjusted when Bi Fold Door is unselected and the Sliding Door is activated as a result. the parameter is called
PATIO

If the parameter *PATIO* is selected the result will be the first panel will become fixed panels
The parameters which will adjust the Sliding Doors

The voids cutting the wall will disappear. and the frame will adjust to the depth of the Panel thickness x *SLIDING DOOR COUNT*. To adjust the panel position within the wall, as stated earlier, you can adjust the Frame Position Parameter, or Panel Offset Towards Interior Parameter
The Parameters to adjust the panel count is *SLIDING DOOR COUNT*. The parameter *DOUBLE SLIDING DOORS* will adjust to Double or Single panel patio similar to the sliding door.
To Adjust the width of the first twofixed panels, The parameter is called *PATIO WIDTH OFFSET*.

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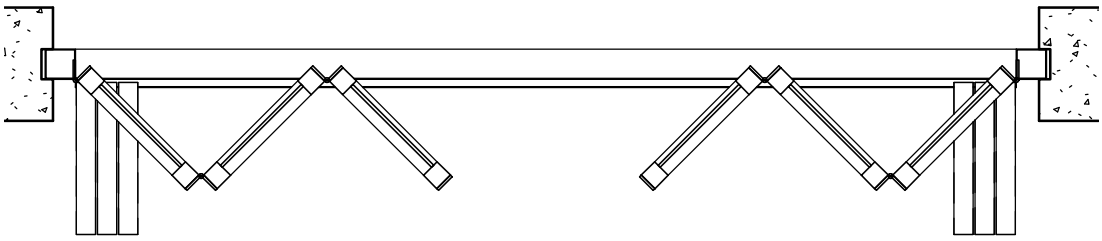
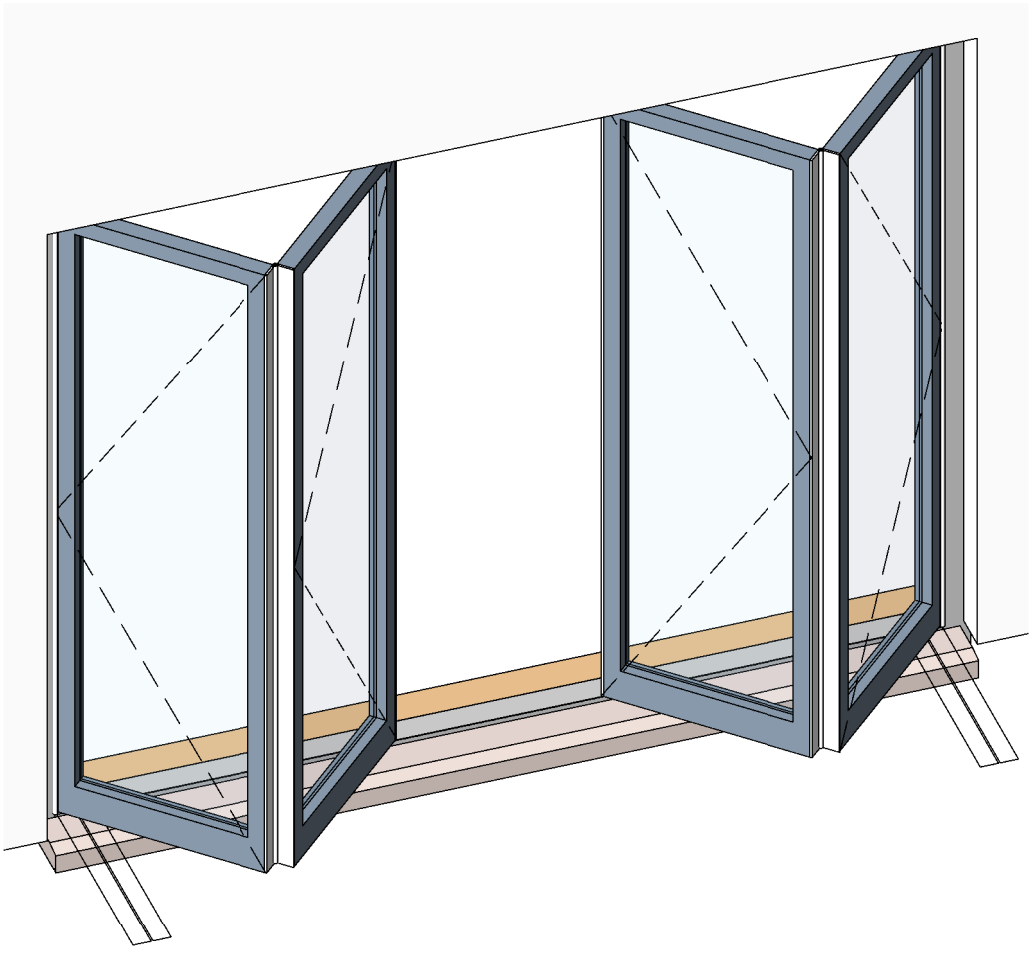
Revit® Content

RFA 2030
Bi Fold & Sliding Doors

REVISION 1





Our new Revised family now has the advanced option to have Symbol Lines Plan 3D as well as Symbol Lines 2D for the BiFold Doors. These options can be adjusted within the instance parameters under the Graphics Menu

The 2D SYMBOL LINES Can only be viewed in Plan & Elevation, the 3D SYMBOL LINES Show in all views

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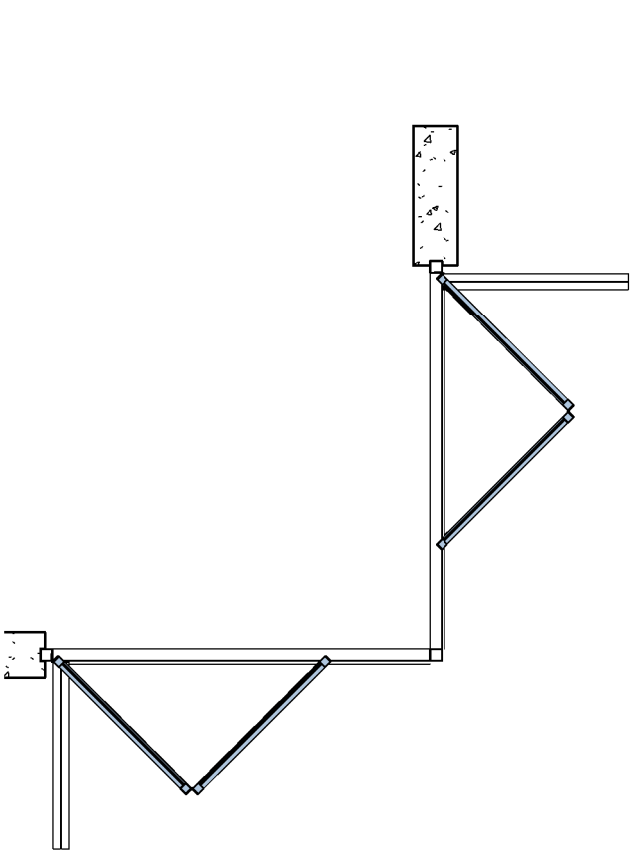
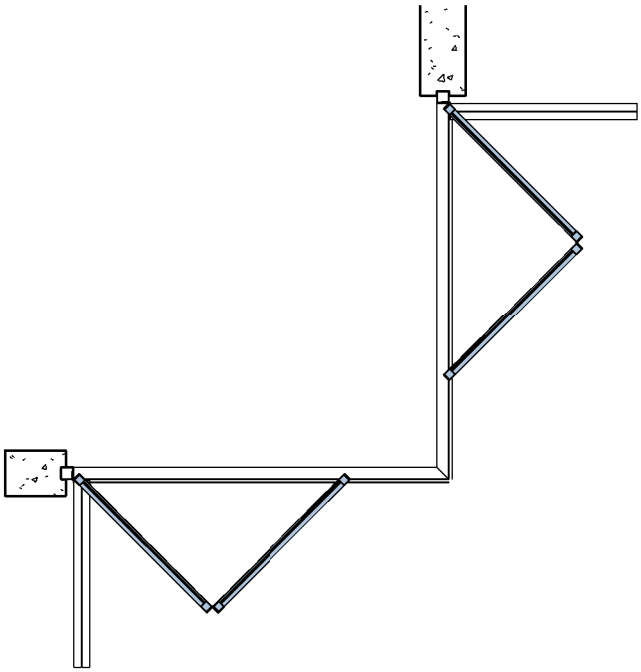
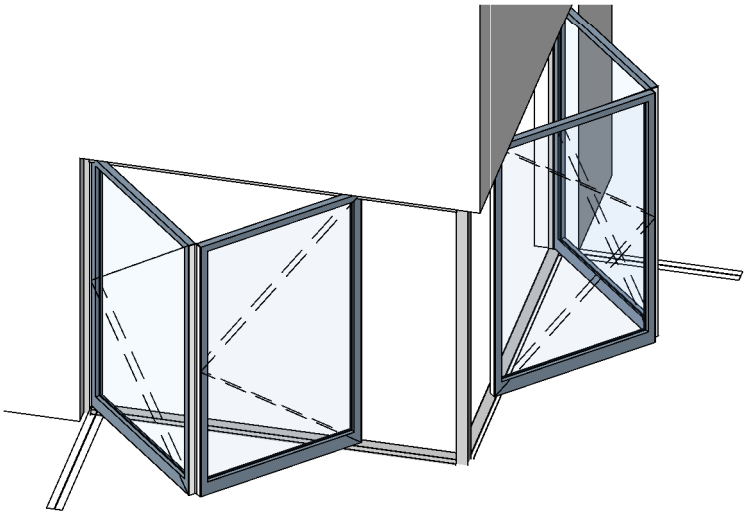
Revit® Content

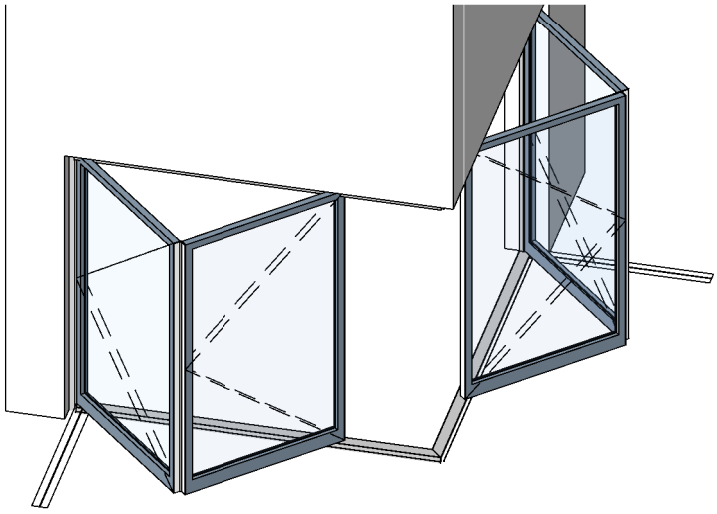
RFA 2030
Bi Fold & Sliding Doors

REVISION 2









Our new Revised family now has the advanced option to have Mitered Left and Right Frames for BiFold and Sliding Doors. These options can be adjusted within the instance parameters under the Graphics Menu. The angle of the frame ends can be fliped to have a 45 degree or a -45 Degree angle. The frame also has options for left and right frame visibility. The advantages of these new revisions are to make a corner setup as shown in the images above. The setups can be also used for Sliding Door and Patio.

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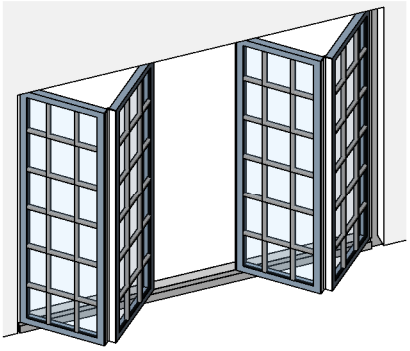
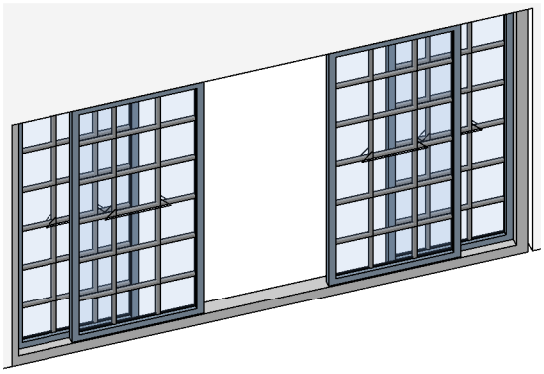
Revit® Content

RFA 2030
Bi Fold & Sliding Doors

REVISION 3





Our new Revised family now has the advanced option to have Glazing Bars Horizontal & Vertical for the BiFold and Sliding Doors.
These Glazing Bars can be adjusted within the type parameters under the Graphics Menu which are named as:-
Glazing Bar Count Vertical & Glazing Bar Count Horizontal.

The Glazing Bars can also be adjusted in the Width, Depth & Radius, these parameters are in under the Dimensions

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