Revit® Content

RFA 2313
WINDOW

# WINDOW

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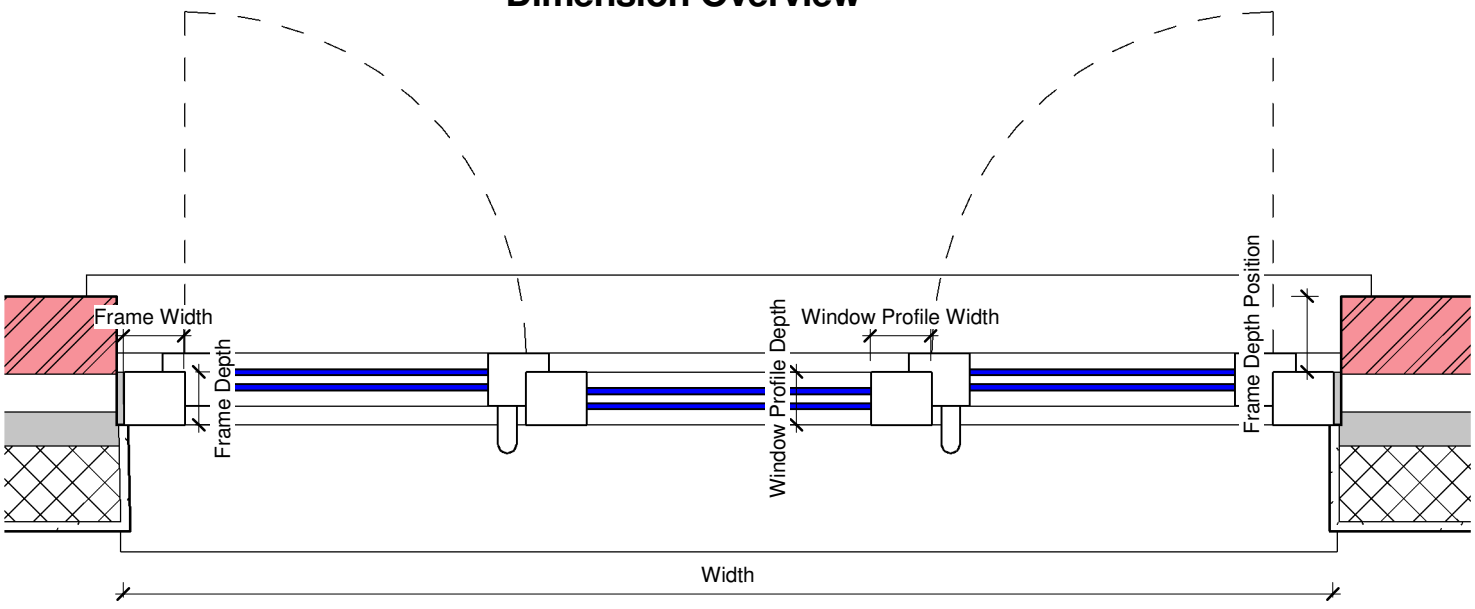
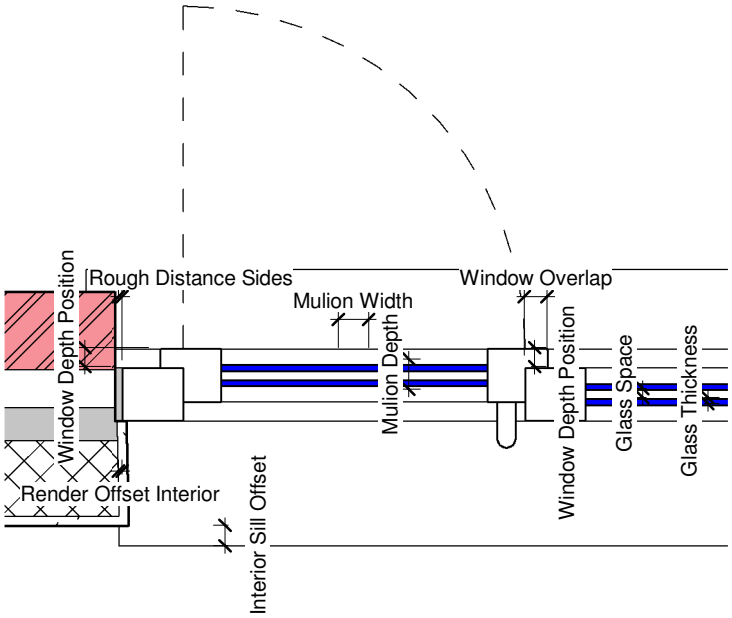
## Dimension Overview




GENERAL PLAN DIMENSIONS

**FIG 1**




DETAIL PLAN DIMENSIONS

**FIG 2**

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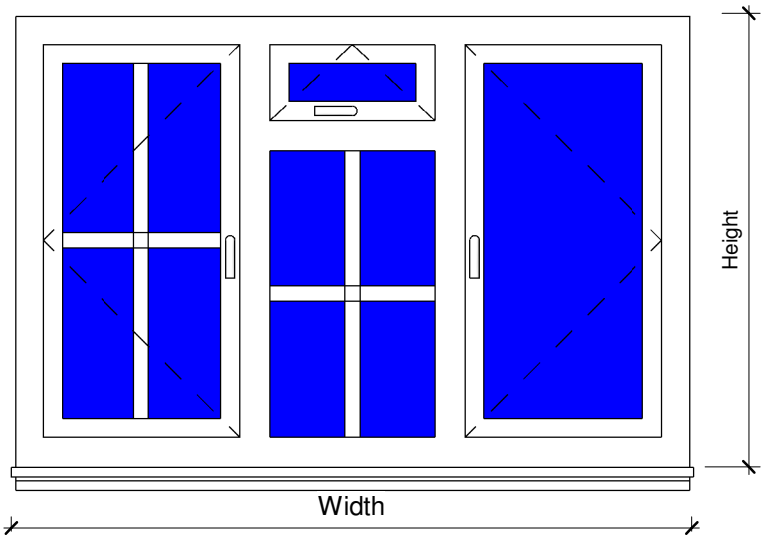
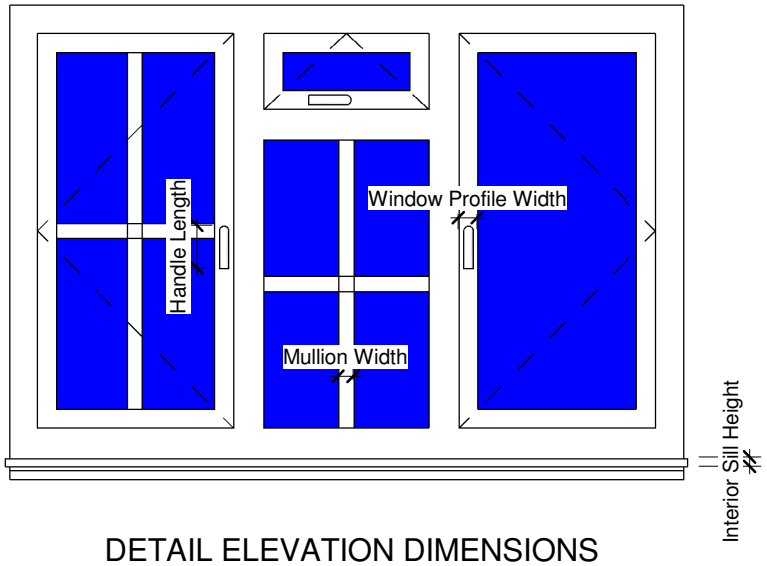
## Dimension Overview




GENERAL ELEVATION DIMENSIONS

**FIG 3**




DETAIL ELEVATION DIMENSIONS

**FIG 4**

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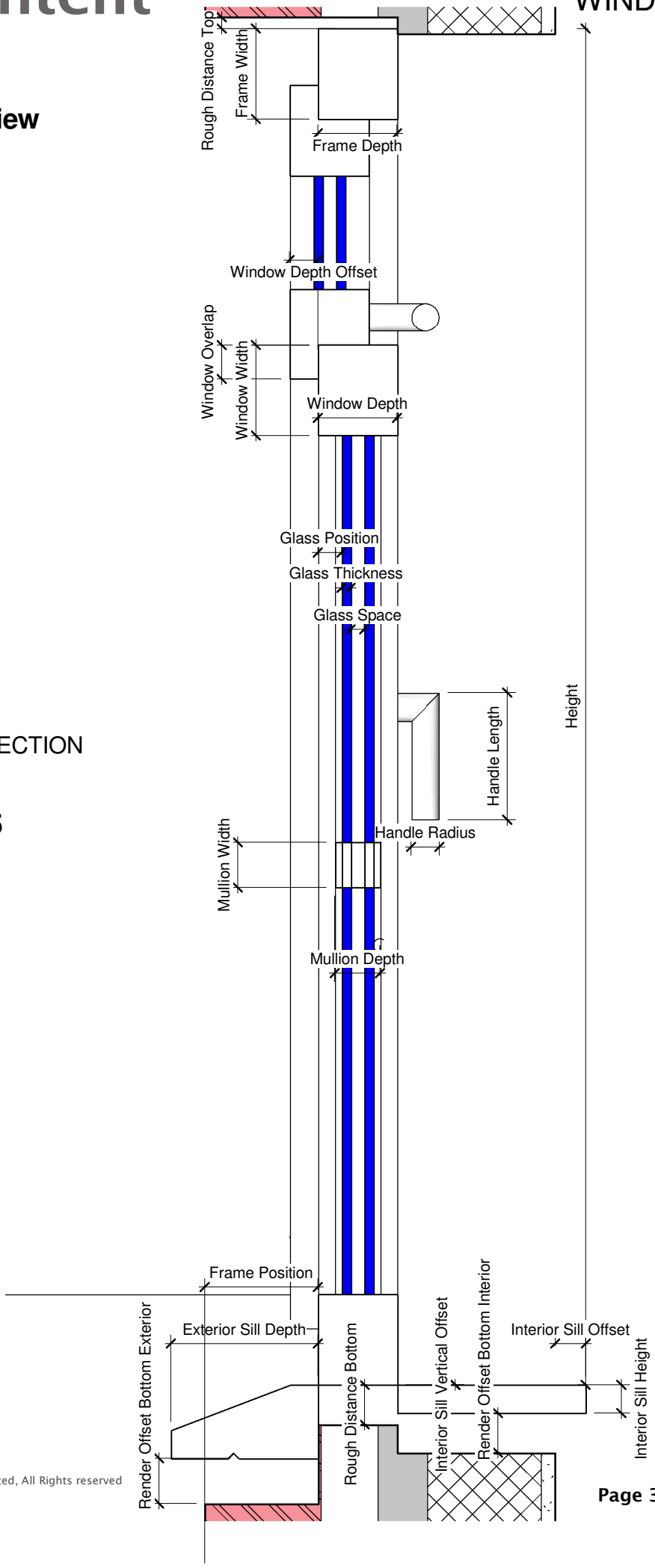
## Dimension Overview




DETAIL SECTION

**FIG 5**

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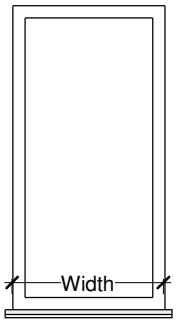
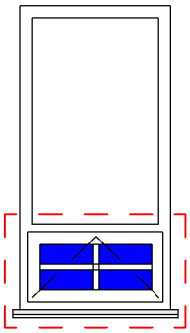
## VERTICAL SETUP




| W1 | W2 | W3 | W4 | W5 |
|---|---|---|---|---|
| Visibility | | | | |
| ☐ | ☐ | ☐ | ☐ | ☐ |
| Height % | | | | |
| 0 | 0 | 0 | 0 | 0 |
| Width % | | | | |
| 0 | 0 | 0 | 0 | 0 |
| Position Horizontal | | | | |
| 0 | 0 | 0 | 0 | 0 |
| Position Vertical | | | | |
| 0 | 0 | 0 | 0 | 0 |
| Offset Horizontal | | | | |
| 0 | 0 | 0 | 0 | 0 |
| Offset Vertical | | | | |
| 0 | 0 | 0 | 0 | 0 |



**W1**

(1) Visibility ☑

(2) Height %

25

(3) Width %

100

(4) Position Horizontal

0

(5) Position Vertical

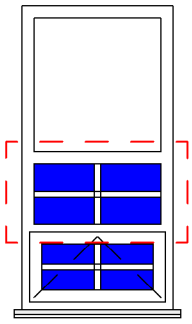
0

(6) Offset Horizontal

0

(7) Offset Vertical

0



**W2**

(1) Visibility ☑

(2) Height %

25

(3) Width %

100

(4) Position Horizontal

0

(5) Position Vertical

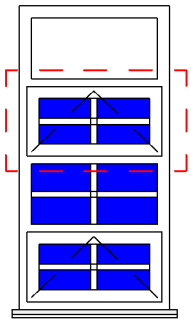
0

(6) Offset Horizontal

0

(7) Offset Vertical

25



**W3**

(1) Visibility ☑

(2) Height %

25

(3) Width %

100

(4) Position Horizontal

0

(5) Position Vertical

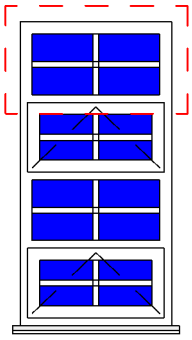
1

(6) Offset Horizontal

0

(7) Offset Vertical

25



**W4**

(1) Visibility ☑

(2) Height %

25

(3) Width %

100

(4) Position Horizontal

0

(5) Position Vertical

1

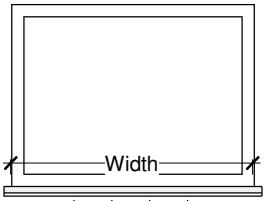
(6) Offset Horizontal

0

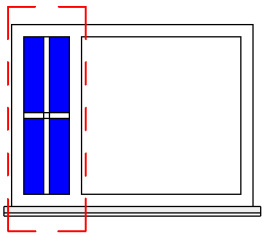
(7) Offset Vertical

0

## HORIZONTAL SETUP




| W1 | W2 | W3 | W4 | W5 |
|---|---|---|---|---|
| Visibility | | | | |
| ☐ | ☐ | ☐ | ☐ | ☐ |
| Height % | | | | |
| 0 | 0 | 0 | 0 | 0 |
| Width % | | | | |
| 0 | 0 | 0 | 0 | 0 |
| Position Horizontal | | | | |
| 0 | 0 | 0 | 0 | 0 |
| Position Vertical | | | | |
| 0 | 0 | 0 | 0 | 0 |
| Offset Horizontal | | | | |
| 0 | 0 | 0 | 0 | 0 |
| Offset Vertical | | | | |
| 0 | 0 | 0 | 0 | 0 |



**W1**

(1) Visibility ☑

(2) Height %

100

(3) Width %

25

(4) Position Horizontal

0

(5) Position Vertical

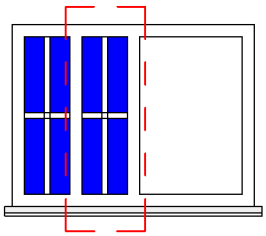
0

(6) Offset Horizontal

0

(7) Offset Vertical

0



**W2**

(1) Visibility ☑

(2) Height %

100

(3) Width %

25

(4) Position Horizontal

0

(5) Position Vertical

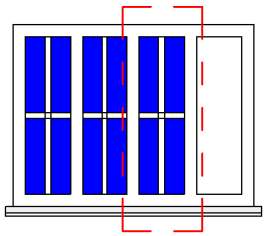
0

(6) Offset Horizontal

25

(7) Offset Vertical

0



**W3**

(1) Visibility ☑

(2) Height %

100

(3) Width %

25

(4) Position Horizontal

1

(5) Position Vertical

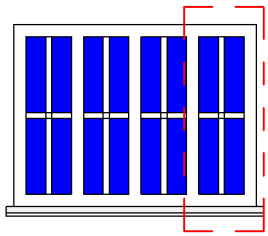
0

(6) Offset Horizontal

25

(7) Offset Vertical

0



**W4**

(1) Visibility ☑

(2) Height %

100

(3) Width %

25

(4) Position Horizontal

1

(5) Position Vertical

0

(6) Offset Horizontal

0

(7) Offset Vertical

0

**See Page 5 of 5 For Window Parameter Overviews**

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# Window Parameter Overviews

Visibility
This Parameter controls each window visibility for the fix or swing window.
There are 5 windows in (RFAM2310_Window - 5) and 10 windows in (RFAM2310_Window - 10).
Single or Multiple Windows can be switched on or off. See Page 4 of 5 Vertical Setup & Horizontal Setup.
This shows each stage of the window visibility and the setup. Once visibility is switched on, the parameters as explained below and shown on Page 4 of 5 needs to be adjusted for the correct position and proportion.

Height %
This Parameter controls the Height in percentage. See Page 4 of 5 Vertical Setup & Horizontal Setup.
To achieve a result of 4 windows as shown, W1 Height%,W2 Height%,W3 Height% and W4 Height% are set at 25% of the Height for the Vertical Setup and 100% of the Height for the Horizontal Setup. Once Height % parameters on each window are adjusted and the required window visibilities are switched on, the next steps are explained below and shown on Page 4 of 5 that need to be adjusted for the correct position and proportion.

Width%
This Parameter controls the Width in percentage. See Page 4 of 5 Vertical Setup and Horizontal Setup.
To achieve a result of 4 windows as shown, W1 Height%,W2 Height%,W3 Height% and W4 Height% are set at 100% of the Height for the Vertical Setup and 25% of the Height for the Horizontal Setup. Once Width % and Height % parameters on each window are adjusted and the required window visibilities are switched on, the next steps are explained below and shown on Page 4 of 5 that need to be adjusted for the correct position and proportion.

Position Horizontal
This Parameter controls the Horizontal position of each window. This is an integer parameter which only uses the value 0 and 1. If the value is set to 0, the window Width and the Horizontal offset is adjusted and positioned from the Left. If the value is set to 1, the window Width and the Horizontal offset is adjusted and positioned from the Right. See Page 4 of 5 Vertical Setup & Horizontal Setup. In the Horizontal Setup, W1 Position Horizontal is set to 0 which means the Width and the Horizontal position is adjusted from the Left. In the Horizontal Setup W4 Position is set to 1 which means the Width and the Horizontal position is adjusted from the Right.
Note: The Vertical Setup is set to 0.

Position Vertical
This Parameter controls the Vertical position of each window. This is an integer parameter which only uses the value 0 and 1. If the value is set to 0, the window Height & the Vertical offset is adjusted and positioned from the Bottom. If the value is set to 1, the window Height and the Vertical offset is adjusted and positioned from the Top. See Page 4 of 5 Vertical Setup and Horizontal Setup. In the Vertical Setup, W1 Position Vertical is set to 0 which means the Height and the Vertical position is adjusted from the Bottom. In the Vertical Setup W4 Position is set to 1 which means the Height and the Vertical position is adjusted from the Top.
Note: The Horizontal Setup is set to 0.

Offset Horizontal
This Parameter controls the Horizontal offset of each window. This is a percentage parameter similar to the Height% and Width%. See Page 4 of 5 Vertical Setup and Horizontal Setup. Width% values for the Horizontal Setup are set to 25%, W2 Offset Horizontal is positioned from the Left, and W3 Offset Horizontal is positioned from the Right; simply add the same value as the Width%. The W2 window offsets from W1 and sits at the side of W1 window, and the W3 window sits at the side of W4. If this value is 0 the windows W2 and W3 will overlap W1 and W4
Note: The Vertical Setup is set to 0.

Offset Vertical
This Parameter controls the Vertical offset of each window. This is a percentage parameter similar to the Height% and Width%. See Page 4 of 5 Vertical Setup and Horizontal Setup. Width% values for the Vertical Setup are set to 25%, W2 Offset Vertical is positioned from the Bottom, and W3 Offset Horizontal is positioned from the Top; simply add the same value as the Height%. The W2 window offsets from W1 and sits at the Top of W1 window, and the W3 window sits at the Bottom of W4. If this value is 0 the windows W2 and W3 will overlap W1 and W4
Note: The Vertical Setup is set to 0.

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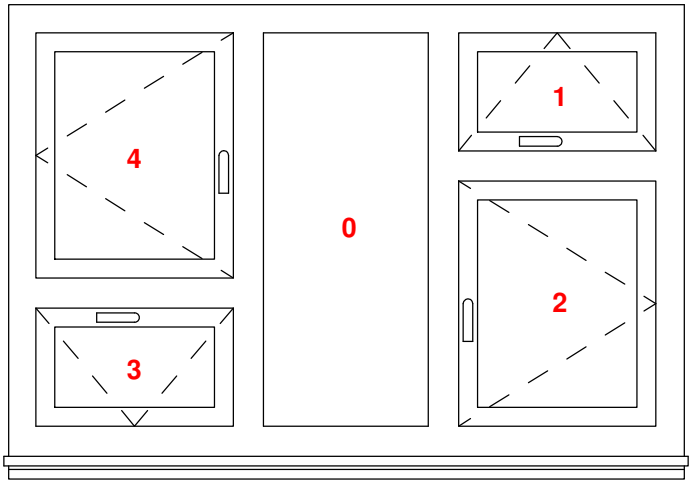
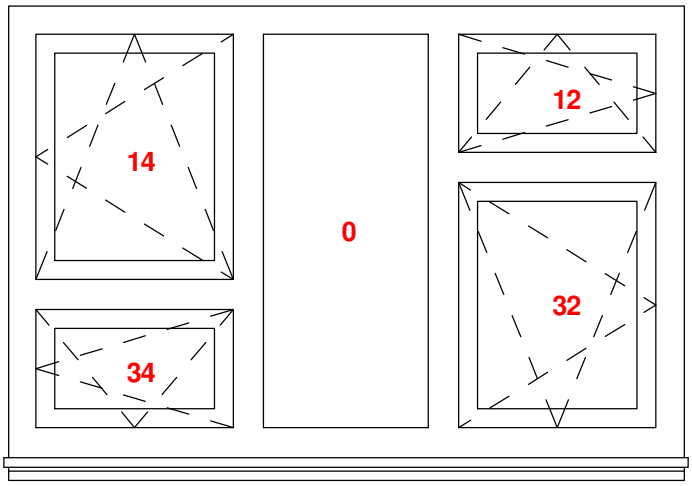
## OPENING SWINGS

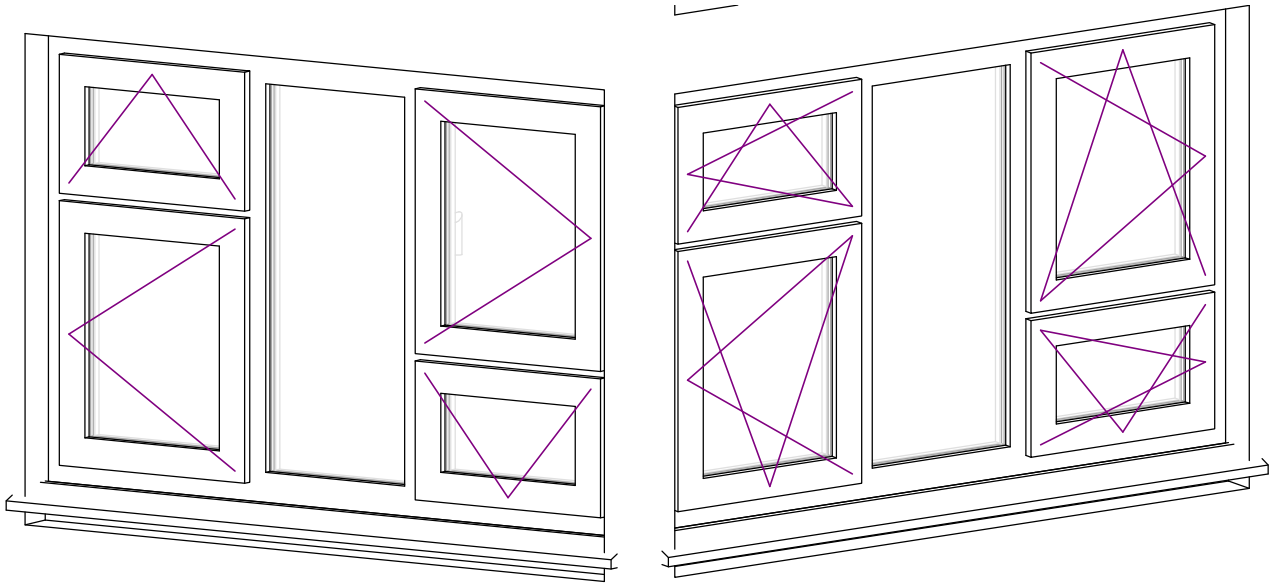



Opening Swing
This Parameter controls each fix or swing window.

- **0** FIX
- **1** TOP
- **2** LEFT
- **3** BOTTOM
- **4** RIGHT
- **12** TOP RIGHT
- **32** BOTOM RIGHT
- **34** BOTTOM RIGHT
- **14** TOP LEFT




DETAILS OF SYMBOL LINES



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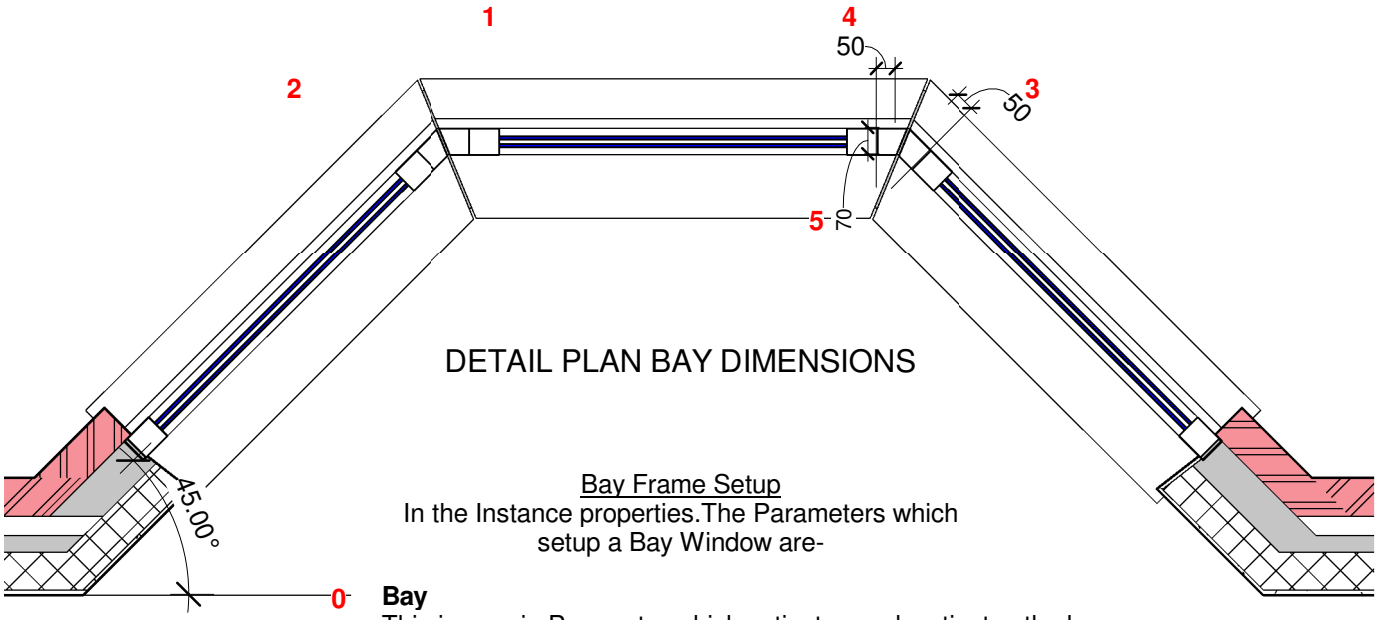
# MITERED FRAMES




DETAIL PLAN BAY DIMENSIONS

Bay Frame Setup
In the Instance properties.The Parameters which setup a Bay Window are-

0 **Bay**
This is a main Parameter which activates or deactivates the bay window functionality. If this parameter is activated, the frame will miter according to the values set in the instance parameters. If deactivated, the miters will set to a standard frame with zero degrees angle

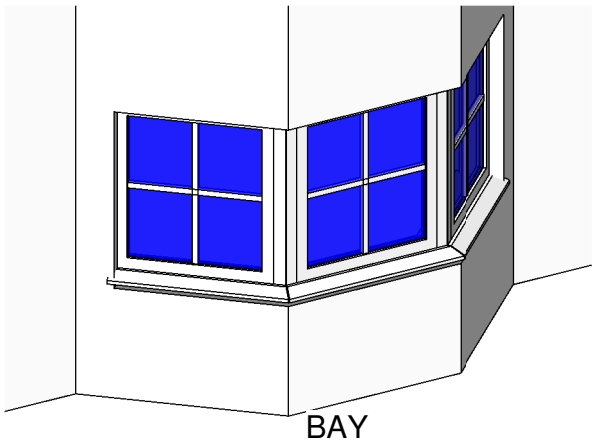
1 **Bay Frame Miter Left Angle**
Controls the angle of the Left mitered edge when the Bay parameter is activated

2 **Bay Frame Miter Right Angle**
Controls the angle of the Right mitered edge when the Bay parameter is activated

3 **Bay Frame Left Interior Post Width**
Controls the width of the left interior mitered edge when the Bay parameter is activated

4 **Bay Frame Right Interior Post Width**
Controls the width of the right interior mitered edge when the Bay parameter is activated

5 **Bay Frame Post Depth**
Controls the depth of the left and right mitered post when the Bay parameter is activated



BAY

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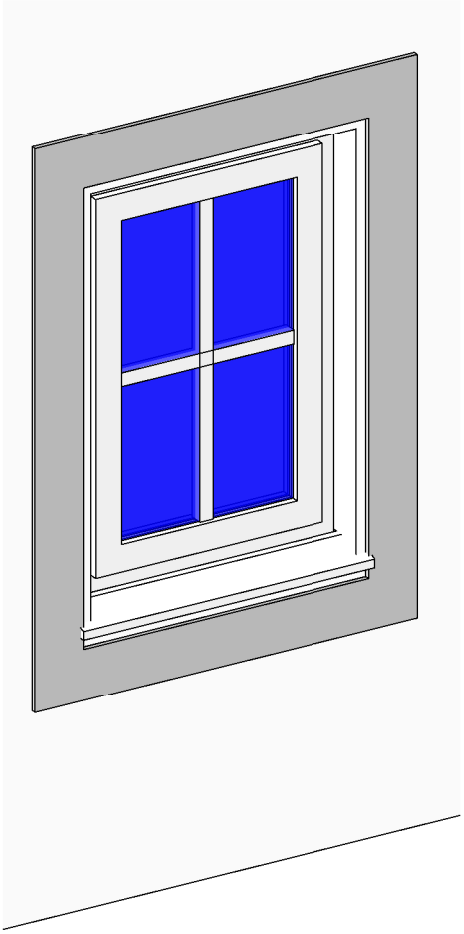
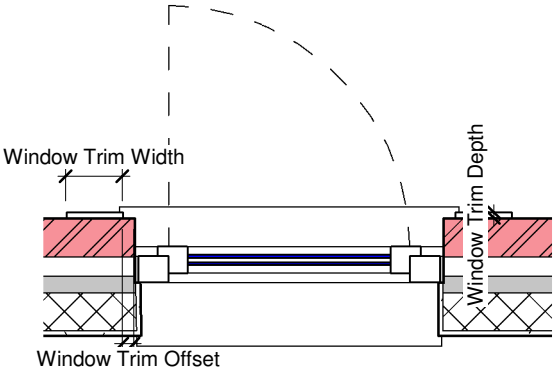
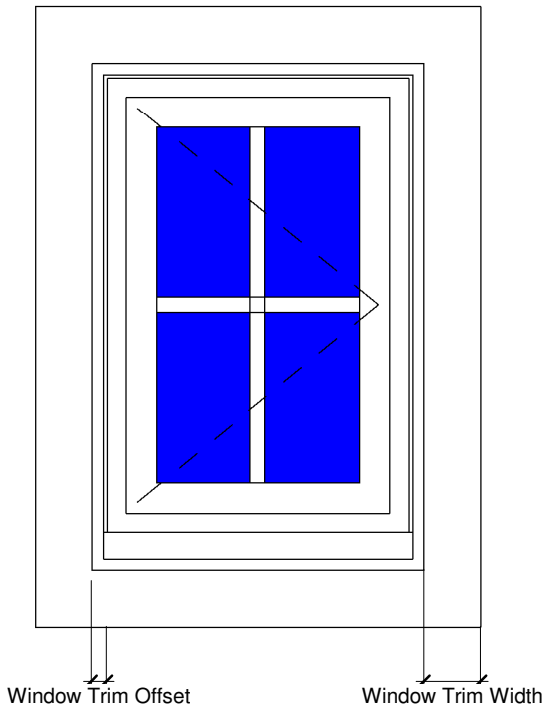
# WINDOW TRIM






In the Instance properties.The Parameter which activates the window trim is "Window Trim Visibility"
To adjust the trim in its width and thickness, you can adjust the parameters which are:-
Window Trim Width
Window Trim Depth
Window Trim Offset

These parameters can also be found in the instance parameters under Dimensions

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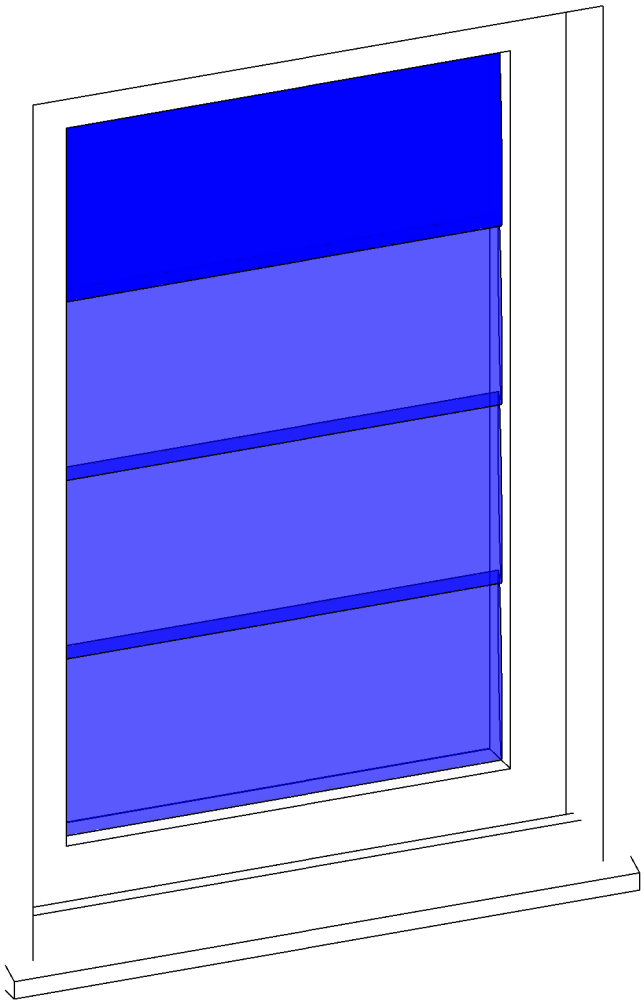
# LOUVERS

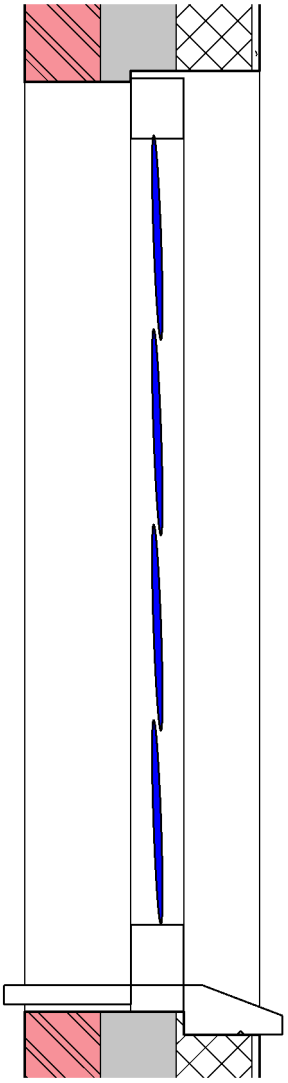
In the type properties under Graphics each window has a set of parameters which adjust the Louvers, which are "Louver Visibility" & "Louver Angle".

The general parameter which controls all Louvers in each window which is also in the type properties but are located under Dimensions is "Louver Thickness"

"Louver Visibility" checkbox.
once selected this will show louvers as shown in the images below. Please note to adjust the Louver Count adjust the parameter "Mullion horizontal count"
if "Louver Visibility" is unselected this will show horizontal mullions if the count is more than zero.

"Louver Angle" parameter allows you to adjust the angle of the Louvers in each window setup





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