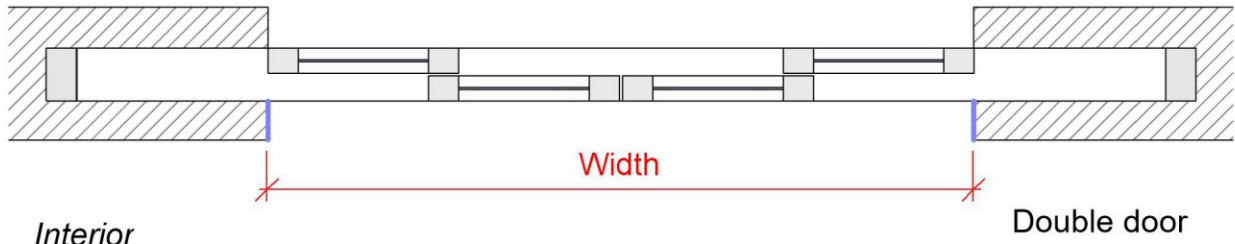
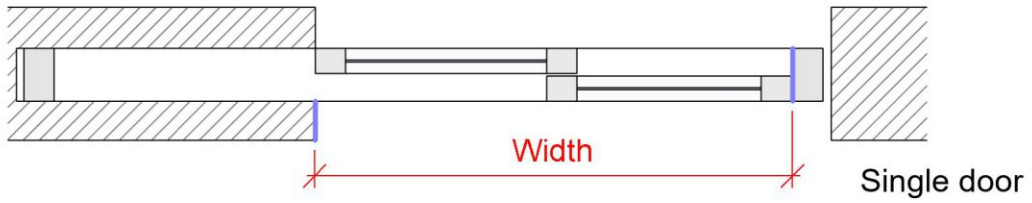
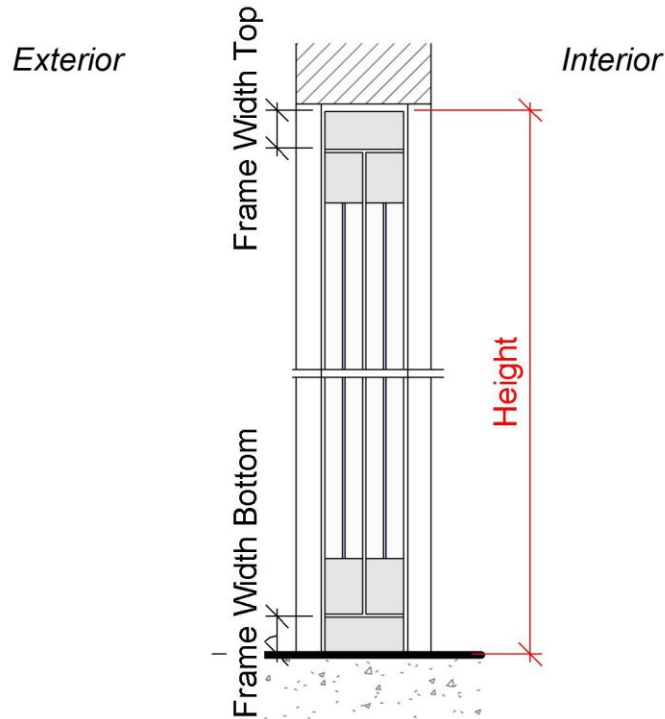


Nº	Parameters	Door Type	Page	Parameter Type
Constraints				
1	Frame Corner Void Angle Flip Right	Single	6,7	Yes/No - Type
2	Opening Lines	Single / Double	14	Yes/No - Type
3	Panel Count	Single / Double	8	Integer - Type
4	Panel Glazing Bar Count Horizontal	Single / Double	11	Integer - Type
5	Panel Glazing Bar Count Vertical	Single / Double	11	Integer - Type
6	Panel Glazing Bars Locked Bottom	Single / Double	11	Yes/No - Type
7	Panel Glazing Bars Locked Top	Single / Double	11	Yes/No - Type
8	Panels Interior	Single / Double	9	Yes/No - Type
Dimensions				
9	Width	Single / Double	1	Length - Type
10	Height	Single / Double	1	Length - Type
11	Cavity Closer Depth	Single / Double	4	Length - Type
12	Cavity Closer Offset from Exterior	Single / Double	4	Length - Type
13	Cavity Closer Width	Single / Double	4	Length - Type
14	Frame Corner Void Angle Right	Single	6,7	Angle - Type
15	Frame Position from Center	Single / Double	5	Length - Type
16	Frame UnderCut	Single / Double	5	Length - Type
17	Frame Width Bottom	Single / Double	5	Length - Type
18	Frame Width Left	Single / Double	5	Length - Type
19	Frame Width Right	Single / Double	5	Length - Type
20	Frame Width Top	Single / Double	5	Length - Type
21	Opening Void Offset Exterior	Single / Double	1	Length - Type
22	Opening Void Offset Interior	Single / Double	1	Length - Type
23	Panel Frame Width Bottom	Single / Double	8	Length - Type
24	Panel Frame Width Sides	Single / Double	8	Length - Type
25	Panel Frame Width Top	Single / Double	8	Length - Type
26	Panel Glass Thickness	Single / Double	8	Length - Type
27	Panel Glazing Bar Depth	Single / Double	11	Length - Type
28	Panel Glazing Bar Width	Single / Double	11	Length - Type
29	Panel Glazing Bars Total Height	Single / Double	11	Length - Type
30	Panel Overlap	Single / Double	10	Length - Type
31	Panel Opening Offset	Single / Double	10	Length - Type
32	Panel Start Inset	Single	10	Length - Type
33	Panel Spacing To Frame Top	Single / Double	10	Length - Type
34	Panel Spacing To Frame Bottom	Single / Double	10	Length - Type
35	Panel Spacing To Panel	Single / Double	10	Length - Type
36	Panel Spacing To Panel Between Sides	Double	10	Length - Type
37	Panel Thickness	Single / Double	8	Length - Type
38	Ramp Depth Exterior	Single / Double	12	Length - Type
39	Ramp Depth Interior	Single / Double	12	Length - Type
40	Render Offset Exterior Left	Single / Double	2	Length - Type
41	Render Offset Exterior Right	Single / Double	2	Length - Type
42	Render Offset Exterior Top	Single / Double	2	Length - Type
43	Render Offset Interior Left	Single / Double	2	Length - Type
44	Render Offset Interior Right	Single / Double	2	Length - Type
45	Render Offset Interior Top	Single / Double	2	Length - Type
46	Rough Distance Bottom	Single / Double	3	Length - Type
47	Rough Distance Left	Single / Double	3	Length - Type
48	Rough Distance Pocket Exterior	Single / Double	3	Length - Type
49	Rough Distance Pocket Interior	Single / Double	3	Length - Type
50	Rough Distance Right	Single / Double	3	Length - Type
51	Rough Distance Top	Single / Double	3	Length - Type
52	Symbol Line Arrow Offset	Single / Double	13	Length - Type
53	Threshold Depth	Single / Double	12	Length - Type
54	Threshold Height	Single / Double	12	Length - Type
55	Threshold Slope Height	Single / Double	12	Length - Type
56	Threshold Slope Offset	Single / Double	12	Length - Type
57	Threshold & Ramp Offset Left	Single / Double	12	Length - Type
58	Threshold & Ramp Offset Right	Single / Double	13	Length - Type
General				
62	Panel Opening %	Single / Double	9	Integer - Type
63	Panel Family<Doors>	Single / Double	9	Family Type - Type
Visibility				
64	Cavity Closer Visibility Left	Single / Double	4	Yes/No - Type
65	Cavity Closer Visibility Right	Single / Double	4	Yes/No - Type
66	Cavity Closer Visibility Top	Single / Double	4	Yes/No - Type
67	Cavity Closer Visibility Bottom	Single / Double	4	Yes/No - Type
68	Ramp Visibility Exterior	Single / Double	12	Yes/No - Type
69	Ramp Visibility Interior	Single / Double	12	Yes/No - Type
70	Render Offset Visibility	Single / Double	2	Yes/No - Type
71	Rough Distance Visibility	Single / Double	3	Yes/No - Type
72	Threshold Visibility	Single / Double	12	Yes/No - Type
Shared Parameters				
71	.Door Panel Thickness	Single / Double		Length - Type
72	.Frame Depth	Single / Double		Length - Type
73	.Glass Area With Glazing Bar	Single / Double	15	Area - Type
74	.Glass Area Without Glazing Bar	Single / Double	15	Area - Type
75	.Opening Area	Single / Double	15	Area - Type
76	.Panel Double Glazing	Single / Double		Yes/No - Type
77	.Rough Height	Single / Double		Length - Type
78	.Rough Width	Single / Double		Length - Type

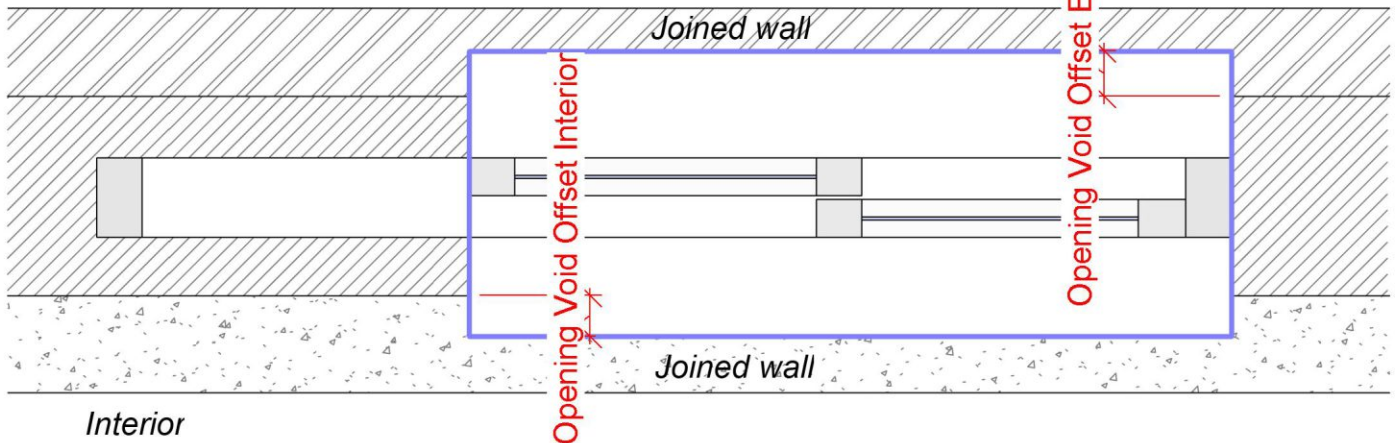
Exterior

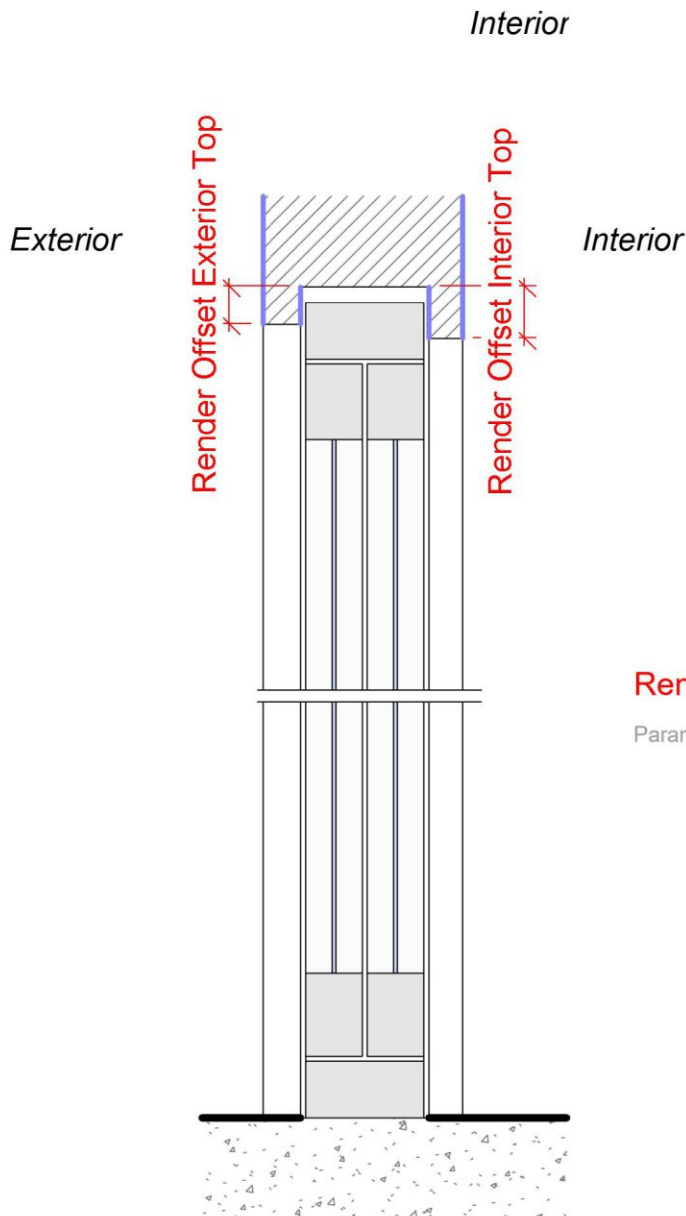
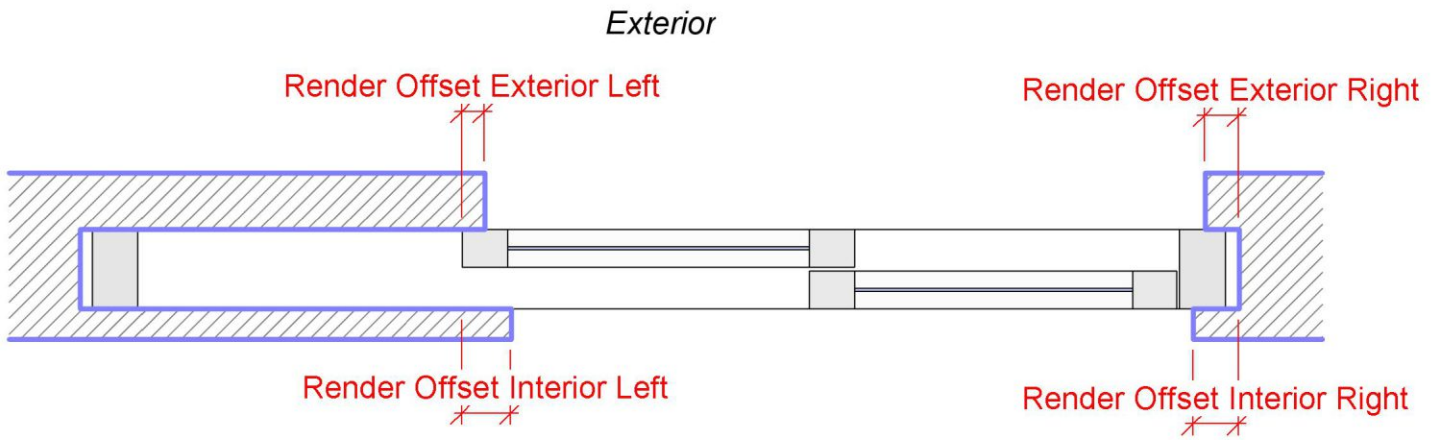


Interior



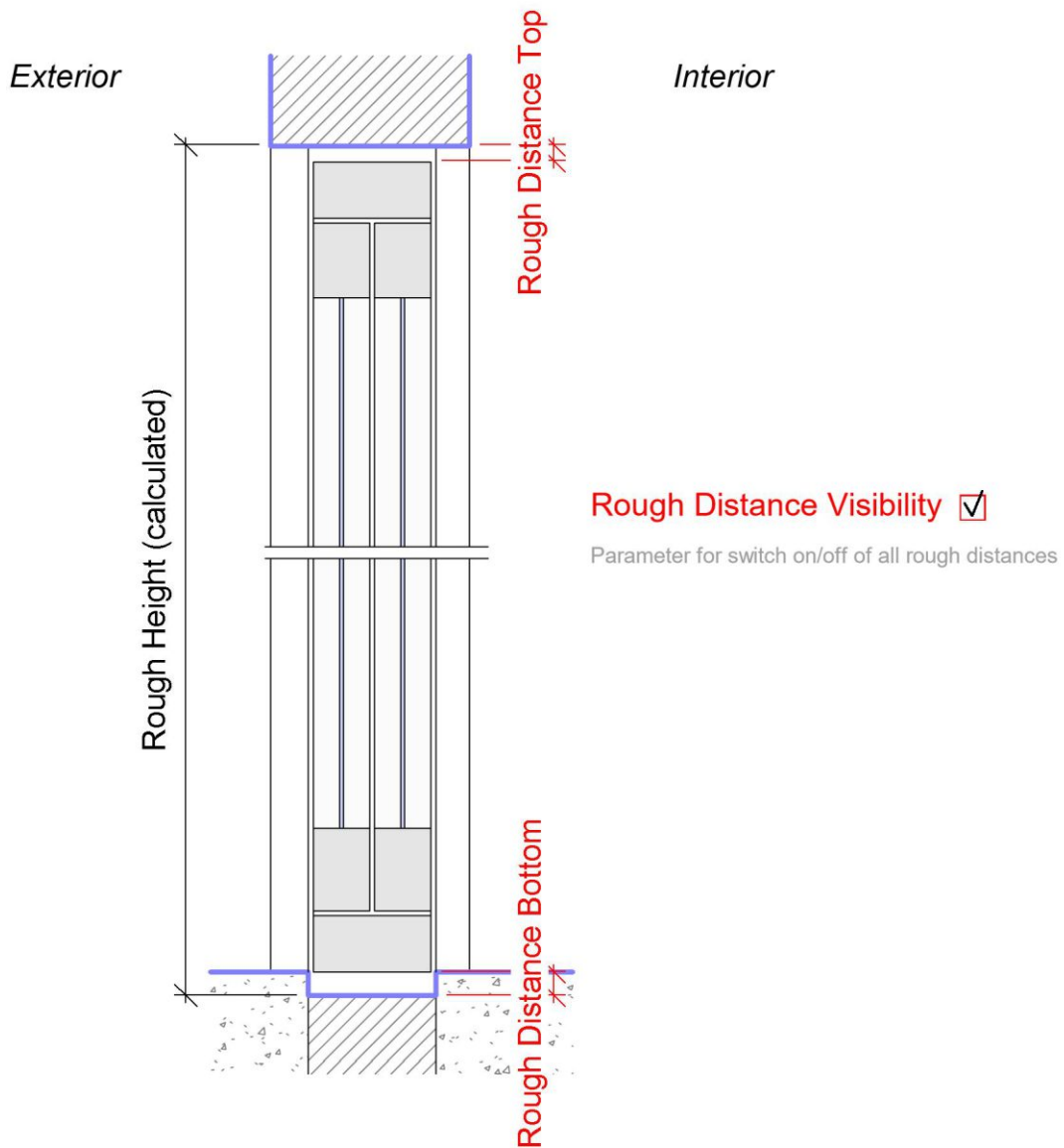
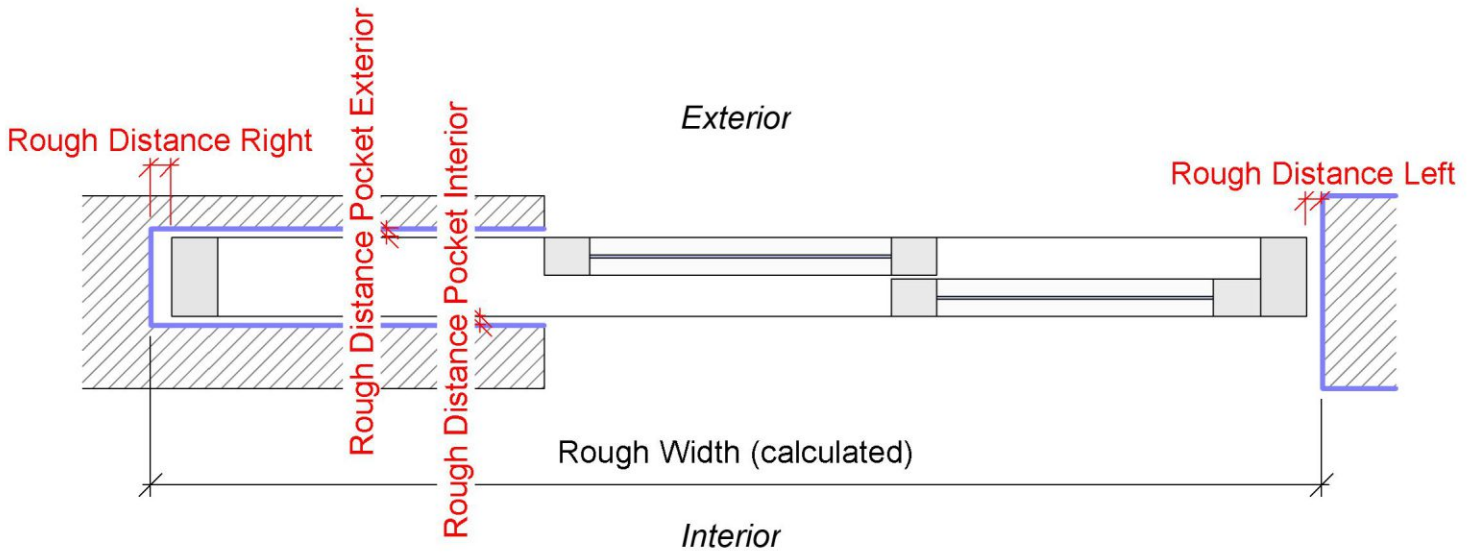
Exterior

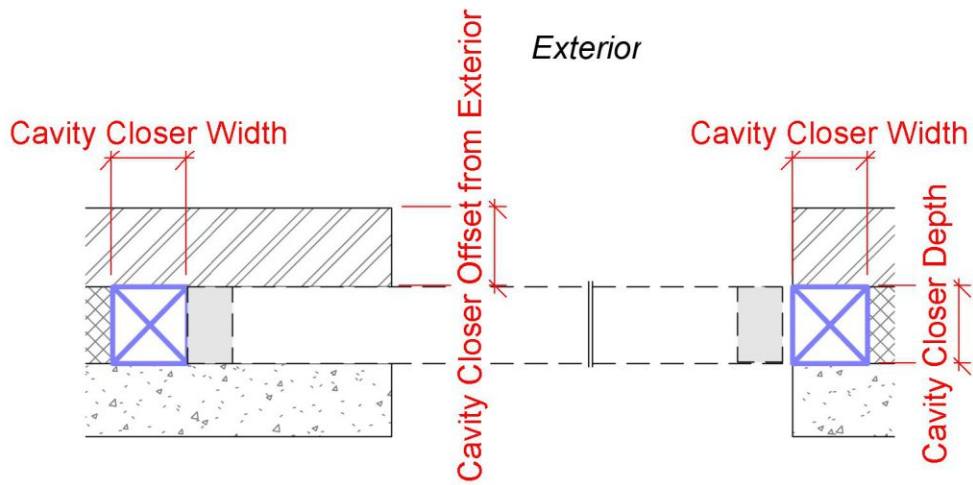




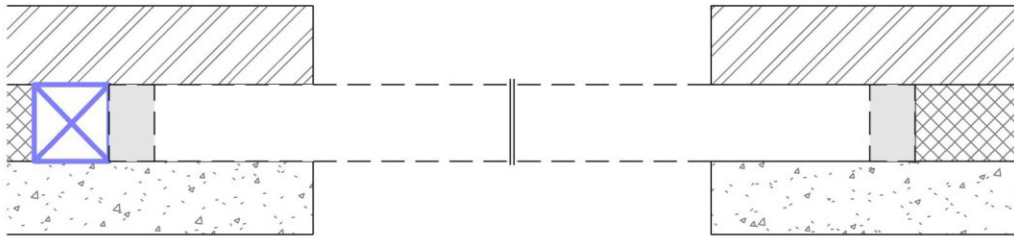
Render Offset Visibility

Parameter for switch on/off of all render offsets





Cavity Closer Visibility Left



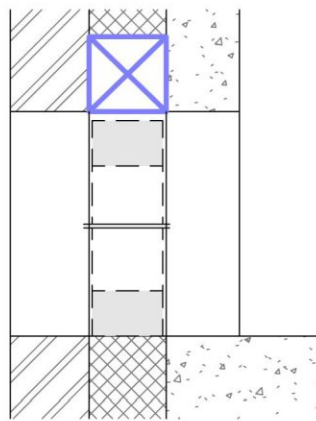
Cavity Closer Visibility Right

Interior

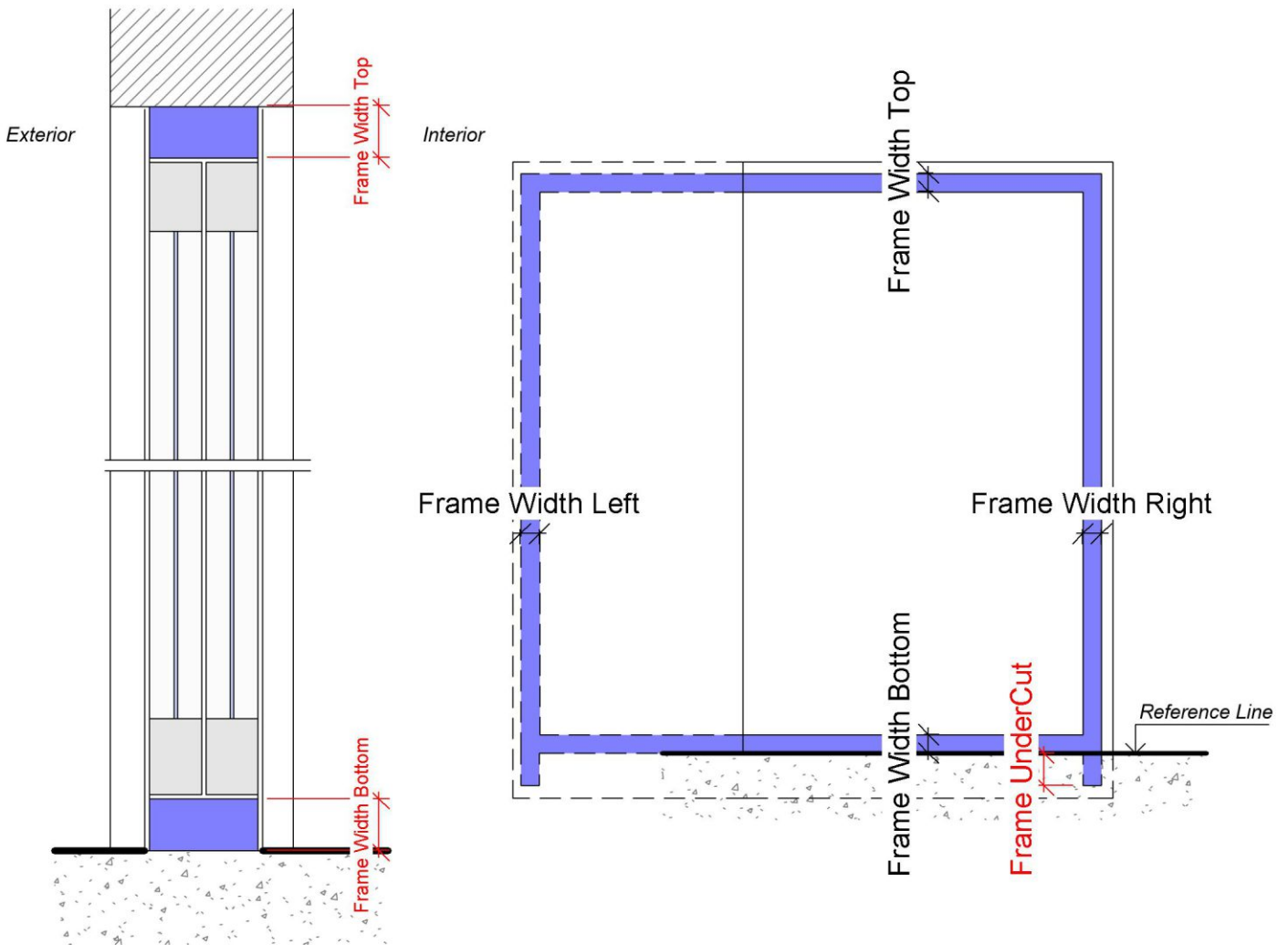
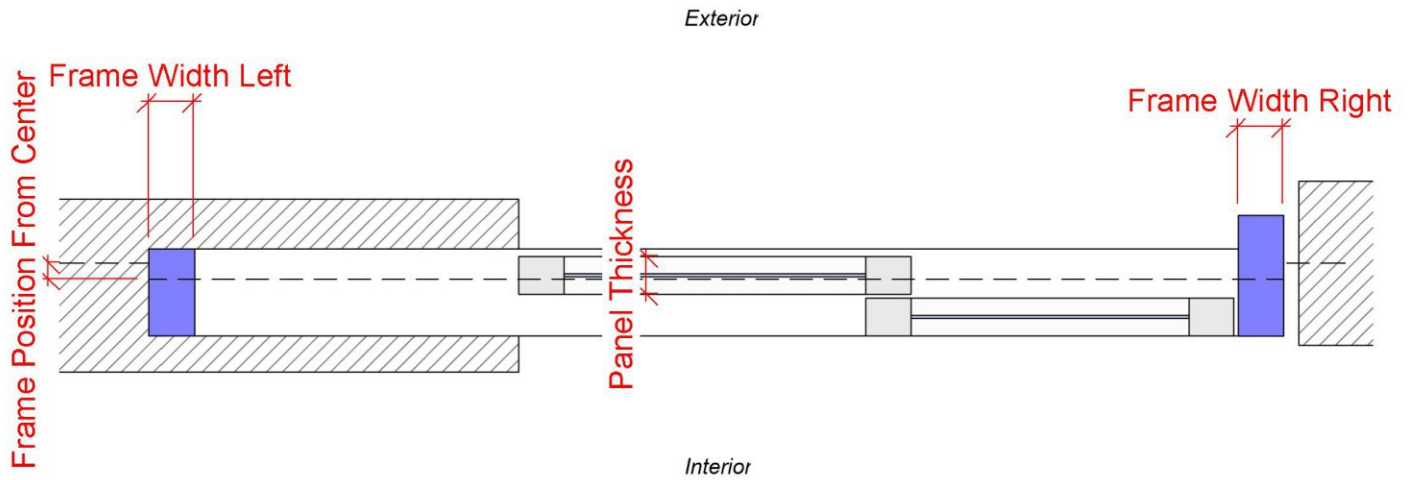
Cavity Closer Visibility Top

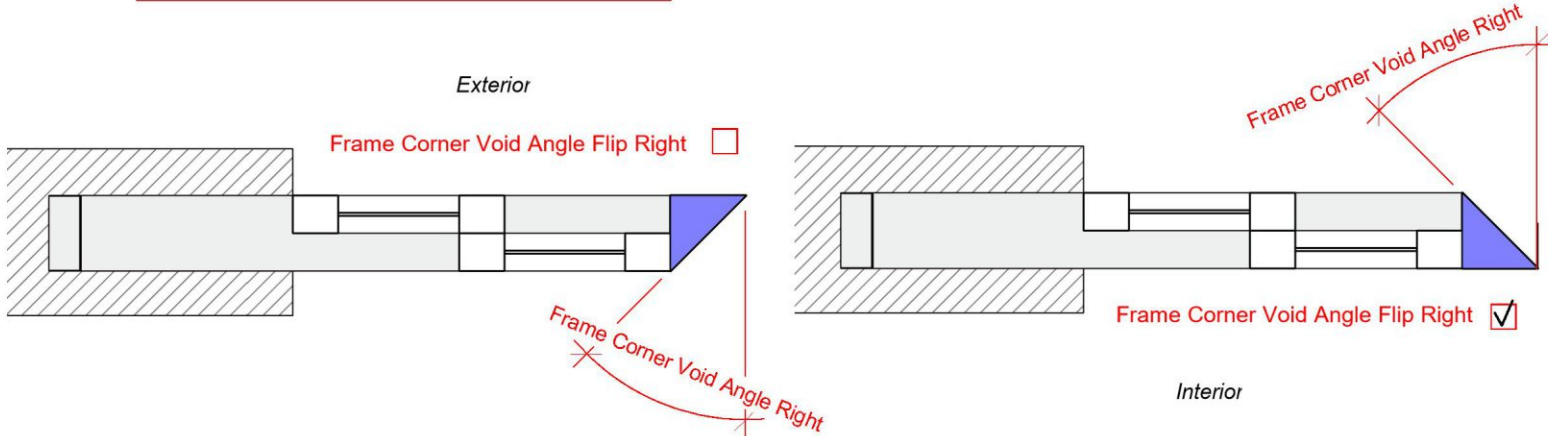
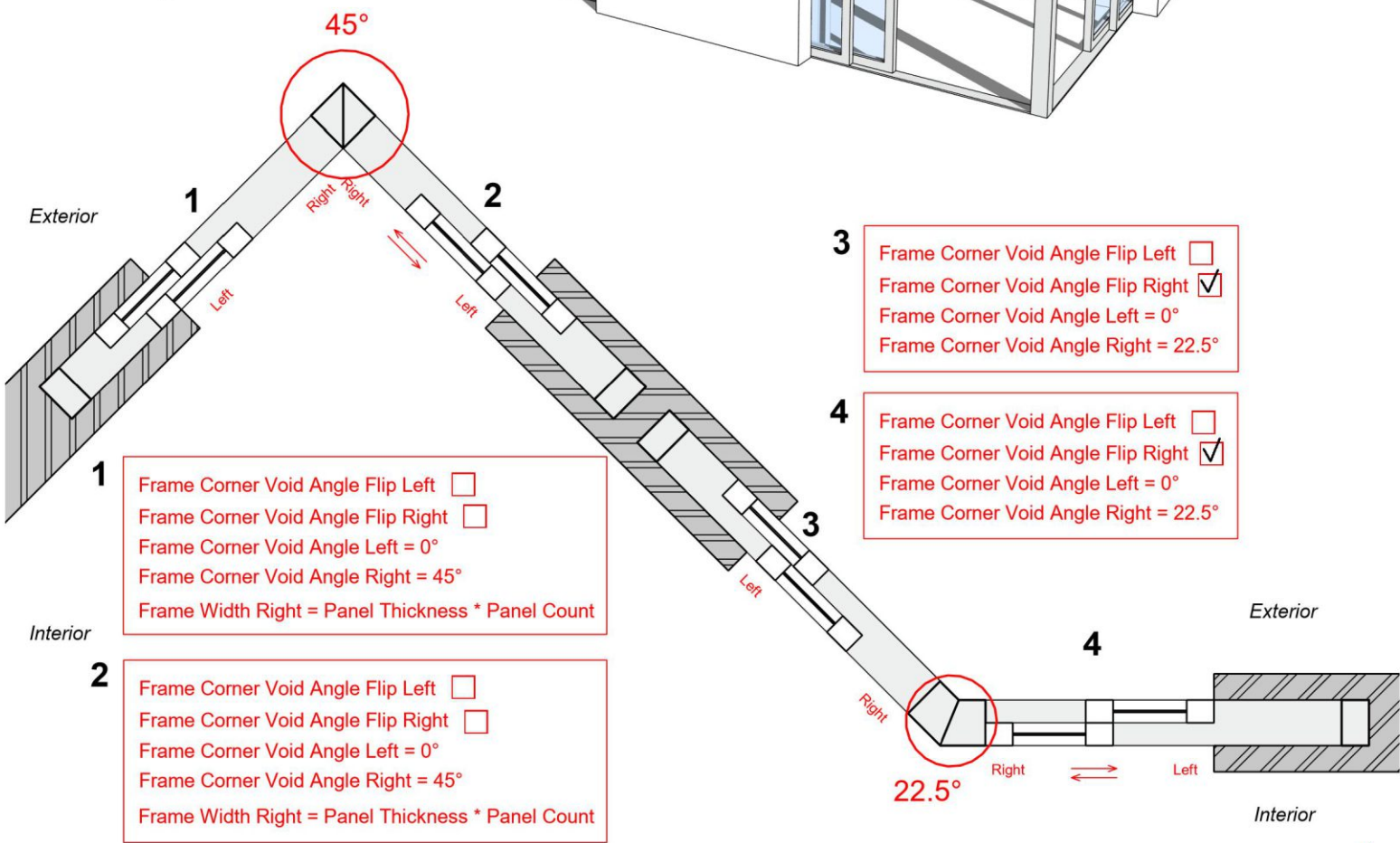
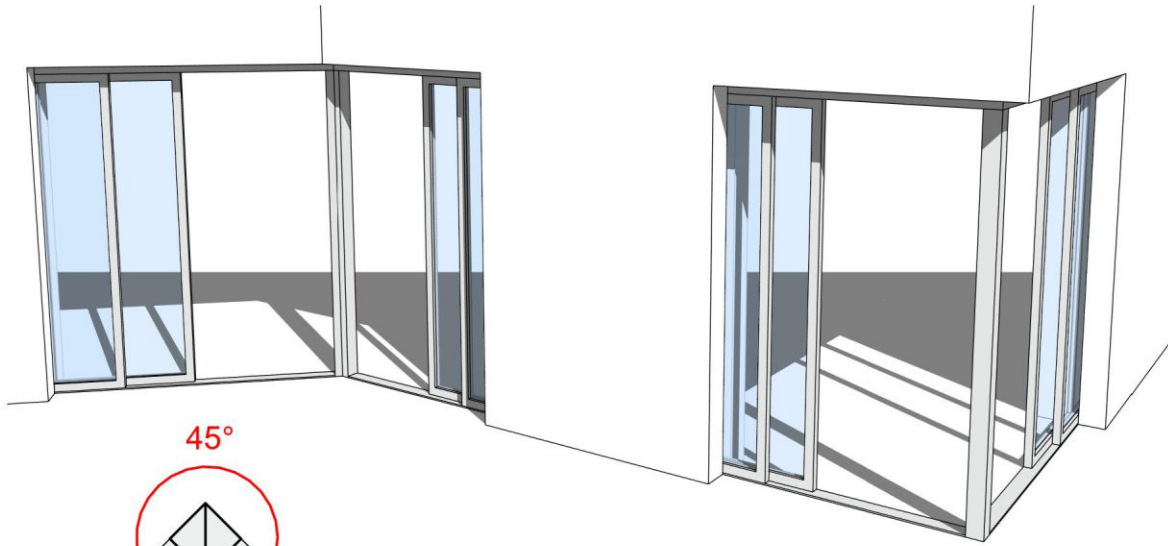
Exterior

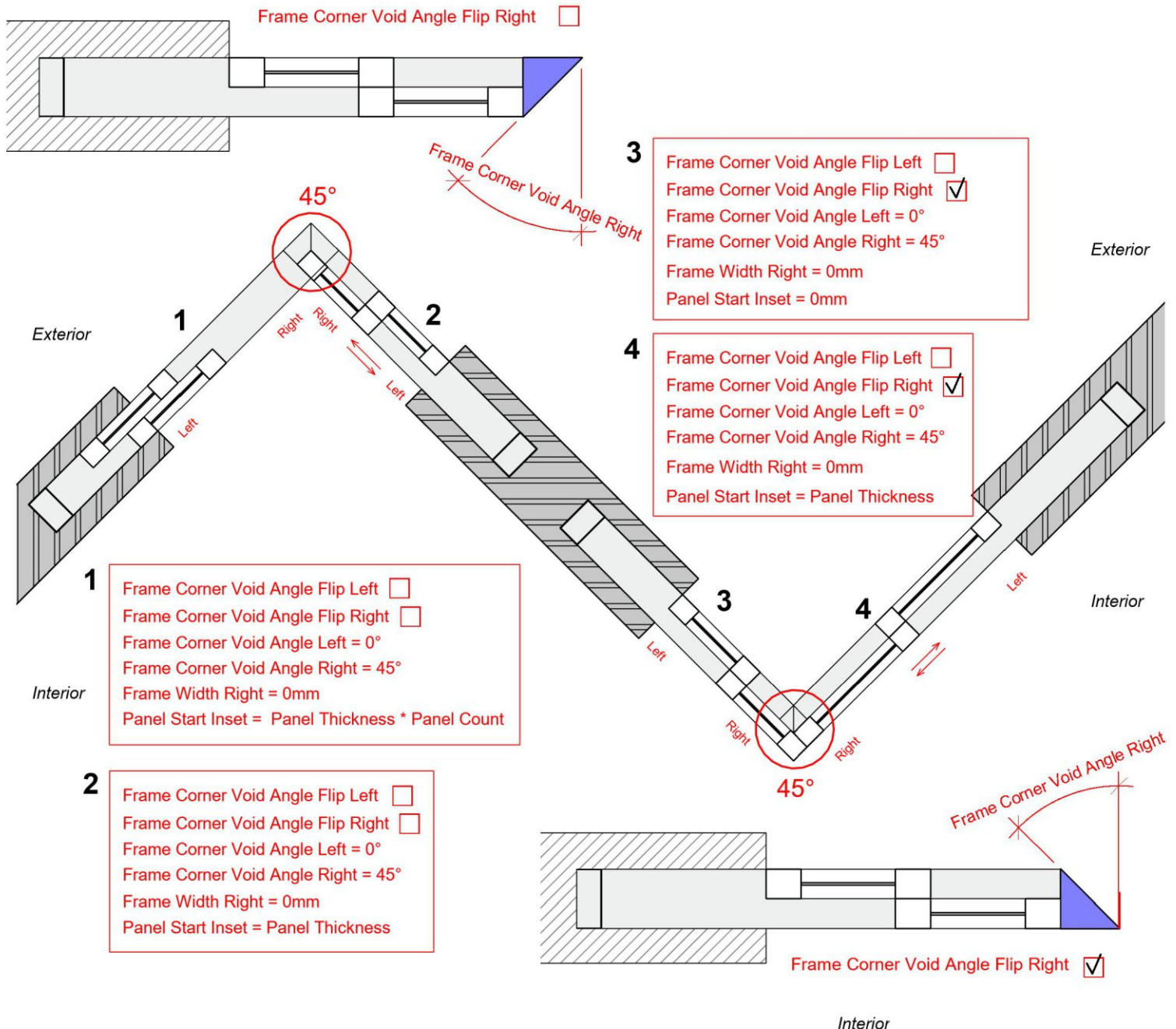
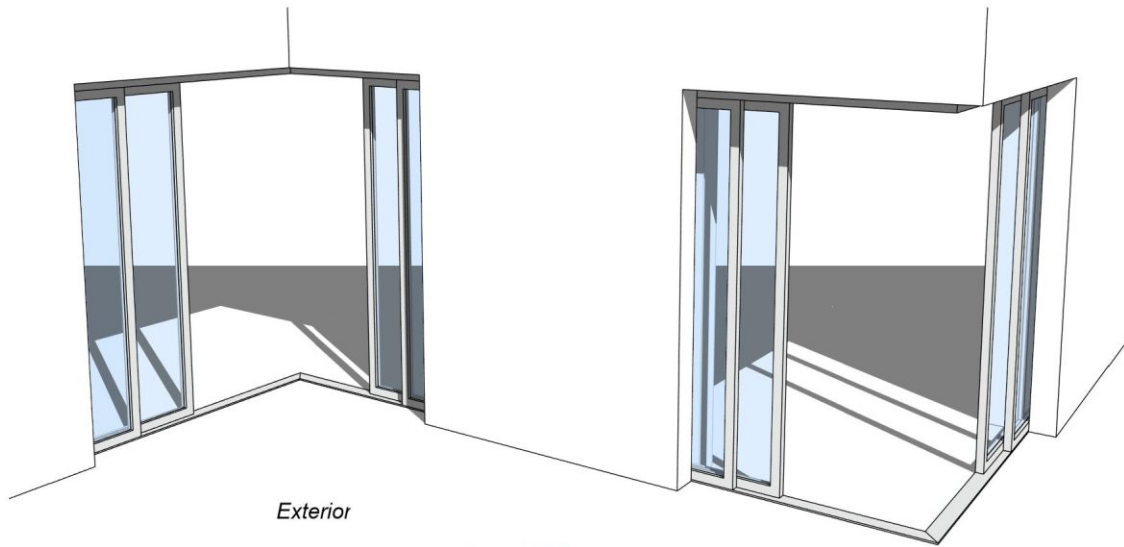
Interior

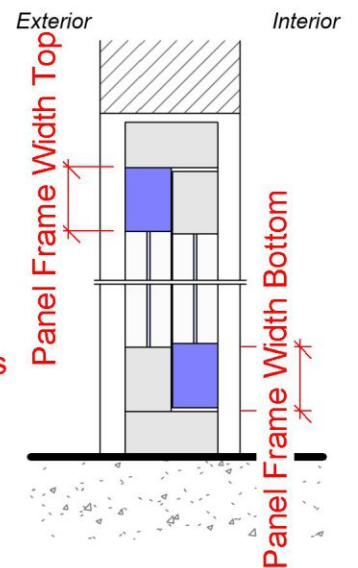
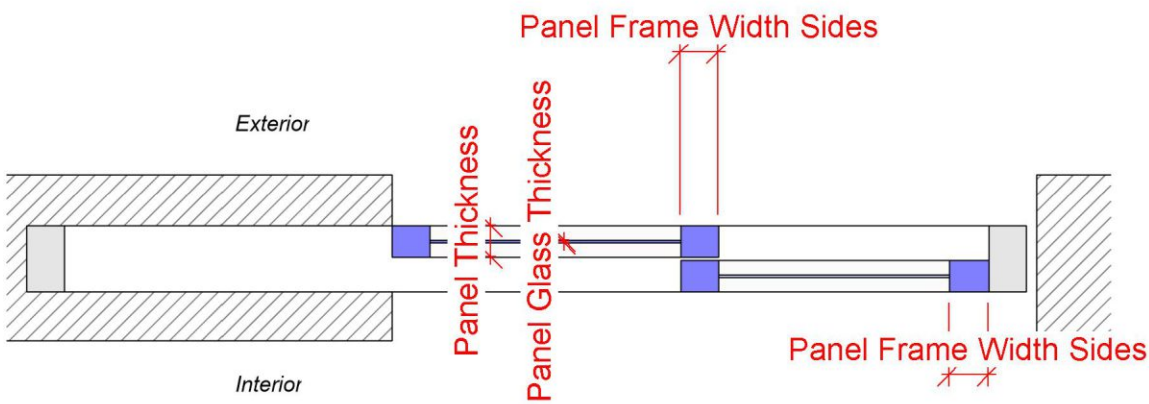
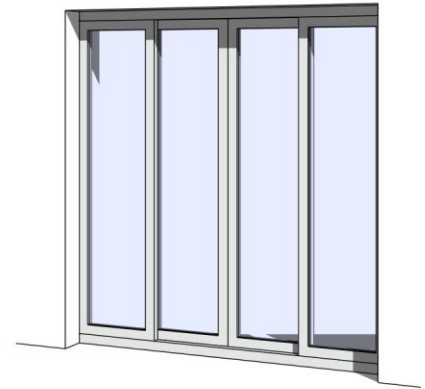
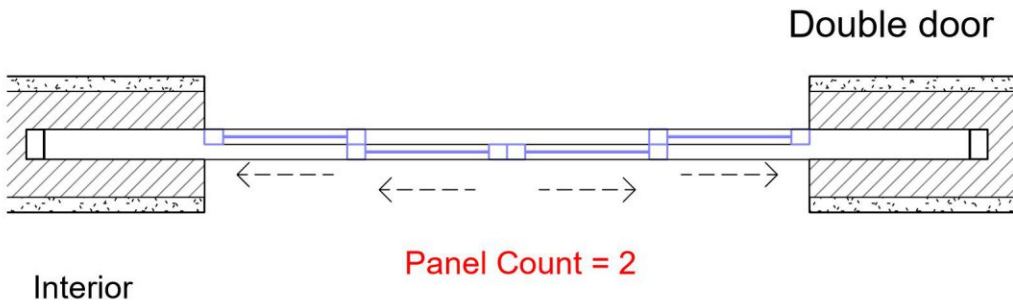
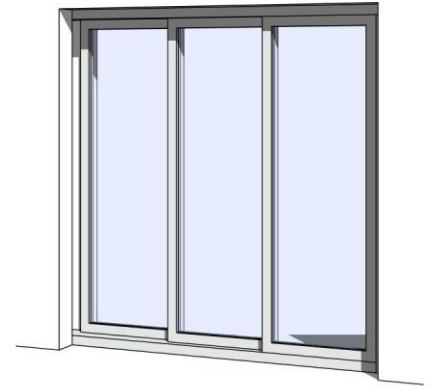
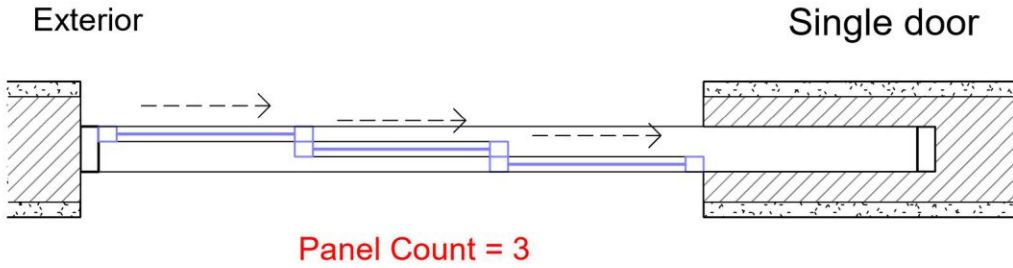


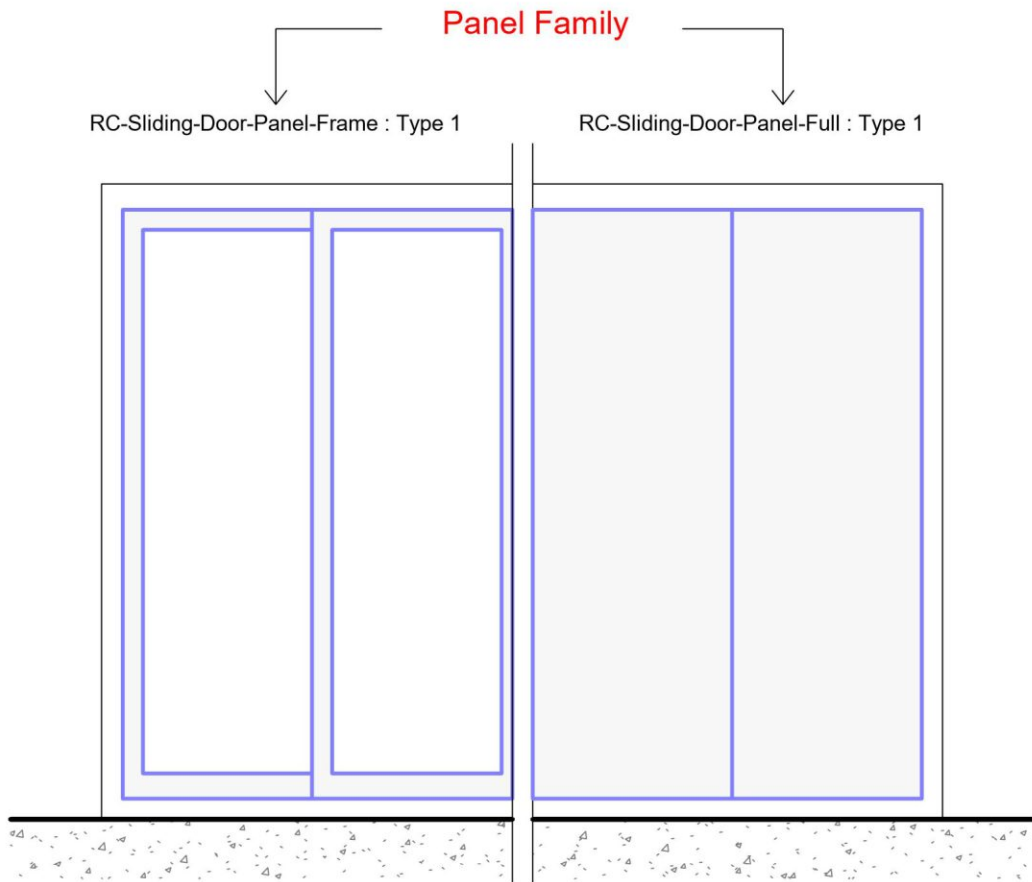
Cavity Closer Visibility Bottom



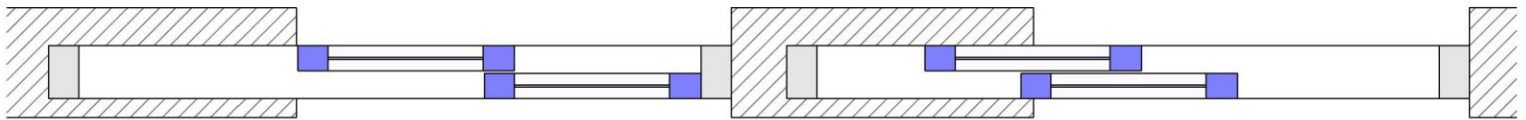






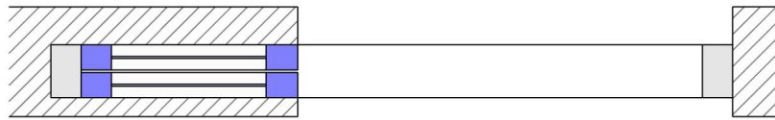


Exterior

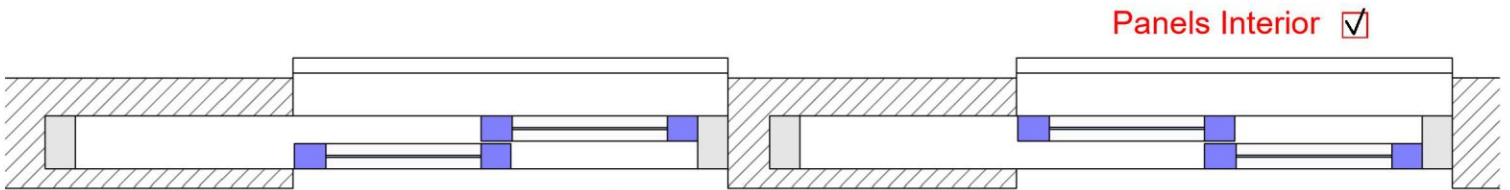


Panel Opening % = 0%

Panel Opening % = 50%



Panel Opening % = 100%

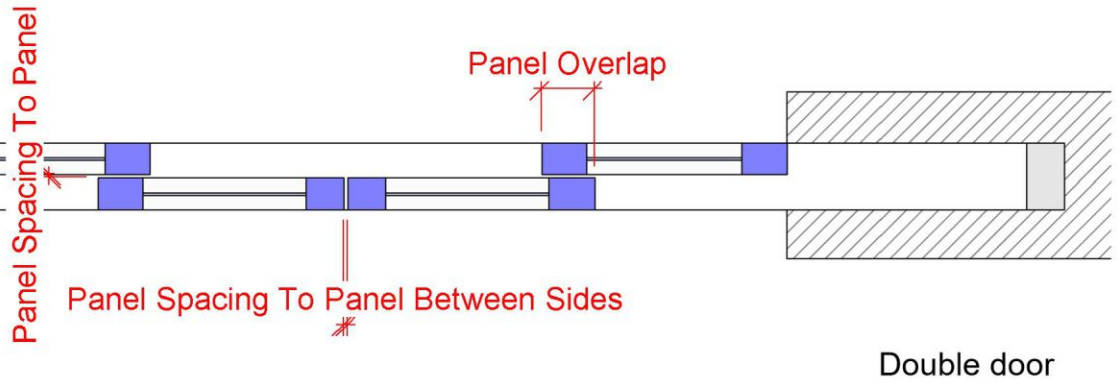
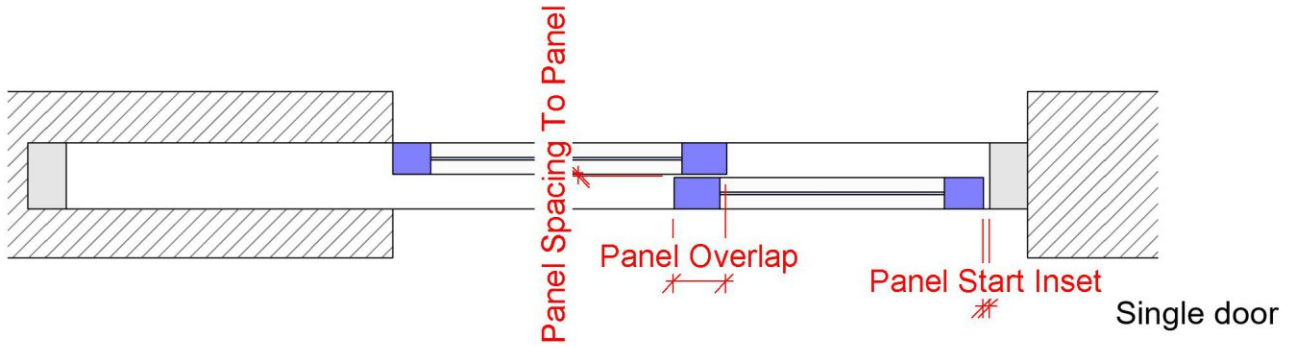


Panels Interior

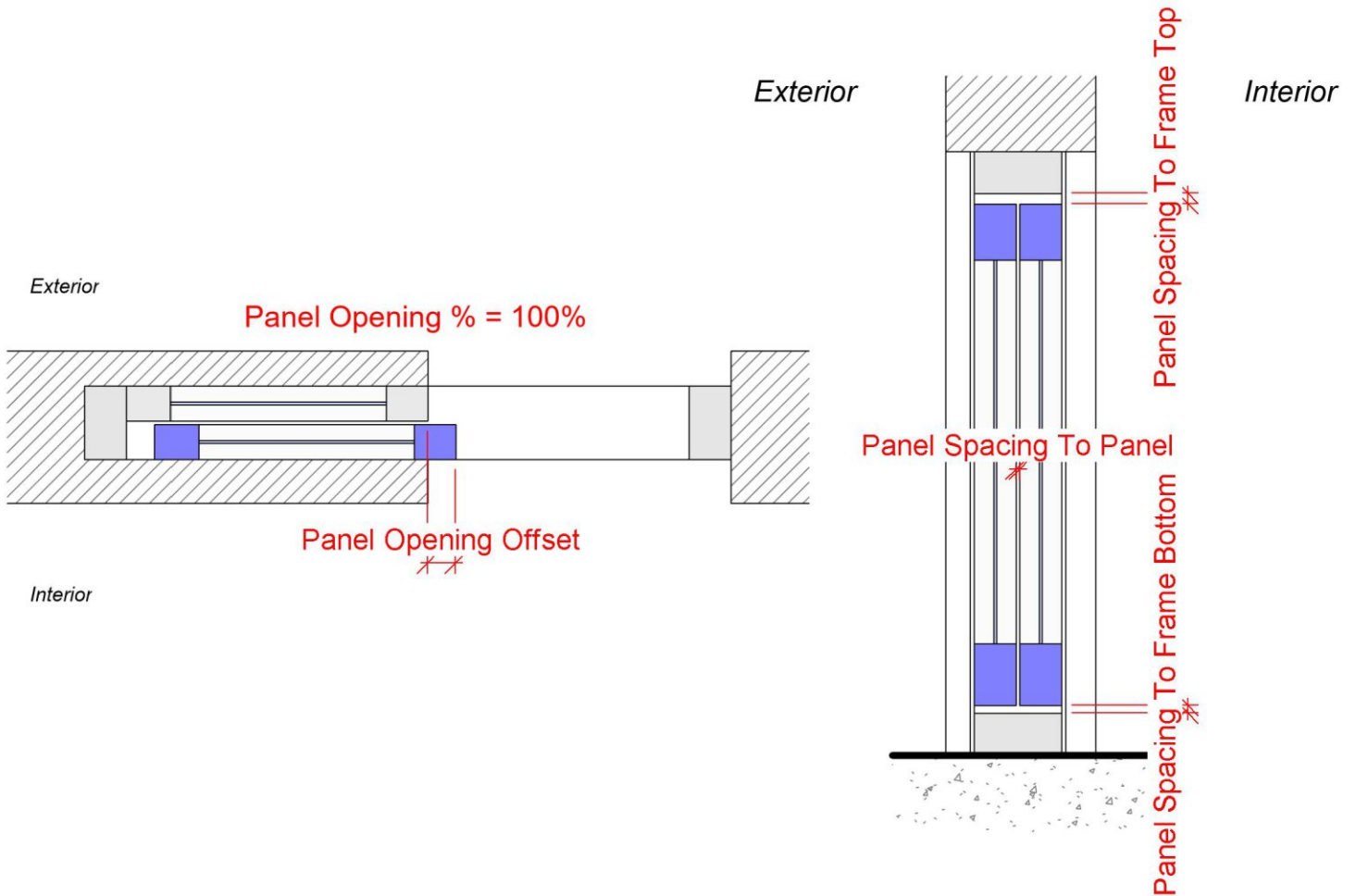
Panels Interior

Interior

Exterior



Interior



Panel Glazing Bar Count Horizontal = 5

Panel Glazing Bar Count Vertical = 3

Panel Glazing Bars Locked Bottom

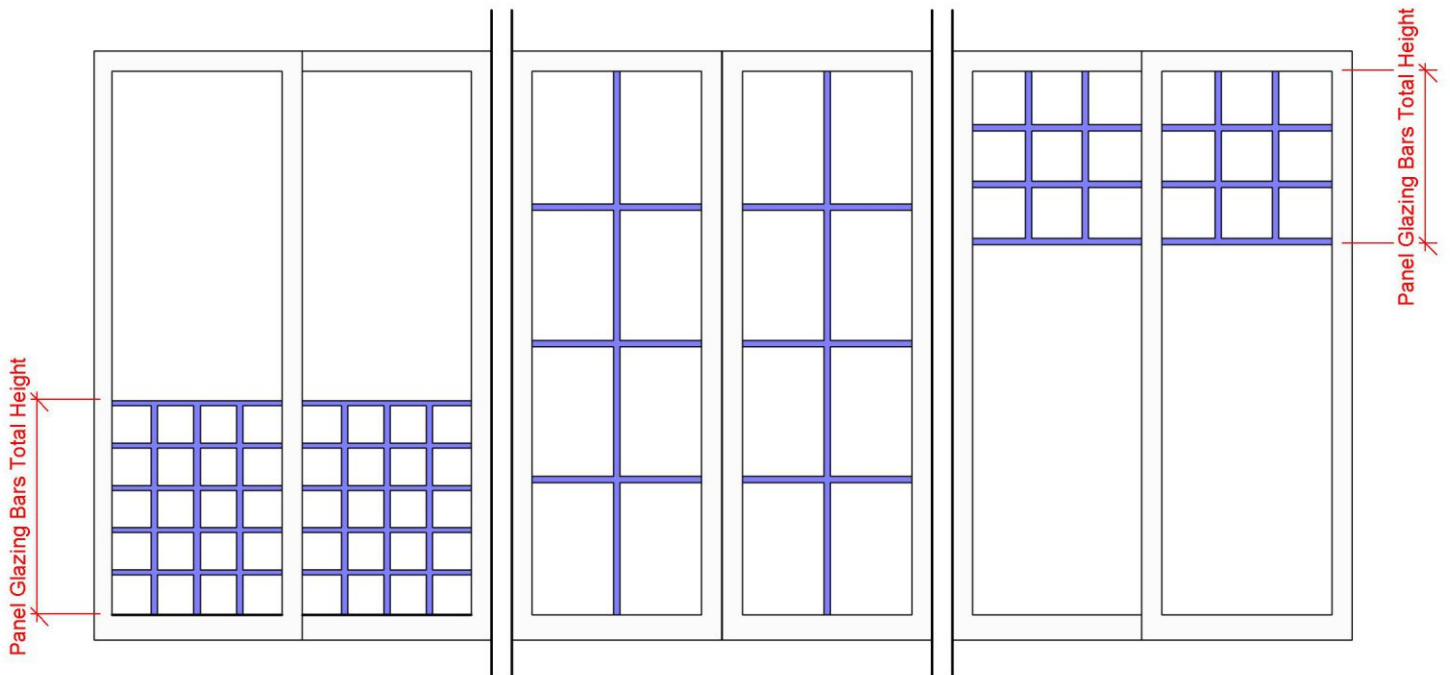
Panel Glazing Bars Locked Top

Panel Glazing Bar Count Horizontal = 3

Panel Glazing Bar Count Vertical = 2

Panel Glazing Bars Locked Bottom

Panel Glazing Bars Locked Top



Panel Glazing Bar Count Vertical = 1

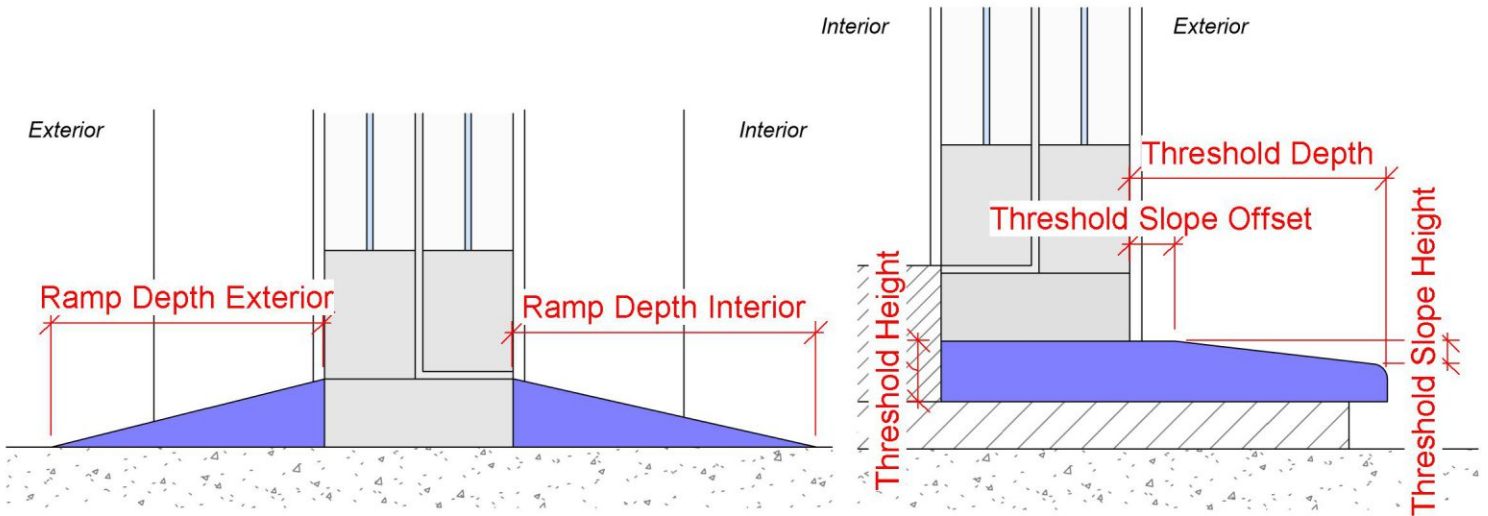
Panel Glazing Bar Count Horizontal = 3

Panel Glazing Bars Locked Bottom

Panel Glazing Bars Locked Top

Panel Glazing Bar Depth

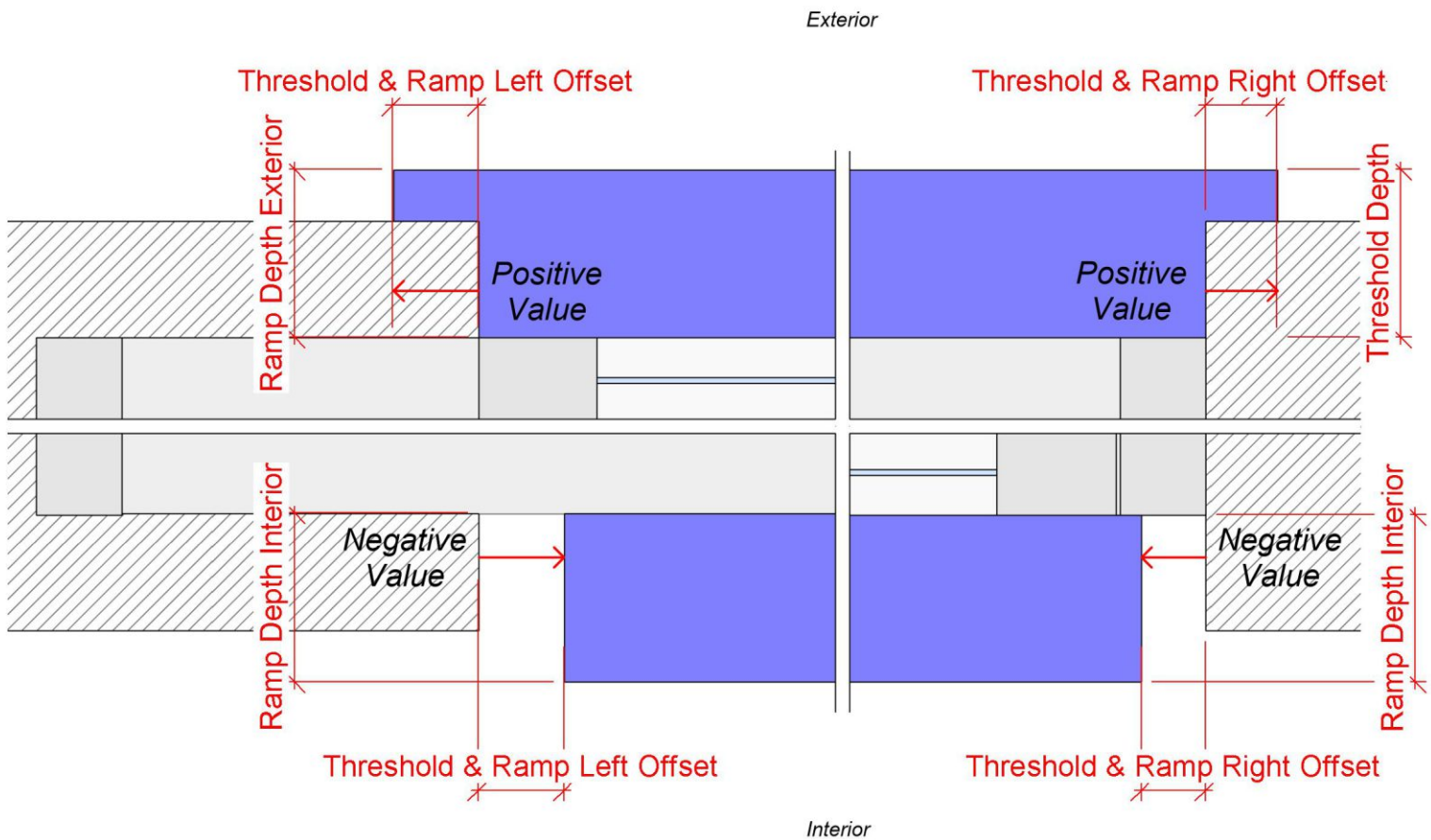


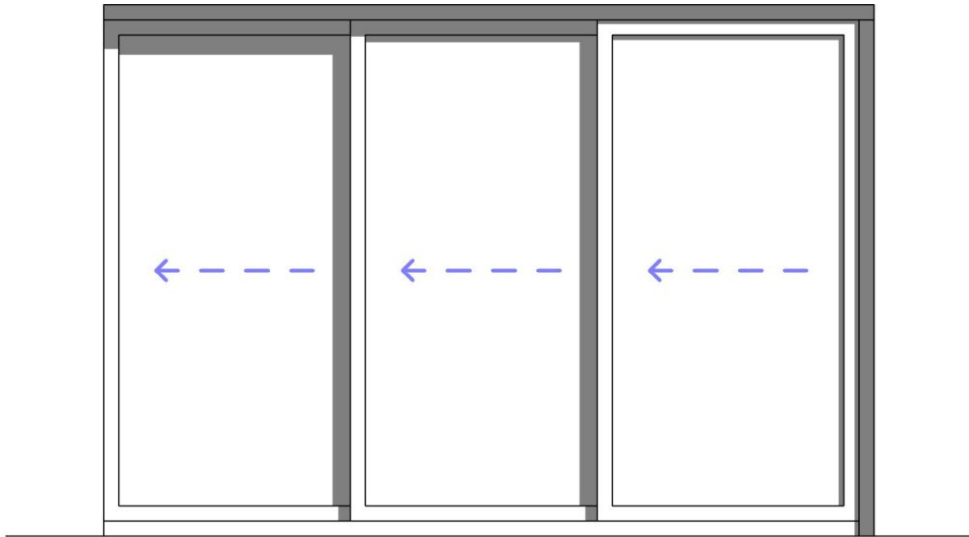


Ramp Visibility Exterior

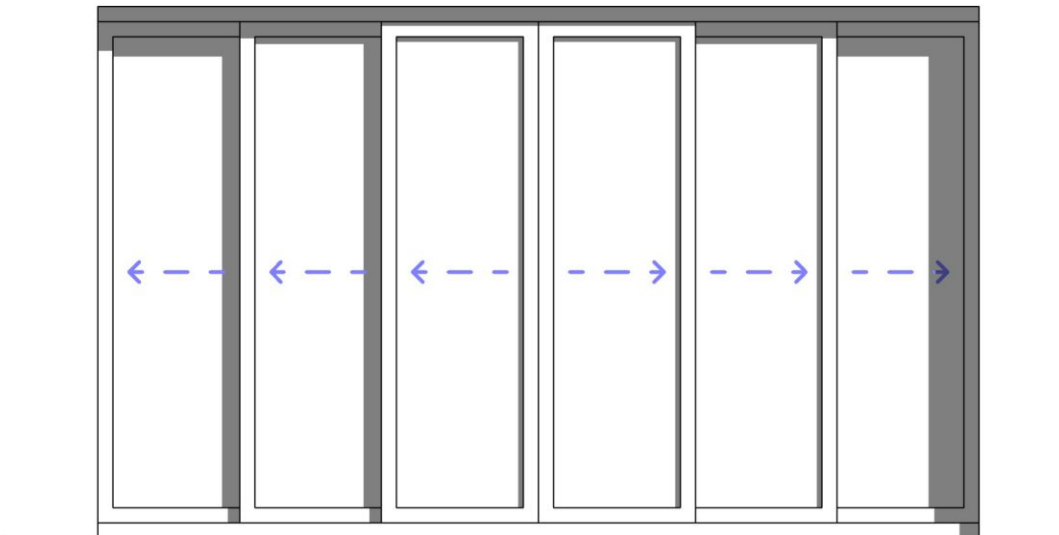
Ramp Visibility Interior

Threshold Visibility

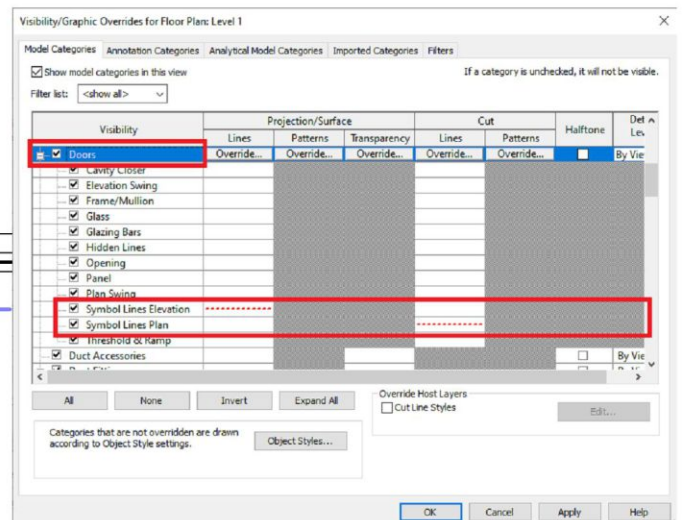
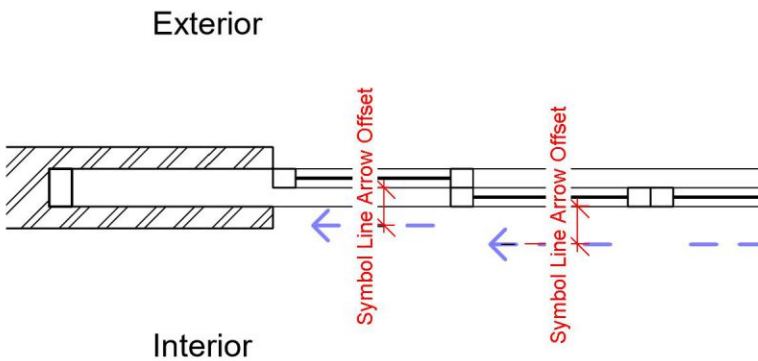




Single door

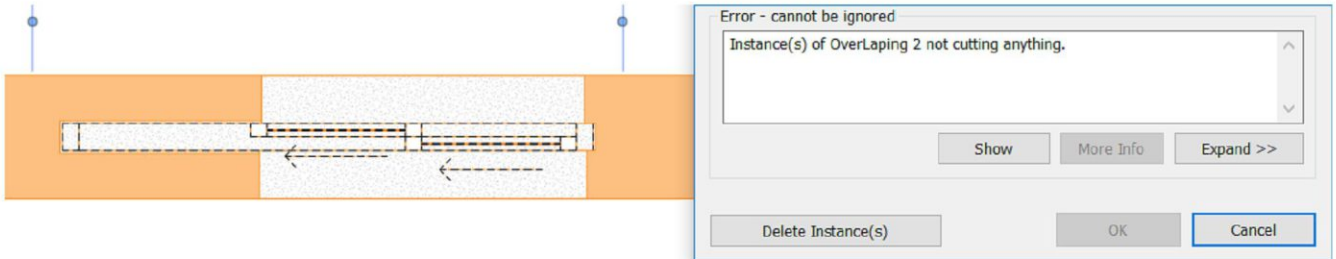


Double door

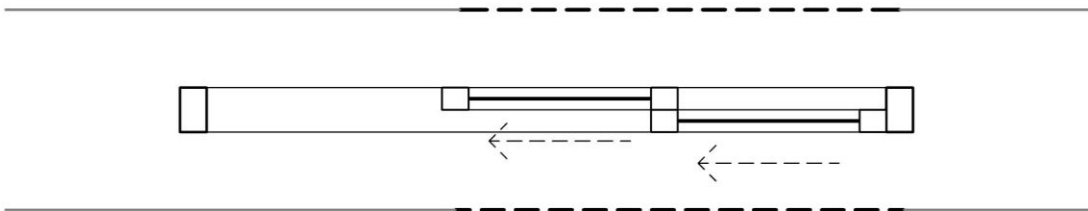


Instead of the simple opening tool, this family uses various voids for the wall opening, to provide features like rough distance, render offsets, and taper reveals. This causes issues in the following scenarios:

1. When placing the same window (copied instance or newly loaded) in the exact same place with different creation and demolition phases.

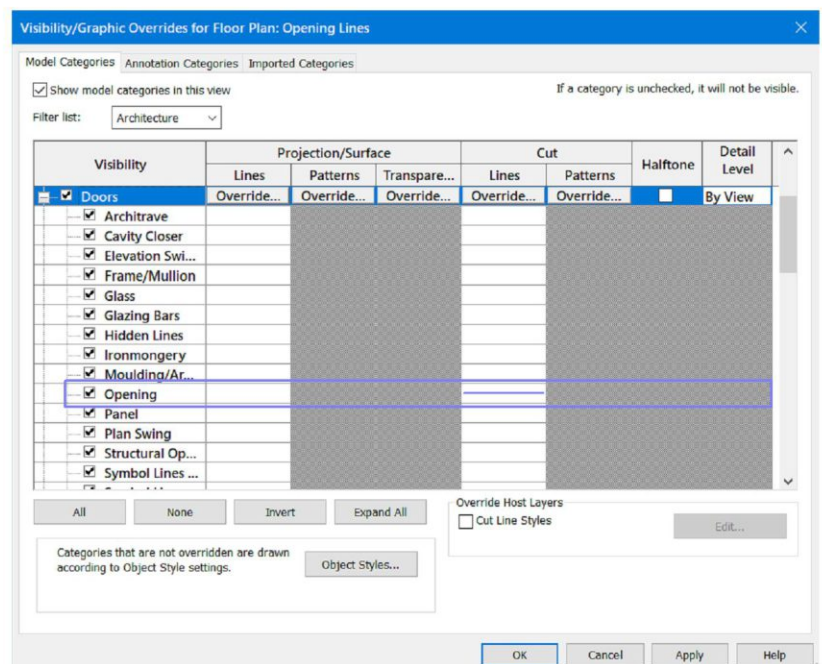
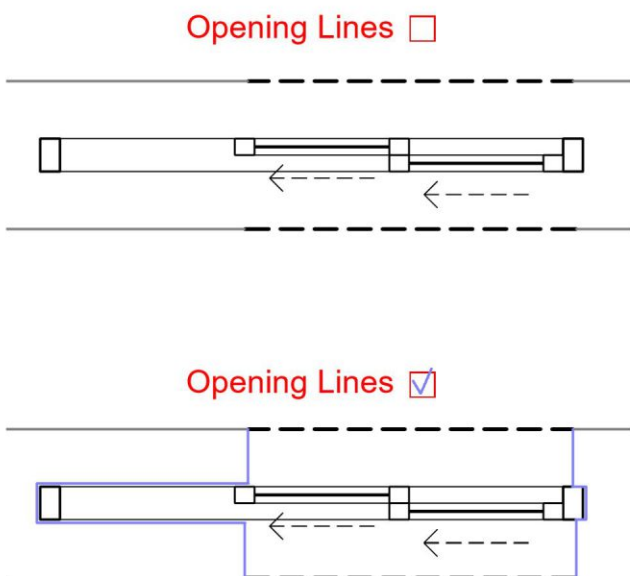


2. Wall opening lines are hidden when host wall has **"Phase Created: Existing"**, and window has **"Phase Created: New Construction"** (usually used in renovation).



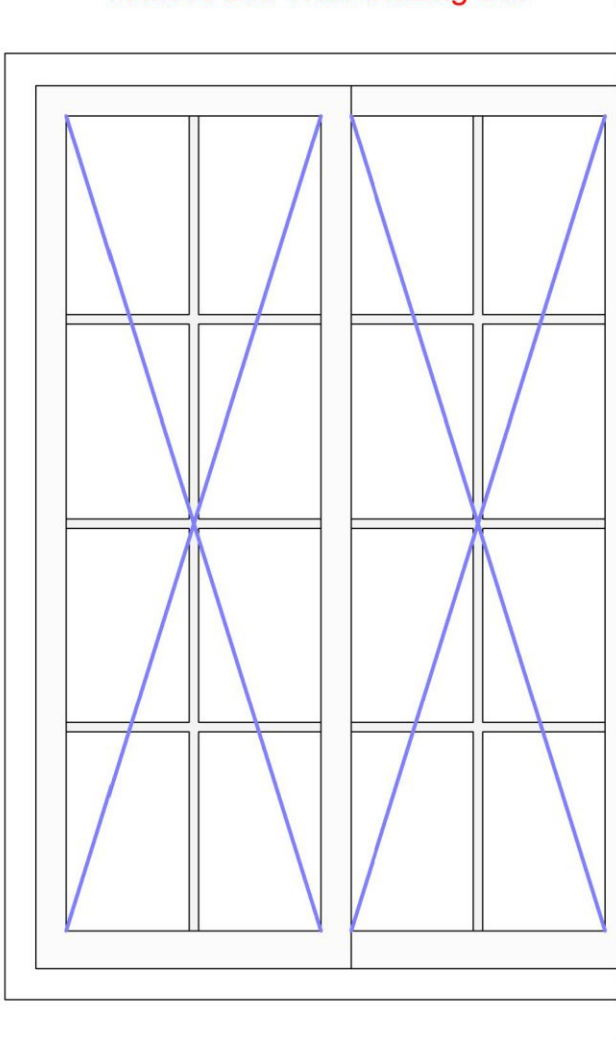
Solutions:

1. Move one of the window instances by a small distance (min 0,2 mm/0,55 decimal inches), applied either to the **Sill Height** (instance parameter).
2. Activate instance parameter **"Opening Lines"** and setup visibility via Visibility/Graphic.

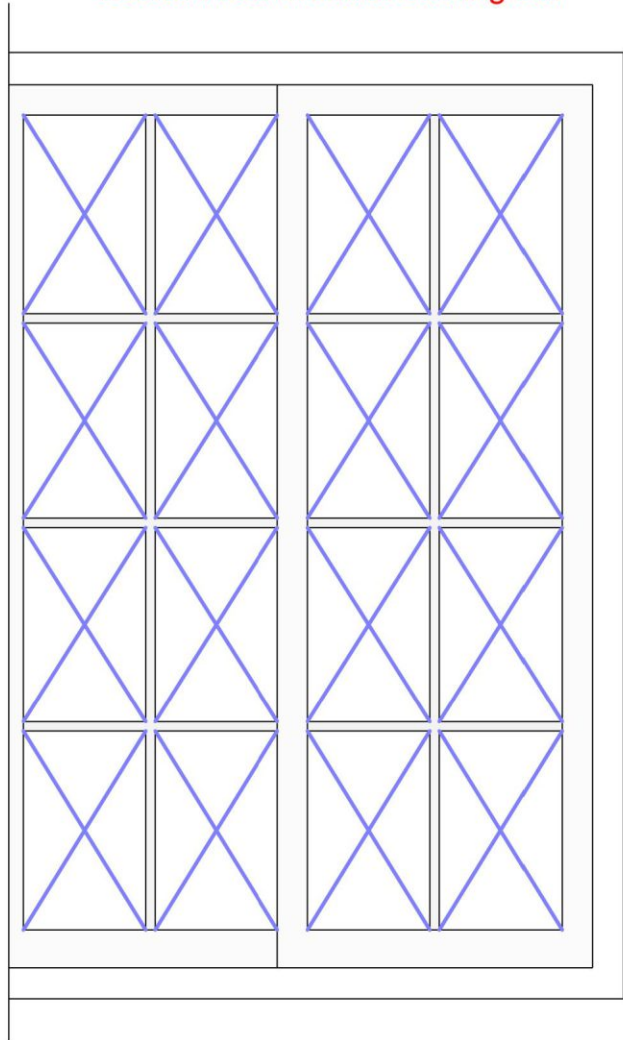


- .Rough Height
- .Rough Width
- .Door Panel Thickness
- .Frame Depth
- .Panel Double Glazing

.Glass Area With Glazing Bar

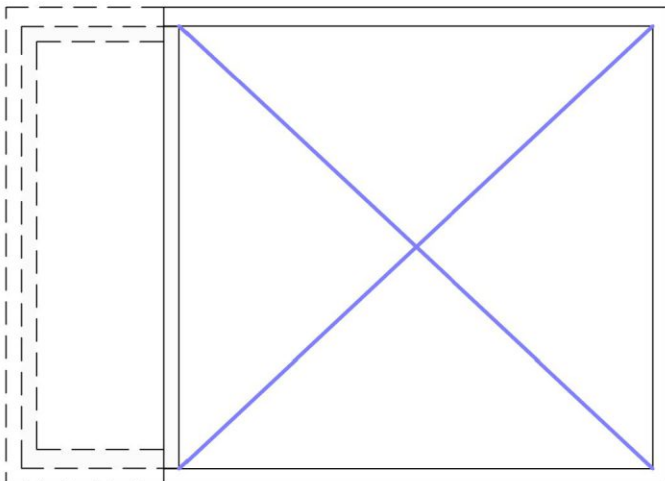


.Glass Area Without Glazing Bar



Opening Area

Single door



Double door

