

Image 1. 3D – display of the point cloud.



Image 2. 3D – display of the model.

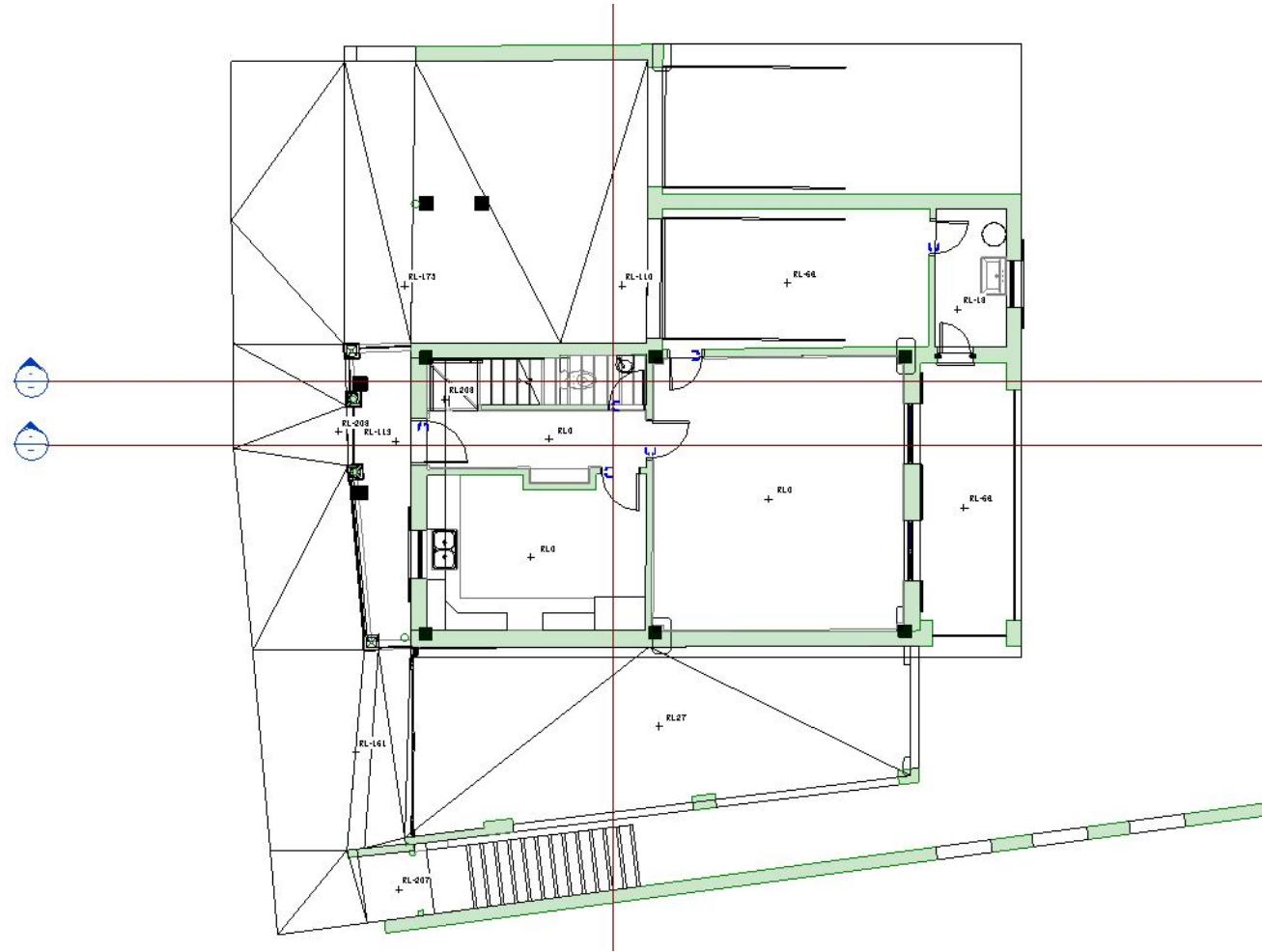


Image 3. Floor plan view.

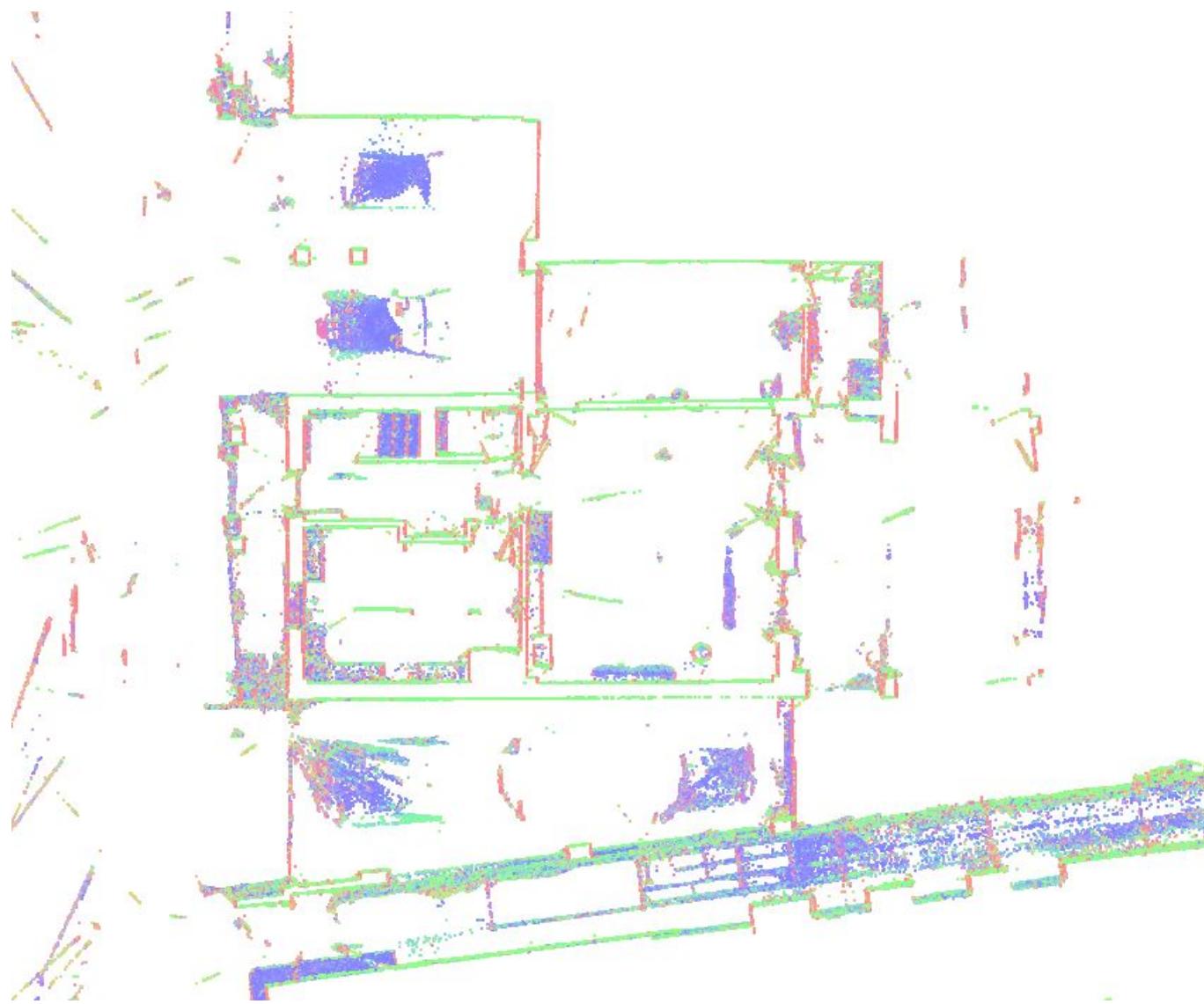


Image 4. Point cloud view of the point cloud.

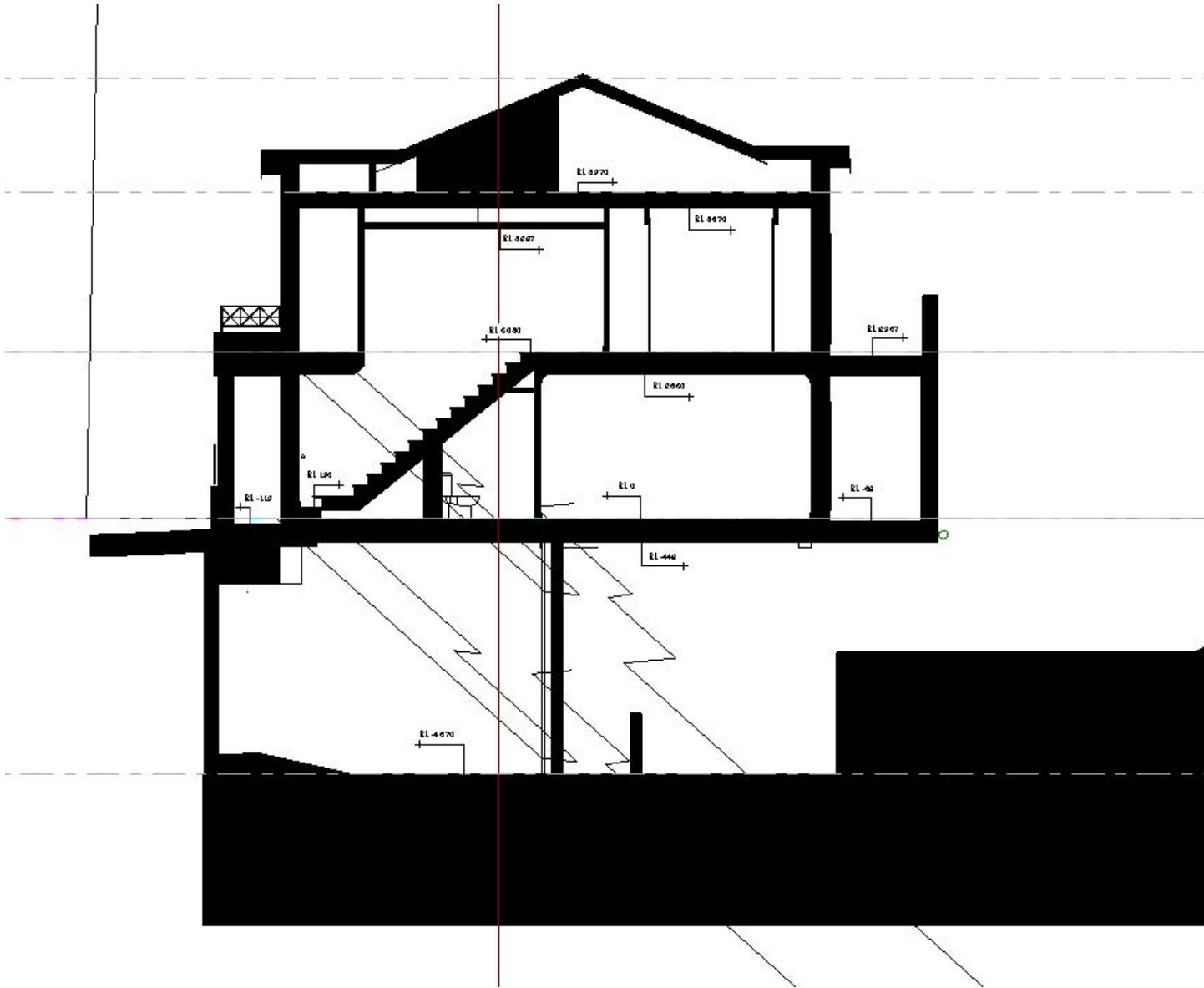


Image 5. Section view.

Properties

Basic Wall	
A_EF_25_10_SRV_Wall_Default_330mm_LOD2	
Walls (1)	
Constraints	
Location Line	Finish Face: Exterior
Base Constraint	+3.05_LEVEL 1 INSIDE FLOOR
Base Offset	0.0000
Base is Attached	<input type="checkbox"/>
Base Extension Distance	0.0000
Top Constraint	Up to level: +5.97_LEVEL ATTIC
Unconnected Height	2.9200
Top Offset	0.0000
Top is Attached	<input type="checkbox"/>
Top Extension Distance	0.0000
Room Bounding	<input checked="" type="checkbox"/>
Related to Mass	<input type="checkbox"/>
ext	
Area - Material	
Wall Finish (1)	
Structural	
Structural	<input type="checkbox"/>
Enable Analytical Model	<input type="checkbox"/>
Structural Usage	Non-bearing
Dimensions	
Length	8.6264
Area	18.556 m ²
Volume	6.064 m ³
Identity Data	
Image	
Comments	
Mark	
Wall Type	
Acoustic Designation	
Fire Designation	
Phasing	
Phase Created	Existing
Phase Demolished	None

Properties help **Apply**

Edit Assembly

Family: Basic Wall
Type: A_EF_25_10_SRV_Wall_Default_330mm_LOD2
Total thickness: 0.3300
Resistance (R): 0.0000 (m²K)/W
Thermal Mass: 0.00 kJ/K
Sample Height: **5.0000**

Layers

	Function	Material	Thickness	Wraps	Structural Material
1	Core Boundary	Layers Above Wrap	0.0000		
2	Structure [1]	Default	0.3300	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3	Core Boundary	Layers Below Wrap	0.0000		

EXTERIOR SIDE

INTERIOR SIDE

Insert Delete Up Down

Default Wrapping
At Inserts: Do not wrap At Ends: None

Modify Vertical Structure (Section Preview only)

Modify Merge Regions Sweeps
Assign Layers Split Region Reveals

OK Cancel Help

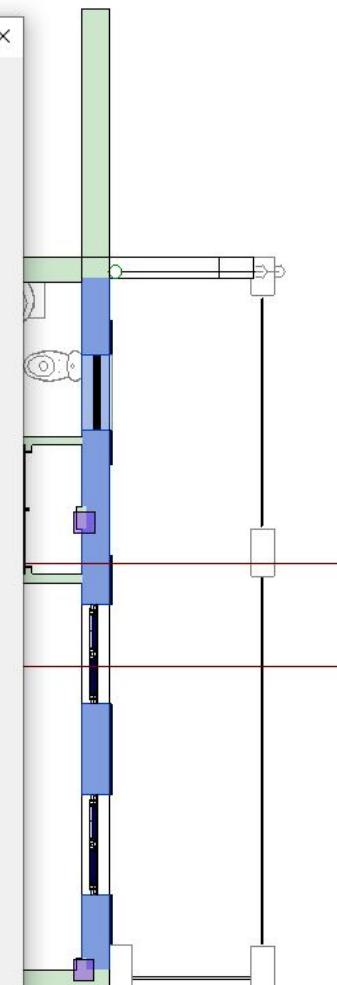


Image 6. Wall properties.

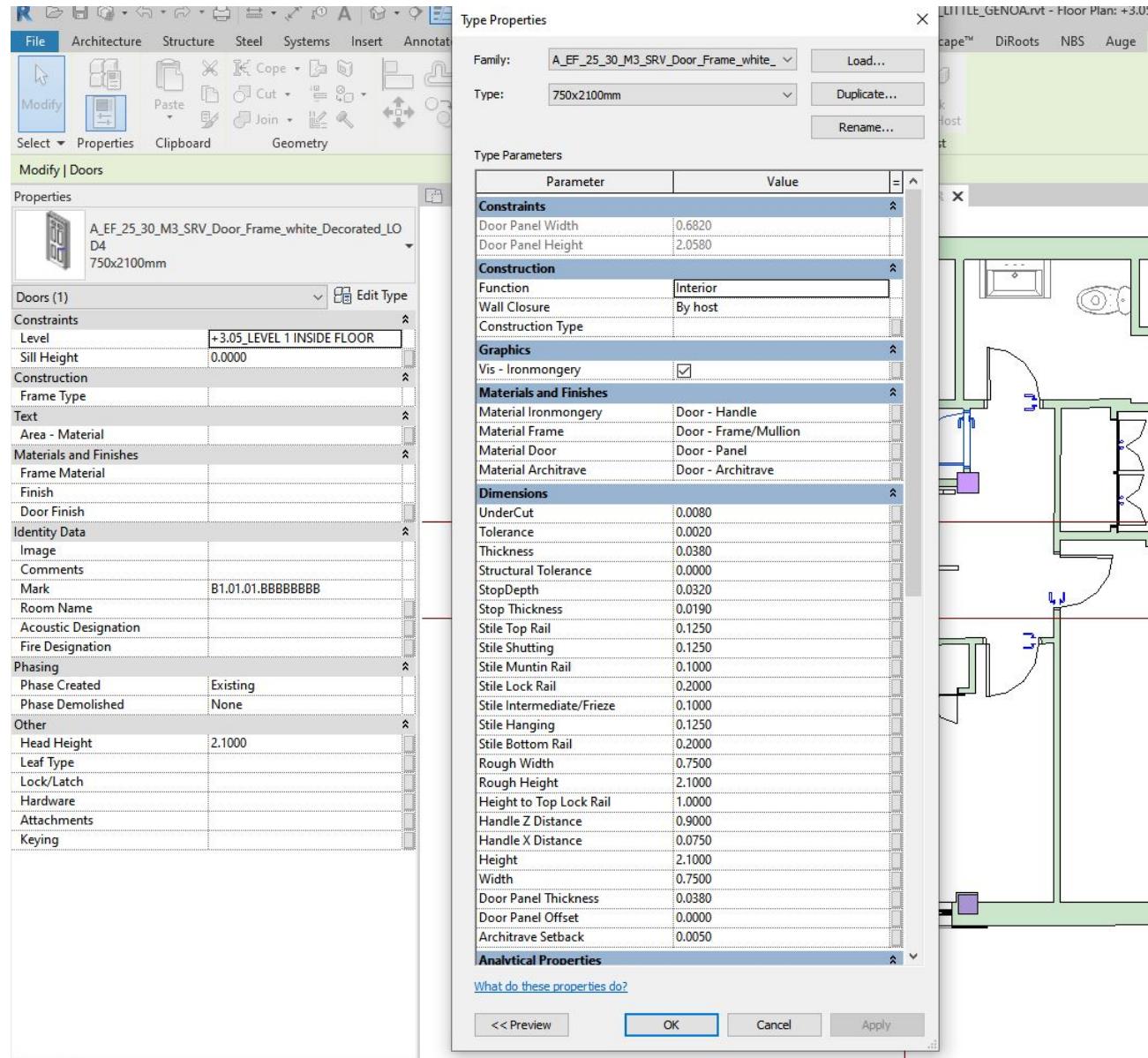


Image 7. Properties of the door.

Schedule

schedule: SRV-Zz_30_90-WindowSchedule

entity Data

/view Template <None>

/view Name SRV-Zz_30_90-WindowSchedule

Dependency Independent

Phasing

Phase Filter Show All

Phase New Construction

ther

Fields Edit...

Filter Edit...

Sorting/Grouping Edit...

Formatting Edit...

Appearance Edit...

<SRV-Zz_30_90-WindowSchedule>

A	B	C	D	E	F	G		
							S.O. Dimensions	
Level	Number	Type Mark	Width	Height	Sill Height	Acoustic Designation	Fire Designation	Material
	WD:FFFFFFFFF	352						
	WD:GGGGGGGGG	353						
	WD:	355						
	WD:JJJJJJJJJ	356						
	WD:KKKKKKKKK	357						
	WD:LLLLLLLLL	358						
: 6								
+0.00_LEVEL_0 INSIDE	WD:SSSSSSSS	325	0.920	1.000	1.141			
+0.00_LEVEL_0 INSIDE	WD:UUUUUUUU	326	0.950	0.730	1.190			
+0.00_LEVEL_0 INSIDE	WD:VVVVVVVV	341	1.200	2.030	0.106			
+0.00_LEVEL_0 INSIDE	WD:WWWWWWWW	341	1.200	2.030	0.106			
+0.00_LEVEL_0 INSIDE	4							
+3.05_LEVEL_1 INSIDE	WD:AAAAAAAAAA	325	0.920	1.000	1.132			
+3.05_LEVEL_1 INSIDE	WD:8888888888	348	0.920	1.230	0.900			
+3.05_LEVEL_1 INSIDE	WD:CCCCCCCCCC	349	0.900	1.230	0.900			
+3.05_LEVEL_1 INSIDE	WD:DDDDDDDDDD	351	0.900	1.980	0.156			
+3.05_LEVEL_1 INSIDE	WD:EEEEEEEEE	349	0.900	1.230	0.945			
+3.05_LEVEL_1 INSIDE	WD:YYYYYYYYYY	341	1.200	2.030	0.124			
+3.05_LEVEL_1 INSIDE	WD:ZZZZZZZZ	341	1.200	2.030	0.111			
+3.05_LEVEL_1 INSIDE FLOOR: 7								
Total: 17								

Image 8. Schedule of windows family.

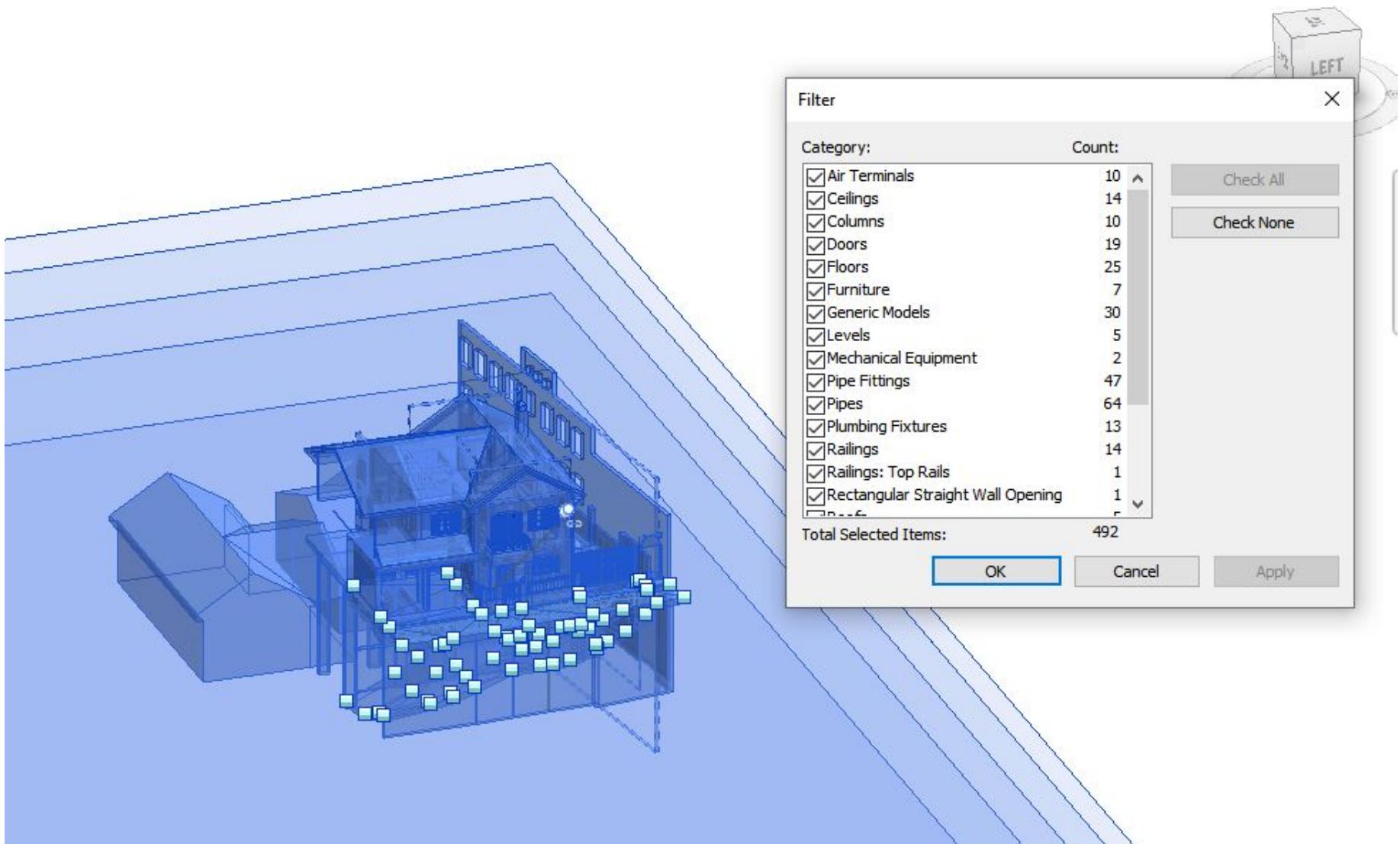


Image 8. Testing by filtering.