

USE DiRoots FAMILY REVISER TO MODIFY PREFIXES

DiRoots FamilyReviser 1.3.0.0

Completed 0%

Exporter Editor Worksets

Element Selection
 All Families Selected Families

Family Type
 Loadable Families System Families

All

All

Family Name

Search...

Find and Replace

Find

Replace

Prefix/Suffix

Prefix

Suffix

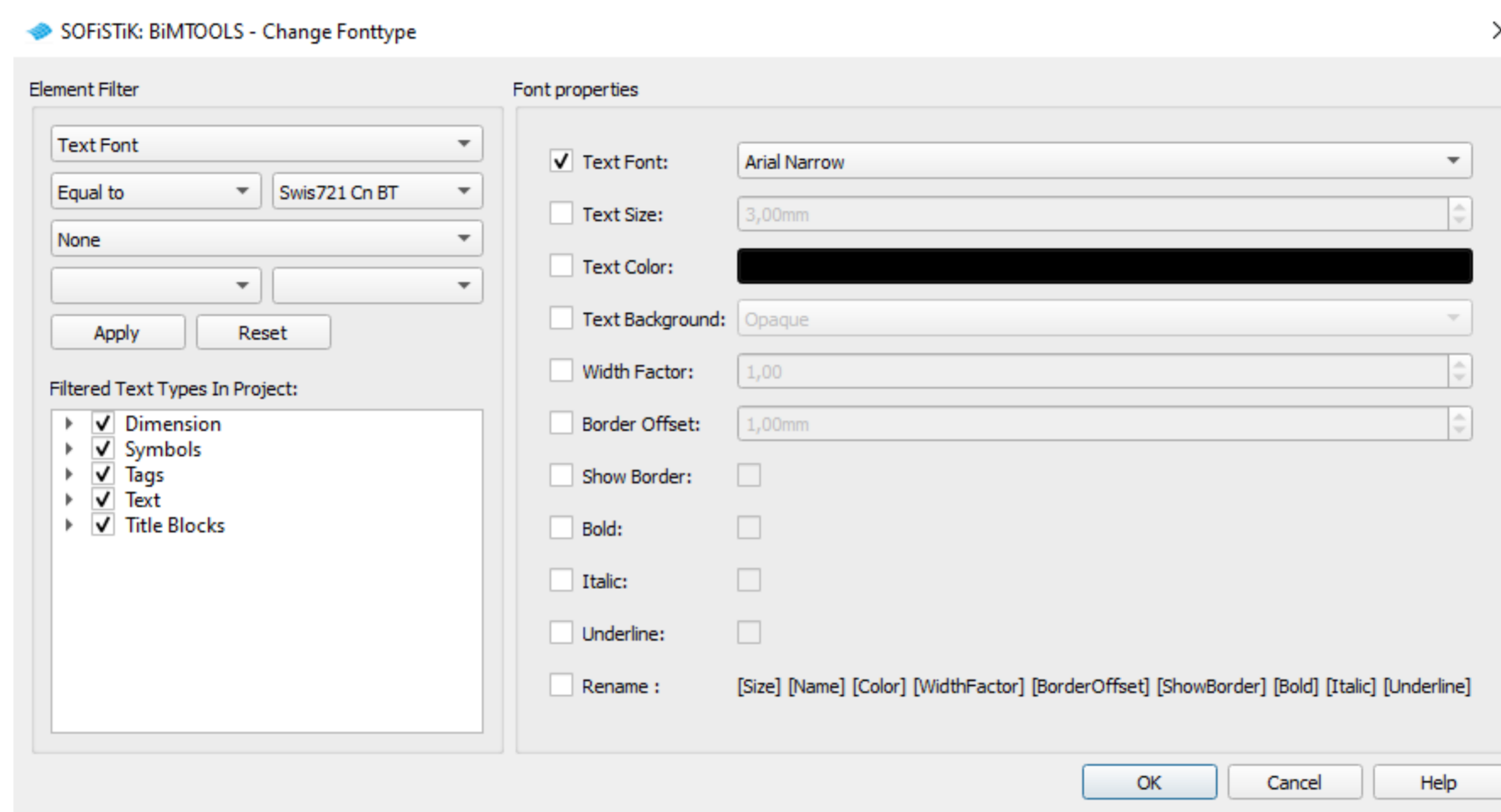
Family Name	Type Name	Category	Updated
RP_ANN_Centerline	RP_Centerline	Annotation Symbols	
RP_ANN_Level Head	RP_Level Head - Circle	Annotation Symbols	
RP_ANN_North-Arrow	RP_North Arrow	Annotation Symbols	
RP_ANN_Plan-Note	RP_ANN-Plan-Note	Annotation Symbols	
RP_TAG_Area	RP_Area Tag	Annotation Symbols	
RP_TAG_Ceiling	RP_Ceiling Tag	Annotation Symbols	
RP_TAG_Ceiling	RP_Ceiling Tag - With Height	Annotation Symbols	
RP_TAG_Door	RP_Door Tag	Annotation Symbols	
RP_TAG_Keynote	RP_Keynote Number	Annotation Symbols	
RP_TAG_Keynote	RP_Keynote Number - Boxed	Annotation Symbols	
RP_TAG_Keynote	RP_Keynote Text	Annotation Symbols	
RP_TAG_Material	RP_Material Tag	Annotation Symbols	
RP_TAG_Multi-Cat-Type	RP_TAG_Multi-Cat-Type	Annotation Symbols	
RP_TAG_Revision	RP_Revision Tag	Annotation Symbols	
RP_TAG_Room	Name and Number	Annotation Symbols	
RP_TAG_Spot Elevation - Targ	M_Spot Elevation - Target Fill	Annotation Symbols	
RP_TAG_Stair	Standard	Annotation Symbols	
RP_TAG_Stair	Type Mark	Annotation Symbols	
RP_TAG_Stair-Landing	RP_Stair Landing Tag	Annotation Symbols	
RP_TAG_Stair-Run	Standard	Annotation Symbols	

Feedback Donate Custom Software Development Undo Update Model



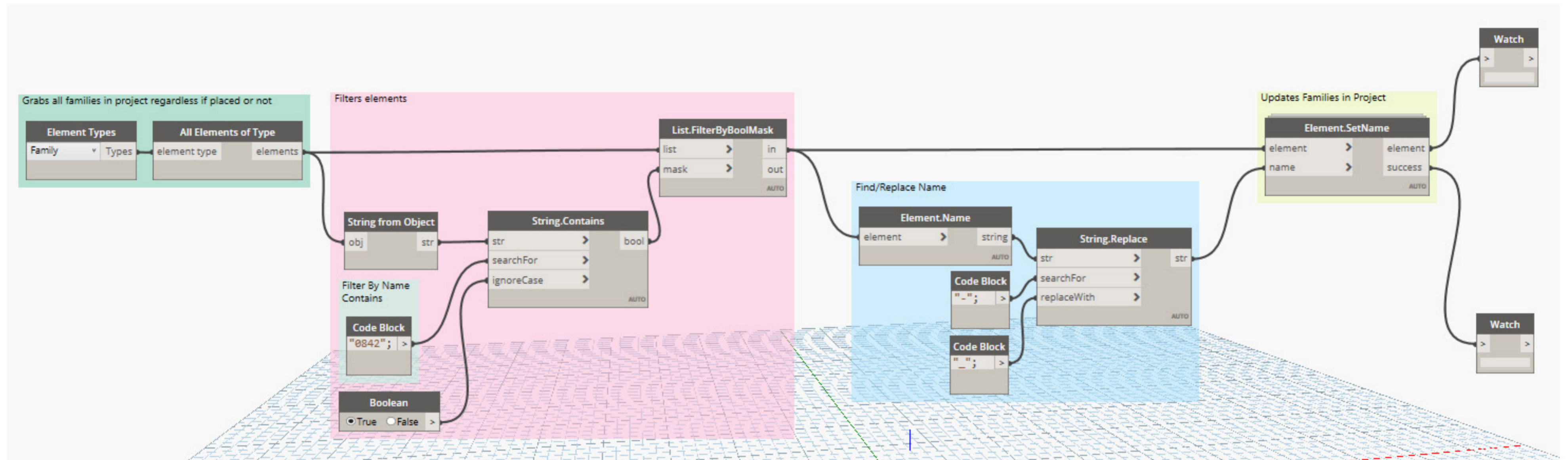
REVIT PURE LIVE #003
NICOLAS CATELLIER

USE “BIM TOOLS” BY SOFiSTiK TO REPLACE FONT



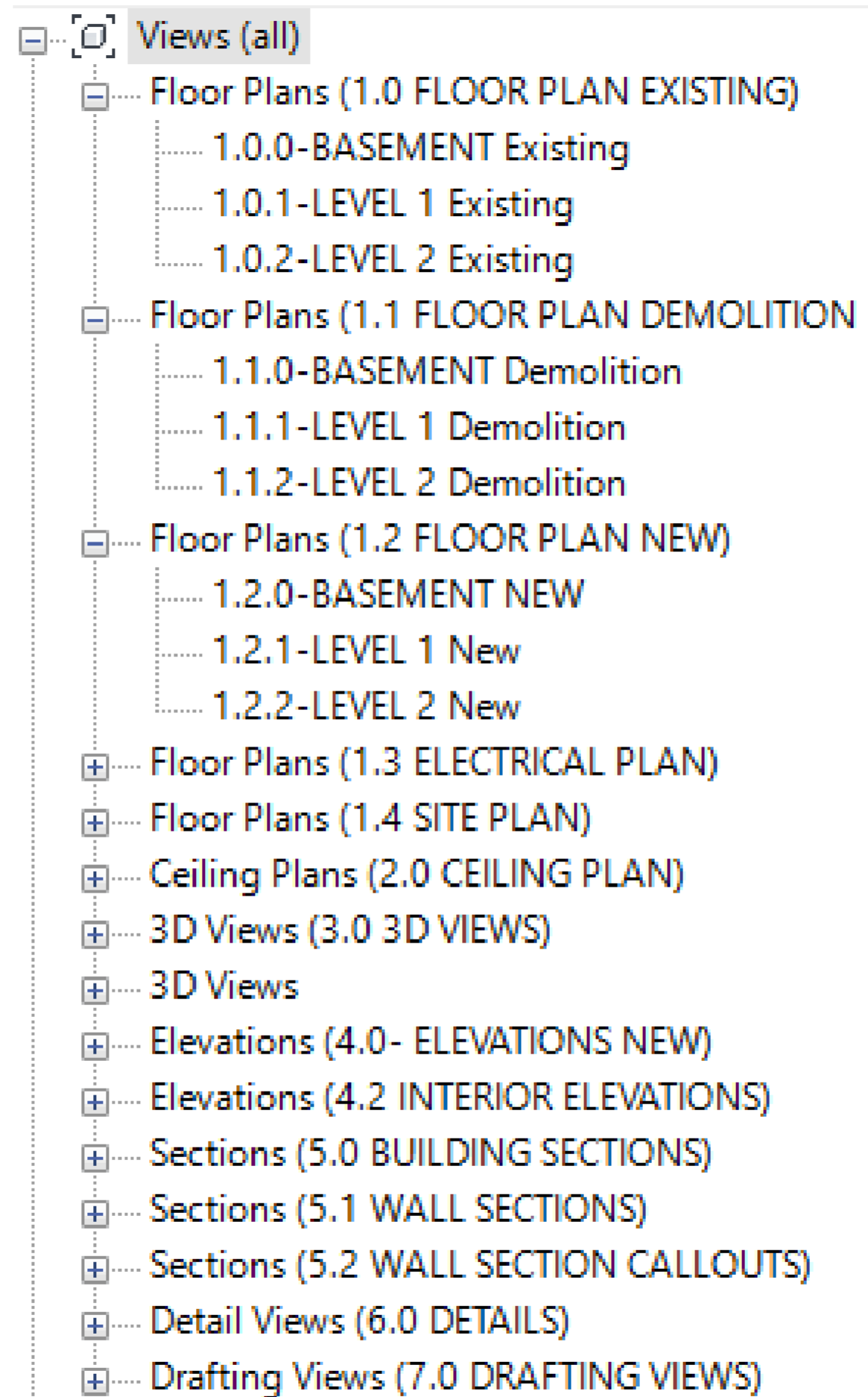
REVIT PURE LIVE #003
NICOLAS CATELLIER

DYNAMO SCRIPT TO RENAME MATERIALS / REGIONS



REVIT PURE LIVE #003
NICOLAS CATELLIER

ADJUST PROJECT BROWSER



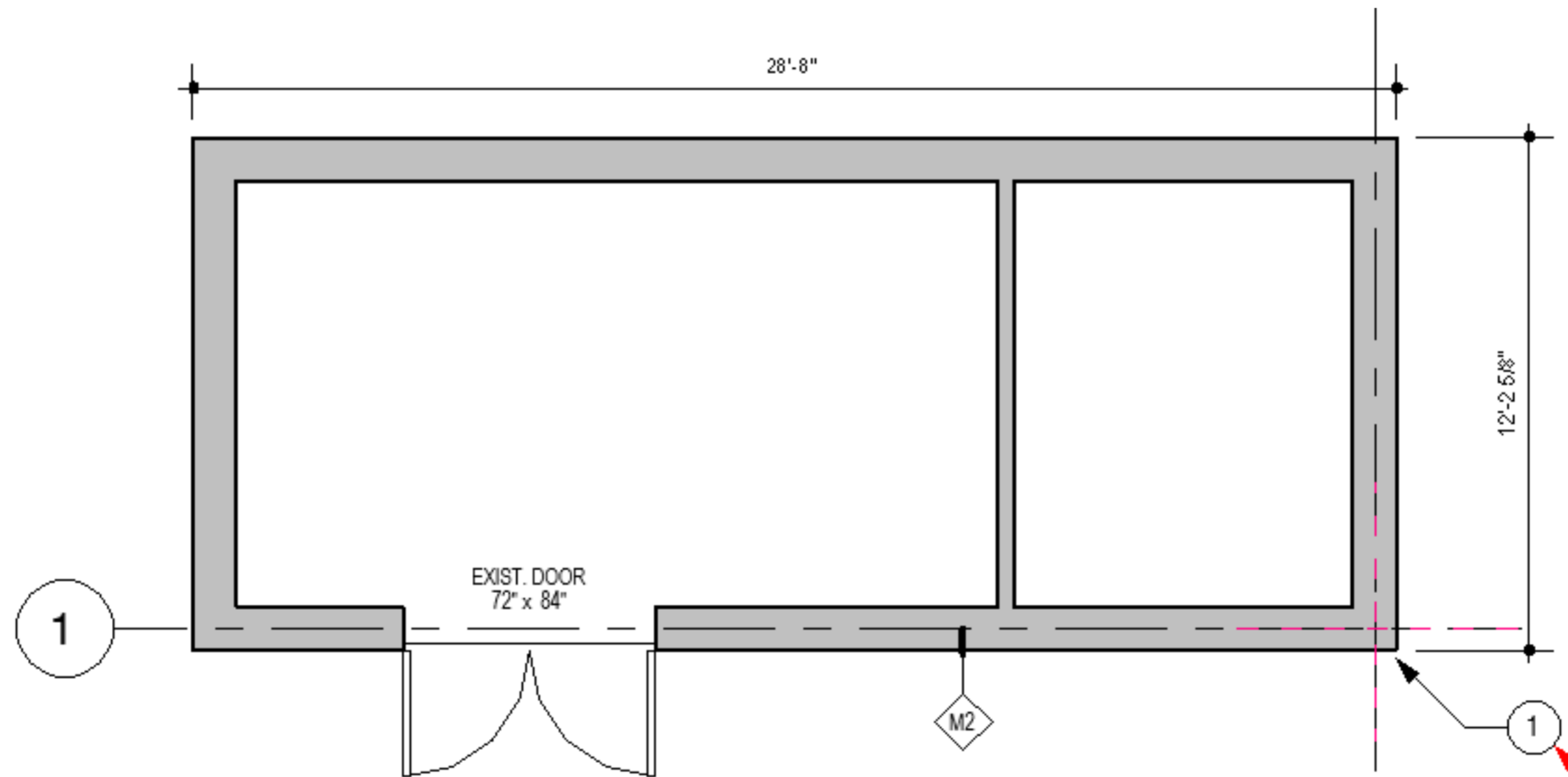
REVIT PURE LIVE #003
NICOLAS CATELLIER

SETTING UP PHASES

Phasing

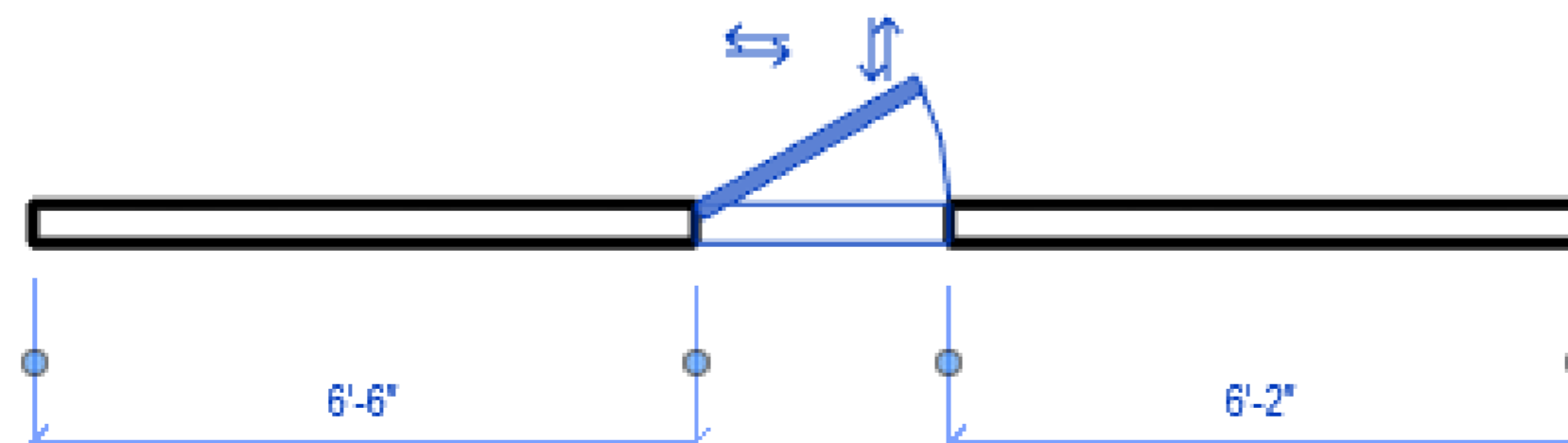
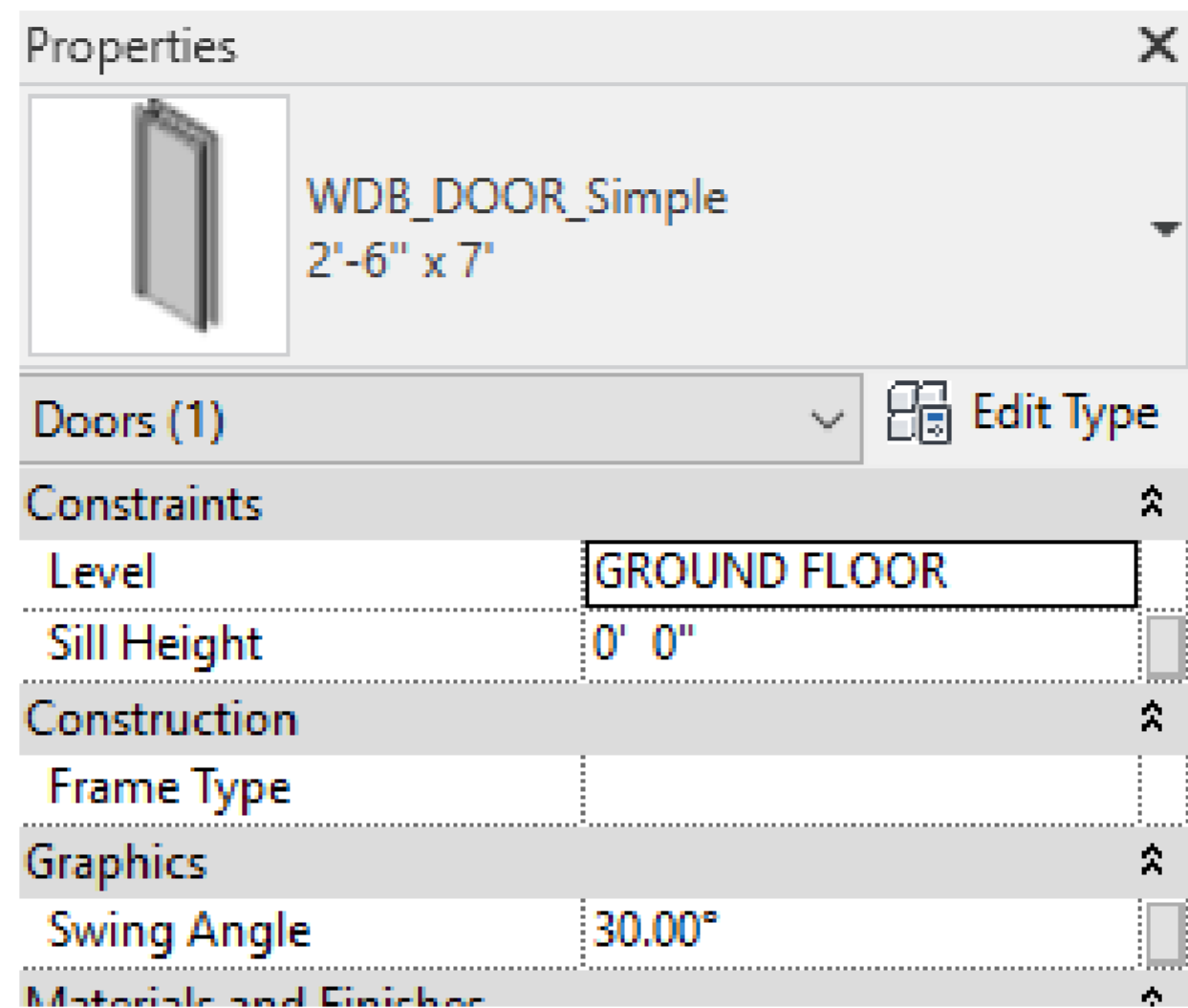
Project Phases Phase Filters Graphic Overrides

Phase Status	Projection/Surface		Cut		Halftone	Material
	Lines	Patterns	Lines	Patterns		
Existing					<input type="checkbox"/>	WDB-Phase-Existing
Demolished	- - - - -		- - - - -		<input type="checkbox"/>	WDB-Phase-Demo
New					<input type="checkbox"/>	
Temporary	- - - - -		- - - - -	///	<input type="checkbox"/>	WDB-Phase-Temporary



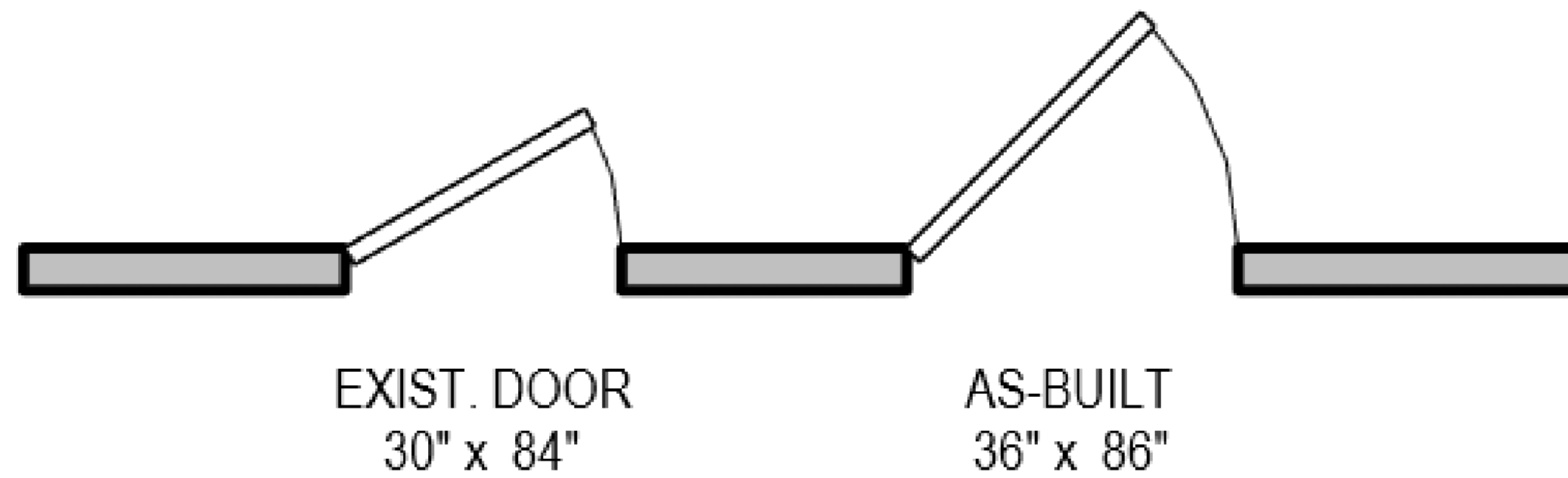
REVIT PURE LIVE #003
NICOLAS CATELLIER

CREATE DOOR WITH ANGLED SWING



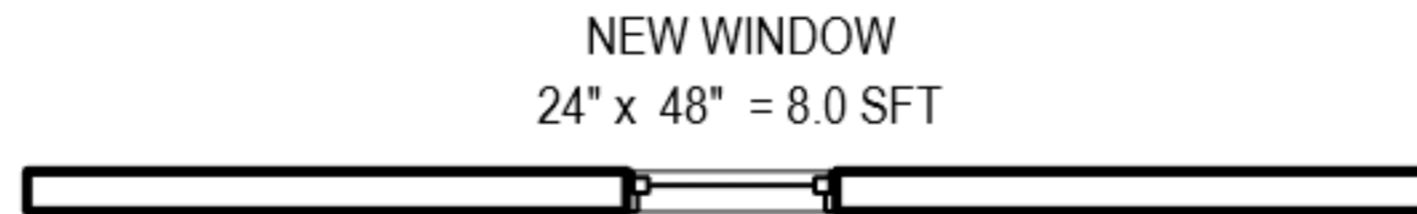
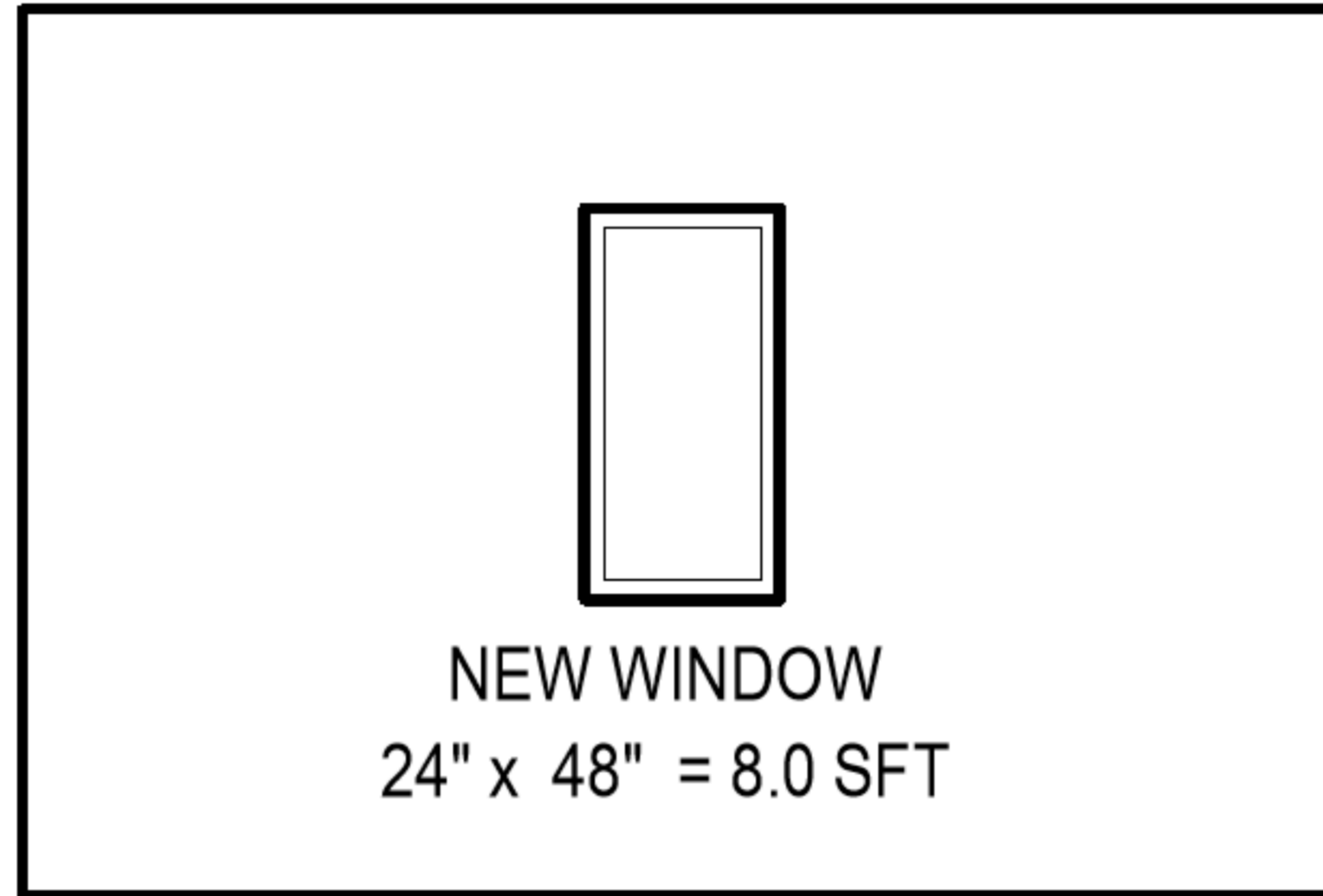
REVIT PURE LIVE #003
NICOLAS CATELLIER

CREATING A CUSTOM DOOR TAG



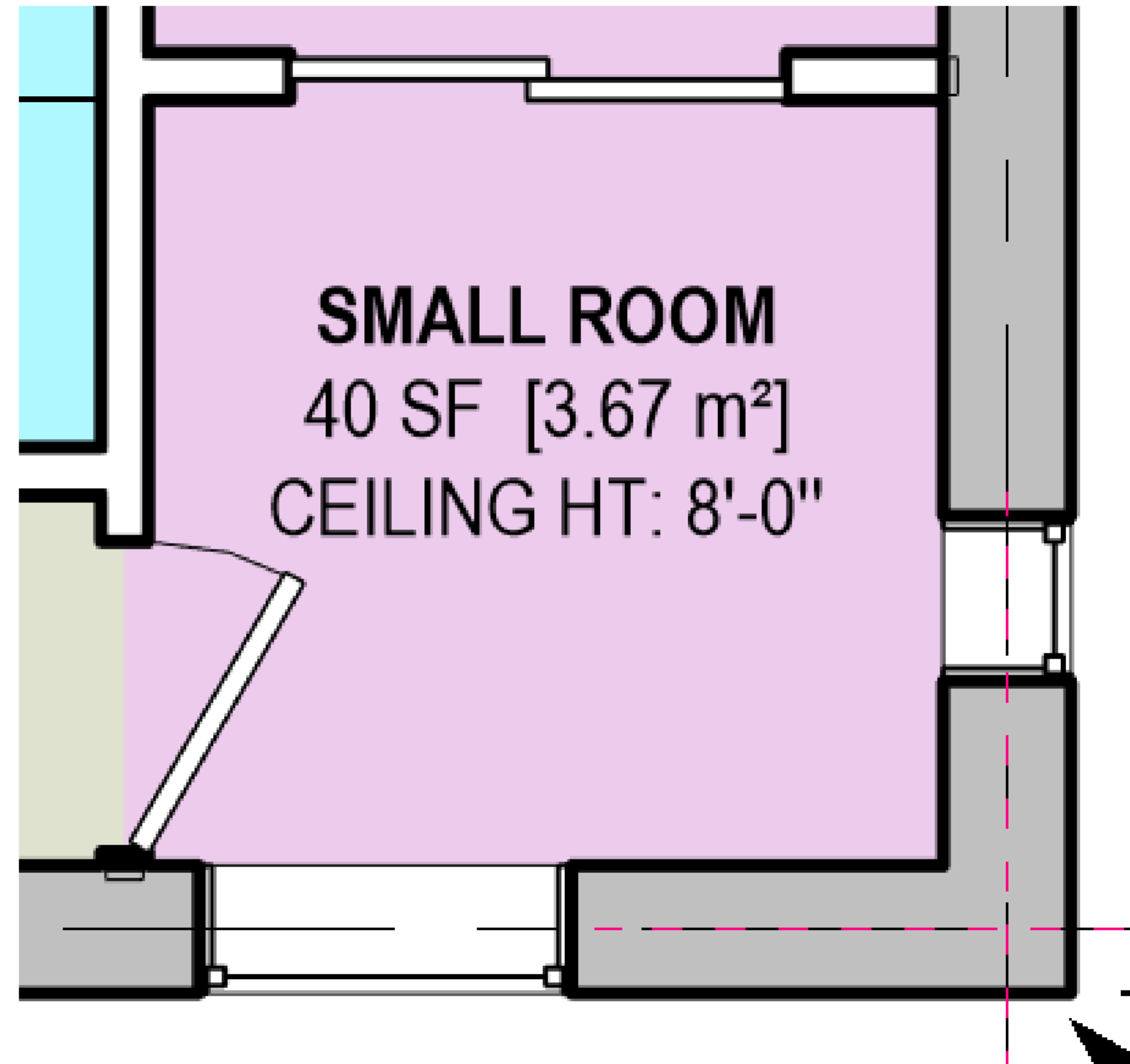
REVIT PURE LIVE #003
NICOLAS CATELLIER

CREATE A CUSTOM WINDOW TAG



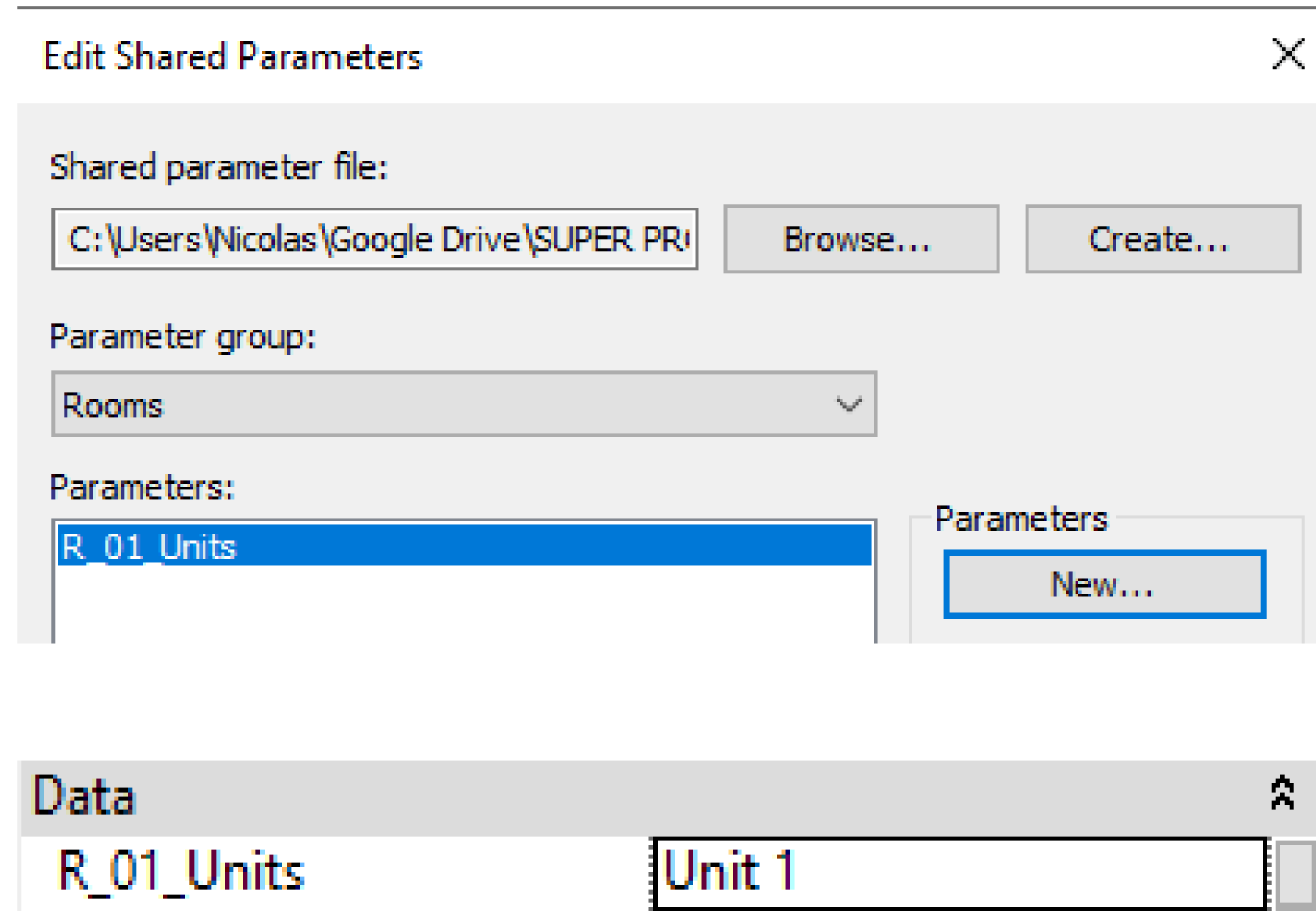
REVIT PURE LIVE #003
NICOLAS CATELLIER

CREATE A CUSTOM ROOM TAG



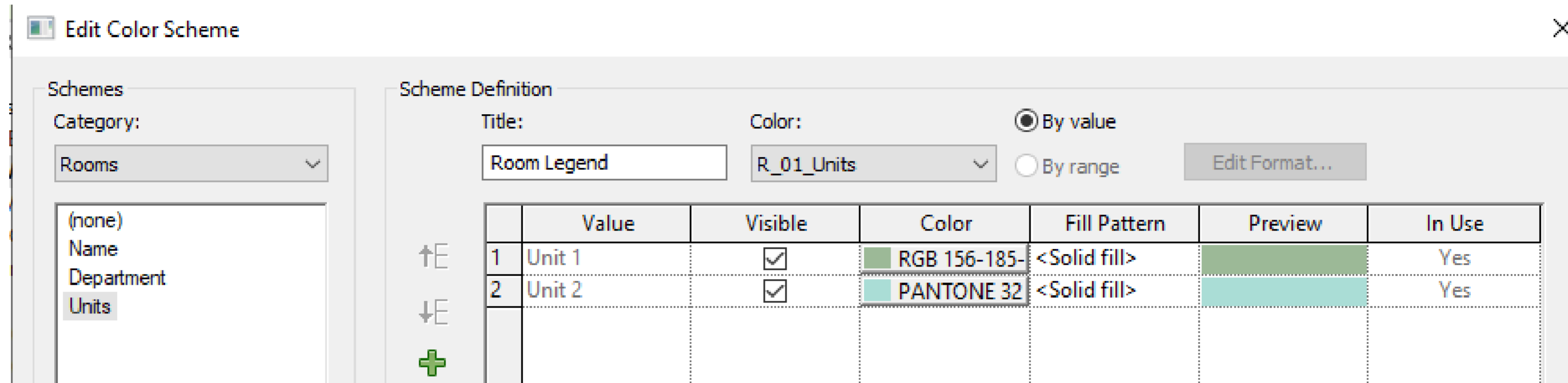
REVIT PURE LIVE #003
NICOLAS CATELLIER

CREATING “UNIT” SHARED PARAMETER FOR ROOMS

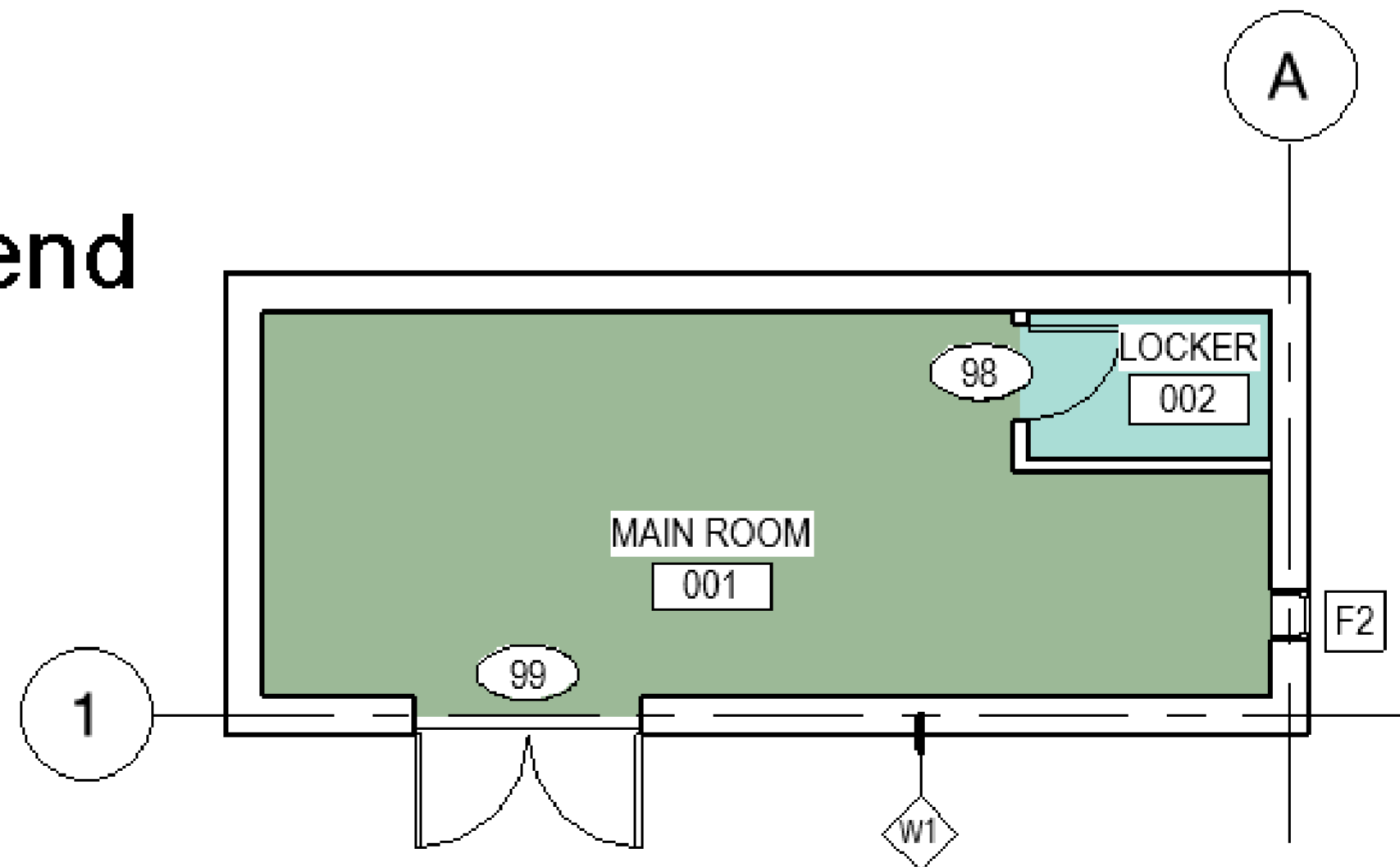
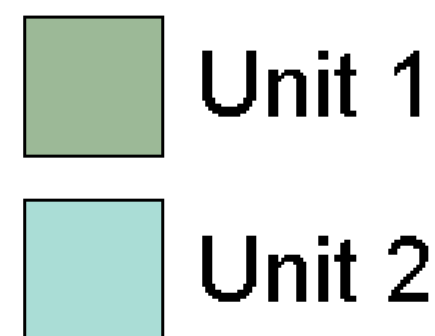


REVIT PURE LIVE #003
NICOLAS CATELLIER

CREATE COLOR SCHEME BASED ON “UNITS”



Room Legend



CREATING ROOM FINISH SCHEDULES

ROOM FINISH SCHEDULE													
ROOM NO.	ROOM NAME	UNIT	FLOOR		BASE		WALL		CEILING		HEIGHT	REMARKS	
			MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH			
BASEMENT													
06	BASEMENT ROOM	Unit 1									8'-0"		
GROUND FLOOR													
01	MAIN ROOM	Unit 1	WOOD	STAIN	VINYL			DRYWALL	PAINT	DRYWALL	PAINT	8'-0 3/4"	
02	LOCKER	Unit 2										9'-6"	
03	SMALL ROOM	Unit 2										13'-1 1/2"	
04	CORRIDOR	Common										13'-1 1/2"	
05	CLOSET	Common										13'-1 1/2"	
SECOND FLOOR													
07	SECOND FLOOR ROOM	Unit 2										13'-1 1/2"	



REVIT PURE LIVE #003
 NICOLAS CATELLIER

CREATE ROOMS SHARED PARAMETERS TO SPEED UP, USE PARAMANAGER

DiRoots. ParaManager 1.1.0.0

Parameters Categories Transfer Families Completed 0%

+ Add Parameter Import / Export Batch Actions Show Existing Parameters Search...

<input type="checkbox"/>	Parameter Name	<input checked="" type="checkbox"/> All	Discipline	Type of Parameter	Group Under	Instance/Type
<input type="checkbox"/>	Occupant	Project Parameter	Common	Text	Identity Data	Instance
<input type="checkbox"/>	R_01_Units	Shared Parameter	Common	Text	Data	Instance
<input type="checkbox"/>	R_02_Floor_Mat	Shared Parameter	Common	Text	Data	Instance
<input type="checkbox"/>	R_03_Floor_Finish	Shared Parameter	Common	Text	Data	Instance
<input type="checkbox"/>	R_04_Base_Mat	Shared Parameter	Common	Text	Data	Instance
<input type="checkbox"/>	R_05_Base_Finish	Shared Parameter	Common	Text	Data	Instance
<input type="checkbox"/>	R_06_	Shared Parameter	Common	Text	Data	Instance
<input type="checkbox"/>	Parameter 006	Shared Parameter	Common	Text	Data	Instance
<input type="checkbox"/>	Parameter 007	Shared Parameter	Common	Text	Data	Instance
<input type="checkbox"/>	Parameter 008	Shared Parameter	Common	Text	Data	Instance

Total number of parameters 10 | create 8 | modify 0 | existing 2

Feedback Donate Custom Development Next



REVIT PURE LIVE #003
NICOLAS CATELLIER

ASSIGN PARAMETERS TO ROOM

DiRoots. ParaManager 1.1.0.0 Completed 0%

Parameters Categories Transfer Families

Assign Categories Show Existing Parameters

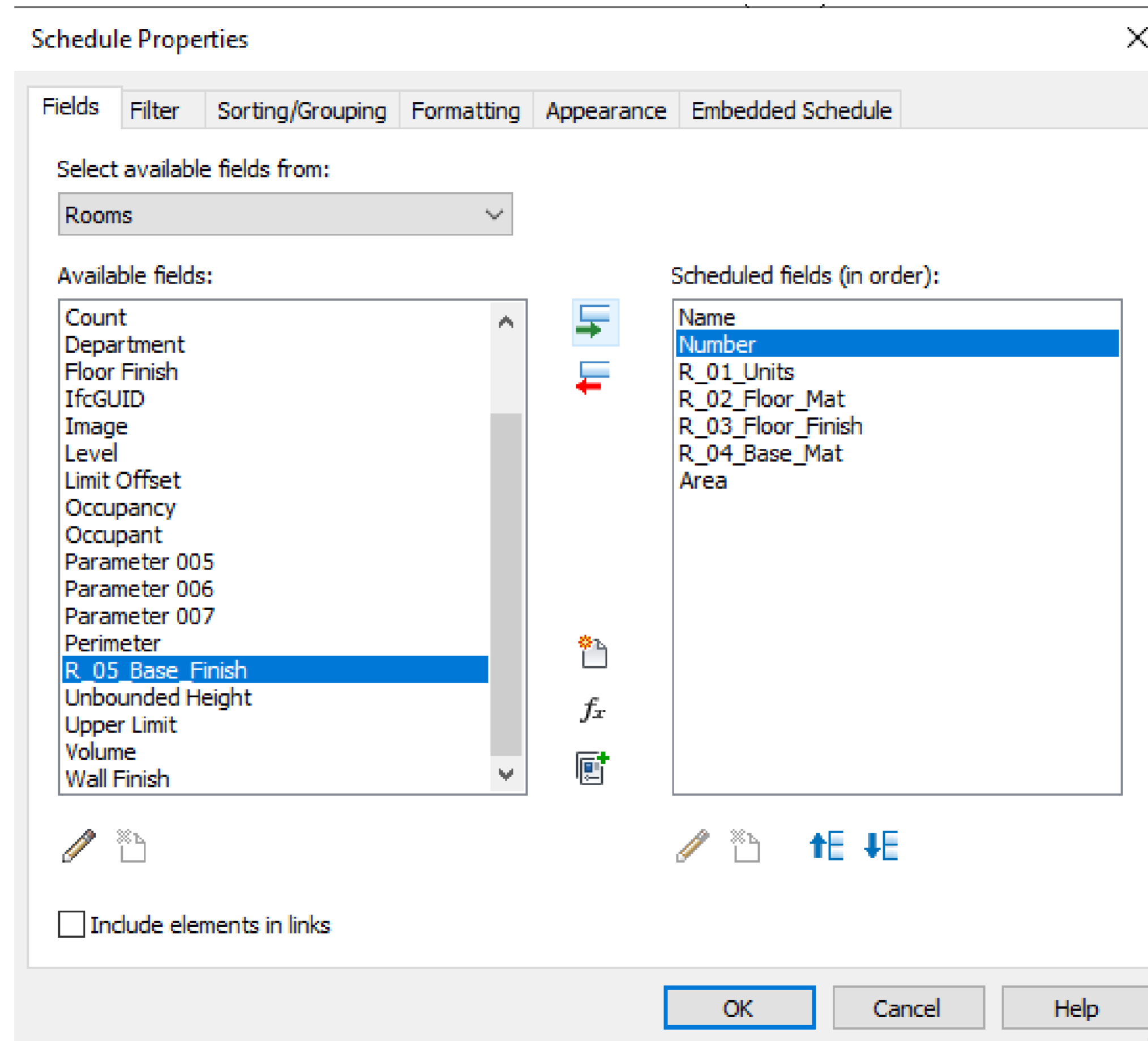
<input type="checkbox"/>	Parameter Name	<input checked="" type="checkbox"/> All	Assign Categories	Categories
<input type="checkbox"/>	Occupant	Project Parameter	<input type="button" value="Categories.."/>	Rooms
<input type="checkbox"/>	R_01_Units	Shared Parameter	<input type="button" value="Categories.."/>	Rooms
<input type="checkbox"/>	R_02_Floor_Mat	Shared Parameter	<input type="button" value="Categories.."/>	Rooms
<input type="checkbox"/>	R_03_Floor_Finish	Shared Parameter	<input type="button" value="Categories.."/>	Rooms
<input type="checkbox"/>	R_04_Base_Mat	Shared Parameter	<input type="button" value="Categories.."/>	Rooms
<input type="checkbox"/>	R_05_Base_Finish	Shared Parameter	<input type="button" value="Categories.."/>	Rooms
<input type="checkbox"/>	Parameter 005	Shared Parameter	<input type="button" value="Categories.."/>	Rooms
<input type="checkbox"/>	Parameter 006	Shared Parameter	<input type="button" value="Categories.."/>	Rooms
<input type="checkbox"/>	Parameter 007	Shared Parameter	<input type="button" value="Categories.."/>	Rooms

Total number of parameters 9 | create 7 | modify 0 | existing 2

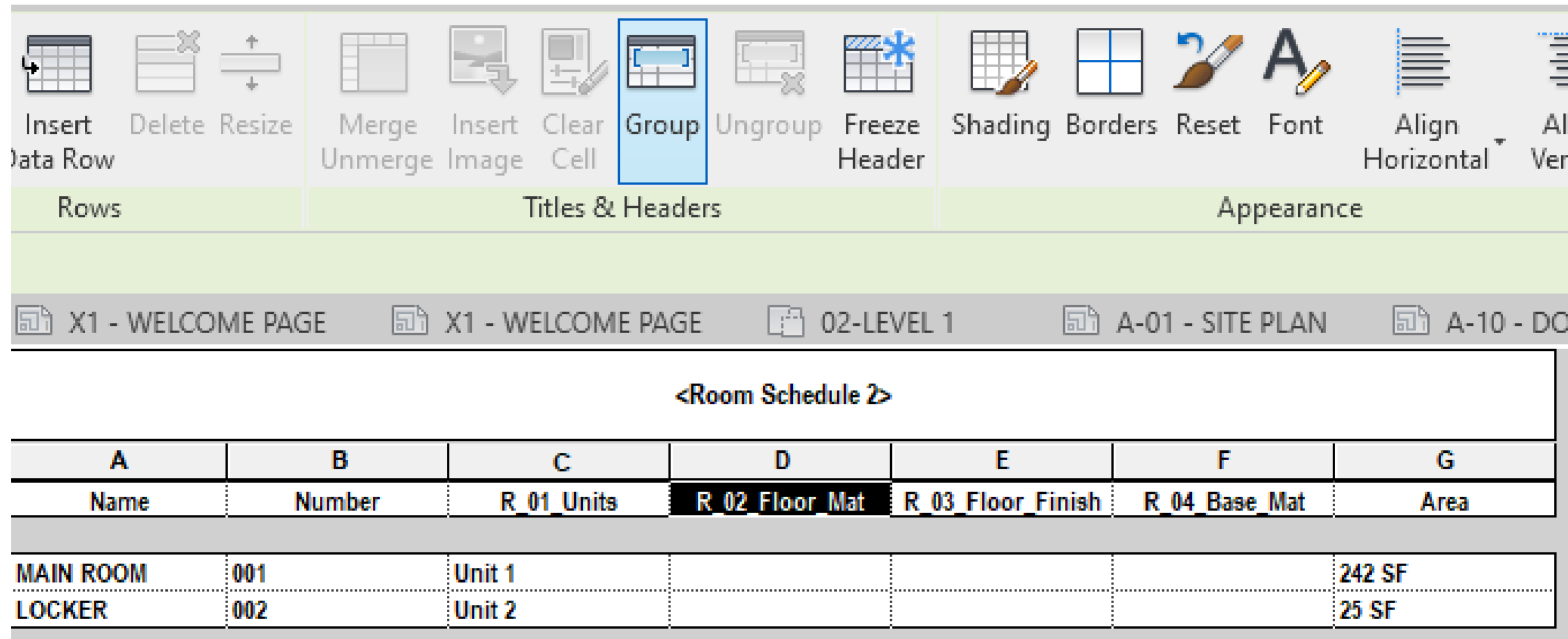


REVIT PURE LIVE #003
NICOLAS CATELLIER

SELECT NEW FIELDS IN ROOM SCHEDULE



GROUP FIELDS



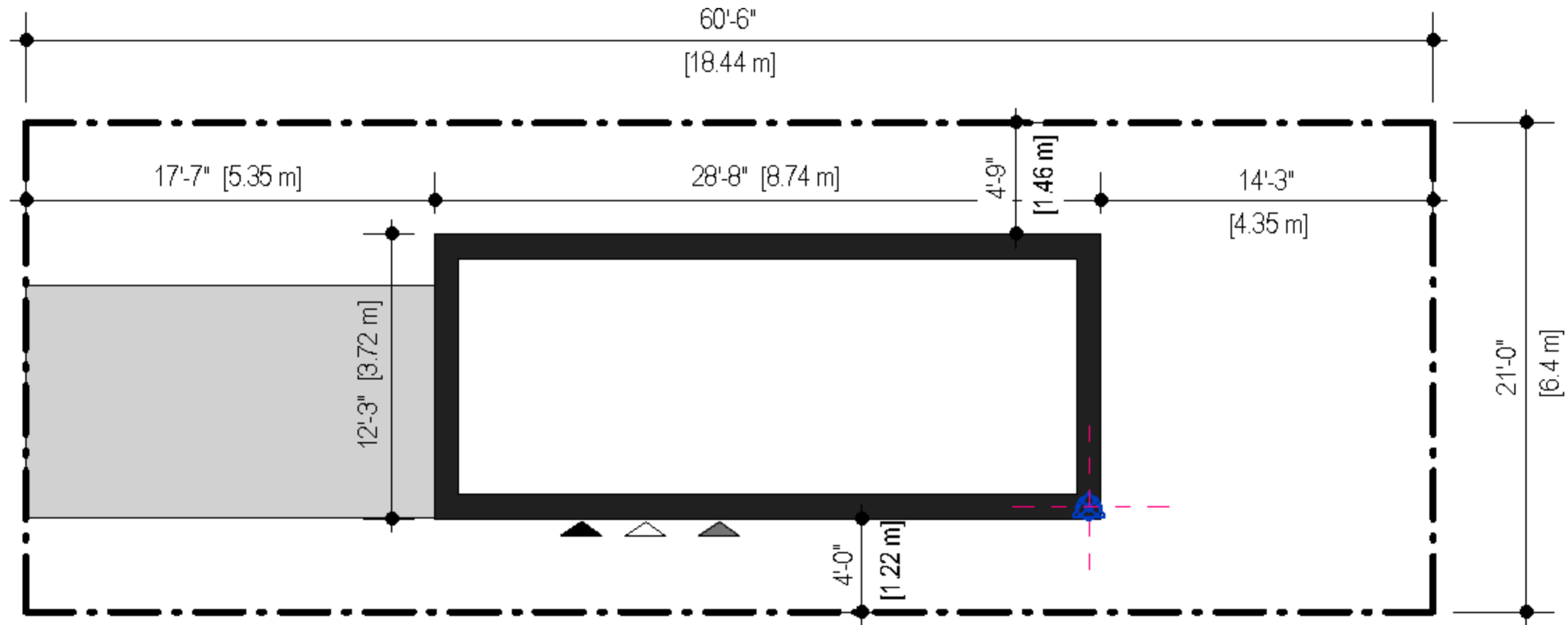
The screenshot shows the Revit software interface. The ribbon is visible, with the 'Group' button highlighted in the 'Titles & Headers' group. Below the ribbon, the 'Room Schedule' table is displayed. The table has columns for Name, Number, R_01 Units, R_02 Floor Mat, R_03 Floor Finish, R_04 Base Mat, and Area. The 'R_02 Floor Mat' column is highlighted in black.

A	B	C	D	E	F	G
Name	Number	R_01 Units	R_02 Floor Mat	R_03 Floor Finish	R_04 Base Mat	Area
MAIN ROOM	001	Unit 1				242 SF
LOCKER	002	Unit 2				25 SF



REVIT PURE LIVE #003
NICOLAS CATELLIER

CREATING DIMENSIONS WITH BOTH UNITS



REVIT PURE LIVE #003
NICOLAS CATELLIER

CREATING A ROOM SCHEDULE GROUPED BY “UNITS”

UNIT	AREA		
	SQFT	SQM	PERCENTAGE
Common	83.6 SF	7.77 m ²	10.5%
Unit 1	378.3 SF	35.15 m ²	47.6%
Unit 2	332.7 SF	30.91 m ²	41.9%
TOTAL BUILDING AREA	794.7 SF	73.83 m ²	100%



CREATE A CALCULATED VALUE

Calculated Value

Name:

Formula Percentage

Discipline:

Type:

Formula:

Schedule Properties

Fields | Filter | Sorting/Grouping | **Formatting** | Appearance | Embedded Schedule

Fields:

- R_01_Units
- Area
- Area (Metric)**

Heading:

Heading orientation:

Alignment:

Field formatting:

Hidden field

Show conditional format on sheets



CHANGE UNITS

Schedule Properties ✕

Fields Filter Sorting/Grouping **Formatting** Appearance Embedded Schedule

Fields:

- R_01_Units
- Area
- Area (Metric)**

Heading:

Heading orientation:

Alignment:

Field formatting:

Hidden field

Show conditional format on sheets

Format ✕

Use project settings

Units:

Rounding: Rounding increment:

Unit symbol:

Suppress trailing 0's



CREATE PERCENTAGE

Calculated Value

Name: Percentage

Formula Percentage

Of: Area

By: <Grand total>

OK Cancel Help



REVIT PURE LIVE #003
NICOLAS CATELLIER

SORT AND GROUP, ADD GRAND TOTALS

Schedule Properties ✕

Fields Filter **Sorting/Grouping** Formatting Appearance Embedded Schedule

Sort by: R_01_Units Ascending Descending
 Header Footer: Blank line

Then by: (none) Ascending Descending
 Header Footer: Blank line

Then by: (none) Ascending Descending
 Header Footer: Blank line

Then by: (none) Ascending Descending
 Header Footer: Blank line

Grand totals: Title and totals
Custom grand total title:
TOTAL BUILDING AREA

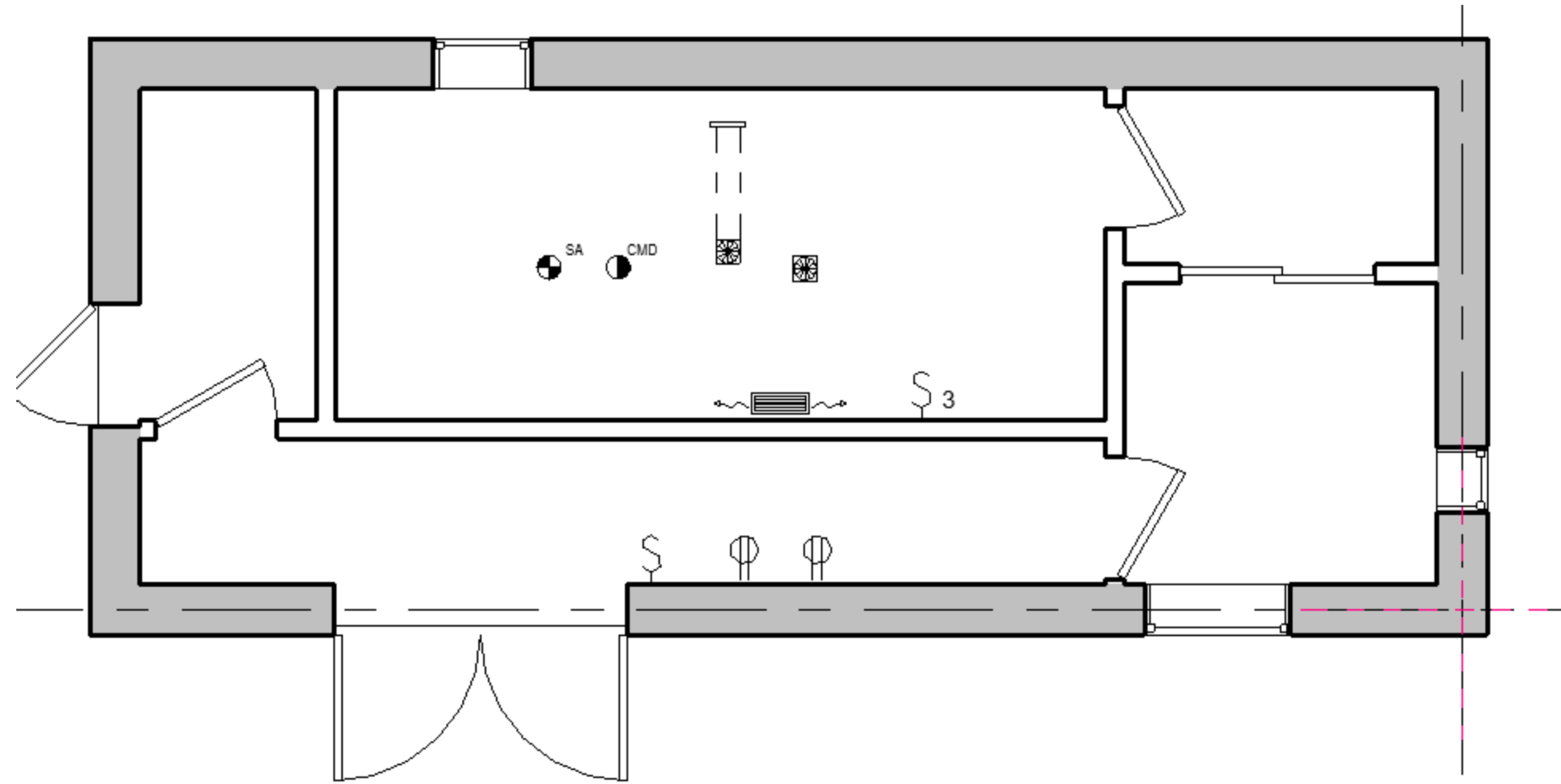
Itemize every instance

OK Cancel Help



REVIT PURE LIVE #003
NICOLAS CATELLIER

ELECTRICAL PLANS

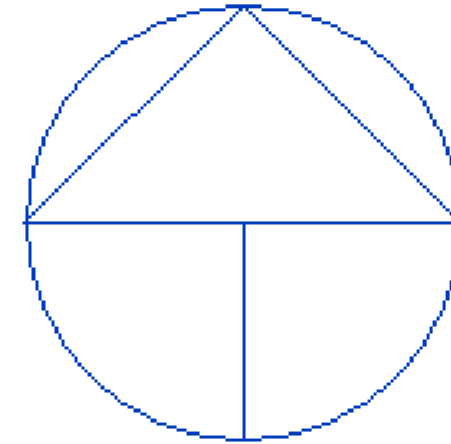


REVIT PURE LIVE #003
NICOLAS CATELLIER

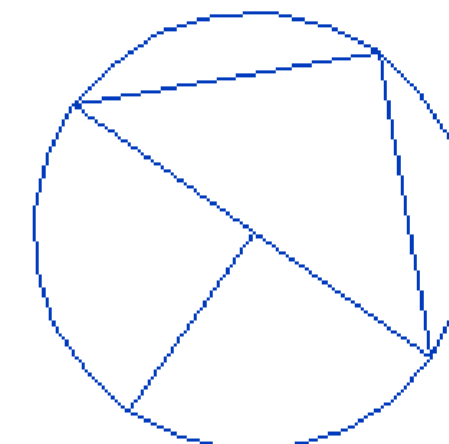
TRUE NORTH IN TITLE BLOCK

Title Blocks (1)		Edit Type
Graphics		
Scale	3/16" = 1'-0"	
Dimensions		
True-North-Angle	35.00°	
Identity Data		
Sheet Name	BASEMENT EXISTING	
Sheet Number	A-02	
Date/Time Stamp	05/25/18	
Sheet Issue Date	05/25/18	
Drawn By	Author	
Checked By	Checker	
Designed By	Designer	
Approved By	Approver	
Sheet Width	1' 5"	
Sheet Height	0' 11"	
Other		
File Path	C:\Users\Nicolas\Googl...	

AND IS RESPONSIBLE FOR ALL DIMENSIONS INCLUDING ROUGH OPENINGS, CONSTRUCTIONS SHALL ONLY COMMENCE AFTER PERMIT APPROVAL, FROM ALL RESPECTIVE AUTHORITIES.



PROJECT NORTH



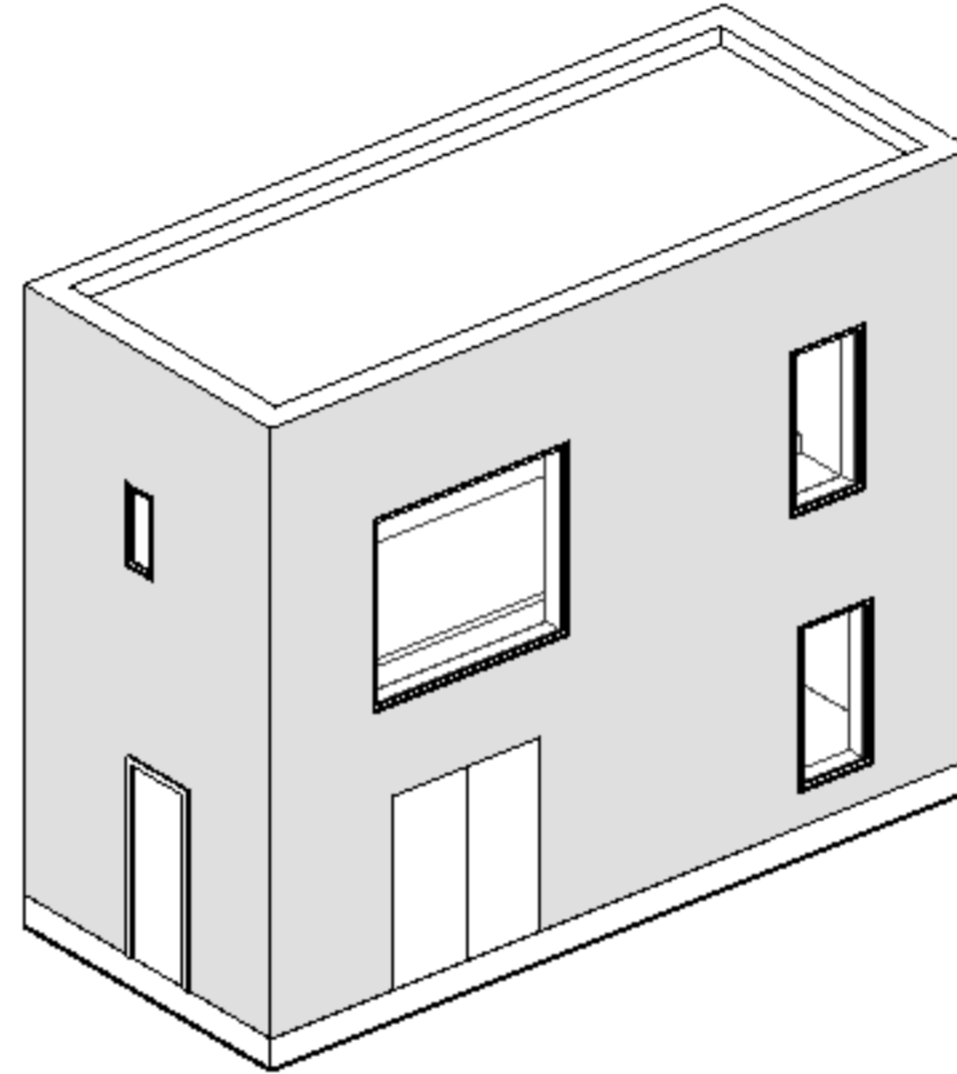
TRUE NORTH

REV	DATE	DESCRIPTION
A	2021-02-05	REVISION 1



REVIT PURE LIVE #003
NICOLAS CATELLIER

SPATIAL SEPARATION SCHEDULE



	LIMITING DISTANCE	MAX. OPENINGS %	WALL AREA	ACTUAL OPENINGS AREA	ACTUAL OPENINGS %
SOUTH SIDE	3'-4 3/4"	14%	534 SF	8 SF	0%
WEST SIDE	6'-0"	20%	250 SF	92 SF	17.2%
NORTH SIDE	8'-0"	76%	350 SF	4 SF	1.6%
EAST SIDE	14'-0"	100%	400 SF	16 SF	4.6%
				22 SF	5.5%



REVIT PURE LIVE #003
NICOLAS CATELLIER

if STATEMENT FORMULA

`if([G_14_Building-Side2] = 1, AREA / [G_10_Wall-Area1], if([G_14_Building-Side2] = 2, AREA / [G_11_Wall-Area2], if([G_14_Building-Side2] = 3, AREA / [G_12_Wall-Area3], AREA / [G_13_Wall-Area4])))`



REVIT PURE LIVE #003
NICOLAS CATELLIER