

# Dynamo Sprint 03

DIM\_03

19.09.2024

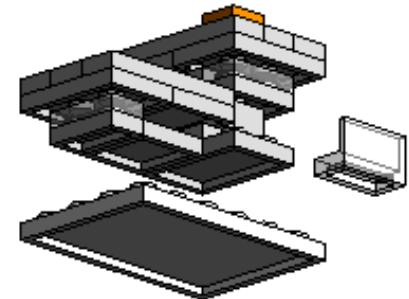
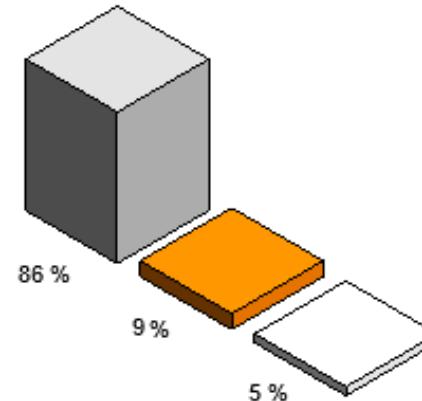
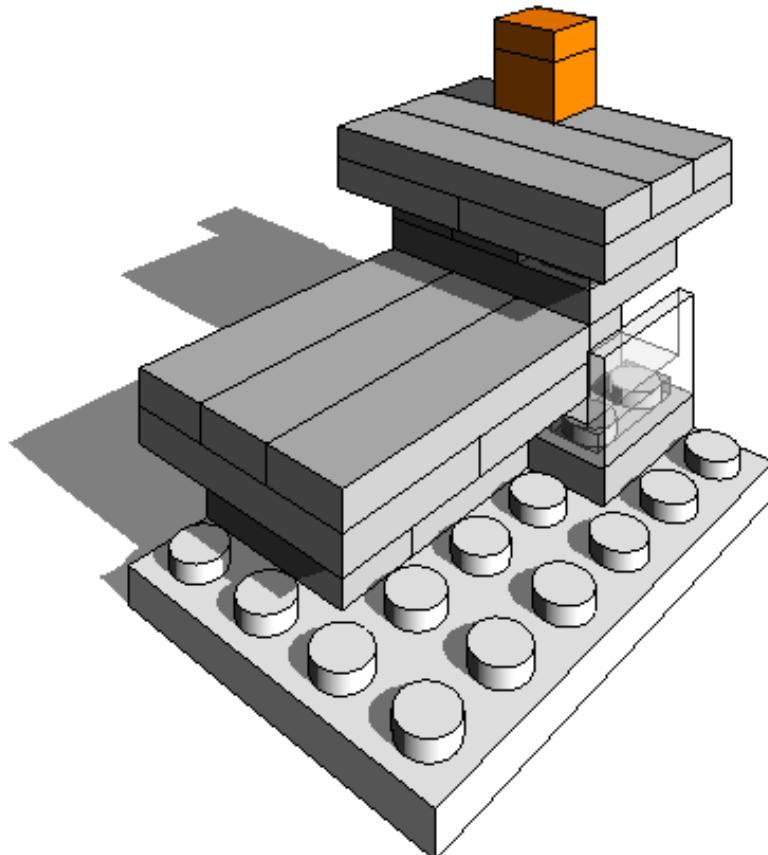


# LHouse Data

Number of bricks: 0

Weight of Project: 0

Cost of Project: 0.00



Source: [www.bricklink.com](http://www.bricklink.com)

LHouse Data Overview						
Count	Family	Type	Weight (Grams)	Material	Cost (Euro)	Comments
1	oneBrickPlate	1H_1x1	0.13	ob_grey	0.17	
1	oneBrickPlate	1H_1x1	0.13	ob_orange	0.17	
1	oneBrickPlate	1H_1x2	0.36	ob_grey	0.11	
1	oneBrickPlate	1H_1x2	0.36	ob_clear	0.11	
1	oneBrickPlate	1H_1x2	0.36	ob_grey	0.11	
1	oneBrickPlate	1H_1x2	0.36	ob_clear	0.11	
1	oneBrickPlate	1H_1x2	0.36	ob_grey	0.11	
1	oneBrickPlate	1H_1x2	0.36	ob_grey	0.11	
1	oneBrickPlate	1H_1x4	0.54	ob_grey	0.67	
1	oneBrickPlate	1H_1x4	0.54	ob_grey	0.67	
1	oneBrickPlate	1H_1x4	0.54	ob_grey	0.67	
1	oneBrickPlate	1H_1x4	0.54	ob_grey	0.67	
1	oneBrickPlate	1H_1x4	0.54	ob_grey	0.67	
1	oneBrickPlate	1H_1x4	0.54	ob_grey	0.67	
1	oneBrickPlate	1H_2x2	0.5	ob_grey	2.00	
1	oneBrickPlate	1H_2x3	0.93	ob_grey	0.36	
1	oneBrickPlate	1H_2x3	0.93	ob_grey	0.36	
1	oneBrickPlate	1H_2x3	0.93	ob_grey	0.36	
1	oneBrickPlate	1H_2x3	0.93	ob_grey	0.36	
1	oneBrickPlate	1H_2x3	0.93	ob_grey	0.36	
1	oneBrickPlate	1H_4x6	3.3	ob_white	0.25	
1	oneBrickPlate	3H_1x1	0.44	ob_orange	0.05	
1	oneBrickPlate	3H_1x2	0.83	ob_grey	0.38	
1	oneBrickAngle	3H_1x2	0.46	ob_clear	0.78	
1	oneBrickAngle	3H_1x2	0.46	ob_grey	0.78	
Grand total: 25			16.69		10.75	

# Create Schedule

The screenshot illustrates the process of creating a schedule in a BIM software environment.

**Project Browser - 20240904\_DIM\_On...**

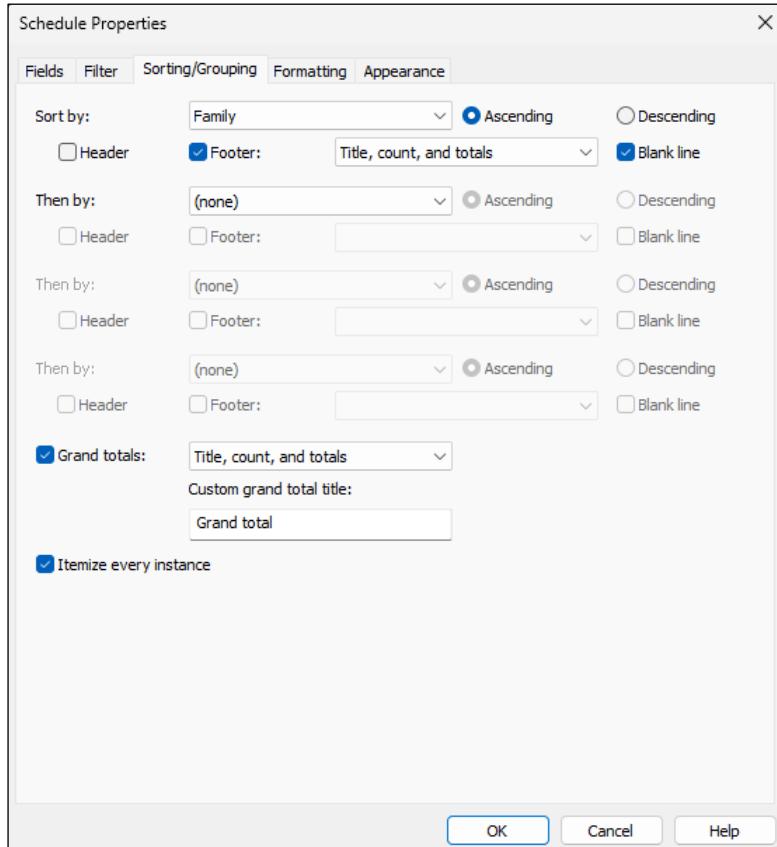
- Schedules/Quantities...** is selected in the context menu.
- New Schedule** dialog box:
  - Name:** Generic Model Schedule
  - Category:** Generic Models (selected)
  - Phase:** New Component
  - Schedule Properties** sub-dialog:
    - Fields** tab: Available fields: Assembly Code, Assembly Description, Assembly Name, Description, Elevation from Level, Exchange Entity ID, Exchange ID, Export to IFC, Export to IFC As, Export Type to IFC As, Family and Type, IFC Predefined Type, IfcLabel, Image, Keynote, Level, Manufacturer, ...
    - Scheduled fields (in order):** Count, Family, Type, Cost, Comments
- OK** button is highlighted in the New Schedule dialog.

**<Generic Model Schedule>**

A	B	C	D	E
Count	Family	Type	Cost	Comments
1	oneBrickPlate	1H_2x3	0.36	
1	oneBrickPlate	1H_2x2	2.00	
1	oneBrickPlate	1H_1x2	0.11	
1	oneBrickPlate	3H_1x2	0.38	
1	oneBrickPlate	1H_1x2	0.11	
1	oneBrickPlate	1H_2x3	0.36	
1	oneBrickPlate	1H_2x3	0.36	
1	oneBrickPlate	1H_1x4	0.67	
1	oneBrickPlate	1H_2x3	0.36	
1	oneBrickPlate	1H_2x3	0.36	
1	oneBrickPlate	1H_1x2	0.11	
1	oneBrickPlate	3H_1x1	0.05	
1	oneBrickPlate	1H_1x2	0.11	
1	oneBrickAngle	3H_1x2	0.78	
1	oneBrickPlate	1H_1x1	0.17	
1	oneBrickPlate	1H_1x4	0.67	
1	oneBrickPlate	1H_1x2	0.11	
1	oneBrickPlate	3H_1x2	0.78	
1	oneBrickPlate	1H_1x4	0.67	
1	oneBrickPlate	1H_1x4	0.67	
1	oneBrickAngle	3H_1x2	0.78	
1	oneBrickPlate	1H_4x6	0.25	

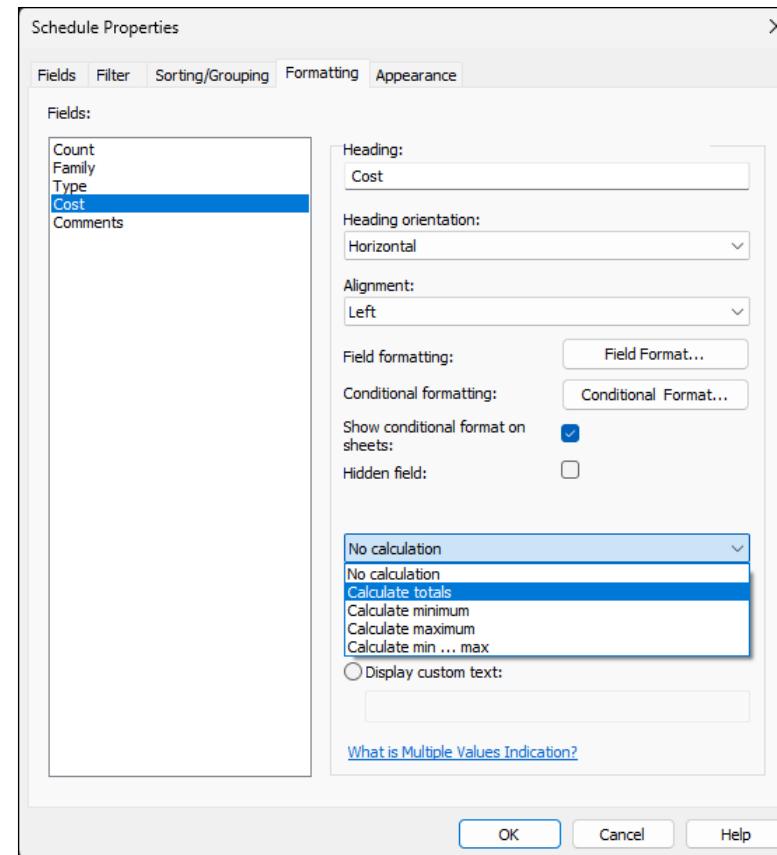
# Sorting

(Grand totals, Itemize every instance)



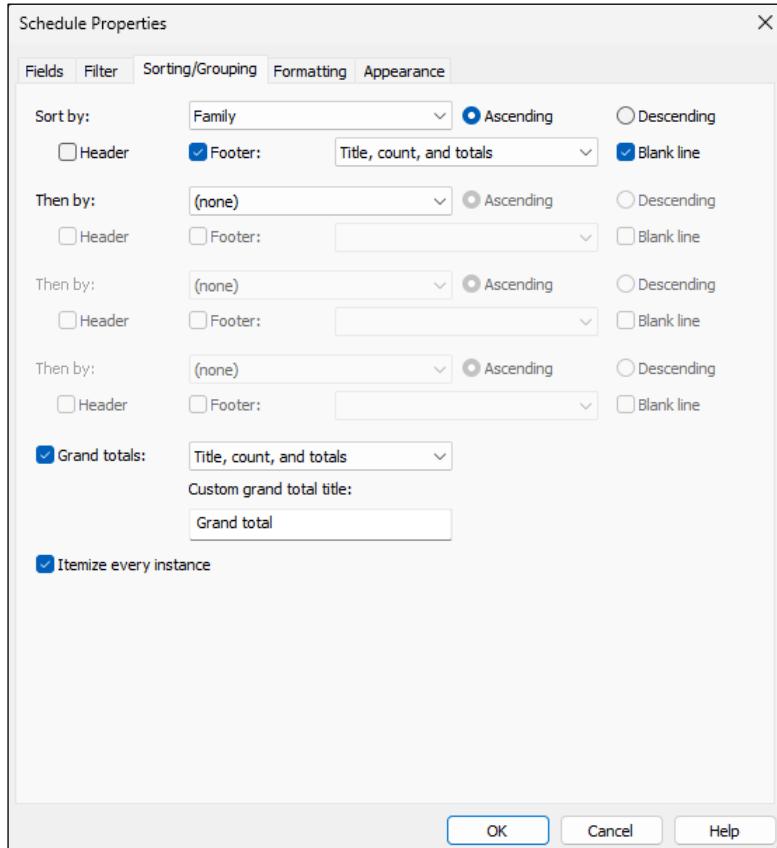
# Formatting

(Calculate totals)



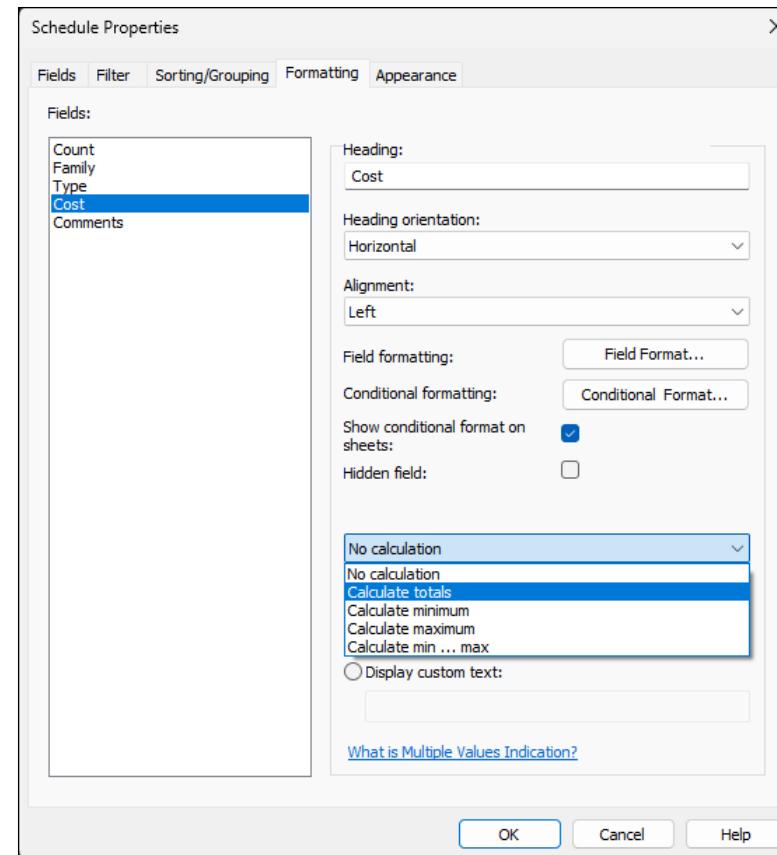
# Sorting

(Grand totals, Itemize every instance)



# Formatting

(Calculate totals)



# Drag schedule to sheet

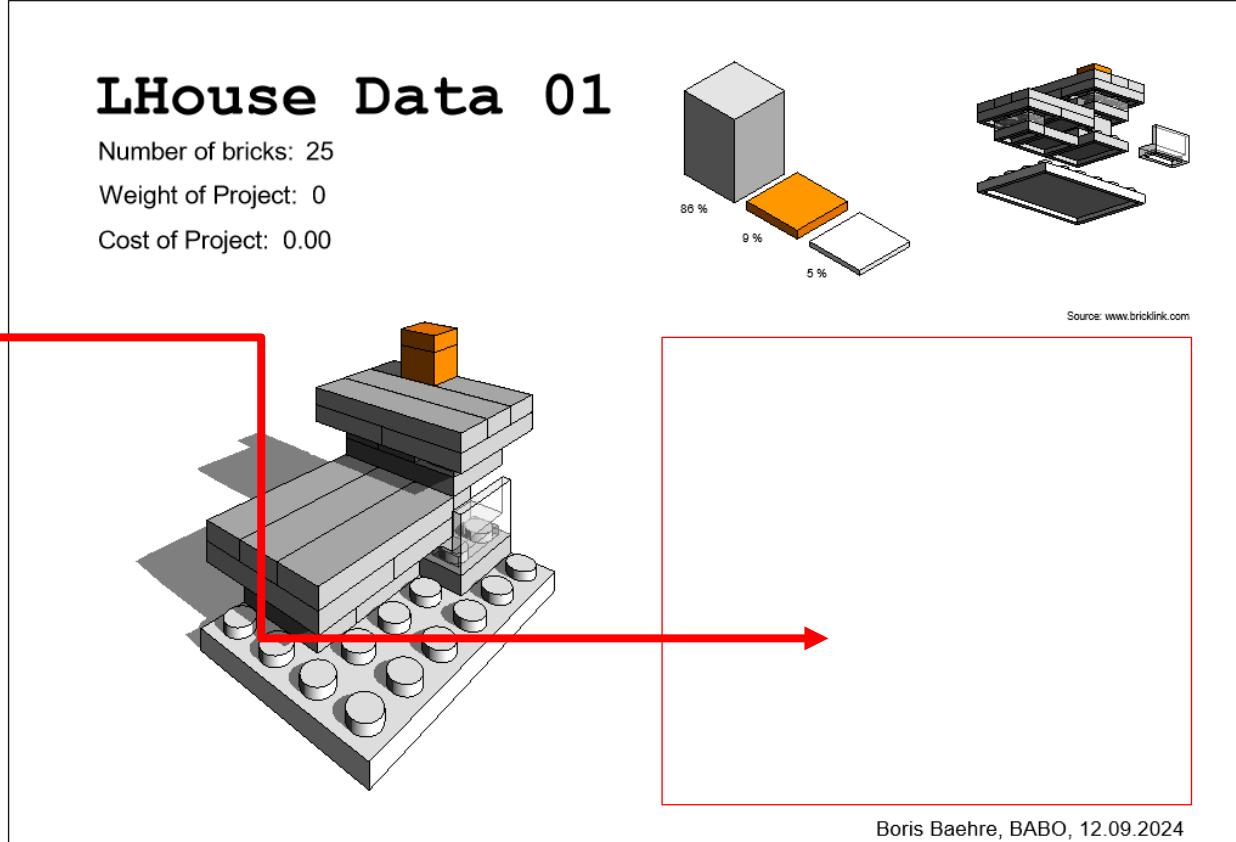
Project Browser - 20240904\_DIM\_On... X 01 - Project\_Datasheet\_01 X {3D} LHouse Data Overview

L005\_Top  
3D Views  
Elevations (Building Elevation)  
Legends  
Schedules/Quantities (all)  
**LHouse Data Overview**  
Sheets (all)  
01 - Project\_Datasheet\_01  
02 - Project\_Datasheet\_02  
Families  
Analytical Links  
Annotation Symbols  
Automatic Up/Down Direction  
BarGraphLabel  
Bending Detail  
Fixed Up Direction  
M\_Area Tag  
M\_Callout Head  
M\_Centreline  
M\_Door Tag  
M\_Elevation Mark Body\_Circle  
M\_Elevation Mark Body\_Square  
M\_Elevation Mark Pointer\_Circle  
M\_Elevation Mark Pointer\_Square  
M\_Grid Head - Circle

## LHouse Data 01

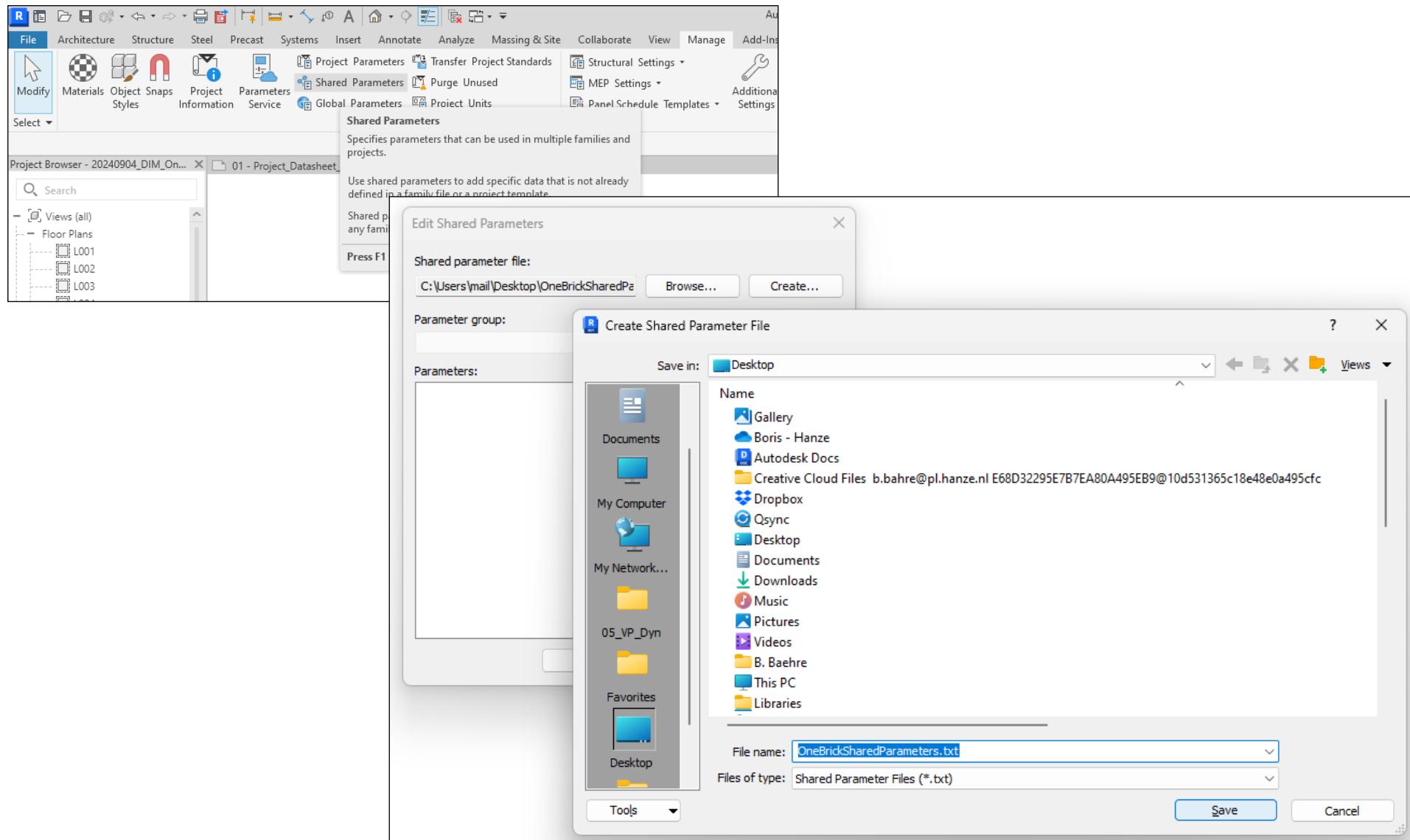
Number of bricks: 25  
Weight of Project: 0  
Cost of Project: 0.00

Source: www.bricklink.com

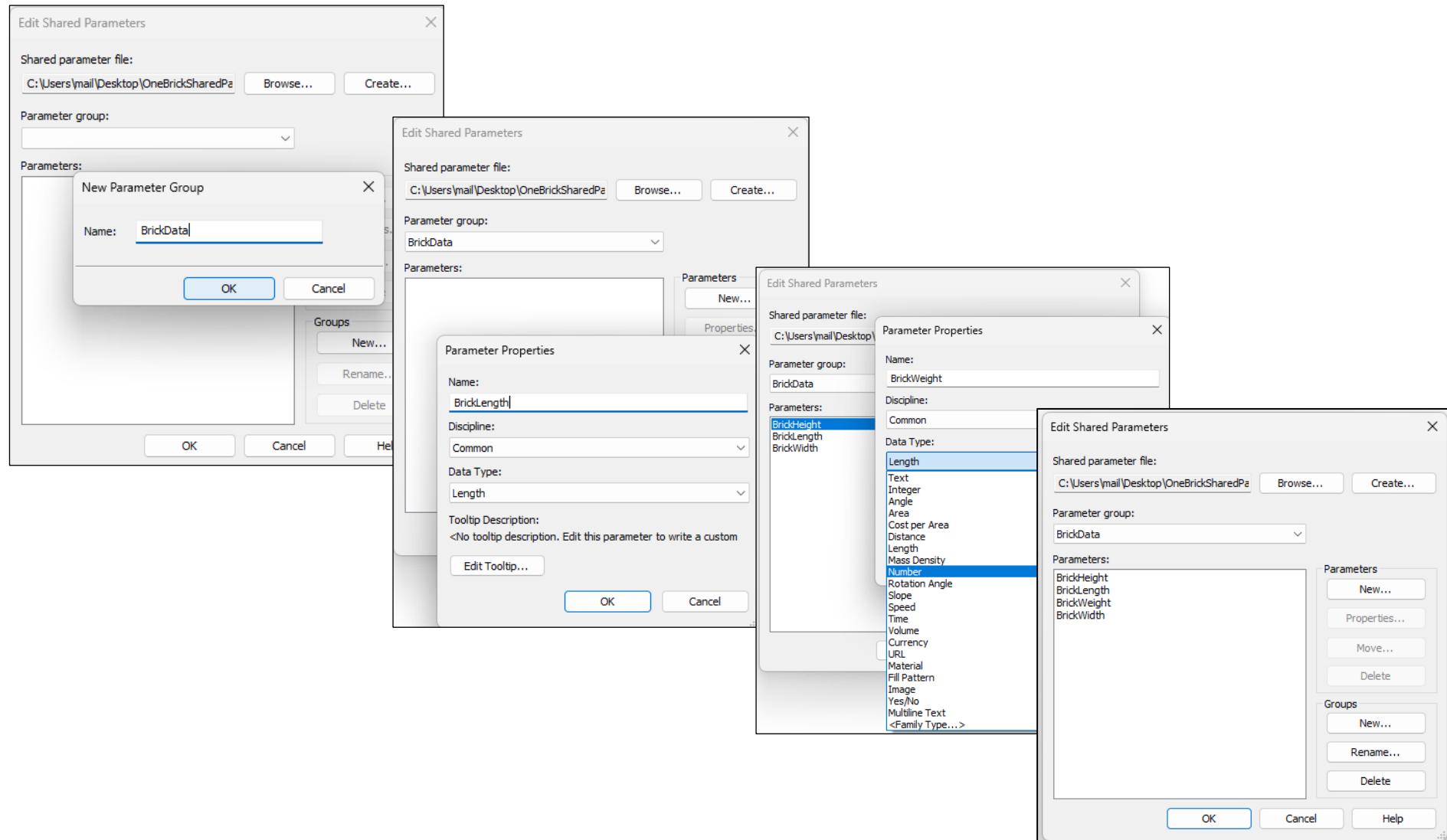


Boris Baehre, BABO, 12.09.2024

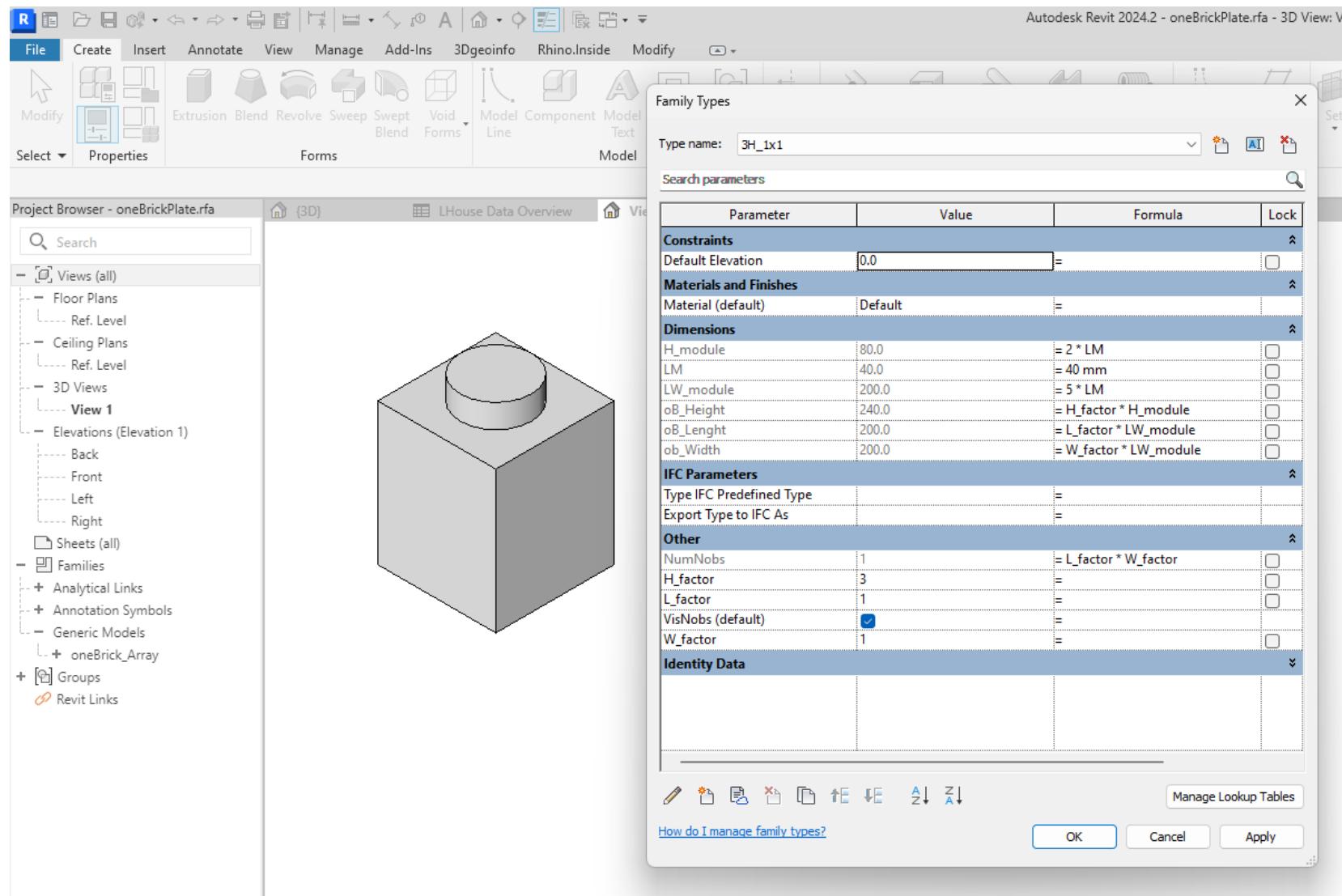
# Custom/Shared Parameters



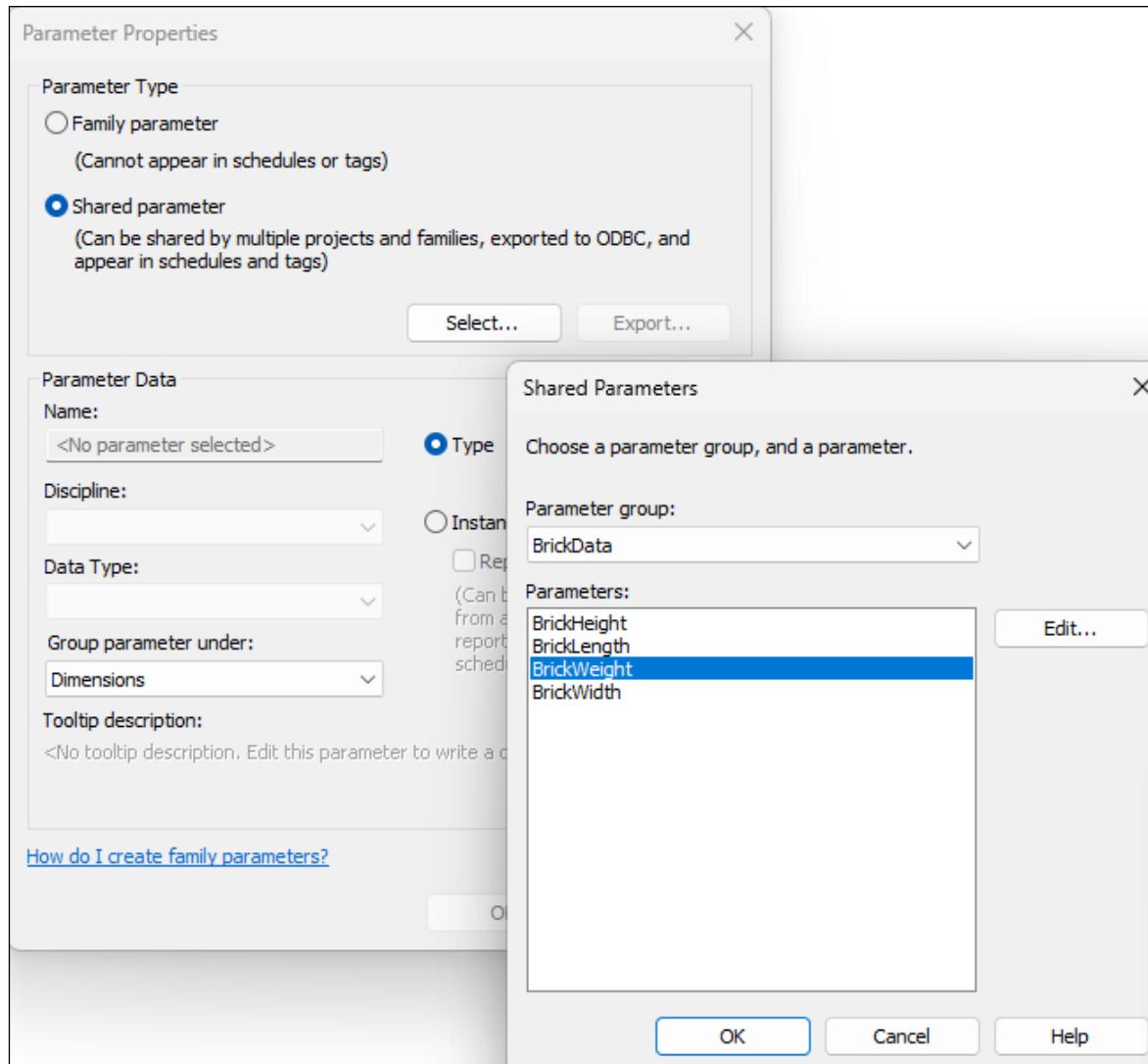
# Create group & parameters



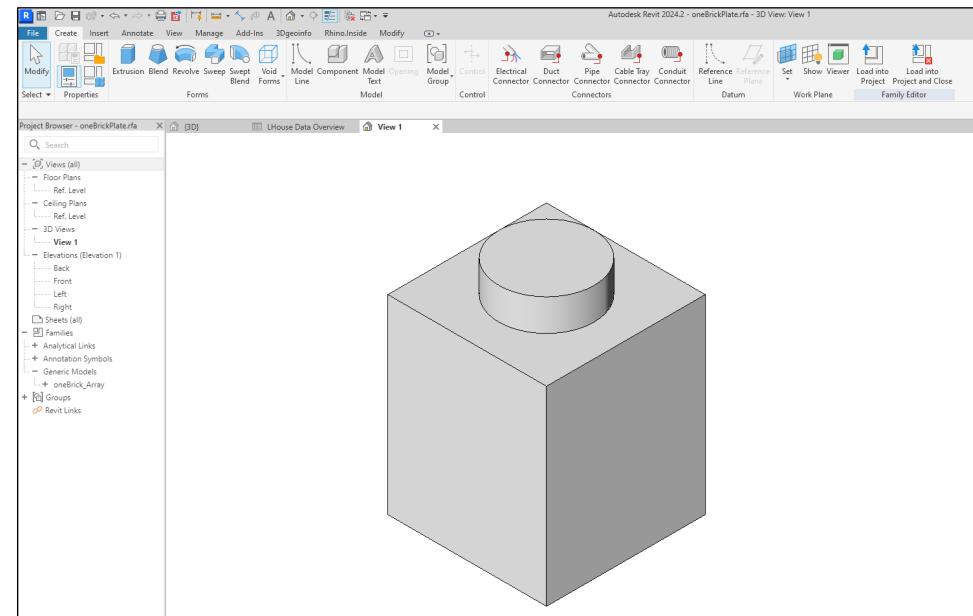
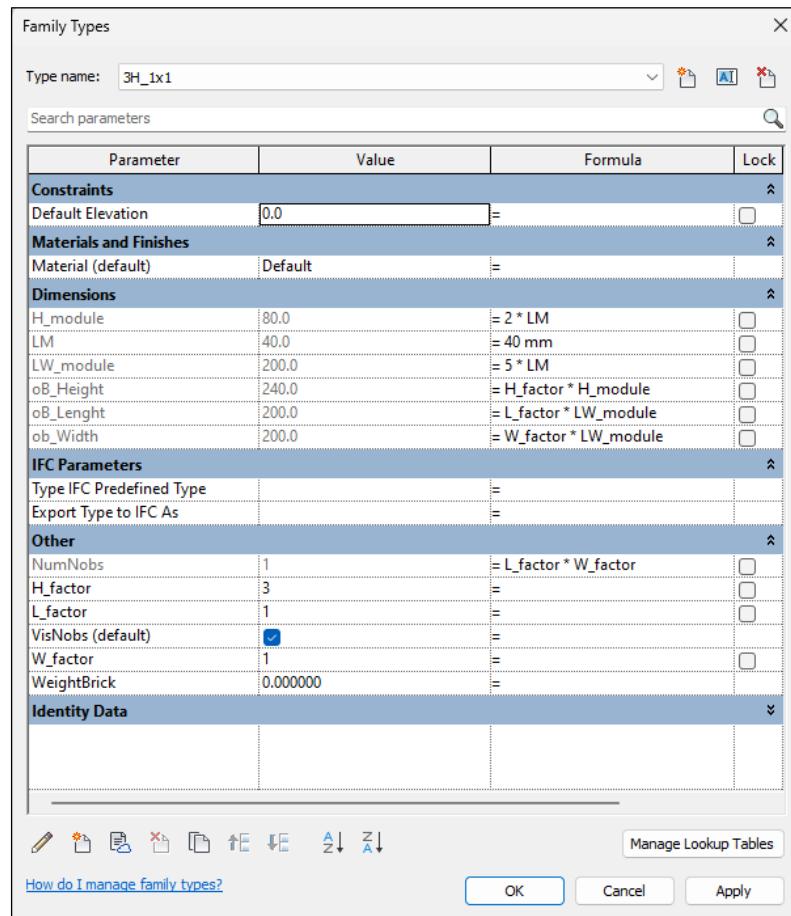
# Open Family & Family Types



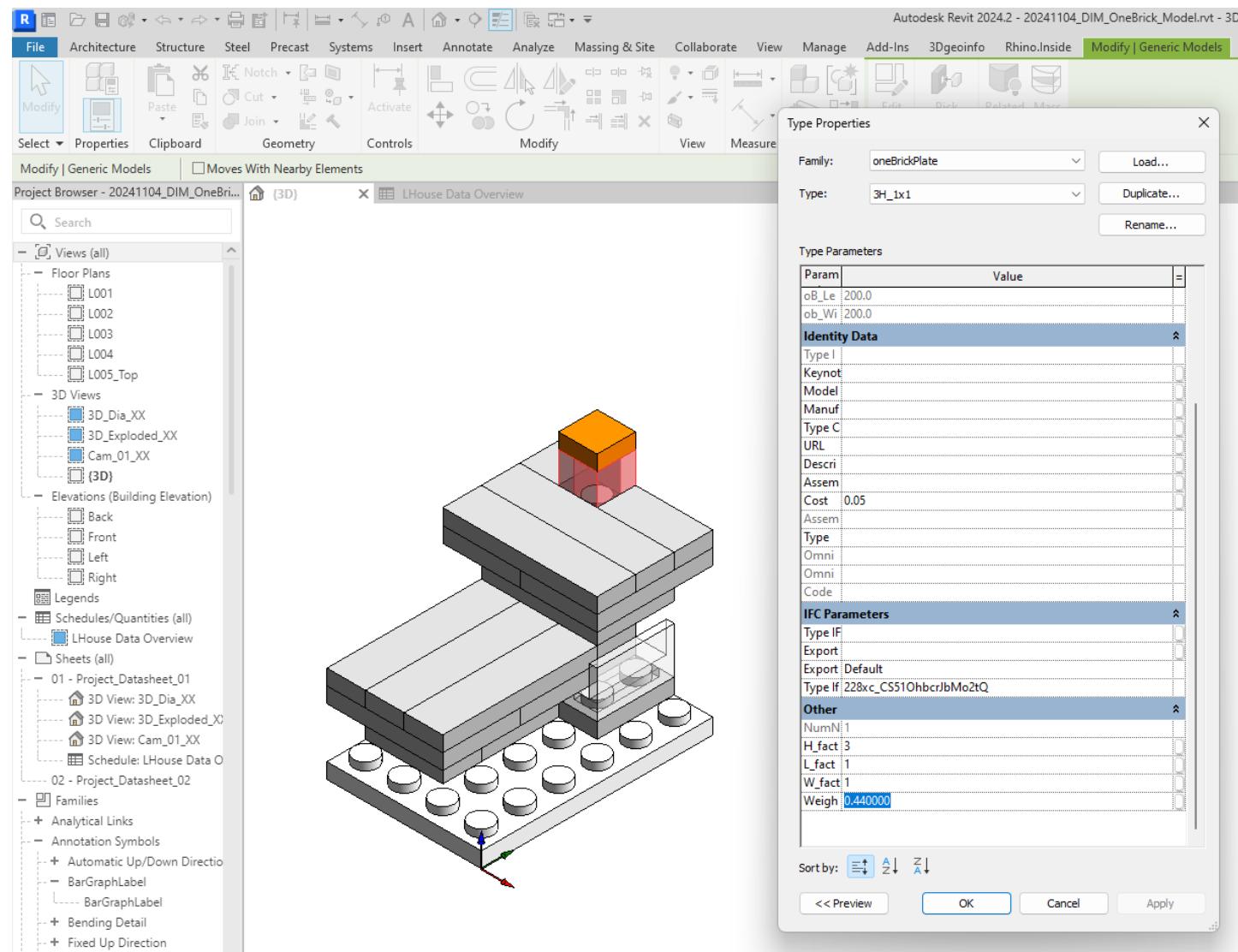
# Create a new parameter based on the shared parameter file



# Load family into project



# Add values to shared parameter



# Find & Add Shared Parameter to schedule

Note: You can add as many shared parameters (type or Instance) to the Families as you like. Feel free to create a shared parameter file and share it with your team – all members will have the same parameters and name to work with.

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