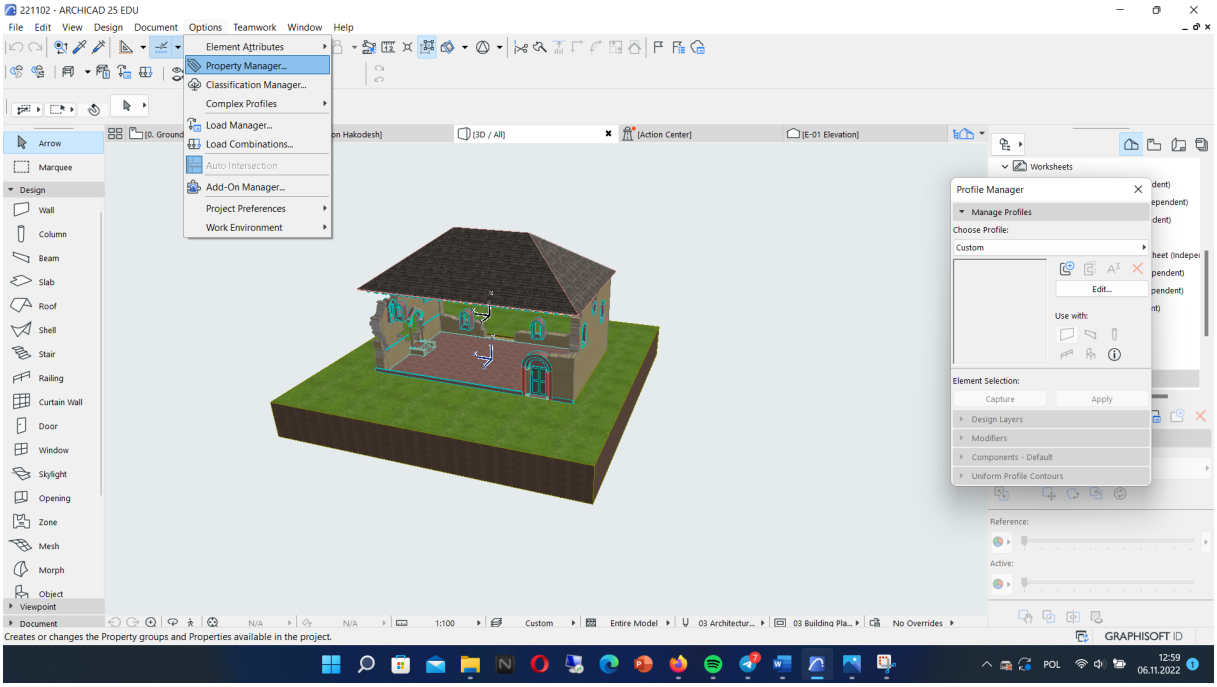
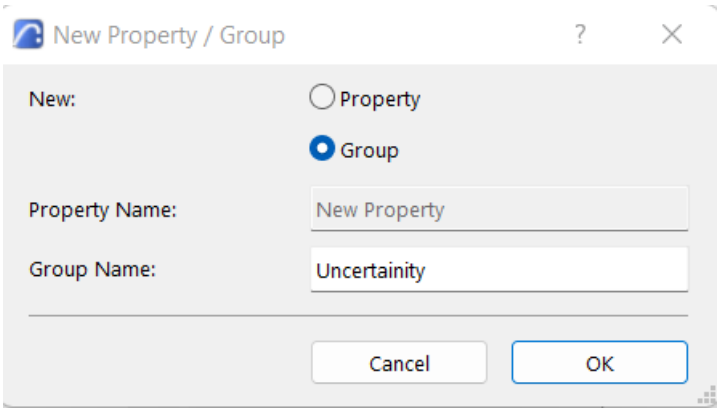
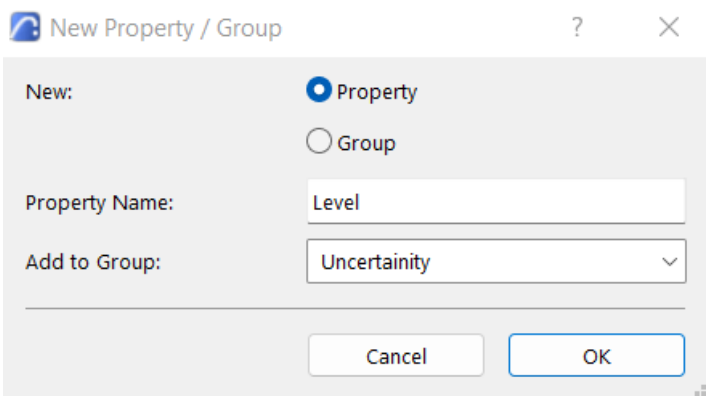
Creation of the parameter

Firstly I need to go to Property Manager to add new Parameter, which will be showed in all objects.

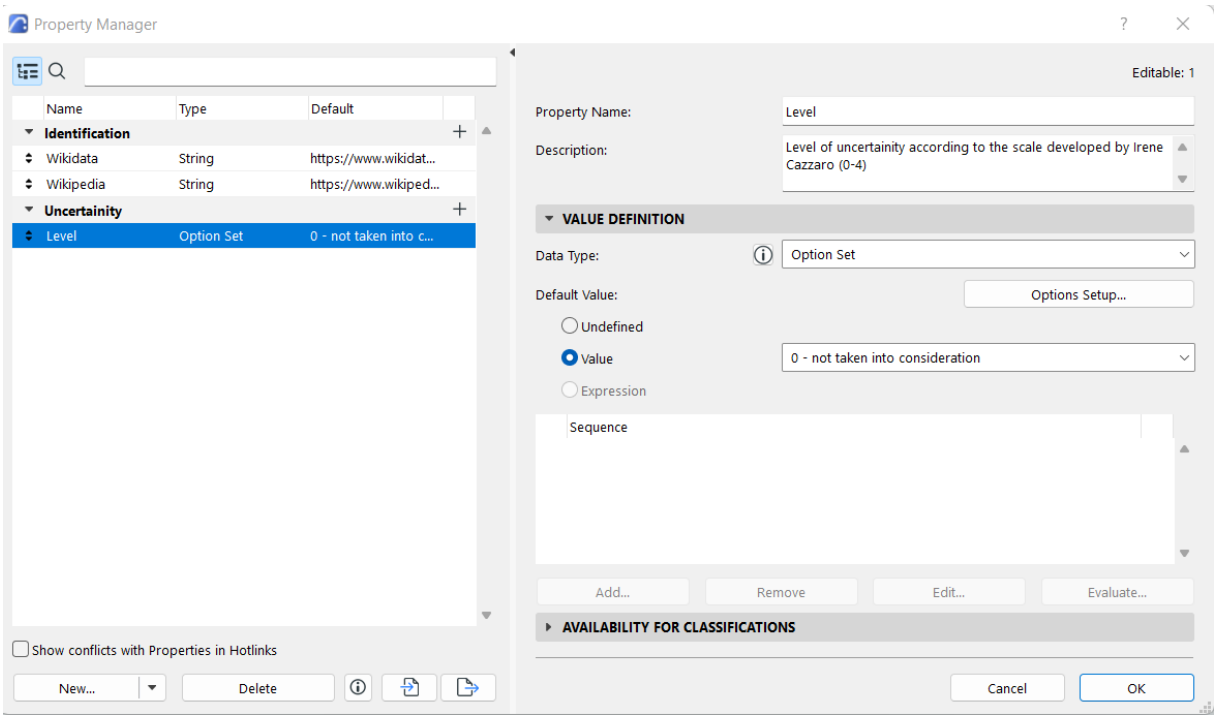


I've created new Group of properties called "Uncertainty" and I added to it property called "Level".

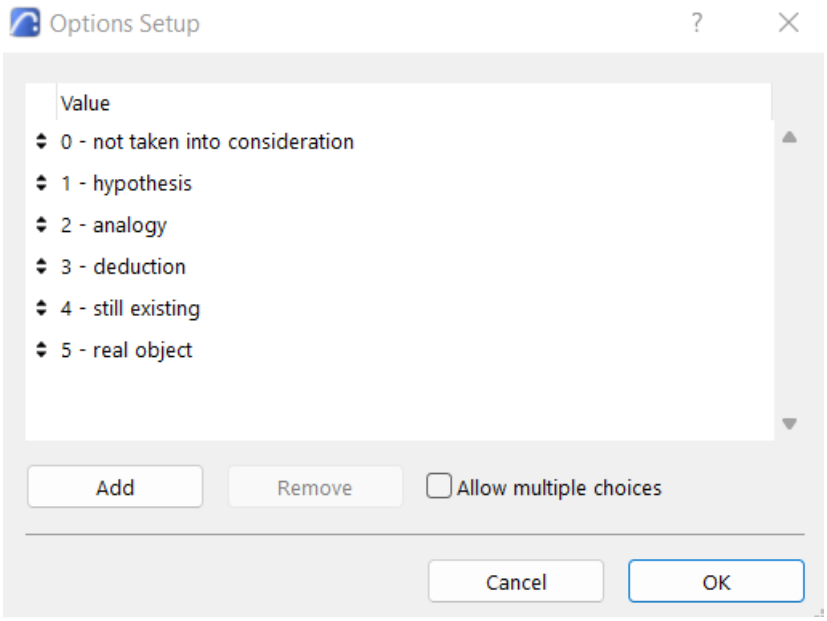


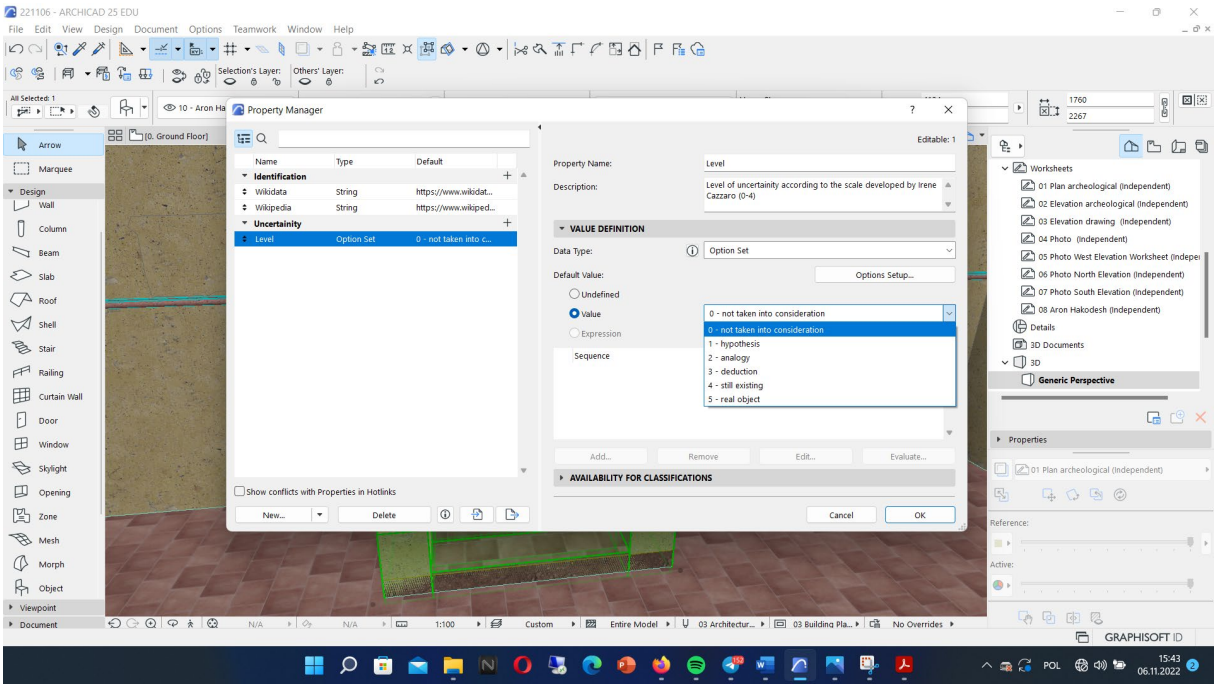


I've added short description of the parameter and I've ser the data type to the "Option set". This type of data allows to prepare the list of possible values, which user can pick from the list.



I put all the possible values to the option set according to the provided uncertainty scale.

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File Edit View Design Document Options Teamwork Window Help
Property Manager
Name Type Default
Identification
Wikidata String https://www.wikidat...
Wikipedia String https://www.wikiped...
Uncertainity
Level Option Set 0 - not taken into c...
Show conflicts with Properties in Hotlinks
New... Delete
Editable: 1
Property Name: Level
Description: Level of uncertainity according to the scale developed by Irene Cazzaro (0-4)
VALUE DEFINITION
Data Type: Option Set
Default Value: Options Setup...
Undefined
Value 0 - not taken into consideration
Expression
Sequence
0 - not taken into consideration
1 - hypothesis
2 - analogy
3 - deduction
4 - still existing
5 - real object
Add... Remove Edit... Evaluate...
AVAILABILITY FOR CLASSIFICATIONS
Cancel OK
Arrow
Marquee
Design
Wall
Column
Beam
Slab
Roof
Shell
Stair
Railing
Curtain Wall
Door
Window
Skylight
Opening
Zone
Mesh
Morph
Object
Viewpoint
Document
Worksheets
01 Plan archeological (Independent)
02 Elevation archeological (Independent)
03 Elevation drawing (Independent)
04 Photo (Independent)
05 Photo West Elevation Worksheet (Indepe
06 Photo North Elevation (Independent)
07 Photo South Elevation (Independent)
08 Aron Hakodesh (Independent)
Details
3D Documents
3D
Generic Perspective
Properties
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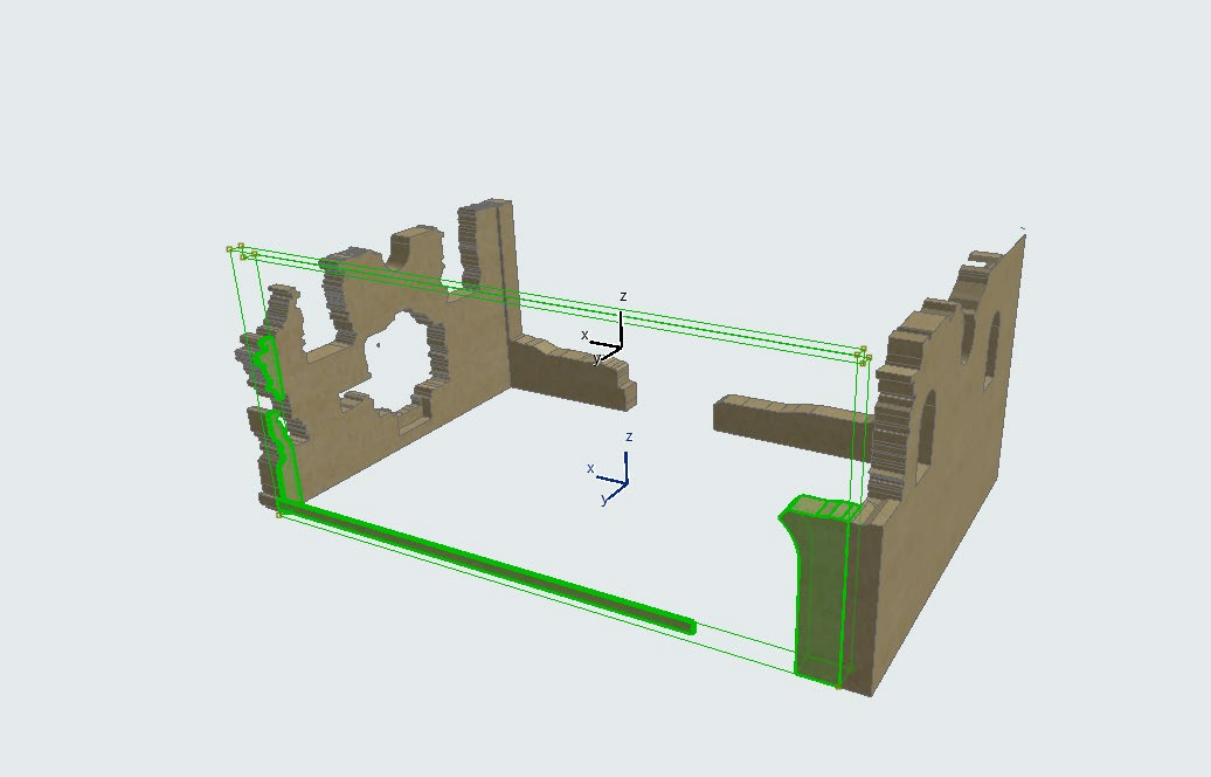
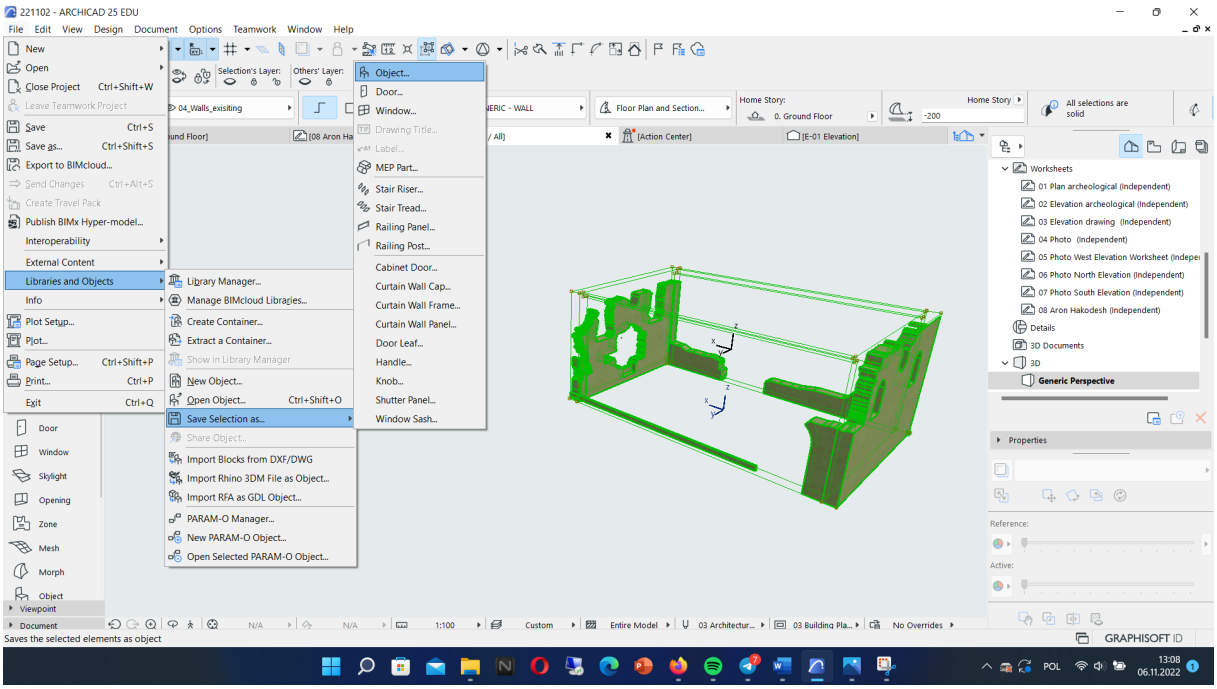
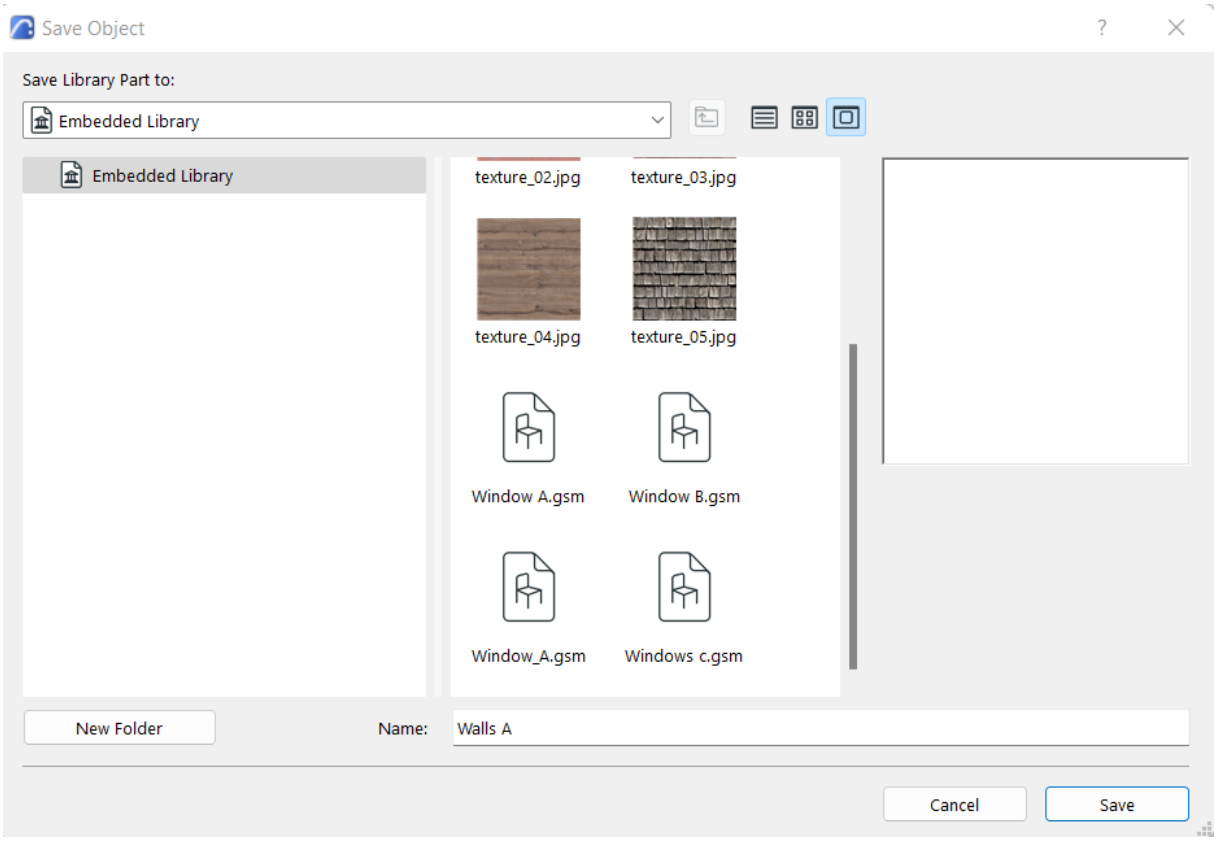
Creation of complex objects

Some objects needed to be saved as on even if they were created from several components. For instance, all walls should be consider as one object. They are just divided on the parts, which are still existing and parts, which are reconstructed. After creation right shapes (with use of “Solid Element Operation”) I received four walls relicts.

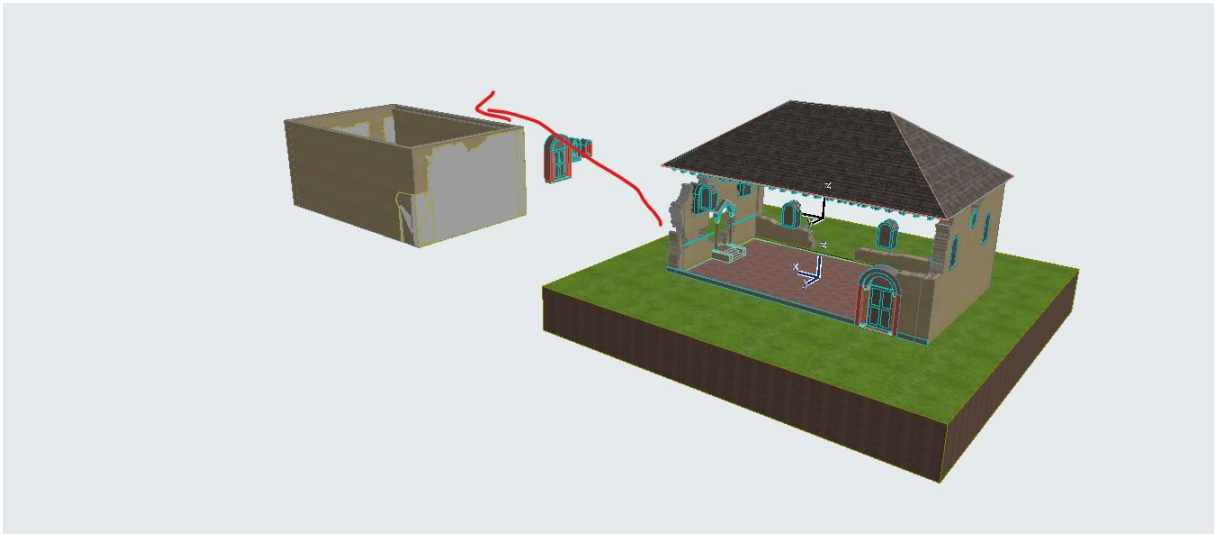


To create one object from them I needed to got to select all of them and save them as an object in internal project library:

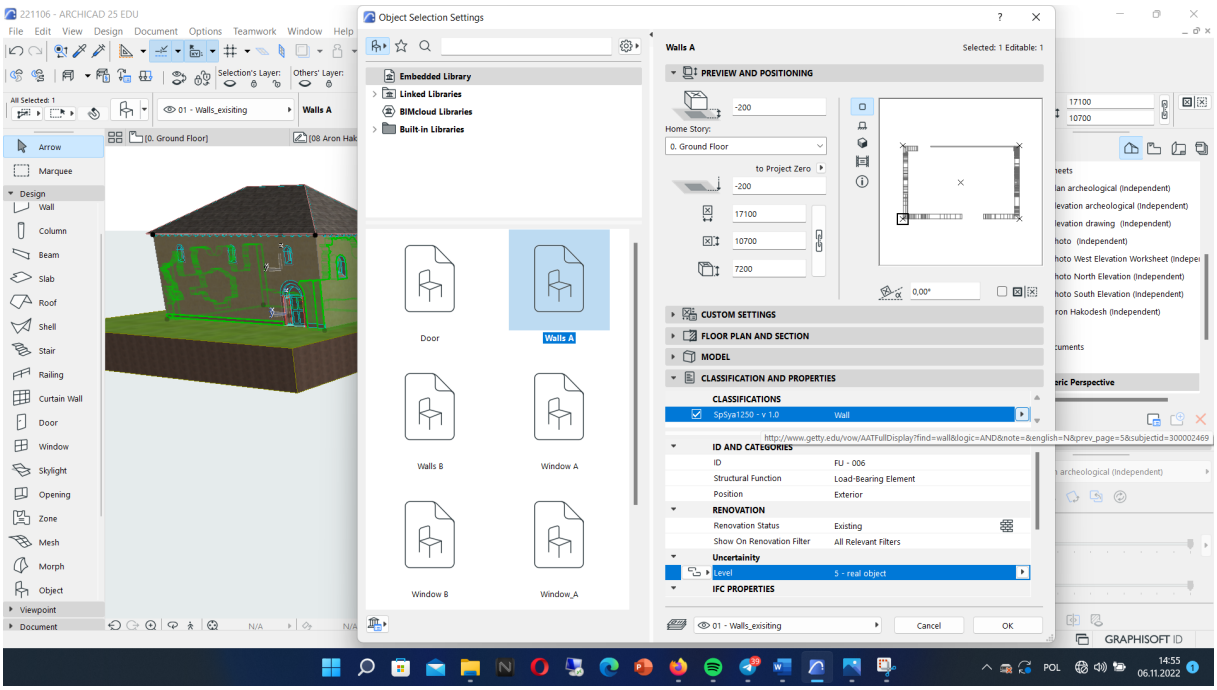




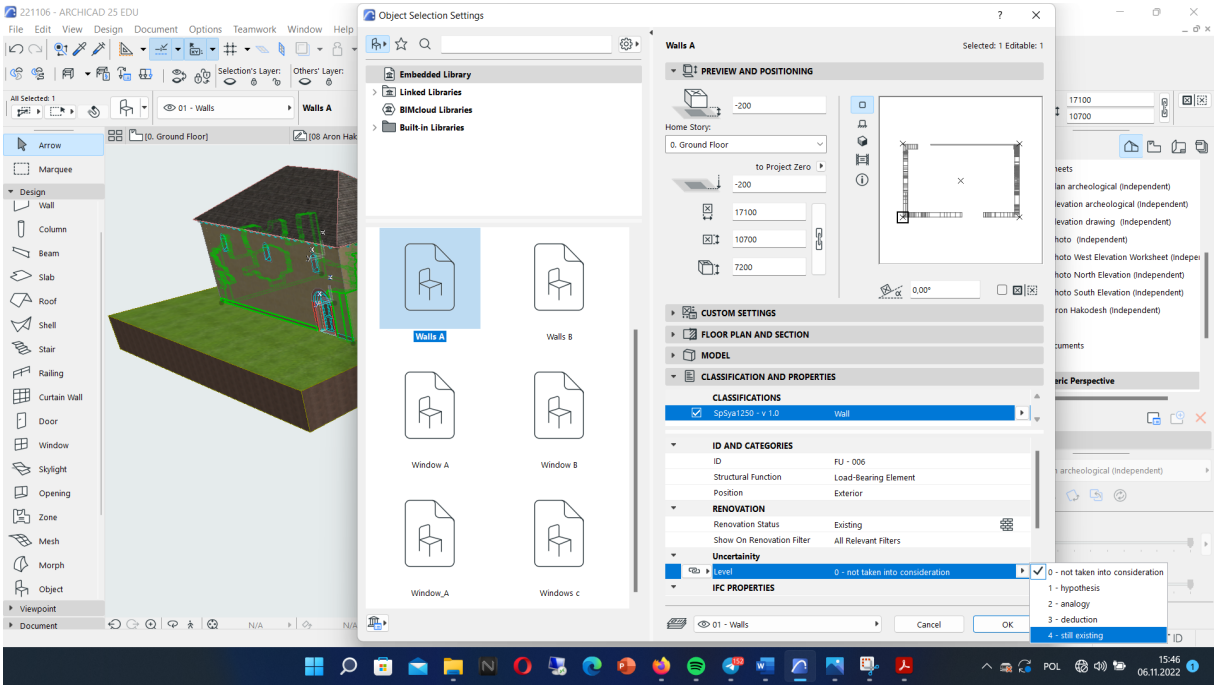
Then original walls were moved to the side and object “Wall A” was placed in the right position:



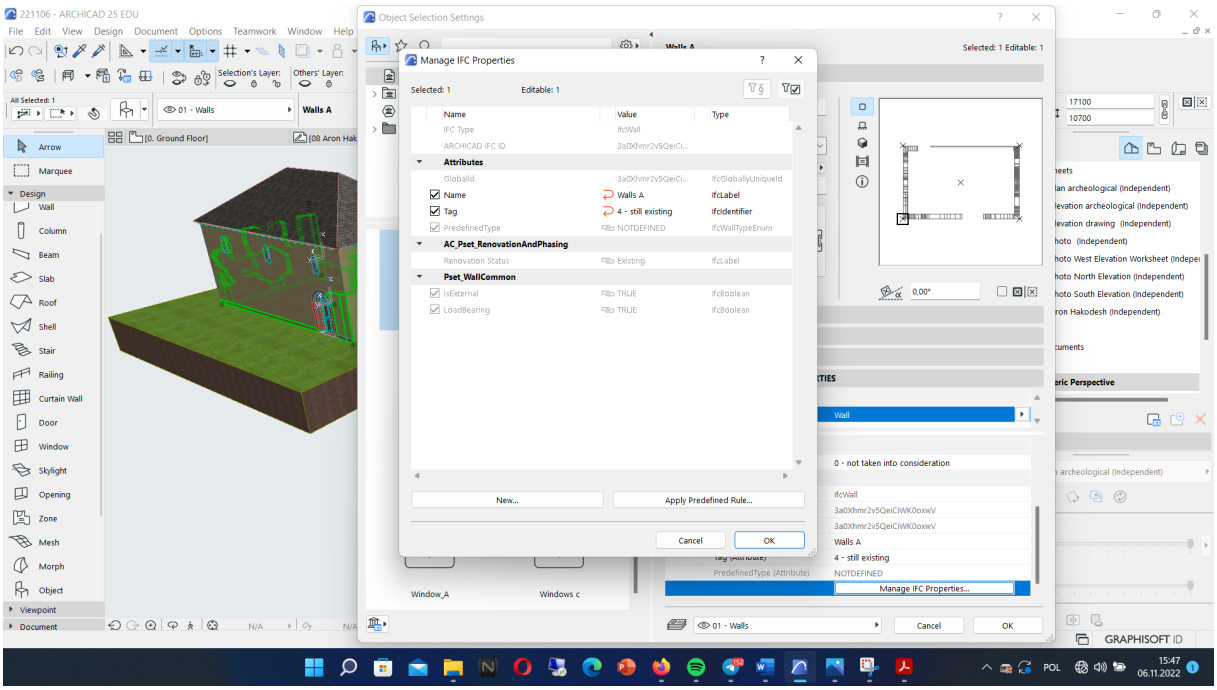
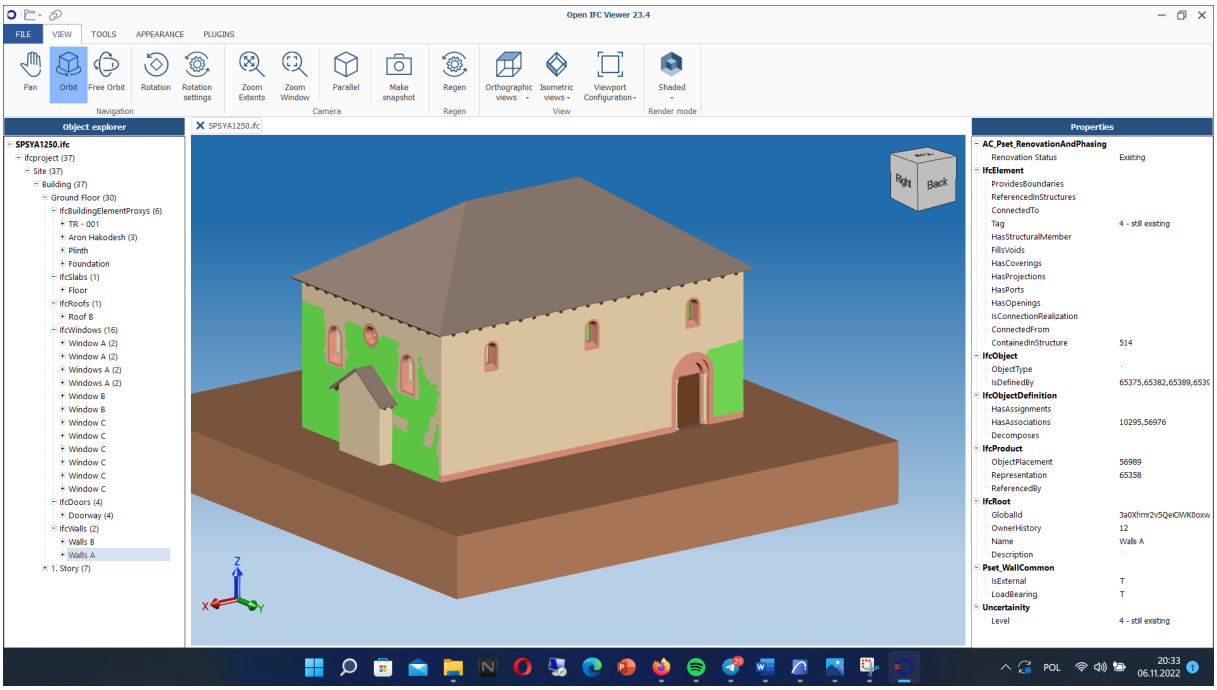
Then I changed properties of the object under the “CLASSIFICATION AND PROPERITES” section. The process I will explain on the example of the object “Wall A”. In “CLASSIFICATION” I picked hierarchy prepared for this project called “SpSya1250 - v1.0”. I picked class “wall” from the hierarchy.



Then in uncertainty section I picked the right level from the list:



The last part was to adjust the IFC export information. I've entered "IFC PROPERTIES" section and I've changed the "Name" attribute to "Walls A" and "Tag" attribute to "4 – still existing".



The IFC options weren't investigate in deep and it is possible that deeper there is a potential to use IFC standard options for further research and investigation. After opening the IFC export in Open IFC Viewer the uncertainty parameter is still accessible.