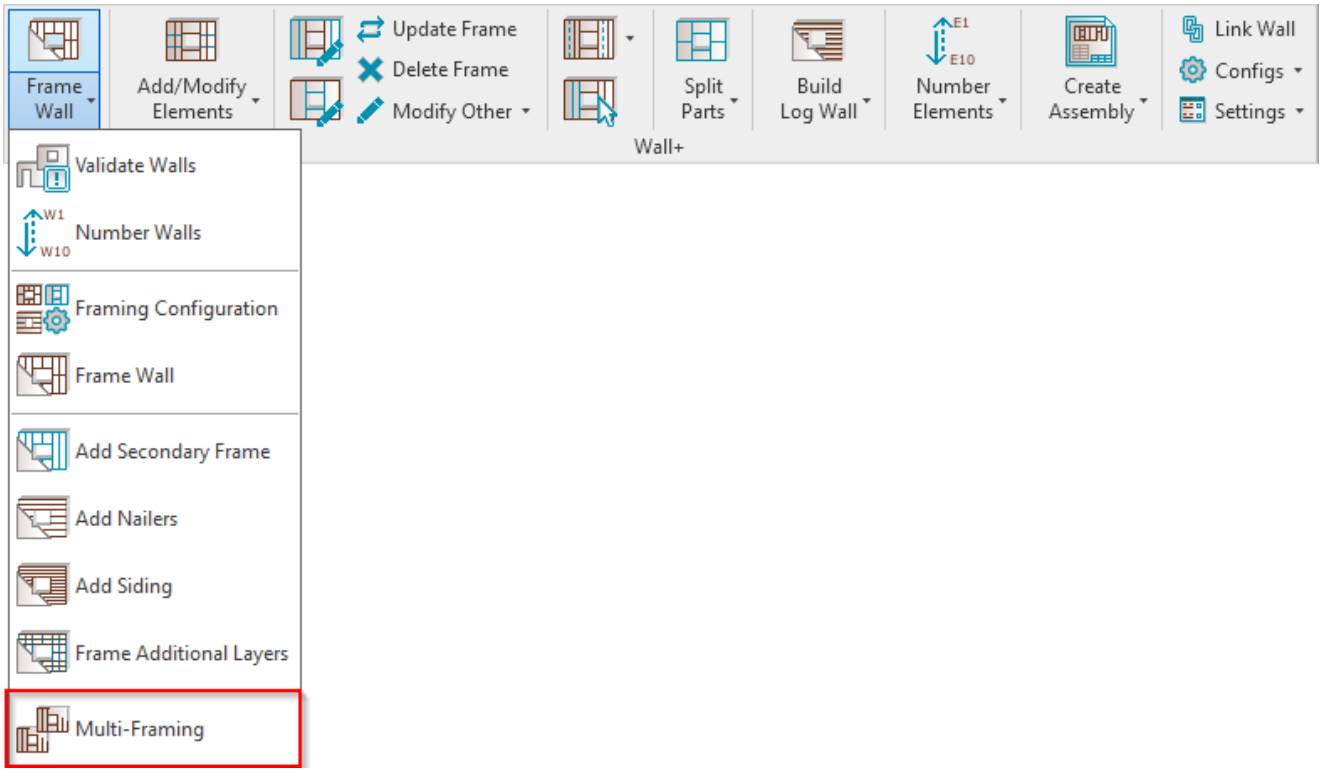
MULTI-FRAMING

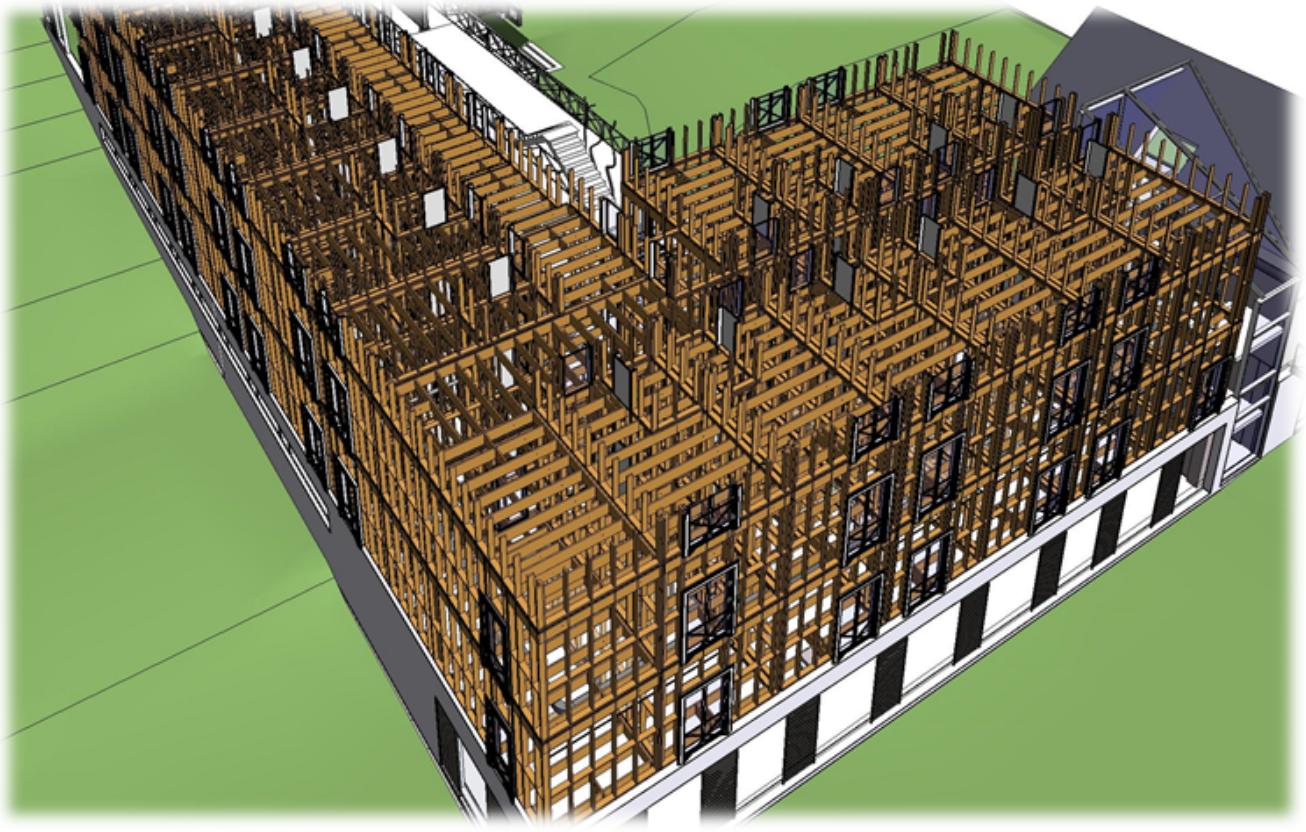
Modified on: Wed, 14 Aug, 2019 at 4:26 PM

Multi-Framing

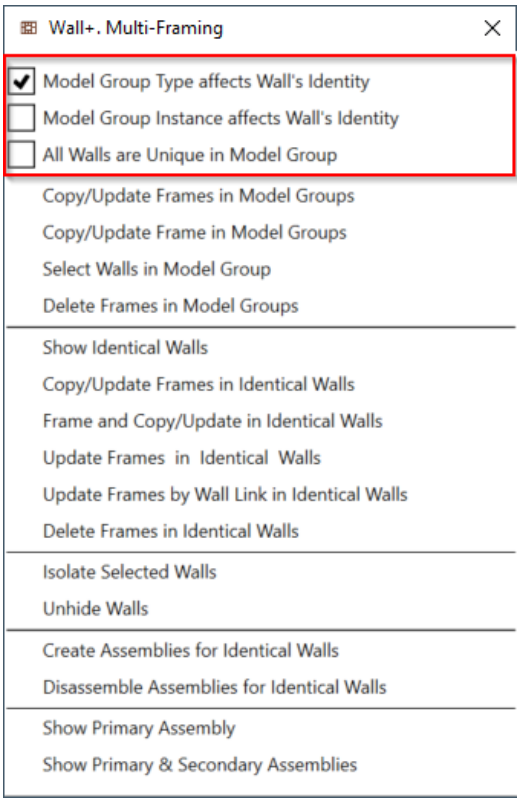


Multi-Framing features work extremely well in big projects, like multi-storey houses.

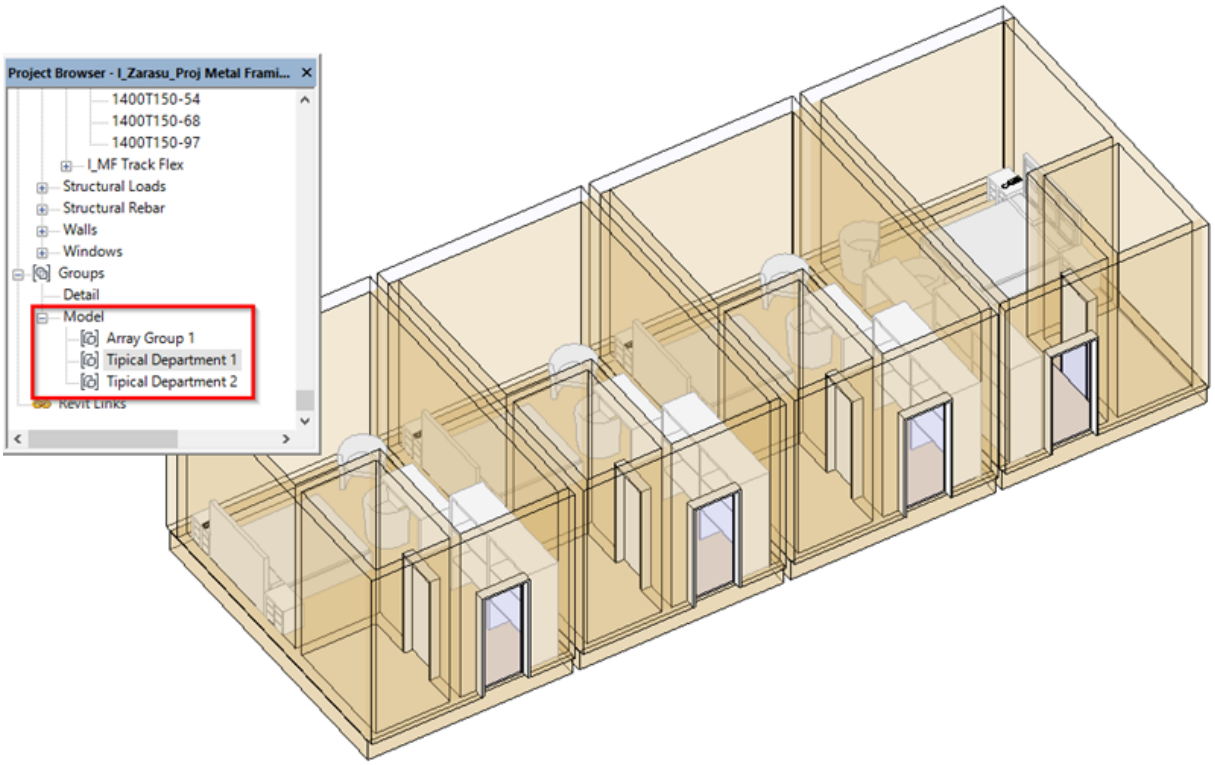
An additional window opens that contains tools for multi-framing tasks. Multi-Framing is used when there are groups or identical walls in a given project. Using Multi-Framing tools you can easily transfer framing elements between identical walls and update them automatically.



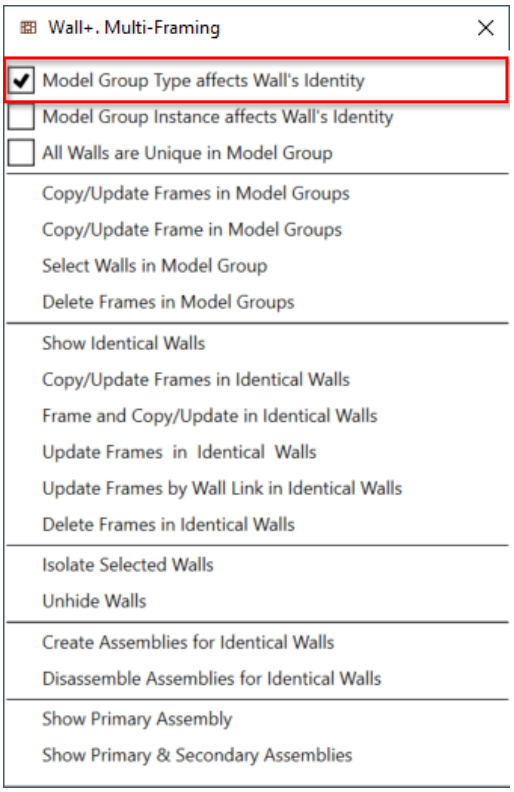
Filtering Rules in Model Groups



Filtering rules for work with walls from model groups. **Model Groups** should be created using Revit's **Create Group** function.

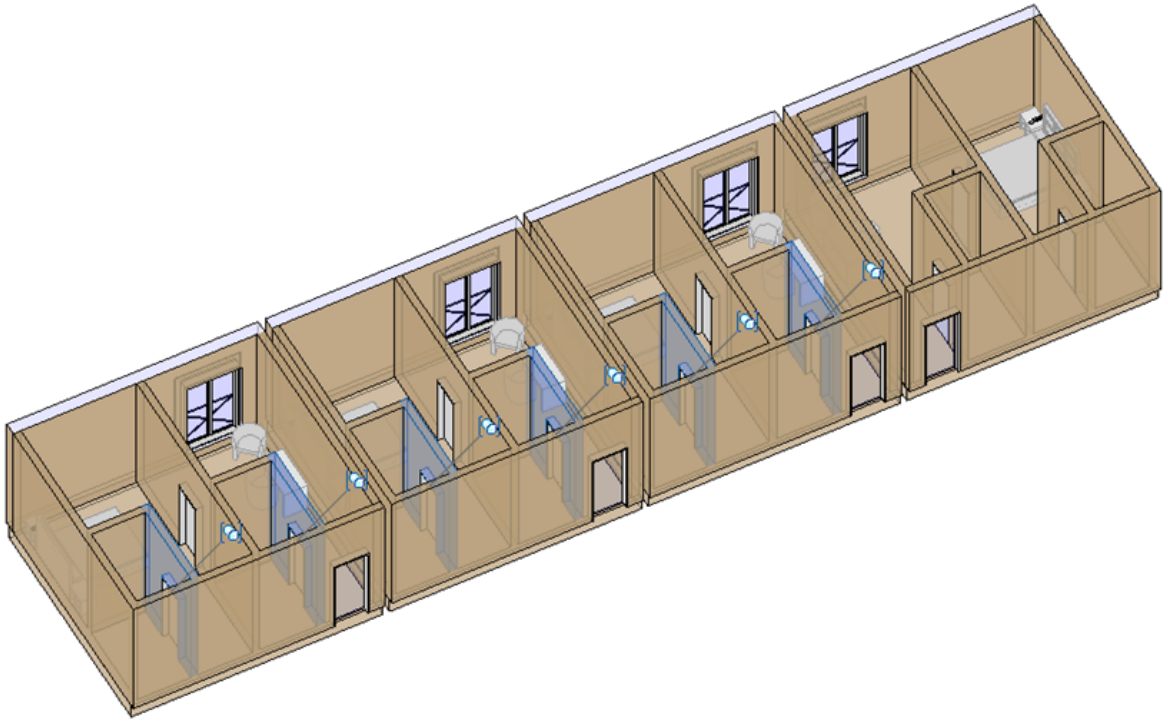


Model Group Type affects Wall's Identity

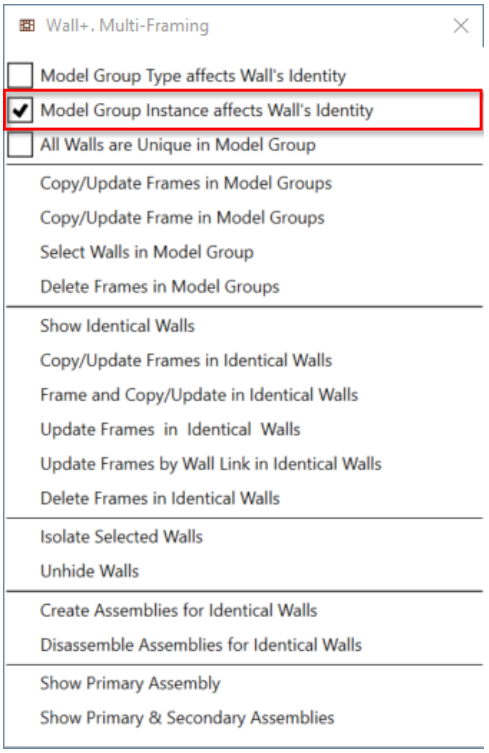


Model Group Type affects Wall's Identity – sets filtering rules if wall's identity is affected by Model Group type. If ticked, only identical walls of the same Model Group type will be treated as the same wall.

Example: Identical walls are selected from the same model group type.

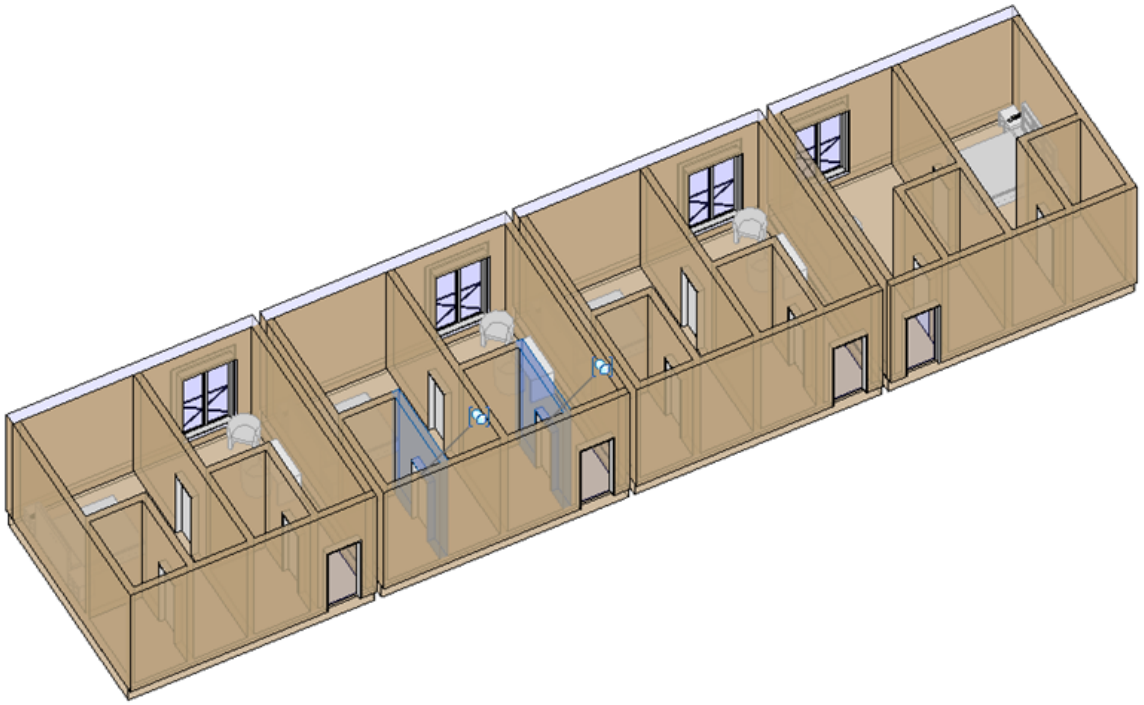


Model Group Instance affects Wall's Identity

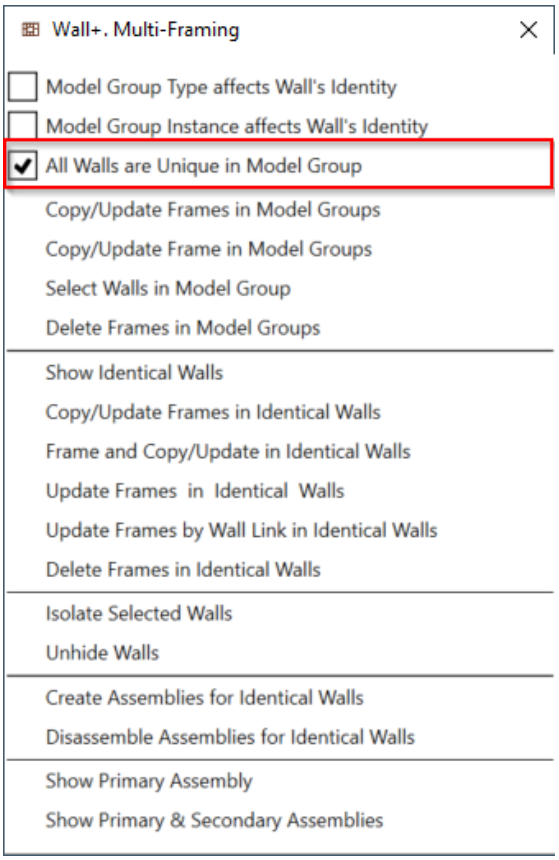


Model Group Instance affects Wall's Identity – sets filtering rules if Wall's identity is affected by Model Group instance (only selected Model Group).

Example: Identical walls are selected from the selected model group instance.

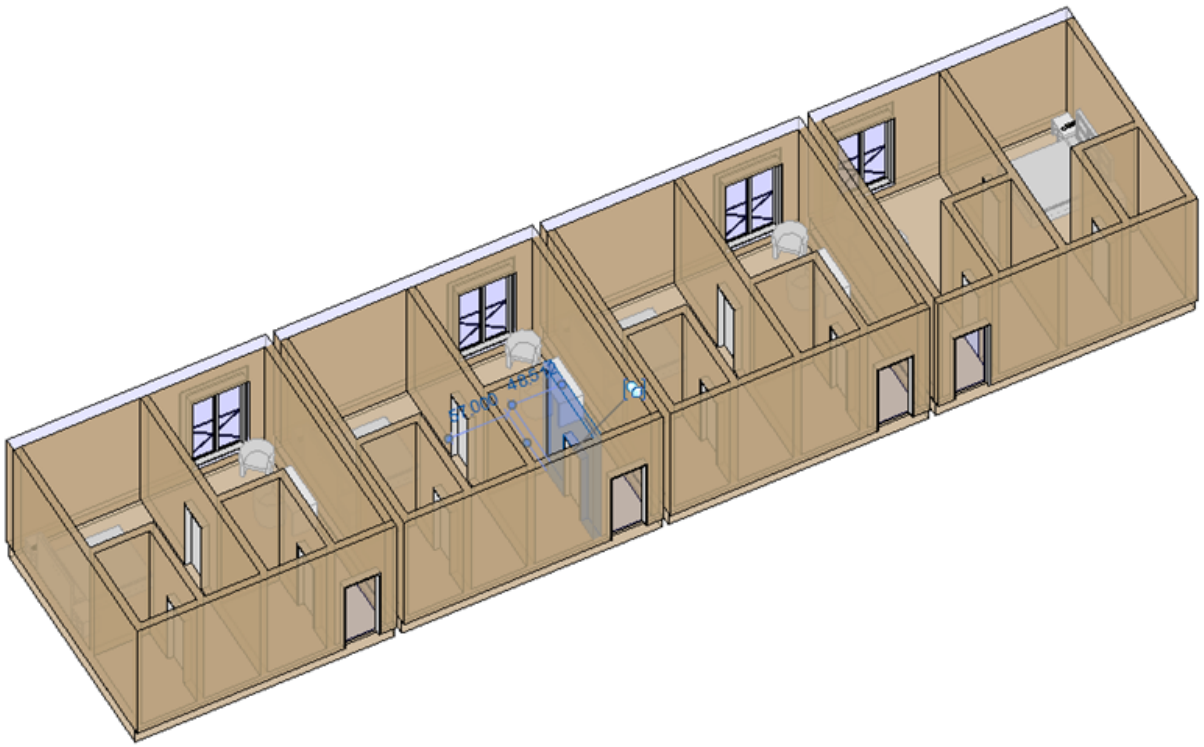


All Walls are Unique in Model Group

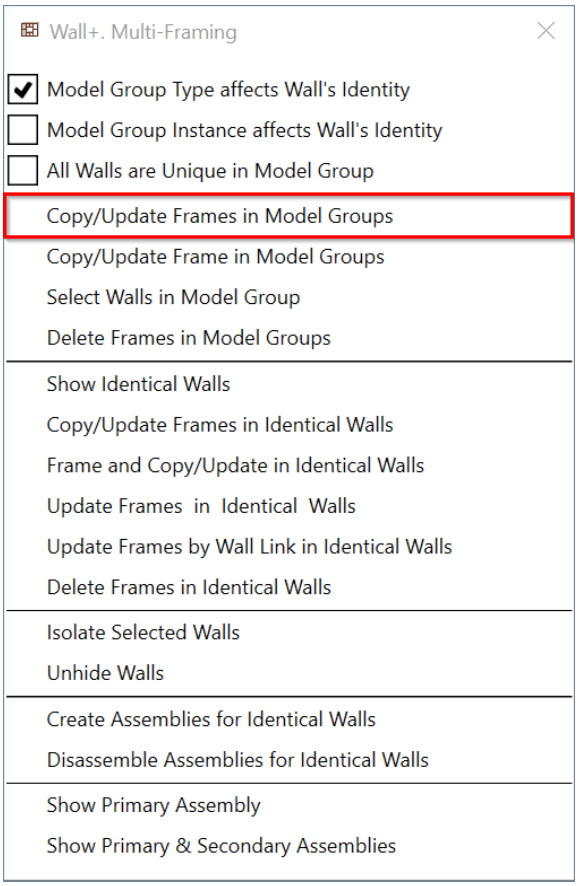


All Walls are Unique in Model Group – lets you treat each Wall Framing individually.
This function is recommended when some identical walls in Model Group need to be framed differently.

Example: Only one wall is selected from model group, which will have unique framing

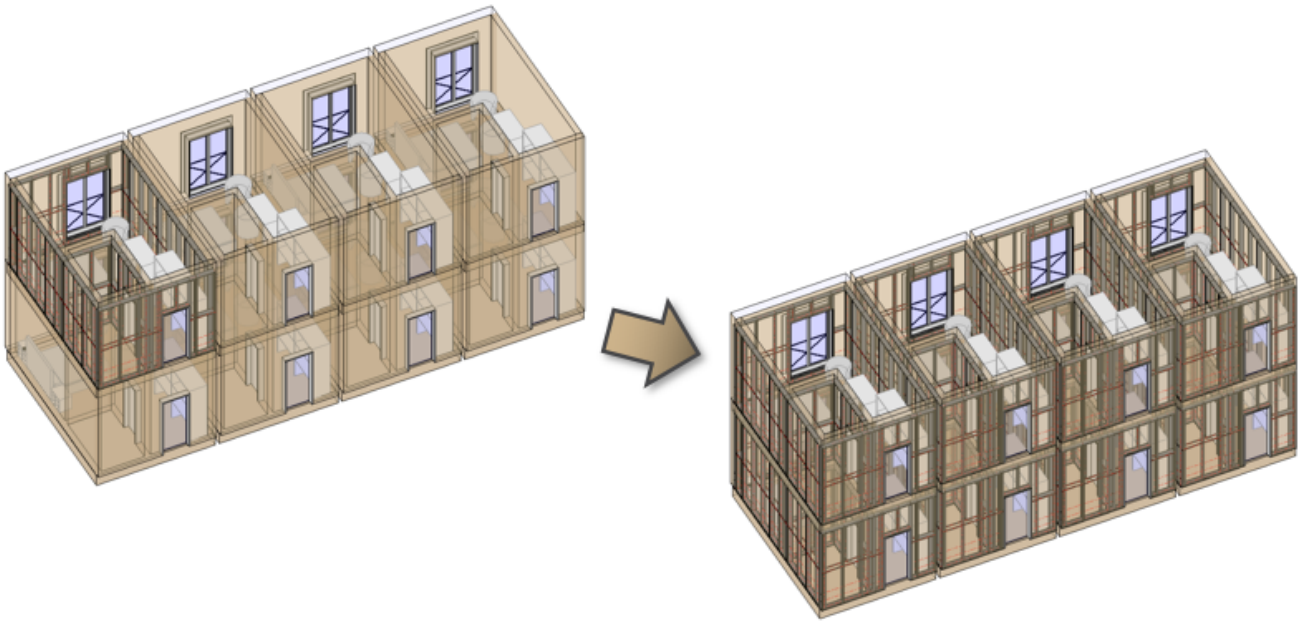


Copy/Update Frames in Model Groups

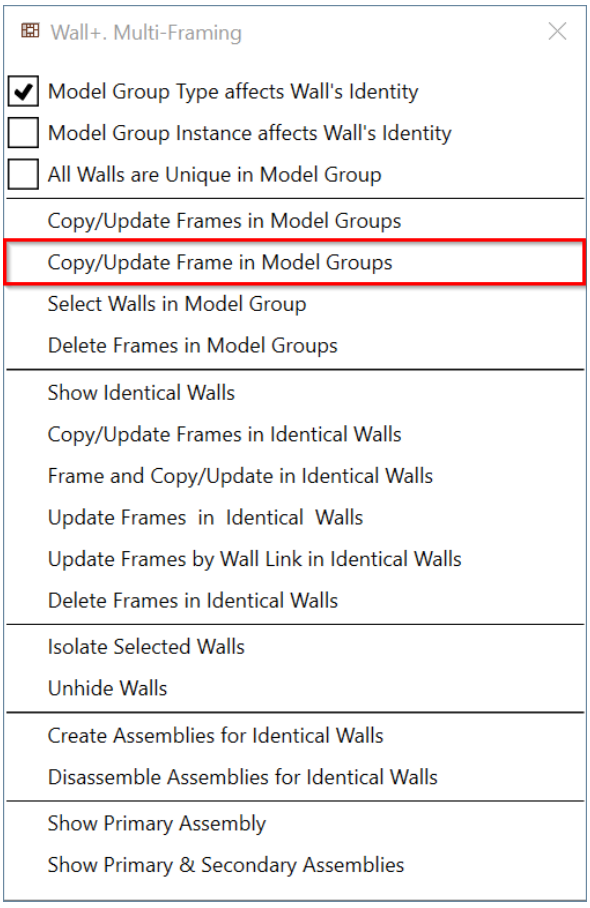


Copy/Update Frame in Model Groups – copies and/or updates all frames from selected Model Group into identical walls from the same Model Groups.

This feature helps save time because you will not need to frame walls from the same model groups individually. You just need to frame walls from one group and then, using this feature, copy/update it to other identical walls from the same groups.

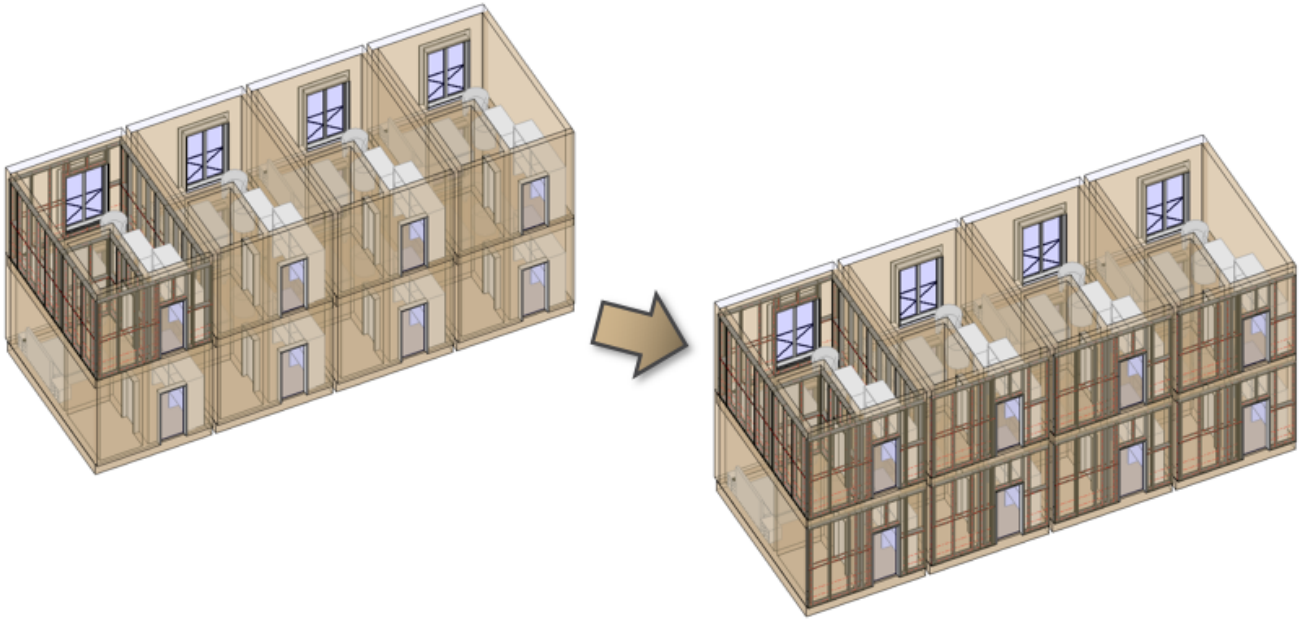


Copy/Update Frame in Model Groups

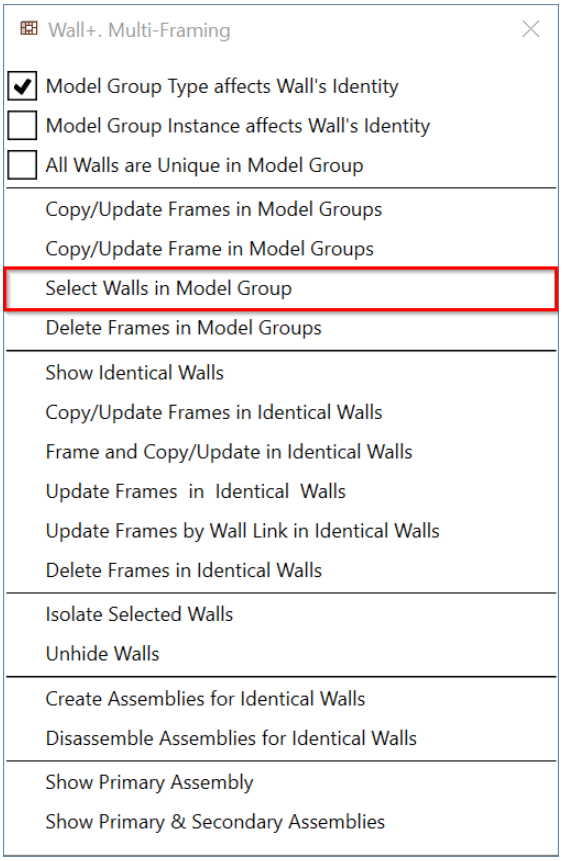


Copy/Update Frame in Model Groups – copies (and/or updates) selected frame into identical walls from the same Model Groups.

This feature helps save time because you will not need to frame walls from same model groups individually. You just need to frame one wall from one group and then, using this feature, copy/update it to other identical walls from the same groups.

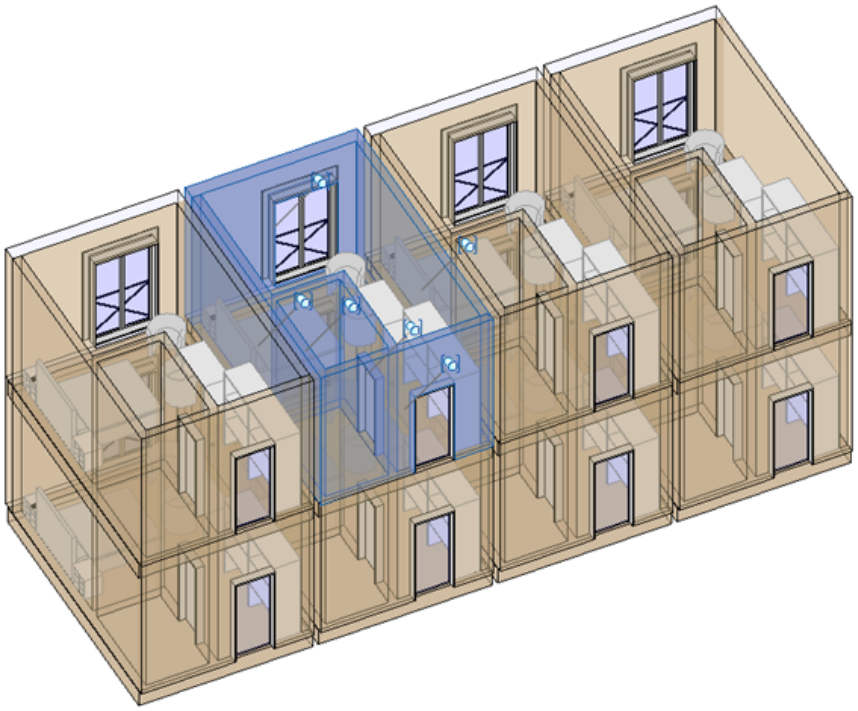


Select Walls in Model Group

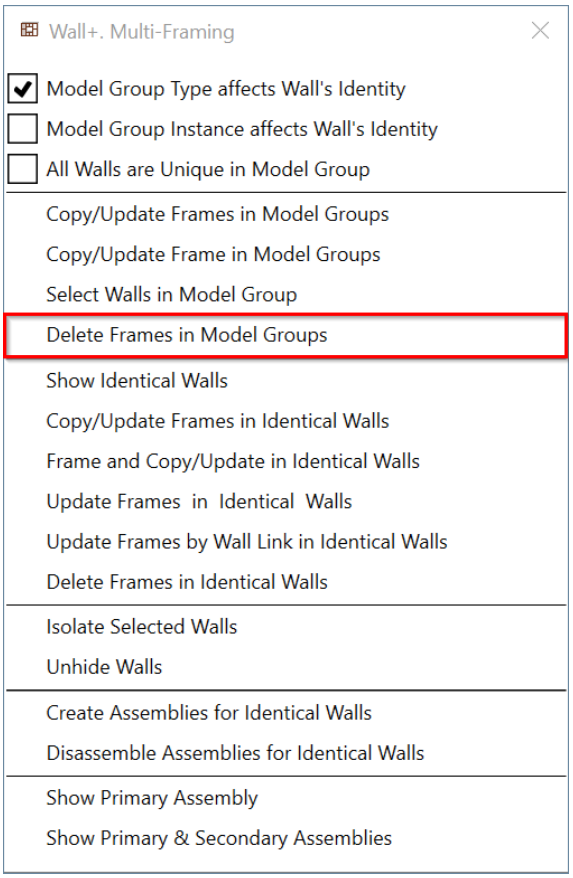


Select Walls in Model Group – selects all walls from selected Model Group.

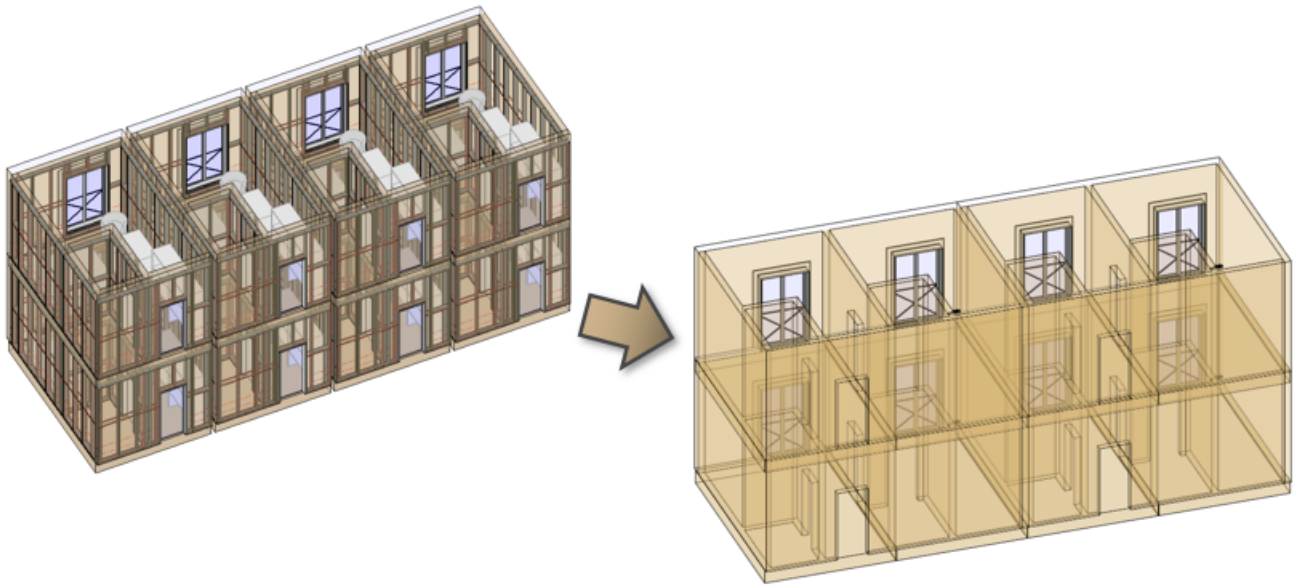
After selecting walls, you can frame walls using **Frame Wall** feature.



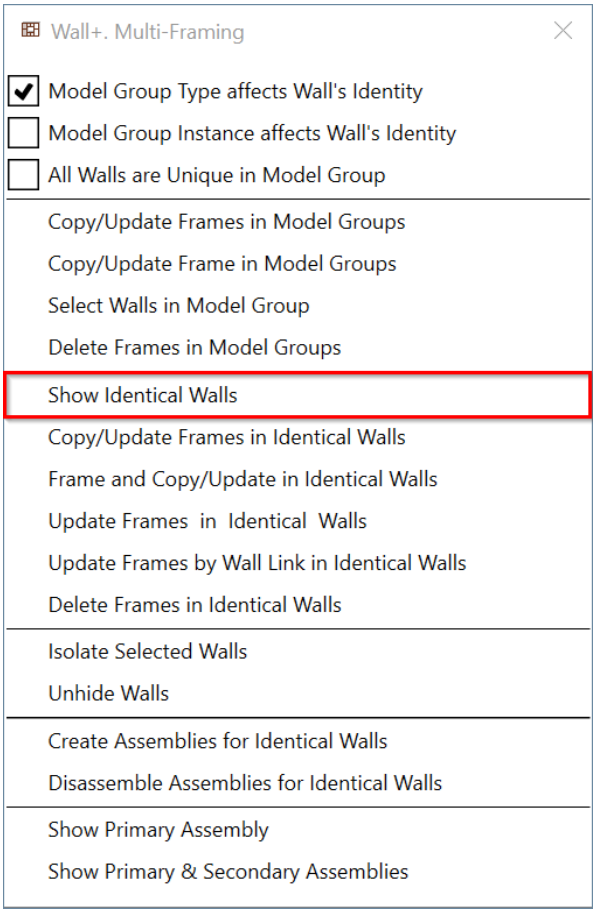
Delete Frames in Model Group



Delete Frames in Model Group – deletes all frames from identical Model Groups.

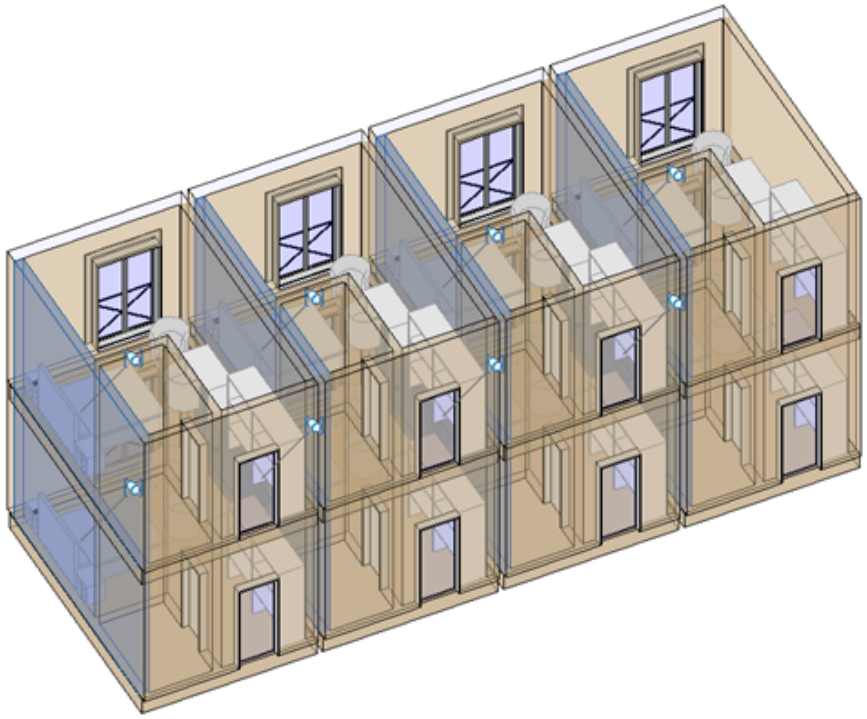


Show Identical Walls

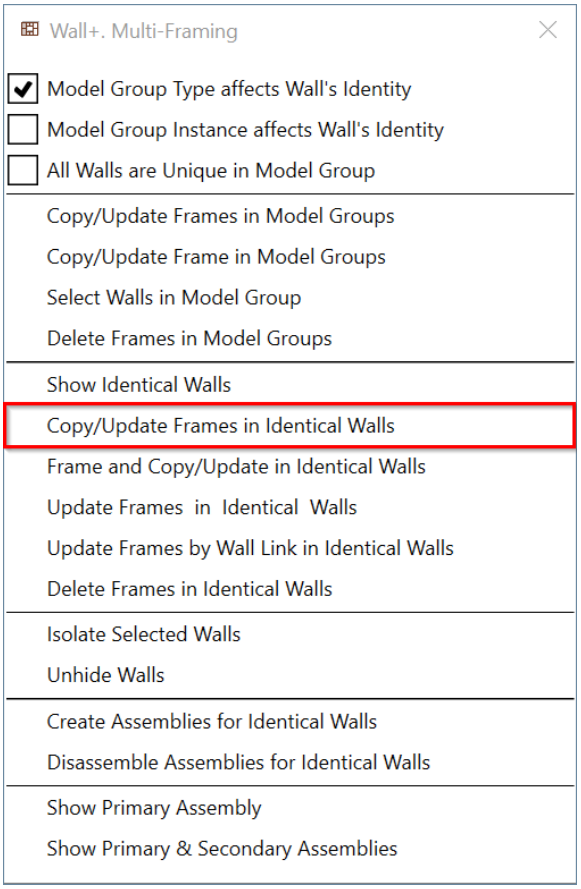


Show Identical Walls – selects and shows identical walls in the project according to Model Group filtering rules.

Identical walls are those walls that are identical according to their geometry.



Copy/Update Frames in Identical Walls

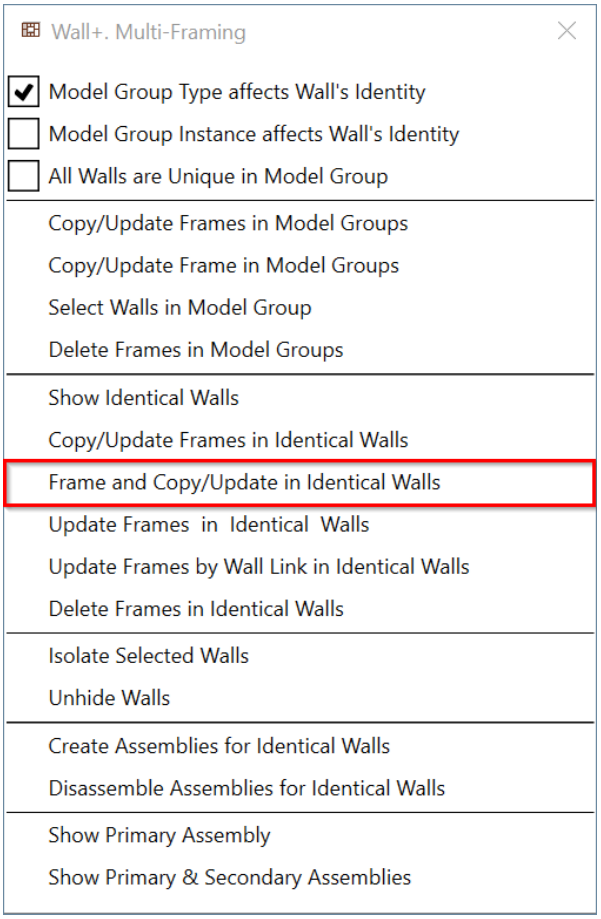


Copy/Update Frames in Identical Walls – copies selected Frame or Secondary Frame into identical walls and/or updates existing Frame of identical walls. All changes will be transferred and overwritten according to the filtering rules.

Identical walls can be in the group or not.

This function is recommended when a primary wall is framed (with all additional elements if needed) and all identical walls need to be framed according to the primary wall.

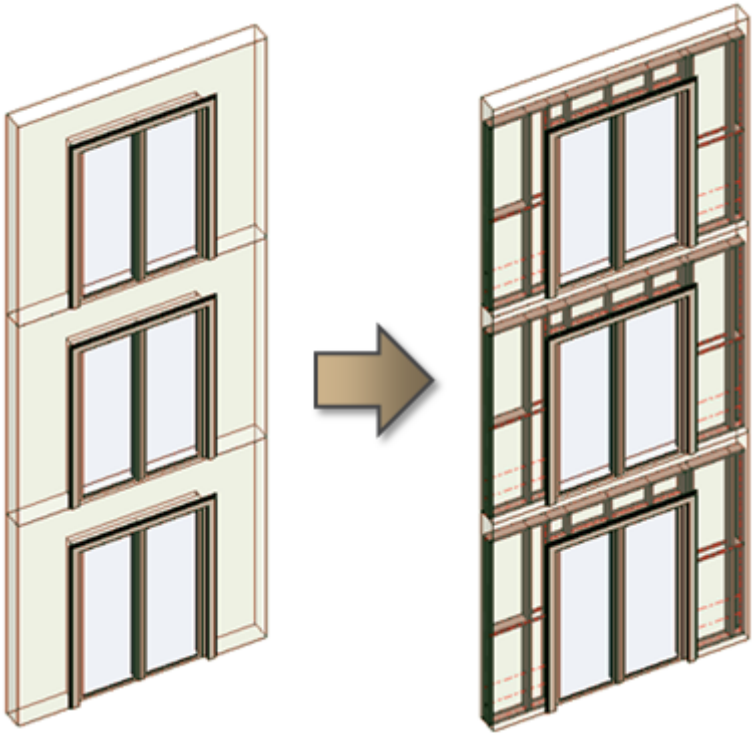
Frame and Copy/Update in Identical Walls



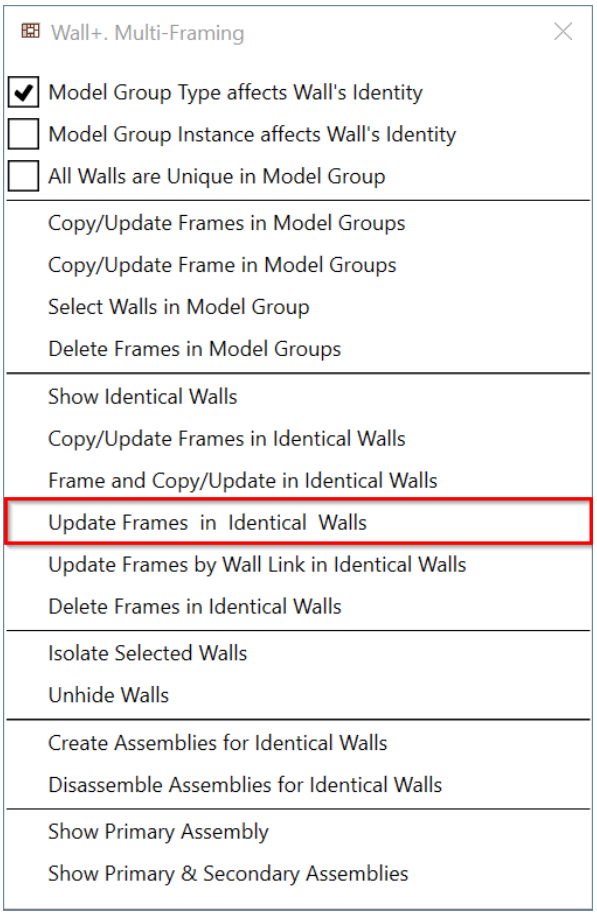
Frame and Copy/Update in Identical Walls – frames selected wall according to its Framing Configuration and then copies selected wall's Frame into identical walls and/or replaces existing Frame of identical walls. All framing elements will be transferred and overwritten according to filtering rules.

Identical walls can be in the group or not.

This function is recommended when all identical walls have to be framed only according to the **Framing Configuration** and manually-placed elements or modifications are not needed.

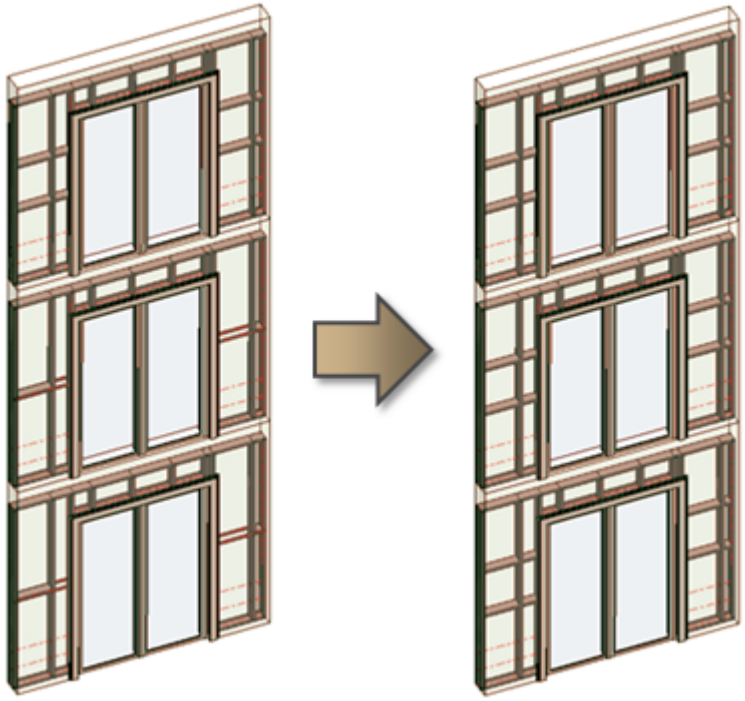


Update Frames in Identical Walls

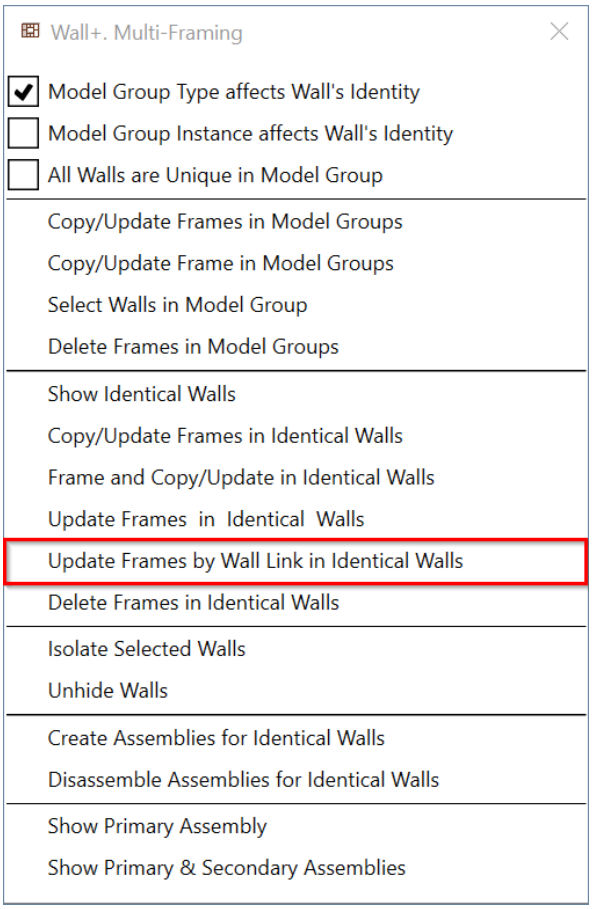


Update Frames in Identical Walls – updates all framing elements in identical walls according to the changes that were made to framing elements of the selected wall. All framing elements will update according to filtering rules.

Identical walls can be in the group or by themselves.

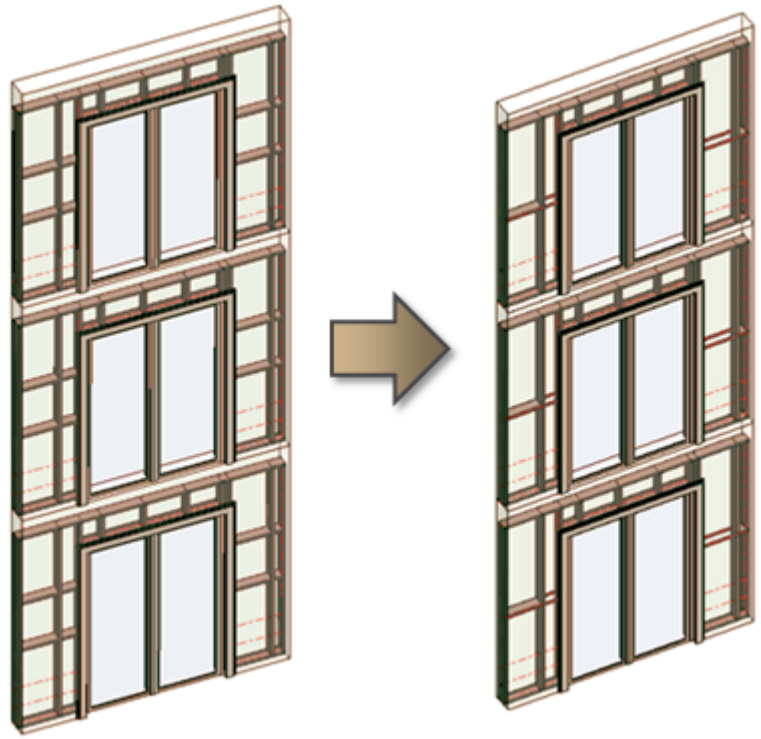


Update Frames by Wall Link in Identical Walls

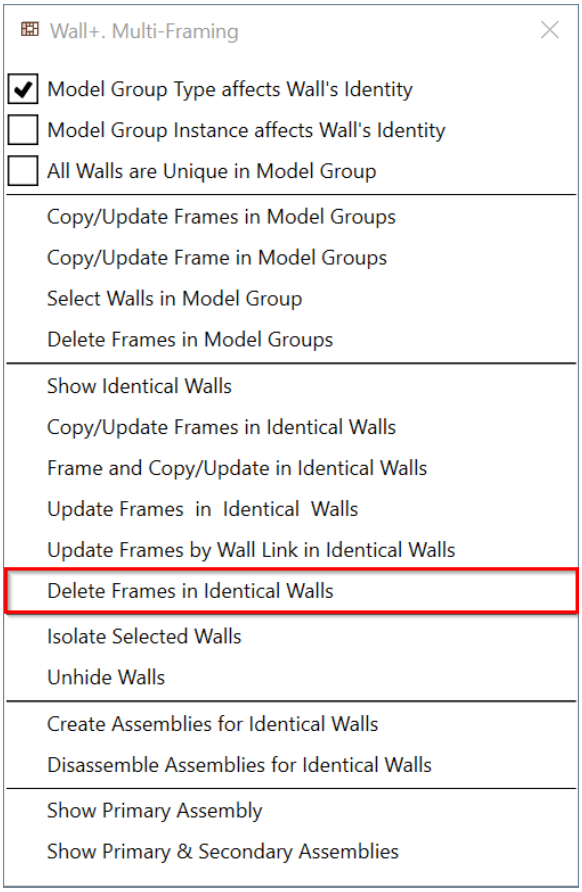


Update Frames by Wall Link in Identical Walls – updates all framing elements in identical walls according to **Framing Configuration** of the selected wall in **Wall Link** assignment. All framing elements will be transferred and overwritten according to filtering rules.

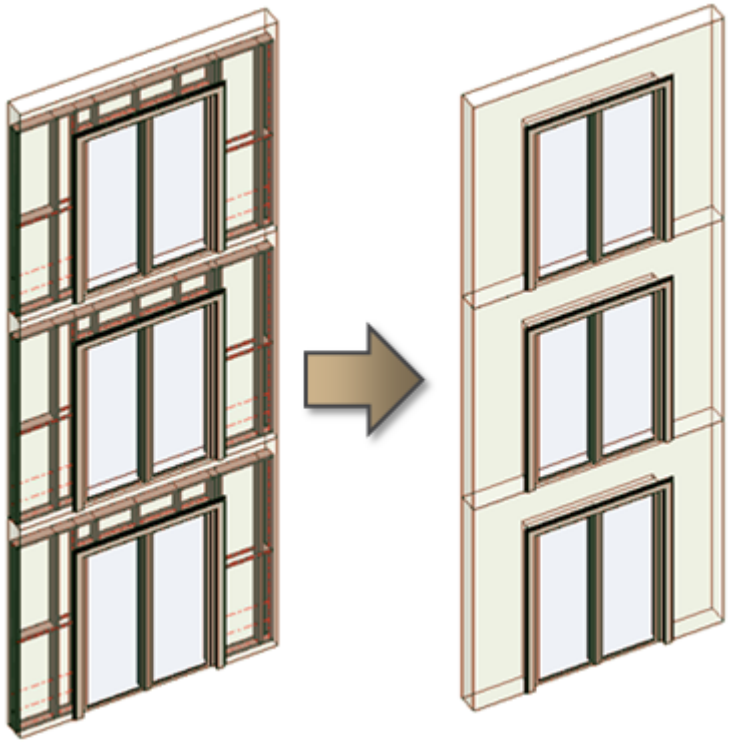
Identical walls can be in the group or by themselves.



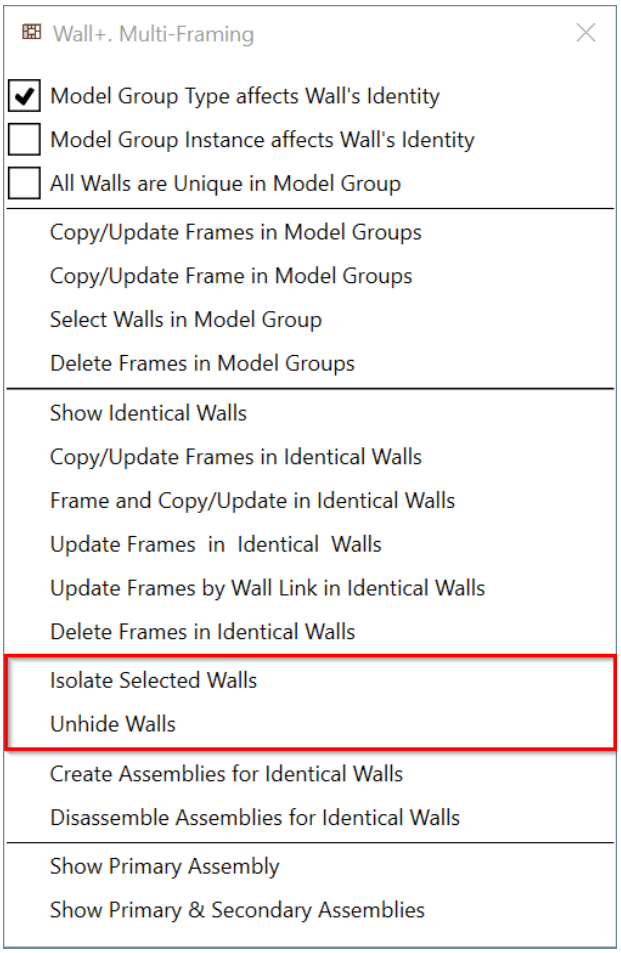
Delete Frame in Identical Walls



Delete Frames in Identical Walls – deletes all framing elements in the selected wall and walls identical to it. Framing will be deleted in accordance with filtering rules.

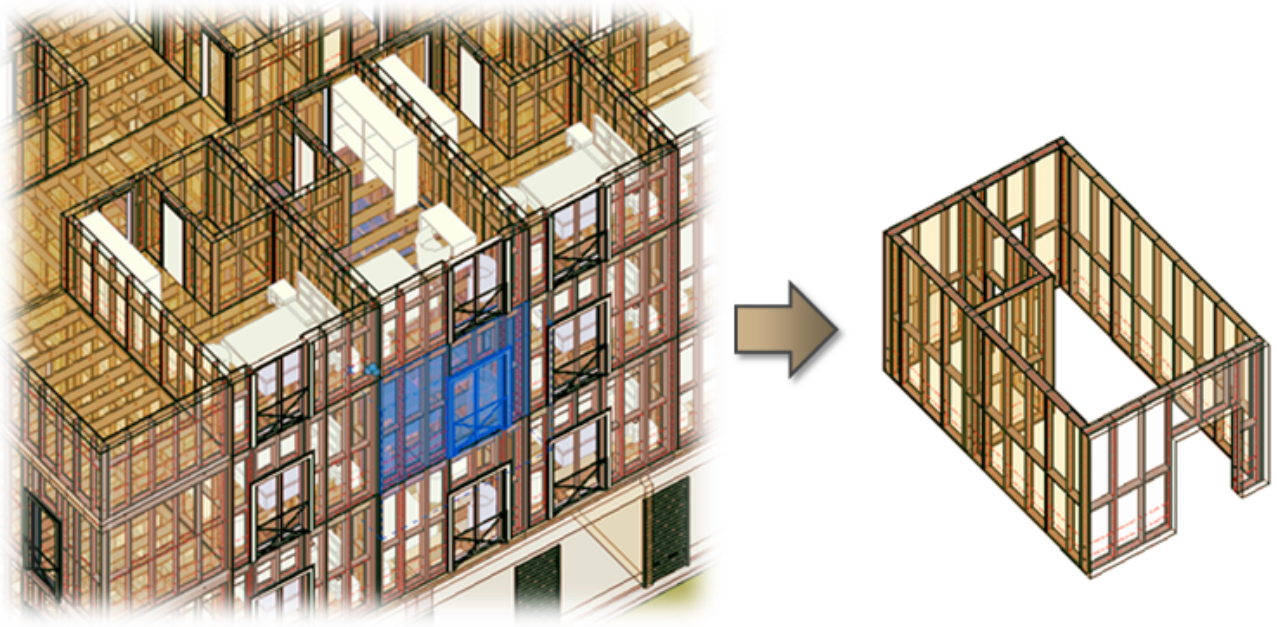


Isolate Selected Walls

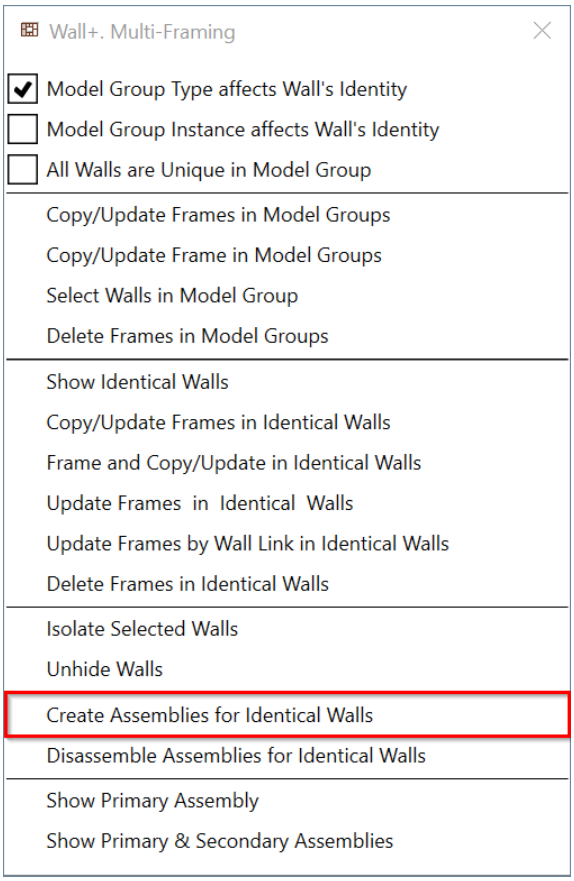


Isolate Selected Walls – isolates selected walls, including frames in the active view. All other elements will be permanently hidden in the active view.

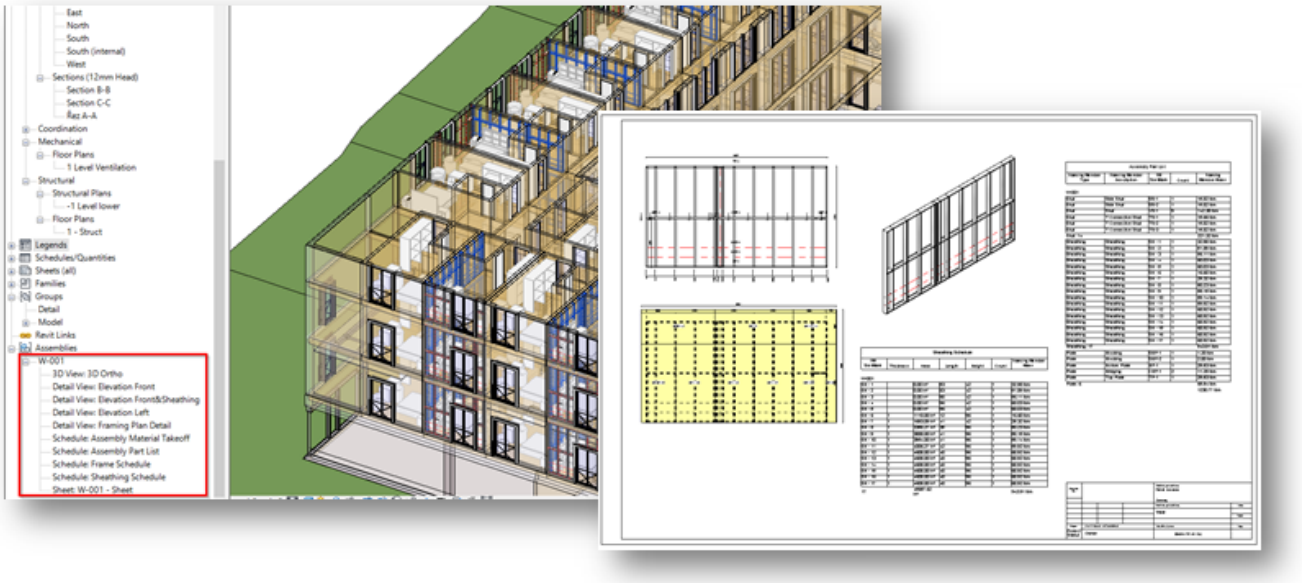
To restore hidden elements, use **Unhide Walls** function.



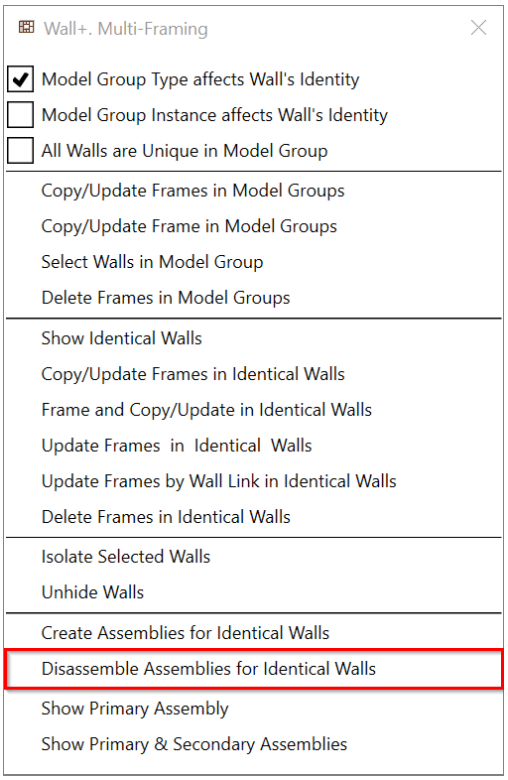
Create Assemblies for Identical Walls



Create Assemblies for Identical Walls – finds identical walls from the project and creates assembly, which contains user-predefined shop drawings, including schedules and sheets. One assembly is primary, which can be modified and updated; others are secondary.

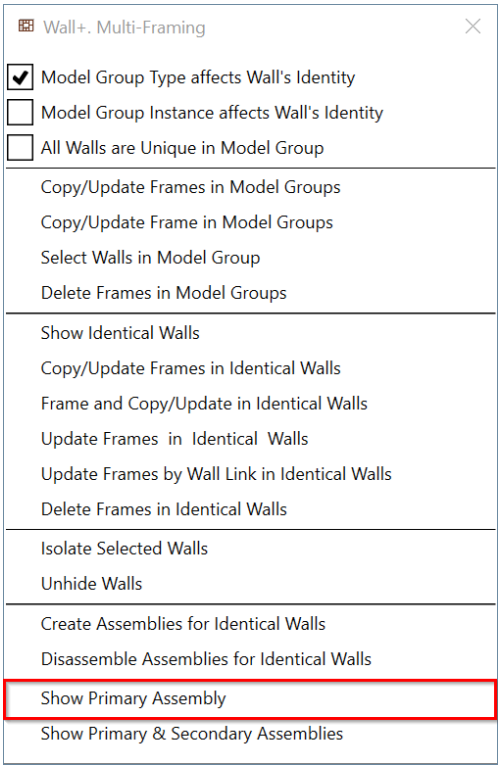


Disassemble Assemblies for Identical Walls

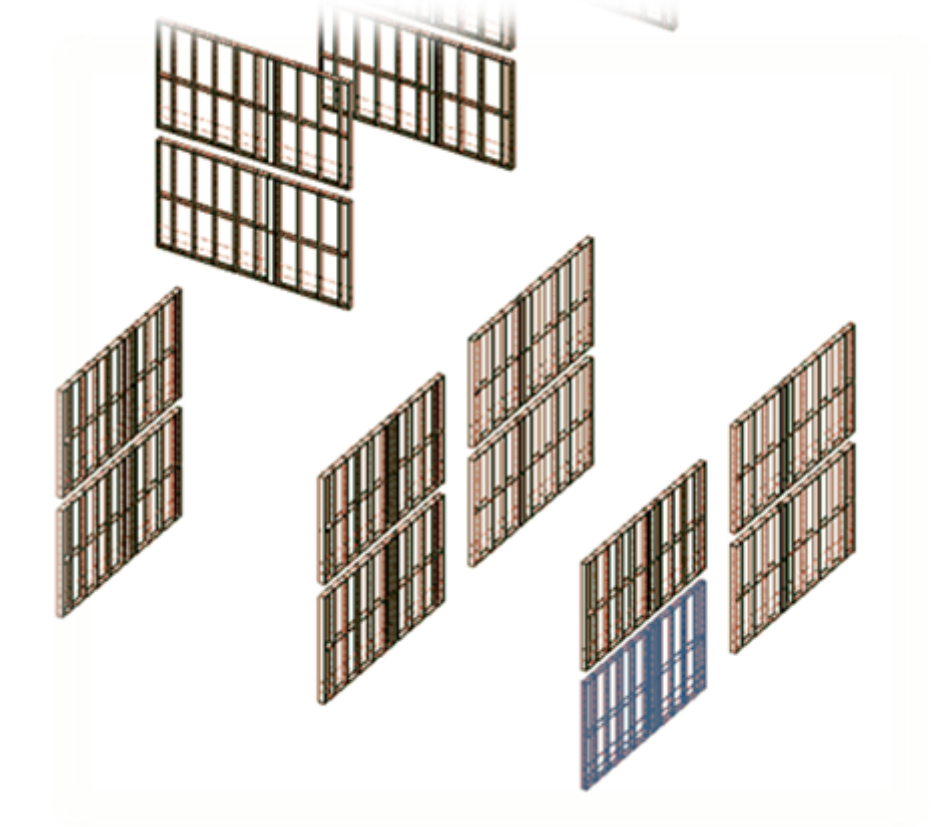


Disassemble Assemblies for Identical Walls – finds identical assemblies in the project and disassembles them.

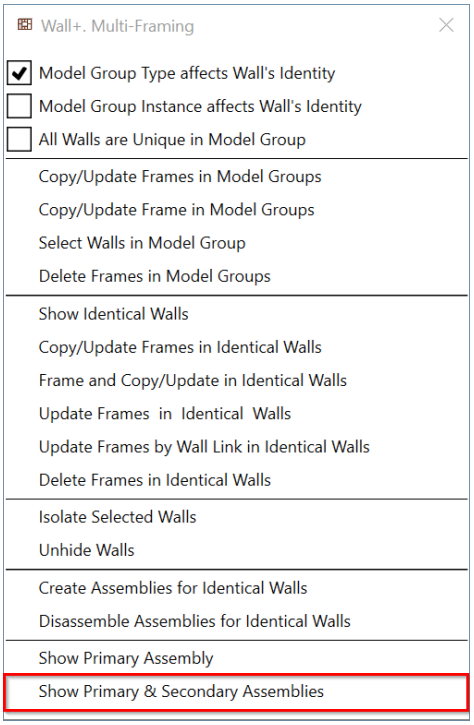
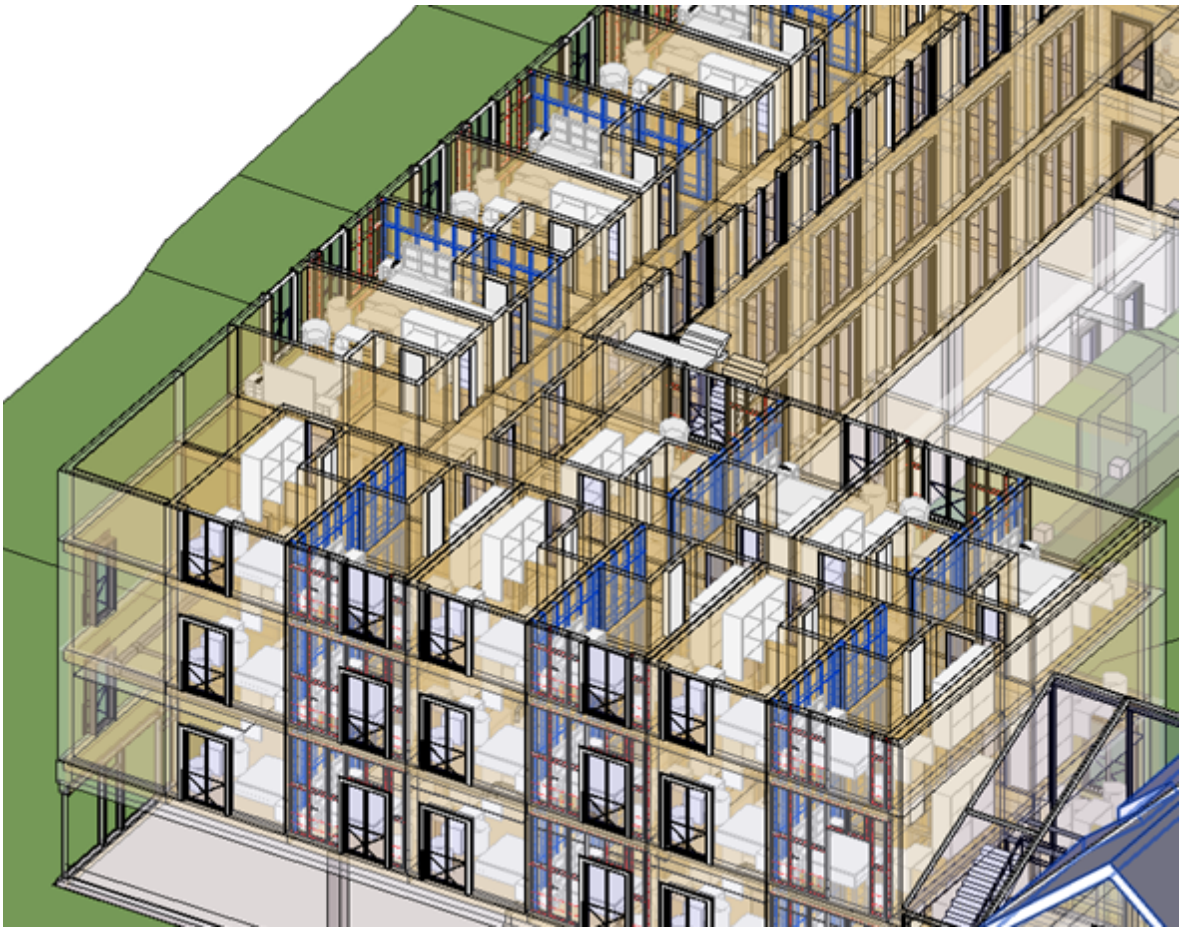
Show Primary Assembly



Show Primary Assembly – selects and shows primary assembly so that it can be modified/updated if needed.



Show Primary & Secondary Assemblies



Show Primary & Secondary Assemblies – selects and shows primary and secondary assemblies so that they can be found and checked in a big project.