SHOP DRAWINGS – Part Assembly Menu

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Part Assembly Menu
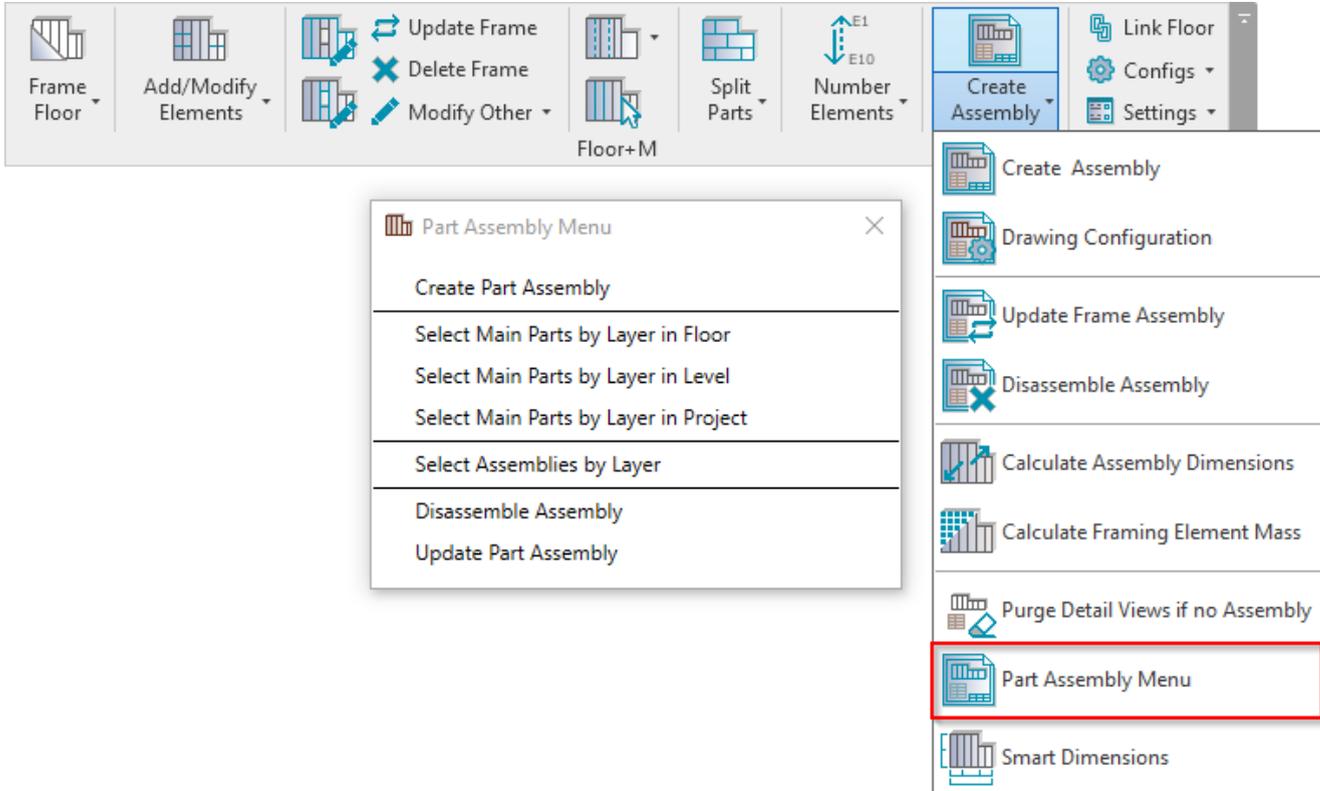
Part Assembly Menu – features for creating a part assembly and different part selection options.

Create Part Assembly
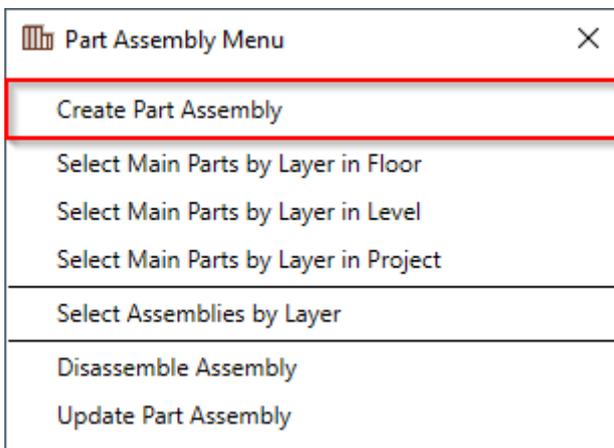
Create Part Assembly – makes shop drawings for selected framed parts. Select any frame of the floor and click Create Part Assembly. The software will create shop drawings according to predefined configurations. You can find shop drawings in Project Browser under Assemblies.

*Mandatory condition: selected part needs to have **Mark** value assigned:*
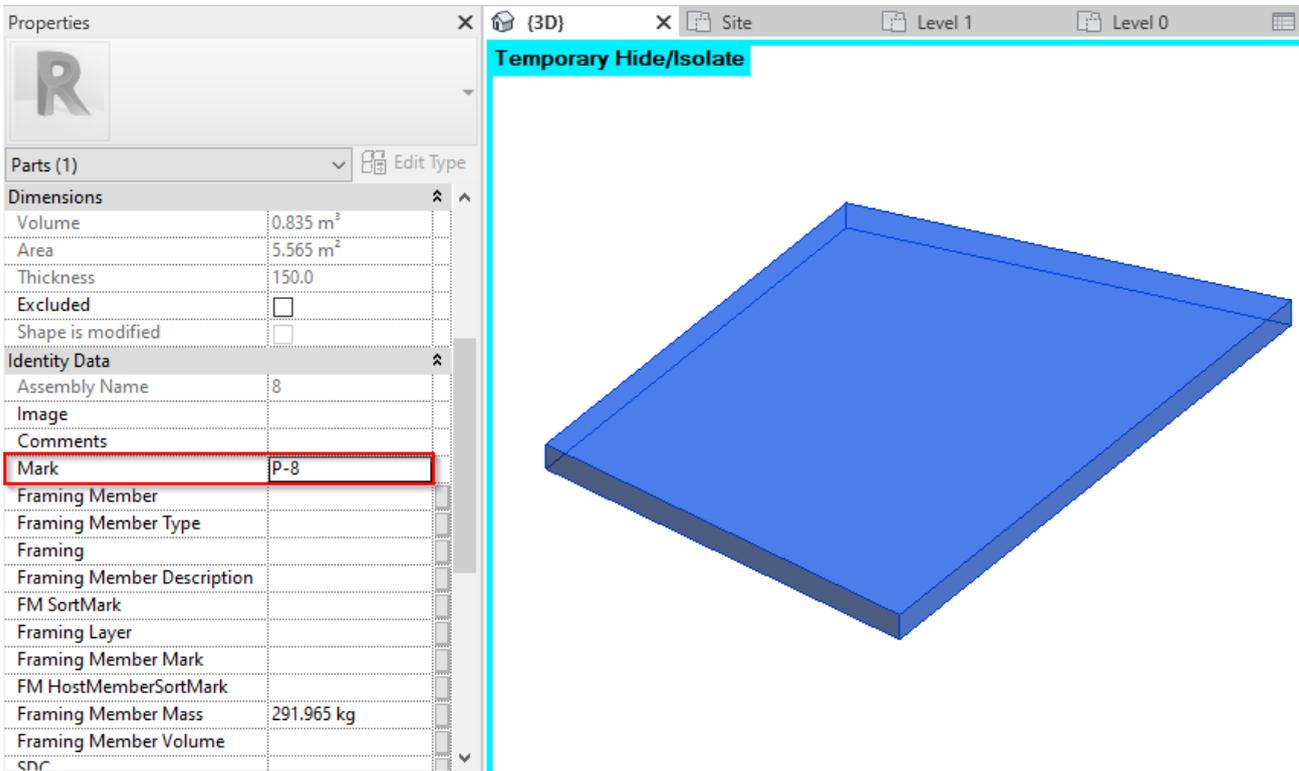
*This value will be used as the assembly name. You can find shop drawings in **Project Browser** under **Assemblies**. An assembly combines all parts in a single entity, which is scheduled and isolated to create shop drawing views with tags and dimensions.*
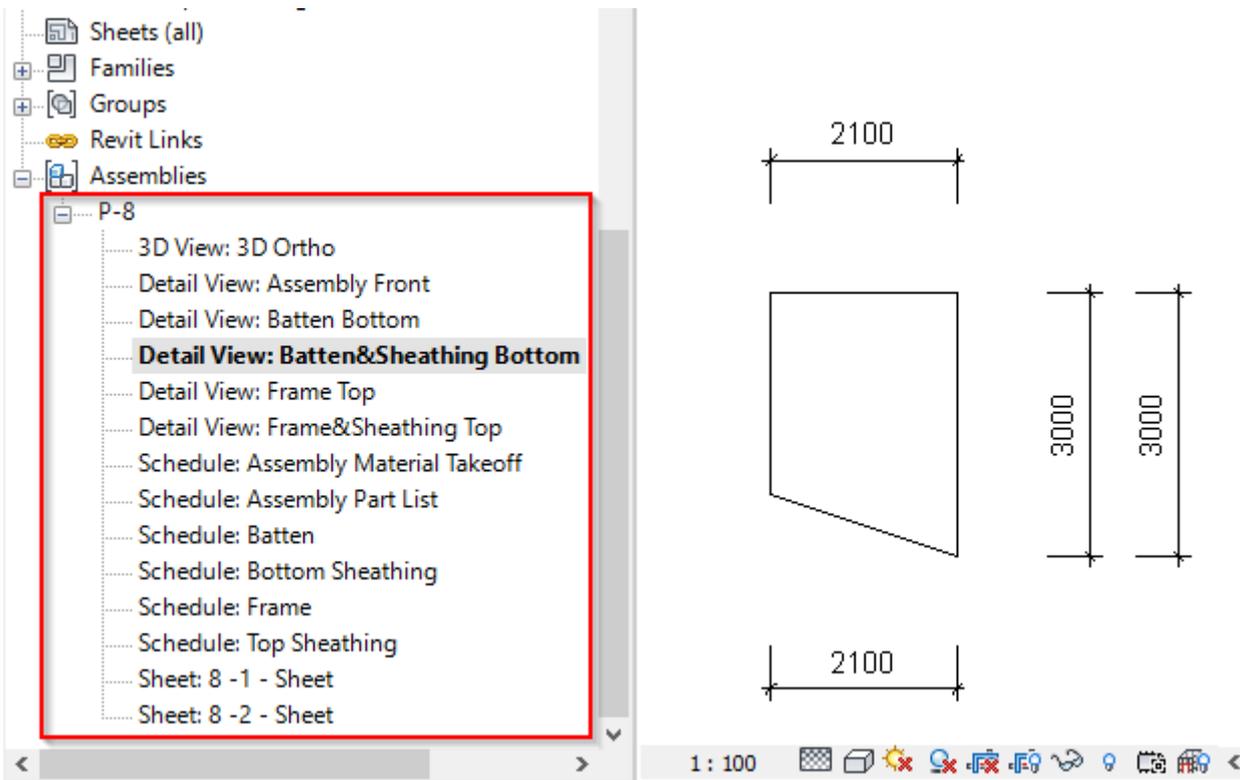
Select Main Parts by Layer in Floor
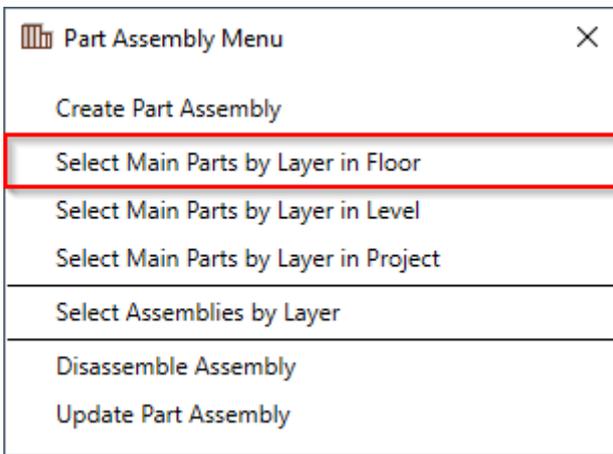
Select Main Parts by Layer in Floor – selects main parts in the framed floor.

Make sure **Show Parts** or **Show Both** is selected in **View Properties → Parts Visibility**:
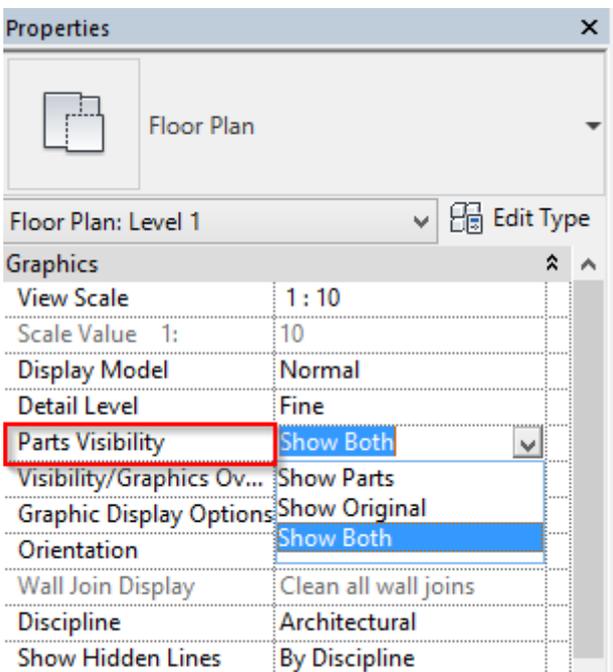
*Example: Click **Select Main Parts by Layer in Floor** and you will able to select only main parts from the framed floor:*
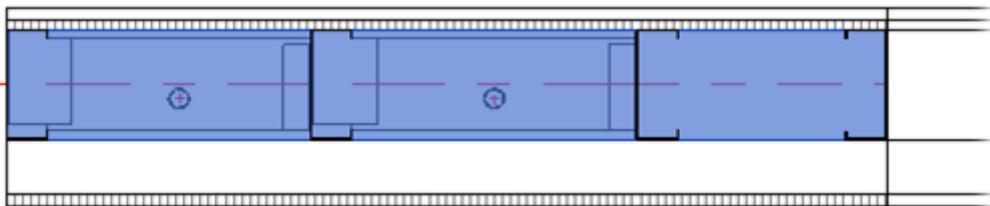
Select Main Parts by Layer in Level
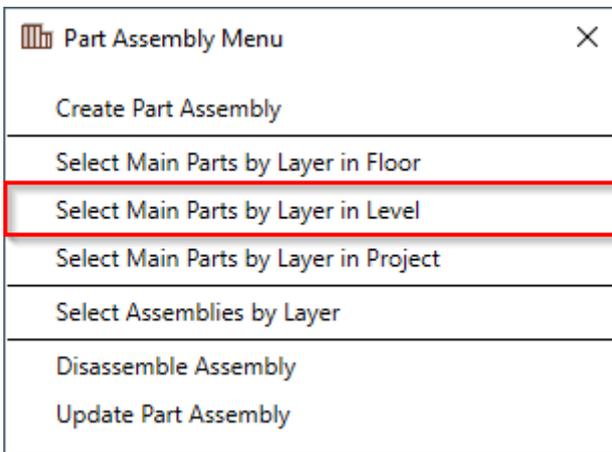
Select Main Parts by Layer in Level – selects main parts in floor frames of the same type in the same level.

Make sure **Show Parts** or **Show Both** is selected in **View Properties → Parts Visibility**:
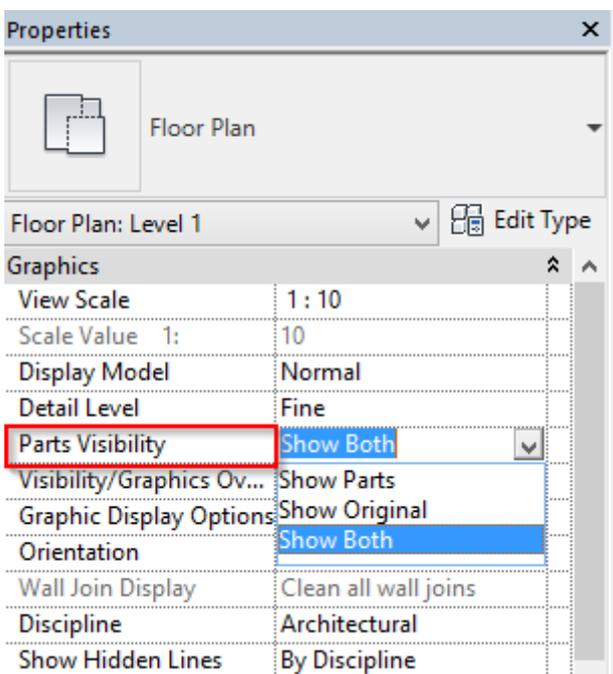
Example: Click **Select Main Parts by Layer in Level** *→ Select one main part in the framed floor → All main parts of the same type in the same level will be selected:*
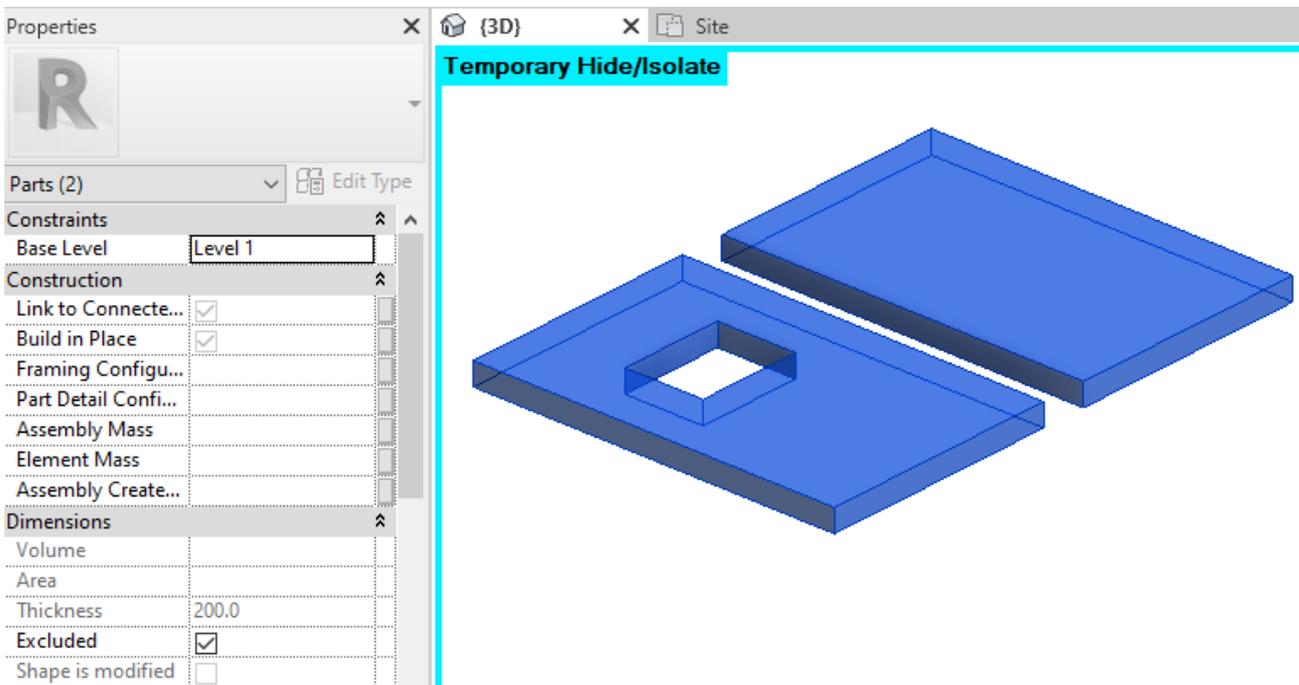
Select Main Parts by Layer in Project
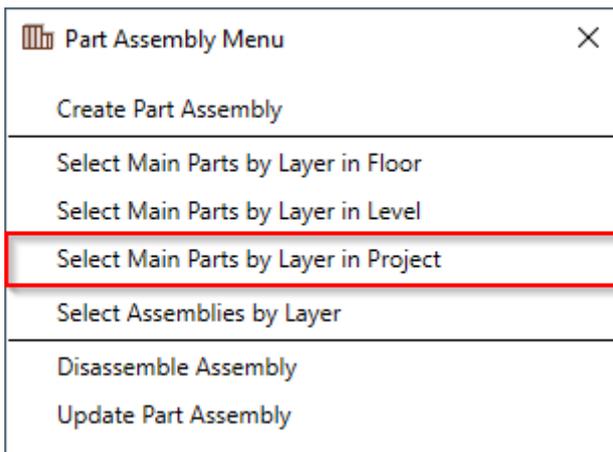
Select Main Parts by Layer in Project – selects main parts in floor frames of the same type in the whole project.

Make sure **Show Parts** or **Show Both** is selected in **View Properties → Parts Visibility**:
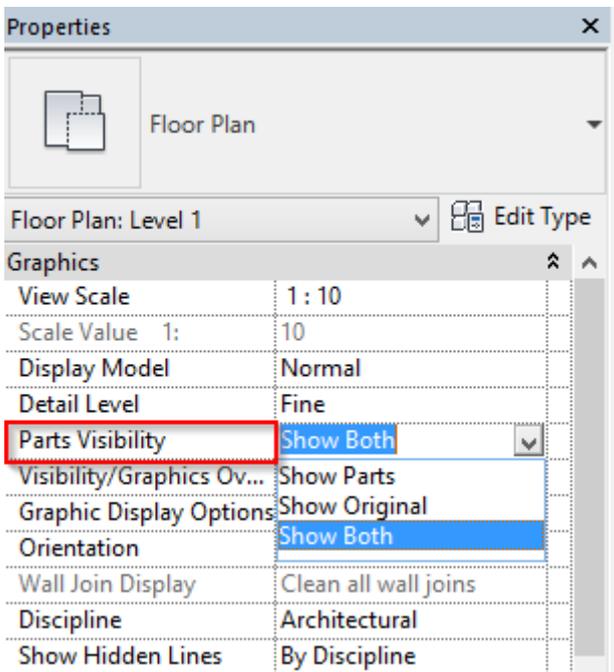
*Example: Click **Select Main Parts by Layer in Project** → select one main part in the framed floor → all main parts of the same type in the whole project will be selected. In the image below, the main parts of the external floors are selected from all levels:*
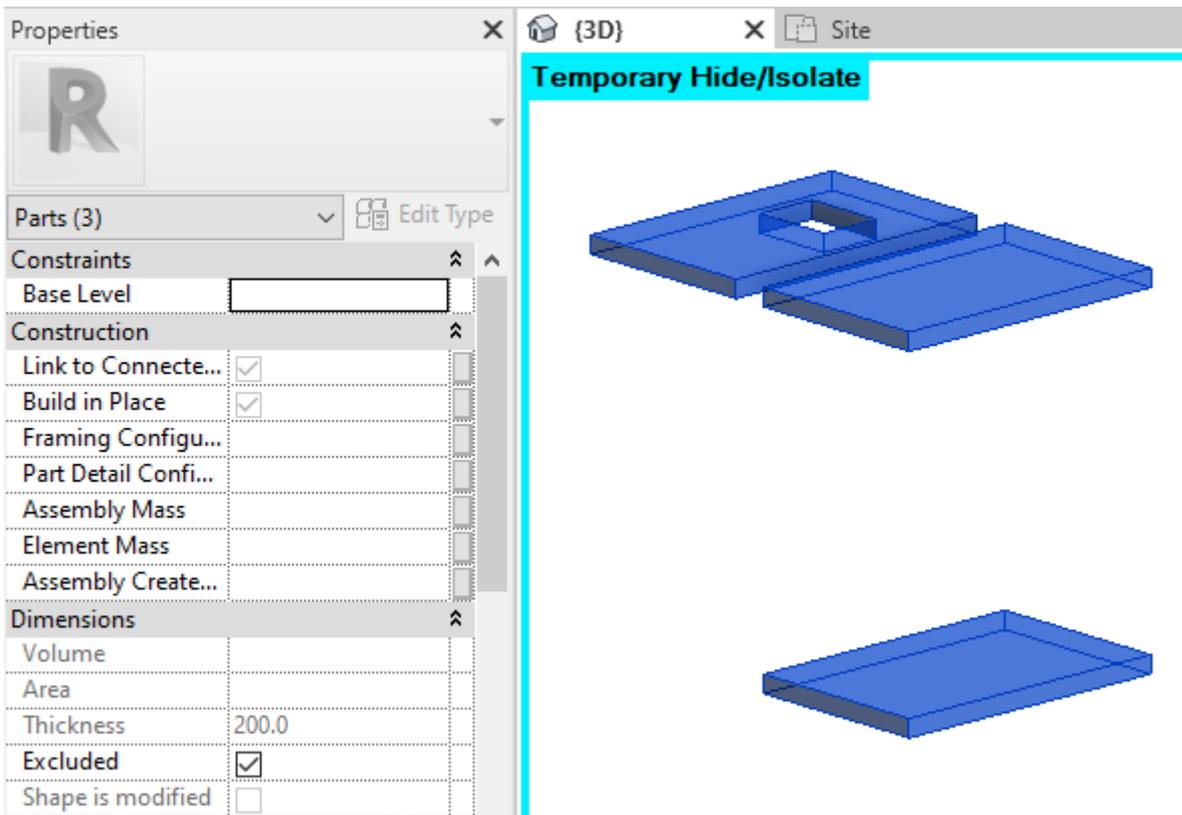
Select Assemblies by Layer
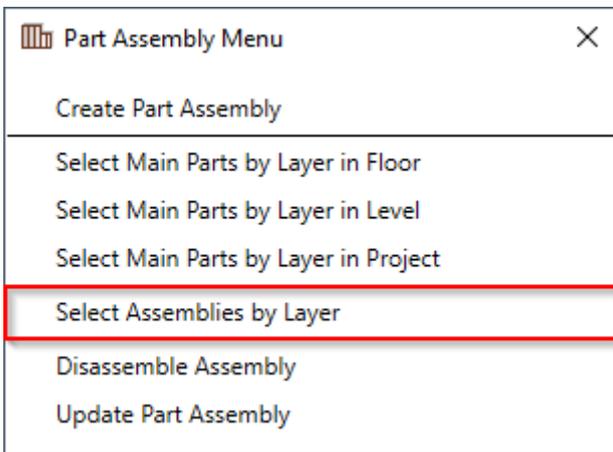
Select Assemblies by Layer – selects all part assemblies from the same floor. You just need to select one assembly and the others will automatically be selected.

Disassemble Assembly
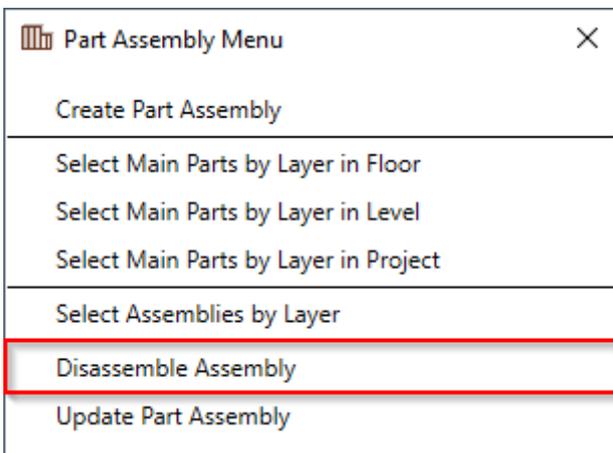
Disassemble Assembly – removes the assembly relationship between elements in the selected assembly and all associated views.

Recommended workflow: Instead of **Revit → Disassemble**, we recommend using **Floor+M→ Part Assembly Menu → Disassemble Assembly** as it doesn't show unnecessary pop-ups and deletes the gravity point.

Update Part Assembly
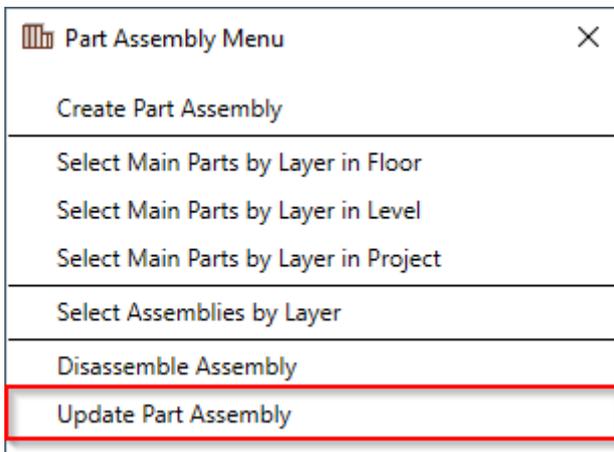
Update Part Assembly – updates the selected part assembly if any changes were made to the parts or to the **Drawing Configuration**.