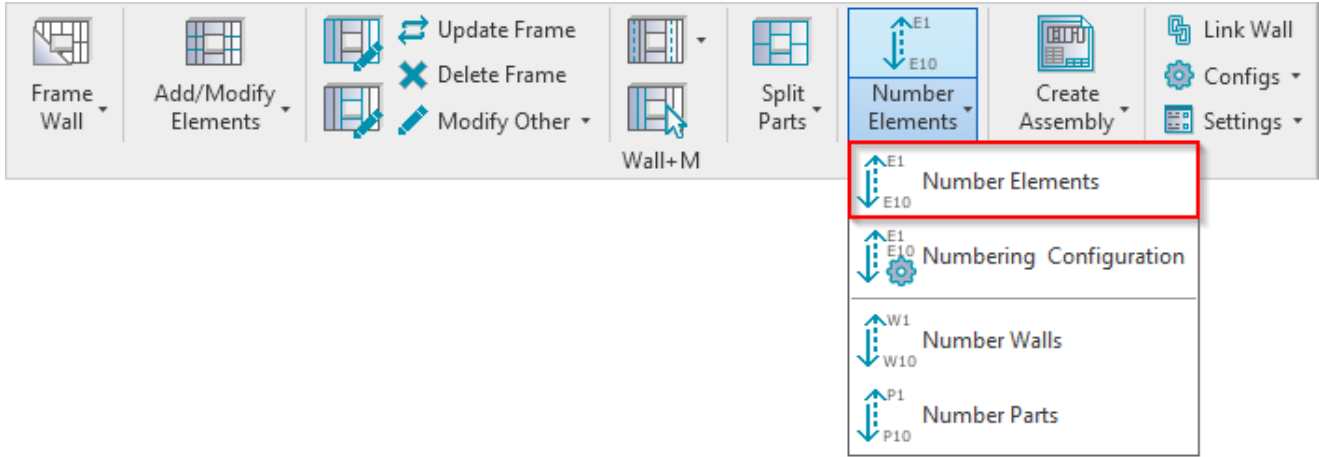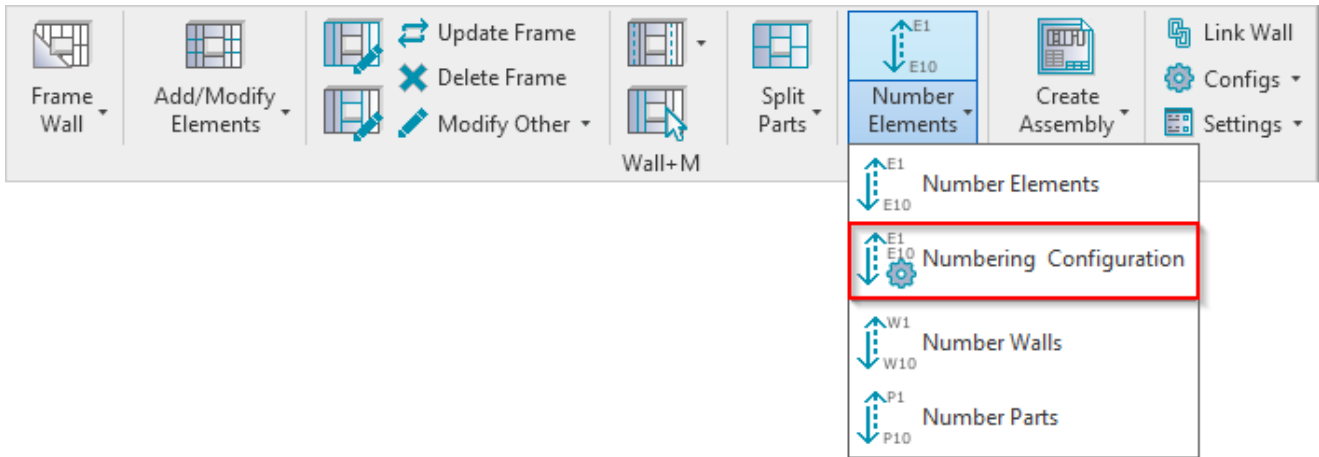# NUMBERING

Modified on: Sat, 7 Sep, 2019 at 6:08 PM
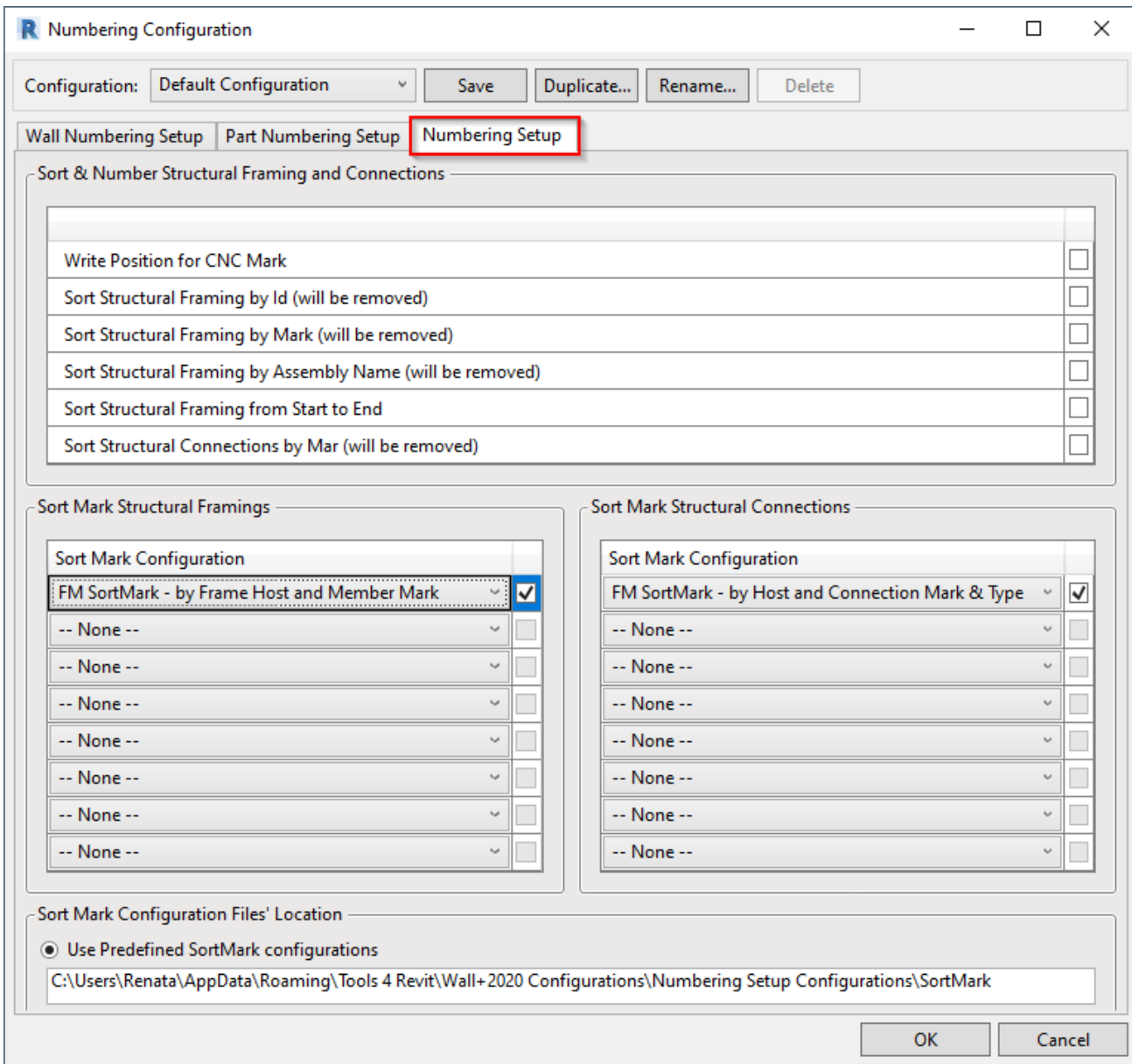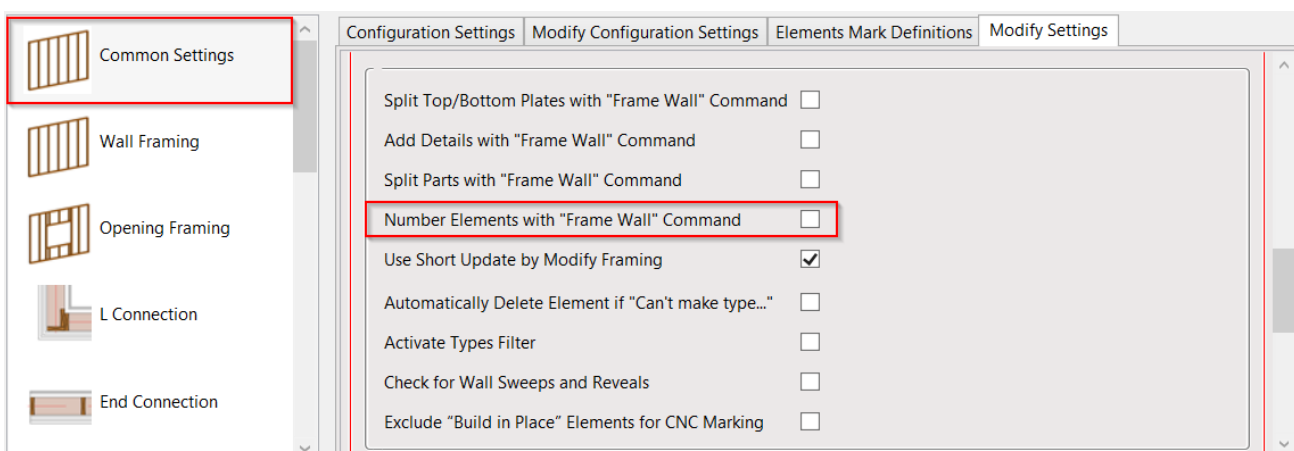
Number Elements

Number Elements – renumbers all framing elements (under Structural Framing category) and details (under Structural Connections category) by predefined **Numbering Configuration**. It have many options for simple and complex numbering when you need to load many numbering rules.

Loads all selected rules from **Numbering Setup** tab:

Furthermore, you can turn on **Number Elements with "Frame Wall" Command** in **Framing Configuration →
Common Settings → Modify Settings**, and all elements will be numbered with **Frame Wall** command. You will not
need to use **Number Elements** additionally.

**Read more about Numbering Configuration >> (https://agacad.freshdesk.com/support/solutions/articles/44001794277-
numbering-%E2%80%93-numbering-configuration)**

Number Elements - Example 1

FM SortMark - by Frame Host & Member Mark and Element ID – a sample rule for numbering farming members. It groups framing elements by frame host and **Framing Member Mark** (comes from **Framing Configuration →
Common Settings → Elements Mark Definitions)**. Then every grouped element is sorted by **ID**.

FM SortMark – parameter with the result. You can find it in **Element Properties → Identity Data**.

Number Elements - Example 2

FM SortMark - by Frame Host and Member Mark – a sample rule for numbering farming members. It groups framing elements by frame host and **Framing Member Mark** (comes from **Framing Configuration → Common Settings → Elements Mark Definitions**). Then every grouped element is sorted by its length.

FM SortMark – parameter with the result. You can find it in **Element Properties → Identity Data**.

Number Elements - Example 3

FM SortMark - by Host and Connection Mark & Type – a sample rule for numbering details (under structural connections category). It groups details by frame host and **Framing Member Mark** (comes from **Framing Configuration** → **Common Settings** → **Elements Mark Definitions**). Then every grouped detail is sorted by type.

FM SortMark – parameter with the result. You can find it in **Element Properties** → **Identity Data**.
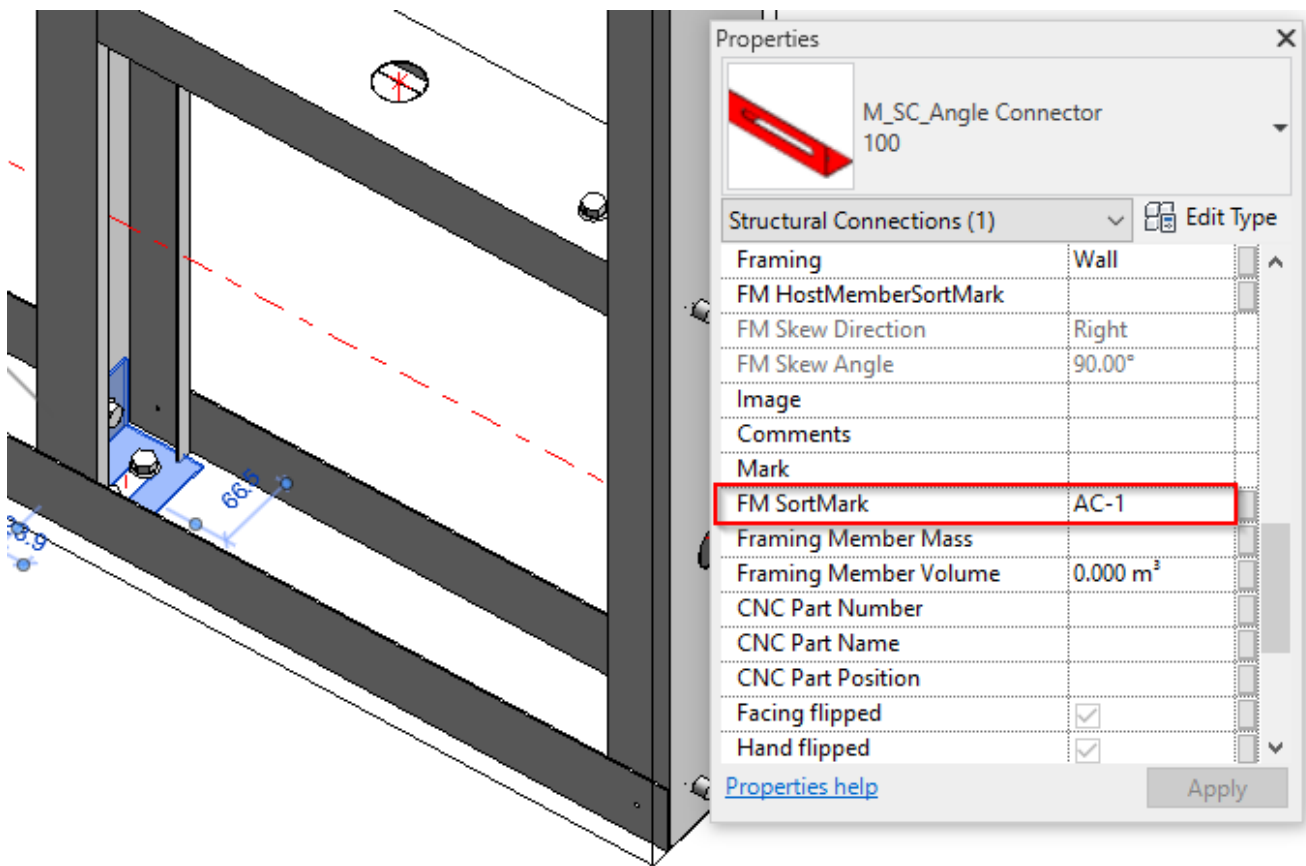
Write Position for CNC Mark
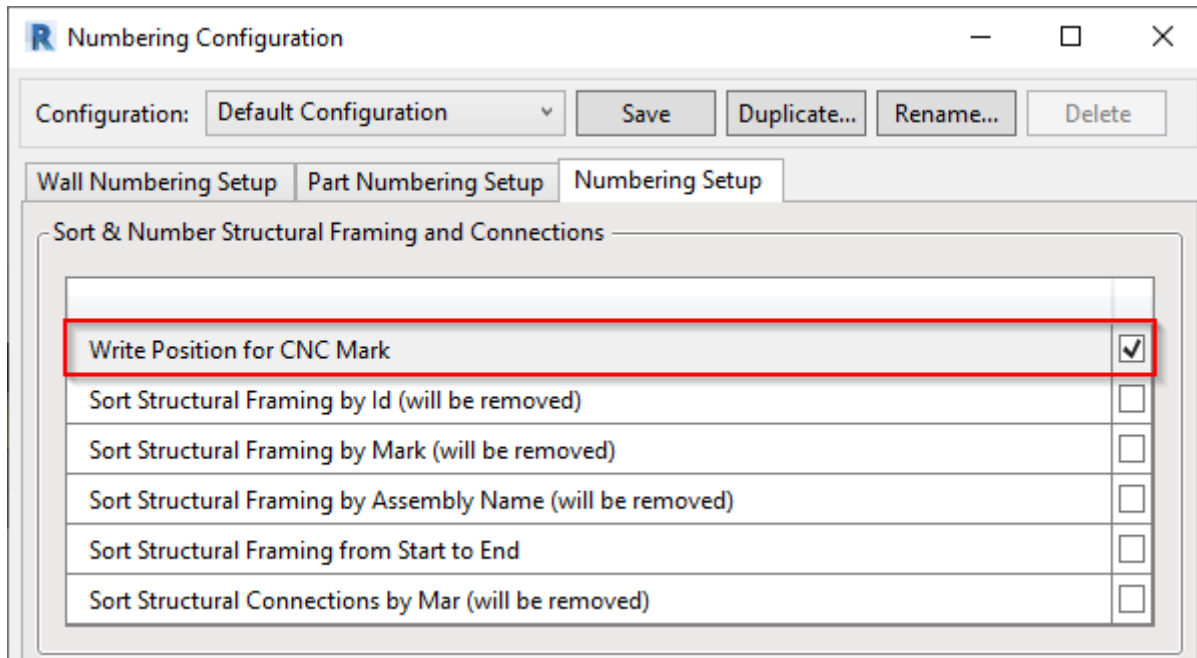
Write Position for CNC Mark – writes CNC position information to framing elements (under Structural Framing Category) and writes result to **CNC Part Position** instance parameter (**http://www.aga-cad.com/products/tools4revit/sort-mark**).

Number Walls

or:

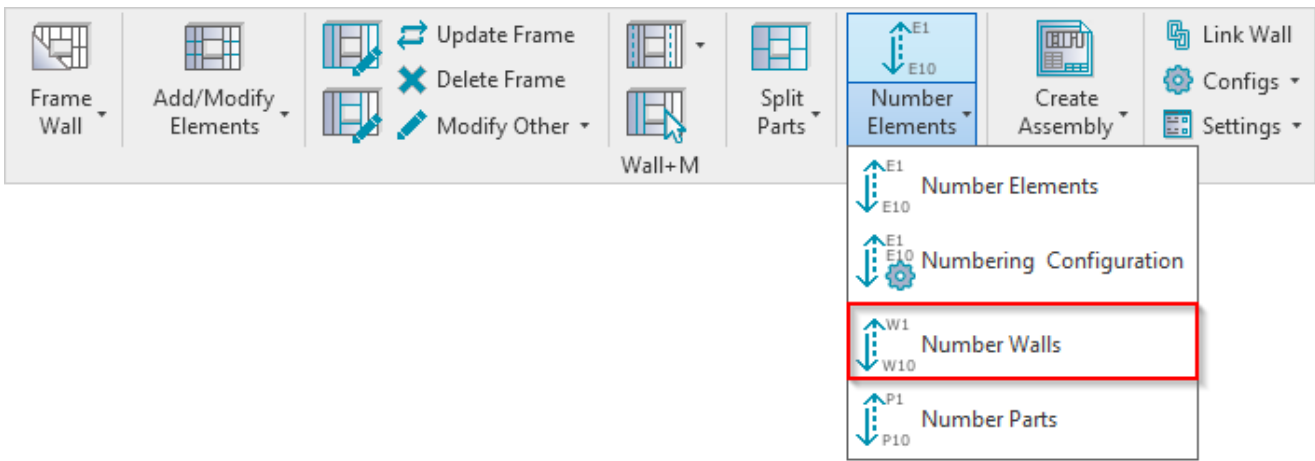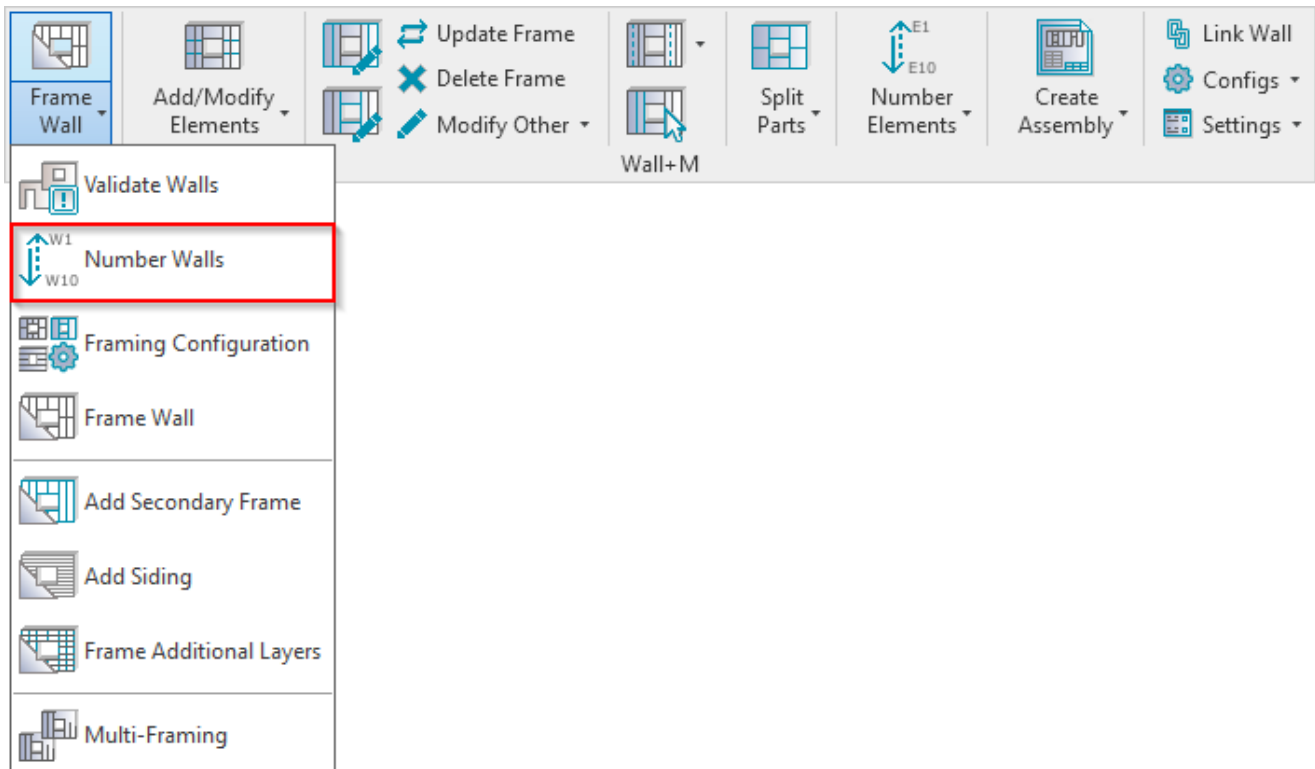**Number Walls –** renumbers all walls by predefined configuration in **Numbering Configuration → Wall Numbering Setup**. Wall numbering configurations come from **Sort Mark** **(http://www.aga-cad.com/products/tools4revit/sort-mark)**.

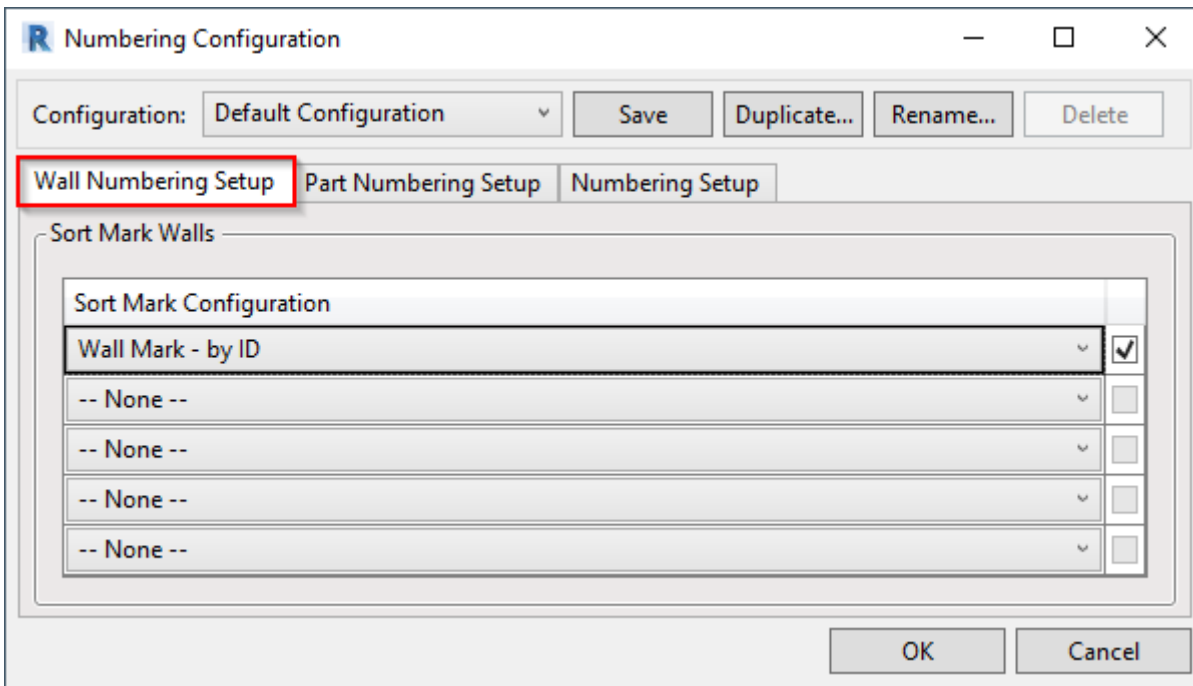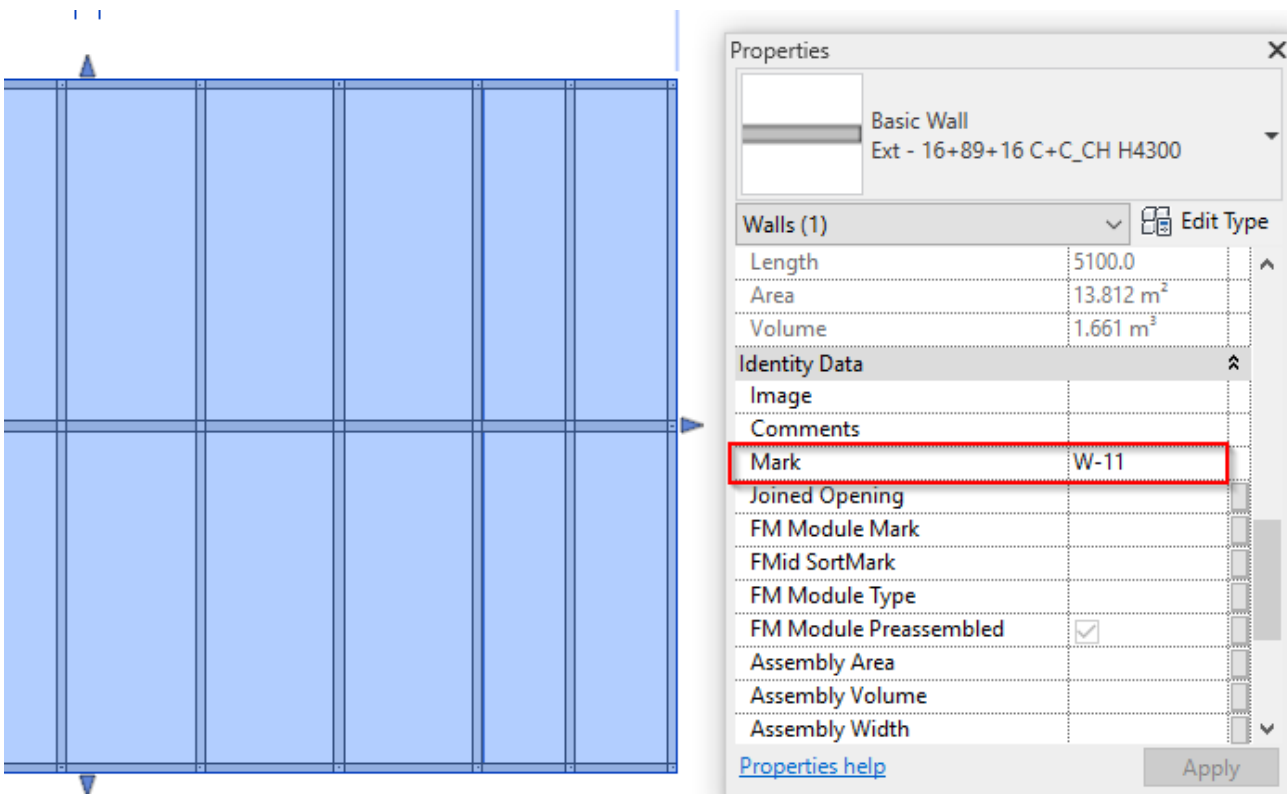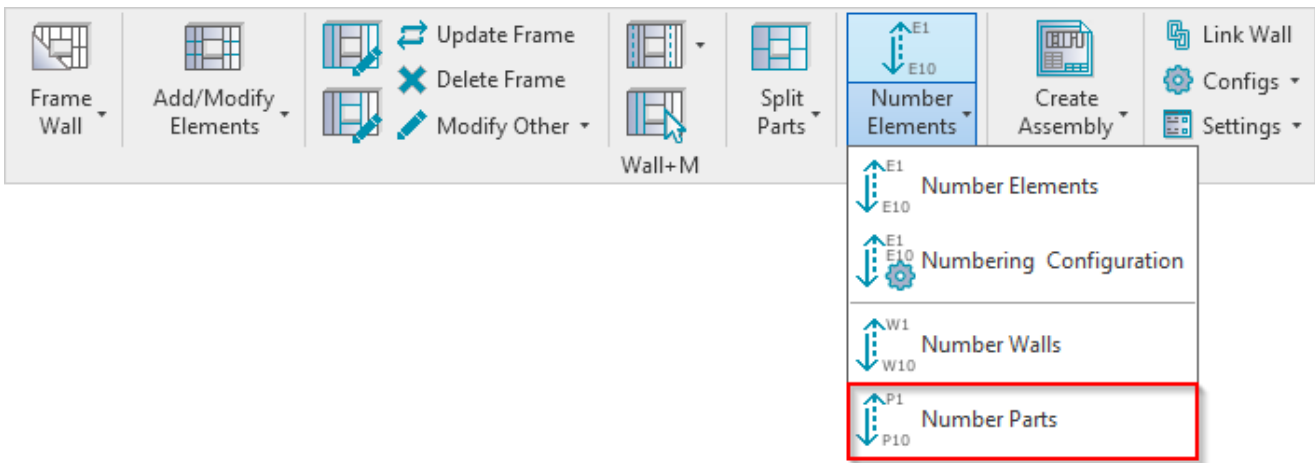*Example: All walls are numbered by unique number, which has W as a prefix. Result is written to the Mark instance parameter.*
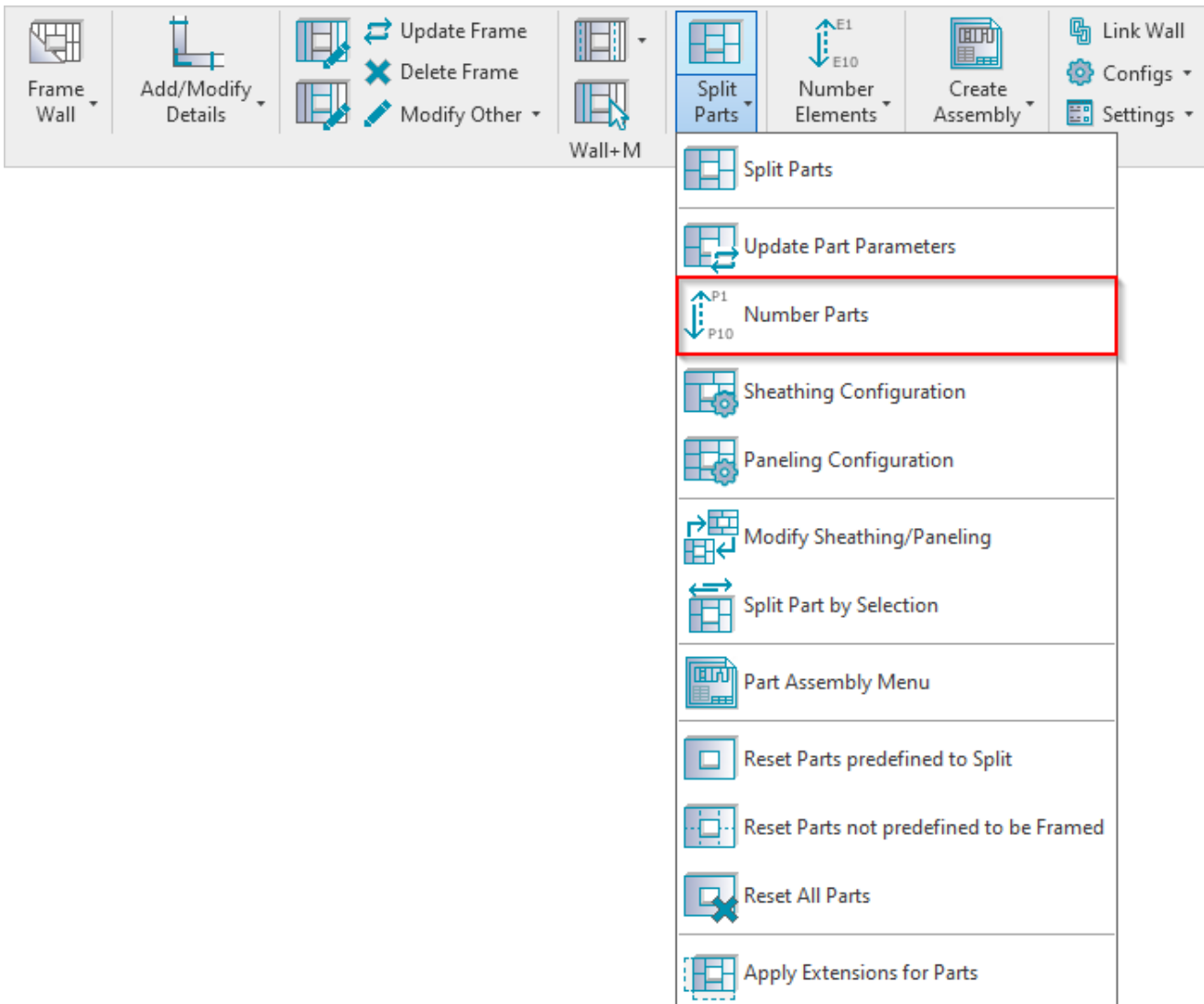*Sort Mark E-Help >>*
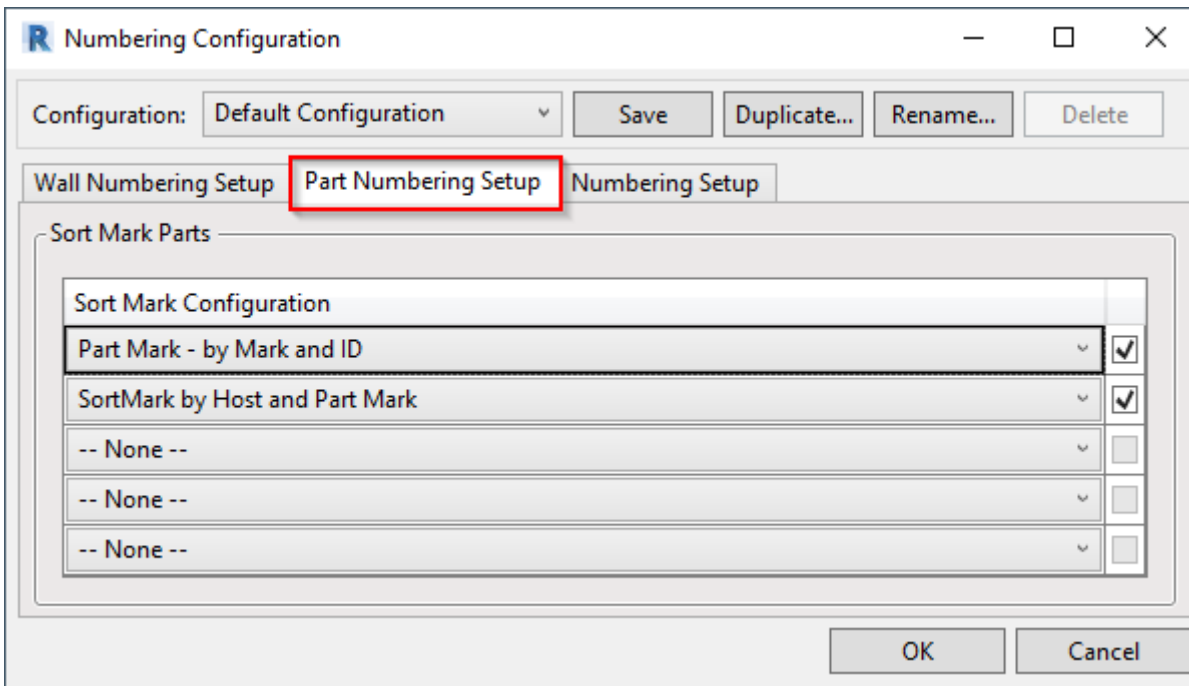

Number Parts

or:

Number Parts – renumbers all sheathing/paneling (Parts) by predefined configuration in **Numbering Configuration →
Part Numbering Setup**. Part numbering configurations come from **Sort Mark** **(http://www.aga-
cad.com/products/tools4revit/sort-mark)**.

*Example: All sheathing/paneling elements (Parts) are grouped by **Framing Member Mark** (comes from **Framing Configuration → Common Settings → Elements Mark Definitions**), uniquely numbered, and have **Framing Member Mark** value as a prefix. Result is written to the **Mark** instance parameter.*

Sort Mark E-Help >>