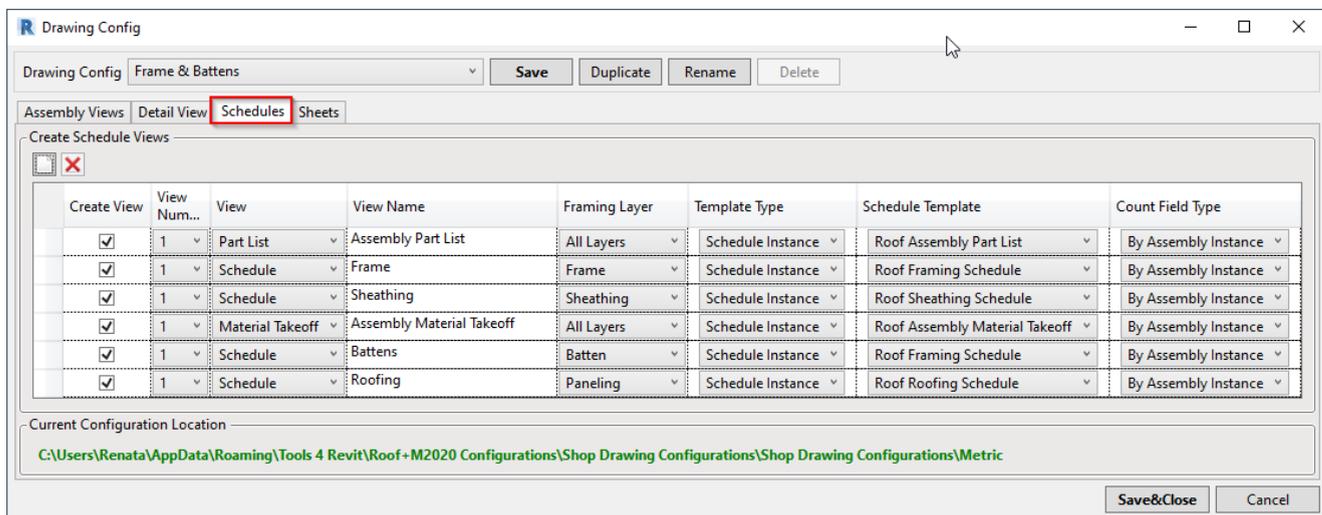
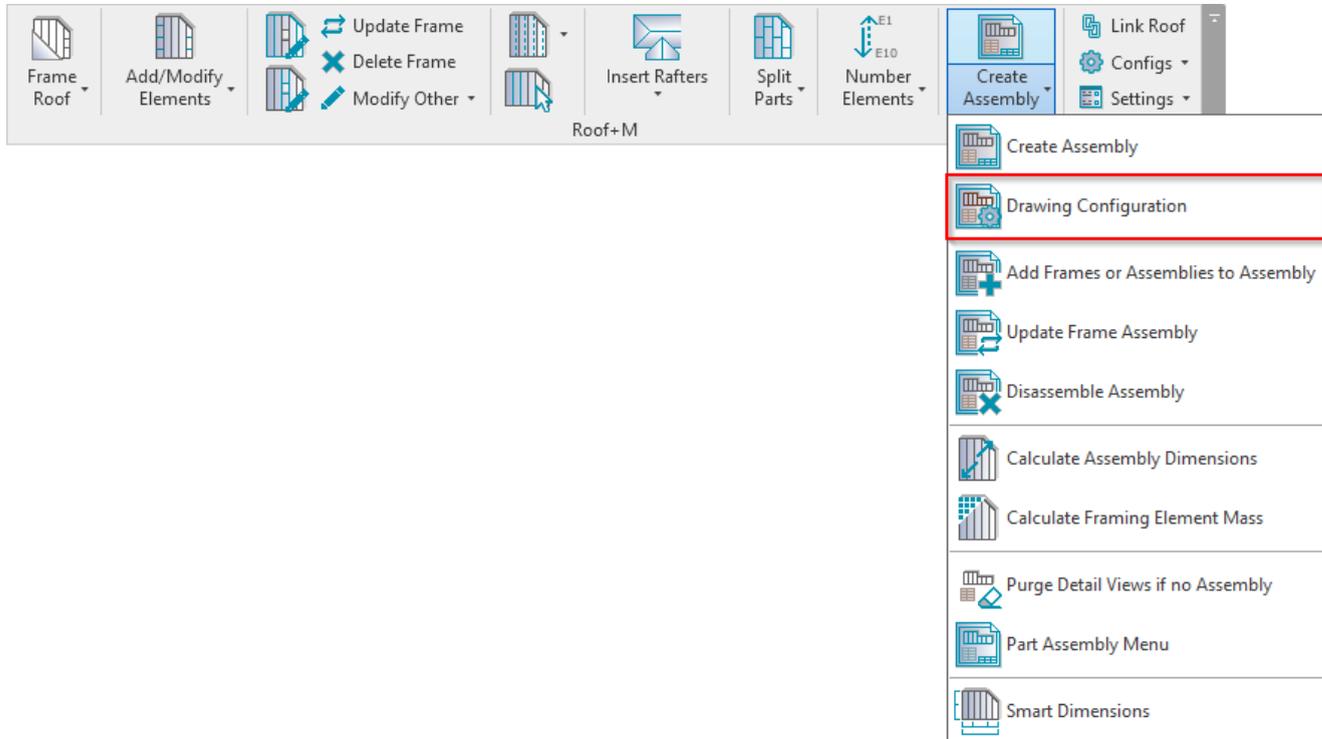


# SHOP DRAWINGS – Drawing Configuration – Schedules

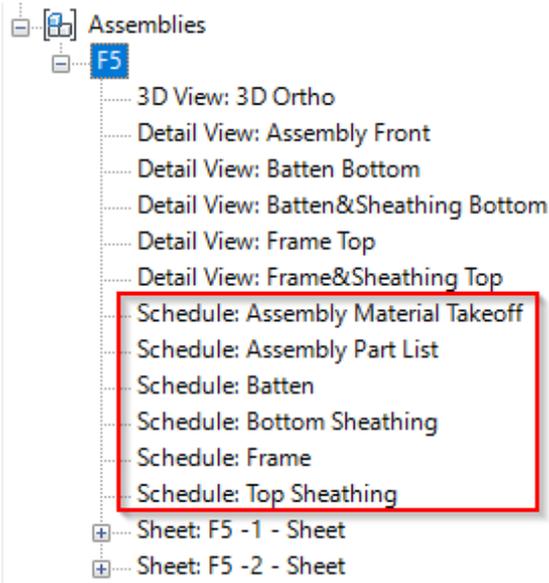
Modified on: Thu, 19 Sep, 2019 at 8:43 PM

## Schedules



**Roof+M** creates schedules in the roof assembly using predefined settings.

**Create View** – select the schedule views you want to create in the assembly.



**View Name** – enter a name for the selected view.

**Framing Layer** – select the framing layer you want to filter in the view. It can be: main Frame, Battens, Roofing, Paneling, Sheathing, etc.

**Template Type** - select if the template schedule should come from the current project or from the template project.

**Schedule Template** – select a schedule from your current project to be a template for the assembly part list, material takeoff, and other schedules.

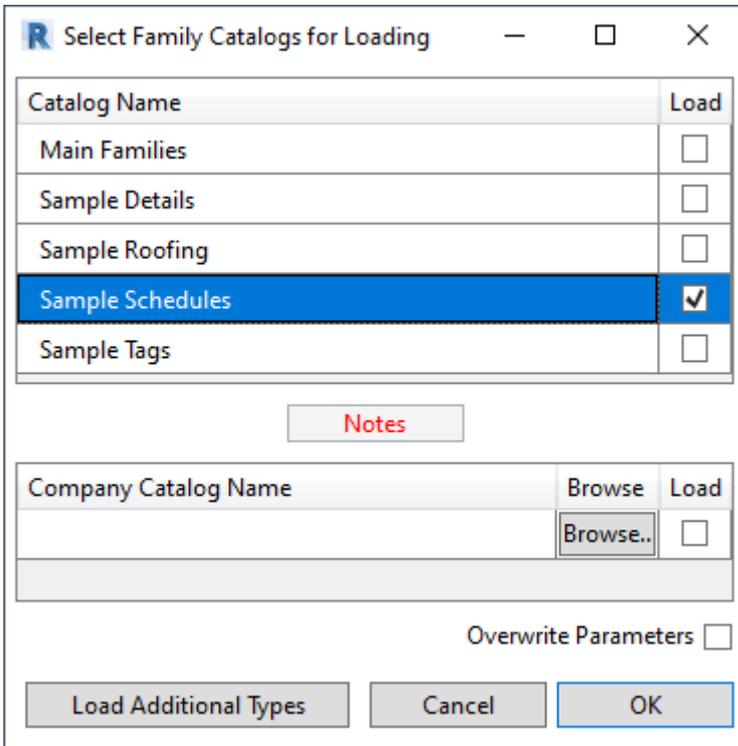
Regular schedule which is used as a template:

<Roof Framing Schedule>				
A	B	C	D	E
Framing Member	FM SortMark	Count	Cut Length	Framing Member Mass
R-1				
Board	BD-1	1	72.25	0.0000 lbm
Board	BD-2	1	77.75	0.0000 lbm
Board	BD-3	1	83.25	0.0000 lbm
Board	BD-4	3	96.00	0.0005 lbm
Common Joist	J-1	1	162.15	0.0007 lbm

Assembly schedule which is created using **Roof+**:

<Frame Schedule>				
A	B	C	D	E
Framing Member	FM SortMark	Count	Cut Length	Framing Member Mass
R-1				
Board	BD-4	3	96.00	0.0005 lbm
Common Joist	J-1	1	162.15	0.0007 lbm
Common Joist	J-2	2	164.55	0.0015 lbm
Edge Joist	EJ-1	1	139.35	0.0006 lbm
Edge Joist	EJ-2	1	164.55	0.0007 lbm
Hip_Valley Board	HVB-1	1	42.61	0.0001 lbm
Trimmer	BT-1	1	69.44	3.2631 lbm
Trimmer	TT-1	1	96.00	4.5490 lbm
Trimmer	TT-2	1	96.00	10.0077 lbm
12				17.8239 lbm

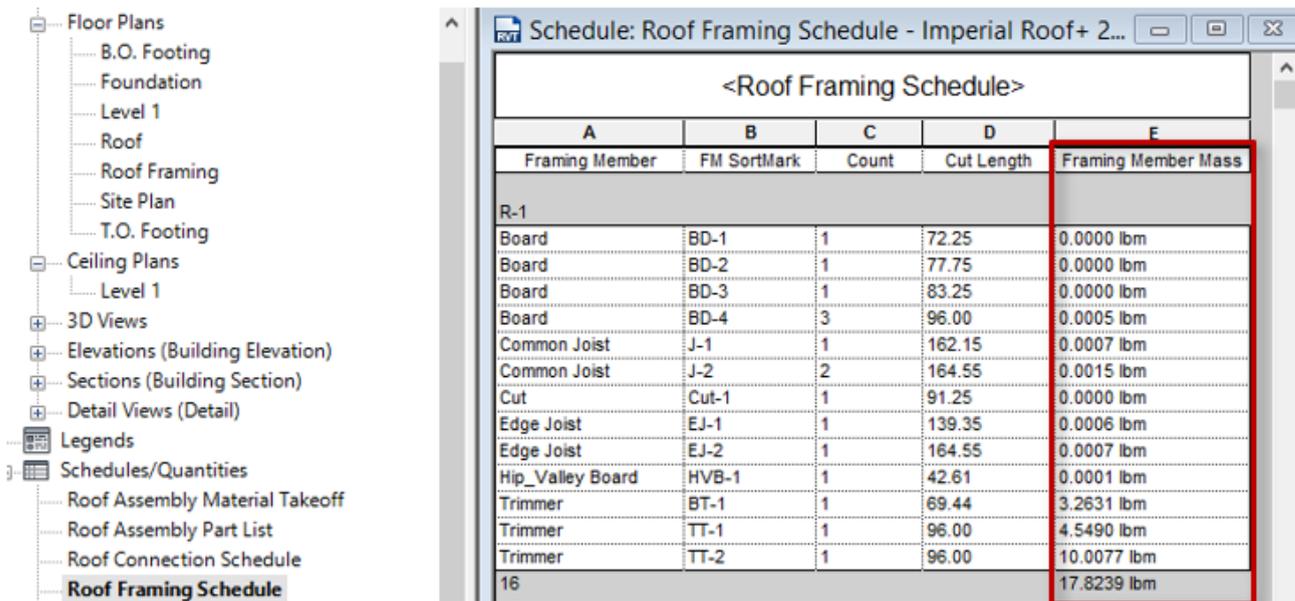
Sample schedules will be loaded with **Roof+M** → **Settings** → **Load Families**. You can modify it or create your own with your own columns, filters, etc.



The software automatically creates additional parameters that can be used in schedules.

Example: **Framing Member Mass** – shows the mass (or weight) of every element.

Note: Elements need to have material assigned with a **Density** value. Materials can be assigned to the element subcategory in Revit → Manage → Object Styles.



### Count Field Type

Create View	View Num...	View	View Name	Framing Layer	Template Type	Schedule Template	Count Field Type
<input checked="" type="checkbox"/>	1	Part List	Assembly Part List	All Layers	Schedule Instance	Roof Assembly Part List	By Assembly Instance
<input checked="" type="checkbox"/>	1	Schedule	Frame Schedule	Frame	Schedule Instance	Roof Framing Schedule	By Assembly Instance
<input checked="" type="checkbox"/>	1	Schedule	Sheathing Schedule	Sheathing	Schedule Instance	Roof Sheathing Schedule	By Assembly Instance
<input checked="" type="checkbox"/>	1	Material Takeoff	Assembly Material Takeoff	All Layers	Schedule Instance	Roof Assembly Material Takeoff	By Assembly Type
<input checked="" type="checkbox"/>	1	Schedule	Batten Schedule	Batten	Schedule Instance	Roof Framing Schedule	By Assembly Instance
<input checked="" type="checkbox"/>	1	Schedule	Secondary Frame Schedule	Secondary Frame	Schedule Instance	Roof Framing Schedule	By Assembly Instance

**Count Field Type** – elements can be counted for one instance of the assembly (By Assembly Instance) or can be counted across multiple instances of an assembly (By Assembly Type).

Make sure that **Calculate Totals** setting is selected in your schedule template:

A	B	C	D	E
Framing Member	FM SortMark	Count	Cut Length	Framing Member Mass
R-18				
Blocking	SBJ-1	1	2400.00	2.90 kg
Board	BD-1	3	2400.00	11.80 kg
Common Joist	J-1	3	4148.41	128.50 kg
Edge Joist	EJ-1	2	4148.41	85.67 kg
Trimmer	TT-1	1	2400.00	12.96 kg
Trimmer	TT-2	1	2400.00	5.75 kg
11				247.57 kg

Then it will count multiple instances of assemblies. After creating or updating the assembly, you will see all counted elements of the same assemblies.f