

# ADVANCED SETUP

Modified on: Sat, 31 Jul, 2021 at 8:03 PM

## Advanced Setup

EasyFrame Exporter. Export Setup

Configuration : Default Configuration [v] [Save] [Duplicate] [Rename] [Delete]

**Common Settings**

Location for export of CNC files

Project file location  
 Custom location

Custom location [Browse]  
 C:\Users\Renata\AppData\Roaming\Tools 4 Revit\EFEWood22 [Browse]

**Project Information Parameters**

Project Name: [Project Name] [v]  
 Object Number: [Project Number] [v]

**Element Identification and Mark**

[Default Configuration] [v] [Configure]

Automatically skip not marked Elements  
 Automatically skip filtered out Elements

**Assembly Station Mode**

Export as one file

**Element Identification and Mark** – select element identification and marking configuration. This goes to advanced settings where you can predefine marking for plates/rims joists, girders, studs, joists and columns. Also you can make special element filtering.

EasyFrame Exporter. Advanced Setup

Configuration : Default Configuration Save Duplicate Rename Delete

Job Name Bundle Name Component Name

Available Parameters:

- Building Name : Instance
- Category : Instance
- Client Name : Instance
- Id : Instance
- Organization Description : Instance
- Organization Name : Instance
- Project Issue Date : Instance
- Project Name : Instance
- Project Number : Instance
- Project Status : Instance

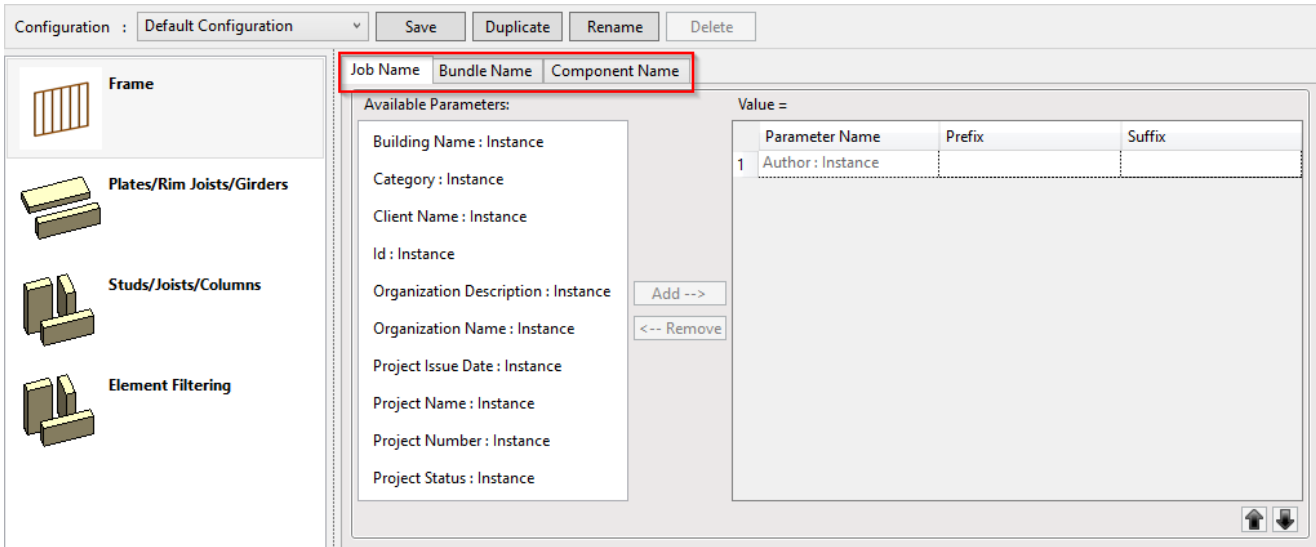
Add --> <-- Remove

Value =

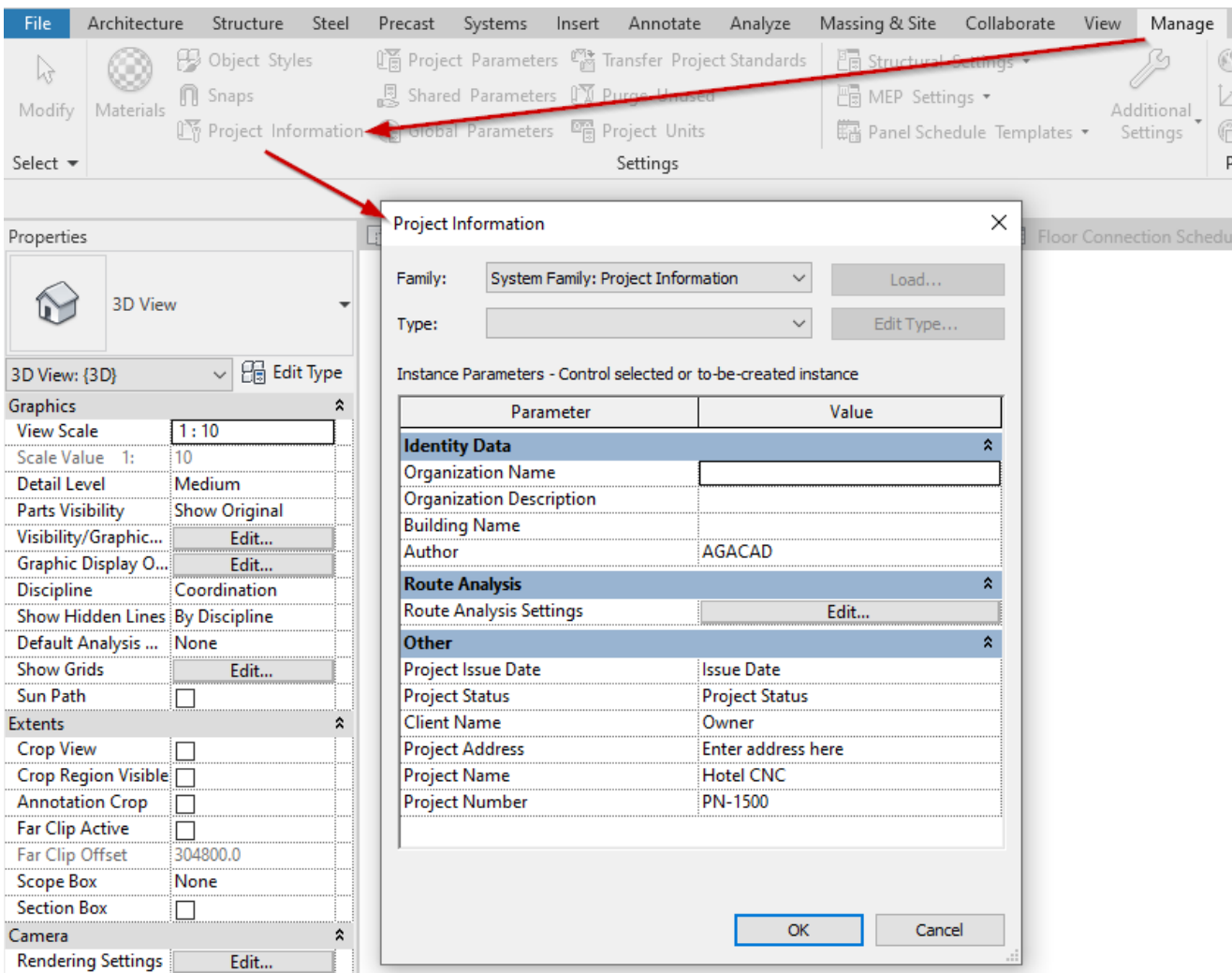
Parameter Name	Prefix	Suffix
1 Author : Instance		

OK Cancel

# Frame - Job Name, Bundle Name, Component Name tabs



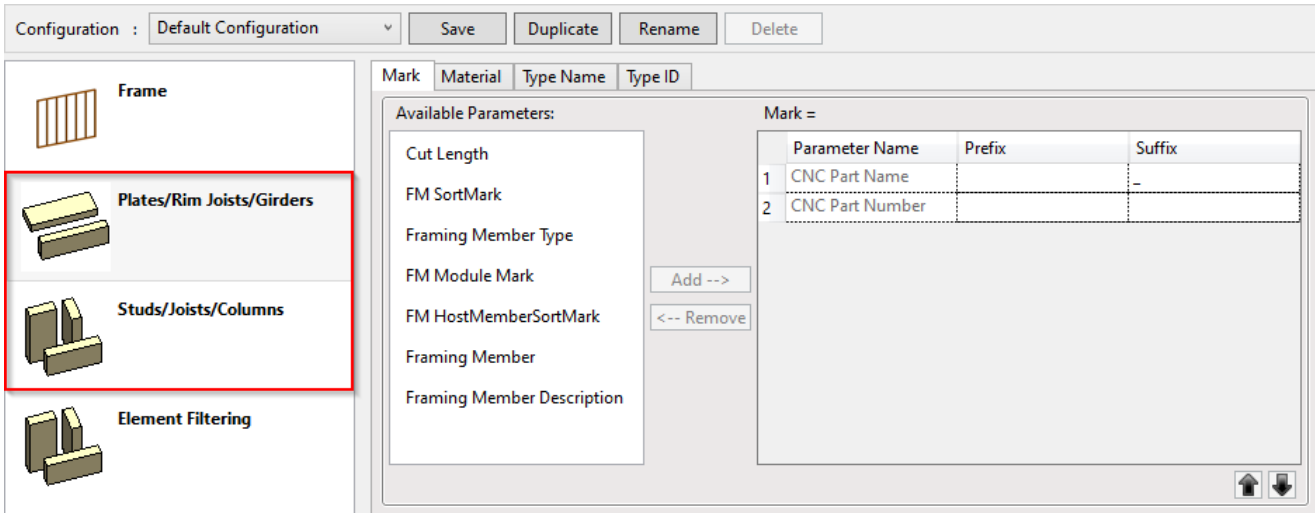
**Job Name, Bundle Name, Component Name** tabs – predefine rules for filling Job Name, Bundle Name, Component Name information. Some of parameters comes from Revit → **Manage** → **Project Information**:



Example, **Job Name, Bundle Name** and **Component Name** consists **Author** parameter values from **Project Information**:

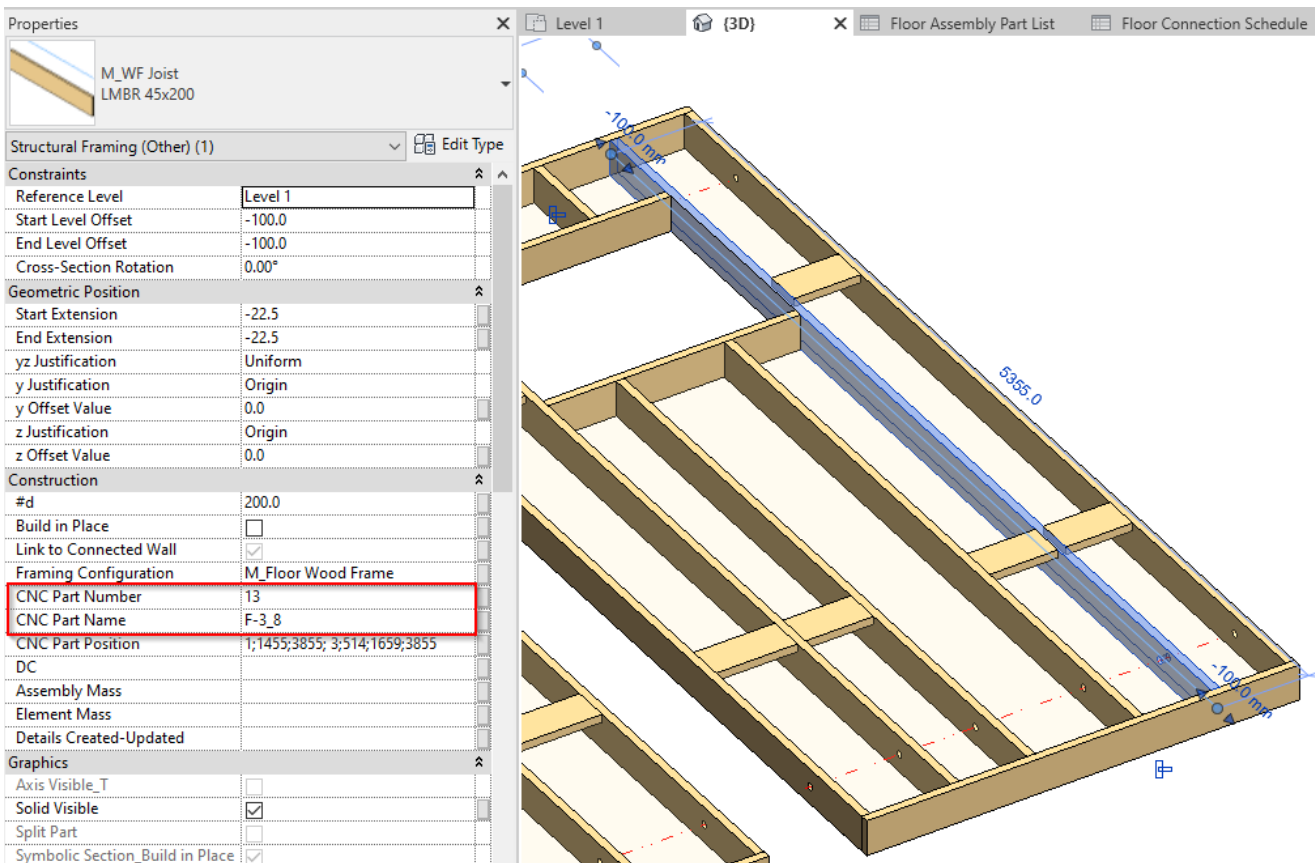
```
AGACAD-Hotel CNC.ezf x
1 <?xml version="1.0"?>
2 <Batch xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www
3 <Jobs>
4 <Job>
5 <JobName>AGACAD</JobName>
6 <Bundles>
7 <Bundle>
8 <BundleName>AGACAD</BundleName>
9 <BuildingComponents>
10 <BuildingComponent>
11 <ComponentName>AGACAD</ComponentName>
12 <Parts>
13 <Part>
14 <Material>Softwood, Lumber</Material>
15 <PartTypeName>RimJoist2</PartTypeName>
16 <PartId>F-3_6_7</PartId>
17 <Thickness>1.77</Thickness>
18 <Width>7.87</Width>
19 <BuildingComponentDepth>7.87</BuildingComponentDepth>
20 <FamilyTypeId>0</FamilyTypeId>
21 <ElevationPoints>
22 <PlotPoint>
23 <X>0</X>
24 <Y>210.83</Y>
```

# Plates/Rim Joists/Girders, Studs/Joists/Columns



**Mark, Material, Type Name, Type ID** tabs – predefine rules for filling Mark, Material, Type Name, Type ID. Parameters come from framing element instance properties.

*Example, Mark (PartId in ECF file) is filled CNC Part Name and CNC Part Number:*



**Result:**

```
<Part>
  <Material>Softwood, Lumber</Material>
  <PartTypeName>TrimmingJoist</PartTypeName>
  <PartId>F-3_8_13</PartId>
  <Thickness>1.77</Thickness>
  <Width>7.87</Width>
  <BuildingComponentDepth>7.87</BuildingComponentDepth>
  <FamilyTypeId>0</FamilyTypeId>
  <ElevationPoints>
    <PlotPoint>
      <X>16.33</X>
      <Y>1.77</Y>
    </PlotPoint>
    <PlotPoint>
      <X>16.33</X>
      <Y>210.83</Y>
    </PlotPoint>
  </ElevationPoints>
</Part>
```

Example, **Material** is filled material from element:

Mark **Material** Type Name Type ID

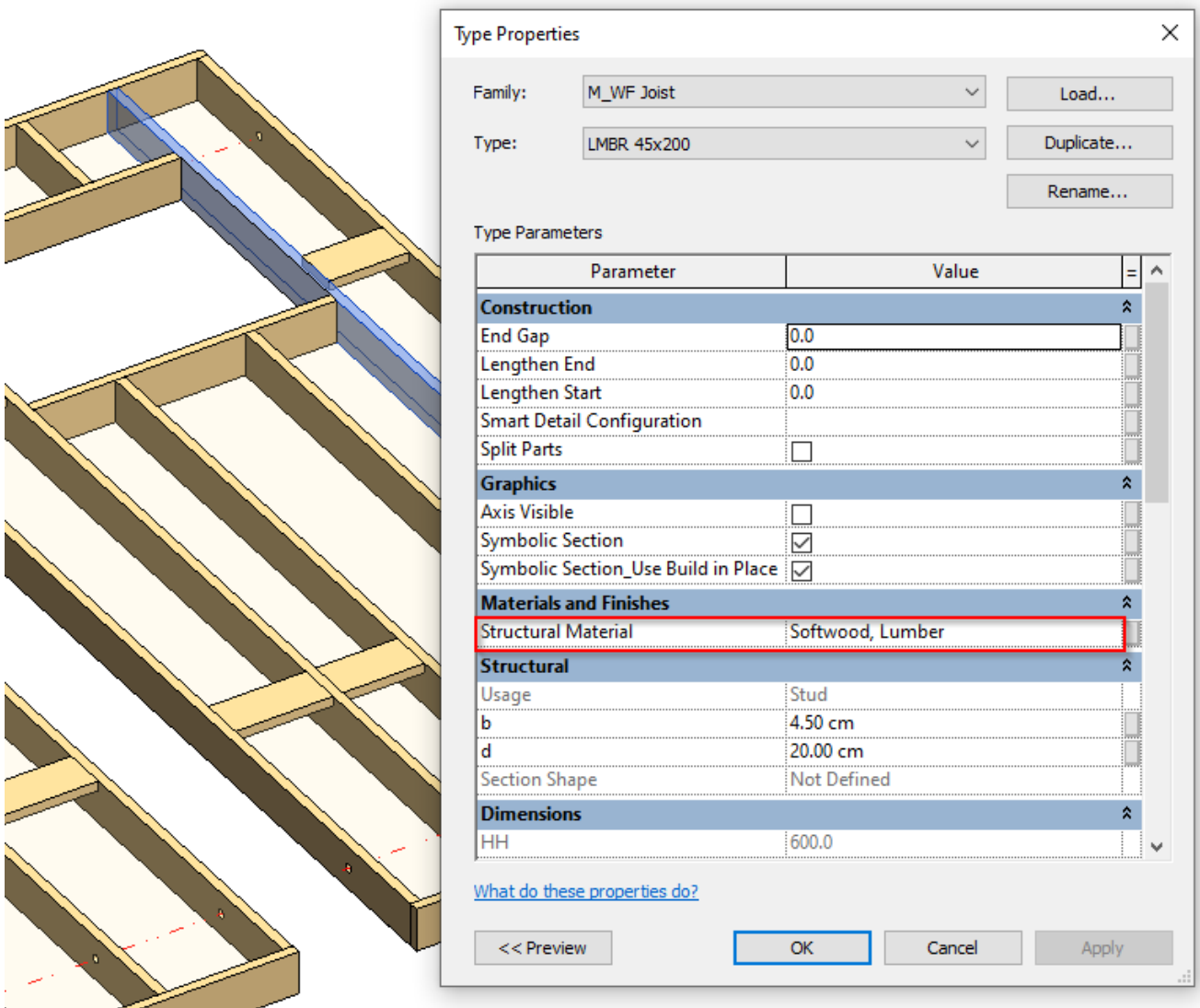
Available Parameters:

- Category : Instance
- Comments : Instance
- HEB\_E : Instance
- HEB\_S : Instance
- Id : Instance
- Mark : Instance
- CNC Part Name : Instance Shared
- CNC Part Number : Instance Shared
- CNC Part Position : Instance Shared

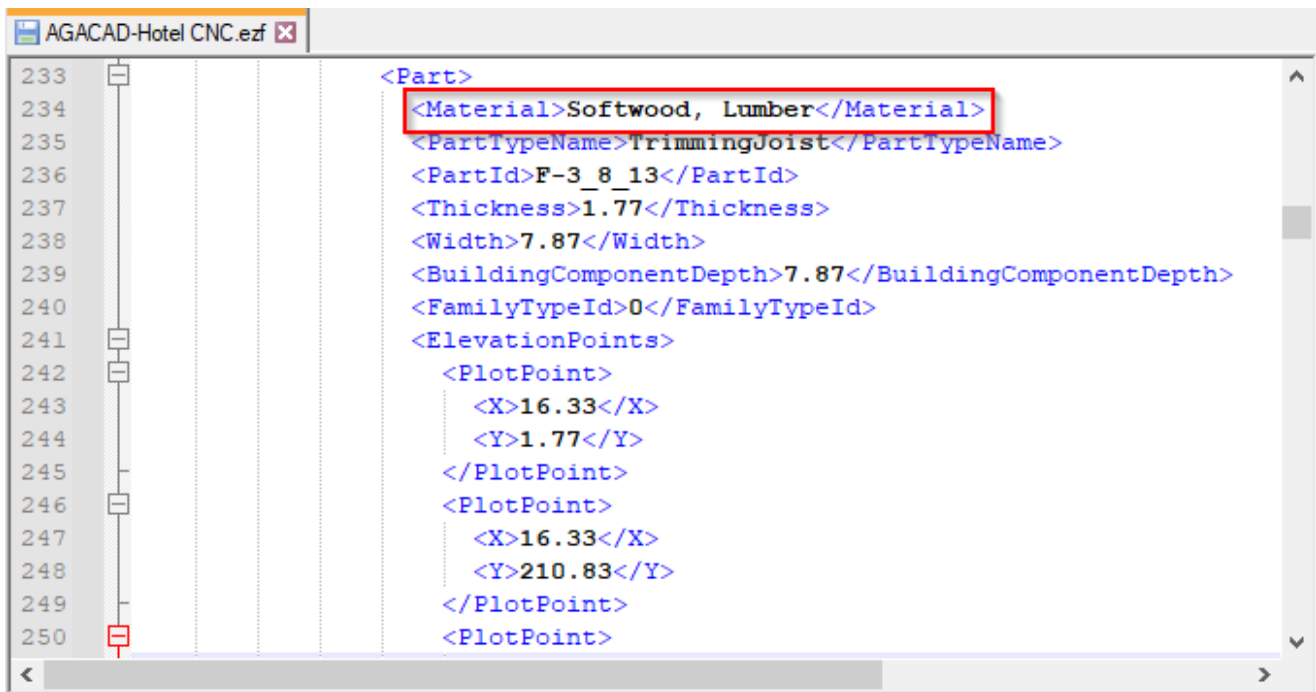
Value =

	Parameter Name	Prefix	Suffix
1	Structural Material : Type		

Buttons: Add --> <-- Remove



Result:



Example, Type Name (PartTypeName in ECF file) is filled with Framing Member Description from element:

Mark Material **Type Name** Type ID

Available Parameters:

- Category : Instance
- Comments : Instance
- HEB\_E : Instance
- HEB\_S : Instance
- Id : Instance
- Mark : Instance
- CNC Part Name : Instance Shared
- CNC Part Number : Instance Shared
- CNC Part Position : Instance Shared

Add -->

<-- Remove

Value =

Parameter Name	Prefix	Suffix
1 Framing Member Description : Instance Shared		

Properties

M\_WF Joist  
LMBR 45x200

Structural Framing (Other) (1) Edit Type

FM Start_Rear Angle_Cut Angle	90.00°
FM Start_Rear Bevel_Cut Angle	90.00°
Image	
Comments	
Mark	
FM Module Type	Default Configuration
FM Module Mark	TJ L
FM Module Preassembled	<input checked="" type="checkbox"/>
<b>Framing Member Description</b>	<b>Trimming Joist</b>
Framing Member Volume	0.048 m³
Framing Member Type	Joist
Framing Member Mark	TJ
FM SortMark	TJ-4
Framing Member	Trimming Joist
Framing	Floor
FM HostMemberSortMark	F-3
Framing Layer	Frame
Framing Member Mass	
Framing Member Cut Length	5310.0
FM Wood Grade	
FM Wall Layer	Frame

Phasing

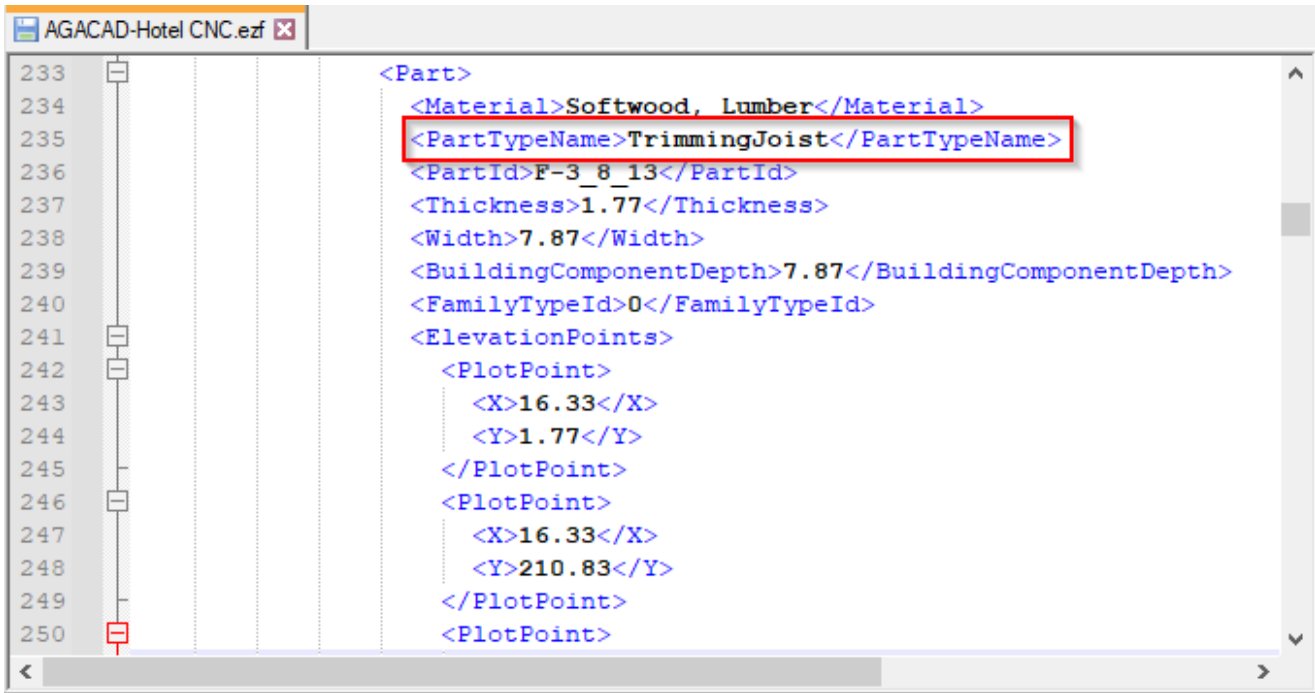
Phase Created	New Construction
Phase Demolished	None

Model Properties

End Flange	45.0
End Slope	0.00°
External	<input type="checkbox"/>
Internal	<input type="checkbox"/>
Left	<input type="checkbox"/>

Result:








```
233 <Part>
234   <Material>Softwood, Lumber</Material>
235   <PartTypeName>TrimmingJoist</PartTypeName>
236   <PartId>F-3_8_13</PartId>
237   <Thickness>1.77</Thickness>
238   <Width>7.87</Width>
239   <BuildingComponentDepth>7.87</BuildingComponentDepth>
240   <FamilyTypeId>0</FamilyTypeId>
241   <ElevationPoints>
242     <PlotPoint>
243       <X>16.33</X>
244       <Y>1.77</Y>
245     </PlotPoint>
246     <PlotPoint>
247       <X>16.33</X>
248       <Y>210.83</Y>
249     </PlotPoint>
250   </ElevationPoints>
```


# Element Filtering

Configuration : Default Configuration Save Duplicate Rename Delete

 **Frame**

 **Plates/Rim Joists/Girders**

 **Studs/Joists/Columns**

 **Element Filtering**

### Element Filtering

Filter by :  
FM Module Mark : Instance Shared ▼  
equals ▼  
  
And ▼  
(  
Filter by :  
None ▼  
none ▼  
  
And ▼  
Filter by :  
None ▼  
none ▼  
  
)

**Element Filtering** – rules for filtering elements. Such elements can be skipped from exporting to EZF file with **Export Setup** → **Common Settings** → **Automatically skip filtered out Elements**.