# Steel Detailing Requirements – Example

<u>Files required for FabStation</u>

1. All drawings to be submitted in .PDF format separated into folders by page size
   a. 8x11 = Sub-parts, omit all main part of assembly drawings from this folder, all dimensions and marks will be show on the assembly drawing.
   b. 11x17 = Assemblies
   c. 24x36 = Assemblies
   d. File names to match the part or assembly number.
2. Fabtrol/KISS file - .kss file format for all assemblies.
3. .ifc file export of the whole model, in Tekla, Export – IFC, Export type = Steel Fabrication View
4. Visit: https://kb.fabstation.ca/knowledge-base/tekla-export/ for more details on the structure of the export.
5. See Appendix 1 for more details on the use of the Assembly Exporter required for IFC file export.
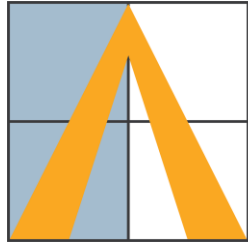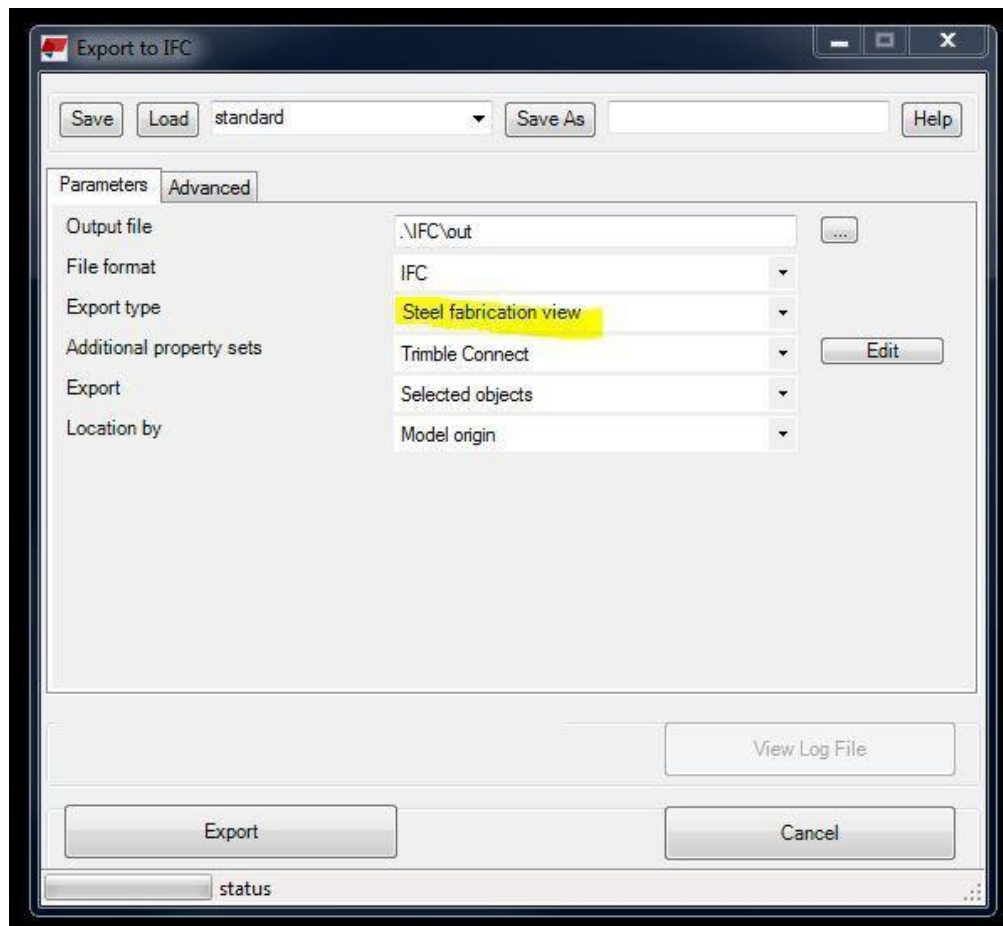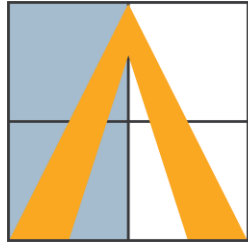
APPENDIX 1

Export Project IFC - Tekla Structures

To export the complete project IFC file from Tekla Structures follow the below guidelines:

- Output file – Select the desired location of the output file and file name. We suggest using the project name in the file
- File Format – "IFC"
- Export Type – "Steel Fabrication View"

Select the "Advanced" tab to review the additional settings.
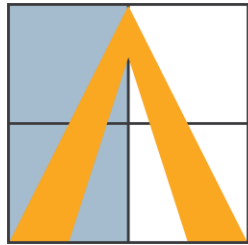
On the "Advanced" tab select:

- Object Types
    - Assemblies
    - Bolts
    - Grid
    - Surface treatments and surfaces

- Other
    - Export at and wide beams as plates
    - Spatial hierarchy from Organizer

Once complete, select "Export" to export the project IFC

There is a good walkthrough video on YouTube if you are unsure of this process:
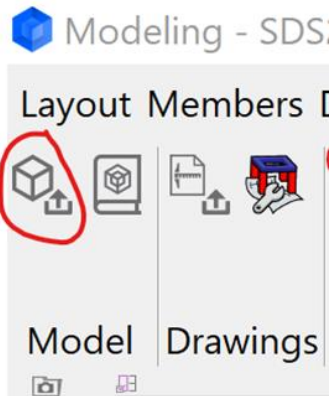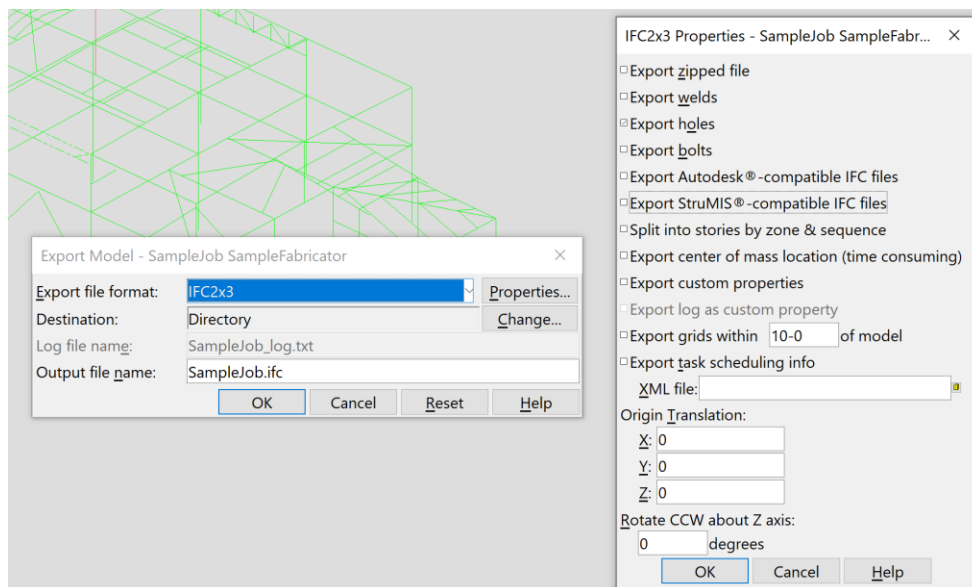
https://www.youtube.com/watch?v=rBwA8JVBy6A
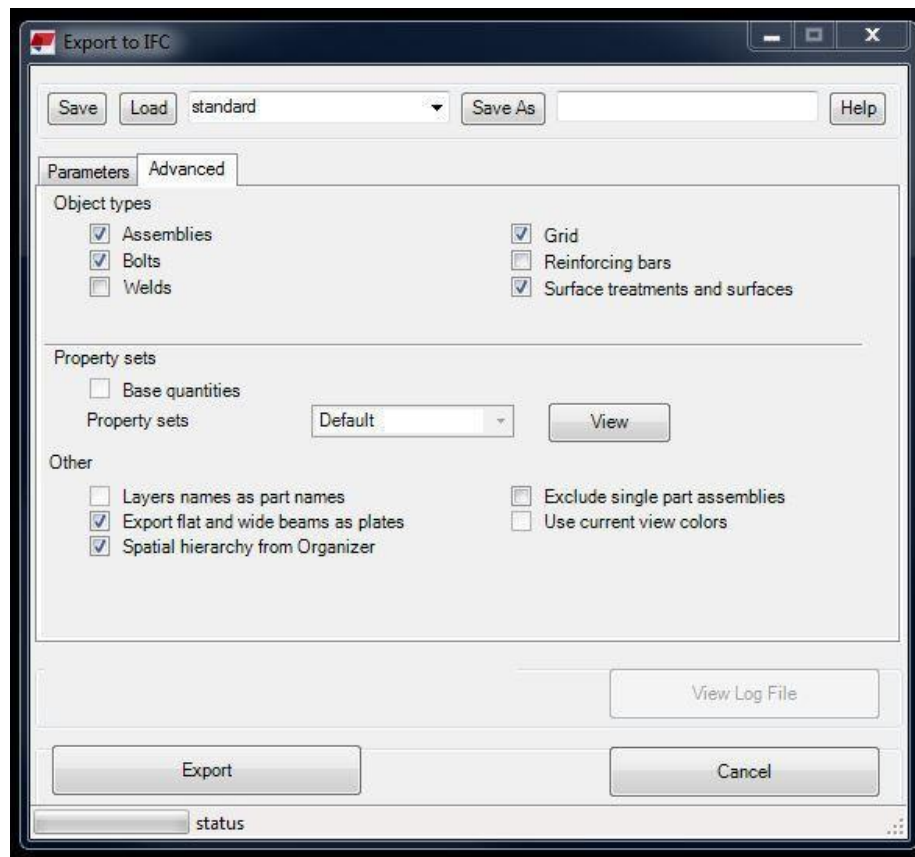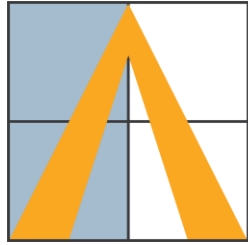
Export Project IFC – SDS2

To export the project IFC file from SDS2 follow the below guidelines:

- Select the Import/Export Tab
- Under "Model" Select "Export Model"

- Export file format should be IFC2x3
- Destination – Select the desired location of the output file and file name. We suggest using the project name in the file
- Select the "Properties" button to review the additional settings.
- Select "Export holes"

To export the project KSS file from SDS2 follow the below guidelines:

- Select the Import/Export Tab
- Under "MRP" Select "KISS"
- Select the desired destination and KISS folder name.