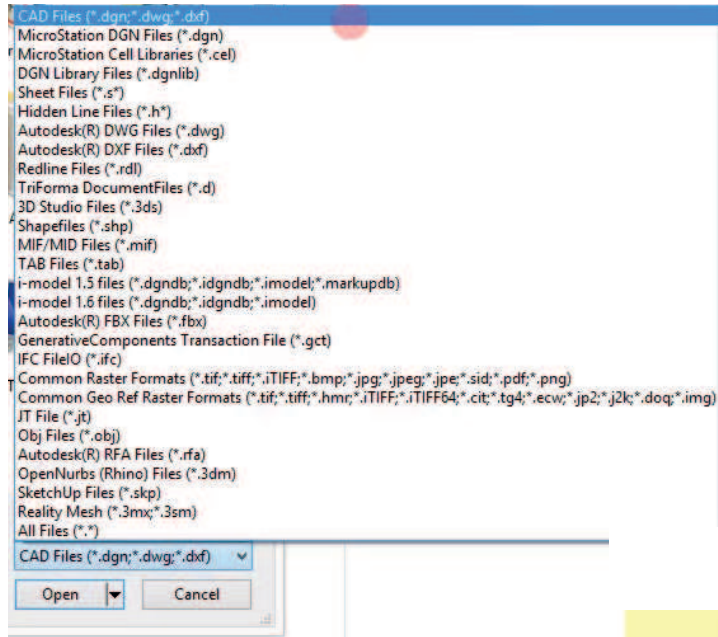















Open files












Import Files

Common File Types	Exchange File Types	3D Modeling File Types	Structural
	DWG (*.dwg)	Autodesk(r) Drawing File.	
	DGN (*.dgn)	Design File. A CAD file format supported by Bentley Systems Inc. The native format file for AECOsim Building Designer.	
	Cell Library (*.cel)	A DGN-based file that stores cells.	
	DGNLIB (*.dgnlib)	Design Library. A DGN-based file that contains data resources, such as cells, levels, and styles.	
	Redline (*.rdl)	A DGN-based file that used by for markup and redlining workflows.	
	Sheet (*.s)	A 3D DGN-based file in which views of the model file(s), including visible edges and sections, are attached.	
	DgnDB (*.idgn;*.imodel)	DgnDB file.	
	Imodel (*.imodel)	A DGN-Based file that is a digital container for the open exchange of infrastructure information.	
	Shapefile (*.shp)	A popular geospatial vector data format for geographic information system software.	
	Text (*.txt)	Text File. An ASCII format file that is structured as a sequence of lines of text.	
	Image	Common raster file format.	
	MIF/MID (*.mif)	MapInfo interchange format file stores both geometry and attributes (data) for features.	
	TAB (*.tab)	MapInfo native format file stores both geometry and attributes (data) for features.	

Import File Data

- Common File Types
- Exchange File Types**
- 3D Modeling File Types
- Structural









Exchange File Types

 DXF (*.dxf)	Drawing Exchange Format. A drawing exchange file format supported by most CAD packages.
 CGM (*.cgm)	Computer Graphics Metafile
 FBX (*.fbx)	Filmbox format. A proprietary format owned by Autodesk (r).
 JT Format (*.jtt)	A 3D data format developed by Siemens PLM Software (formerly UGS Corp.).
 IGES (*.igs)	Initial Graphics Exchange Specification.
 IFC (*.ifc)	Industry Foundation Classes. A data model intended to describe building and construction industry data.
 RFA (*.rfa)	Autodesk Revit Family file which contains components that can be placed in a project.
 STEP (*.stp)	Standard for the Exchange of Product model data (AP203/AP214).
 Land XML (*.xml)	Terrain Model. A specialized XML data file format containing civil engineering and survey measurement data commonly used in the Land Development and Transportation Industries.

Import File Data

- Common File Types
- Exchange File Types
- 3D Modeling File Types**
- Structural

3D Modeling File Types

 Import RFA to Catalog	Launch Wizard to create catalog entries from RFA files
 ACIS (*.sat)	Geometric modeling kernel developed by Spatial Corporation (formerly Spatial Technology).
 3DS (*.3ds)	3D Studio File. A File format used by the Autodesk(r) 3ds Max 3D modeling, animation and rendering software.
 SketchUp (*.skp)	SketchUp is a 3D modeling program for applications such as architectural, interior design, civil and mechanical engineering, film, and video game design.
 3DM (*.3dm)	Rhino file. Useful for the exchange of NURBS geometry.
 Stereolithography (*.stl)	Stereolithography file. Also known as Standard Tessellation Language file. A file format native to the stereolithography CAD software created by 3D Systems.
 Parasolid (*.x_t)	A geometric modeling kernel originally developed by ShapeData, now owned by Siemens PLM Software (formerly UGS Corp.)
 OBJ (*.obj)	Geometry definition file format first developed by Wavefront Technologies.

Import File Data

Structural Analysis Formats

- Common File Types
- Exchange File Types
- 3D Modeling File Types
- Structural**

- CIS/2 Import Import CIS/2 File
- SDNF Import Import SDNF file
- OasysGSA Import OasysGSA Import
- STAAD Import STAAD Import**

Export Files

Export File Data

Common File Types

- Common File Types**
- Exchange File Types
- 3D Modeling File Types
- Visualization File Types
- Analysis File Types
- Structural
- Fabrication File Types

- 2D A DGN-based file containing a 2D design model using the content from the current model.
- DWG (*.dwg) Autodesk(r) Drawing File.
- Design Library (*.dgnlib) A DGN-based file that is labelled as a "Design library" that contains data resources, such as cells, levels, and styles.
- Redline (*.rdl) A DGN-based file that used by for markup and redlining workflows.
- V8 Format Design (*.dgn) Bentley V8 format design file.
- V7 Format Design (*.dgn) Bentley V7 (legacy) format design file.
- Visible Edges (*.hln) A DGN-based file that contains the edges of surfaces that are visible.**

Export File Data

Common File Types

Exchange File Types

3D Modeling File Types

Visualization File Types

Analysis File Types

Structural

Fabrication File Types

Exchange File Types



IFC (*.ifc)

Industry Foundation Classes format



PDF (*.pdf)

Adobe PDF.



CGM (*.cgm)

Computer Graphics Metafile.



Collada (*.dae)

Collaborative Design Activity. An interchange file format for interactive 3D applications.



DXF (*.dxf)

Drawing Exchange Format. A drawing exchange file format supported by most CAD packages.



FBX (*.fbx)

Filmbox format. A proprietary format owned by Autodesk (r).



IGES (*.igs)

Initial Graphics Exchange Specification.



JT Format (*.jtt)

A 3D data format developed by Siemens PLM Software (formerly UGS Corp.).



STEP (*.stp)

Standard for the Exchange of Product model data (AP203/AP214).

Common File Types

Exchange File Types

3D Modeling File Types

Visualization File Types

Analysis File Types

Structural

Fabrication File Types



ACIS (*.sat)

Geometric modeling kernel developed by Spatial Corporation (formerly Spatial Technology).



OBJ (*.obj)

Geometry definition file format first developed by Wavefront Technologies.



Parasolids (*.x_t)

A geometric modeling kernel originally developed by ShapeData, now owned by Siemens PLM Software (formerly UGS Corp.)



SketchUp (*.skp)

SketchUp is a 3D modeling program for applications such as architectural, interior design, civil and mechanical engineering, film, and video game design.



Stereolithography (*.stl)

Standard Tessellation Language file. A file format native to the stereolithography CAD software created by 3D Systems.

Export File Data

Common File Types

Exchange File Types

3D Modeling File Types

Visualization File Types

Analysis File Types

Structural

Fabrication File Types

Visualization File Types



Google Earth (*.kml)

Keyhole Markup Language (KML). A XML based file containing notation for expressing geographic annotation and visualization within Internet-based, two-dimensional maps and three-dimensional Earth browsers.



Luxology (*.lxo)

Luxology scene file format for modo.



SVG (*.svg)

Scalable Vector Graphics. An XML-based vector image format for two-dimensional graphics with support for interactivity and animation.



U3D (*.u3d)

Universal 3D. A compressed file format standard for 3D computer graphics data.



VRML (*.vrm)








Virtual Reality Modeling Language. A standard file format for representing 3-dimensional (3D) interactive vector graphics, designed particularly with the World Wide Web in mind.



VUE (*.vub)

Eon Vue object format

Export File Data

-  Common File Types
-  Exchange File Types
-  3D Modeling File Types
-  Visualization File Types
-  Analysis File Types
-  Structural
-  Fabrication File Types








Export Model for Analysis



AECOSim Energy Simulator

Export Analytical Space Model to AECOSim Energy Simulator

Export File Data

-  Common File Types
-  Exchange File Types
-  3D Modeling File Types
-  Visualization File Types
-  Analysis File Types
-  Structural
-  Fabrication File Types

Structural Analysis Formats



CIS/2 Export

Export CIS/2 File



SDNF Export

Export SDNF file



OasysGSA Export

OasysGSA Export



STAAD Export

Staad Export

Export File Data

- Common File Types
- Exchange File Types
- 3D Modeling File Types
- Visualization File Types
- Analysis File Types
- Structural
- Fabrication File Types**

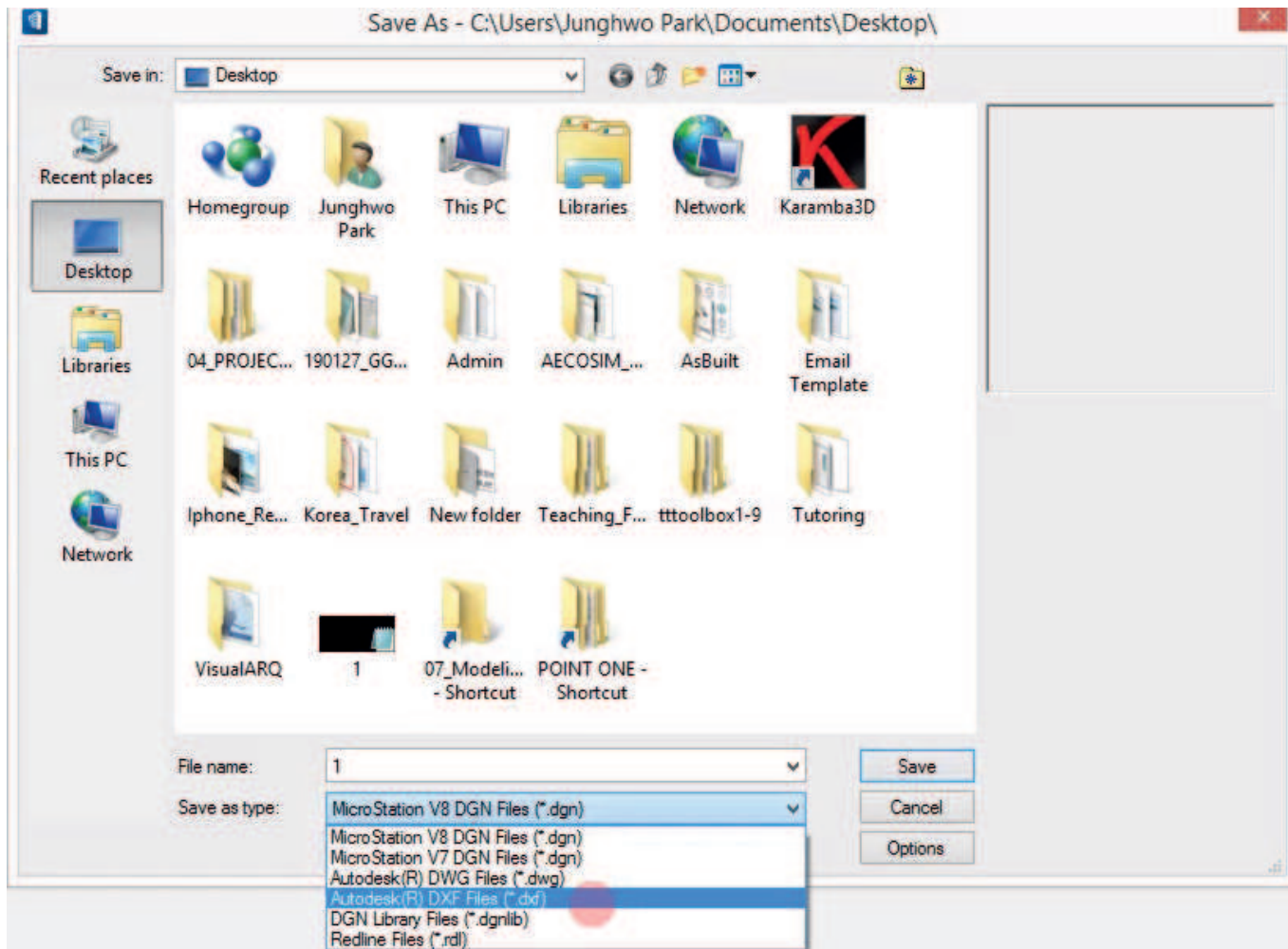
Export Model for Use in Fabrication



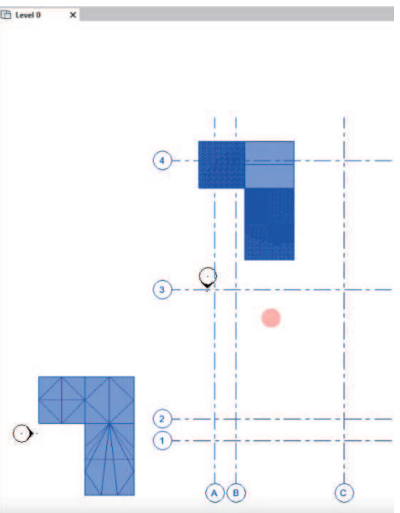
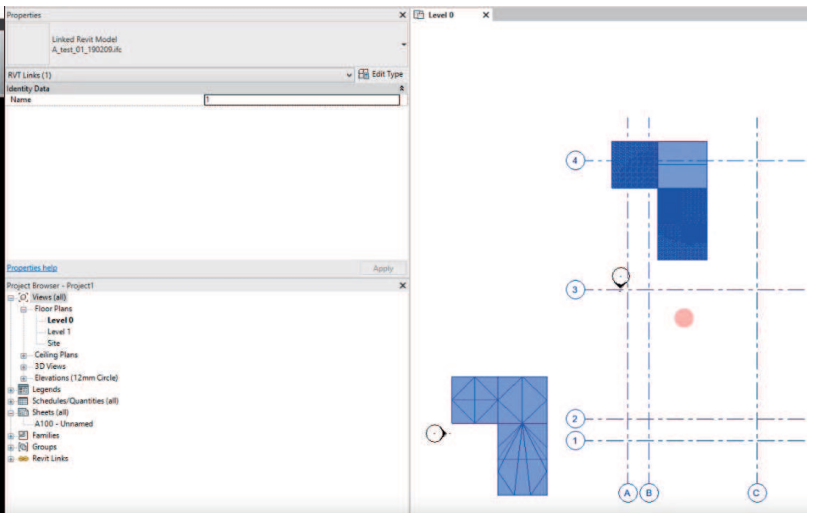
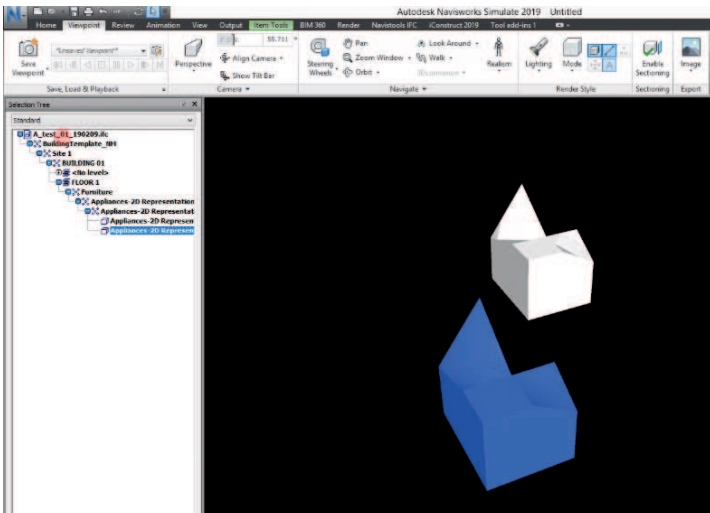
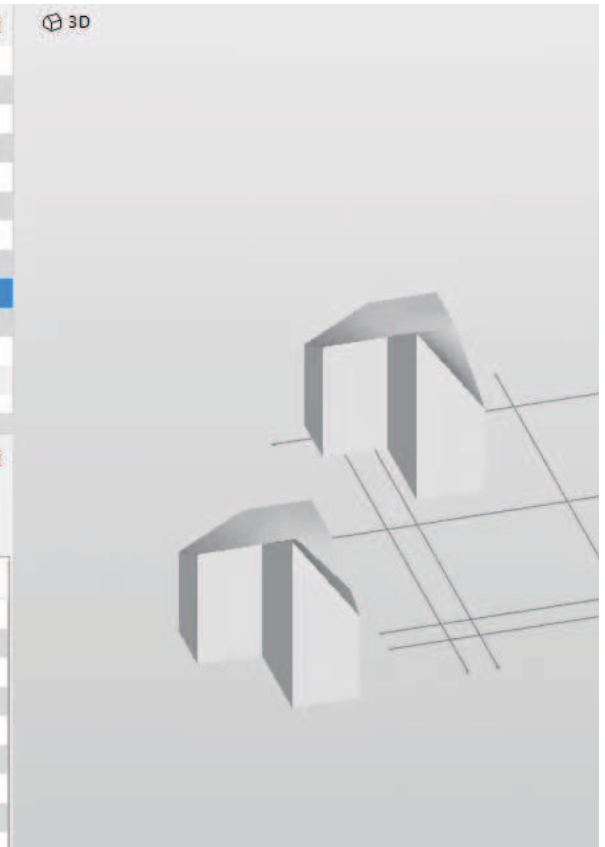
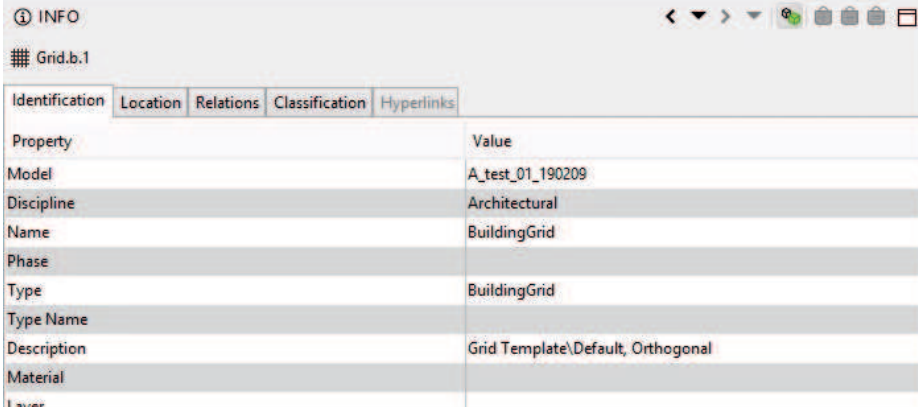
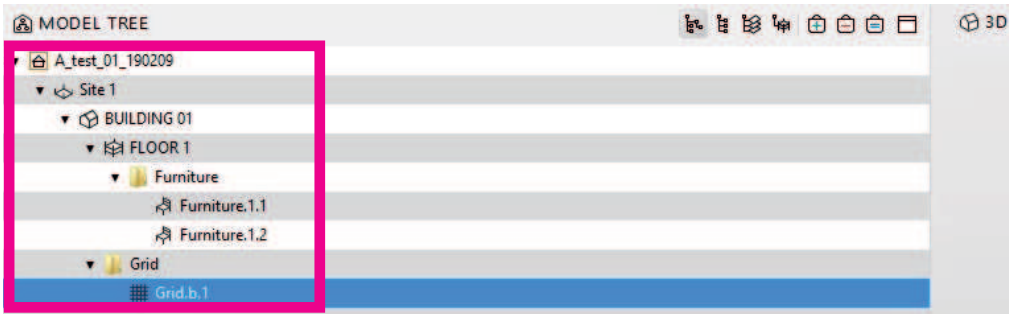
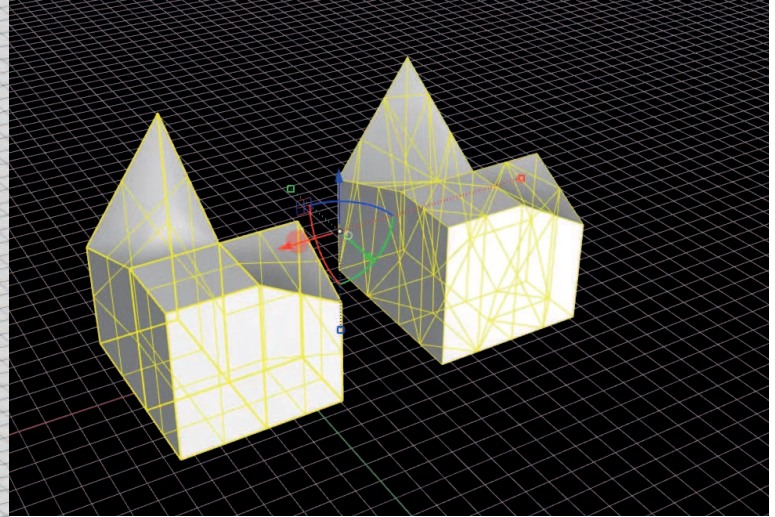
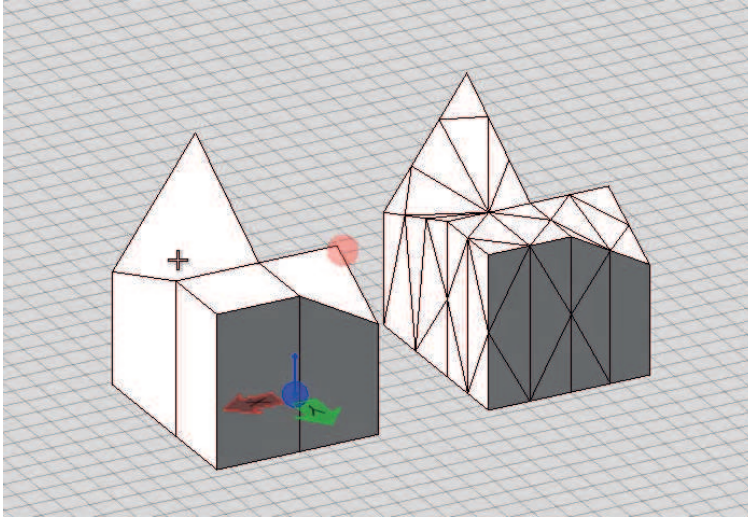
FabShop

Export to FabShop HVAC Fabrication

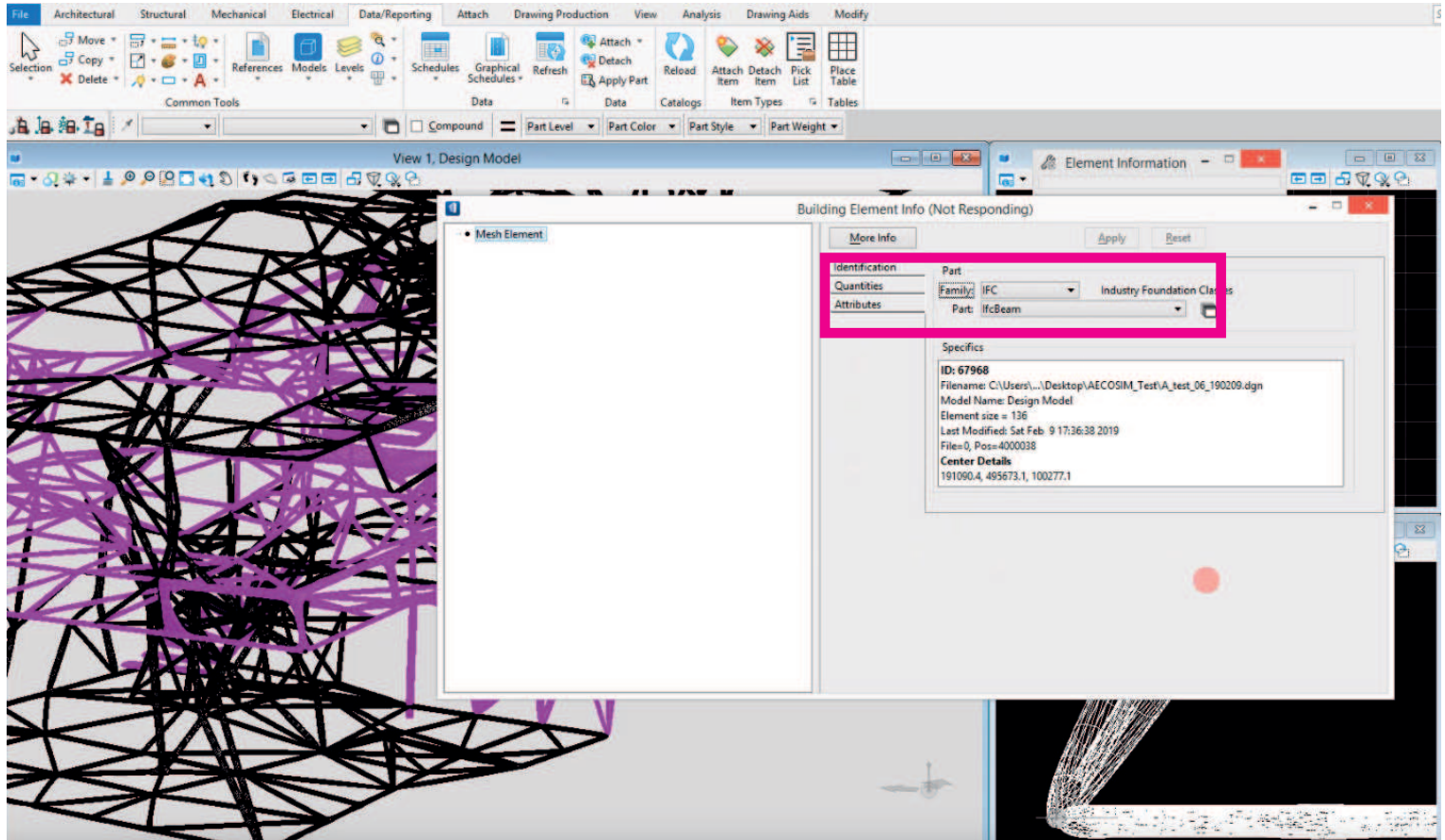
Save As



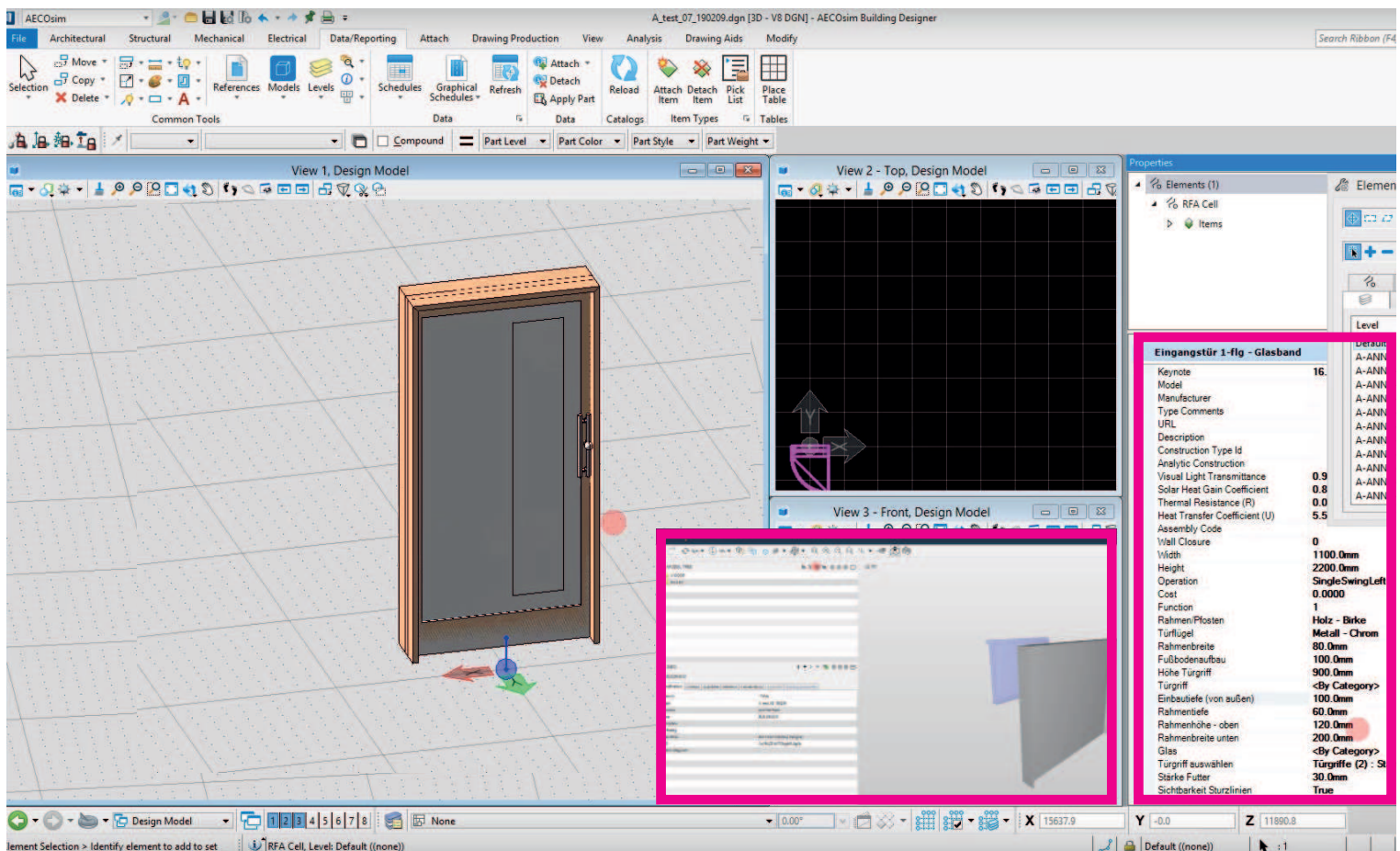
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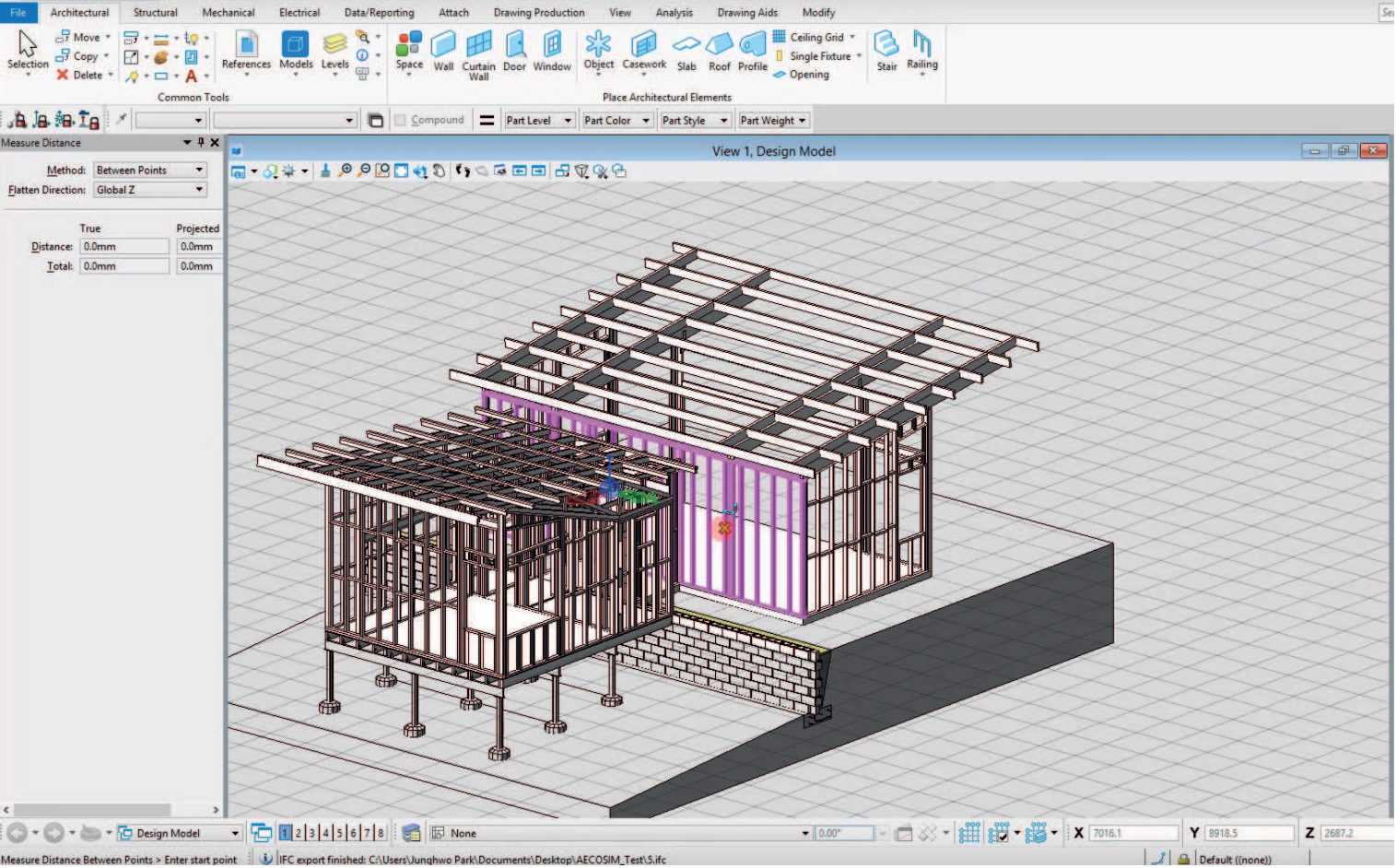
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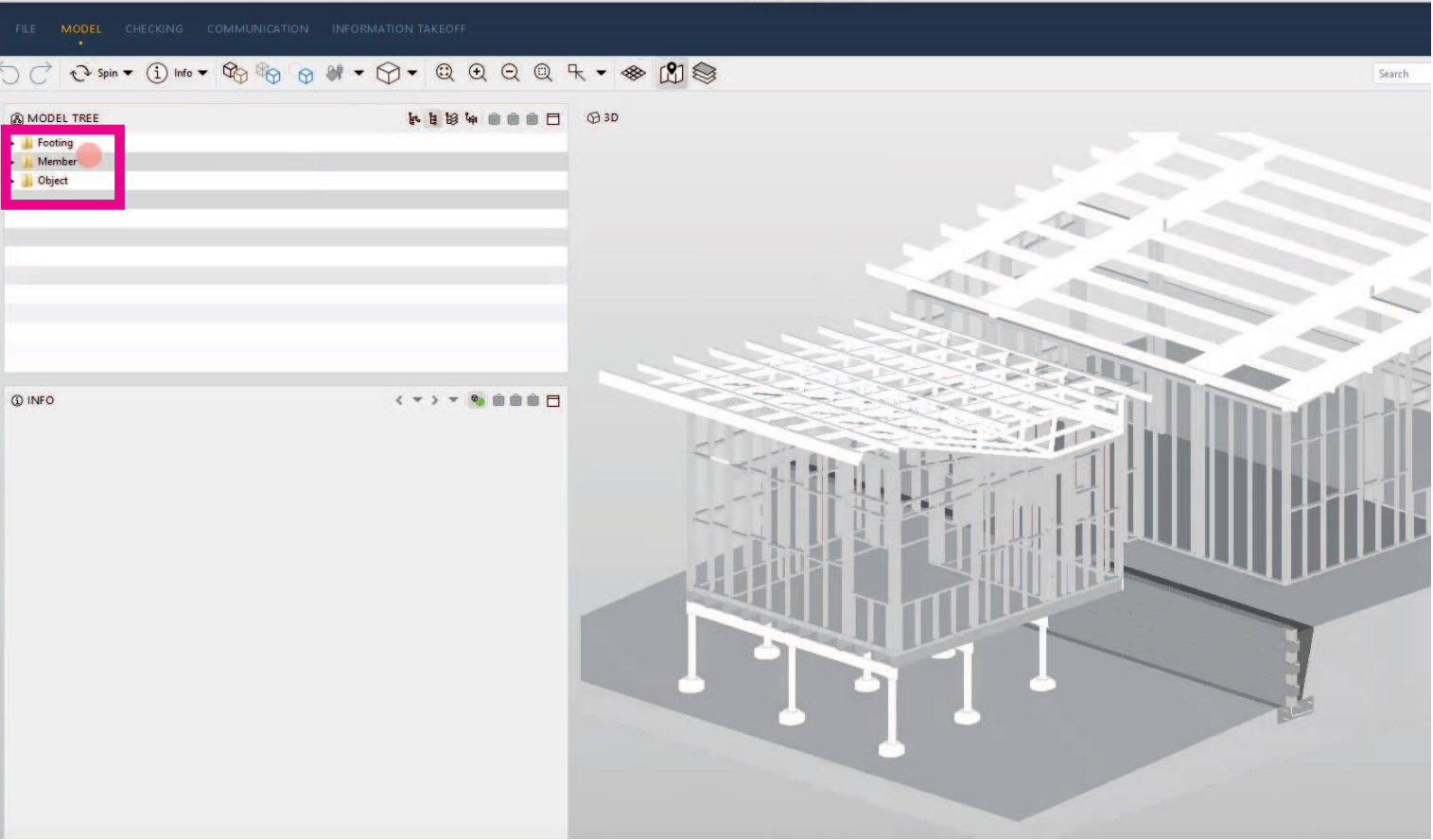
Revit Familien Import mit Parameter von Familien



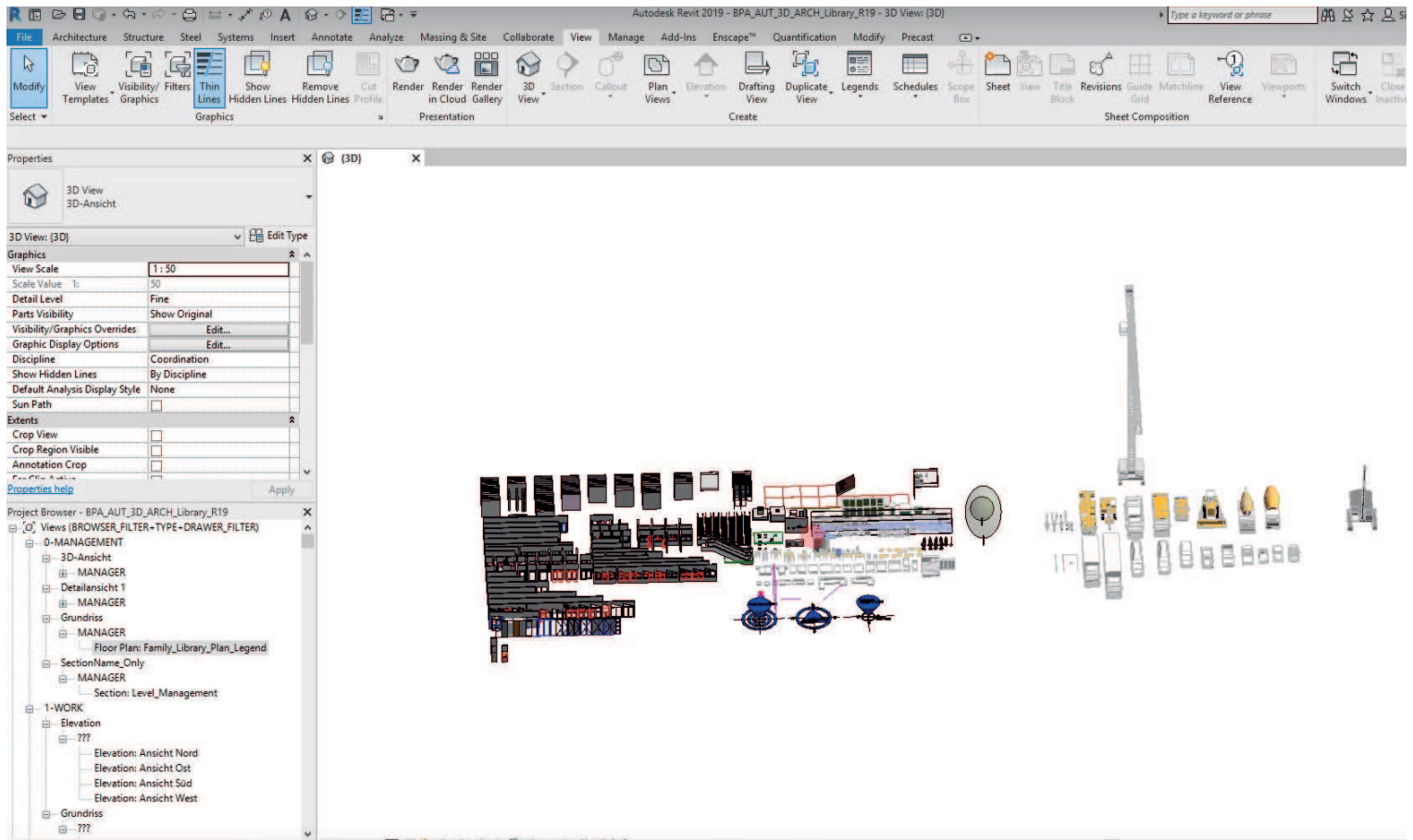
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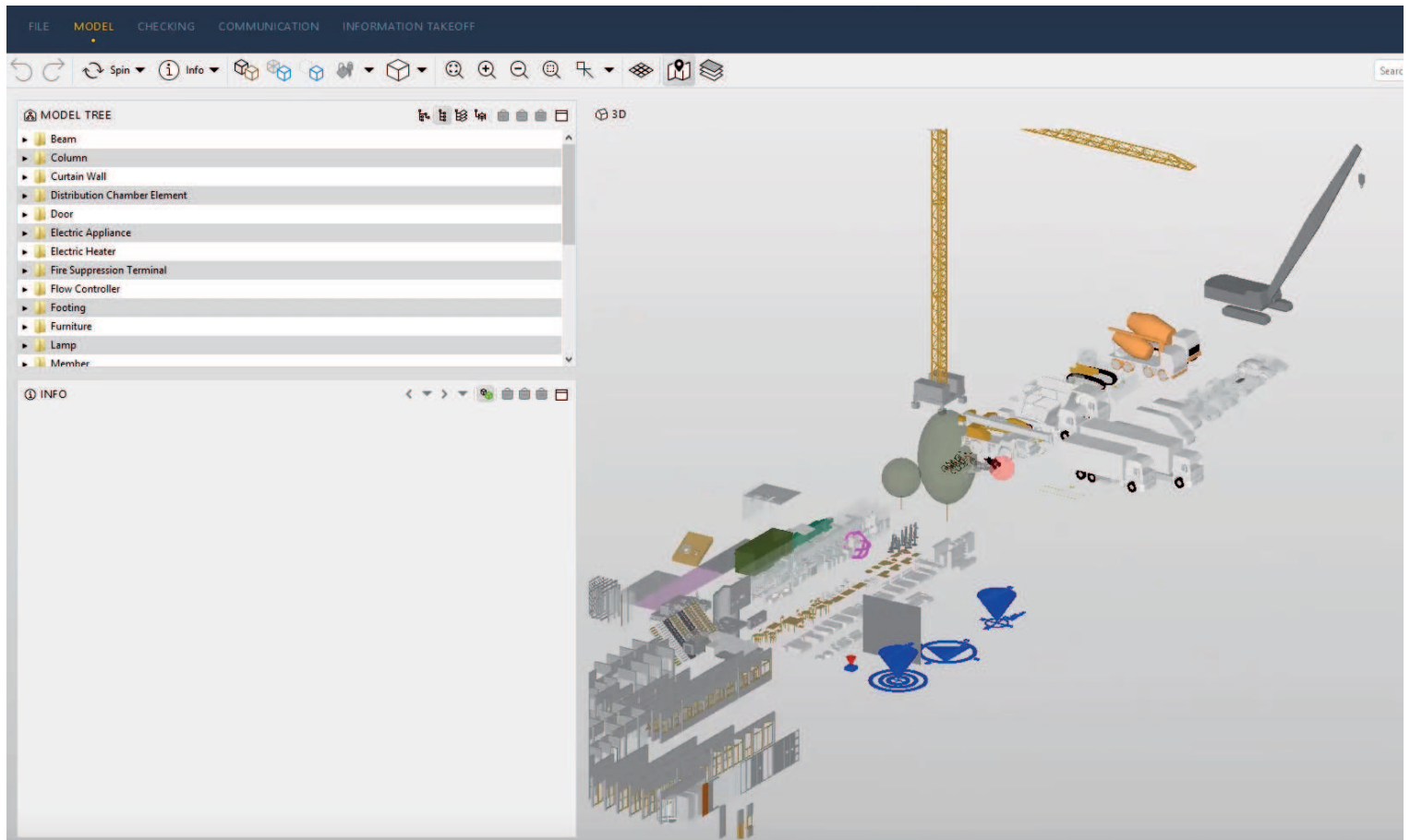
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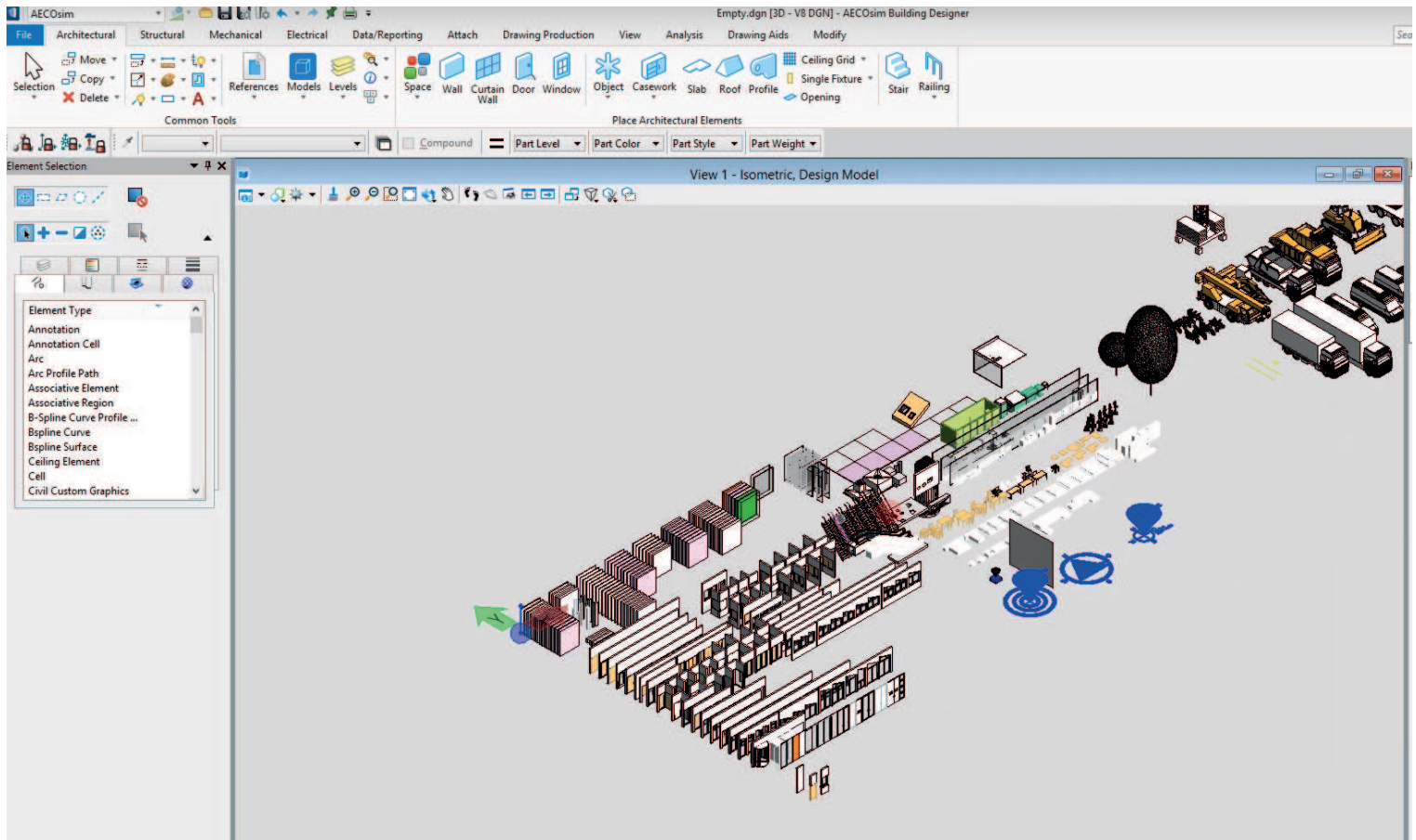
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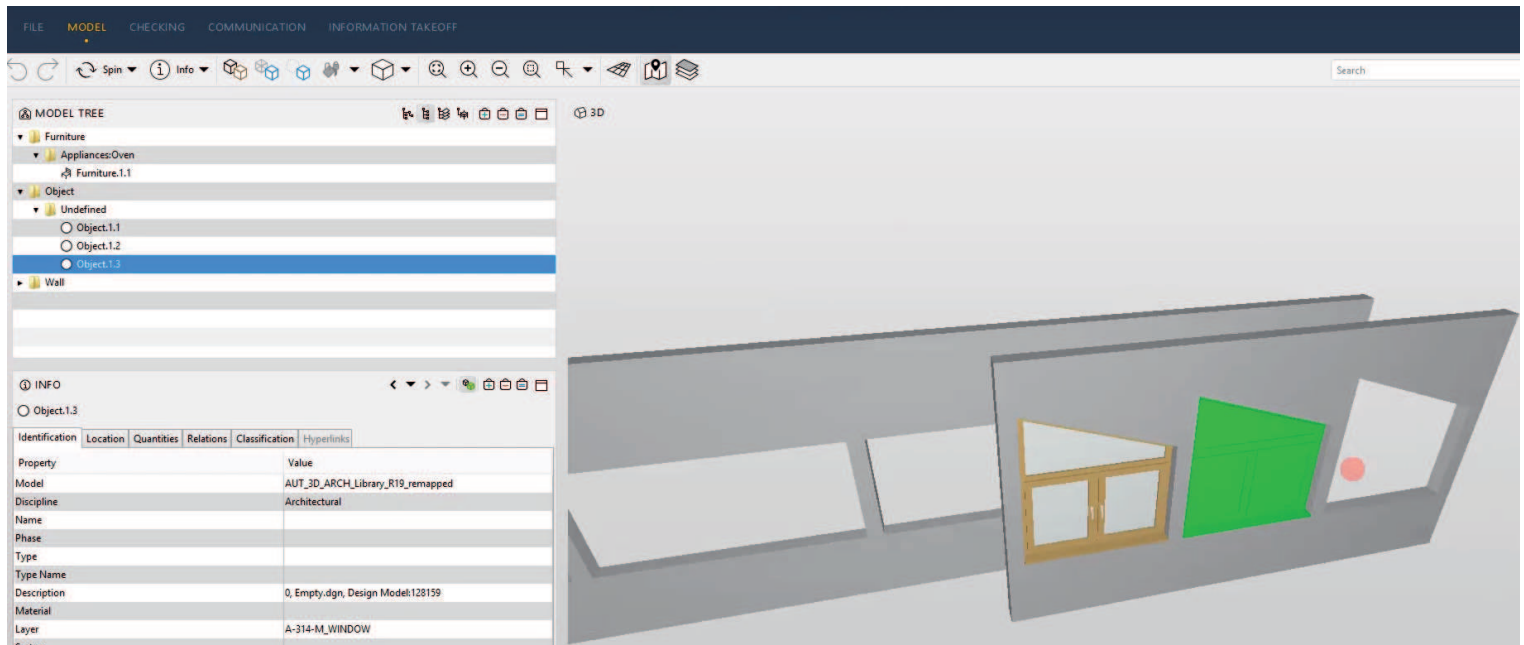
IFC Dateien von Revit im Solibri öffnen



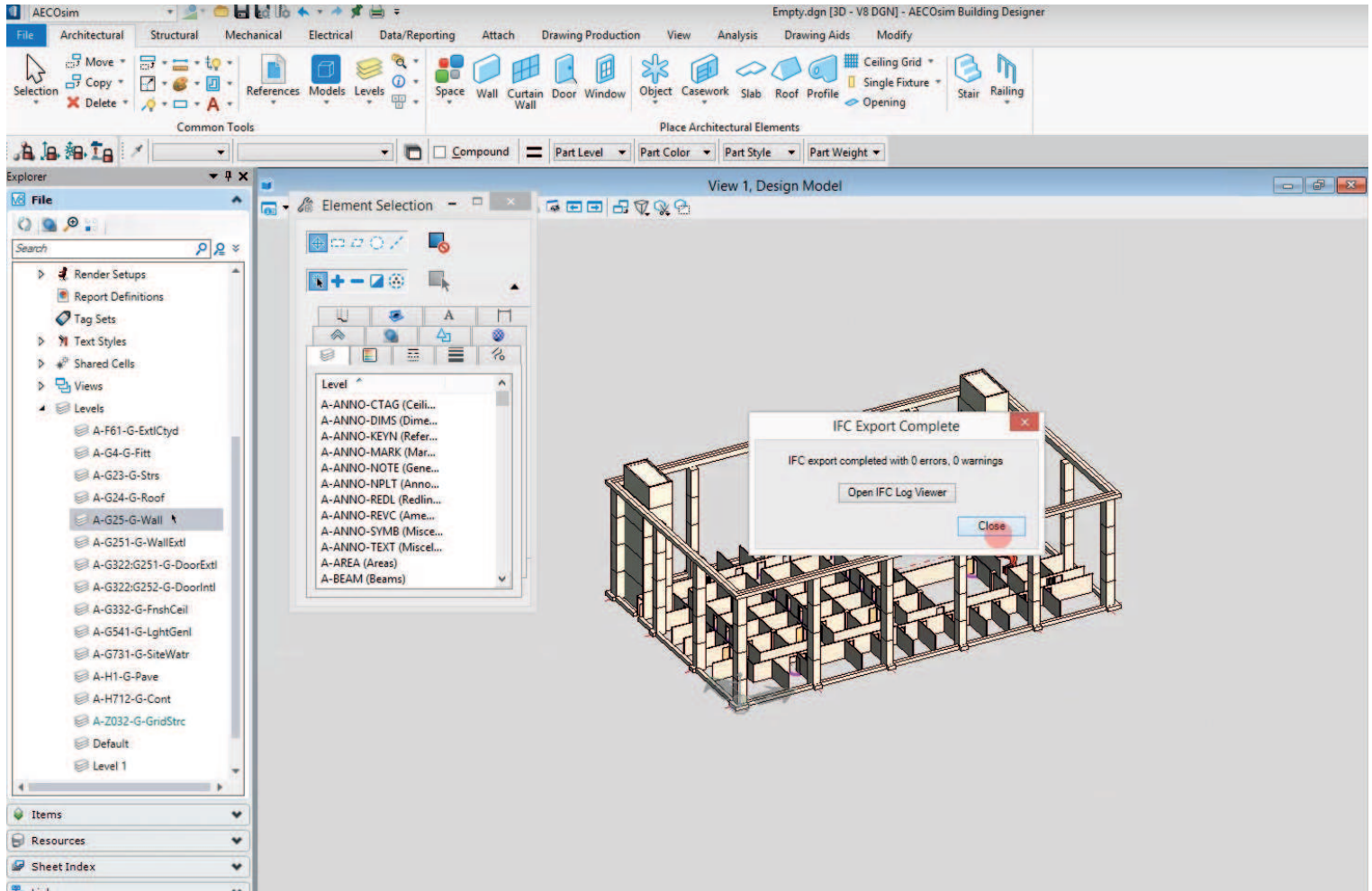
IFC von Revit im AECOsim importieren



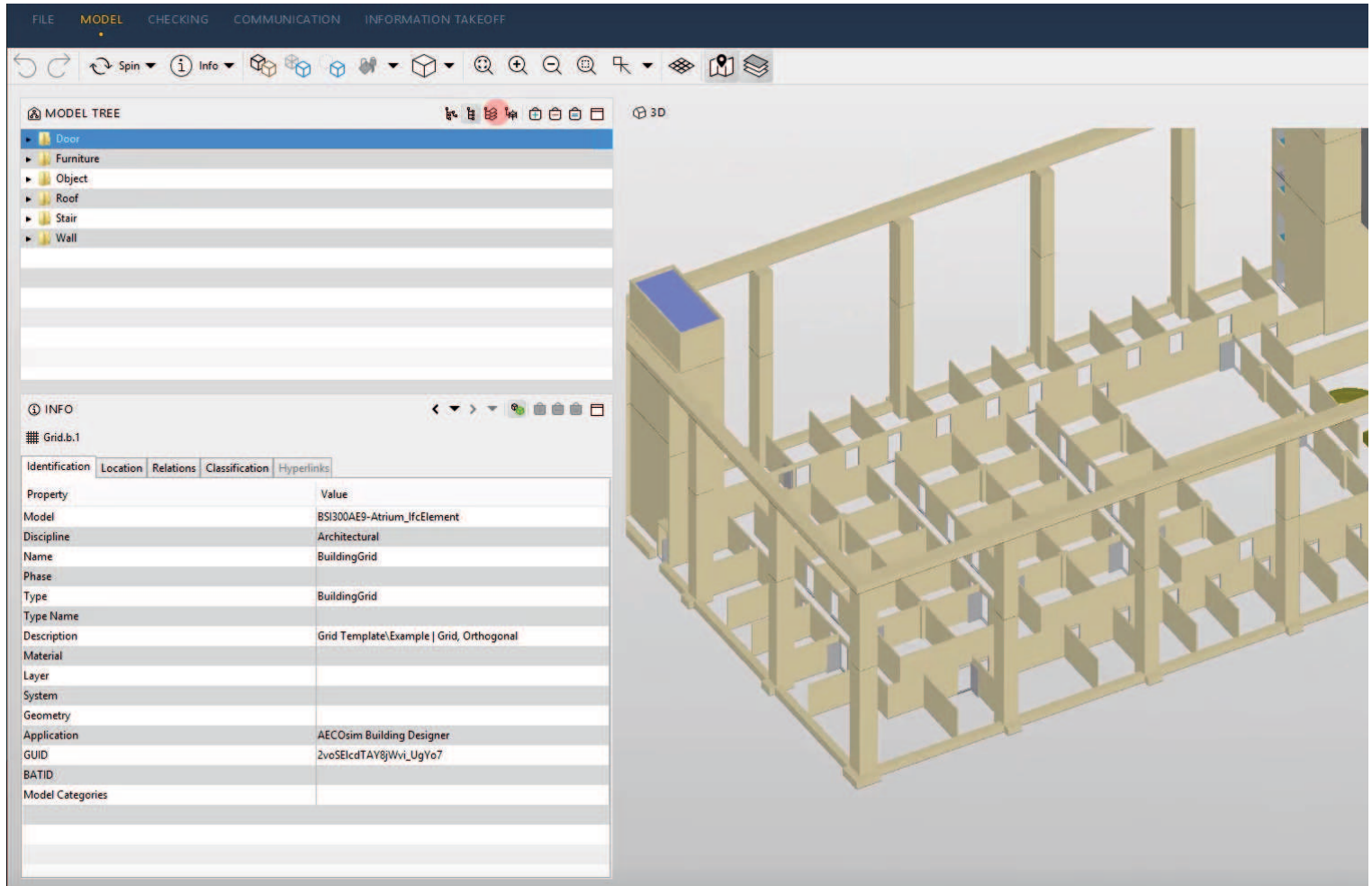
Exportieren Elemente in die neuen Kategorien und checken in Solibri ein



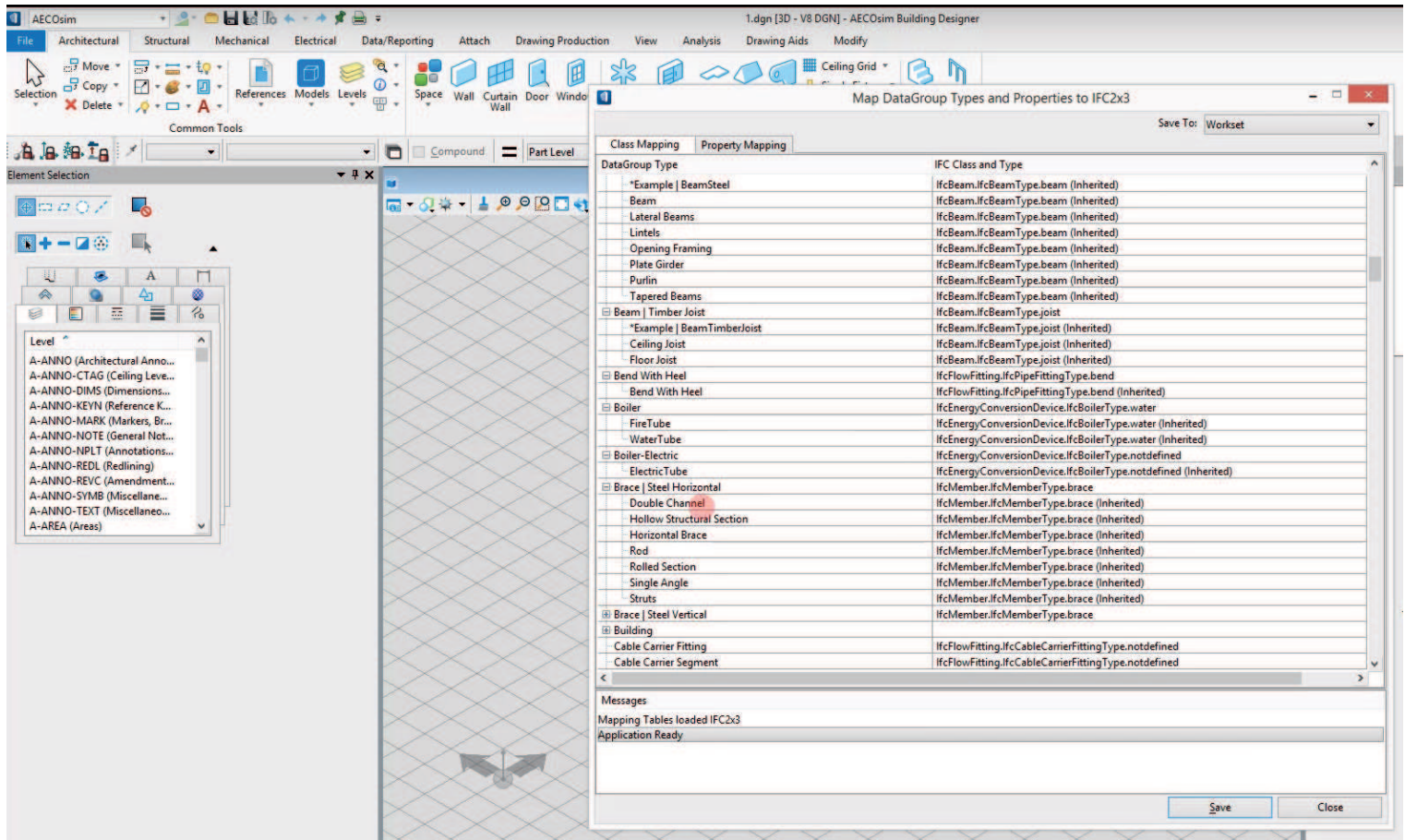
native dgn file (*Speedikon, *Tricad MS, *Microstation, *AECOSim) IFC file export



IFC Dateien von Revit im Solibri öffnen



IfcEntity mapping



Ifc Pset mapping

