NAVIATE®

Accelerate your BIM projects with Naviate for Revit

Work Smarter with Naviate for Revit

Naviate is a Revit plug-in that empowers 6000+ users to accelerate their project documentation and optimise working methods. Standards are built-in and everything is preconfigured to enhance your BIM workflow.

Plug-ins to Revit are key to success

Working with Naviate will save you valuable time, enabling you to spend more time creating elegant and purposeful buildings and infrastructure.

Developed by Symetri through direct interaction with thousands of users, Naviate improves productivity, design automation and control whilst enhancing the user experience.

Read on to learn more about:

Naviate Architecture

Naviate Structure

Naviate Site & Landscaping

Top 10 Naviate features

OBS: this document contains hyperlinks that require an internet connection

NAVIATE ARCHITECTURE

Customised for Architects

Naviate Architecture introduces a unique advantage and makes it possible to become more efficient when working with Revit and BIM. Pre-sets and standard configurations are well thought through, designed to provide optimal working methodologies and deliver a smoother working experience.

Main features

Architecture

- Door and window tools
- Room drawings
- Room data
- Zone tools

Collaboration

- Excel import and export
- BCF manager
- IFC settings
- Transfer settings

Productivity

- Family browser
- Filter elements
- Colour elements
- CAD tracker

Documentation

- Update project
- Sheet manager
- Publish

"Naviate shows the true power of digital workflows and solutions. We can focus more on creativity and innovation."

Peter Lund
BSK Arkitekter AB

Top 6 Features: Naviate Architecture

Door Tool
Naviate provides the ability to uniquely identify doors, helping to control the information on all doors in your project, including parameter values such as: swing direction, room number, levels and department.

Room Data
Naviate room data can automatically enrich the room parameters with the net perimeter values, window and door areas.

Zone Tools
Part of Sheet Manager and used for rapidly creating sheets and plan views by zone in your current project.

Room Drawings
Naviate generates all required views with view templates and automatically places the views on a pre-configured sheet – for any number of rooms you select.

Room Copy
This tool allows you to copy rooms (or spaces) through linked files into your own file.

Align Walls
This is a tool used to correct walls that are slightly off axis. You can align one or more walls to be perpendicular or orthographic to another wall, a grid-line or a coordinate system.

Learn more in this webinar recording
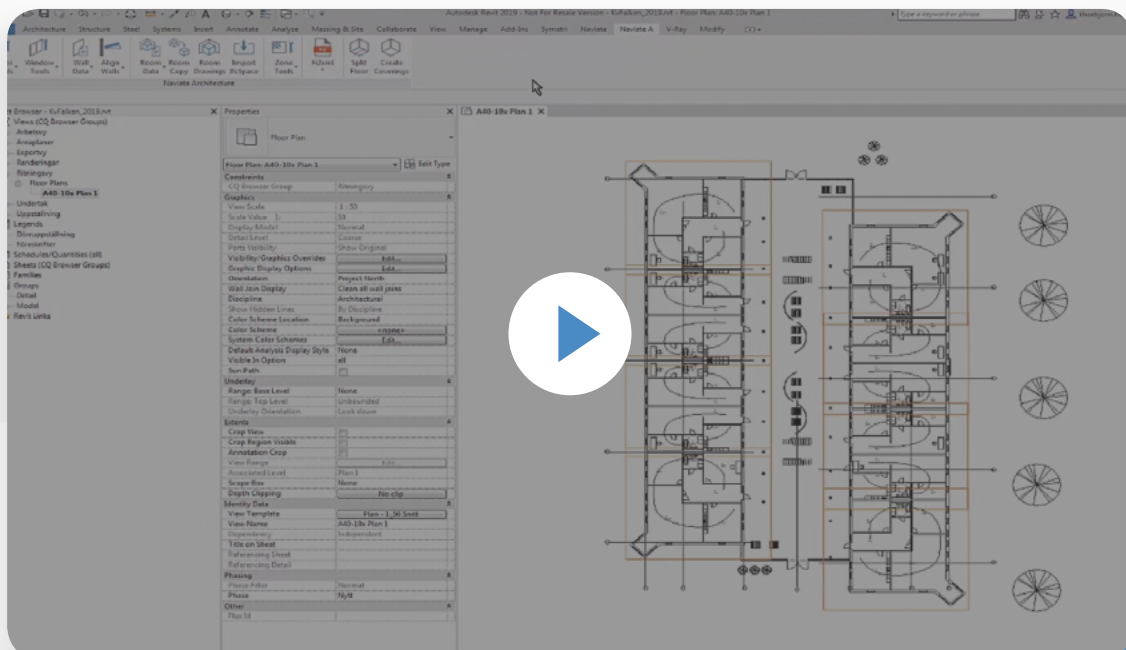
For Designers & Engineers

Revit enables you to develop a complete building information model (BIM) and Naviate Structure adds essential tools and capability that give you the advantage of being really efficient. In addition, Naviate Structure provides a large library of objects, standard profiles and foundations designed to be quickly and easily deployed in any project.

Main features

Structure

- Rebar numbering
- Steel detailing
- Pile extend and trim
- Reinforcement

Collaboration

- Excel import and export
- BCF manager
- IFC settings
- Transfer settings

Productivity

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Naviate Structure contains several intelligent functions that automate time consuming and recurring working tasks. As a result considerable time savings can be obtained in the review of the drawing.

Magnus Krantz
ELU Konsult AB

NAVIATE ®

Top 6 features in Naviate Structure

**Rebar Numbering**
The Rebar Numbering feature allows you to find all the equal rebars in your Revit project, number them and export to Excel or XML file.

Reinforcement
The reinforcement drop-down contains tools that helps you create and manage reinforcement and rebar schedules.

Pile Extend/Trim
Pile Extend/Trim Tool aligns all, or pre-selected, Structural Foundation category objects to a selected Topsurface.

A **Tag Rebar**
Use the Tag Rebar tool to tag all rebar sets in a view that has one rebar visible. A tag and distribution line will be placed automatically.
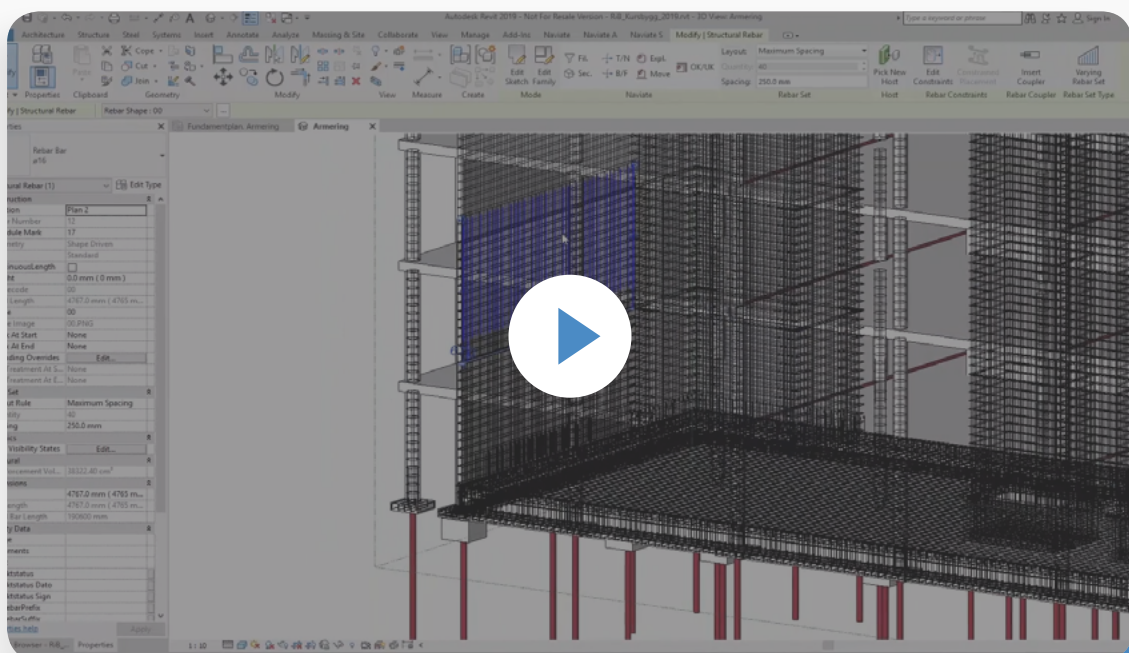
**Pile Numbering**
Pile Numbering renumbers Piles and Pile Foundations in your project.

Steel Detailing
The Steel detailing feature allows you to find all the equal steel elements in your Revit project, number them and create and manage single part drawings for each of them.

Learn more in this webinar recording

NAVIATE SITE & LANDSCAPING

Customised for Landscape Architects

Naviate Site & Landscaping provides efficiency advantages helping you accelerate project documentation and optimise working in Revit. With built-in standards, content and tools, Landscape Architects get a fully customised environment to enhance their BIM workflows.

Main features

Site & Landscaping
- Align topo
- Cut and fill
- Place points
- Align to path

Productivity
- Family browser
- Filter elements
- Colour elements
- CAD tracker

Collaboration
- Excel import and export
- BCF manager
- IFC settings
- Transfer settings

Documentation
- Update project
- Sheet manager
- Publish

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Consolidating our creative disciplines into a united and integrated 3D workflow has been a priority in our digital strategy. We believe that Naviate Site & Landscaping will become a fundamental transition-tool, and will ensure an easier process where we can benefit from the synergies of our multidisciplinary approach.

**Christian Bøcker Sørensen,
William Celliers
Sweco Architects**

Top 6 Features: Naviate Site & Landscaping

Align Topo
A tool for adjusting the shape of the terrain to a building element. I.E. edge, Face, Element Top and Bottom and Model lines.

Floor
A tool that enables you to create a Floor from existing topography. The function reads all topopoints and adds them as sub-element points to the new Floor, mimicking the shape of the Topography, with the possibility to set an offset for alignment.

Place Points
A tool for adding more Topo Points to the terrain in order to define the outside border of the area that needs to be modified with Align Topo tool.

Align to Path
A tool for placing symbols along a path of line(s) with a fixed distance. The tool also supports aligning to a path from a linked project.

Cut & Fill
A tool for Cut & Fill of site topography. By Face, Element Bottom or by lines at a give elevation. I.E. by using this tool you can select one or more elements and create the cut based on the bottom of these elements, to form a construction pit.

Add Regions
This is a tool that creates a uniformed pattern on floors that has a sloping (shape-edited) surface to get better looking documentation.

Learn more in this webinar recording
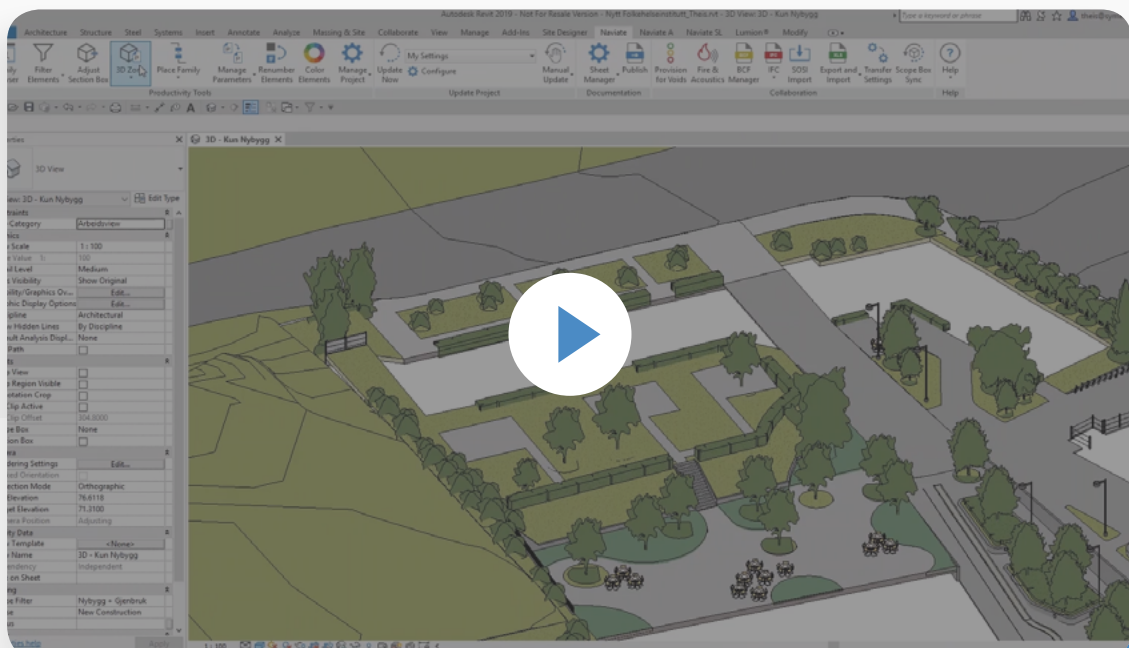
Top 10 Naviate General Features

Naviate General features are available in all Naviate solutions. We have gathered all the common tools for all trades of Naviate in this ribbon, focusing on productivity, collaboration and documentation.

Filter Elements
This is a powerful function to help you find and select exactly the elements you are interested in by category, type, parameter information etc.

Renumber Elements
This is a tool that allows you to number elements using any shared text parameters by picking them in order or by using a drawn spline.

Unhide Elements
An effective tool for quickly revealing hidden elements in the current view.

Color Elements
This is a tool for quickly coloring elements based on a selected parameter and it's

Create Multiple Sheets
Creates many Sheets in one workflow. You start with an existing drawing and use it as a template.

Edit Sheet Parameters
A part of Sheet Manager and used for viewing and editing sheet parameters in the model.

Publish
This tool enables you to print documents and export to DWG or IFC files and easily reuse the same settings the next time you need to publish the same views or sheets.

Edit Parameters
A part of Manage Parameters this tool allow you to edit Instance or Type parameters on multiple elements using a "spread sheet" user interface.

CAD Tracker
CAD Tracker helps you keep track of cad files in your project. The function detects .dwg, .dxf and .dgn files.

Family Browser
The Family Browser helps you keep track of all families on your network from one single location.

Learn more about Naviate

1. ### Become a member
Login to the Naviate member portal to gain access to trials of all products, the Naviate Knowledge base and the licence portal.

[Click here to become a member]

2. ### Watch webinars
Join our monthly webinar series about Naviate for Revit. All webinars are free of charge and aim to show you tips and tricks or an overview of one of our Naviate products. The webinars are recorded, so if you can't attend the webinar live you can still get access later on.

[Click here to see upcoming webinars]

3. ### Subscribe to blog
In the Naviate for Revit blog you'll find useful tips and tricks for working with Naviate as well as Revit. Learn how to save time and work smarter today by subscribing to the blog.

[Click here to subscribe to blog]

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