Allplan BIM 2008
Freehand Package

NEMETSCHEK

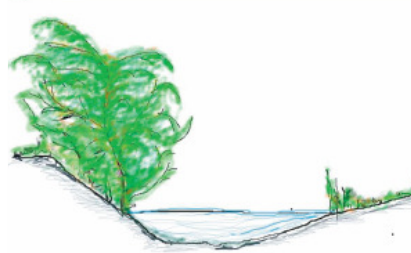## Paperless, Digital Freehand Sketches!

The Allplan Freehand package is the ideal solution for the professional creation of sketches, as Allplan Freehand means you are no longer dependent on your creative form on a particular day. You sketches can be subsequently changes and can be combined in infinite ways with photos, renderings and much more. Allplan Freehand opens up numerous application areas to you, from redlining through to the individual design of your planning and competition documents.

Allplan Design package included

This package contains all the features of the Design package and builds on its functionalities for 2D design, 3D modeling, layout, design, visualization etc. For details, please consult the relevant data sheet.

Drawing with Tools and Change Options

This package offers numerous advantages over drawing on paper for all users. With digital, pressure-sensitive sketching with Allplan, you can also undo lines or change them later. Drawing aids such as the underlaying of background photos or rendered animation drawings help you create realistic perspectives.

Picture: Landscape architects Mészáros und Tornow, Ludwigshafen

Freehand sketches of houses, people, trees, cars and landscapes are now easy. This working method is similar to drawing with a light table, the difference being that today we can use flexible, digital tools.

▸ Creation of realistic freehand drawings with pressure-sensitive line thicknesses, as on paper
▸ Different pen types with a wide range of different display options
▸ Paintpots for fast color areas in the drawing

▸ High quality pen display thanks to additional settings:
  e.g. tolerance for border search, color opacity, definition of blurring
▸ Measurement function to check sketches drawn to scale
▸ Every sketch has its own layer and can be scaled, copied and rotated
▸ Insertion of a sketch in other programs (e.g. MS Word, MS PowerPoint) using clipboard
▸ Navigation in special overview window to change screen content
▸ Full-screen display, underlaying and editing of plans of any size using scaling function

Highlights Allplan Freehand

▸ Freehand sketches easier than on paper with natural line thicknesses
▸ Can be used from redlining through to design
▸ Fast results and easily handling from the start
▸ Drawing aids such as the use of background photos as digital basis
▸ Integrated image processing
▸ Combination with Allplan layout functionalities
▸ Import of PDF documents
▸ Easy sending by email
▸ Printing of any paper formats thanks to RTL grid raster driver
▸ Easy insertion of ortho-corrected images

Infinite Combination Options

In connection with the design modules, Allplan Freehand brings your individual mark back to technical CAD data. You have infinite ways of enhancing your Allplan CAD data with real freehand sketches. With Allplan Freehand, you can either use these as background documents and sketch over them or draw directly on the Allplan document. You can naturally also merge the background document and freehand sketch at a later point in time. You can also edit Allplan data on a bitmap basis. You have a number of tools available for this, e.g. activating and processing bitmaps. You simply use the cutter, paintpot or wand – or merely change the RGB and transparency values. Various pen types also let you sketch your ideas and presentation drawings quickly and effectively with wide range of display options.

Picture: Karsten Winkels, bauwerkstatt

Data Handling

To send your client a draft quickly, you can send a sketch by email directly from Allplan. You save your current processing status in a virtual folder, and can then open the file here again at any time and continue working on the sketches and images.

▸ Understandable, Explorer-oriented project management

▸ User-friendly sending, processing and archiving

▸ Optical and clear storage of plans and drawings as virtual "paper rolls"

▸ Saving and forwarding of individual documents as individual files in any file format

Hardware

A Volito drawing pen, Nemetschek D-Board® or Tablet PC are ideal hardware components for Allplan Freehand.

▸ Natural hand-drawn lines thanks to pressure sensitivity

▸ Drawing, sketching, navigating, animation and writing directly on the screen rather than in front of the screen

▸ Ideal for intuitive operation of all software: e.g. CAD, AVA or Office programs

Additional Information

If you need additional information please contact your local Nemetschek dealer or visit us at our website at: www.nemetschek.com.