

STI

What's new

STI SPIRIT | 2020

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Table of Contents

Adaptations – Line width.....	3
Adaptations – Coloring symbols.....	4
Adaptations – Symbol variables with values.....	5
Adaptations – Filter function in the dockable dialogs.....	6
Adaptations – Zip and Go.....	7
Adaptations – Import PDF file as vector file without text or with better pictures	9
Functions – Cutting and connecting polylines.....	11
Functions – Explode	12
Functions – Align objects.....	13
Functions – Arrange objects.....	14
Output – New print settings dialog.....	16
Output – New PDF output.....	17
Output – Definition of the file name for file output	19
Output – Target path: S12 or view and sheet	20
Output – Print Server 2.0	22
Output – Extensions at the locate plot sheet.....	25

Note

The following pages describe the new features of the current version. All new features apply exclusively to SPIRIT, provided the corresponding licensed program sections are available on the user’s/customer’s computer.

 For more information, please refer to the online help. The new features are listed on the start page and are linked to the respective chapter, where the feature is explained in detail.

Adaptations – Line width

The line widths are back.

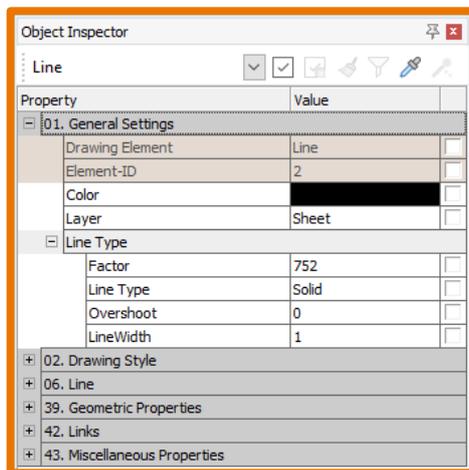
Description

The line widths are back and combine a classic function with the new possibilities for SPIRIT 2020. Lines can now be wider in the plan to highlight something more clearly.

You can now use the line width for all SPIRIT 2D objects. The line width is displayed for lines, polylines, circles, ellipses etc. in the standard display as well as in the layout display.

The line width is set, transferred or selected by using the Object Inspector.

Function



The line width can be set in the pull-down menu Edit > Modify, in the Menu-Navigator Edit > S6 Modify > F9 line Weight and the shortcut key [ALT] + [c]. The line width is then applied to the drawing object.

The line width setting in the Object Inspector is new. The line width is available under 01. General Settings > Line Type > Line width for all line objects.

Using the standard functions of the object inspector, the line width can now be transferred to other objects, used as a selection filter for the magic wand and as a further

properties for the “create similar”. The line widths now adapt dynamically on the drawing surface. In the layout display you can now directly see the line width in relation to the set scale. The line width property is also saved in the drawing style so that you can keep it in a drawing style like all other settings.

Value

- ✓ The Classic function can now be used again with full functionality.
- ✓ Improved display of line widths on the drawing surface.
- ✓ The line width can be quickly set using the Object Inspector.
- ✓ All functions of the Object Inspector (format brush, create similar and magic wand) are available for the line width.
- ✓ Line width can be used in the drawing style.

Adaptations – Coloring symbols

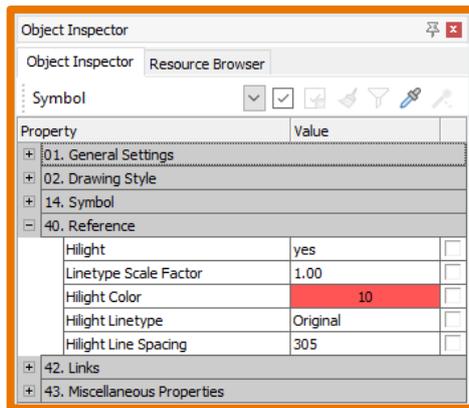
Highlight function now also for symbols.

Description

Symbols (*.B12) are useful items that allow you to combine a collection of related content into a single object. Symbols can contain a wide range of contents, from details about classic symbols, from different specialist planning directions to title blocks or layout content.

Sometimes it can happen that the entered symbol has to be adjusted later. With SPIRIT 2020, you can easily colorize symbols depicted in the drawing. It is no longer necessary to change the color directly in the symbol itself.

Function



You can work with the symbols as usual. It does not matter whether you use the symbols from Explorer, place your own symbols in the drawing area or work with TPL catalogs.

You are probably familiar with the highlight function from the references. You can now apply the same to the symbols.

In the Object Inspector of the selected symbol, the entire range of functions for highlighting is now available under item 40. Reference.

First choose whether you want to highlight the selected symbol [Yes / No]. If you select [Yes], the color selected under the Color display is transferred to the entire symbol. Fillings are also colored a little paler using the selected color.

The Linetype and Linetype Scale Factor can also be changed this way.

Value

- ✓ The same symbols can be assigned different colors without having to create a new symbol.
- ✓ To change the color, the symbol does not have to be opened and adjusted as an internal symbol.

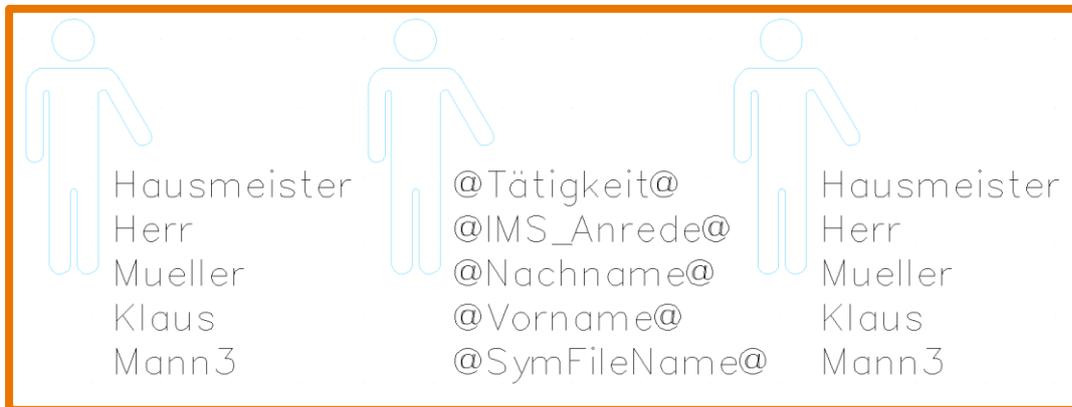
Adaptations – Symbol variables with values

Filled symbol variables keep their information.

Description

Symbols also have another added function, the symbol variables. These can be used in many different ways. Be it as drawing variables in the title block, as stamp or info text or after the DWG / DXF import. If block references with variables are imported they will appear in SPIRIT variable as text between the @-characters. For example @ViewName@ for the plan name in the title block.

To make sure that the information from the variables is not lost and remains legible after the symbol has been exploded, the contents of the variables are displayed as text in SPIRIT 2020.



The picture shows a symbol with filled symbol variables on the left, in the center of the picture you see a explode symbol with the placeholders of the variables in SPIRIT 2019 and on the right the exploded symbol with texts in SPIRIT 2020.

Function

The contents of the symbol variables will now always be converted directly into text after being exploded. The placeholder @ Variable @ is no longer displayed. This is the current standard in SPIRIT. You can resolve symbols using the Explode function in the pull-down menu Edit or in the context menu of the symbol.

Value

- ✓ Variable contents will now be retained and cannot get lost.

Adaptations – Filter function in the dockable dialogs

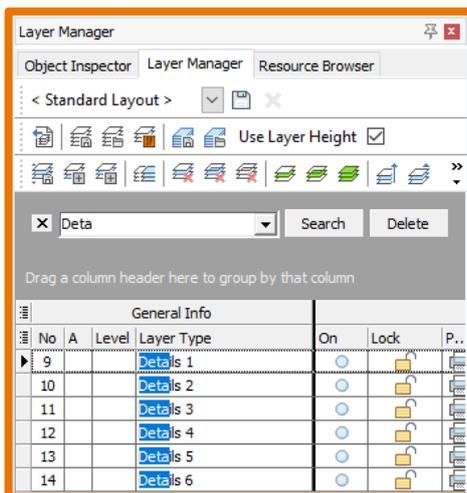
Keyword filter for a clear view.

Description

A filtered view of all indexes C in the plan list, a view of all layers of level E-01 or all components of the type Wall – with the new keyword search in the dockable dialogs and in the file manager this is no problem.

The keyword search can optionally be displayed in the dialogs *Layer Manager*, *View Manager* and *Sheet Manager* as well as in the *File manager* and *Reference manager*.

Function

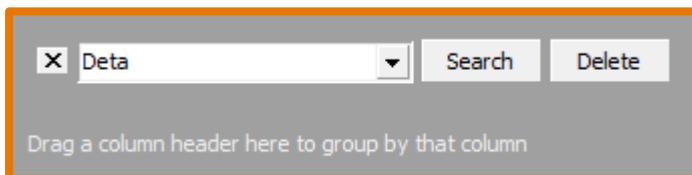


The search can be started in the active dialog using the key combination [CTRL] + [f] or via the context menu of the column editing search field.

The search field for the keywords is then activated and you can search for names in the corresponding table.

The results of the search are then filtered in the tables and the non-applicable content is hidden.

The search is closed and the filter removed with the [ESC] key in the active entry of the search field or by clicking on the [X].



Value

- ✓ Quick filter options for the table contents of the different dialogs.

Adaptations – Zip and Go

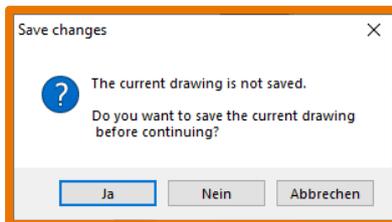
Pack your drawing more conveniently into one package.

Description

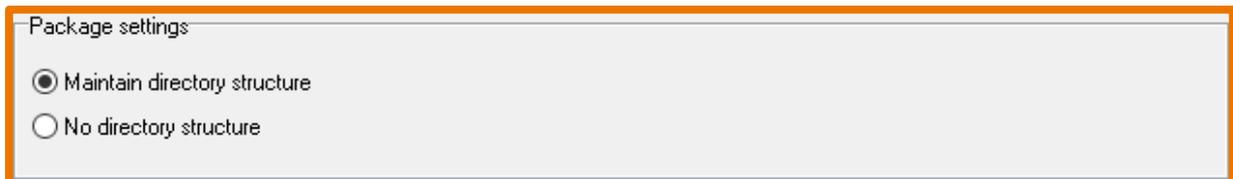
The *Zip and Go* function has completely been revised for SPIRIT 2020 and offers some new functions. *Zip and Go* creates a compressed archive folder with all files belonging to the drawing. In addition to the actual drawing file, all external referenced files in the drawing are recorded. All files will be displayed in a list and you are free to decide whether the files should be stored or not.

Function

When running *Zip and Go* you will now be asked whether you want to save the current drawing or not. This allow you to control which drawing status will be stored in the archive.



You have two options for creating the Zip archive:

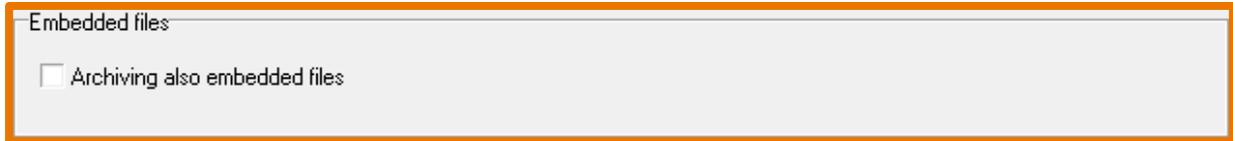


The option *Maintain directory structure* captures the drawing file and all external files as they are and packs them in a Zip folder including the original directory structures.

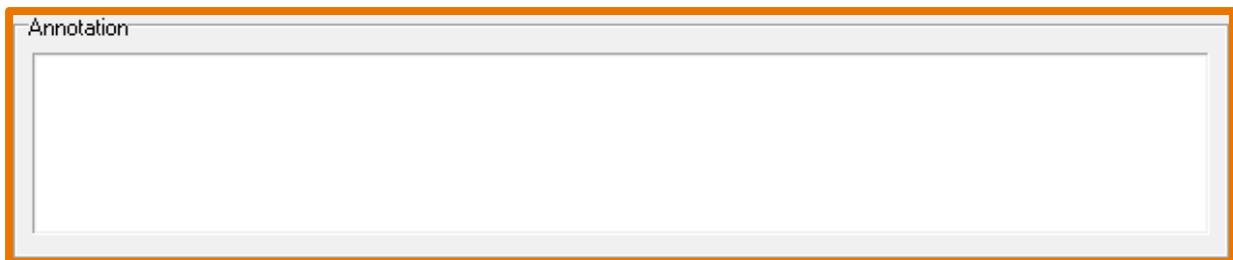
The option *No directory structure* also captures the drawing file and all external files but does not adopt the directory structure of the external files. Instead it places them next to the drawing file in the Zip folder. SPIRIT will inform you if this option causes duplicate names in the file and asks you to resolve the problem.

Duplication of names (duplication of files) can occur if, for example, two symbols or components with the same name but different paths are used in the drawing. The duplicate files are also marked in red in the content tree. At this point you can also decide by activating or deactivating the check boxes which files should also be stored in the ZIP file. It is also recommended to check the duplicate files at this point to determine whether they really make sense in the drawing or whether they occur in the drawing due to inadvertent work steps and whether they should not generally be corrected in the drawing.

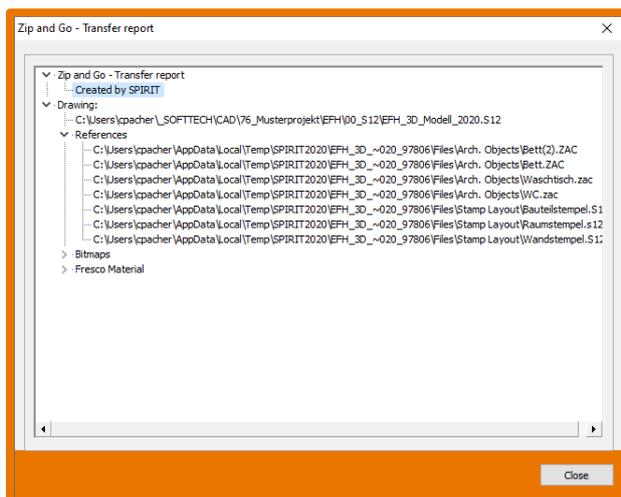
In addition to the *Maintain directory structure* function, you can also use *Archiving additional embedded files*. You can use this for output of the files embedded in the drawing, such as components, images or references, separately into the Zip archive. This option is only available in conjunction with *Maintain directory structure*.



The latest innovation in *Zip and Go* relates to the Zip report. First of all, you are free to add an additional comment to the Zip archive. This annotation is entered in the annotation field provided and will be included in the report.



The report can only be viewed before the Zip archive is created.



For better documentation and traceability, the report now contains the SPIRIT version used and the creation date of the Zip archive, followed by the annotation and the path information for the main drawing and files.

The report is saved as a log file in the Zip archive and can be opened using the text editor.

Value

- ✓ The current drawing status will be archived in the Zip folder.
- ✓ Both the original folder structure and direct storage of the files in the Zip archive is possible.
- ✓ Better documentation on the contents of the Zip file.
- ✓ Notes on duplicate files in the drawing.

Adaptations – Import PDF file as vector file without text or with better pictures

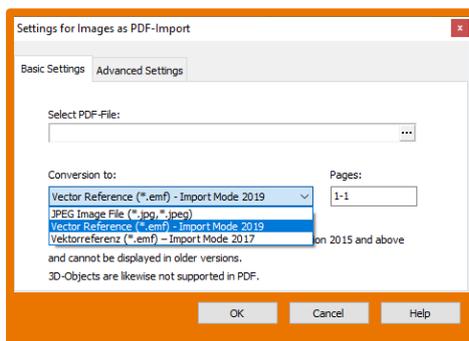
More influence or really sharp – what do you prefer?

Description

In order to import 2D basics for planning into SPIRIT, the PDF format plays the most important role for most users along with DWG / DXF files. SPIRIT offers the option of importing vector information. This has the advantage that you can snap on the drawing elements. Depending on how detailed the plan is, such an import can also slow down the workflow because the SPIRIT magnetic cursor will also snap on hatch lines or text.

Therefore we have optimized the import function in SPIRIT to offer you more setting options for the conversion of PDF files. When converting to EMF, you have two options for converting, including influencing the text from the PDF file for the conversion to images. The resolution of the files to be imported can now be set and – most important – be increased. The imported image files allow you to work much smoother and faster.

Function



When converting the PDF file, you can choose from three methods with the new version. One way to convert the PDF to an image file and two types of conversion to create an EMF file with all vectors from the PDF.

Settings for PDF files - conversion to image

Under the tab *Advanced settings* for the conversion to JPEG Image File (*.JPG) you can set optimizations for the image size and the image quality. You can select a resolution (DPI) between 96 to 600 dpi for the conversion result. Previously the standard value was fixed to 96 dpi. With the *Compression-Quality* you can also influence how much the image should be compressed. The gradation is between 100 and 25.

Settings for PDF files - conversion to EMF

As already described, you can convert the PDF file to a vector reference (*.emf) using two different methods:

- Vector reference (*.emf) - import mode 2019
- Vector reference (*.emf) - import mode 2017

The import results may differ depending on the process. PDF plans that are automatically generated from BIM models usually contain much more vectorized individual elements than conventional PDF files. It is therefore recommended to check the different procedures.

For the variant *Vector reference (*.emf) - import mode 2019*, you will find options for handling the text display in the PDF file under the tab *Advanced Settings*. Since texts are not preserved as text in the converted PDF, these settings are used to reduce the vectors to be converted.

- **Ignore text**
The text in the PDF file will not be converted, this affects the conversion time and size of the *.emf file.
- **Simple representation**
The text will be adopted but converted to the standard Arial font. This may lead to deviations in the display.
- **Detailed presentation**
The text will be adopted and converted as best as possible based on the existing font.

Value

- ✓ Significantly higher quality when importing image files into SPIRIT.
- ✓ Greater accuracy when acquiring dimensions from image files.
- ✓ More flexible conversion options to vectors.
- ✓ Smooth workflow.

Functions – Cutting and connecting polylines

2D basics for SPIRIT

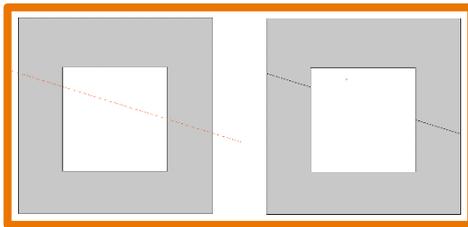
Description

When working with polylines, it often happens that the polylines have to be edited subsequently. SPIRIT 2020 offers the two new functions of cutting and connecting polylines. As you can already guess from the name, you can cut a closed polyline (Areas) with just a few clicks using a cutting line and reconnect adjacent polylines.

Function

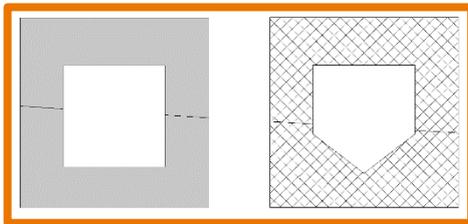
The two functions are available in the *Menu-Navigator* via *Drafting > F1 Polylines > F6 Edit > S3 Cutting* and *S4 Connect* and in the context menu of the polyline. The function calls can also be found under *Customize > Classic menu*.

Cutting polylines



After selecting the function, you will be asked to define a cutting line using two click points. Then, as usual, select the closed polylines via Entity, Group, Area to be separated by the section line.

Connect polylines



After selecting the function, you will be asked to select the basic polyline. Then, as usual, use Entity, Group, Area to select the other adjacent closed polylines that you want to merge.

The basic polyline defines the properties. For example, color, layer, hatching, filling, etc. All other polylines that you then want to connect within the function are connected and displayed accordingly.

Value

- ✓ Fast editing of closed polylines.
- ✓ Polylines can be cut or connected more precisely.

Functions – Explode

One function – all entities.

Description

The function *Explode* was slightly revised for SPIRIT 2020. Previously there were different functions for each object to be exploded, the new function can be used for all objects and is therefore also stored centrally under *Edit*.

Function

You can find the new explode function in the pull-down menu *Edit > Explode* and via the *Menu-Navigator > 2D Edit > S3 Explode*. After selecting the function, simply select the objects that you want to explode via Entity, Group, Area, as usual with SPIRIT.

The *Explode* menu allows you to choose what should happen to the contents of the self-reference in relation to the layer tray. If necessary, activate the option *F8 Self reference to layer*:

- *Active* means that the content of the self-reference will be saved on the active layer.
- *Inactive* means that the content ends up on the corresponding layer on which it was drawn.

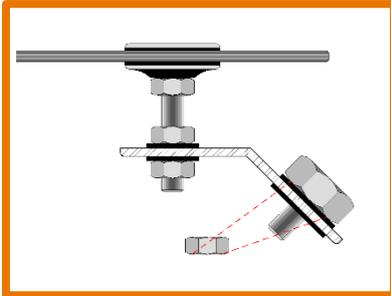
Value

- ✓ One function for all objects.
- ✓ More control when exploding self-references.

Functions – Align objects

Move, copy, rotate and stretch – all in one function.

Description



This new function allows you to perform several work steps at once. You can move objects, rotate them directly and align them to another object. The function can be used for all common entities (symbols, lines, polylines, fills, hatching, texts, etc.) in SPIRIT. With additional settings, the objects can also be moved and rotated only or, for example, can also be placed as a copy and multiple copy.

Function

In the *Menu-Navigator* select *2D Edit > S2 Align* to start the new function. You can also select the additional options *S1 With resize*, *S2 And copy* as well as *S3 Multiple copies*. The standard selection in SPIRIT *F1 entities*, *F2 group* and *F3 area* allows you to select one or more objects to be aligned. Now define the starting points and the corresponding target point. To rotate the object, define a second target point. Depending on the additionally set options, the object will also be resized based on the two defined target points. You can also copy the “final result” one or more times.

Value

- ✓ Several work steps are combined in the *Align* function.
- ✓ Moving, rotating and stretching over two reference points simplifies operation.
- ✓ The function can be used flexibly thanks to various additional functions.

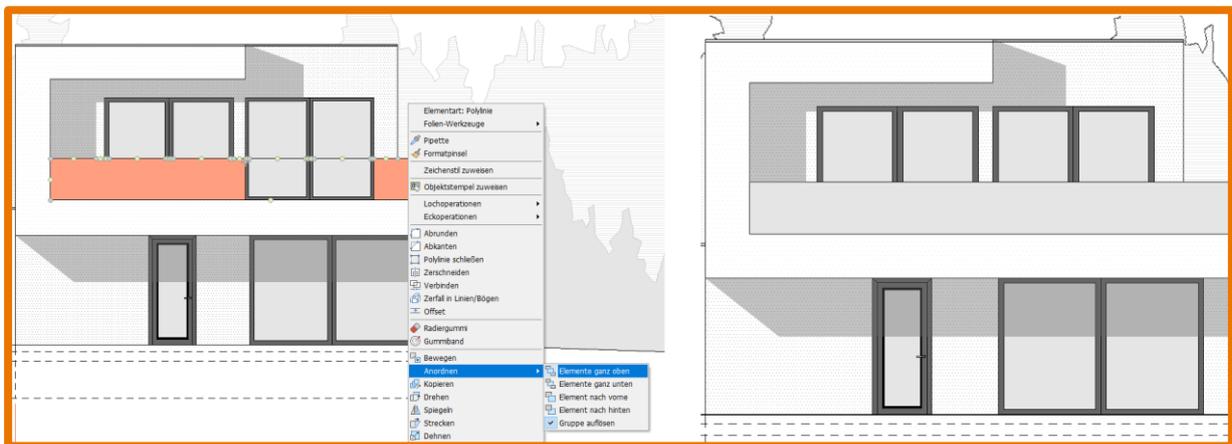
Functions – Arrange objects

All the way forward or all the way back – change the order of drawing for overlapping objects per layer.

Description

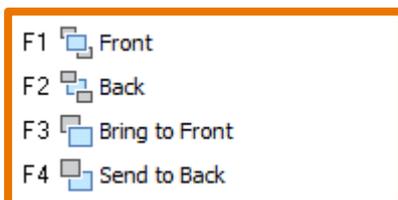
The order of drawing for objects is fundamentally influenced by the arrangement of the layers. SPIRIT offers the setting options for this under *Drawing / System > F4 Layer Order > F1 to F3*. The standard setting in SPIRIT is *F3 in Order*.

But not all objects will always be drawn separately on different layers. For example, differently colored areas and labels must be drawn on one layer. The new functions allow you to specifically edit the order of drawing for the objects.



Function

The new *Arrange* function allows you to control overlapping objects on a slide that cover an area. For example objects such as lines, polylines, hatching and fillings, labels and pictures. The four new functions, which are called *Draw order*, offer you the following possibilities:



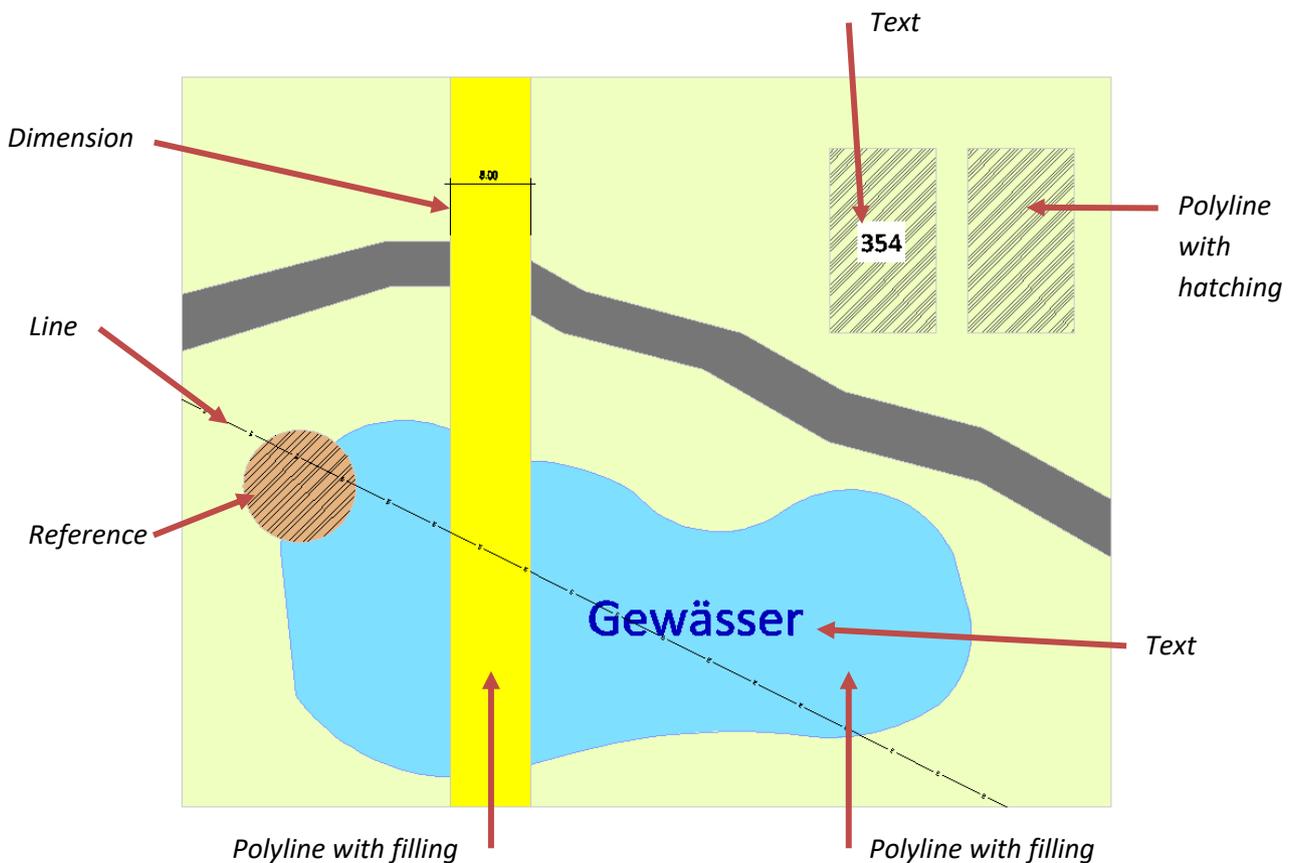
The *Draw order* function can be found in the *Menu-Navigator > 2D Edit > Move > S3 Draw order*. To change the order of the objects, first select the desired function and then select the desired objects using the standard selection functions. You must also select a reference object for the element forward and element back options. In addition, the context menus of the objects line, polyline, text, text block, dimensioning contain the option *Draw order* when selection has already been made.

Patterns in groups

The function of the groups will be considered when arranging the objects. If objects that belong to a group are selected, changing the drawing order will always affect the entire group. Optionally, groups can be exploded, this setting is selected by default, so that only the selected object(s) will be arranged accordingly.

Example for a possible arrangement of the drawing order on a layer

These functions allow you to choose which object should be displayed in front of or behind other objects. You can also specify the drawing order of different object types.



Note

The drawing order of overlapping objects **can only be controlled** within a layer and works only if the corresponding layer is active.

Value

- ✓ Objects can now be specifically changed in their order in the drawing area.
- ✓ Expanding the functions and objects gives you a more flexible way of working.
- ✓ The layout with the help of fillings, hatching and text etc. is simplified.

Output – New print settings dialog

Clearer plus more functions.

Description

When your work is finished, the plan serves for presentation, documentation and as a basis for execution on the construction site. This enables you to meet all requirements. This makes the output options the main topic in SPIRIT 2020.

The *Printer/Plotter settings* dialog has now a much clearer structure and offers a complete overview of the options for the output of a plan. In particular, the settings for PDF output can now be clearly defined under the *To PDF* heading. You can also get from the dialog to the *SPIRIT Settings > Drawing settings > Extended PDF parameters* in order to define the PDF info for the drawing.

You can open the dialog in SPIRIT 2020 in the following ways: Via the pull-down menu *File > Print Setup* and via the two standard workflows under the Menu-Navigator *Sheets / Presentation > Plotter > Print Setup* or by creating a new sheet under the dockable dialog *Sheet Manager > add sheet*.

Function

The *Printer/Plotter settings* dialog now shows all possible information and output settings directly. The new PDF settings refer to all variants of PDF output in the *Sheets / Presentation* menu.

All other new functions for output are explained on the following pages in the "What's new" document.

Value

- ✓ Clear dialog for all settings for print output, HPGL and PDF.

Output – New PDF output

To PDF - the new standard in SPIRIT.

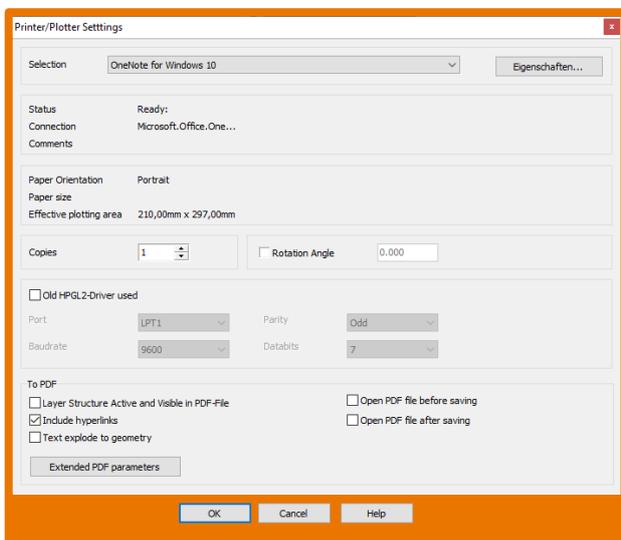
Description

Creating a PDF file is now a standard process in many offices and has become indispensable in everyday life. PDF stands for "Portable Document Format" and was developed by Adobe Systems in 1993 as a platform-independent file format. The files can be opened on all computers, tablets and smartphones. A PDF can consist of text, vectors and images and looks the same on all systems.

The PDF output has been completely revised for SPIRIT 2020 and offers you reliable and fast output options for everything you want to record in SPIRIT via the PDF file.

Function

First things first: The new PDF edition creates your PDF files faster. This is due to the optimizations for the new PDF output in SPIRIT 2020. Depending on the content, the PDF files generated are smaller than in version 2019. As you have already learned, the *Printer/Plotter settings* dialog has been cleaned up. The settings of the PDF output are clearly arranged there and have a direct impact on the PDF file to be created at this central point. All of the following settings for PDF output come into play when you use the SPIRIT function *To PDF*.



Layer structure Active and Visible in PDF-File

You are probably already familiar with this function from previous SPIRIT versions. Define whether the layers in the PDF should be active and whether the contents of the PDF file can be switched on and off.

Include hyperlinks

The hyperlinks of an object can optionally be stored in the PDF file. Decide whether the hyperlink to the respective object should be selectable in the PDF or not.

Explode text into geometry

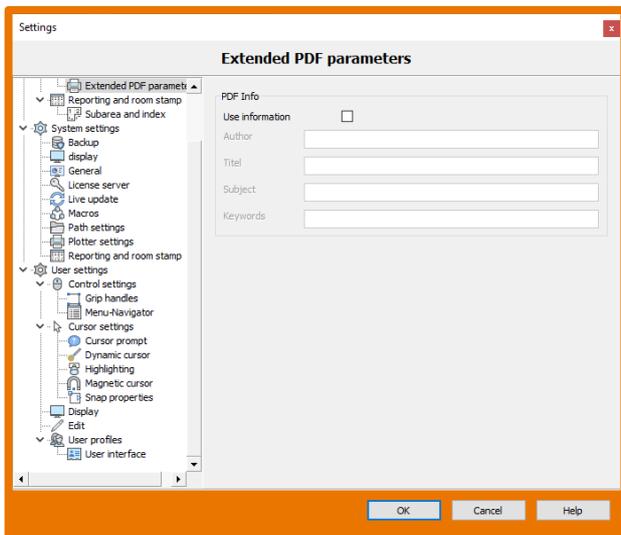
One of the biggest innovations in version 2020 is the output of text (fonts) in the PDF file. This means that text in the PDF remains recognizable as text and that the corresponding font defined in SPIRIT will also be stored in the PDF file. This produces much smaller PDF files, especially if they contain sheets with a lot of text. The function *Text explode to geometry* allows you to control whether the text will be transferred as text into the PDF or should be exploded into geometry.

Open PDF file before saving

The option *to PDF reader* has disappeared from the *Menu-Navigator* and moved to the new *Printer/Plotter settings* dialog as a user setting. When the function is active, SPiRiT creates a temporary PDF file with the name of the drawing and the active view or sheet. This makes it possible to create several temporary PDF files at the same time. However, you should consider that this PDF is only temporarily available in your PDF program. You have to save the file using your PDF program.

Open PDF file after saving

SPiRiT 2020 offers you the option of opening the PDF file directly after saving it in your PDF program. This is the PDF file which you have saved during the creation process.



Extended PDF parameters

The *Extended PDF parameters* are new in SPiRiT 2020 and contain drawing-dependent information. Use the button *Extended PDF parameters* to access the *SPiRiT Settings > Drawing settings > PDF Info*. Here you can store standard information for the drawing, which is then included in the properties of the PDF file. You can enter the author, title, subject and keywords.

What else is new?

The new PDF output also comes with some user requests as you may already have recognized. The problems “PDF in Adobe Acrobat cannot be opened” or “Output with transparencies as an image file” were taken into account in the new edition and should be a thing of the past.

Note: The previous settings for PDF output under *Settings > Print Settings* are no longer available in SPiRiT 2020.

Value

- ✓ SPiRiT creates smaller PDF files.
- ✓ The creation of PDF files was accelerated.
- ✓ Text remains in the PDF as text.
- ✓ Layers can be switched in the PDF file.
- ✓ Any number of PDF files can now be generated temporarily from SPiRiT.
- ✓ Transparencies allow output as vectors.
- ✓ PDF files can contain additional information about the author.

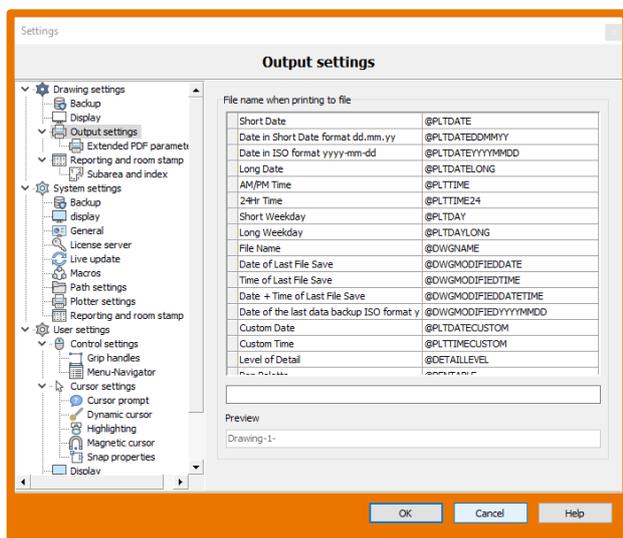
Output – Definition of the file name for file output

Labeled correctly right from the beginning.

Description

The output issue includes not only printing on paper, but also general output to a file. With SPIRIT 2020 we provide you with various variables that can be used to define the output name for all file formats depending on the drawing.

Function



You will find the new function in the SPIRIT settings under *Drawing settings > Output settings > File name when printing to file*. When you select it a list of the available variables appears on which you can double-click in the input line.

The variables consist of date information, system information, view information and sheet information. In the input line, you also have the option of entering the separators. You decide individually how the file name will look at the end.

Here is a small example with [] as a separator:

@ DWGNAME @ _ @ VIEWNAME @ _ @ LAYOUTID @ _ @ LAYOUTAUTHOR @

The *Preview* shows you a finished example of your currently open drawing

Value

- ✓ The output name can be composed of various variables.
- ✓ The defined output name applies to all file formats.
- ✓ The output name can be composed individually with additional characters.

Output – Target path: S12 or view and sheet

Correctly stored.

Description

You will surely know the problem too. You open several drawings from different projects during a working day. For output you set a corresponding path for the PDF file. Then you save the PDF file, edit the drawing and continue work until it is time for output again. As you know SPIRIT always remembers the last path used and you have to change the project and set the path again.

You may have been able to cure this problem by specifying a folder for general output in the SPIRIT settings so that all output files can be stored there. Certainly a solution that you can continue to use with SPIRIT 2020.

Drawing-related output

With SPIRIT 2020, the default storage path has changed. For each file output the program will first suggest the path of the S12 drawing. SPIRIT 2020 will save each generated file next to the drawing unless defined otherwise by you. So you can always be sure that the corresponding output will end up in the appropriate project folder for the drawing.

There is more

There is another innovation in the dockable dialogs *View Manager* and *Sheet Manager*. With SPIRIT 2020, you can define a separate storage path for each plan and sheet. This path is saved as a relative path and is therefore also suitable for network storage or can be predefined in the default drawing for individual project structures. After the definition of the relative path, starting from the S12, the path will be displayed within two brackets () as an absolute path.

Options in the SPIRIT settings

You can determine your optimal output workflow using the SPIRIT option *Save output files in the system path "Plot file"* under *System settings > Print settings*. This setting is deactivated by default in version 2020 and thus the drawing-related storage takes effect.

Function

You can check the target directory for your output on the respective view or sheet under the *General Info* group. Depending on the output settings, you will see the relative path of the S12 or the individual relative path in front of the bracket and the absolute path in the bracket.

SPIRIT 2020 – What's new

General	
Target directory	Drawing Path
(C:\Users\cpacher_SOFTTECH\CAD\76_Musterprojekt\EFH\00_S12\)	C:\Users\cpacher_SOFTTECH\CAD\76_Musterprojekt\EFH\00_S12\

In the *Target directory* line on the respective view or sheet you can define the output path via ... or enter it directly (copy and paste). The changes to the path can also easily and conveniently be applied to multiple views and sheets using multi-selection of the lines.

If you want to work with a fixed path for your output as before and have set the desired path via the *System settings > Path settings*, the path will also be displayed on the view or sheet.

Attention: for the option *System settings > Plotter settings* the function *Save output files in the system path "Plot file"* must be activated.

General	
Target directory	Drawing Path
C:\ProgramData\STI\SPIRIT2020\080_Output Files\	C:\Users\cpacher_SOFTTECH\CAD\76_Musterprojekt\EFH\00_S12\
▶ C:\ProgramData\STI\SPIRIT2020\080_Output Files\	C:\Users\cpacher_SOFTTECH\CAD\76_Musterprojekt\EFH\00_S12\

It is not possible to change the path at this point if the setting *Save output files in the system path "Plot file"* is active.

Value

- ✓ All file outputs are initially located next to the S12 and saved with the project.
- ✓ Individual project storage for output files for each project.
- ✓ Individual output per view and sheet can be set.
- ✓ Individual paths for output via *Sheets / Presentation* can be set as relative paths.

Output – Print Server 2.0

Your output is in safe hands.

Description

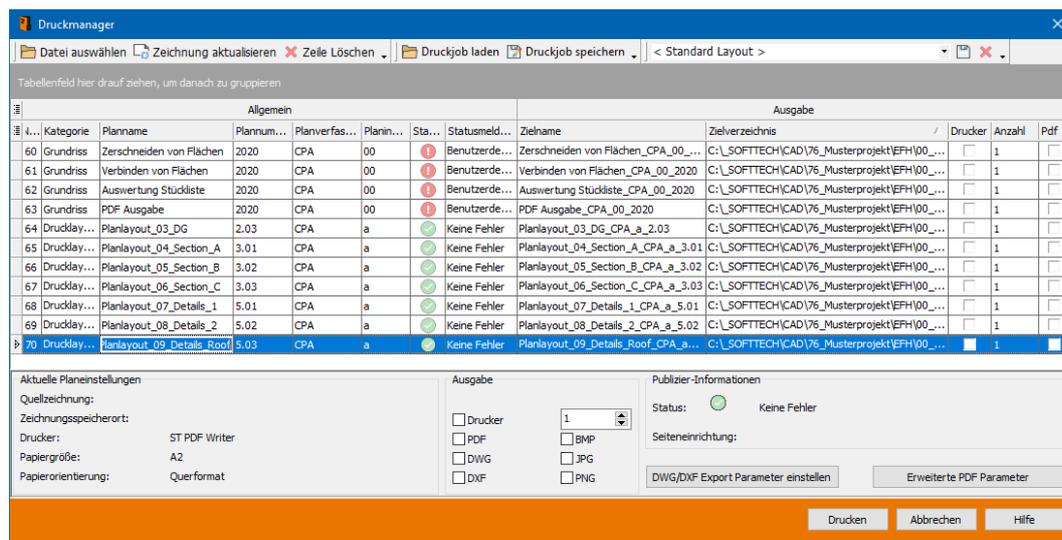
Many tasks during project planning are repetitive and some of them are also very time-consuming. This applies, for example, to the output of plans and drawing exchange with other planning participants. Sheets/Plans must still be printed or plotted in order to discuss them at the construction site or with the client. At the same time, files for data exchange have to be created as DWG/DXF files to give them to specialist planners. Last but not least PDF documents play a major role. All of these steps have to be carried out over and over again for a complete project: floor plans, views and sections, overview plans, details etc. and this has to be done for every new planning status. Since version SPiRiT 2012 pro you can use the *Print Server* for these tasks.

The new version SPiRiT 2020 includes the *Print Server 2.0* which enables you to perform these tasks much faster. One of the most important aspects is the flexible use of the new print server. No matter how complex or simple the output will be, the new print server helps you to optimize and accelerate your work process. It will become your central tool for the output of plans, PDF and DXF files.

The new look and the new functions of the print server do not only manage the views and sheets more clearly and easily, in addition, you can now see all the important information about the individual plans directly. Furthermore, you can also output different file formats individually and automatically using one function only.

Function

Start the print server via the pull-down menu *File > Print server* or via the *Menu Navigator > Sheets / Presentation > SO Print Server*.



The print server shows you the views and sheets of the opened drawing. For every view/sheet in the active drawing all important information about the drawing and the output will be displayed. You can also show and hide the columns you want and save them as your layout.

Status and status message

Sta...	Status message
	Check custom paper size
	Check custom paper size
	Check custom paper size
	no error

In SPiRiT 2020 the print server shows the status of the respective view and sheet. Are the printer settings all set correctly? You can now view this and know exactly whether you need to change settings for the respective view or sheet.

An overview of more information

Drag a column header here to group by that column

General													
Number	Drawing Path	Drawing	Sheet	Category	Sheet Number	Group	Sheet Author	Sheet Index	Comment	Sheet Creation Date	Sheet Index Date	Status	Status message
50	C:\Users\cp... EFH_3D_Modell_2020.S12	EFH_3D_Modell_2020.S12	Auswertung - Reportdialog	Ortho	2019		CPA	03					Check custom paper size
51	C:\Users\cp... EFH_3D_Modell_2020.S12	EFH_3D_Modell_2020.S12	Update 2019.04	Ortho									Check custom paper size
52	C:\Users\cp... EFH_3D_Modell_2020.S12	EFH_3D_Modell_2020.S12	Referenzmanager Follenliste	Ortho	2019		CPA	04					Check custom paper size
53	C:\Users\cp... EFH_3D_Modell_2020.S12	EFH_3D_Modell_2020.S12	Dynamische Eingabe Füllungen u Schraffuren	Ortho	2019		CPA	04					Check custom paper size
54	C:\Users\cp... EFH_3D_Modell_2020.S12	EFH_3D_Modell_2020.S12	IFC - Export Sweepkörper	Parallel	2019		CPA	04					Check custom paper size
55	C:\Users\cp... EFH_3D_Modell_2020.S12	EFH_3D_Modell_2020.S12	Auswertung Zoom	Ortho	2019		CPA	04					Check custom paper size
56	C:\Users\cp... EFH_3D_Modell_2020.S12	EFH_3D_Modell_2020.S12	Linienbreite	Ortho	2019		CPA	04					Check custom paper size
57	C:\Users\cp... EFH_3D_Modell_2020.S12	EFH_3D_Modell_2020.S12	-----	Ortho									Check custom paper size
58	C:\Users\cp... EFH_3D_Modell_2020.S12	EFH_3D_Modell_2020.S12	Ausblick SPiRiT 2020	Ortho	2020		CPA	00					Check custom paper size
59	C:\Users\cp... EFH_3D_Modell_2020.S12	EFH_3D_Modell_2020.S12	Druckmanager	Ortho	2020		CPA	00					Check custom paper size
60	C:\Users\cp... EFH_3D_Modell_2020.S12	EFH_3D_Modell_2020.S12	Zerschneiden von Flächen	Ortho	2020		CPA	00					Check custom paper size
61	C:\Users\cp... EFH_3D_Modell_2020.S12	EFH_3D_Modell_2020.S12	Verbinden von Flächen	Ortho	2020		CPA	00					Check custom paper size
62	C:\Users\cp... EFH_3D_Modell_2020.S12	EFH_3D_Modell_2020.S12	Auswertung Stückliste	Ortho	2020		CPA	00					Check custom paper size
63	C:\Users\cp... EFH_3D_Modell_2020.S12	EFH_3D_Modell_2020.S12	PDF Ausgabe	Ortho	2020		CPA	00					Check custom paper size
64	C:\Users\cp... EFH_3D_Modell_2020.S12	EFH_3D_Modell_2020.S12	Planlayout_03_DG	Paper	2.03		CPA	a					no error
65	C:\Users\cp... EFH_3D_Modell_2020.S12	EFH_3D_Modell_2020.S12	Planlayout_04_Section_A	Paper	3.01		CPA	a					no error
66	C:\Users\cp... EFH_3D_Modell_2020.S12	EFH_3D_Modell_2020.S12	Planlayout_05_Section_B	Paper	3.02		CPA	a					no error
67	C:\Users\cp... EFH_3D_Modell_2020.S12	EFH_3D_Modell_2020.S12	Planlayout_06_Section_C	Paper	3.03		CPA	a					no error
68	C:\Users\cp... EFH_3D_Modell_2020.S12	EFH_3D_Modell_2020.S12	Planlayout_07_Details_1	Paper	5.01		CPA	a					no error
69	C:\Users\cp... EFH_3D_Modell_2020.S12	EFH_3D_Modell_2020.S12	Planlayout_08_Details_2	Paper	5.02		CPA	a					no error
70	C:\Users\cp... EFH_3D_Modell_2020.S12	EFH_3D_Modell_2020.S12	Planlayout_09_Details_Roof	Paper	5.03		CPA	a					no error

You can now display all of the entries for the plan that you define in the dockable dialogs *View Manager* and *Sheet Manager* in the Print Server. This enables you to see at a glance which plan information is missing or entered incorrectly, but also which plan with the respective contents should be used for output. In addition, you can see directly which information is included in the target name.

Several drawings in the print server

After starting the new print server the views and sheets of the currently active drawing will be displayed. You can also use the *Add drawing* function to open additional drawings if you need another view or sheet. SPiRiT then opens the drawing in the background and displays the list of views and sheets.

Print jobs

Of course, you still have the option to create and save print jobs from several drawings or for the current drawing. New in version 2020: only one print job can be loaded at a time.

However, this offers you the advantage to save and load the print job for each project in the project folder or anywhere you want. If a loaded print job contains drawings that are not currently open, SPIRIT will notify you and, if necessary, open all drawings which are required to execute the print job.

Value

- ✓ The print server always loads the current drawing directly and clearly shows the views and sheets.
- ✓ The print server reads out the print settings and displays the corresponding status with a note.
- ✓ The print server clearly shows the contents of the views and sheets.
- ✓ The storage location is taken from the specified target directory.
- ✓ The target name is taken from the defined output names.
- ✓ Print jobs can be saved with the project.

Output – Extensions at the locate plot sheet

Faster adjustments to the Quick Layout function.

Description

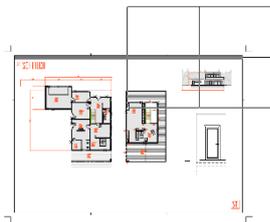
In order to position the selected sheet in the drawing area the so-called layout plot sheet will be laid over the content of the plan. The plot sheet includes the previously selected sheet size and depends on the scale. When the layout plot sheet is attached to the cursor you can directly influence these two factors (sheet size and scale).

If one of your previous settings was not matching, you do not have to reset everything. You can make all changes directly using the new functions of the *Menu Navigator*.

The layout plot sheet adapts dynamically to the cursor and the info line shows you the modified sheet sizes or the modified scale.

Function

In the *Menu Navigator* under *S9 Plotter > F10 Quick Layout* you can access the corresponding function for inserting the layout plot sheet. The defined plot sheet depends on the cursor. The following new functions are now available in the *Menu Navigator*.



F9 Previous Plot Scale and *F10 Next Plot Scale* allow you to change the set scale directly. The layout plot sheet attached to the cursor adapts accordingly.

F7 sheets larger and *F8 sheets smaller* allows you to switch the sheet sizes of the selected printer in ascending or descending order.

The info line shows you the sheet size currently attached to the cursor.

Value

- ✓ The ability to change the scale and sheet size at any time while setting the layout plot sheet saves time and makes working much easier.