



**GE**  **MAX**

**TUTORIAL**  
**PLOTTING FUNCTIONALITIES**

# Plotting Functionalities

## DESCRIPTION

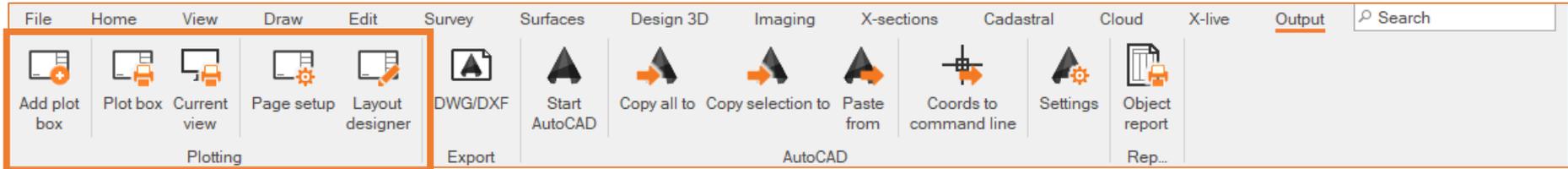
- Use the Plotting functionalities

## GOAL

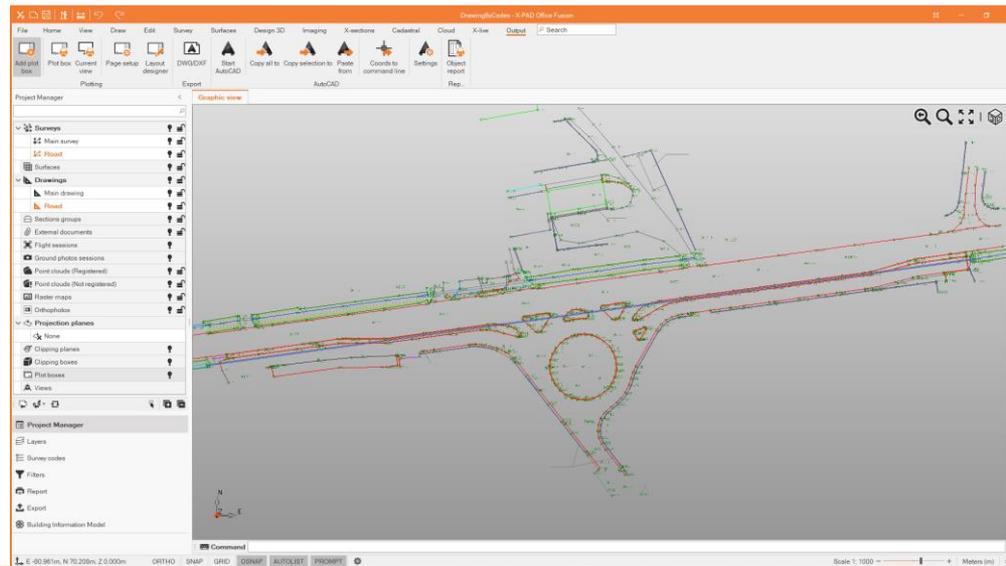
- How to define and edit a Plot box
- How to define or customize the plotting using the Layout Designer



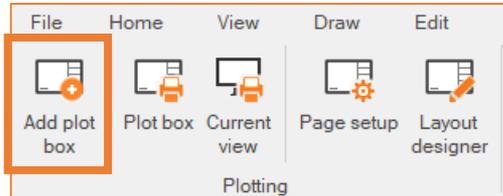
# Output Menu - Plotting



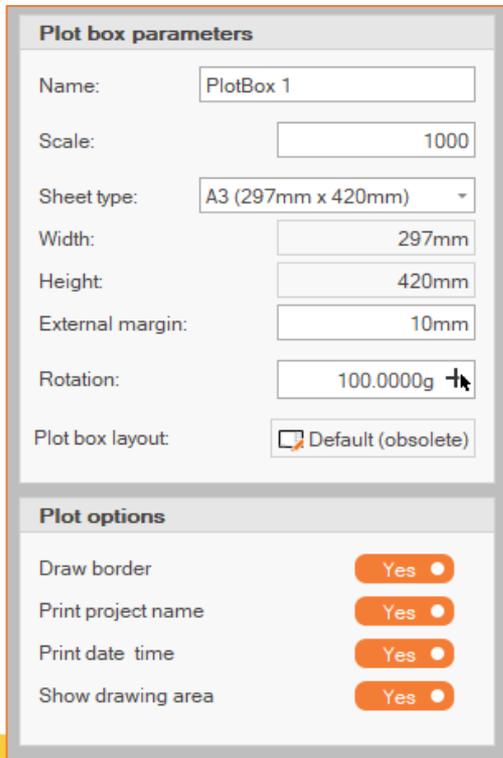
From **Output** menu it is possible to use the Plotting functionalities to set and print the data from graphic view using different settings



# Plotting – Add Plot Box



From Output menu select **Add Plot Box** to set up that allows you to print a portion of the graphic view



**Plot box parameters**

Name:

Scale:

Sheet type:

Width:

Height:

External margin:

Rotation:

Plot box layout:  Default (obsolete)

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**Plot options**

Draw border  Yes

Print project name  Yes

Print date time  Yes

Show drawing area  Yes

From Plot box parameters it is possible to select the following contents:

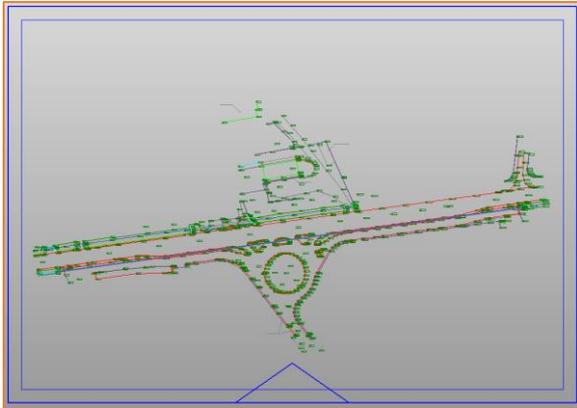
- **Plot box name**
- **Graphic scale**
- **Sheet type** from default or select custom to enter width and height
- **External margin**
- **Rotation** (enter directly the value or select 2 point for the direction)

From plot option it is also possible to enable/disable the **labels** for the current plot box

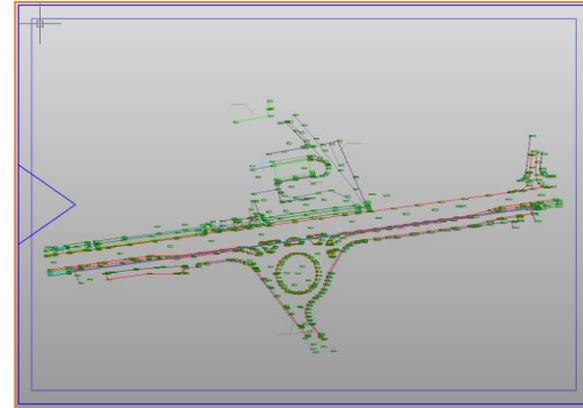


# Plotting – Add Plot Box

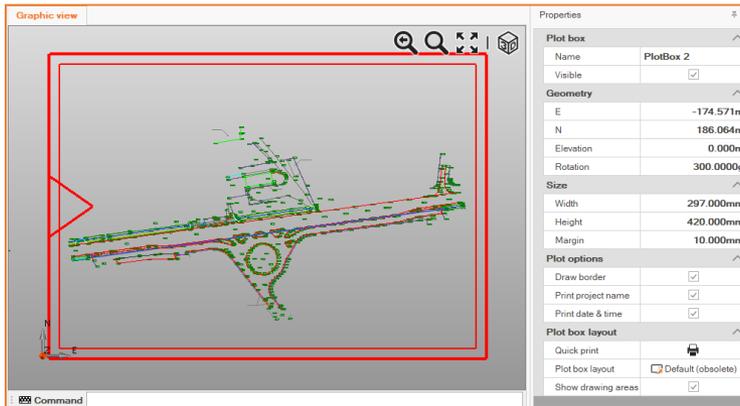
The arrow from the plot box represents the orientation of the plot box



Landscape



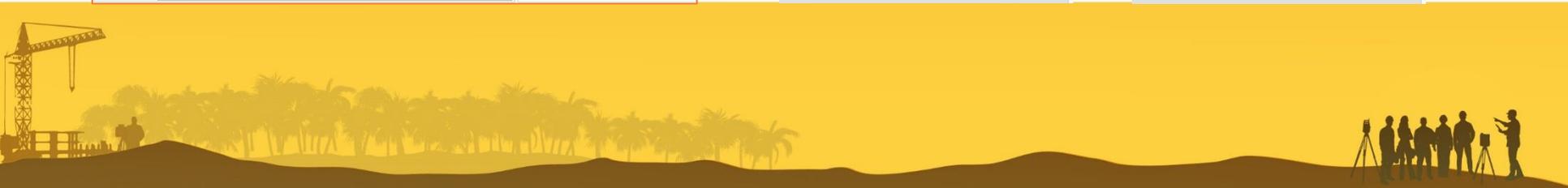
Portrait



After creating the plot box, it is possible to select and edit it from the Properties menu

Plot box	
Name	PlotBox 1
Visible	<input checked="" type="checkbox"/>
Geometry	
E	-174.571m
N	-110.936m
Elevation	0.000m
Rotation	0.0000g

Size	
Width	420.000mm
Height	297.000mm
Margin	10.000mm
Plot options	
Draw border	<input checked="" type="checkbox"/>
Print project name	<input checked="" type="checkbox"/>
Print date & time	<input checked="" type="checkbox"/>



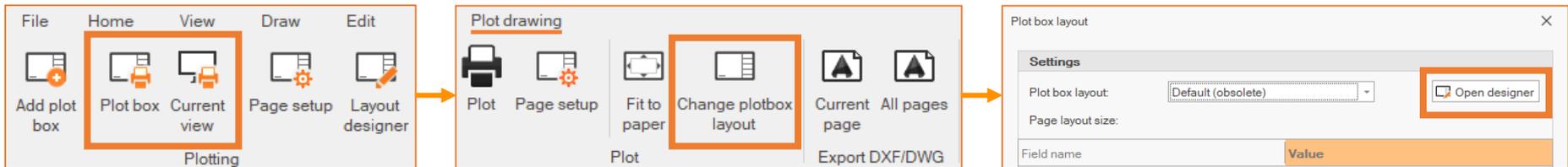
# Plotting – Layout Designer



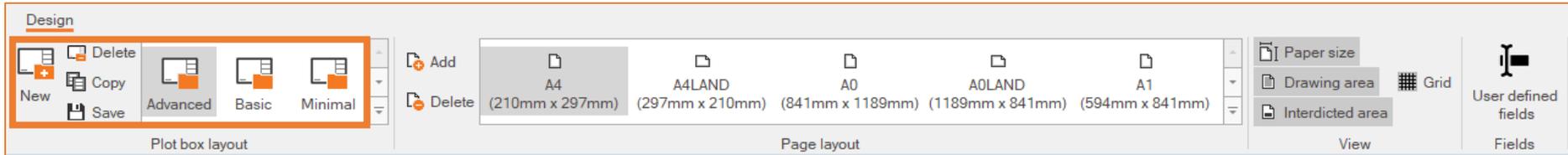
**Layout Designer** is the tool that allows to edit or define new and customized plot box.

It is possible to select **Layout Designer** directly from Output menu or from Plotting preview menu.

Plot box/ Current View > Change Plotbox Layout > Open Designer



# Layout Designer



From Plot Box Layout it is possible to use one of the predefined layout or select **New** empty plot box layout.

From the predefined layout it is possible to select: **Minimal**, **Basic** or **Advanced** with the possibility to customize it

Project Name:	Date:	Notes:	Scale:
[Project name]	[Date time]	[Notes]	[Drawing scale]

## Minimal

[Company header as image]	Project Name: [Project name]			Sheet: [Sh]
	Date:	Notes:	Scale:	
	[Date time]	[Notes]	[Drawing scale]	

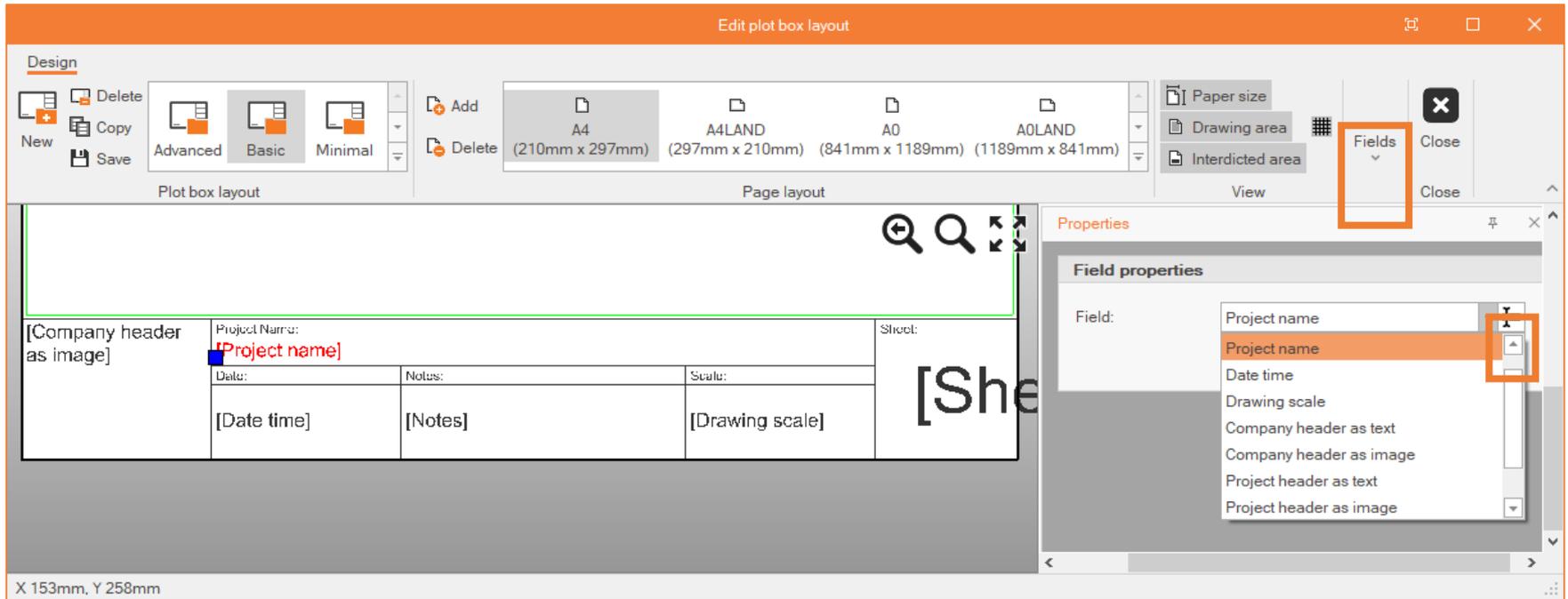
## Basic

[Company header as image]	D:	[Text D]	Drawn by:	[Drawn by]	
	C:	[Text C]	Controlled By:	[Controlled by]	
	B:	[Text B]	Controlled:	[Controlled]	
	A:	[Text A]	Notes:	[Notes]	
[Project header as image]	Project Name: [Project name]			Sheet: [Sh]	
	Date:	Part name:	Project number/Id:		Scale:
	[Date time]	[Part name]	[Project number]		[Drawing scale]

## Advanced



# Layout Designer – Define Fields



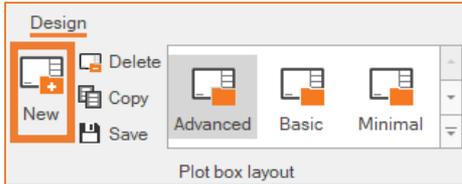
Select or add a **Plot Box** layout, then select a **Page Layout** or add a new page layout from DWG/DXF file.

It is possible to select the **Field** directly from the Graphic View, customize field and assign it for the current page layout.

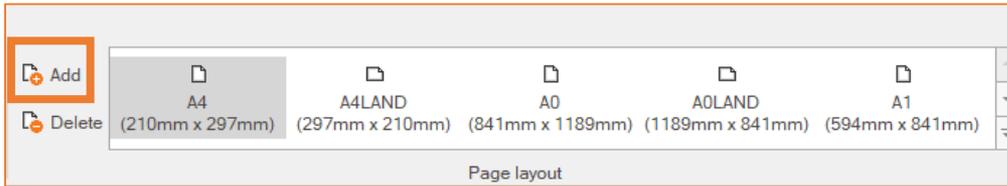
Please note that the customizations are valid only for the current page layout.



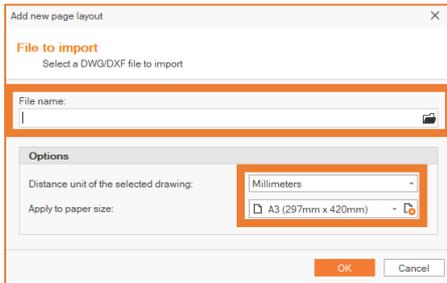
# Layout Designer – New Page Layout



From Plot Box Layout it is possible to fully customize the layout page. Select **New** to create new empty plot box layout.



From Page Layout select **Add** to import a new page layout from a DWG/DXF



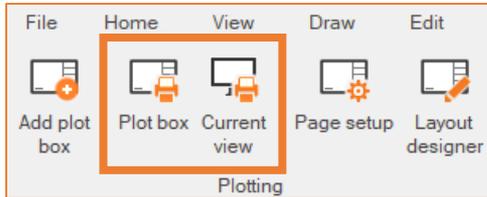
Import a customized DWG/DXF file and select file options.

The page layout must be composed of Single Line Text entities or block attributes in order to be able to assign the related fields

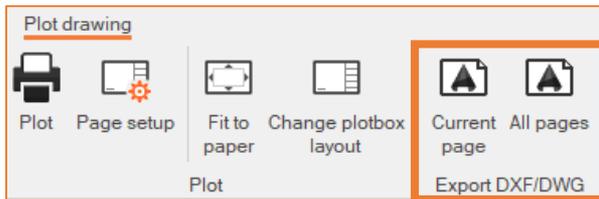
	<b>Project Name:</b>		
	<b>Scale:</b>		<b>Date - Time:</b>
	<b>Notes:</b>		



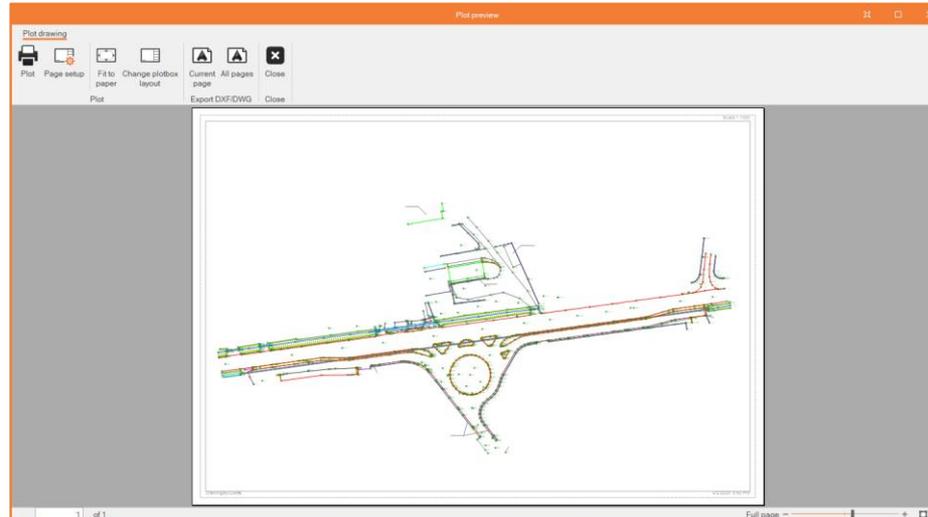
# Plotting Preview – DXF/DWG Export



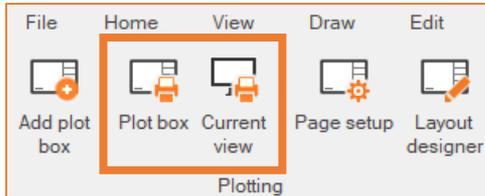
From Output menu it is possible to use the **Plot Box** or **Current View** to open the Plotting Preview menu.



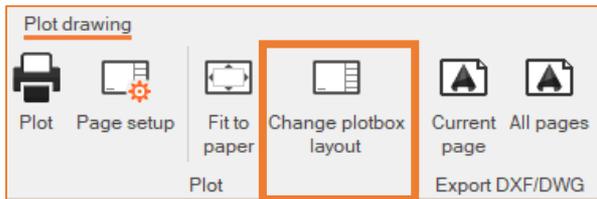
From Plot Preview menu it is possible to **Exports** current page or all pages to **DXF/DWG** file



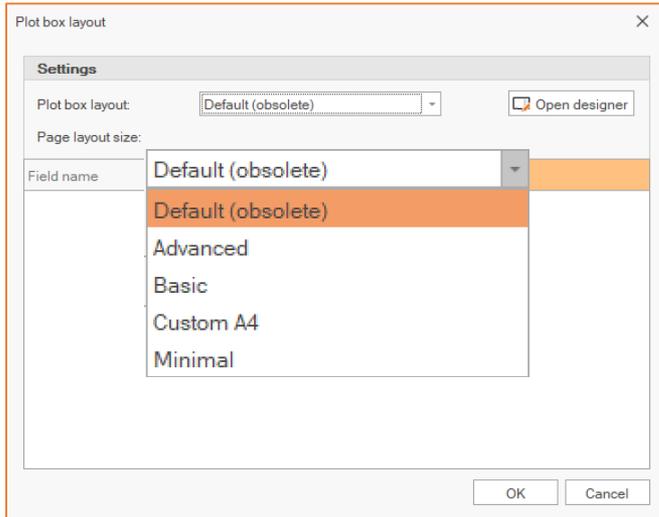
# Plotting – Plotting Preview



From Output menu it is possible to use the **Plot Box** or **Current View** to open the Plotting Preview menu.



From Plot Preview menu it is possible to select **Change Plotbox Layout**



From Plot Preview menu it is possible to select different layout style

- **Default (Obsolete)** Scale, Project Name, Date and Time
- **Customized - Minimal, Basic, Advanced** Predefined field from Layout Designer
- **Customized created from Layout Designer** Customized field from Layout Designer



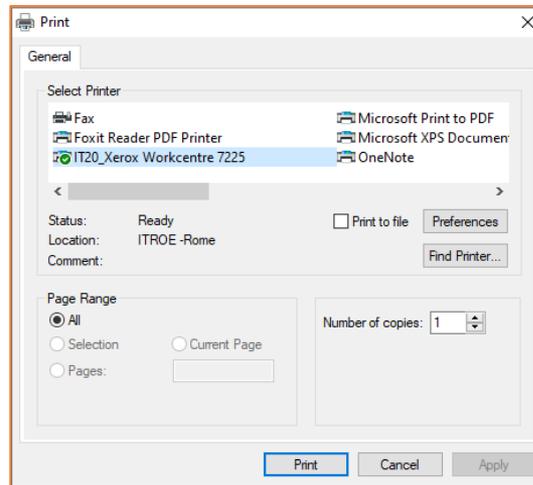
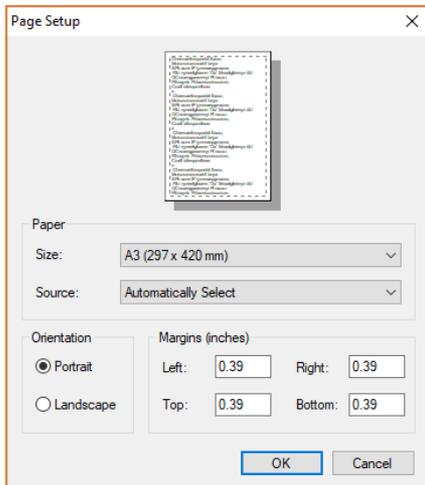
# Plotting – Plotting Preview



From Output menu it is possible to use the **Plot Box** or **Current View** to open the Plotting Preview menu.



From Plot Preview menu it is possible to **Plot** the preview, define **Page Setup**, **Fit** the drawing to current paper size or open **Plotbox Layout**



**Page Setup** allows to define or edit the page settings

**Plot** allows to plots the priview and define the printer

