Autosign

by CGS Labs

Creating A4 PDF Reports of Traffic Signs or Road Markings: A Step-by-Step Guide

Tutorial

CGSLABS

CGS Labs d.o.o.

Brnčičeva ulica 13

1000 Ljubljana

Creating A4 PDF Reports of Traffic Signs or Road Markings: A Step-by-Step Guide

Title: **Creating A4 PDF Reports of Traffic Signs or Road Markings A Step-by-Step Guide**

Document date: 18. 06. 2024

Version: 1.0.

Printing: CGS Labs d.o.o.

T: +386 1 235 06 00

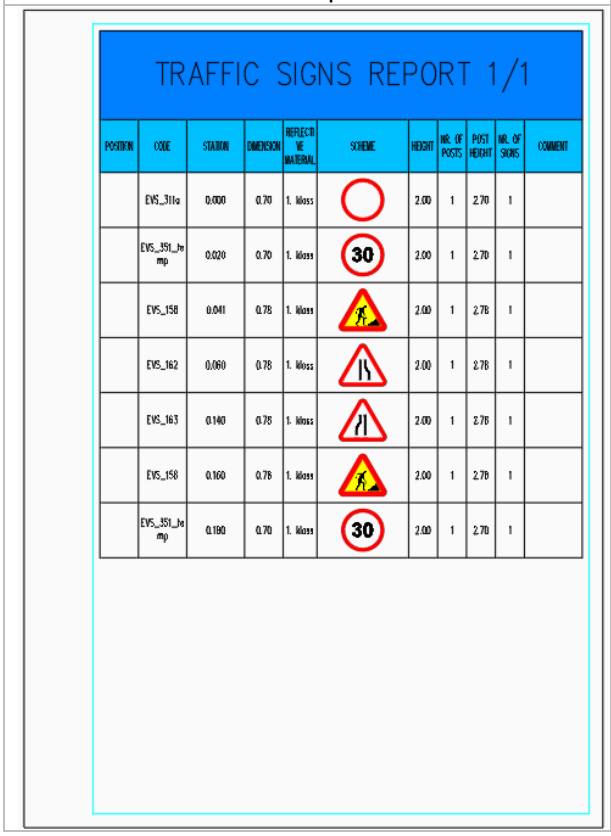
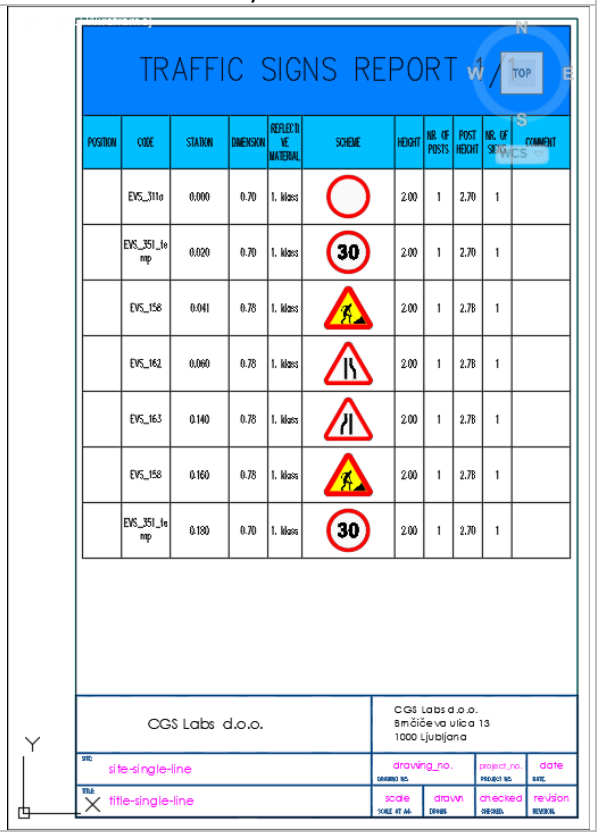
E: info@cgs-labs.com

Internet: www.cgs-labs.com

Table of Contents

INTRODUCTION

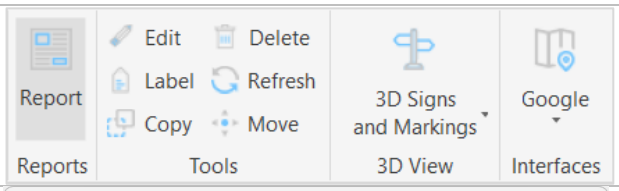
In this tutorial, we will demonstrate how to create a report of traffic signs or road markings in Autosign and then we will guide you through the process of formatting this report to fit an A4 sheet, which can then be exported as a PDF.

Model Space	Layout View
	

Create a Report

Creating a report of traffic signs or road markings in the Autosign program is very easy. Once you have inserted the traffic signs and road markings into the drawing, simply run the command for generating the report. First, select whether you want a report of traffic signs or road markings, then choose whether you want the table to be generated within the .dwg drawing or if you want to export the report to Excel as well.

1. Run the "Report" command.



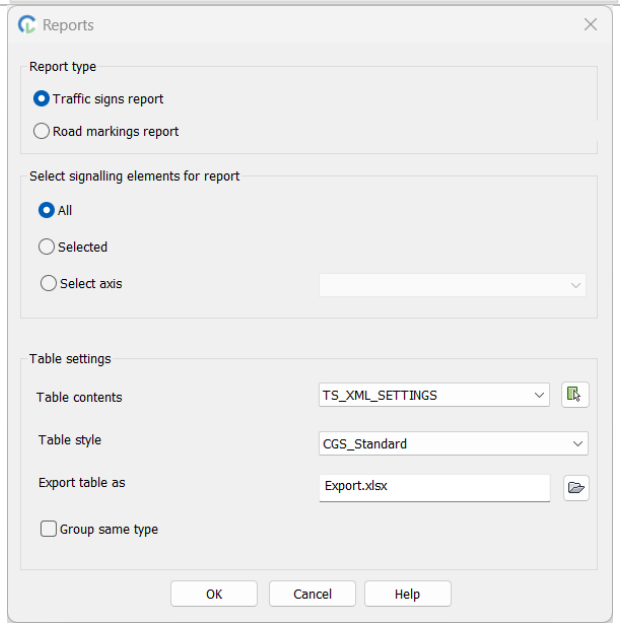
2. Select the report type (traffic signs or road markings report).

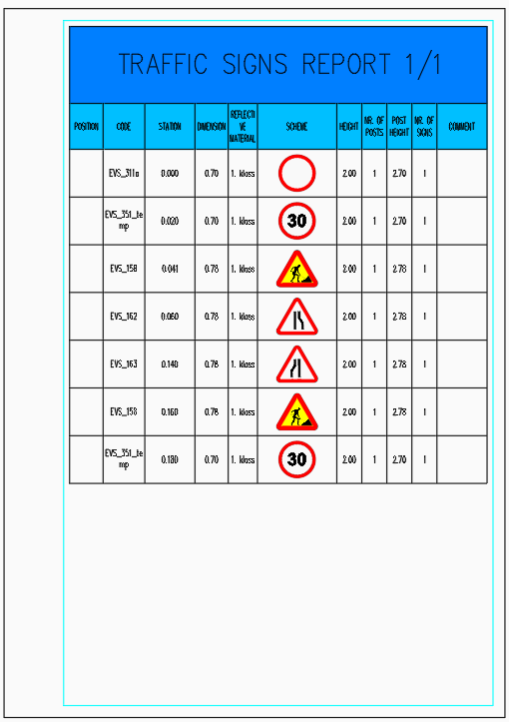
3. Then you have the option to choose which traffic signs you want to include in the report. You can insert all signs, only selected ones, or those on a specific alignment.

**If you want the table to be exported to an Excel file, click on the folder icon and then specify the file location.*

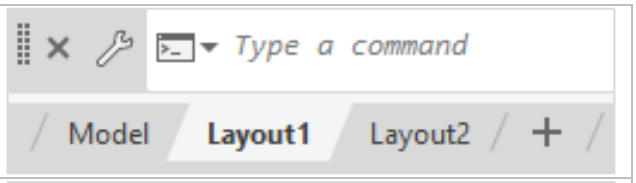
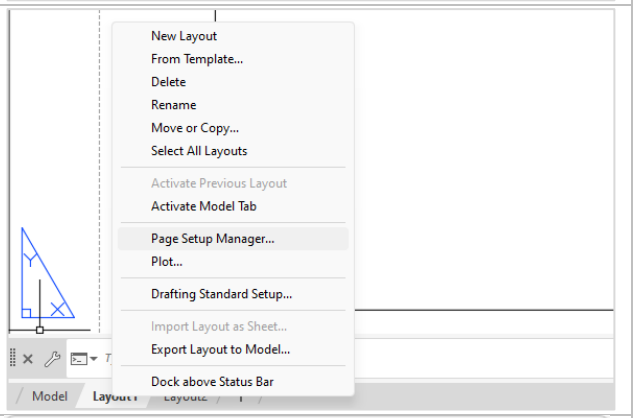
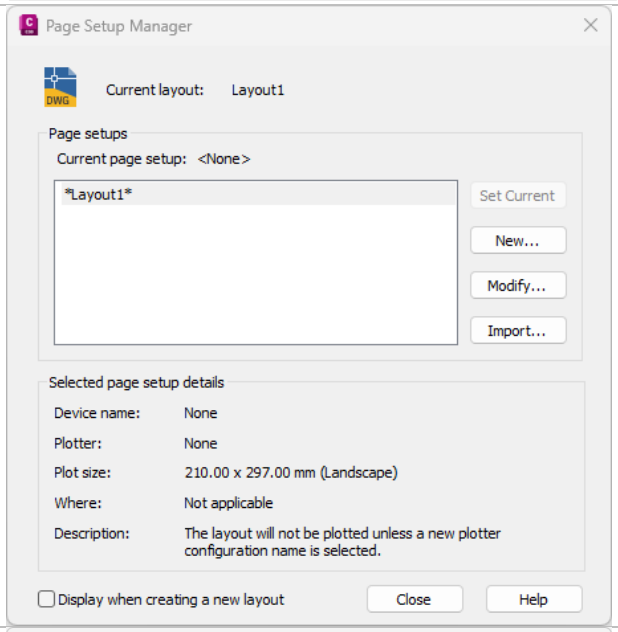
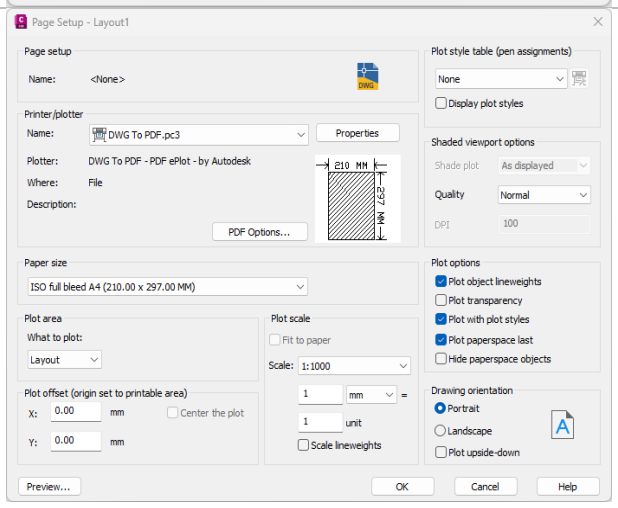
4. Once you have specified all the parameters, confirm by pressing the OK button.

5. Then define the insertion point in the drawing.





Preparing the Layout for an A4

1. Click on the "Layout1" tab at the bottom of the screen to switch to Layout View. Typically, you have two present layouts available (Layout1, Layout2).	
2. Right-click on the "Layout1" tab and select "Page Setup Manager."	
3. Then click "Modify...".	
4. In the "Page Setup - Layout" dialog box, under "Printer/Plot," select "DWG to PDF.pc3." Then, for paper size, choose the option "ISO full bleed A4 (210x297)." For plot area, select Layout from the drop-down menu. Check the box for the Portrait option. 5. Once you have defined all the parameters, click OK, and then click Close.	

Adding a Frame, Header, and Viewport in the Layout

Drawing a Frame

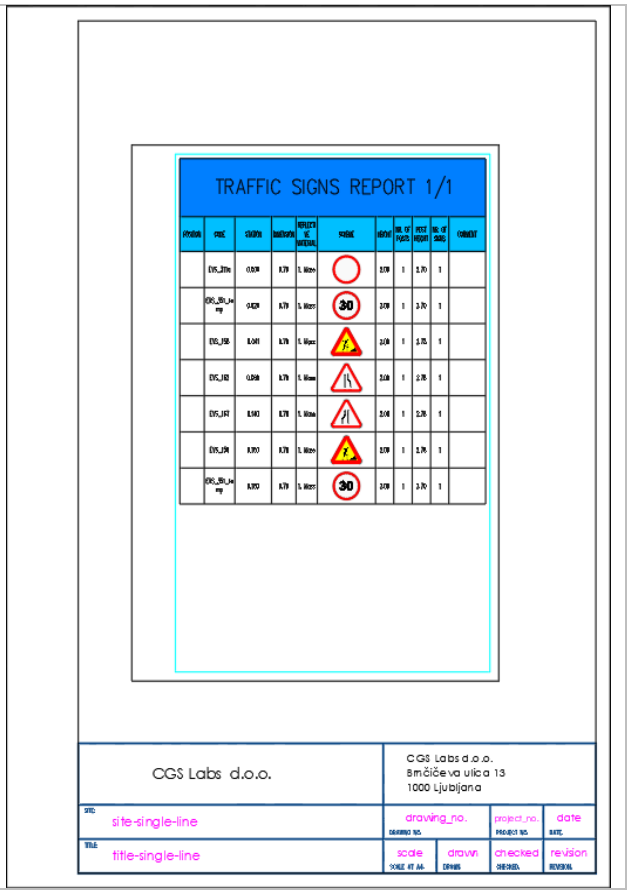
In Layout View, use the RECTANGLE command to draw a frame around the drawing area. Ensure the frame size is suitable for A4 paper (210 x 297 mm) with appropriate margins. For example, for a drawing with 10 mm margins, draw a rectangle with internal dimensions of 190 x 277 mm.

Inserting the Header

Then, in the next step, draw or insert an existing header. In the header, use the "text" command to insert relevant information such as the project name, date, author, scale, etc.

Inserting the Viewport

Change the dimensions of the existing viewport, or delete it and use the MV (MVIEW) command to insert a new viewport within the frame. Click inside the frame to define the viewport area. Ensure the viewport does not overlap the header or the frame margins.



Adjusting the Drawing with ALIGNSPACE

Use the ALIGNSPACE command to adjust the drawing within the viewport. This command helps to align the model space view with the paper space viewport, ensuring the drawing is properly centered and scaled.

1. Double-click inside the viewport to activate it. Ensure the model space view is active.

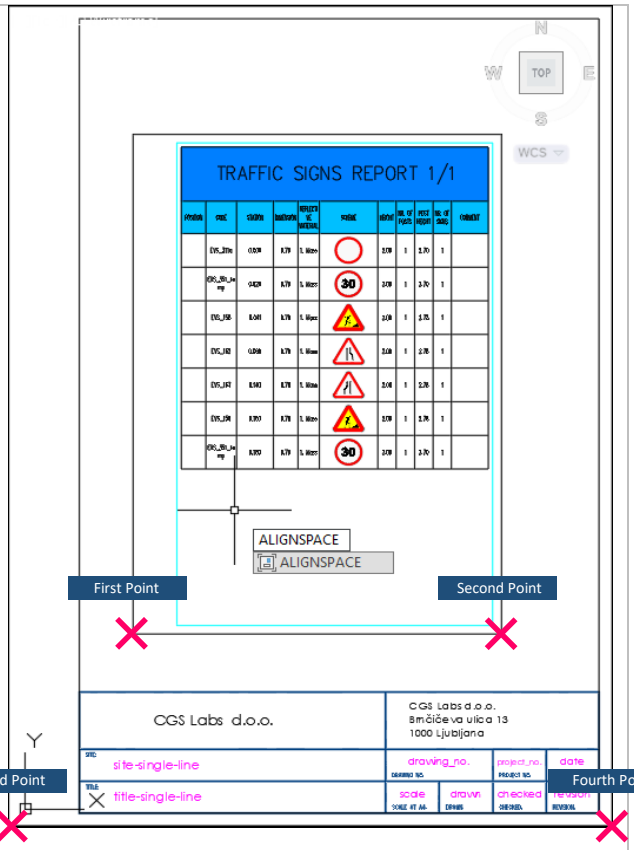
2. In model space, use the ALIGNSPACE command. You can start the command by typing it into the command line and pressing Enter.

3. After starting the ALIGNSPACE command, AutoCAD will prompt you to select points in model space and the layout for alignment.

4. First, select the point in model space you want to align, which is the bottom-left corner of the report frame. Then, select the second point, which is the bottom-right corner of the frame.

5. After that, the command will automatically switch to layout view. In the layout view, select the third point that corresponds to the bottom-left corner of the frame. Finally, sel the fourth point in the layout view that corresponds to the bottom-right corner of the frame.

6. Once you are satisfied with the adjustment of the drawing, lock the viewport to prevent accidental changes to the scale or position. Select the viewport, right-click, and choose "Display Locked," then set it to "Yes."



Additional Tips:

Adjusting Layers

Ensure that the layers are properly configured for printing. You can turn layers on or off as needed.

Saving and Printing

Save the drawing and review all settings. Then click on the "Plot" or "Print" icon to check the print preview. If everything is correct, confirm and print or save as a PDF.