7th lesson - Autocad - printing

8th November, 2022

We can configure 1 paper and tan copy that configuration for other papers

- Erase the layout \rightarrow empty paper
- Then right click on the layout tab \rightarrow right click select 'page set up manager'
 - Need to change the scale always in mm
 - Because we work in meters, we change 1 unit to 1000 mm
 - Select the printer to print to PDF select 'DWG to PDF'
 - Paper size we want full blade \rightarrow A3 full blade (420 x 297 mm)
- Create a frame REC @.42,.297 and move to 0,0,0 the base point
- We have the drawing in the scale 1:1 = real measurements

Plot style table

- Check 'display plot styles'
- Click New.. \rightarrow create from scratch \rightarrow choose name \rightarrow next \rightarrow finish
- Click on the picture of the printer define the colors we want to print
- Colors 1-9 = different thicknesses of black lines (we don't need more) → we change the properties – 'color: black', for other colors: 'use object colors'
- Lineweight the thickness
 - Select all colors \rightarrow select 0.000 mm (thinnest lines we can get)
 - But we want to bring up the important things
 - SECTION color 7 \rightarrow 0.4 mm
 - AXIS color 1 \rightarrow 0.25 mm
 - DAS LINES color \rightarrow 0.15 mm
 - Color 10 and 40 \rightarrow 0.15 mm
 - Color 9 \rightarrow 0.05 mm
 - HATCHES color 250 \rightarrow 0.000 mm
- From that we can get a .CTB file, which is needed for delivery
 - Saved in non-specific space
 - \circ Save as \rightarrow save it to our folder, so we can use it for the printing
- Create new text style 1_1 (size of letters = 2 mm)

Putting the views on the paper

- VIEWPORTS \rightarrow single \rightarrow click on the paper \rightarrow click again
- Change the scale go inside the drawing \rightarrow ZOOM \rightarrow S for scale \rightarrow 1/20xp (for scale 1:20)
- PAN to move the drawing inside the frame without moving the scale
- To see different types of lines
 - PSLTSCALE \rightarrow 0
 - REGEN \rightarrow we should see the changes
- Every drawing should have the legend with the list of elements and the sections should have fly in the scale 1:100, where we can see, through what the section goes

- To make the fly (1:100) → copy the floor plan → match properties of the lines and texts to the lines and texts we have in the legend for the different scales
 FI → COPYBASE
- To change the intensity of the colors 'Plot style manager' \rightarrow color \rightarrow scaling \rightarrow put the %

To print:

• Click on the layout tab → select all layouts → publish selected layouts → publish options → publish

Picture 1:

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Picture 2:



Picture 3:



Picture 4:

