

7th lesson - Autocad - printing

8th November, 2022

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

- Erase the layout → empty paper
- Then right click on the layout tab → 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 → 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.. → create from scratch → choose name →next →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 → select 0.000 mm (thinnest lines we can get)
 - But we want to bring up the important things
 - SECTION - color 7 → 0.4 mm
 - AXIS - color 1 → 0.25 mm
 - DAS LINES - color →0.15 mm
 - Color 10 and 40 → 0.15 mm
 - Color 9 → 0.05 mm
 - HATCHES – color 250 → 0.000 mm
- From that we can get a .CTB file, which is needed for delivery
 - Saved in non-specific space
 - Save as → 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

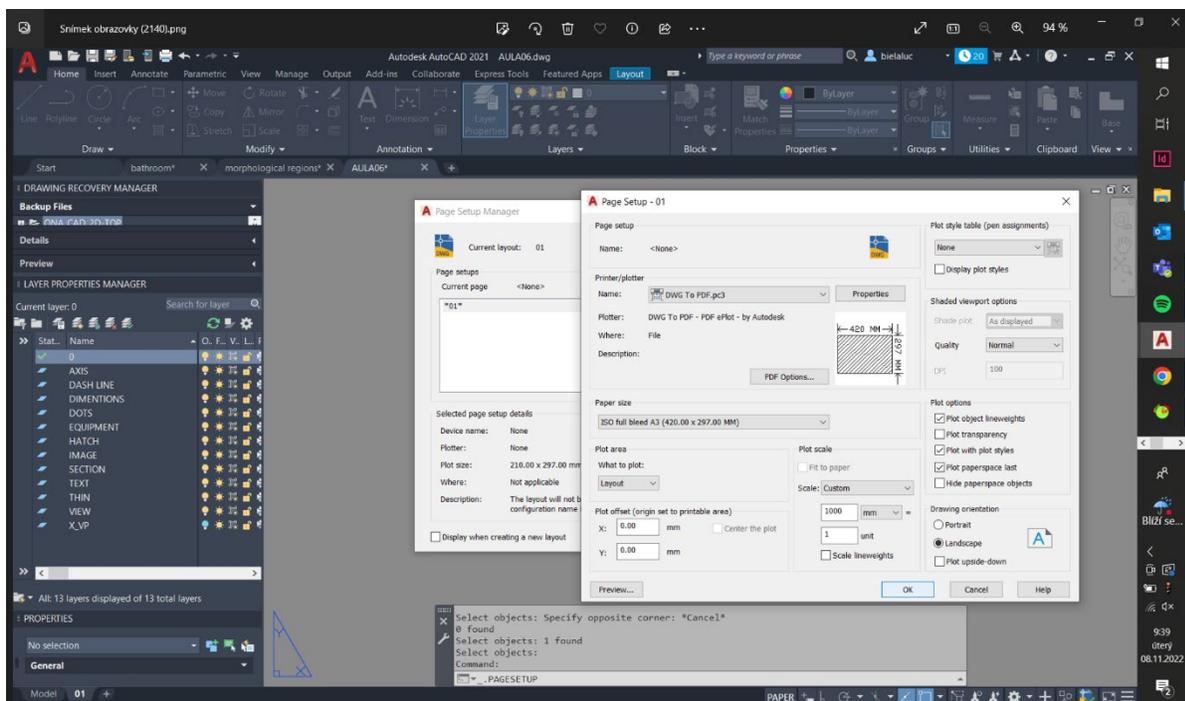
- VIEWPORTS → single → click on the paper → click again
- Change the scale - go inside the drawing → ZOOM → S for scale → 1/20xp (for scale 1:20)
- PAN to move the drawing inside the frame without moving the scale
- To see different types of lines
 - PSLTSCALE → 0
 - REGEN → we should see the changes
- 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’ → color → scaling → put the %

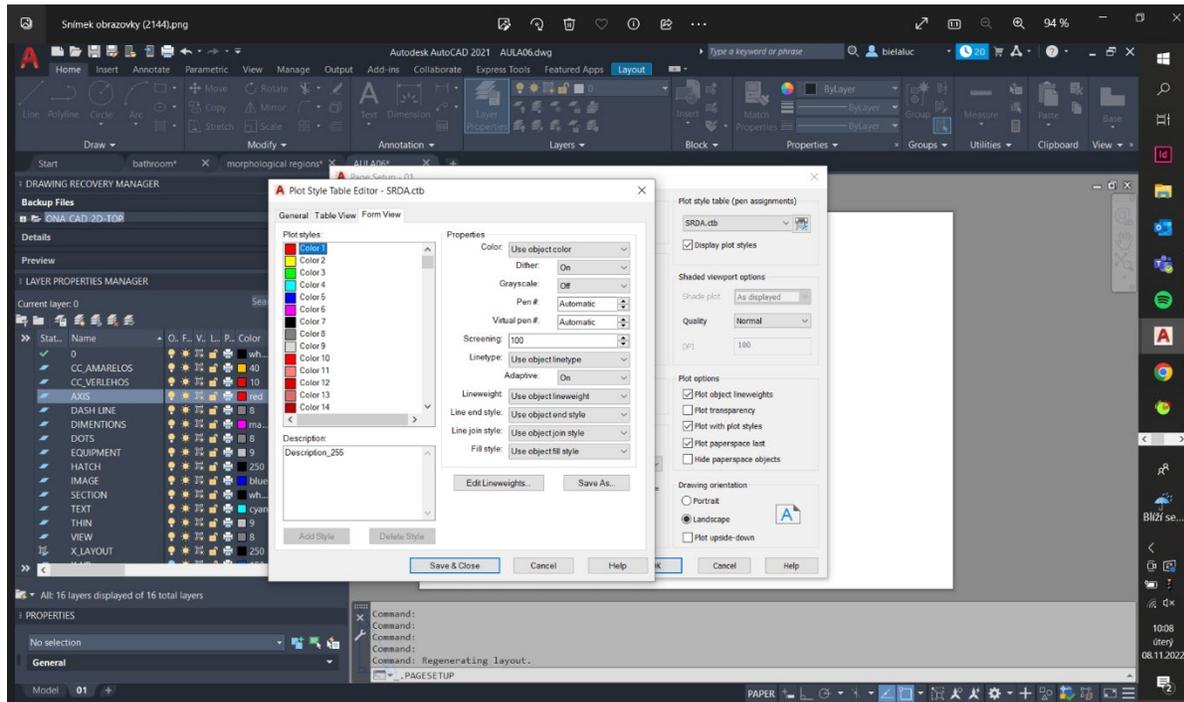
To print:

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

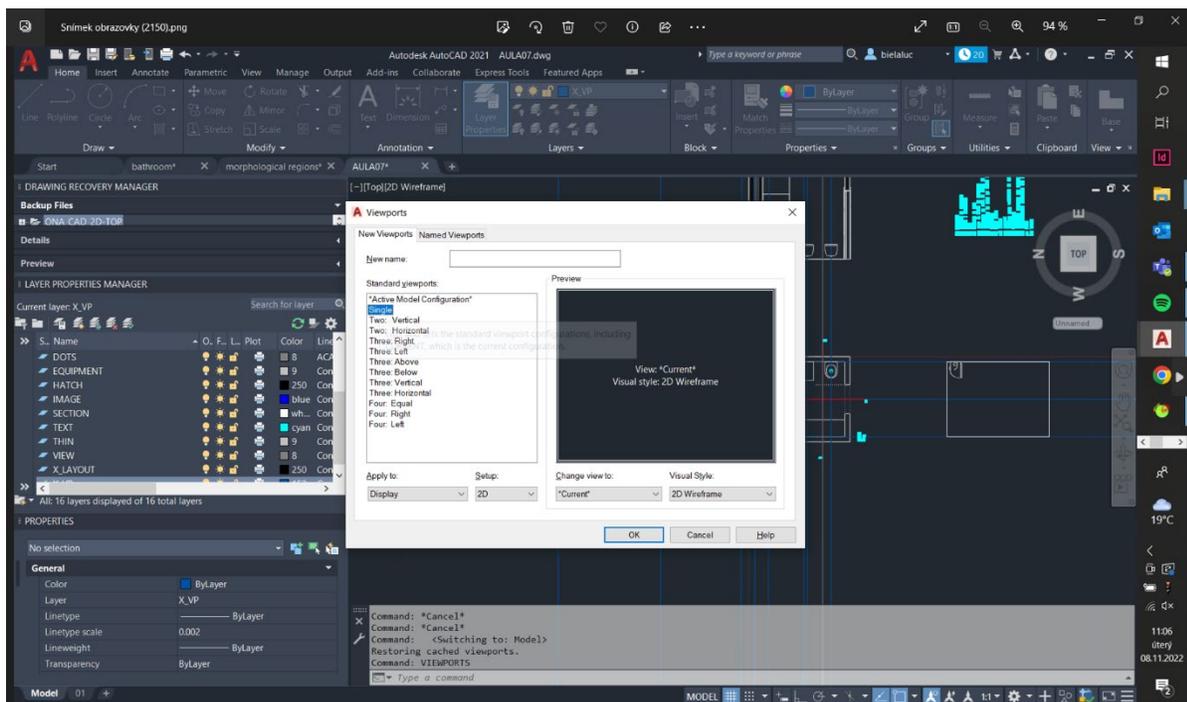
Picture 1:



Picture 2:



Picture 3:



Picture 4:

