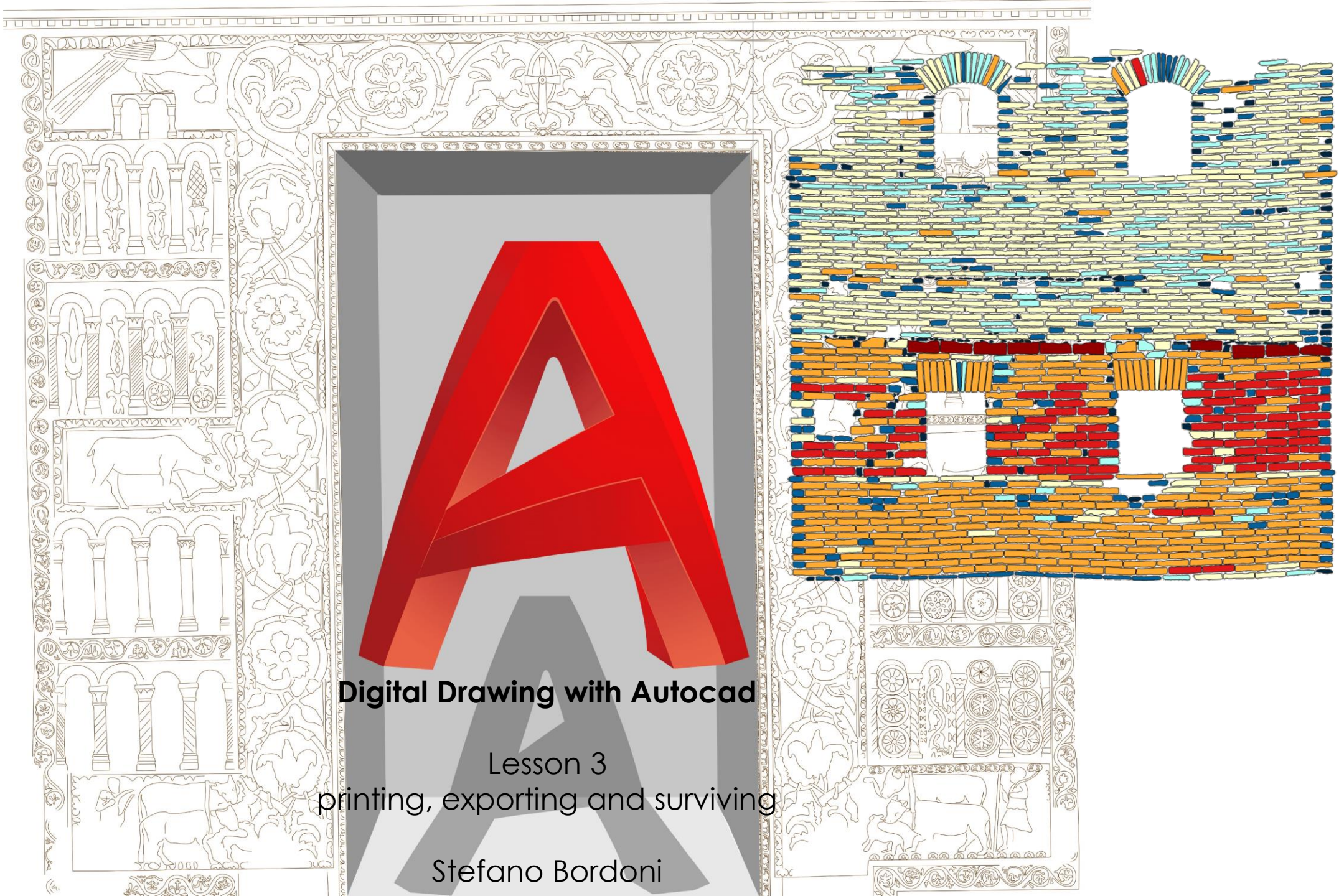


Digital Drawing with Autocad

Lesson 3
printing, exporting and surviving

Stefano Bordoni

24th October

1

- Options
- Bottom bar
- Keypad
- Drawing
- Raster imp.

31th October

2

- Modifying
- Layers
- Properties

04th November

3

- Writing
- Printing
- Exporting
- *Surviving*

07th November

4

- 3D drawing

Autodesk AutoCAD 2022 C:\Users\bordo\OneDrive\Desktop\Workshop_2022_B.dwg

Type a keyword or phrase | Sign In

Home | Insert | Annotate | Parametric | View | Manage | Output | Add-ins | Collaborate | Express Tools | Featured Apps | Text Editor

Style: AaBb123 Annotative | AaBb123 Standard | Annotative | 2.5 | Mask

Formatting: Match | Arial | ByLayer | 0

Paragraph: Justification | Bullets and Numbering | Line Spacing

Insert: Columns | Symbol | Field

Spell Check: Spell Check | Edit Dictionaries

Tools: Find & Replace

Options: More | Ruler

Close: Close Text Editor

[−][Top][2D Wireframe]

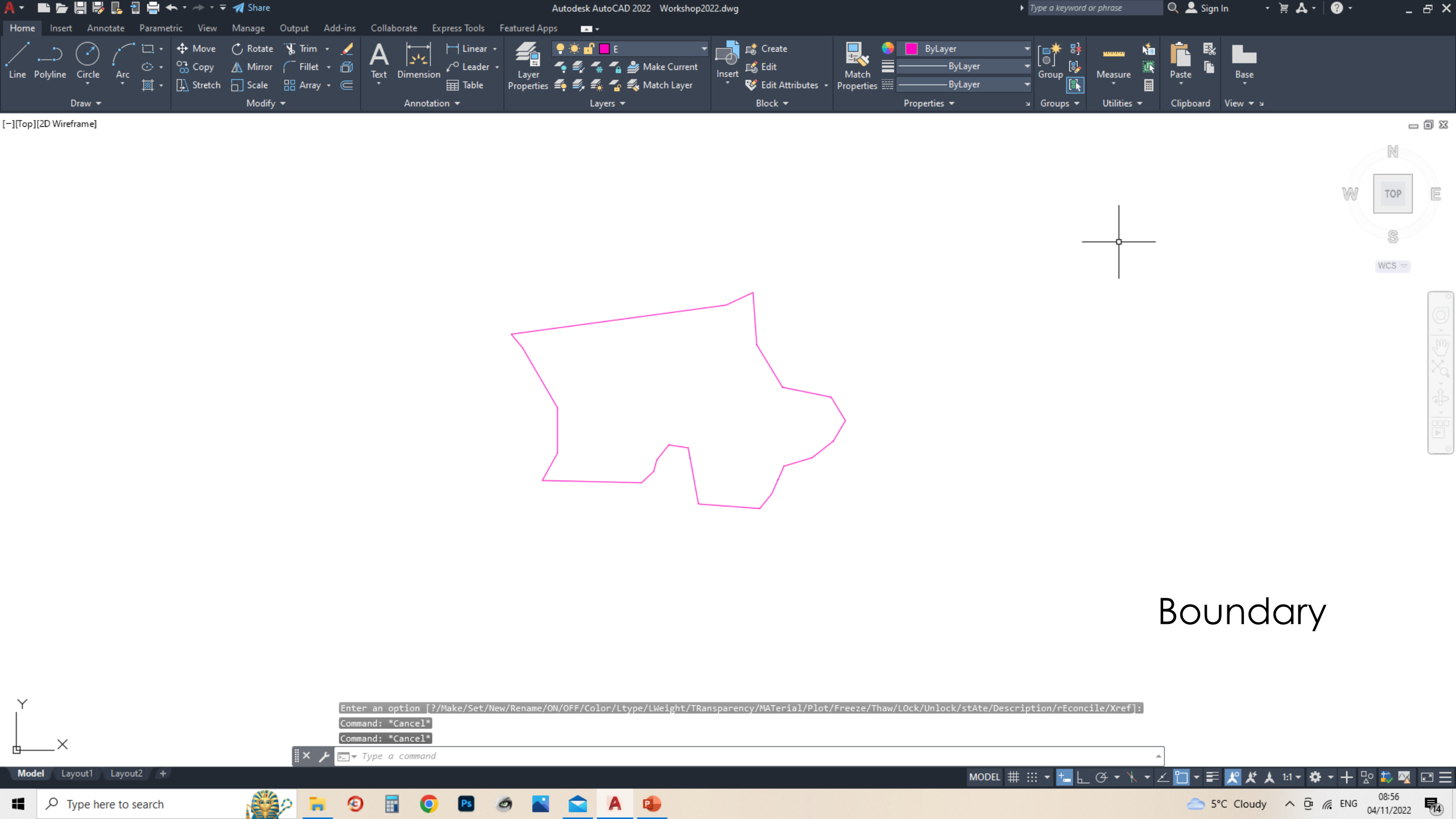
Current text style: "Standard" Text height: 2.5 Annotative: No
Specify first corner:
Specify opposite corner or [Height/Justify/Line spacing/Rotation/Style/Width/Columns]:

MTEXT

Model | Layout1 | Layout2

MODEL

11°C Mostly sunny | ENG | 13:39 04/11/2022


Autodesk AutoCAD 2022 Workshop2022.dwg
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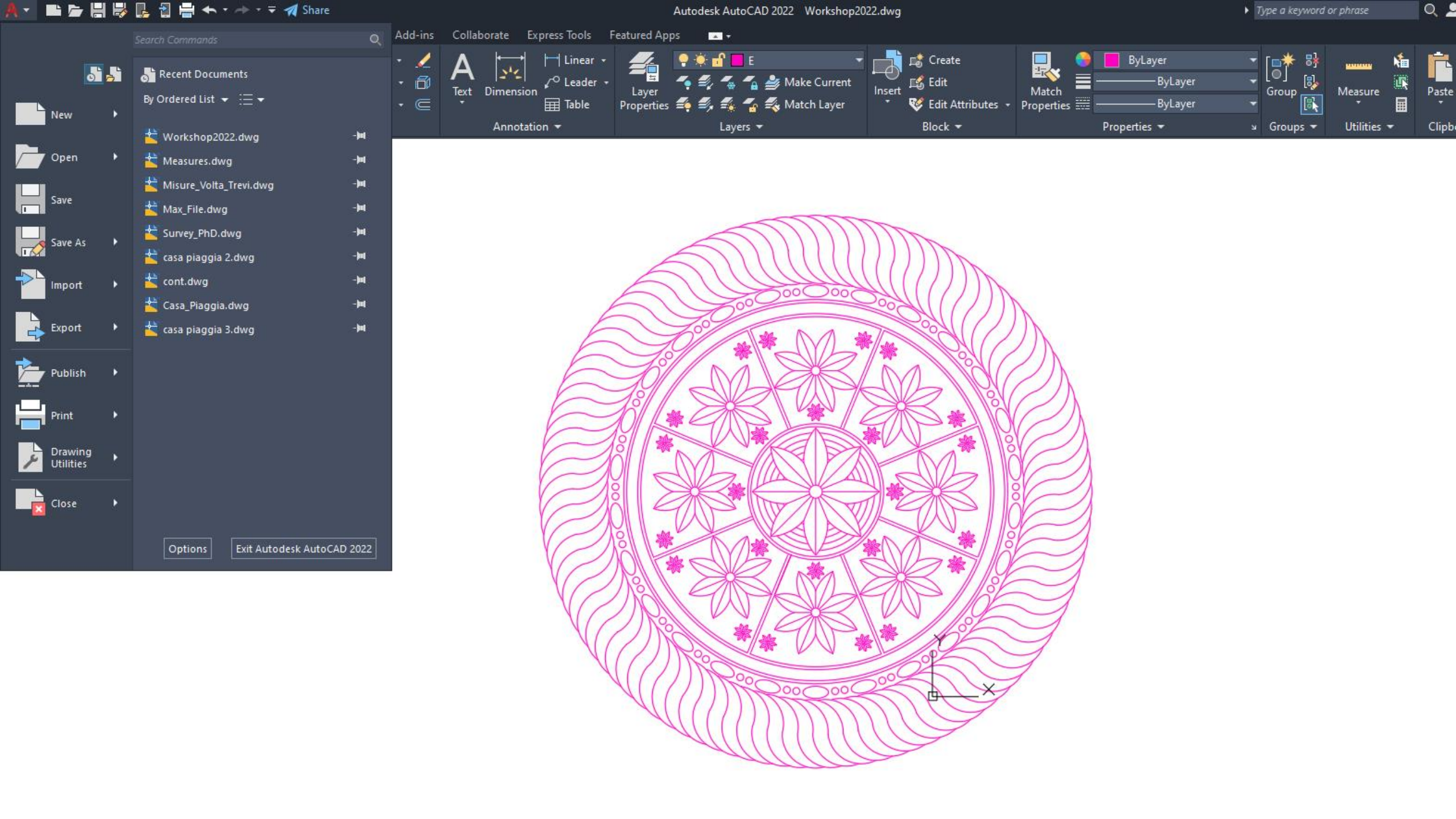
Line Polyline Circle Arc
Move Copy Stretch Rotate Mirror Scale Trim Fillet Array
Text Dimension Linear Leader Table
Layer Properties Make Current Match Layer
Insert Create Edit Edit Attributes
Match Properties ByLayer ByLayer ByLayer
Group Measure Paste Base
Draw Modify Annotation Layers Block Properties Groups Utilities Clipboard View
[−][Top][2D Wireframe]
N W TOP E S
WCS
Boundary
Enter an option [?/Make/Set/New/Rename/ON/OFF/Color/Ltype/LWeight/TRansparency/MATerial/Plot/Freeze/Thaw/LOck/Unlock/stAte/Description/rEconcile/Xref]:
Command: *Cancel*
Command: *Cancel*
Type a command
Model Layout1 Layout2
MODEL
Type here to search
5°C Cloudy
ENG
08:56
04/11/2022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New
Open
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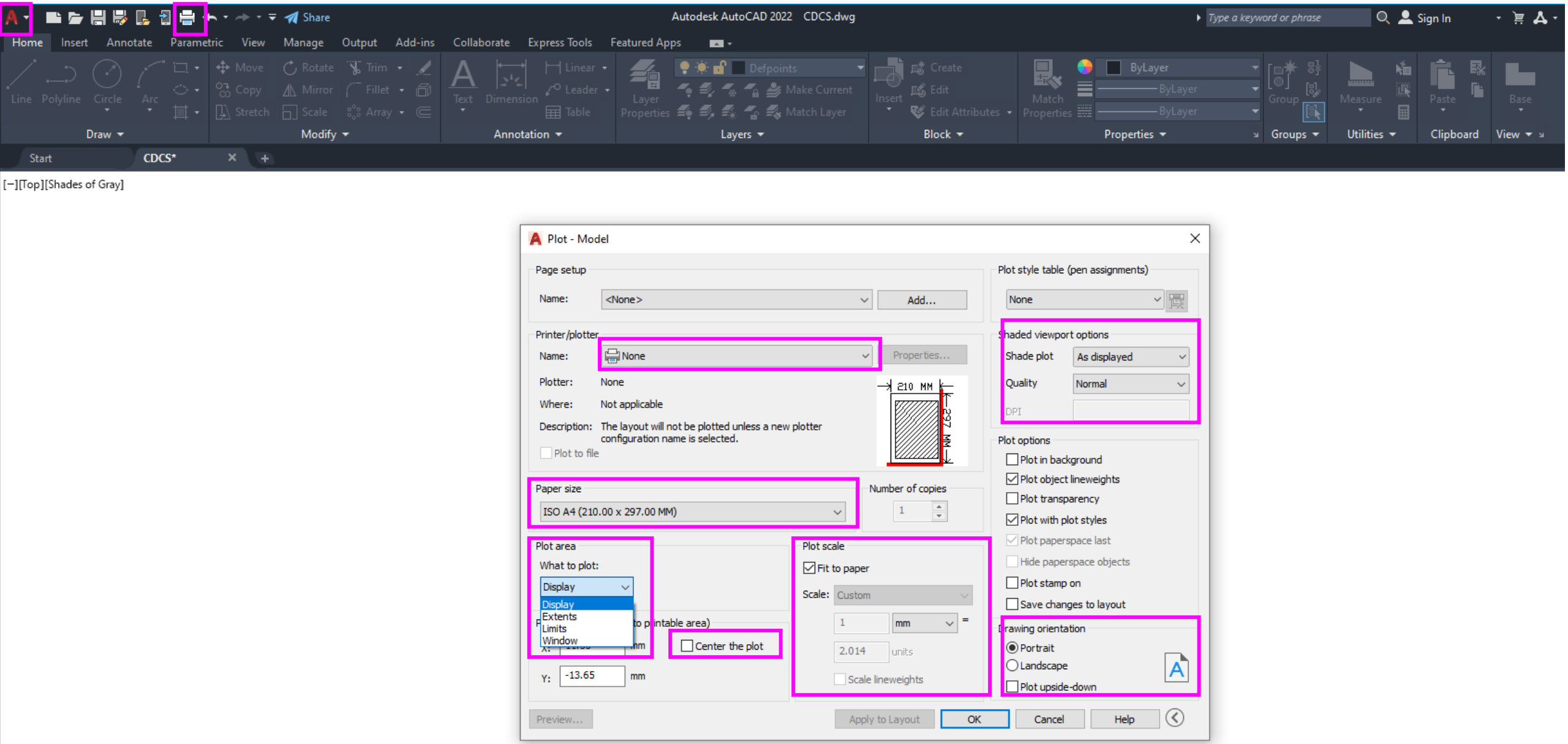
Drawing Utilities
Close
Workshop2022.dwg
Measures.dwg
Misure_Volta_Trevi.dwg
Max_File.dwg
Survey_PhD.dwg
casa piaggia 2.dwg
cont.dwg
Casa_Piaggia.dwg
casa piaggia 3.dwg
Options
Exit Autodesk AutoCAD 2022
Text
Dimension
Linear
Leader
Table
Annotation
Layer Properties
Make Current
Match Layer
Layers
Insert
Create
Edit
Edit Attributes
Block
Match Properties
ByLayer
ByLayer
ByLayer
Properties
Group
Groups
Measure
Utilities
Paste
Clipb


Autodesk AutoCAD 2022 CDCS.dwg
Share
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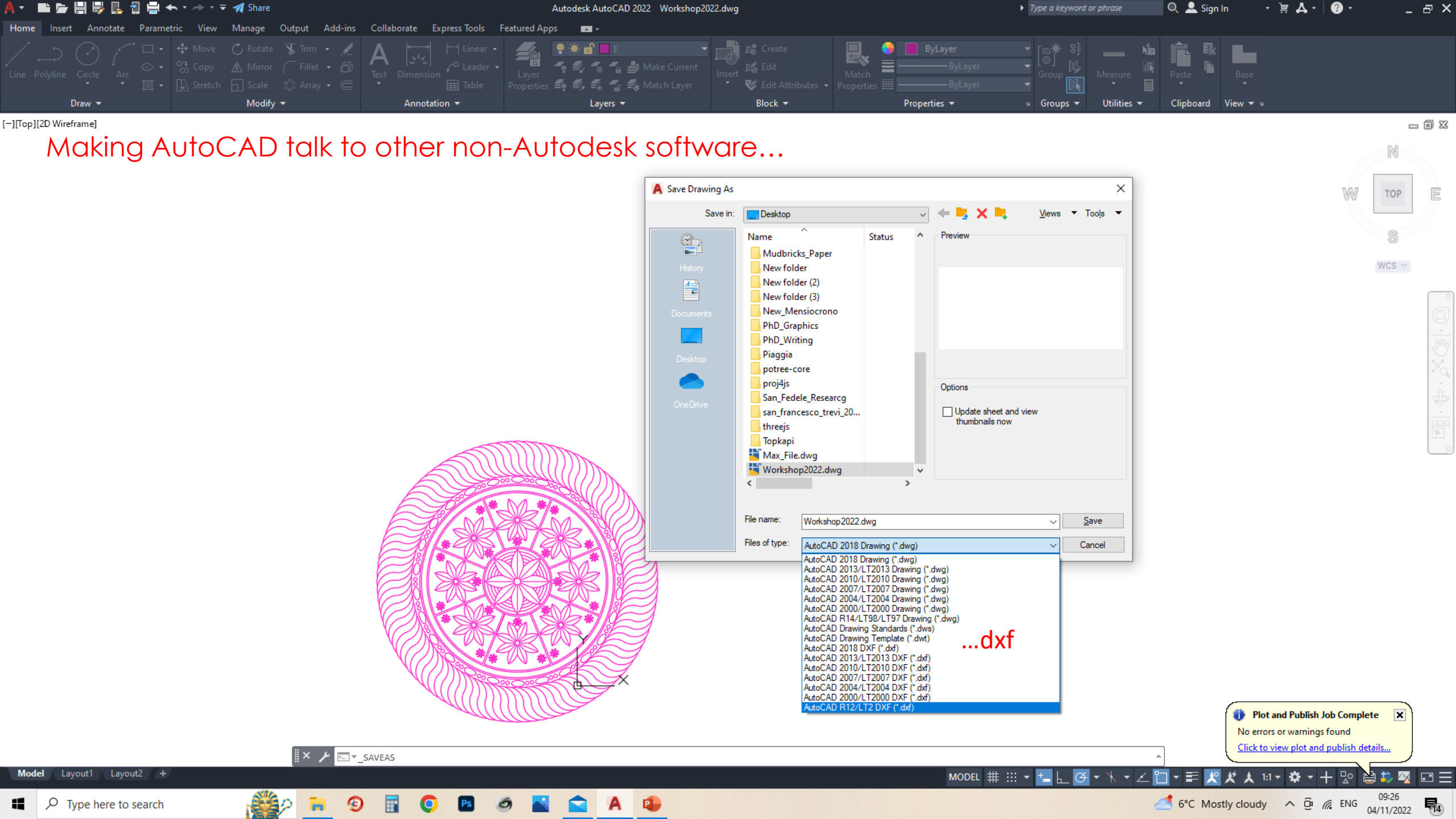
Home
Insert
Annotate
Parametric
View
Manage
Output
Add-ins
Collaborate
Express Tools
Featured Apps
Draw
Modify
Annotation
Layers
Block
Properties
Groups
Utilities
Clipboard
View
Start
CDCS*
[−][Top][Shades of Gray]
Plot - Model
Page setup
Name: <None>
Add...
Printer/plotter
Name: None
Properties...
Plotter: None
Where: Not applicable
Description: The layout will not be plotted unless a new plotter configuration name is selected.
Plot to file
210 MM
297 MM
Paper size
ISO A4 (210.00 x 297.00 MM)
Number of copies
1
Plot area
What to plot:
Display
Extents
Limits
Window
Center the plot
Y: -13.65 mm
Plot scale
Fit to paper
Scale: Custom
1 mm
2.014 units
Scale lineweights
Plot style table (pen assignments)
None
Shaded viewport options
Shade plot: As displayed
Quality: Normal
DPI
Plot options
Plot in background
Plot object lineweights
Plot transparency
Plot with plot styles
Plot paperspace last
Hide paperspace objects
Plot stamp on
Save changes to layout
Drawing orientation
Portrait
Landscape
Plot upside-down
Preview...
Apply to Layout
OK
Cancel
Help

Printing

Making AutoCAD talk to other non-Autodesk software…



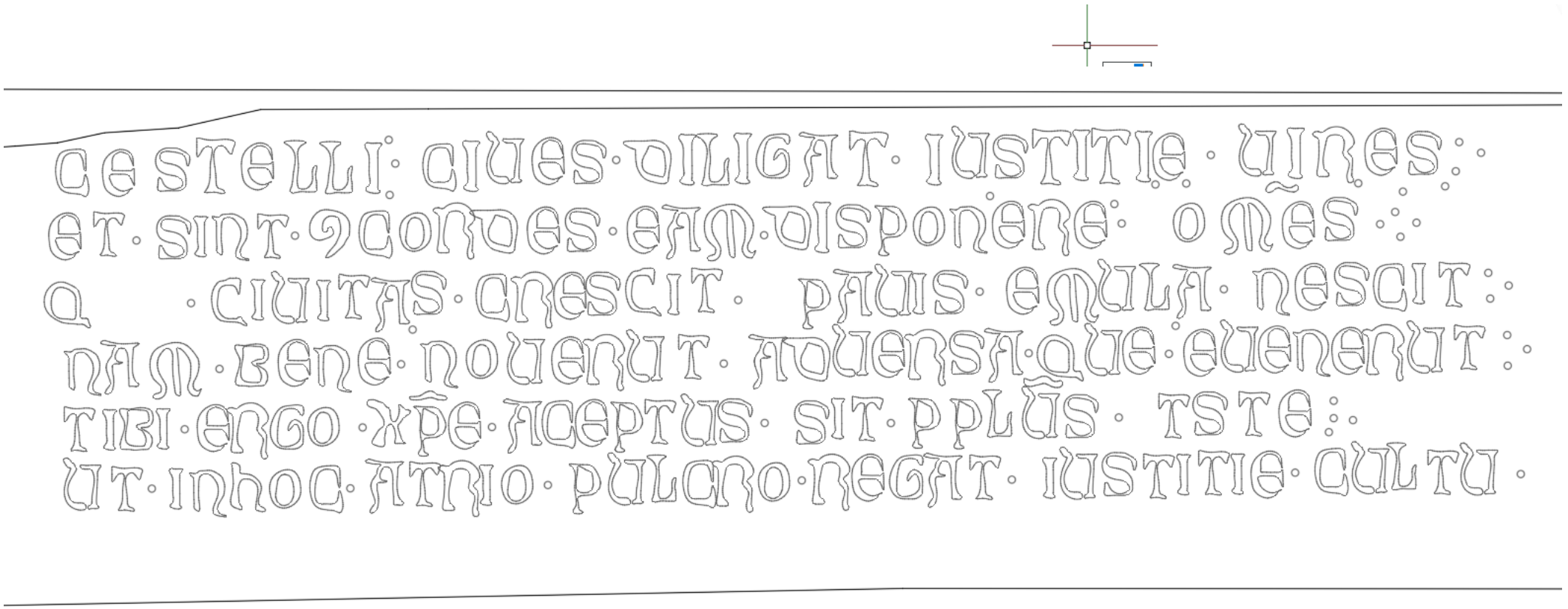
AutoCAD hates me…

Solving or preventing high frustration rates with AutoCAD

A few suggestions on how to avoid common issues in order not to suddenly end your AutoCAD life…

Other useful stuff…

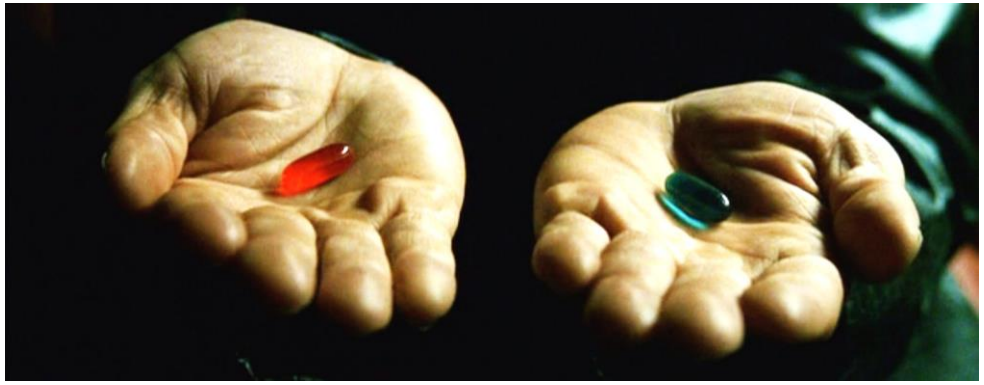
‘AutoCAD hates me and has botched my drawing off!’



Command: REGEN

Other useful stuff…

‘AutoCAD hates me and is refusing to fill my polygons!’



Option 1
You haven’t properly closed those polygons!

Always use “Close” (CL) when closing your polygons

Make use of snaps when drawing complex geometries

Option 2
Autocad has “forgotten” your polygons…

Try REGEN or REGENMODE

Try Zooming on and off

Zoom as close as you can to the geometry while visualising it all on the screen

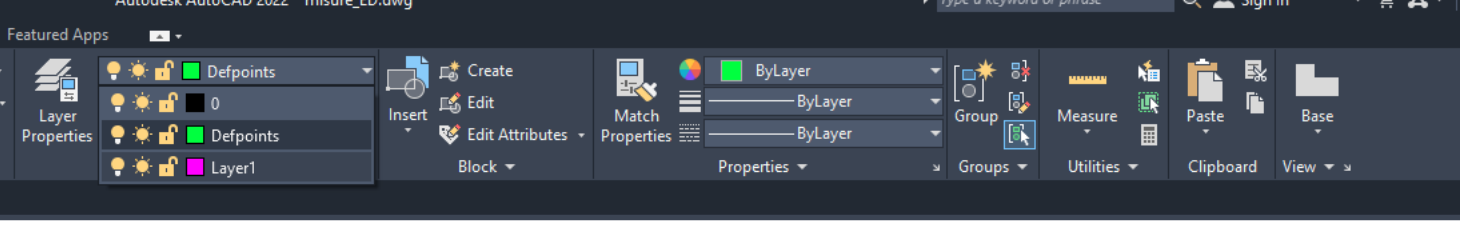
GAME OVER?

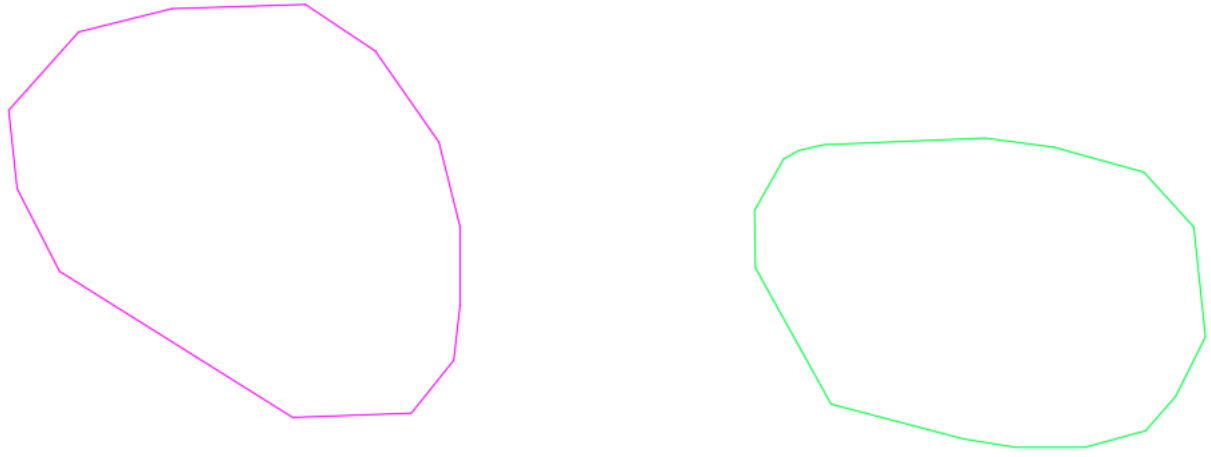
Other useful stuff…

‘AutoCAD hates me and is refusing to load my raster!’

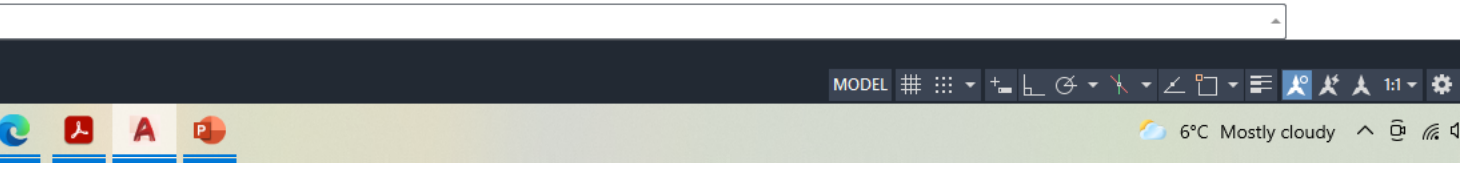
Option 1 (it always works)

Rename the raster file and try again…



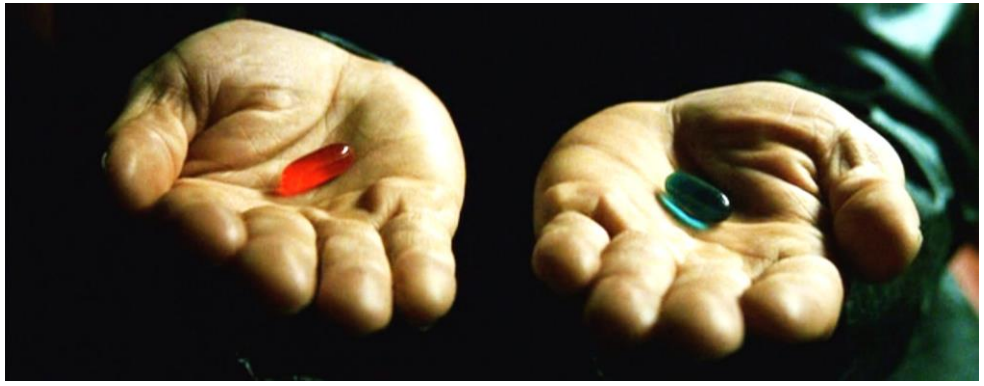


"AutoCAD hates me and has messed my drawing up!!!"



Other useful stuff…

"AutoCAD hates me and doesn't load my raster anymore!'



You have moved or deleted the raster file, which file path is no longer valid…

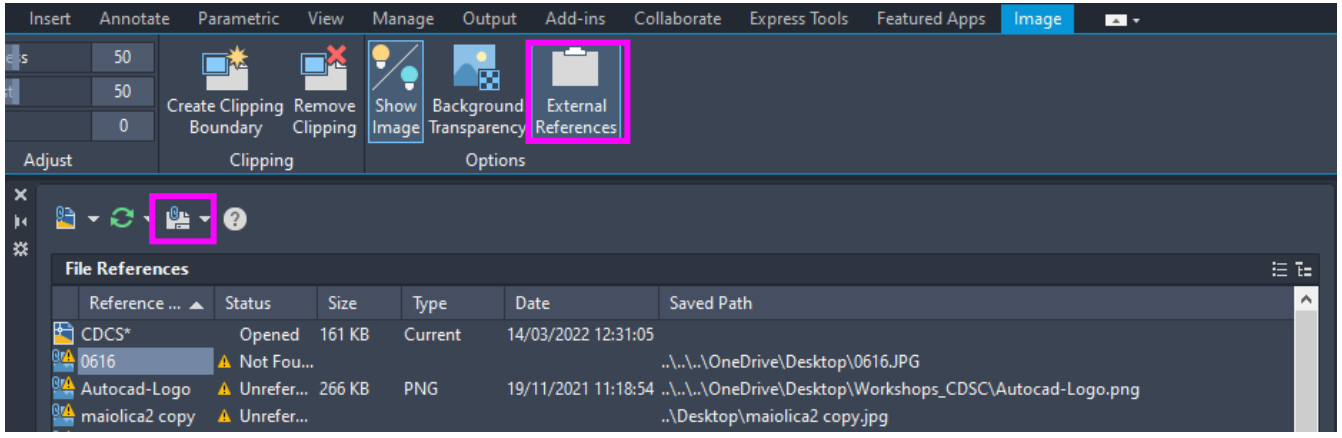
Option 1

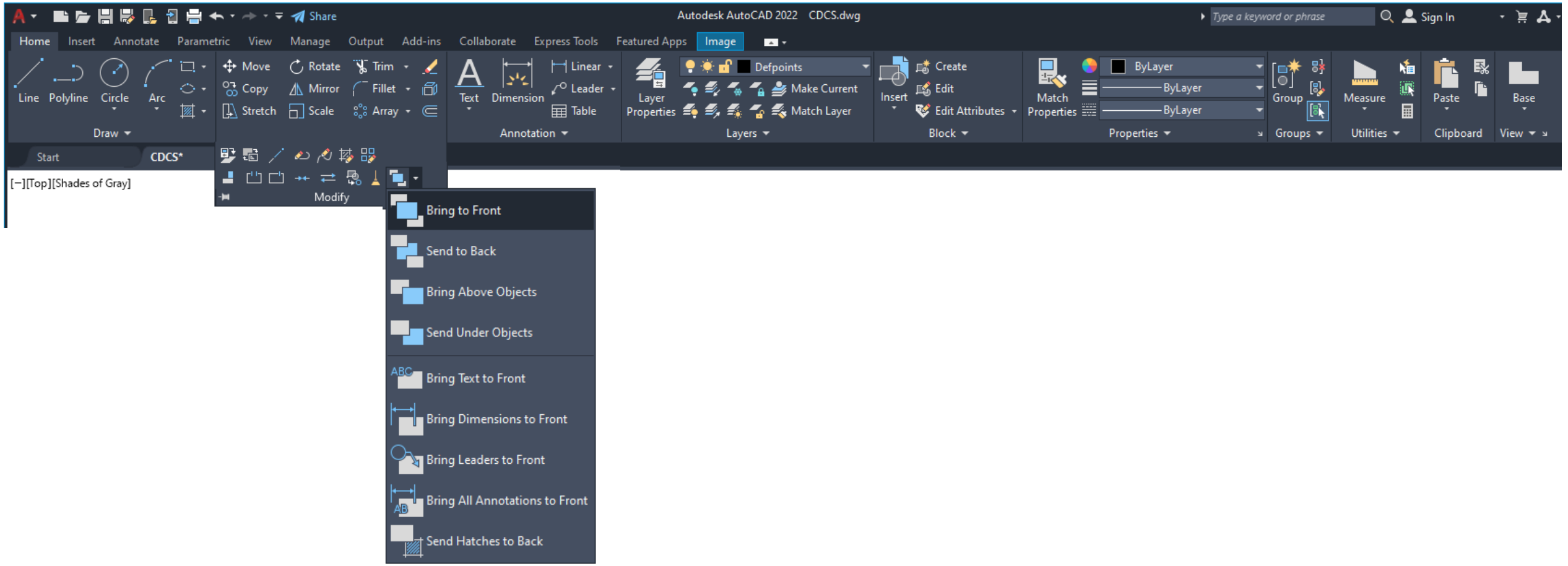
Move it back to the original position, then close the software and open it again.

Option 2

Single click on the picture frame > Image options

External references > Change path > Select new path



Other useful stuff…

‘AutoCAD hates me and has deleted my drawing!!!’