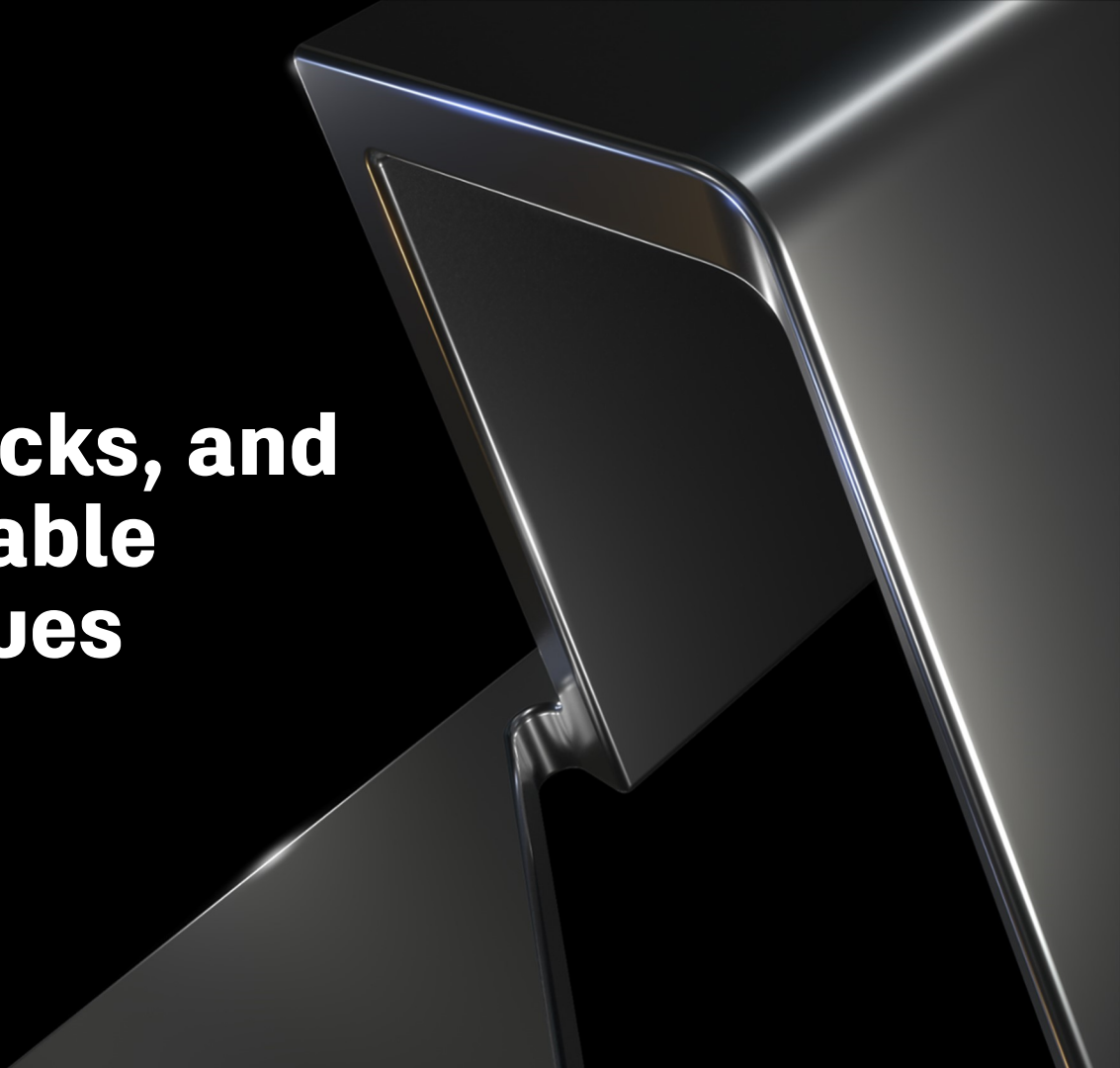


# AutoCAD Tips, Tricks, and the Most Dependable Drafting Techniques

**Donnie Gladfelter**

Design Technology Manager, Timmons Group  
TheCADGeek.com | @TheCADGeek



# **Class Expectations**

## **Not Every Tip Will Apply to You**

From architecture, to civil engineering, facilities management, and more, we have a diverse audience from many different industry backgrounds. Although many tips will cross industry lines, not every tip is one size fits all.

## **Not Every Tip Will Be New to You**

You've found many ways to be more productive in your job. Some of those ways will undoubtedly overlap with the material of this class. While not every tip will be new-to-you, my hope is to share a new perspective that helps you further refine your approach, or at least validate your approach.

## **You Have Experiences Different From My Own**

My primary purpose is to share some of the ways I've learned to more efficiently use AutoCAD. In that time, I've learned a lot about AutoCAD, but I also have plenty to learn.

# Interactive Handout

Access the interactive handout for this class  
featuring in-depth instruction, videos, animations, and more at

[\*\*https://thecadgeek.com/au/au-2021/au-2021-autocad-tips-tricks\*\*](https://thecadgeek.com/au/au-2021/au-2021-autocad-tips-tricks)

# Donnie Gladfelter

@TheCADGeek

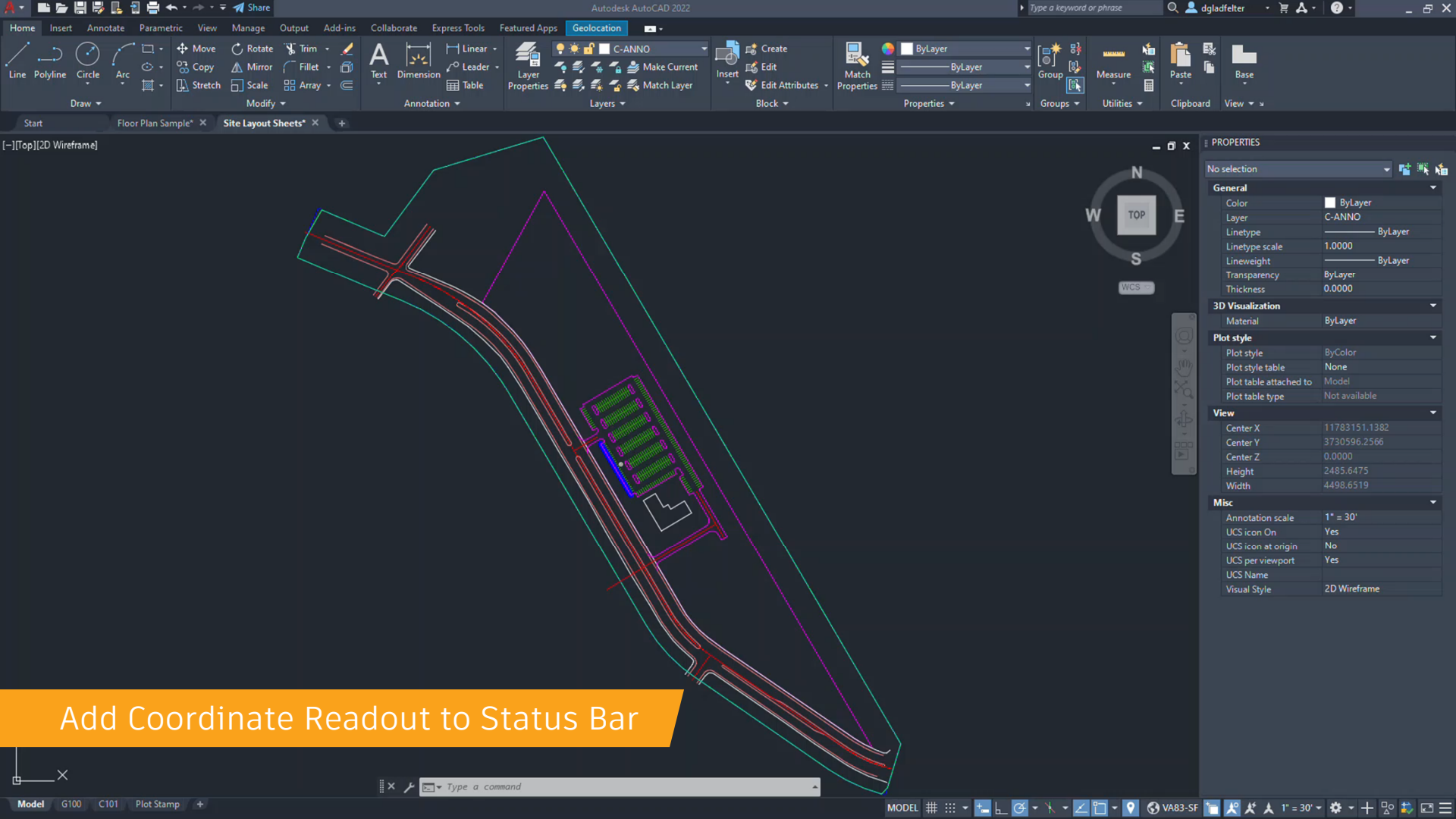
- Design Technology Manager at Timmons Group
- Founder of TheCADGeek.com blog
- Author of six Autodesk Official Press books
- Contributing Author to Official AutoCAD Blog
- Autodesk University Speaker since 2007
- Autodesk Certified Instructor
- Autodesk Expert Elite member







**Customization**



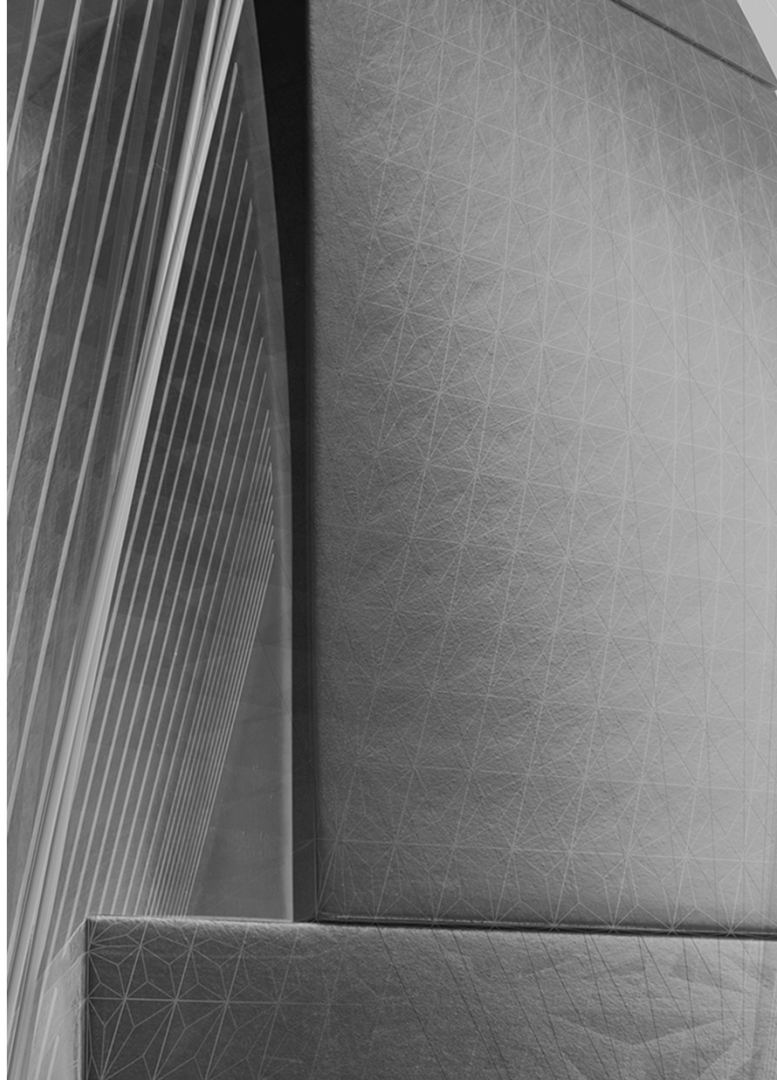
Add Coordinate Readout to Status Bar

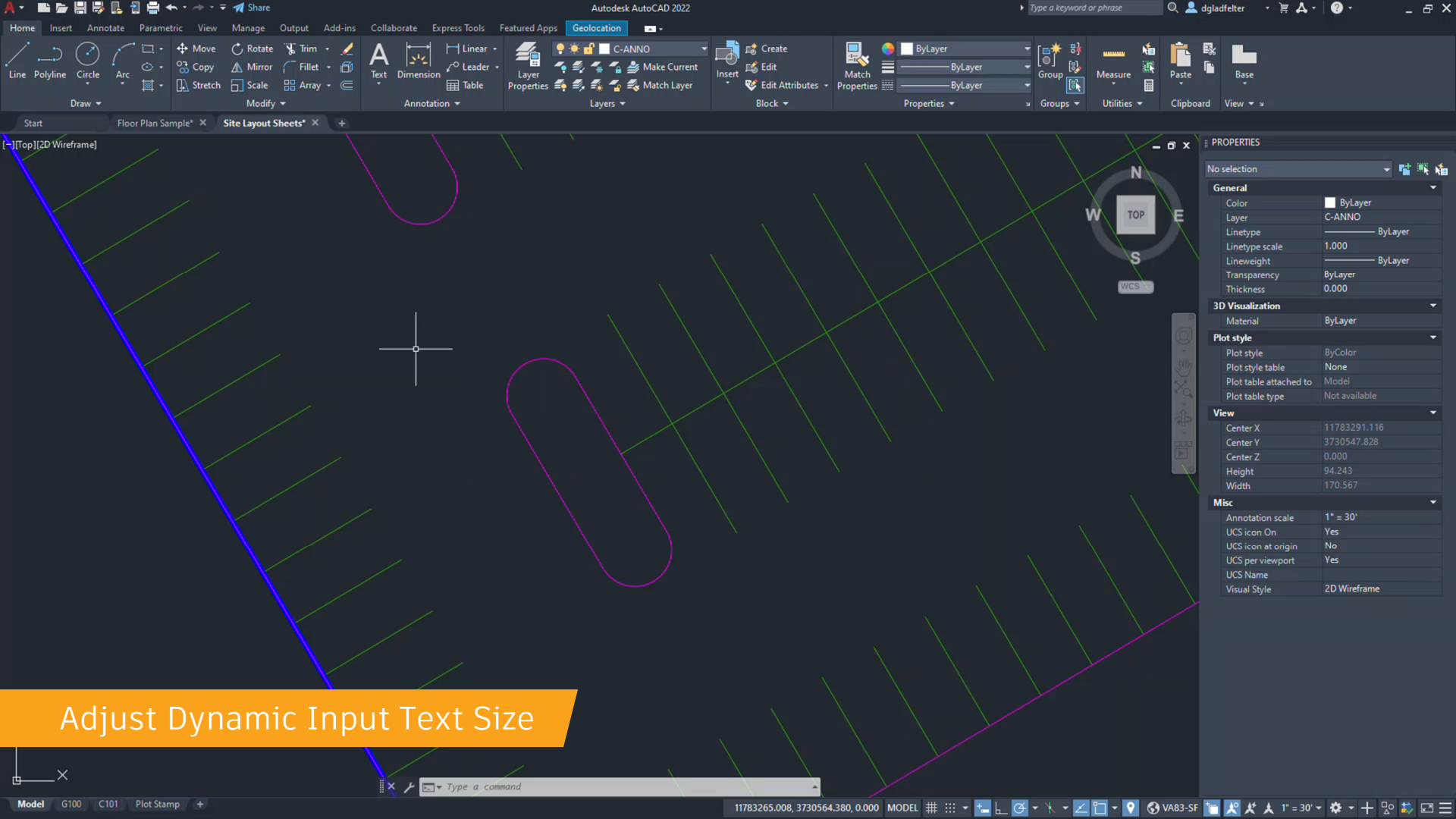
# Adjust Dynamic Input Text Size

Customization

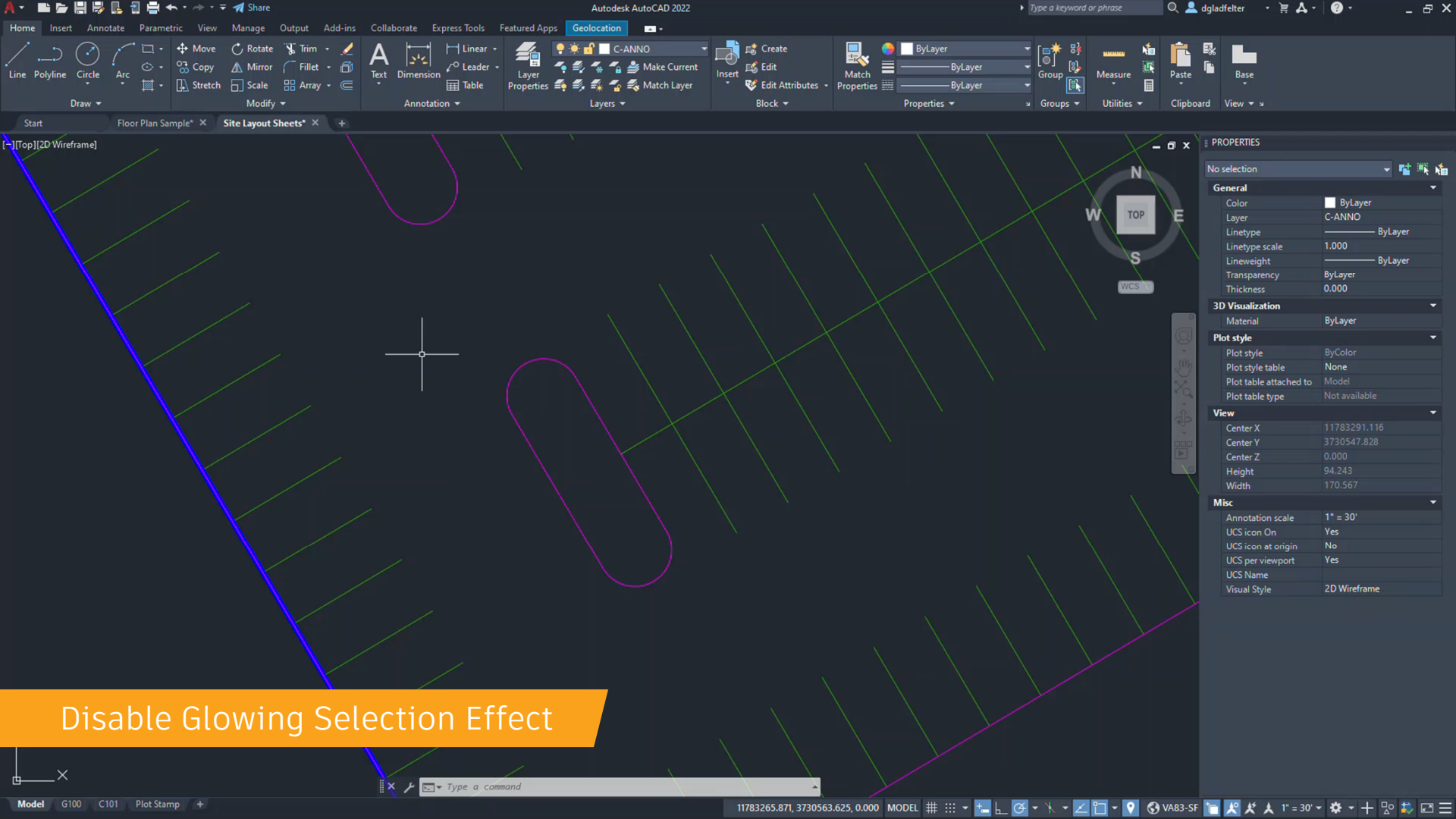
**Use `TOOLTIPSIZ` variable to increase/decrease size of Dynamic Input text.**

Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

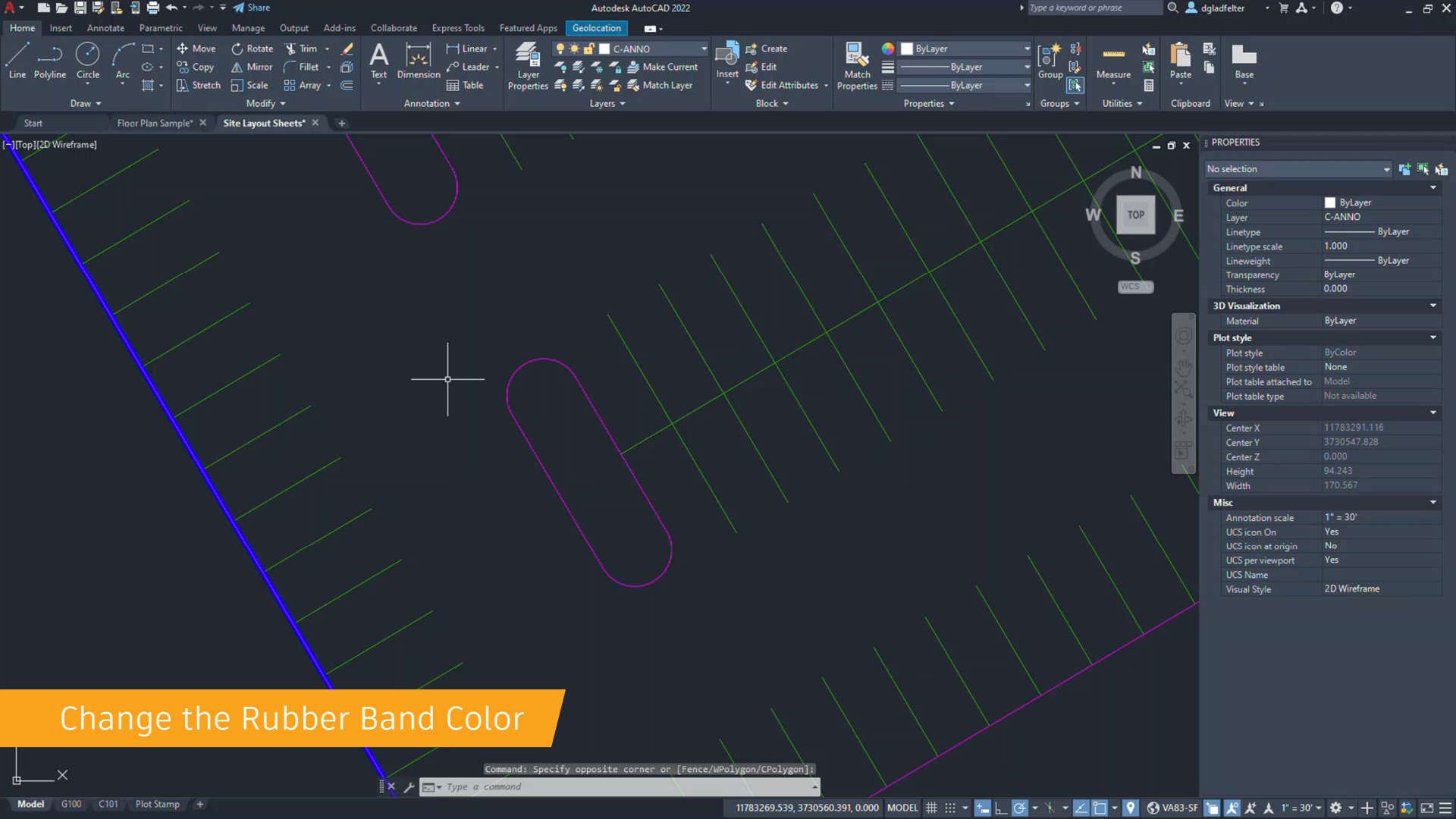




Adjust Dynamic Input Text Size



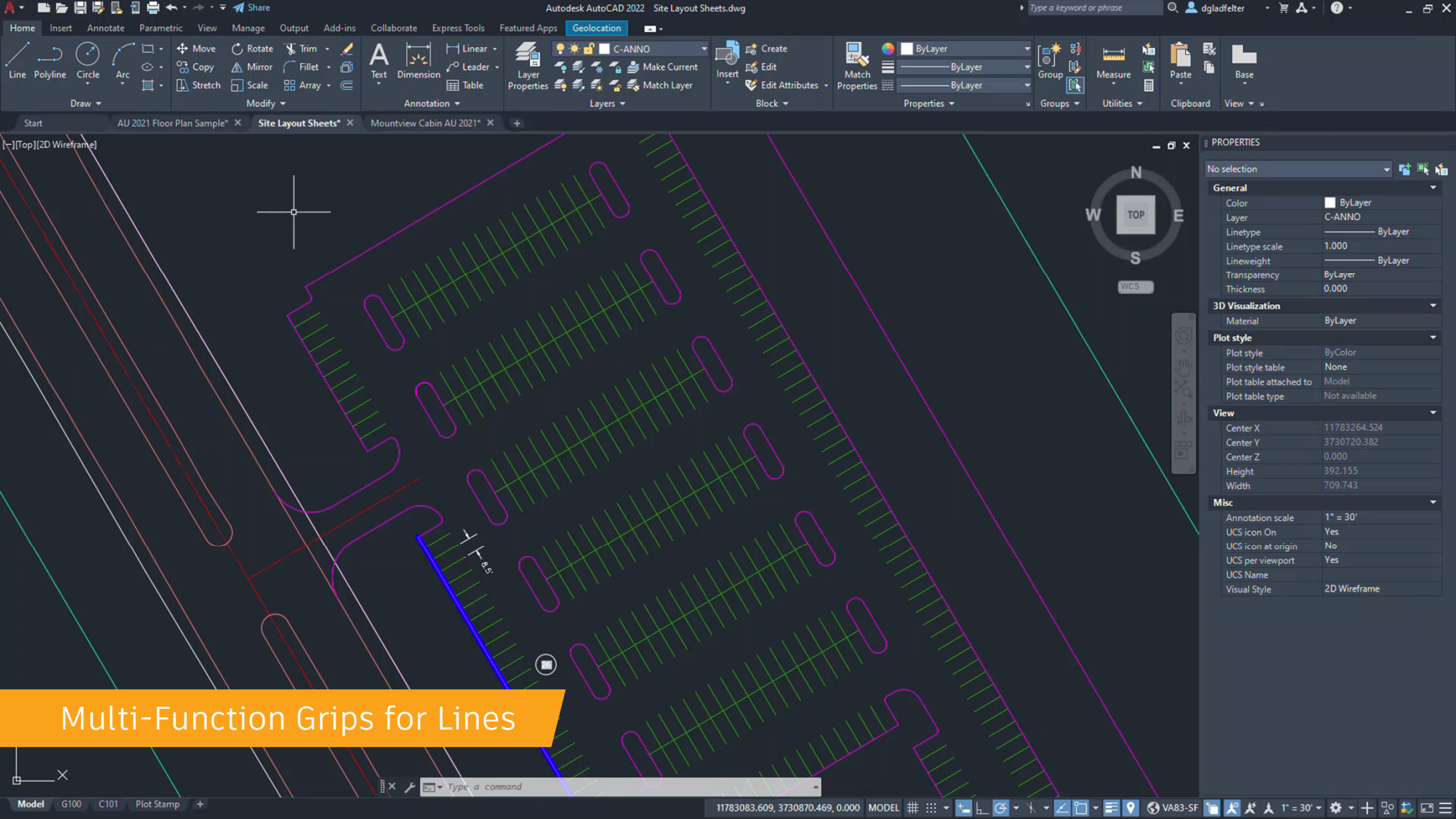
Disable Glowing Selection Effect



Change the Rubber Band Color

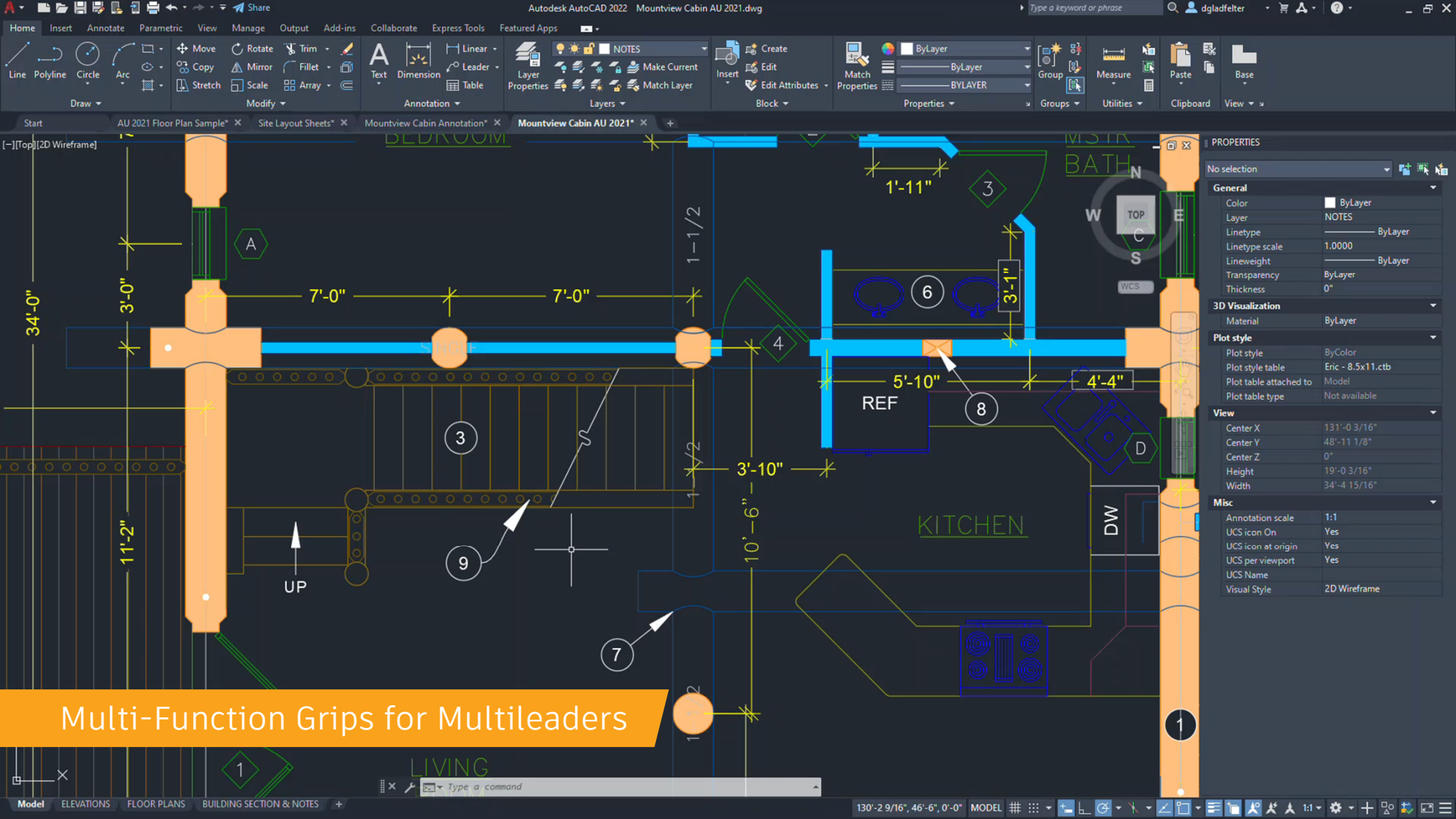
**Get a Grip**



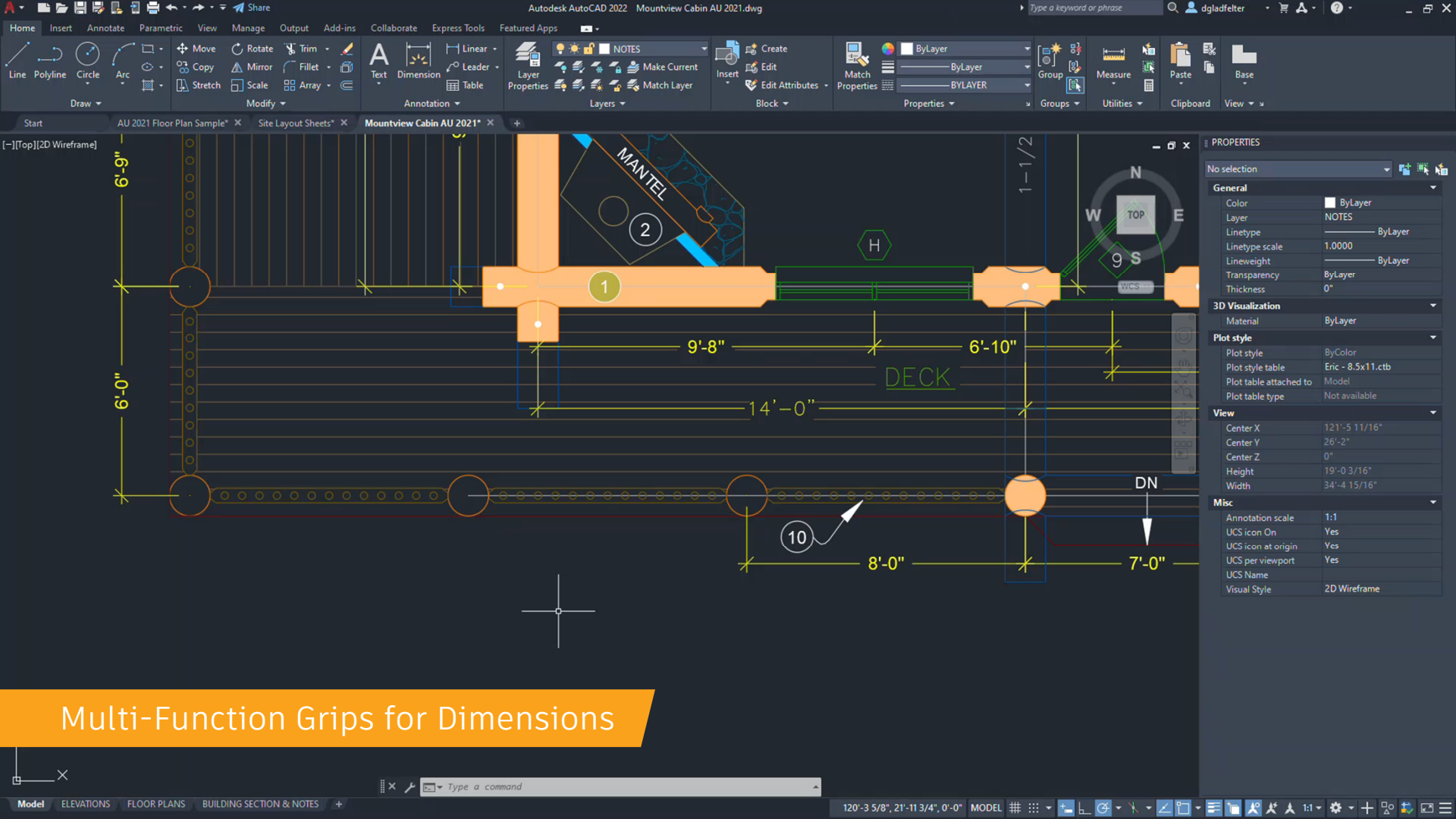


Multi-Function Grips for Lines

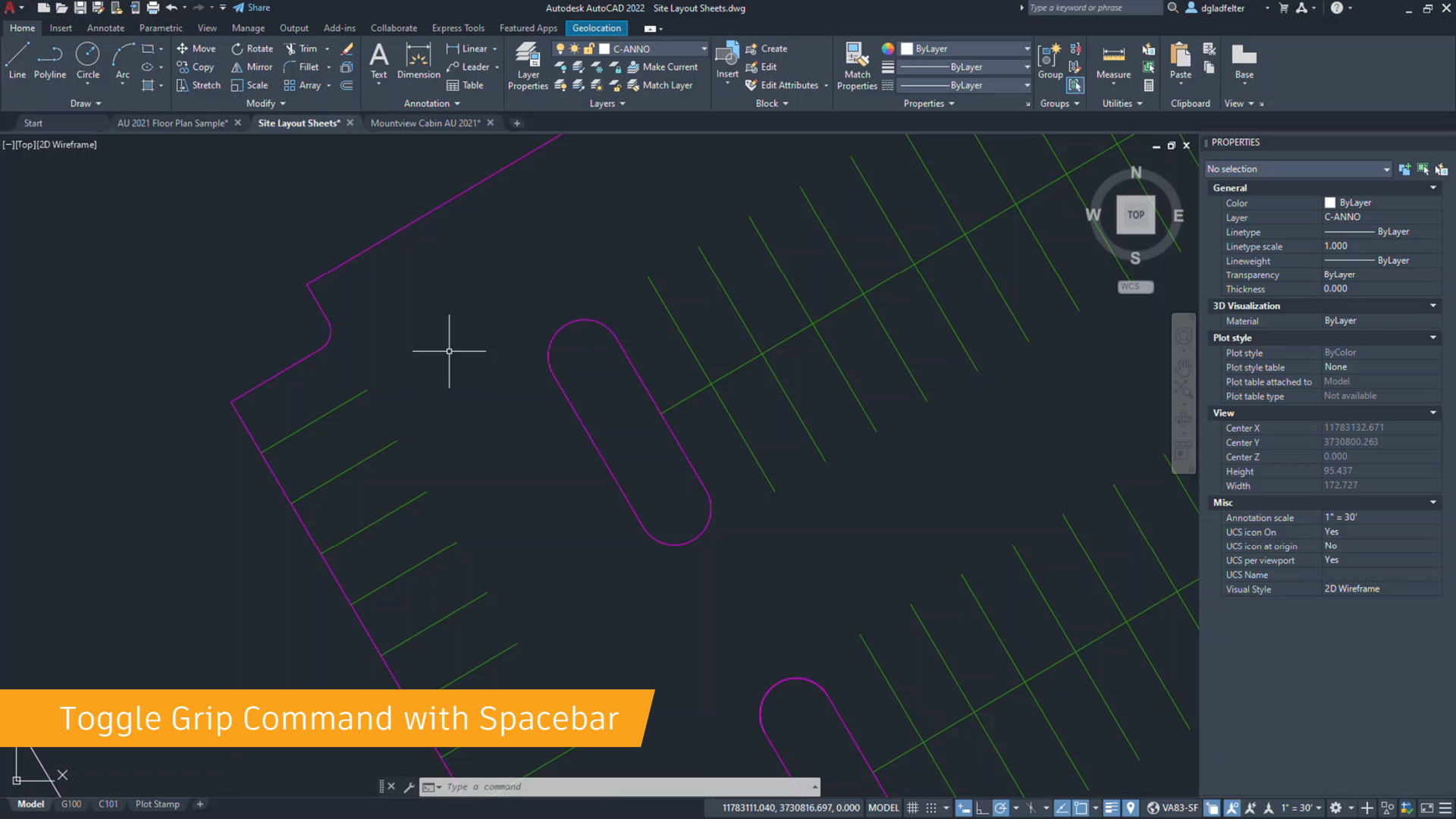




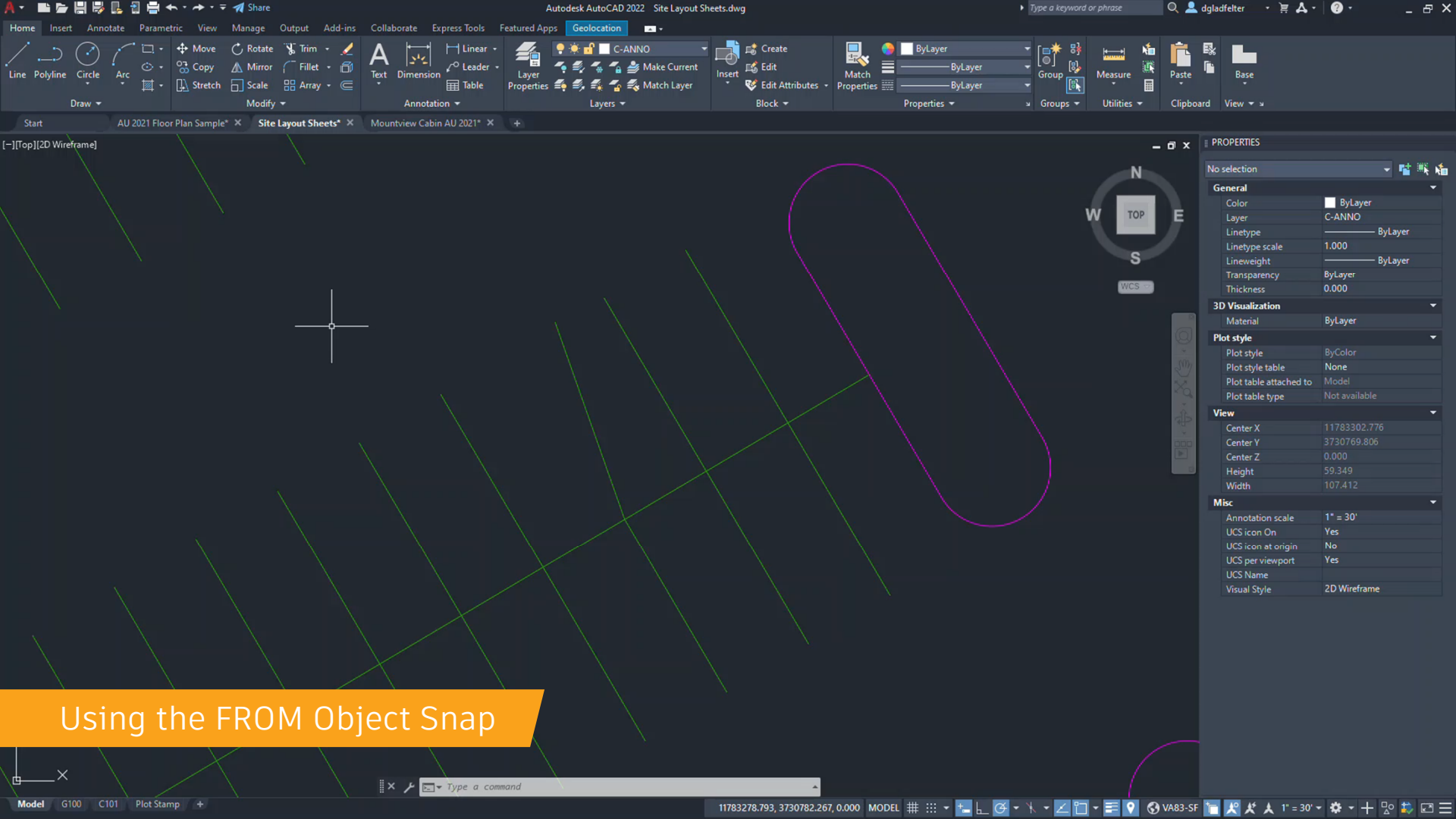
Multi-Function Grips for Multileaders



Multi-Function Grips for Dimensions

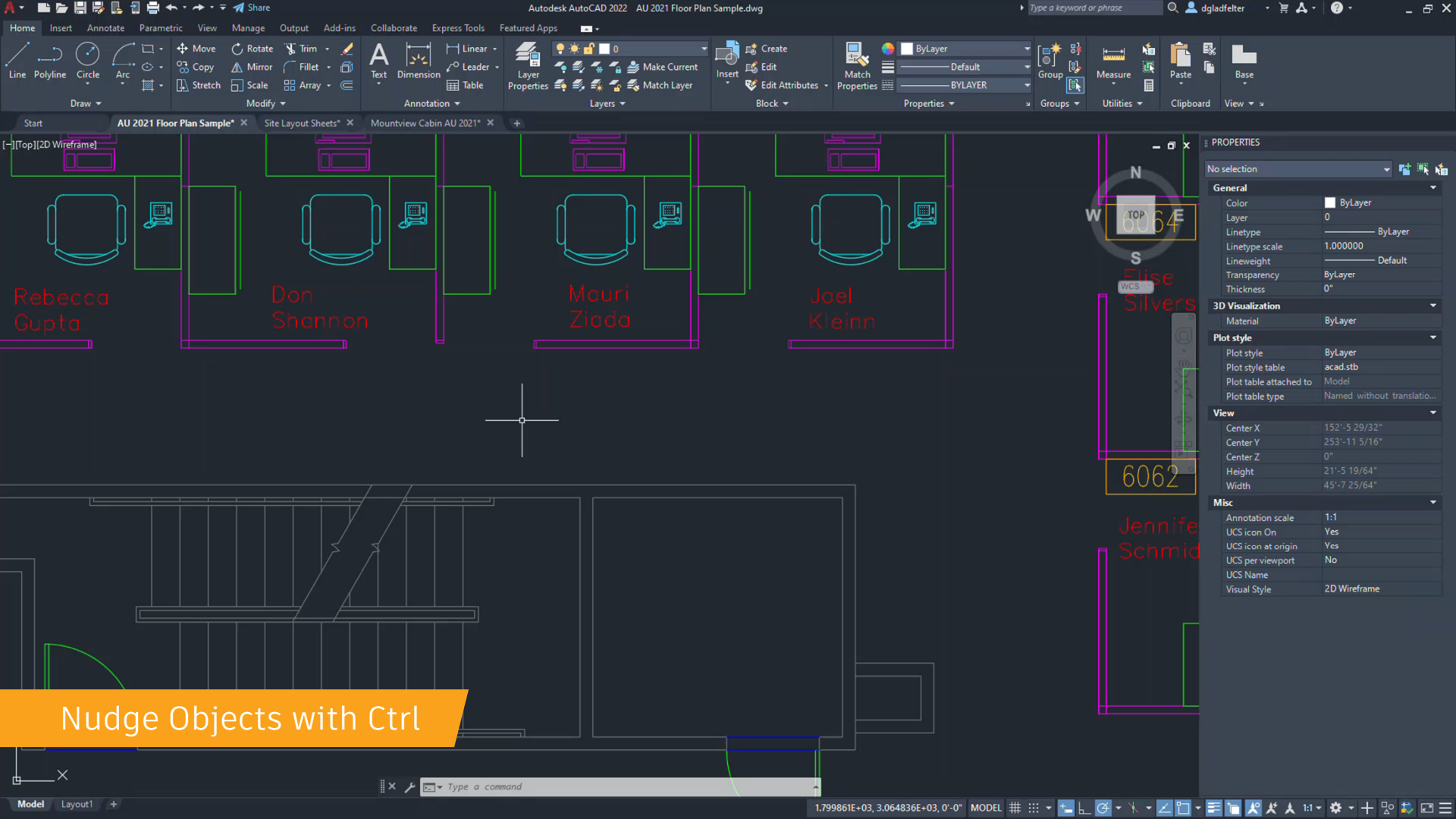


Toggle Grip Command with Spacebar



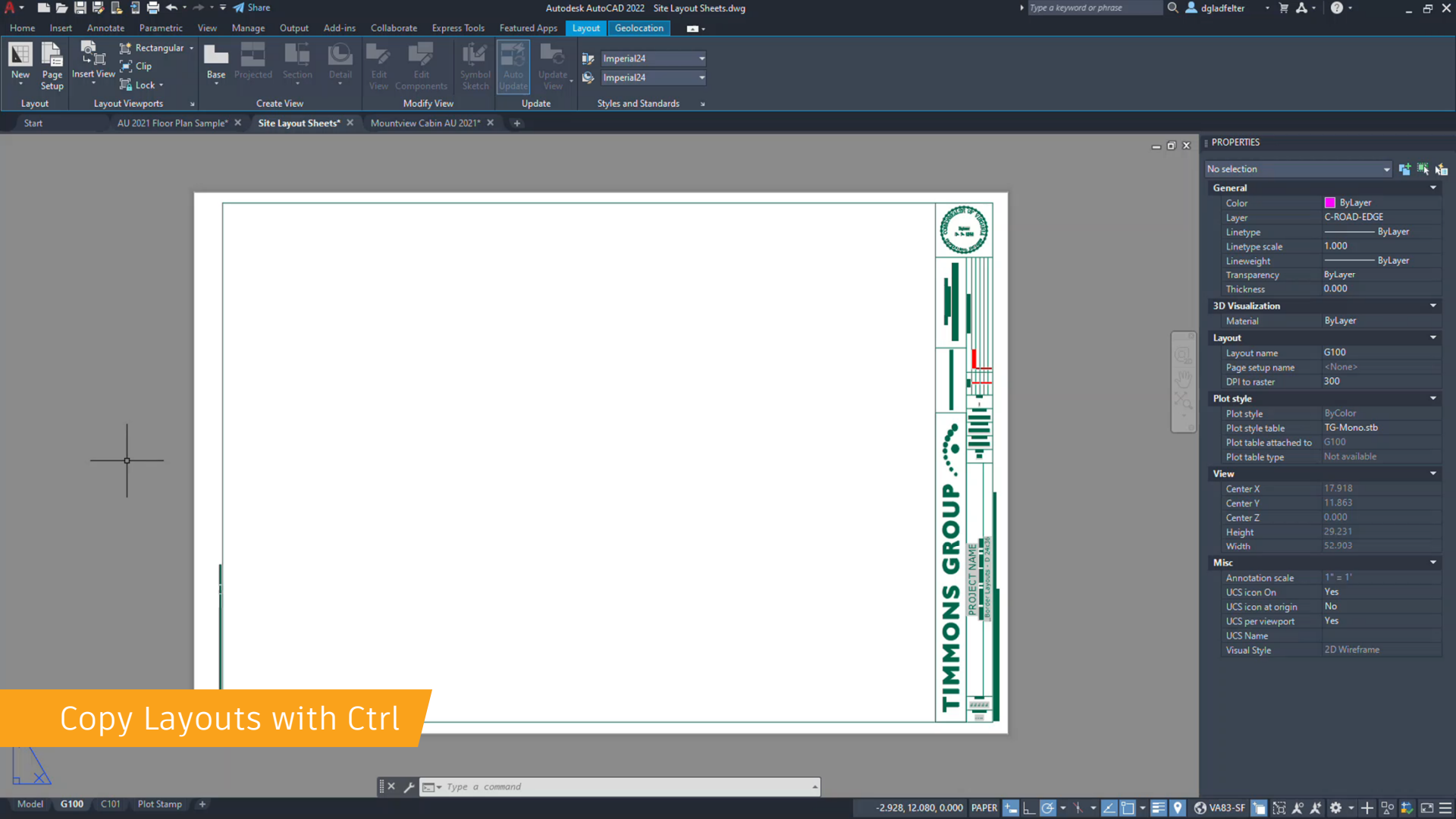
Using the FROM Object Snap

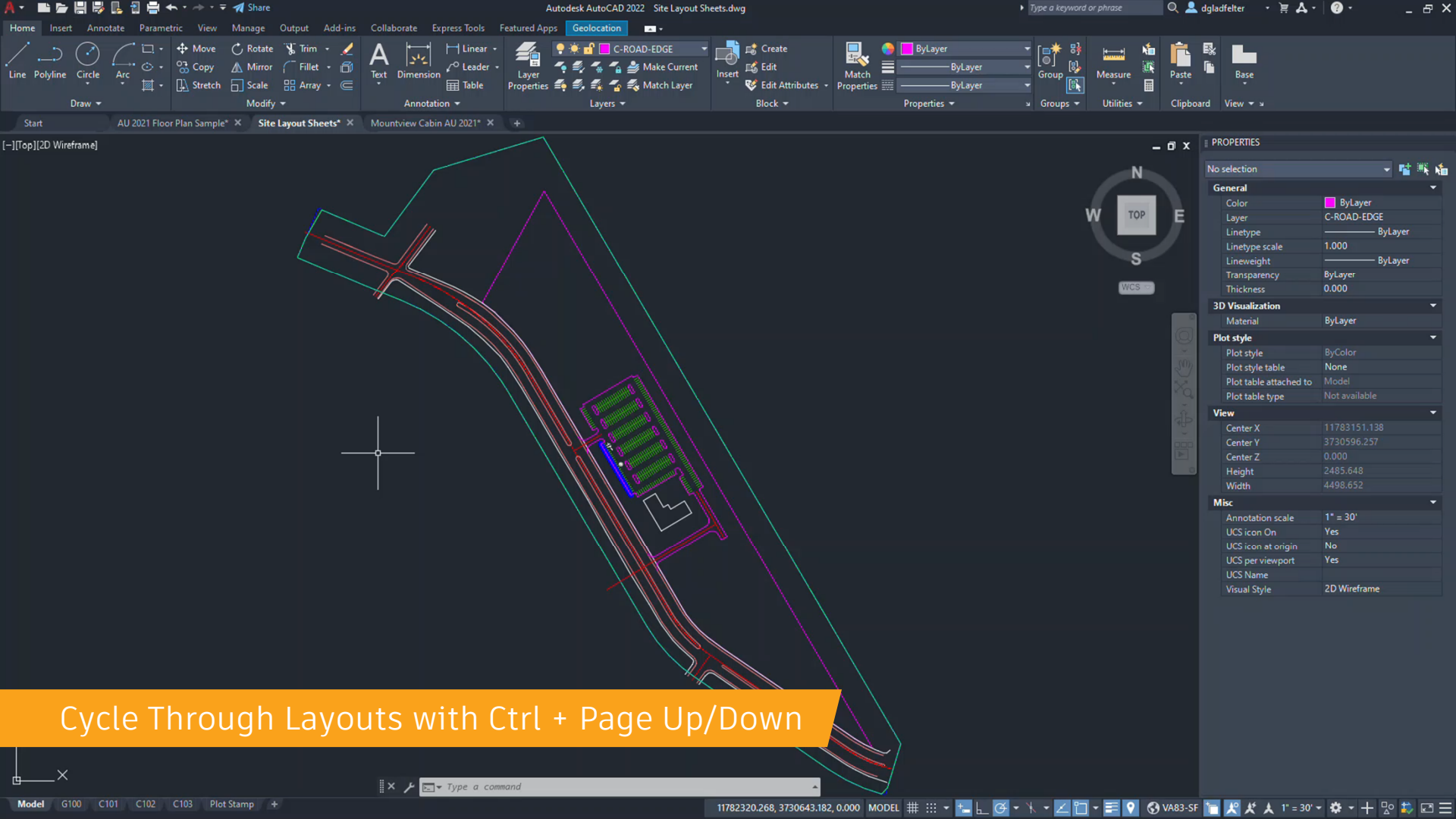
# Getting **Ctrl** of AutoCAD



Nudge Objects with Ctrl

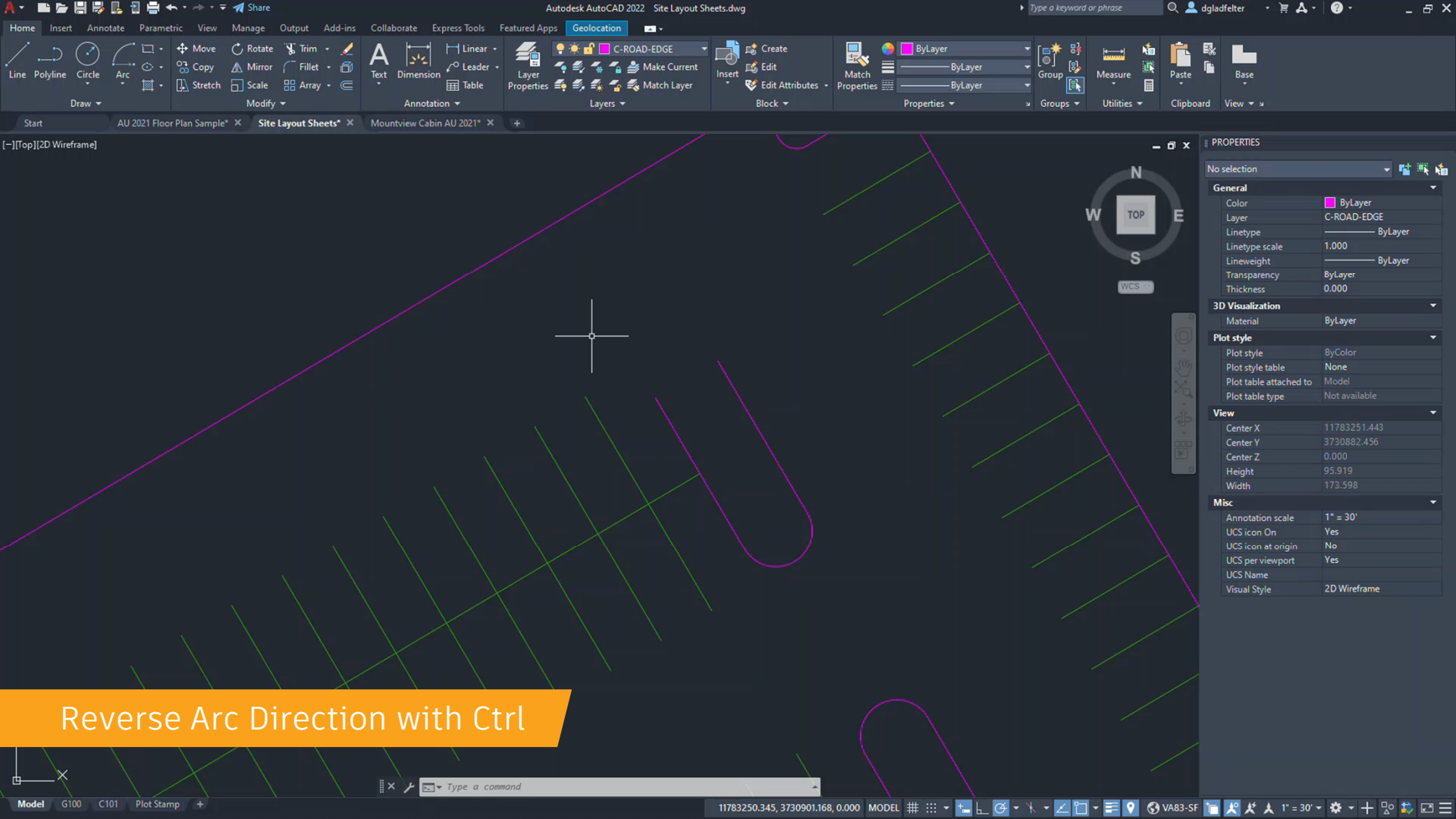




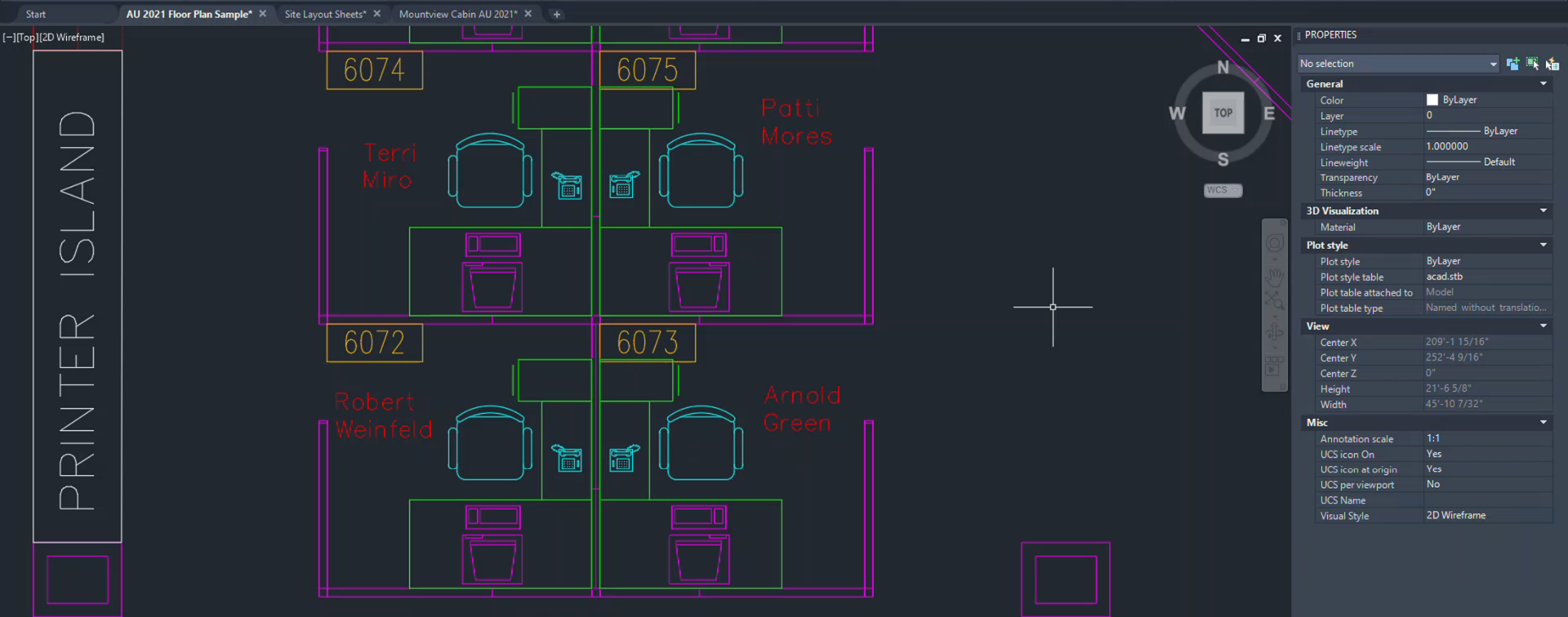
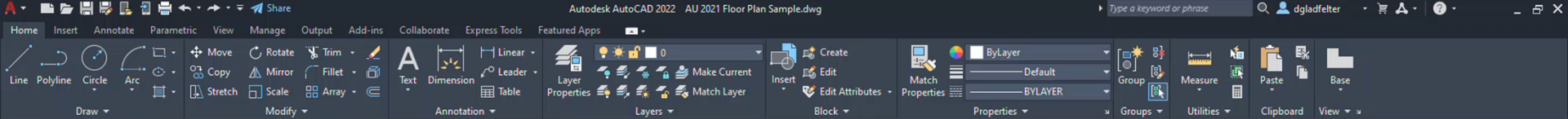


Cycle Through Layouts with Ctrl + Page Up/Down

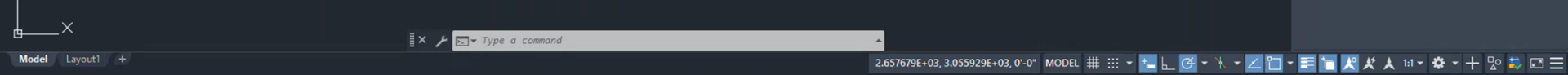




Reverse Arc Direction with Ctrl



Change Text Case with Ctrl + Shift + U/L

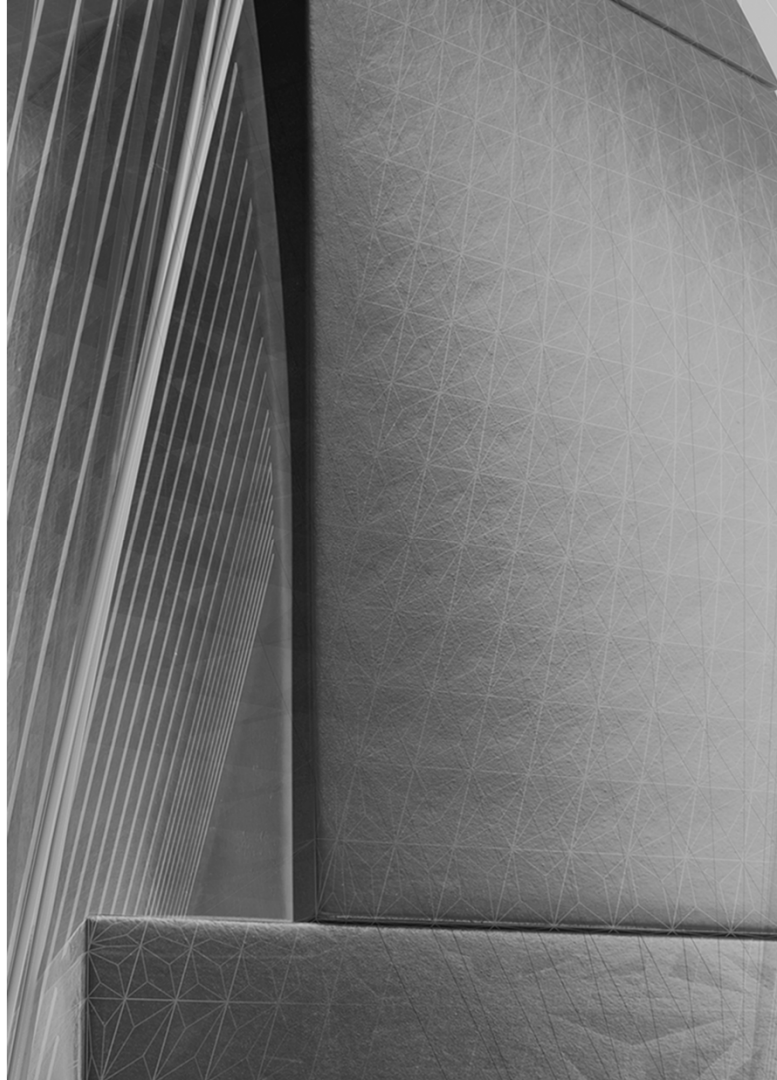


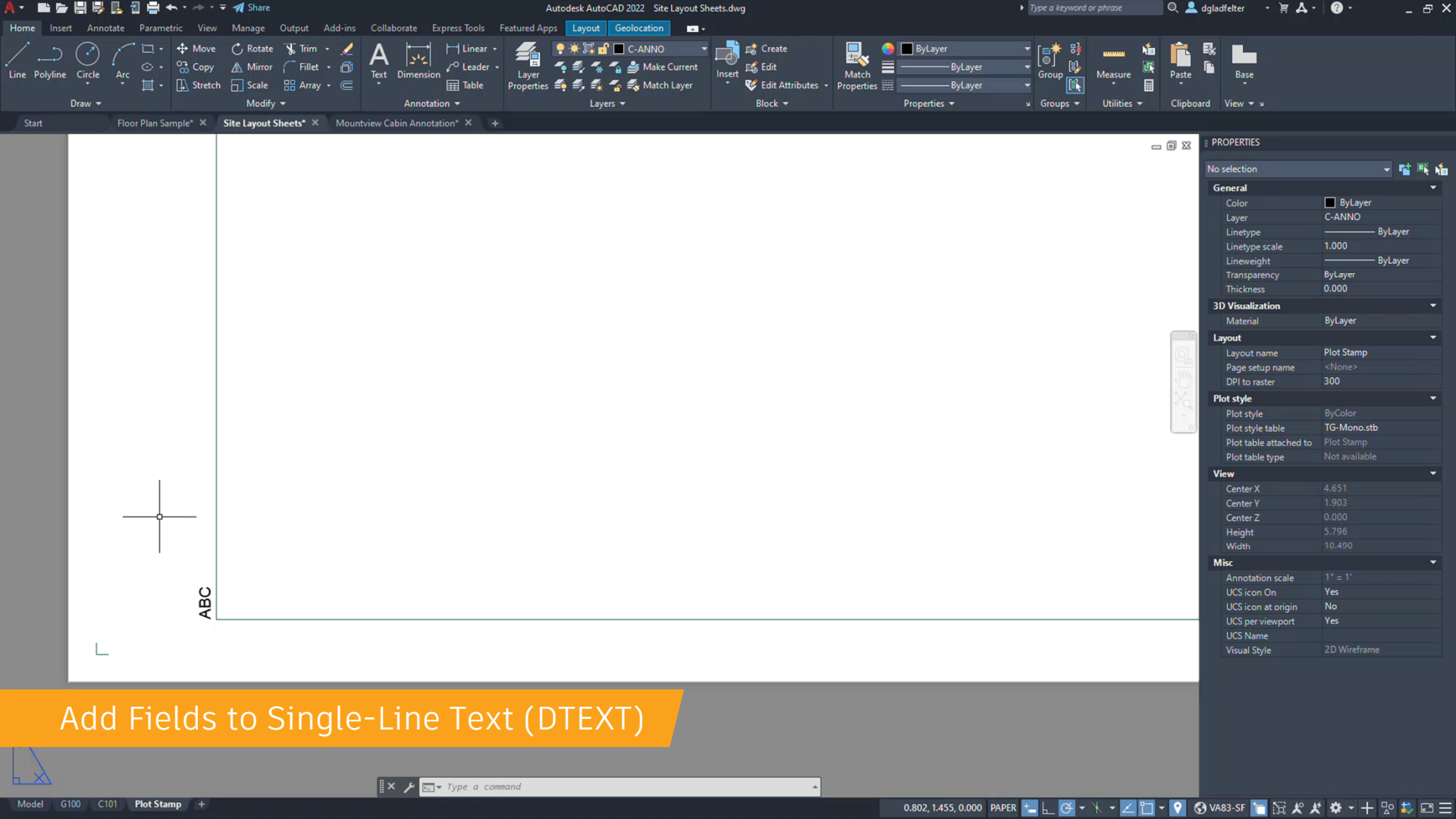
# Playing the **Field**

# Add Fields to DTEXT with Ctrl+F

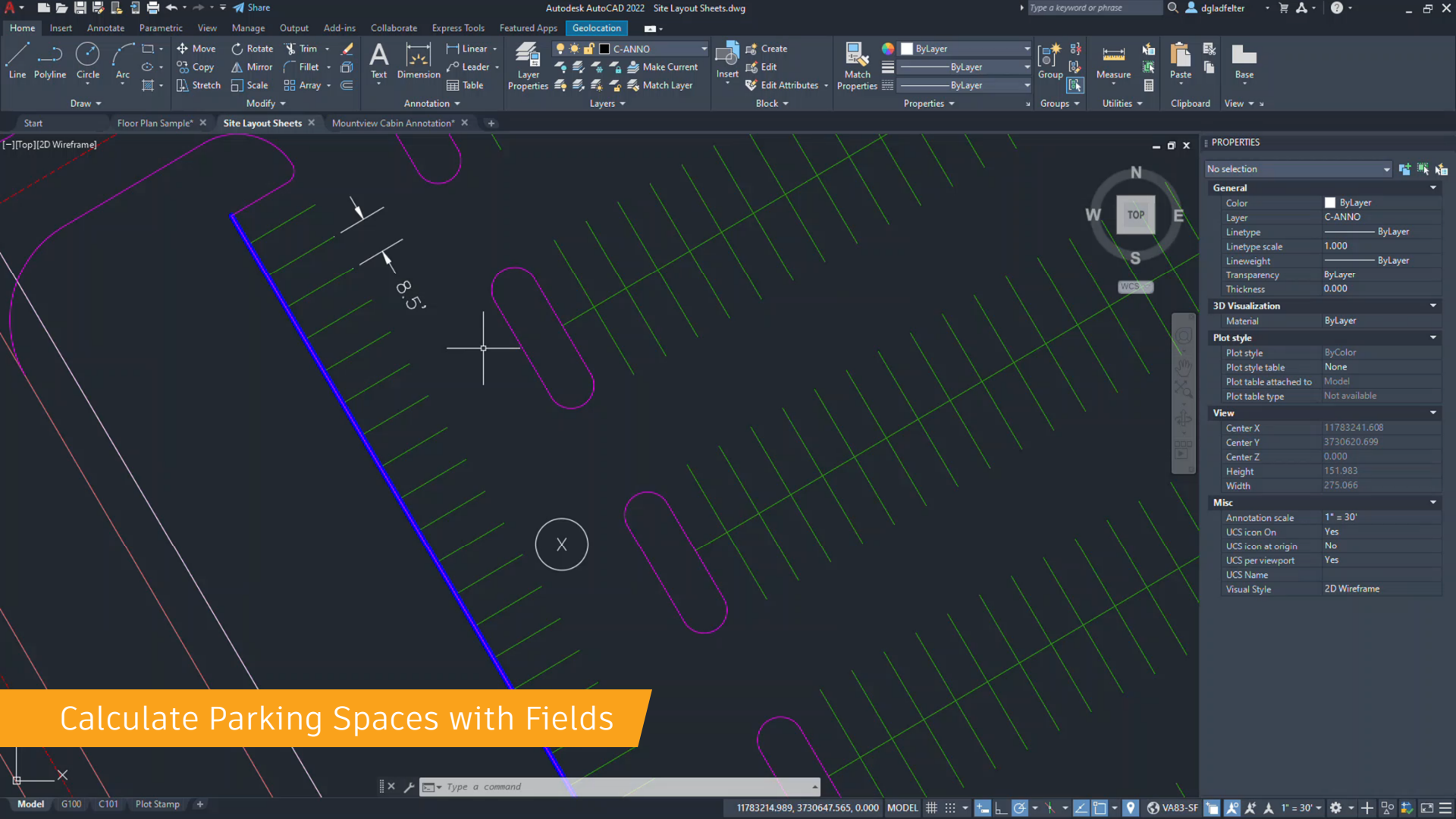
## INTRO TEXT

Ut enim ad minim veniam, quis nostrud  
exercitation ullamco laboris nisi ut aliquip ex ea  
commodo consequat.



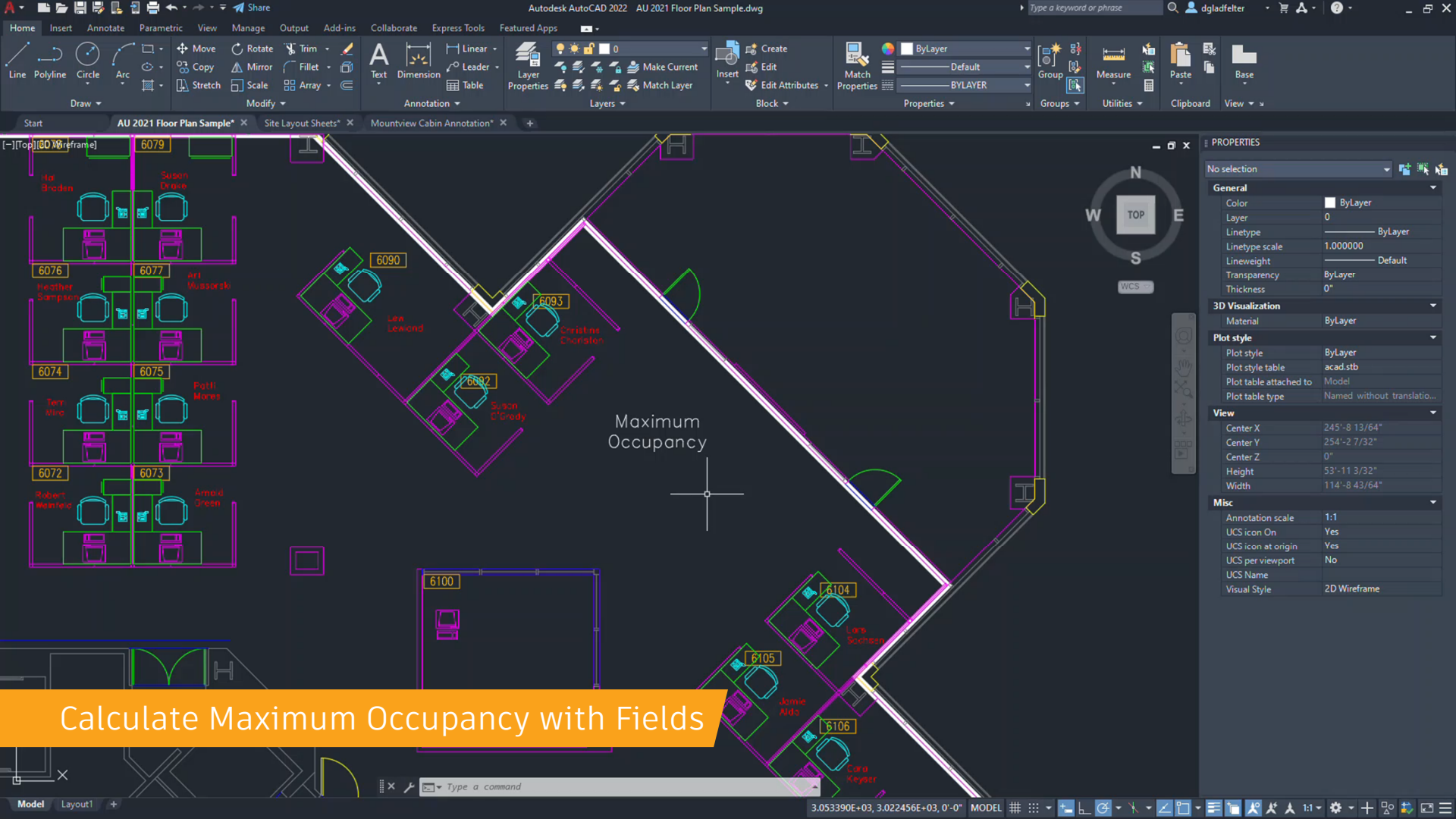


Add Fields to Single-Line Text (DTEXT)



Calculate Parking Spaces with Fields





**Just my Type**



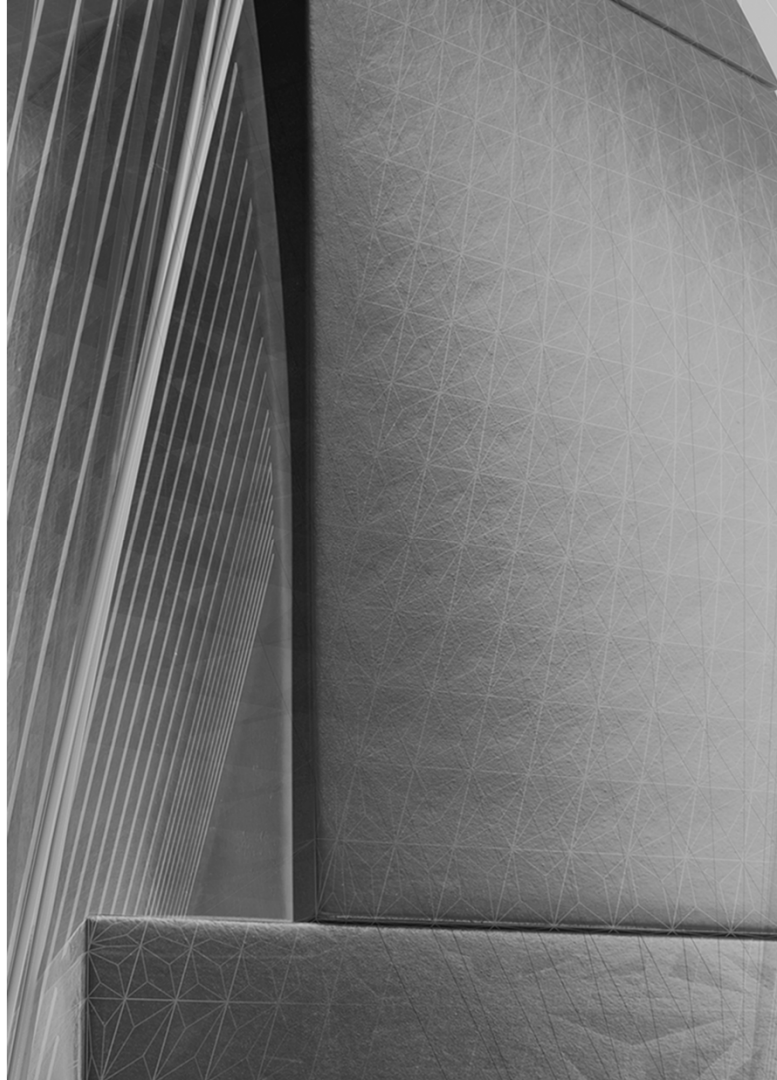
**Highly Selective**

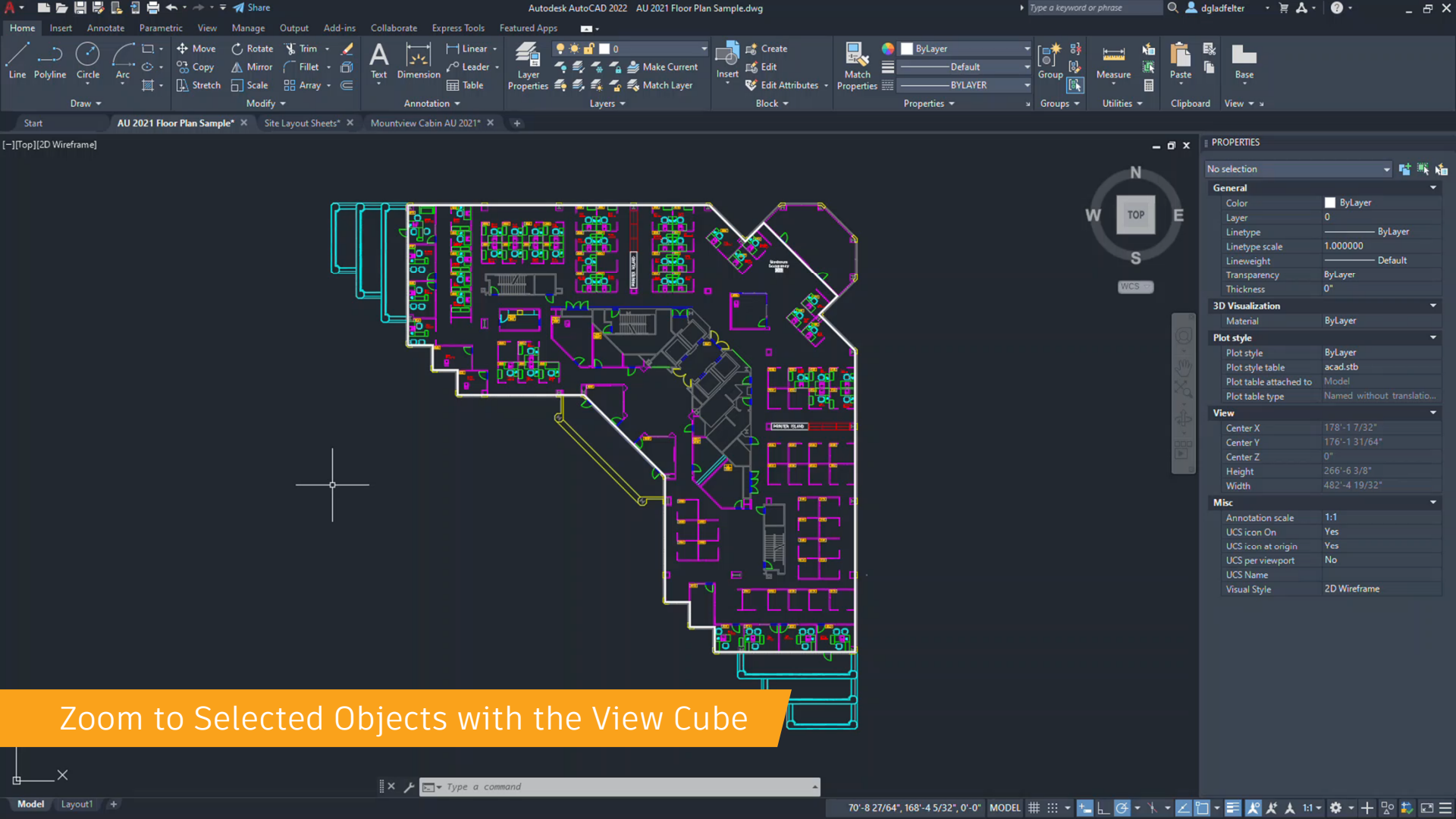
# Zoom to Selected Object(s) using View Cube

Customization

## INTRO TEXT

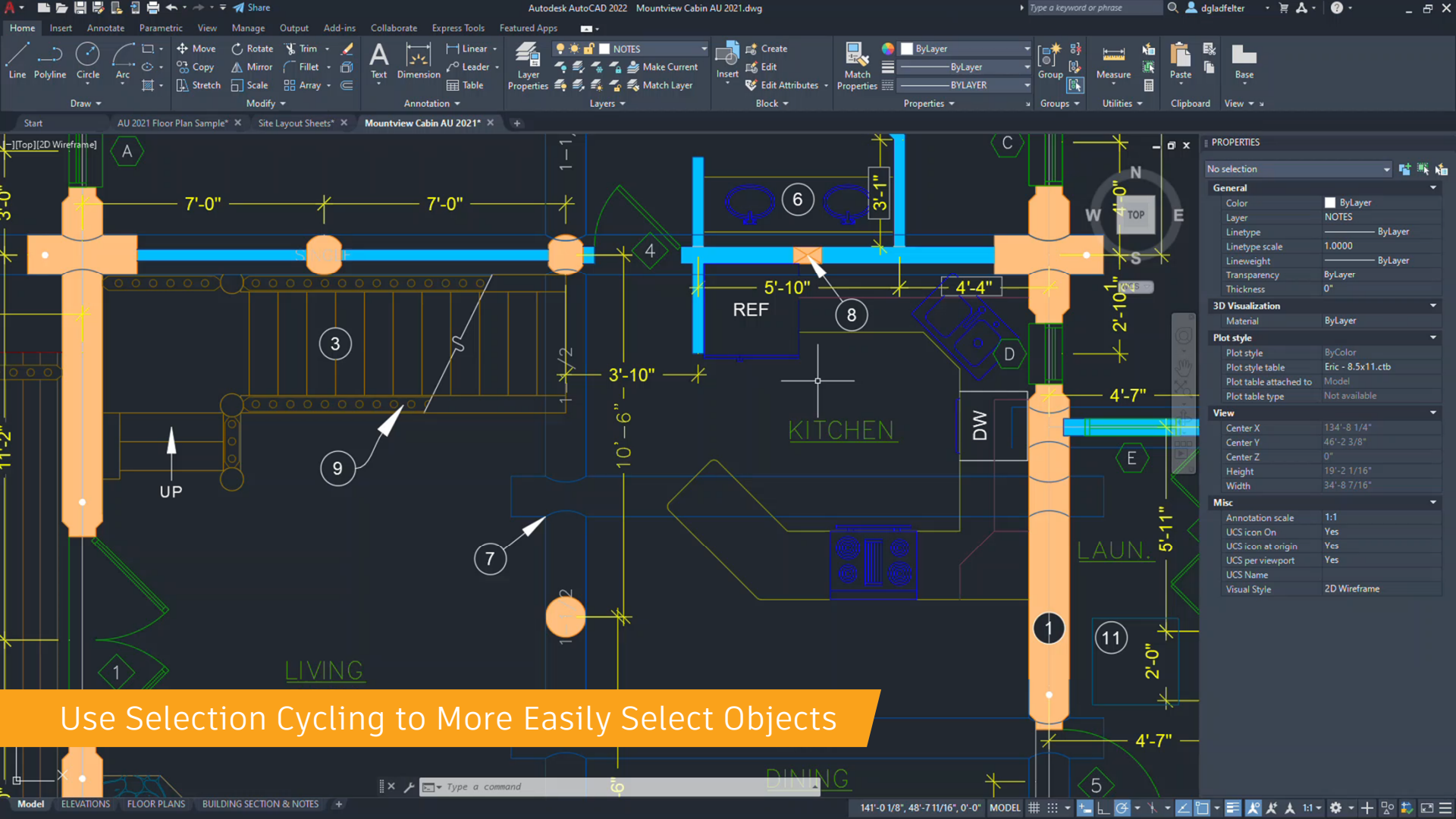
Ut enim ad minim veniam, quis nostrud  
exercitation ullamco laboris nisi ut aliquip ex ea  
commodo consequat.





Zoom to Selected Objects with the View Cube



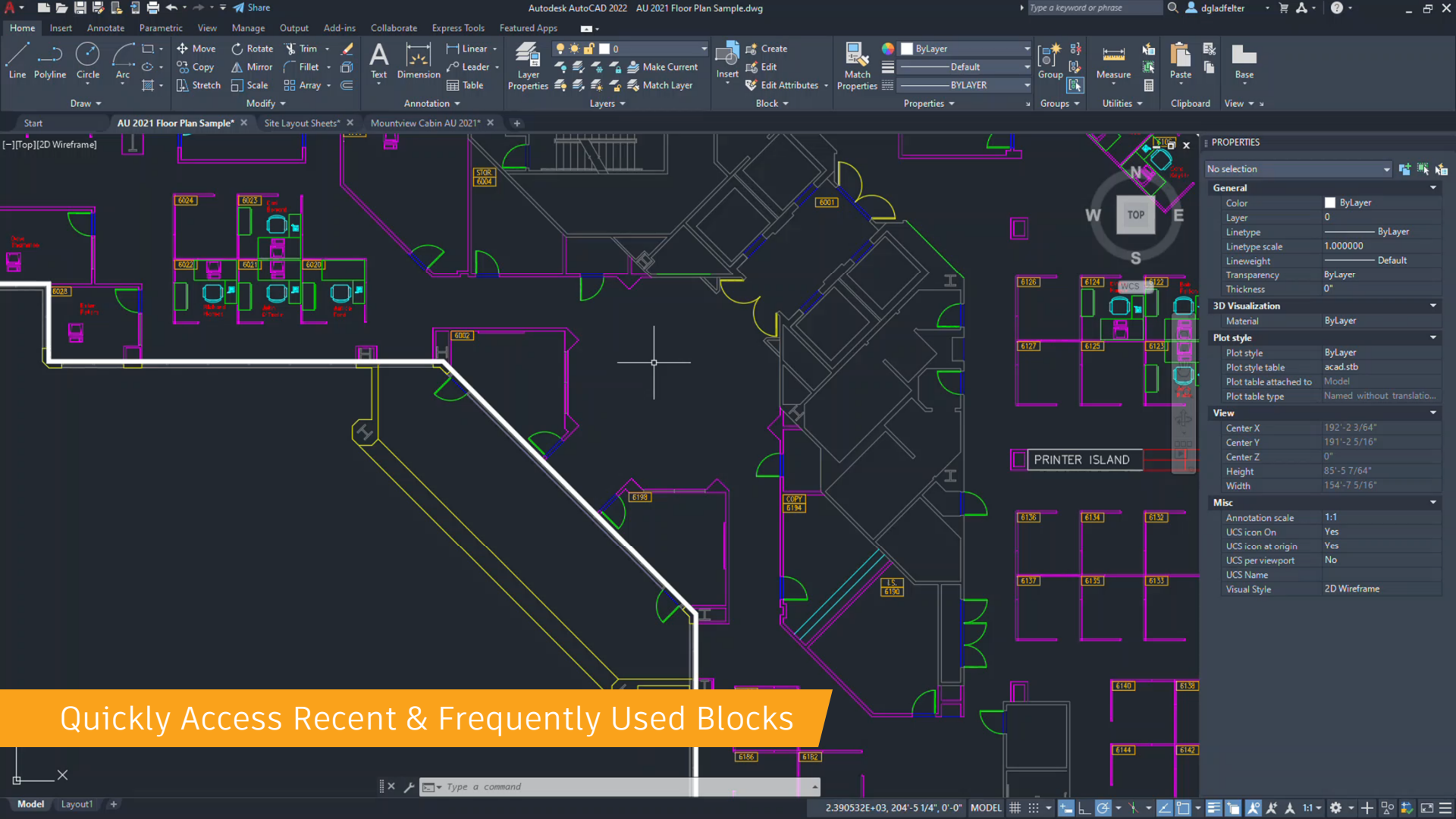


Use Selection Cycling to More Easily Select Objects

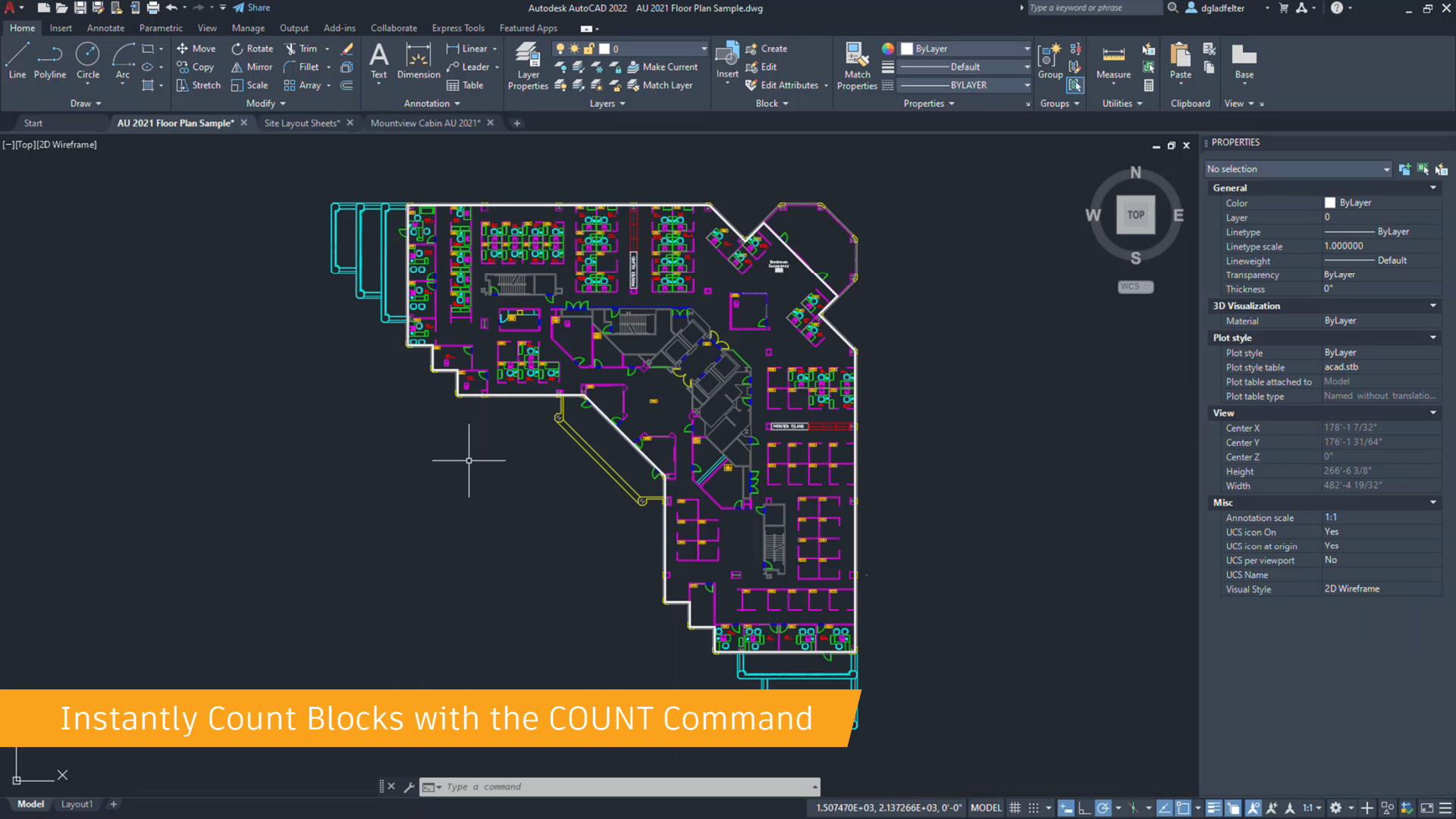
# A Drawing With a **View**(port)

**Block Party**

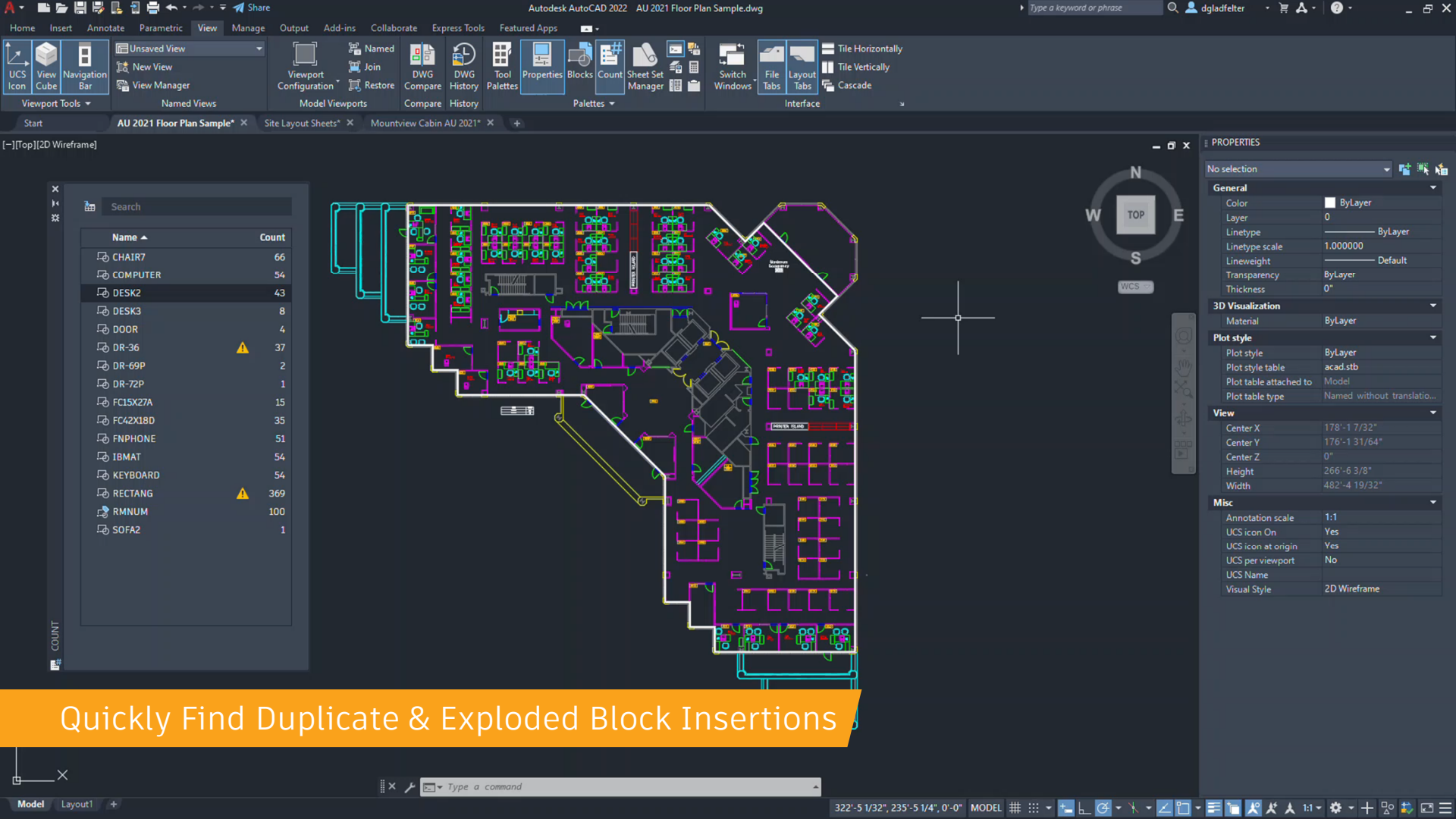








Instantly Count Blocks with the COUNT Command



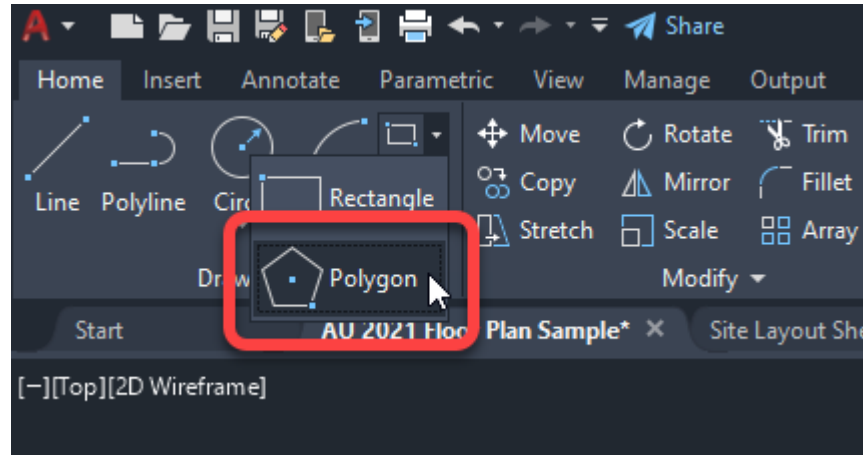
Quickly Find Duplicate & Exploded Block Insertions

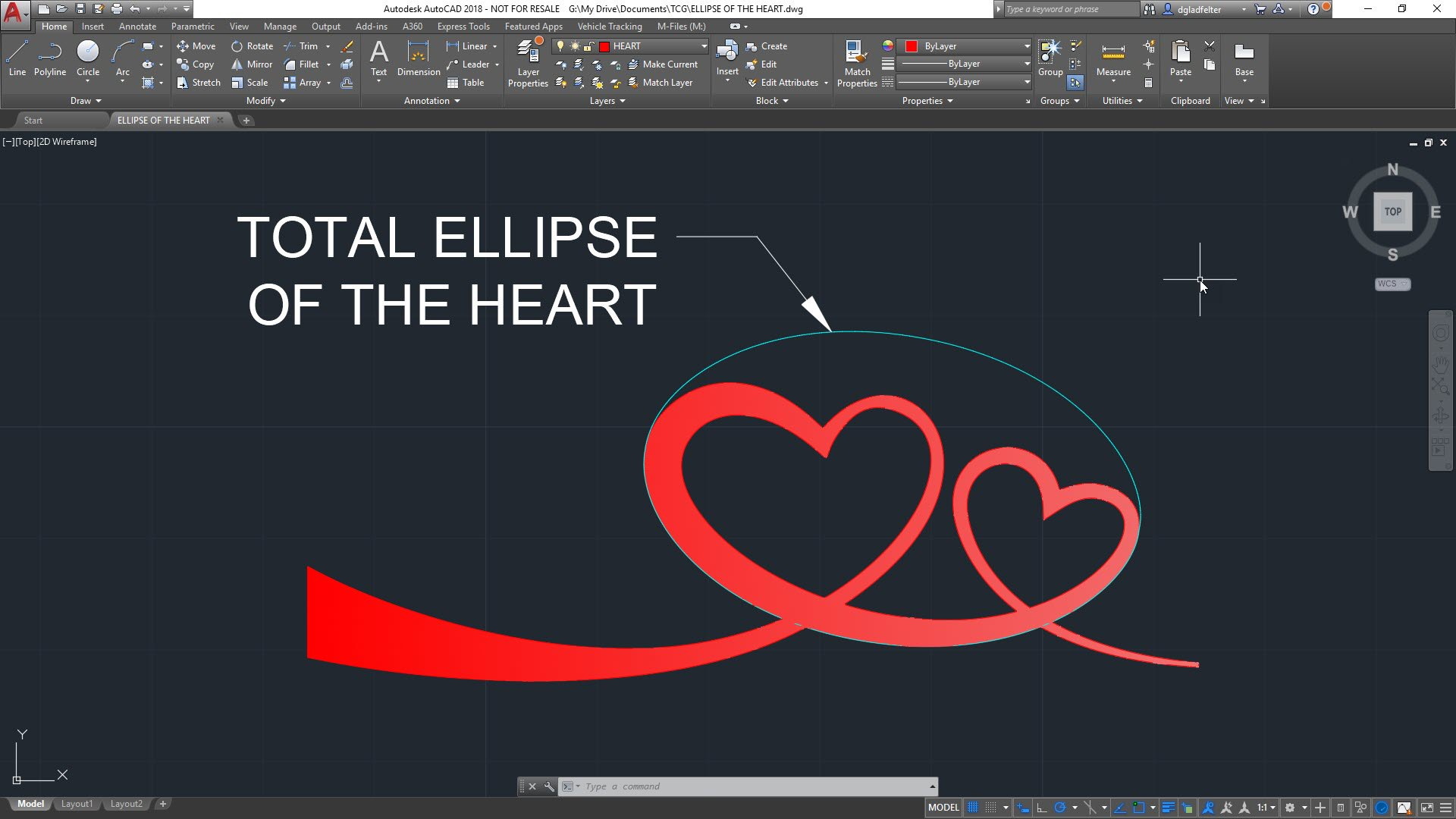
# **AutoCAD Dad Jokes**

**What does CAD stand for?**

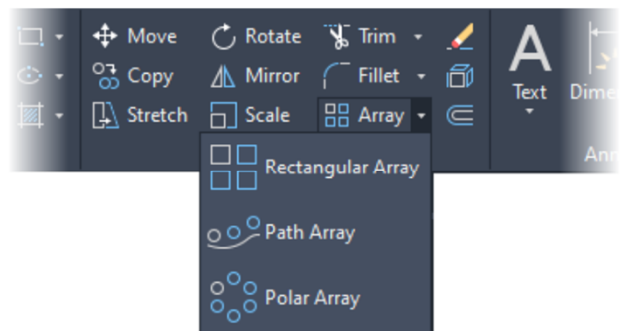
Ctrl + Alt + Delete

# I used to have a parrot, but...





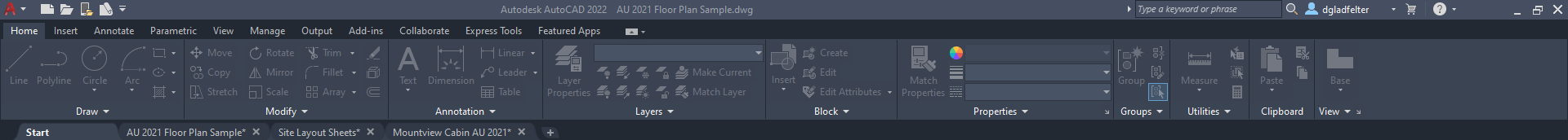
**WHY DID THE AUTOCAD  
USER QUIT THEIR JOB?**



**BECAUSE THEY DIDN'T  
GET ARRAYS.**



**Want More Tips?**



AUTODESK  
AUTOCAD 2022

## My Insights

Open...

New

Recent

Autodesk Docs

Learning

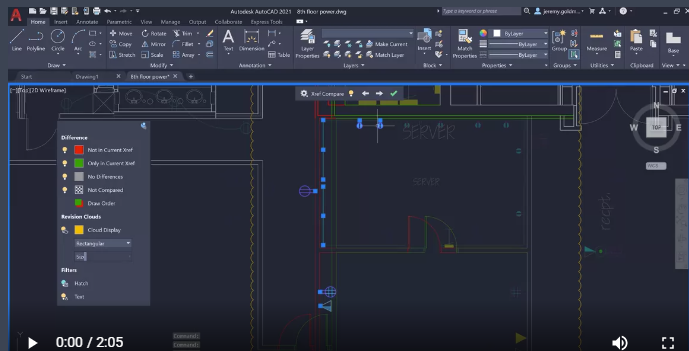
My Insights

What's new

Here are just a few examples of the insights you could receive:

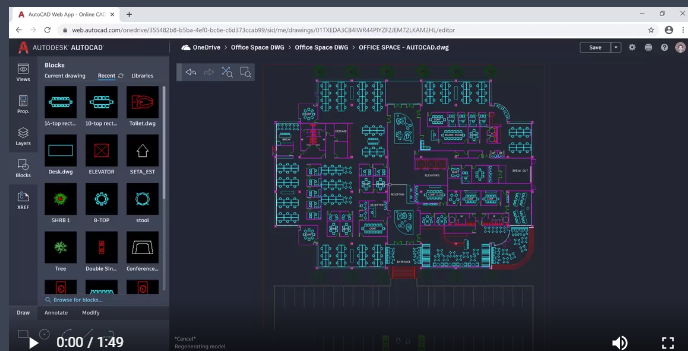
### FEATURE RECOMMENDATION

Based on your past usage of Xref related tools, you might benefit from the new Xref Compare feature.



### FEATURE RECOMMENDATION

Based on your past usage of Blocks, you might benefit from the latest feature enhancements.



Check Out the My Insights Page in AutoCAD 2022.1+

Learn more

AutoCAD mobile app

AutoCAD web app

# Let's Stay in Touch

**Donnie Gladfelter**

Blog: [TheCADGeek.com](http://TheCADGeek.com)

Twitter: [@TheCADGeek](https://twitter.com/TheCADGeek)

LinkedIn: [/in/dgladfelter](https://www.linkedin.com/in/dgladfelter)



The background is black with four large, dark gray, metallic-looking geometric shapes in the corners. These shapes are angular and reflective, resembling stylized architectural elements or computer components. They are positioned in the top-left, top-right, bottom-left, and bottom-right corners, framing the central text.

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