

AS463428: Using Mobile Technology: Get AutoCAD on Your Phone and Tablet

Shaun Bryant

Director – CADFMconsultants |  @notjustcad

Shaun Bryant (who is this guy anyway?)

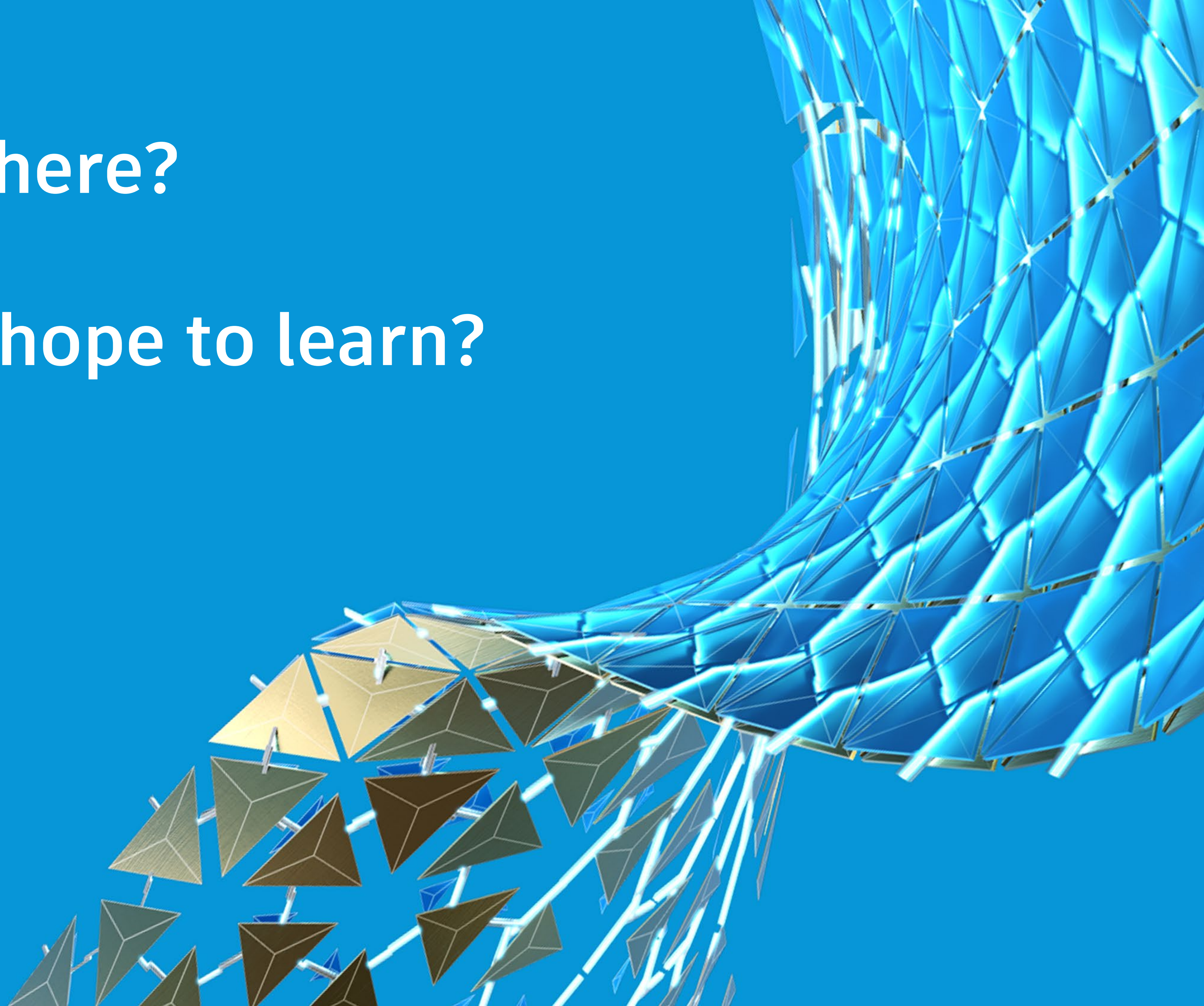


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- Owner/lead consultant – **CADFMconsultants**
- Prolific blogger – owner of the blog, **Not Just CAD!**
- Writer – AUGIWorld, Cadalyst, Redshift
- Content Author – **LinkedIn Learning (previously Lynda.com)**
- AutoCAD & Revit consultant and trainer
- Autodesk Expert Elite
- **Certiport** Subject Matter Expert (SME)
- **AMD** Subject Matter Expert (SME)
- AU Speaker Mentor
- 32+ years of AutoCAD experience
- 11+ years of Revit experience
- Singer/Songwriter – music on iTunes & other outlets
- Second album “under construction”
- Has been known to sound like the **Geico Gecko**
- **Ricky Gervais** stunt double

Why are you here?

What do you hope to learn?



KEYWORDS

AutoCAD on a
mobile device.
Anywhere.

AutoCAD.
Mobile.
App.

AutoCAD.
Anywhere.

Take your subscription with you.

Sign in as Shaun

Sign out

Online Learning

This class is based around my LinkedIn Learning online course at:

<http://www.linkedin.com/learning>



A bit of background from the blog

The blog series about **One AutoCAD** on the blog, **Not Just CAD!**

I often blog about all things CAD and sometimes other stuff, and back in March 2019, I wrote a series of One AutoCAD blogs, the first one being all about the original concept of the One AutoCAD release. The blog does talk about there being (originally) ten elements of the One AutoCAD, **which include the AutoCAD web and mobile apps.**

The One AutoCAD is now officially known as **One** AutoCAD with **SEVEN** specialized toolsets.

<https://cadfmconsult.com/autocad-2019-there-can-be-only-one>



Our objectives today...

OBJECTIVE 1

Learn how to use your Autodesk account to enable the web and mobile folders in AutoCAD

OBJECTIVE 2

Discover how to save DWG files from the AutoCAD desktop app to the web and mobile apps

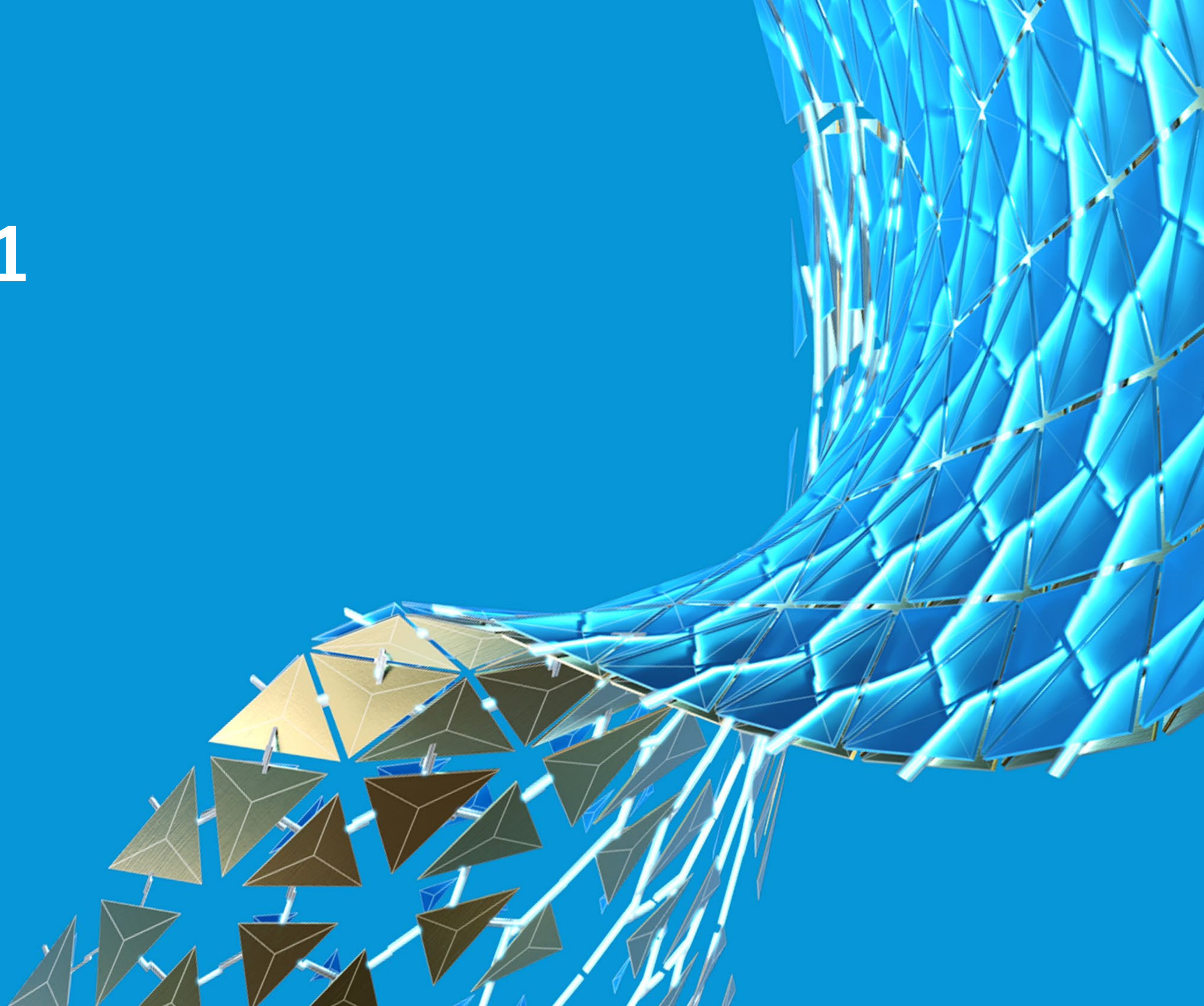
OBJECTIVE 3

Learn how to utilize the AutoCAD mobile app with DWG files

OBJECTIVE 4

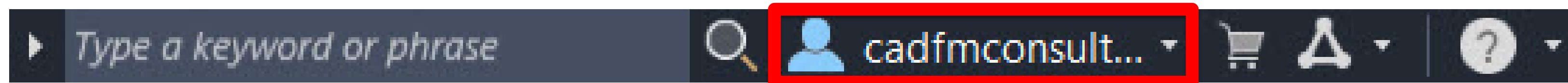
Learn how to utilize the AutoCAD web app with DWG files

OBJECTIVE 1

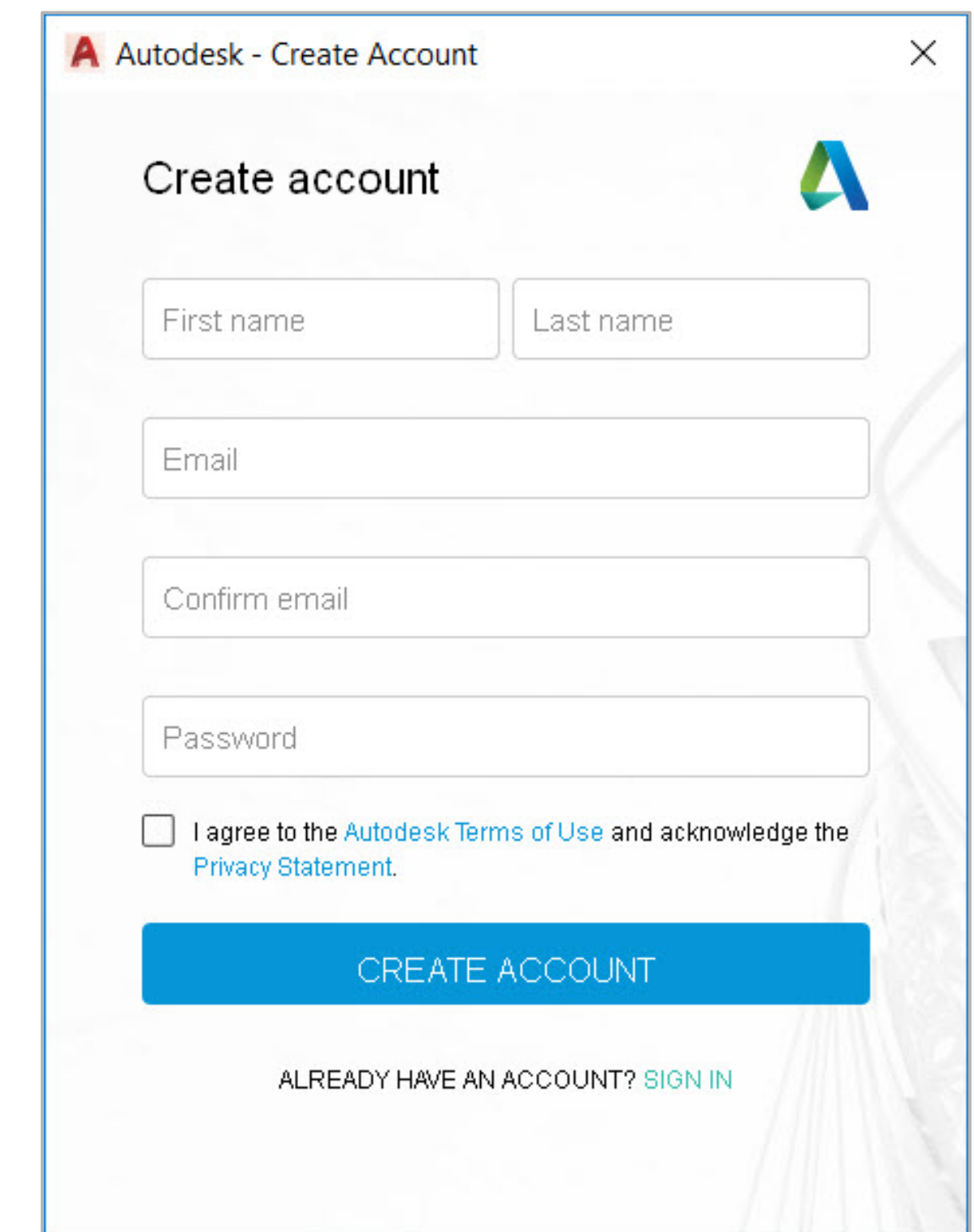
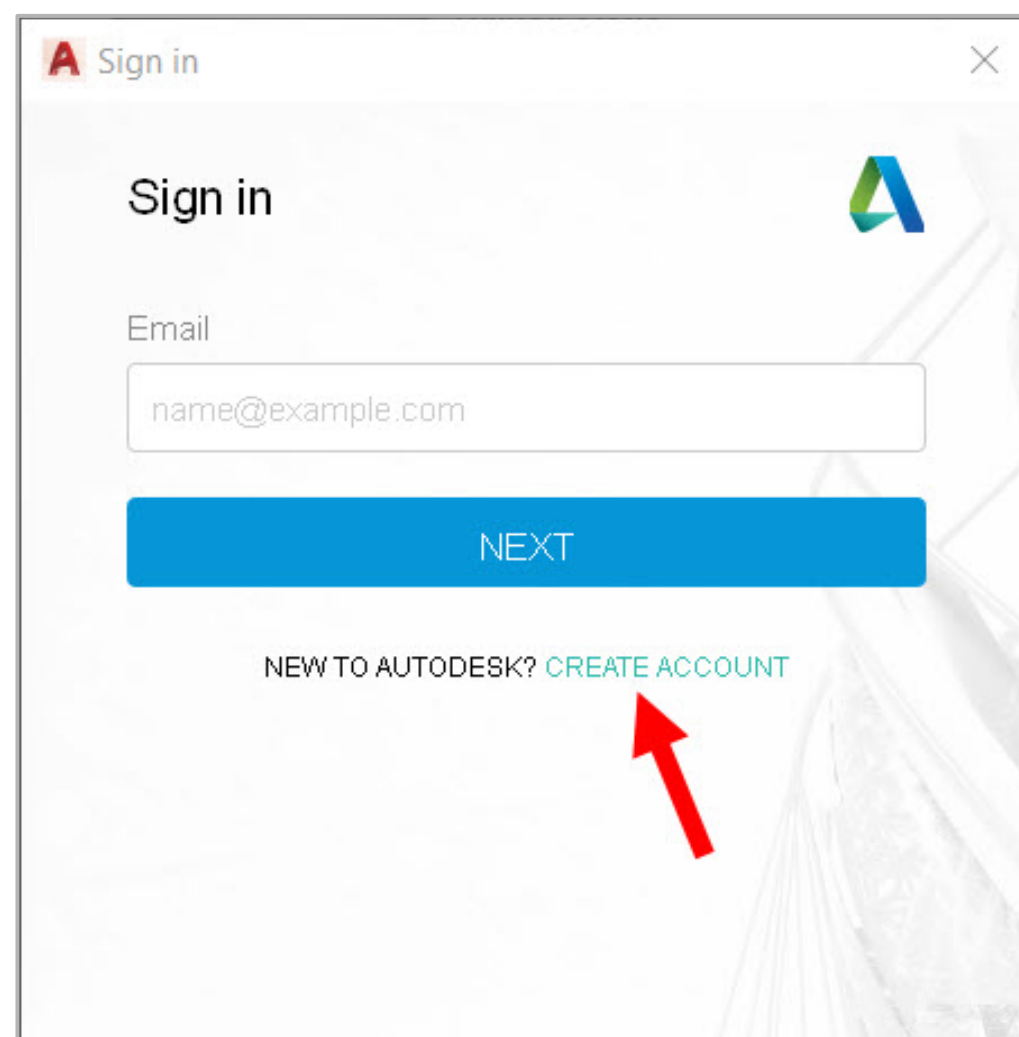


Setting up your Autodesk account for Web & Mobile

Sign into your Autodesk account through the AutoCAD 2021 infobar....

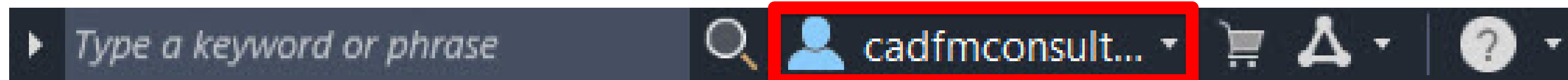


No Autodesk account? Set one up....

A screenshot of the Autodesk "Create Account" dialog box. It has a title bar with the Autodesk logo and a close button. The main content area is titled "Create account" with the logo. It contains several input fields: "First name", "Last name", "Email", "Confirm email", and "Password". Below these fields is a checkbox labeled "I agree to the Autodesk Terms of Use and acknowledge the Privacy Statement." with links to the terms and privacy statement. At the bottom, there is a blue "CREATE ACCOUNT" button and a link that says "ALREADY HAVE AN ACCOUNT? SIGN IN".

Setting up your Autodesk account for Web & Mobile

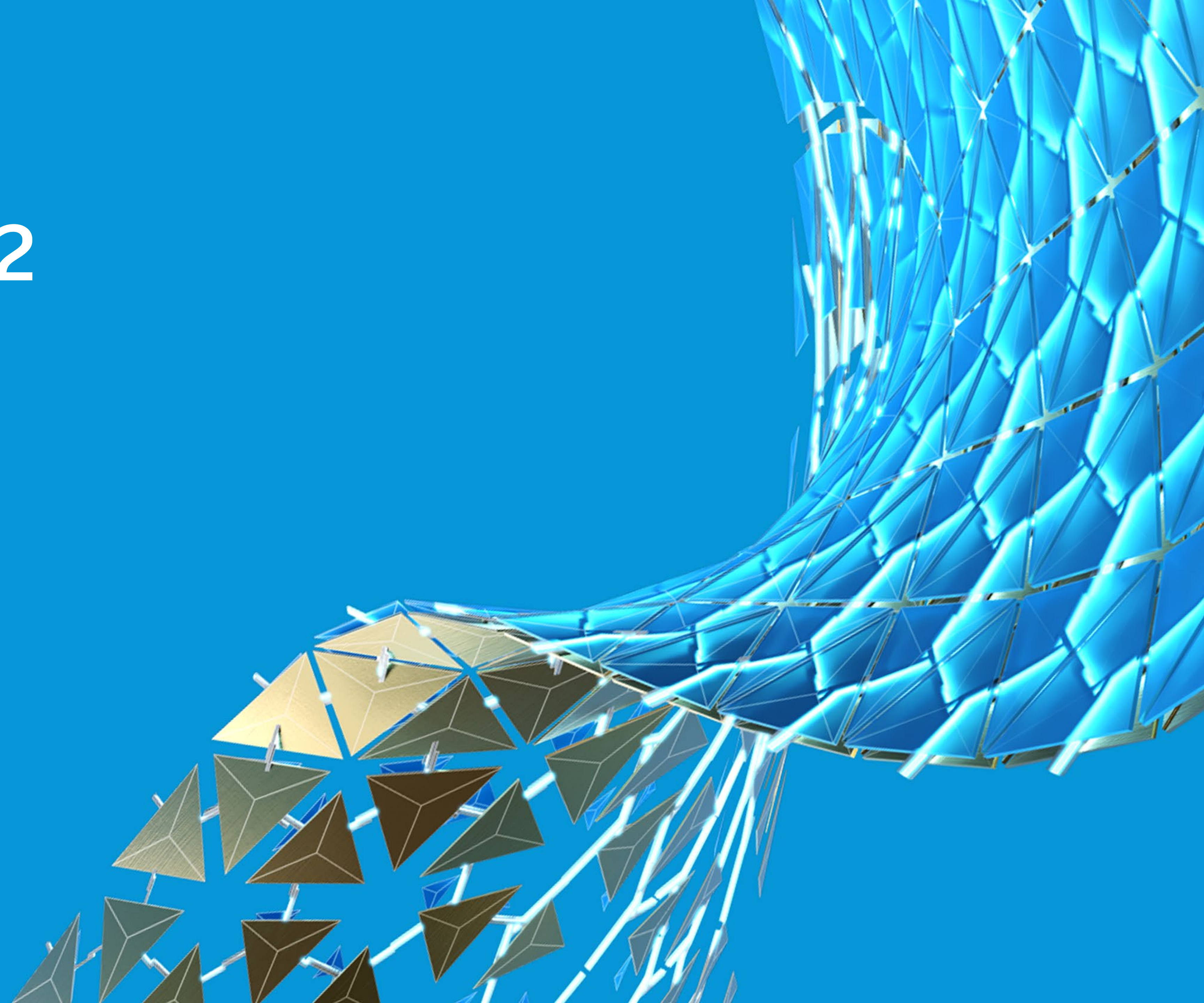
Sign into your Autodesk account through the AutoCAD 2021 infobar....



Once you have an Autodesk account through AutoCAD 2021

- Account created
- One off process
- Provides Single Sign On (SSO) across most of the Autodesk applications
- Signed in once in AutoCAD
- Access to Web & Mobile cloud folders (Quick Access Toolbar)

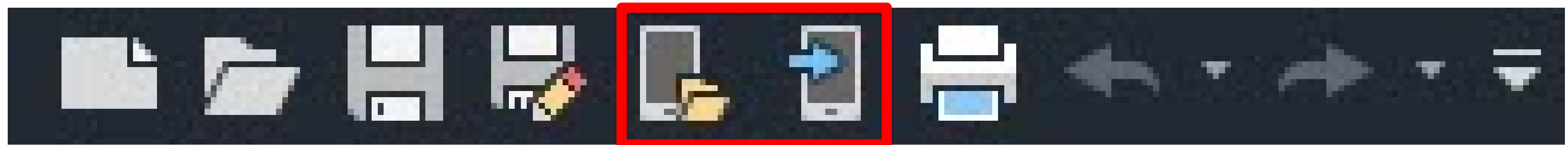
OBJECTIVE 2



Saving from AutoCAD 2021 to your web & mobile apps

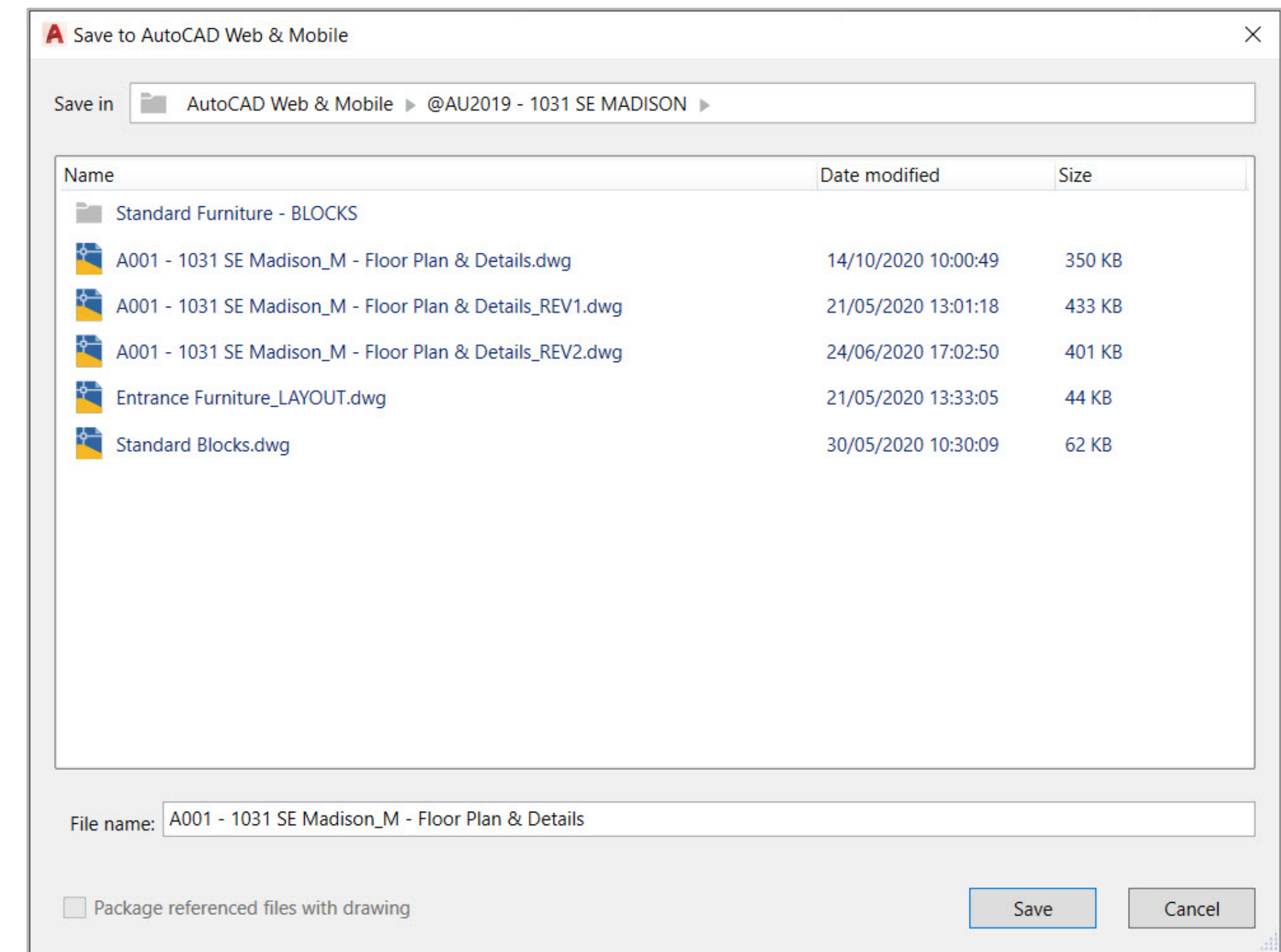
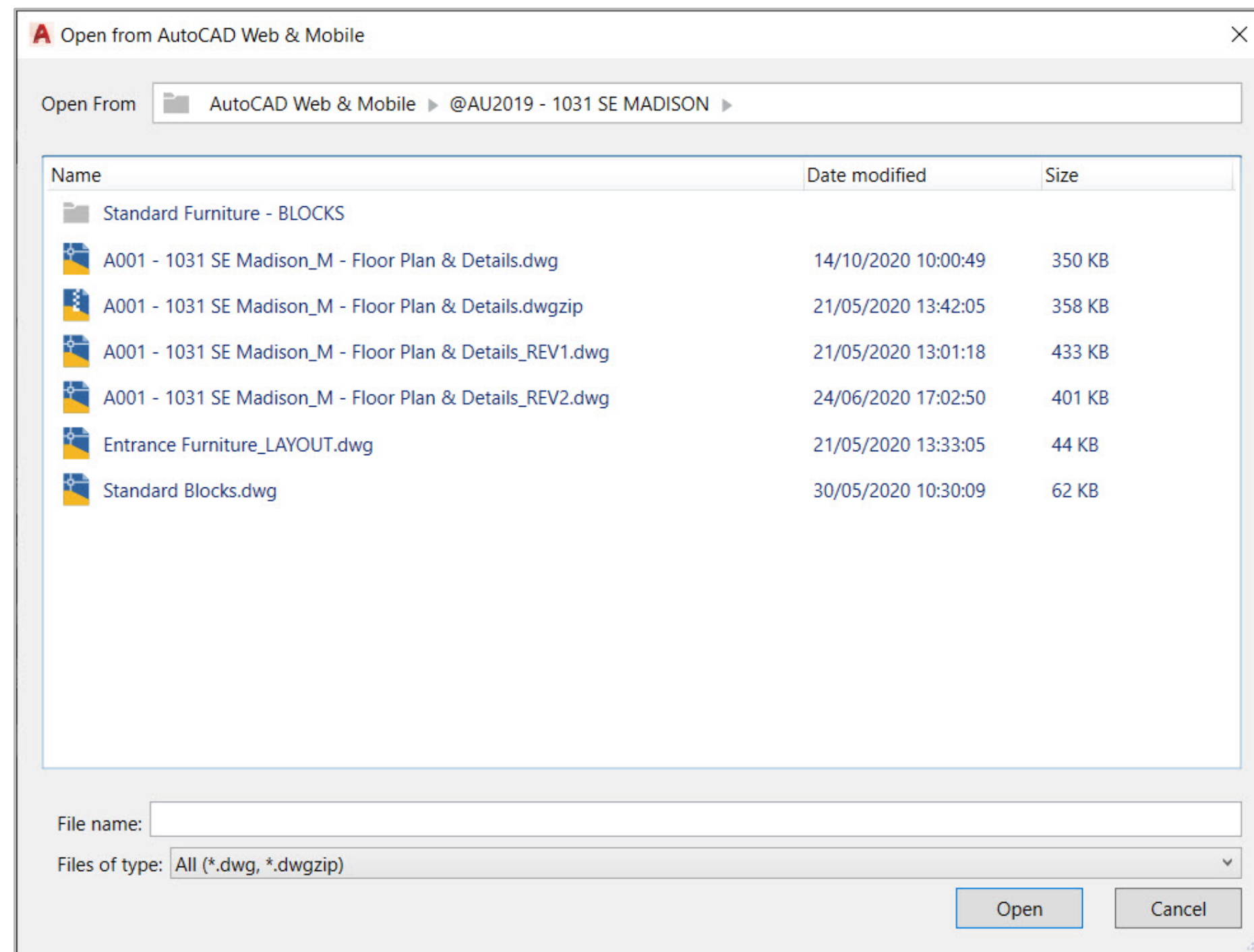
The AutoCAD 2021 Quick Access Toolbar (QAT)

- TWO new icons
- **Open from Web & Mobile (OPENFROMWEBMOBILE)**
- **Save to Web & Mobile (SAVETOWEBMOBILE)**
- Accessible once signed in once in AutoCAD
- Cloud based Web & Mobile folders



Saving from AutoCAD 2021 to your web & mobile apps

- **Driver installation** – small, quick and easy
- **Centralized cloud location** – available to desktop, web and mobile apps

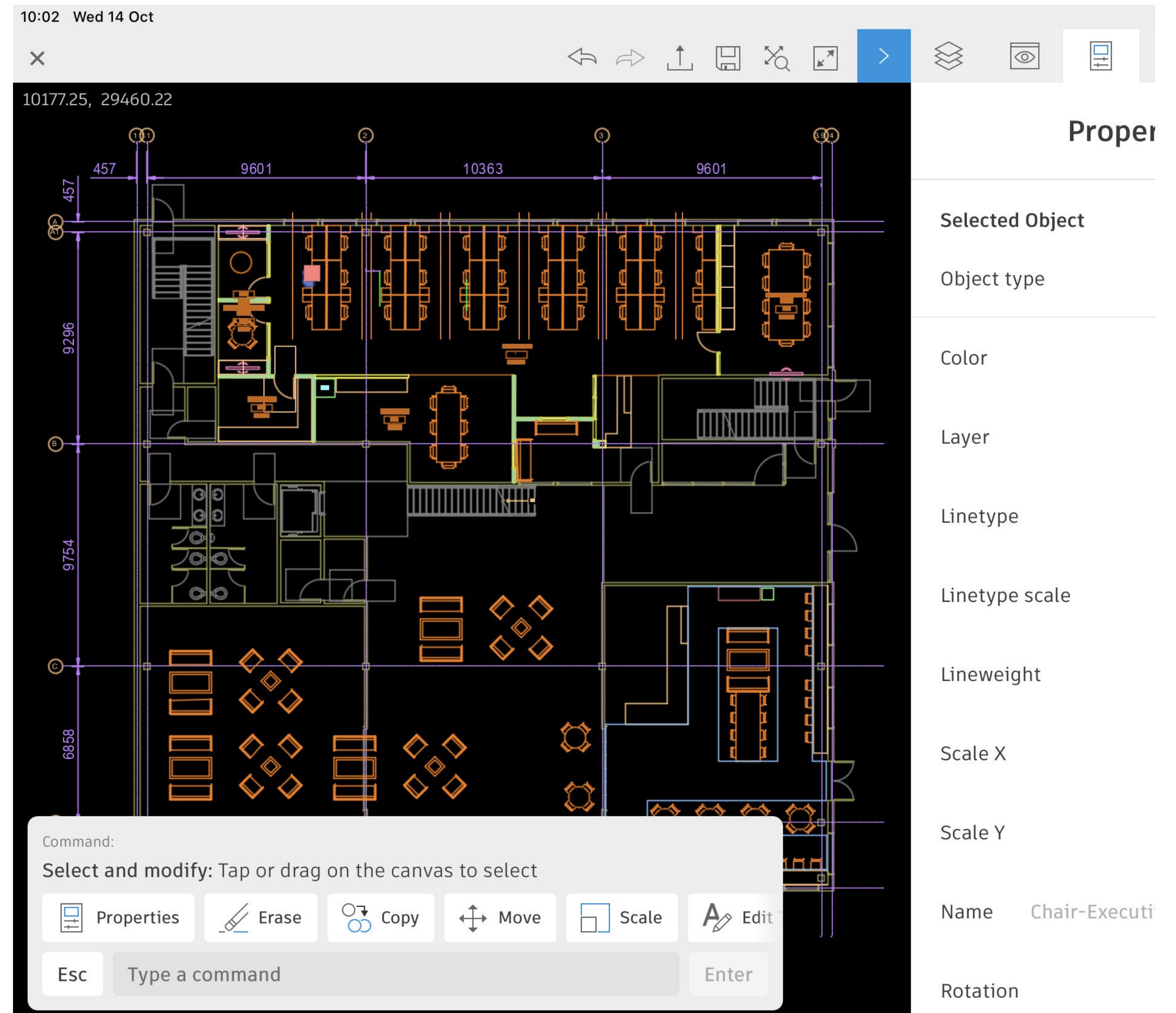


TAKEAWAY TIP!!

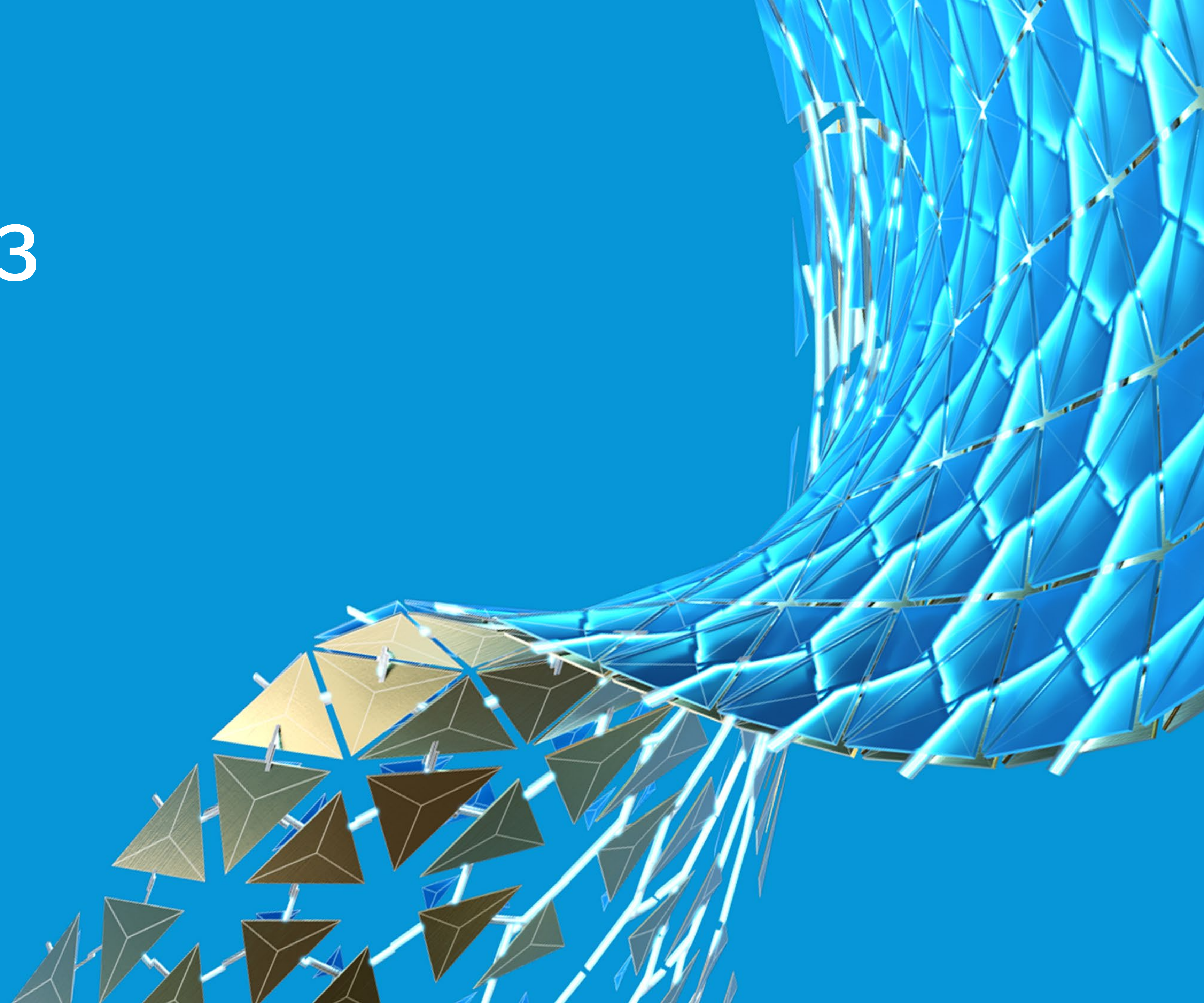
Work with the AutoCAD app that most suits your device

Typical examples would be: -

- **LARGER SCREEN**
 - iPad Pro - consider the AutoCAD web app, as a browser works well with that sized device
- **SMALLER SCREEN**
 - iPhone - use the AutoCAD mobile app as it is designed for smaller devices



OBJECTIVE 3



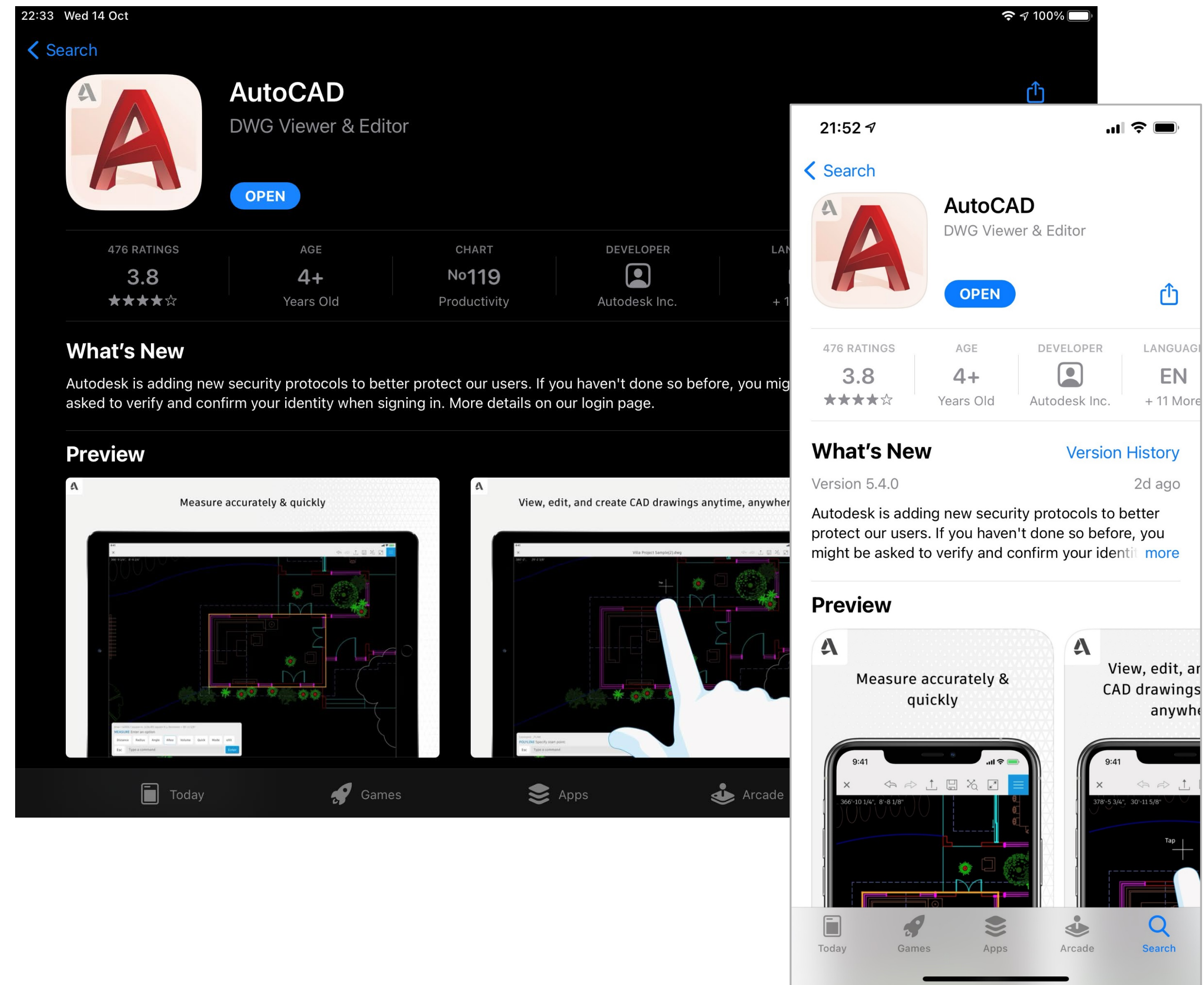
Utilizing the AutoCAD mobile app with DWG files

Downloading the app

- Apple XS Max iPhone
- Apple iPad Air
- Apple App Store

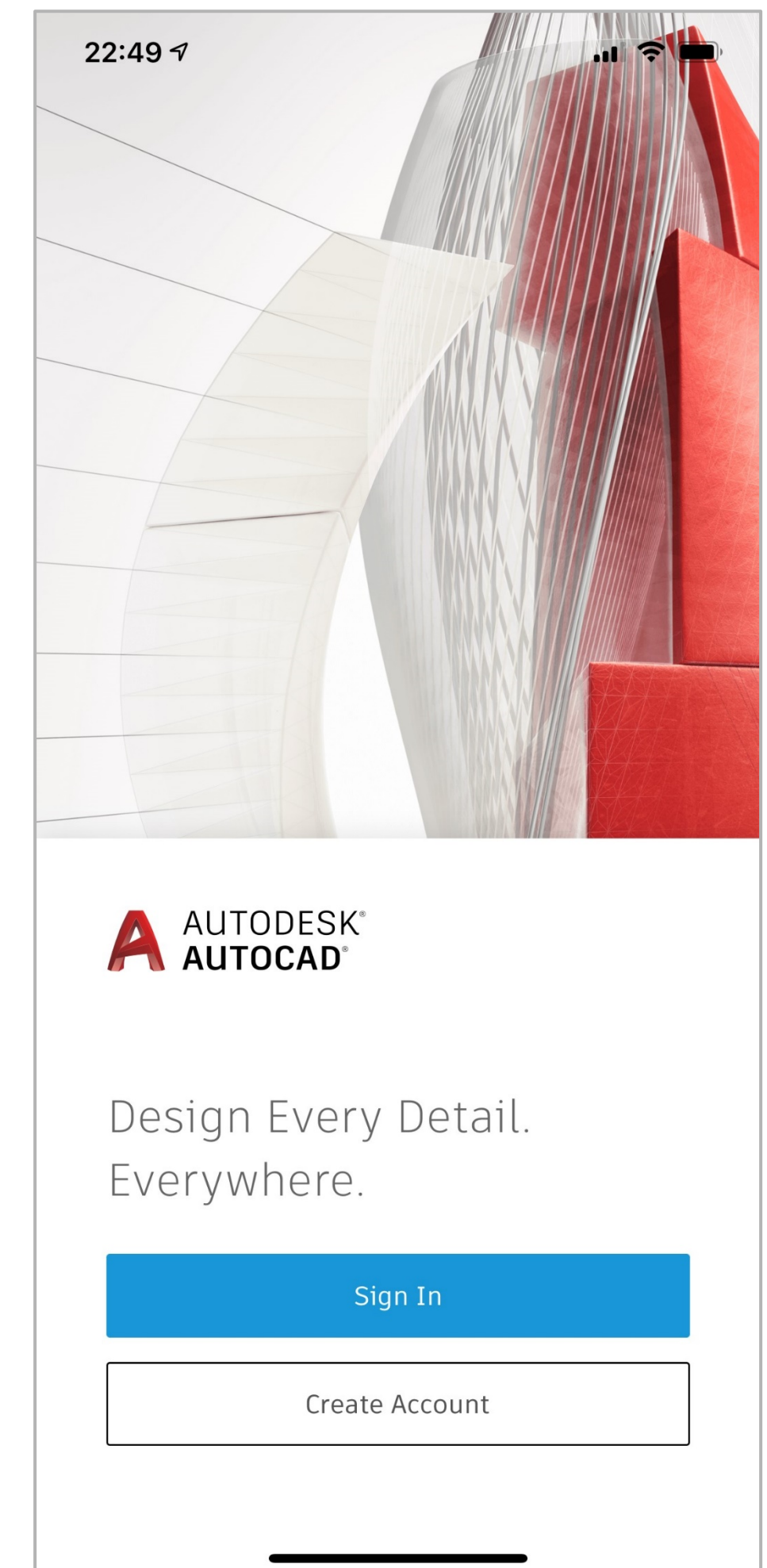
Other mediums available

- Android devices
- Google Play



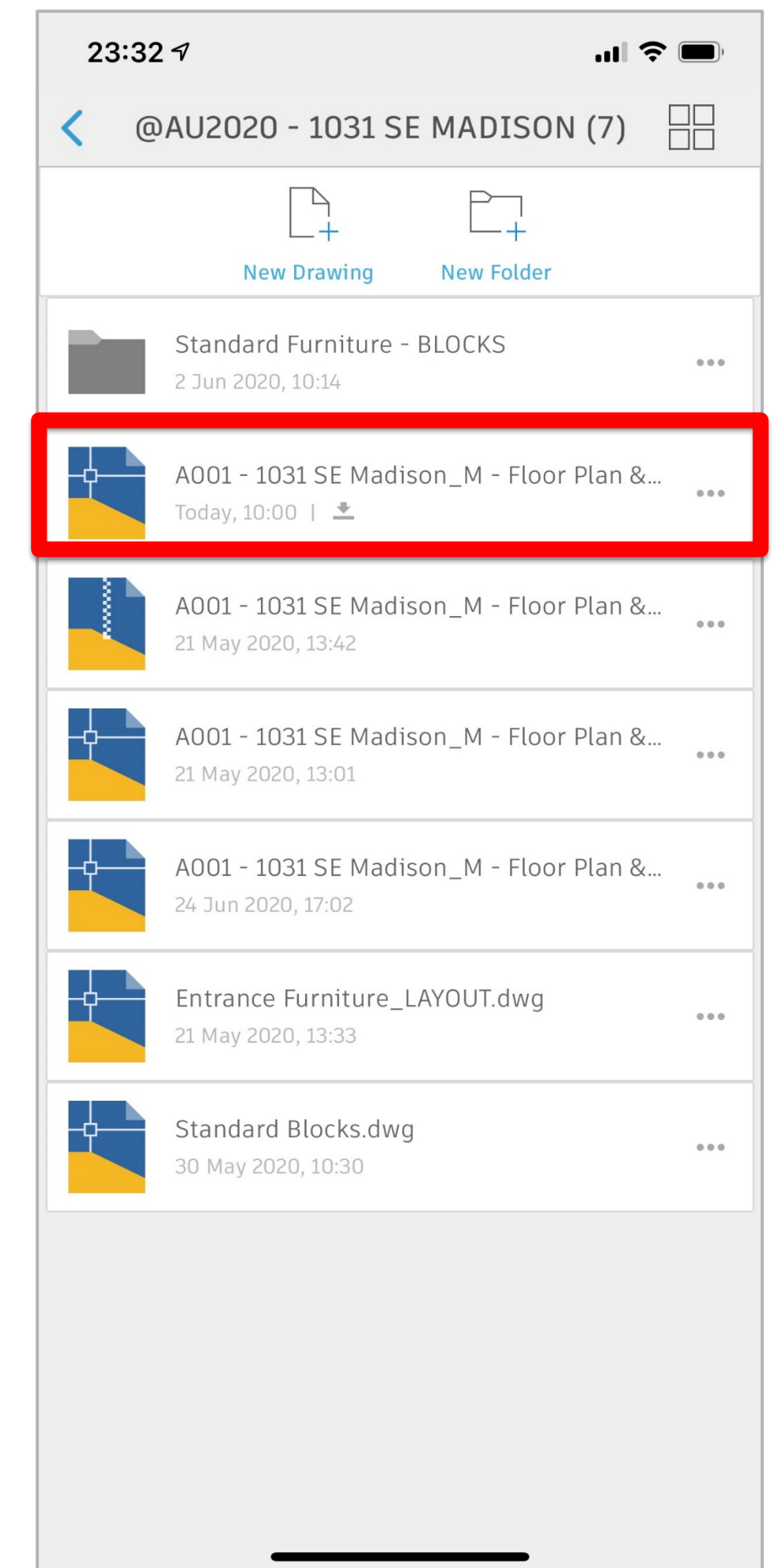
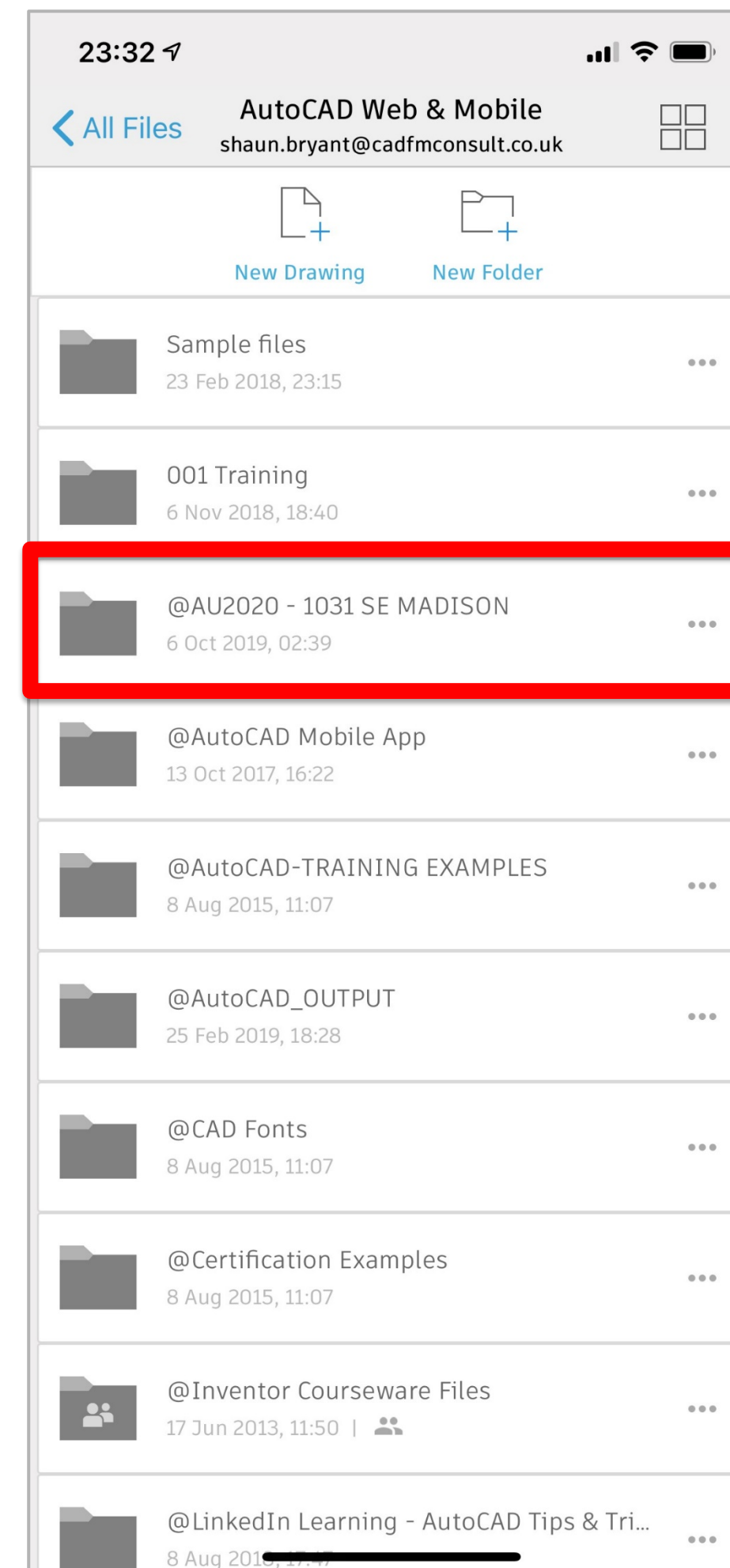
Utilizing the AutoCAD mobile app with DWG files

- Log in using Autodesk account
- **FOLDER:** @AU2020-1031 SE Madison
- **A001-1031 SE Madison_M-Floor Plan & Details.dwg**



Utilizing the AutoCAD mobile app with DWG files

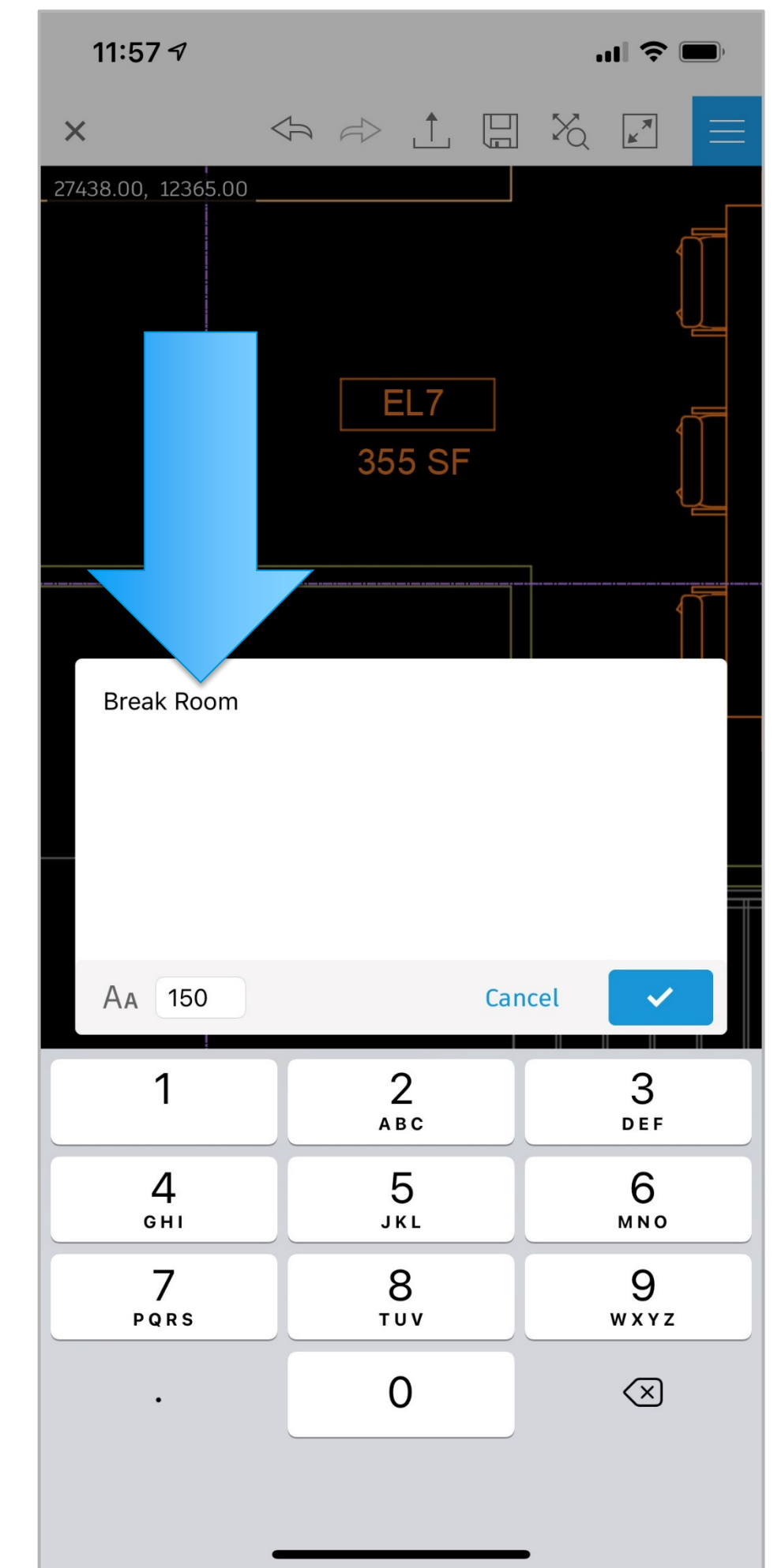
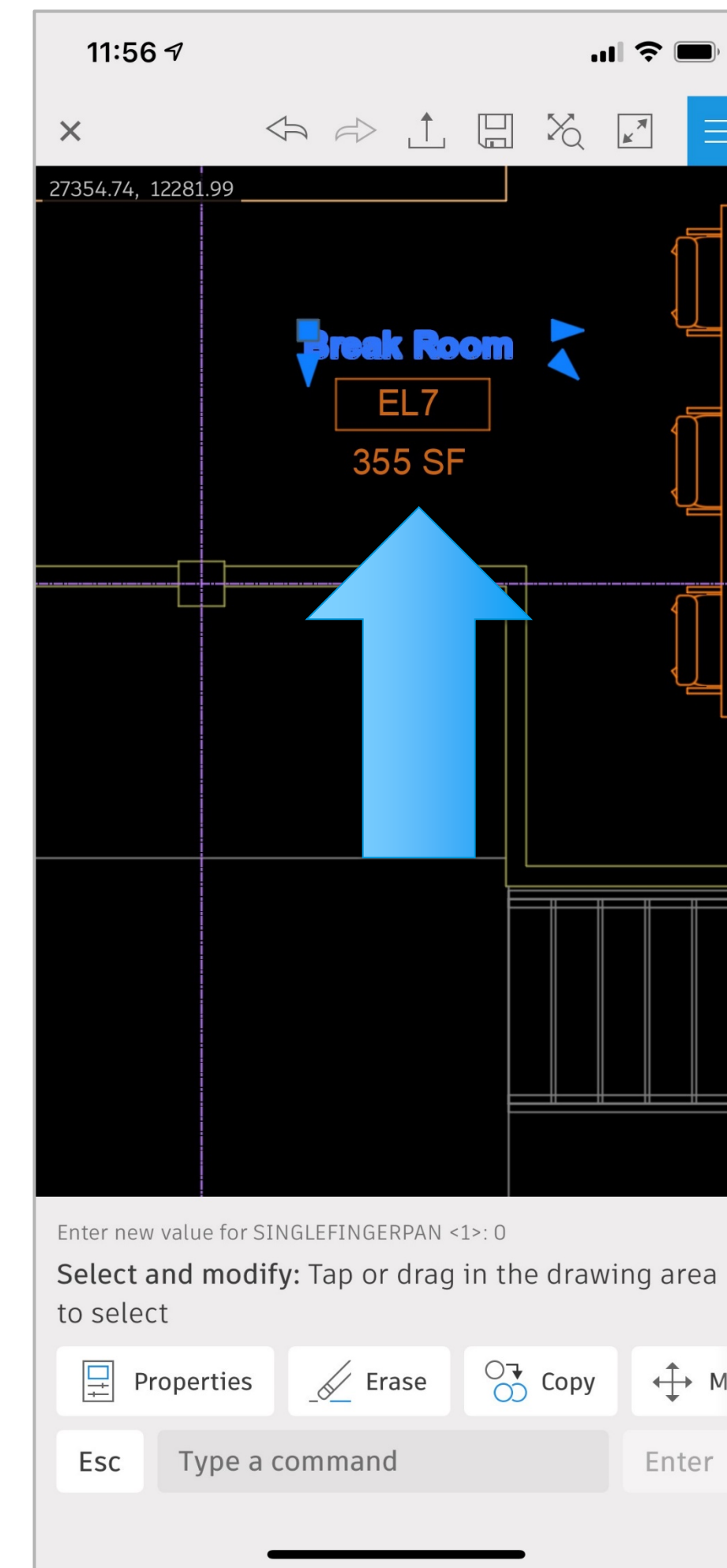
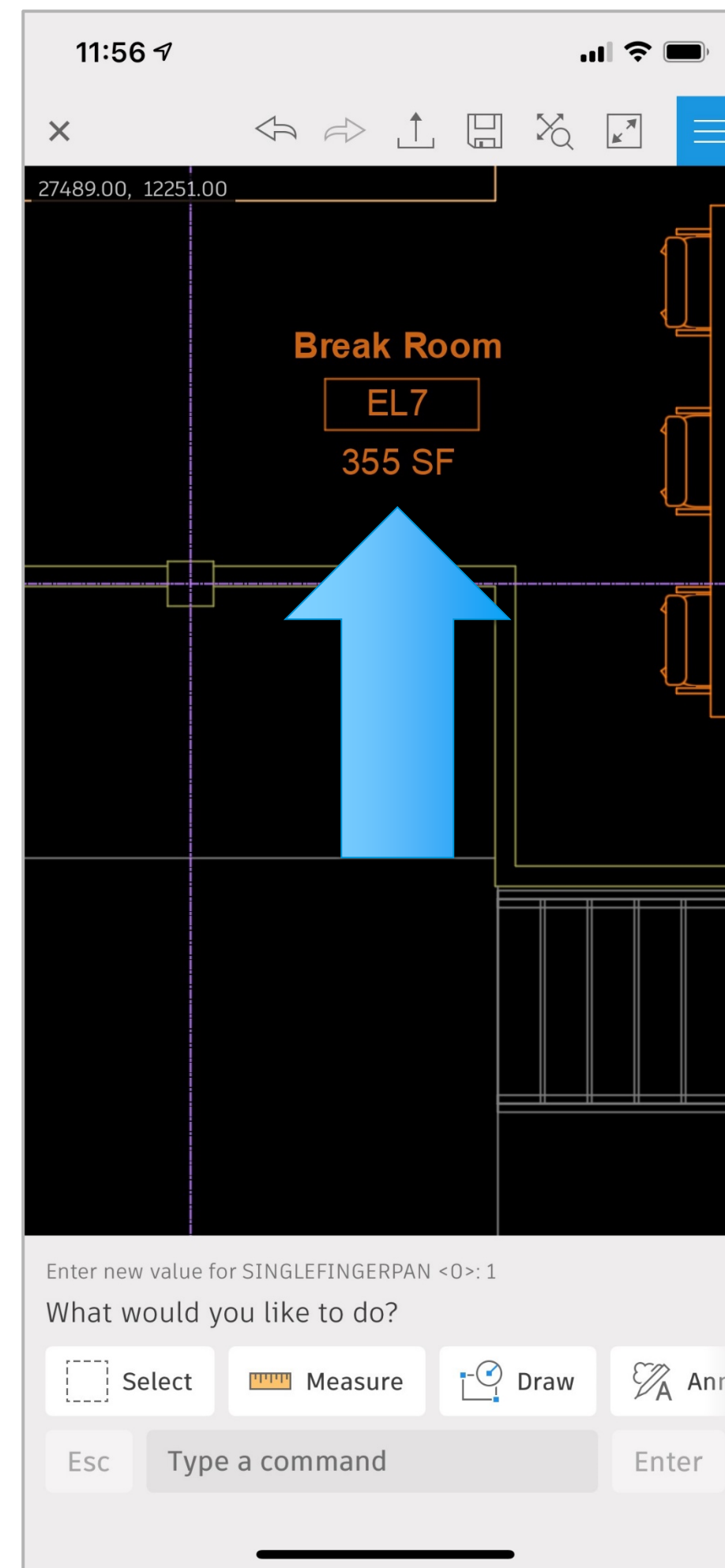
- Logged in after signing in
- **FOLDER:** @AU2020-1031 SE Madison
- **A001-1031 SE Madison_M-Floor Plan & Details.dwg**



Utilizing the AutoCAD mobile app with DWG files

A001-1031 SE Madison_M-Floor Plan & Details.dwg

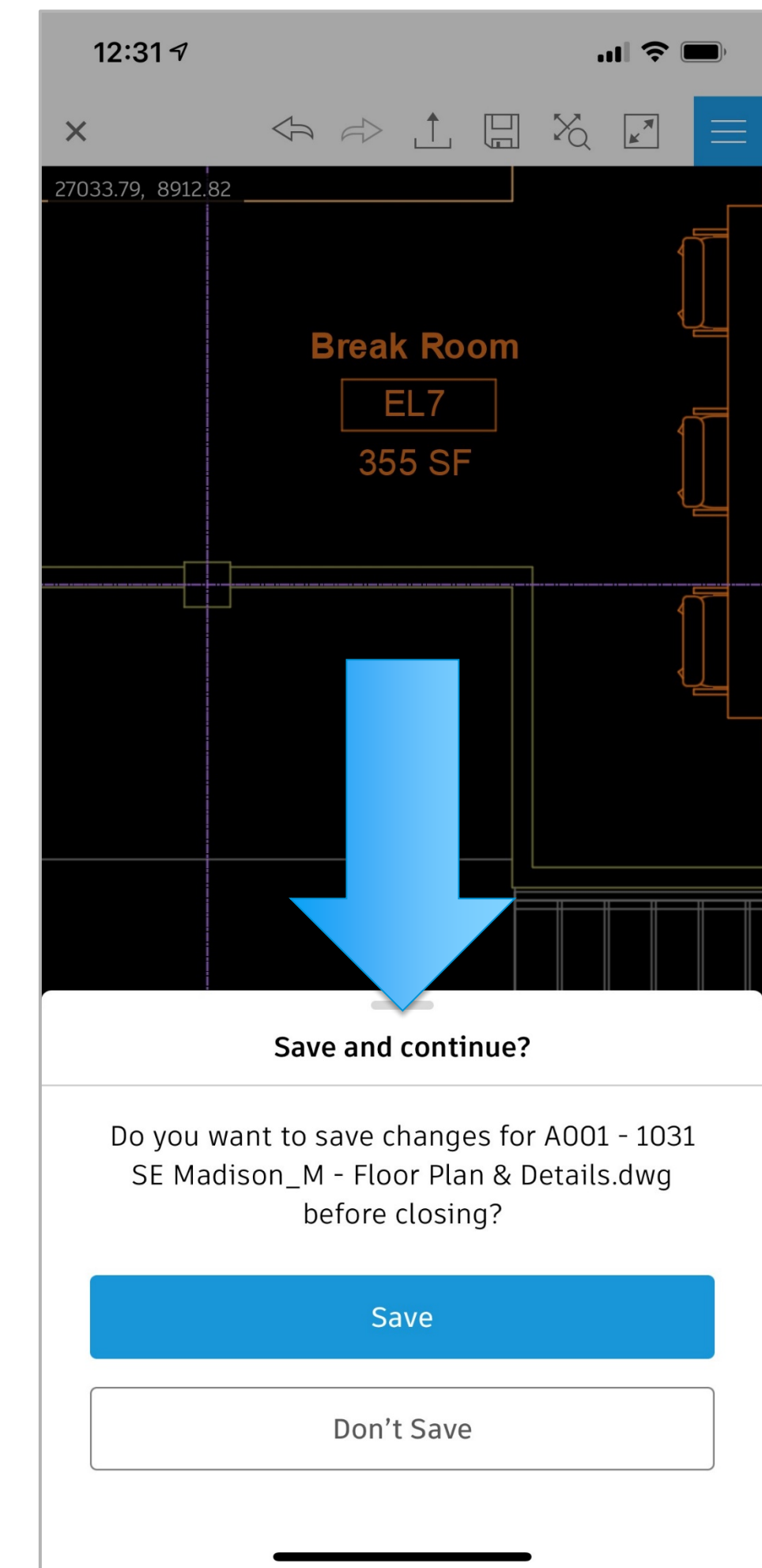
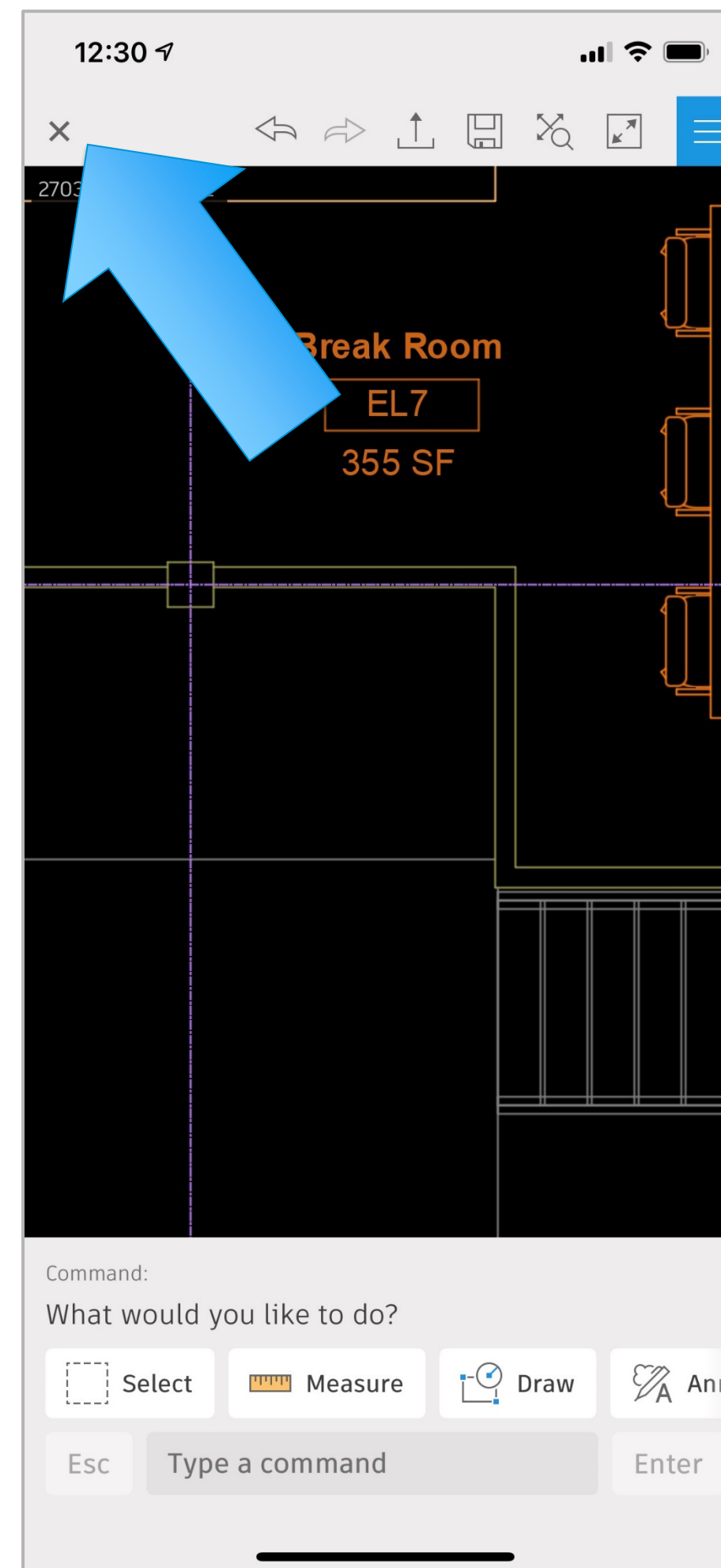
- Zoom in using gestures
- Select text – SINGLE TAP
- Edit text – DOUBLE TAP
- Text behaves just like MTEXT



Utilizing the AutoCAD mobile app with DWG files

SIGNING OUT – PART 1

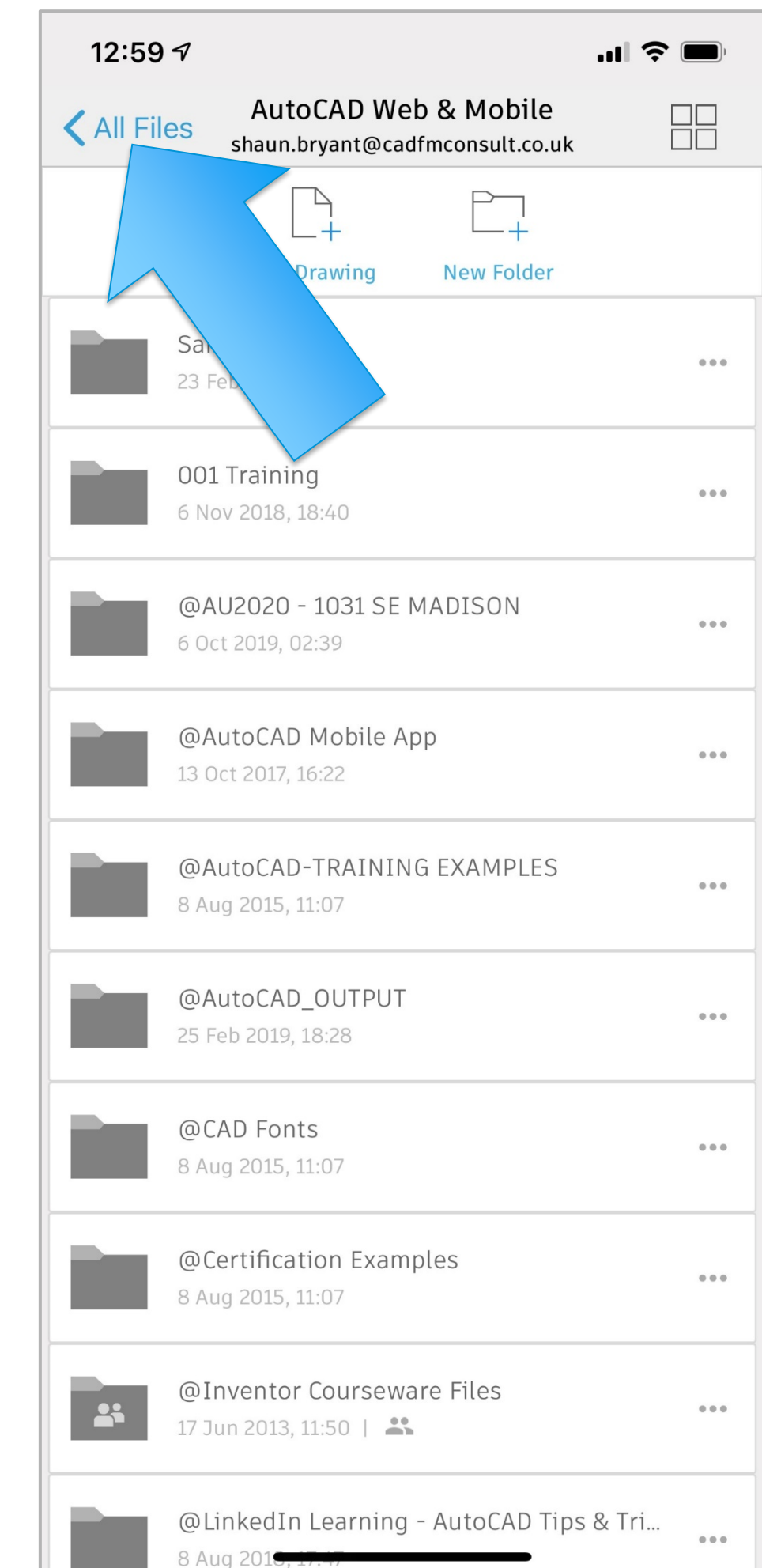
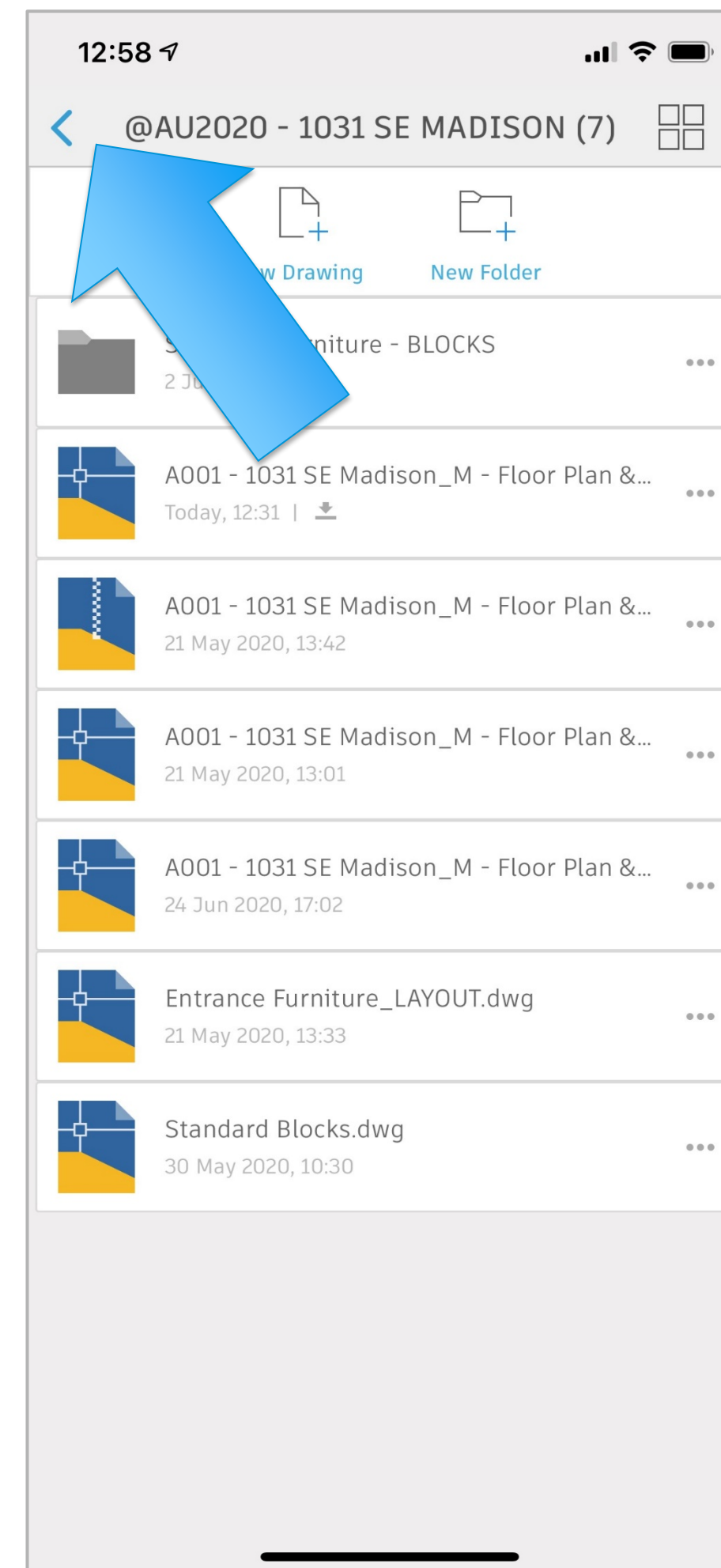
- **THREE** step process
- Tap on **X** - top left corner
- Select **Save** at prompt
- **SAVES** any changes
- Web & Mobile/cloud
- AutoCAD desktop



Utilizing the AutoCAD mobile app with DWG files

SIGNING OUT – PART 2

- Tap on **back arrow** (<)
- Back to **Web & Mobile**
- Tap on **All Files**
- Changes already saved

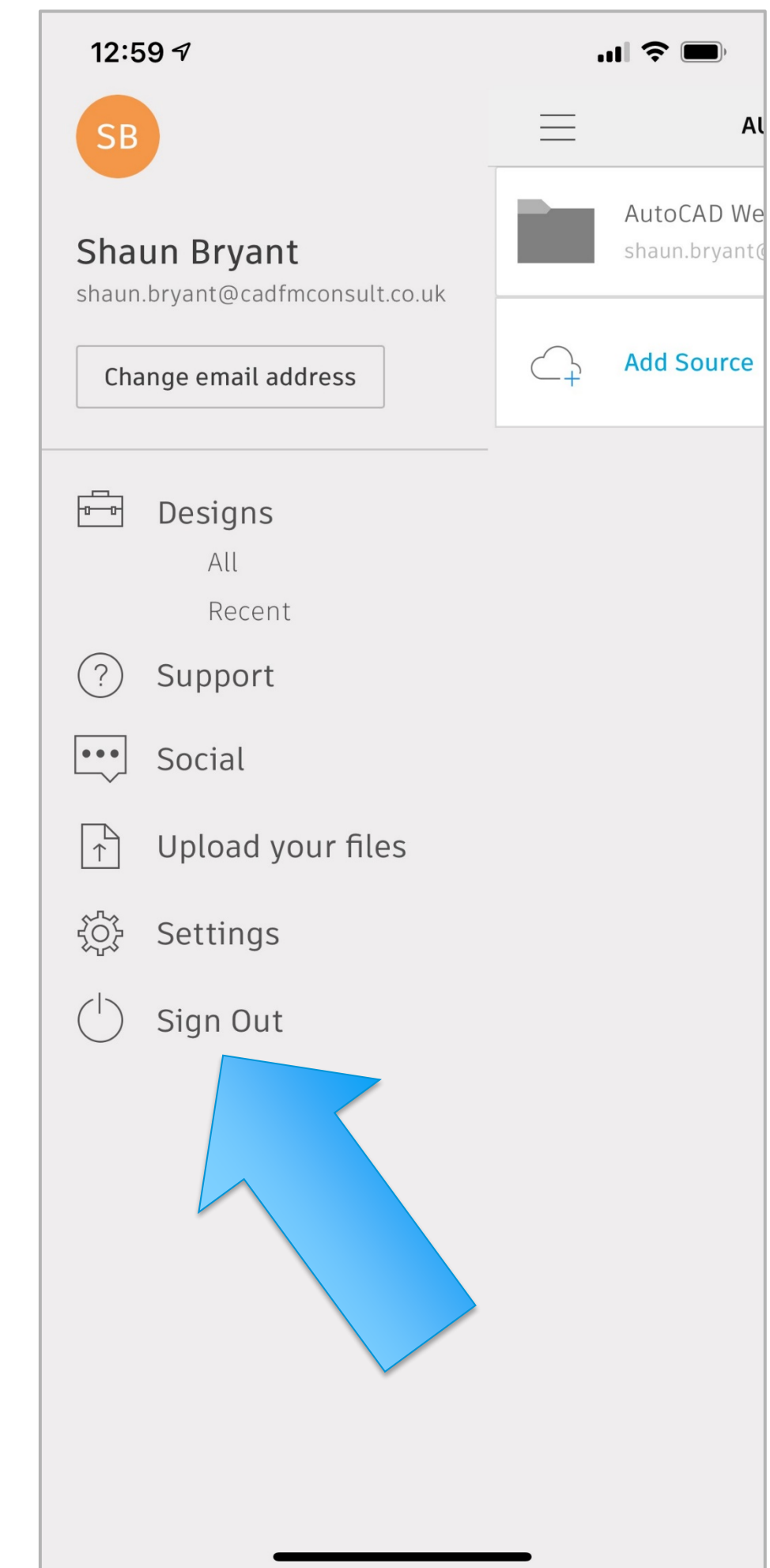
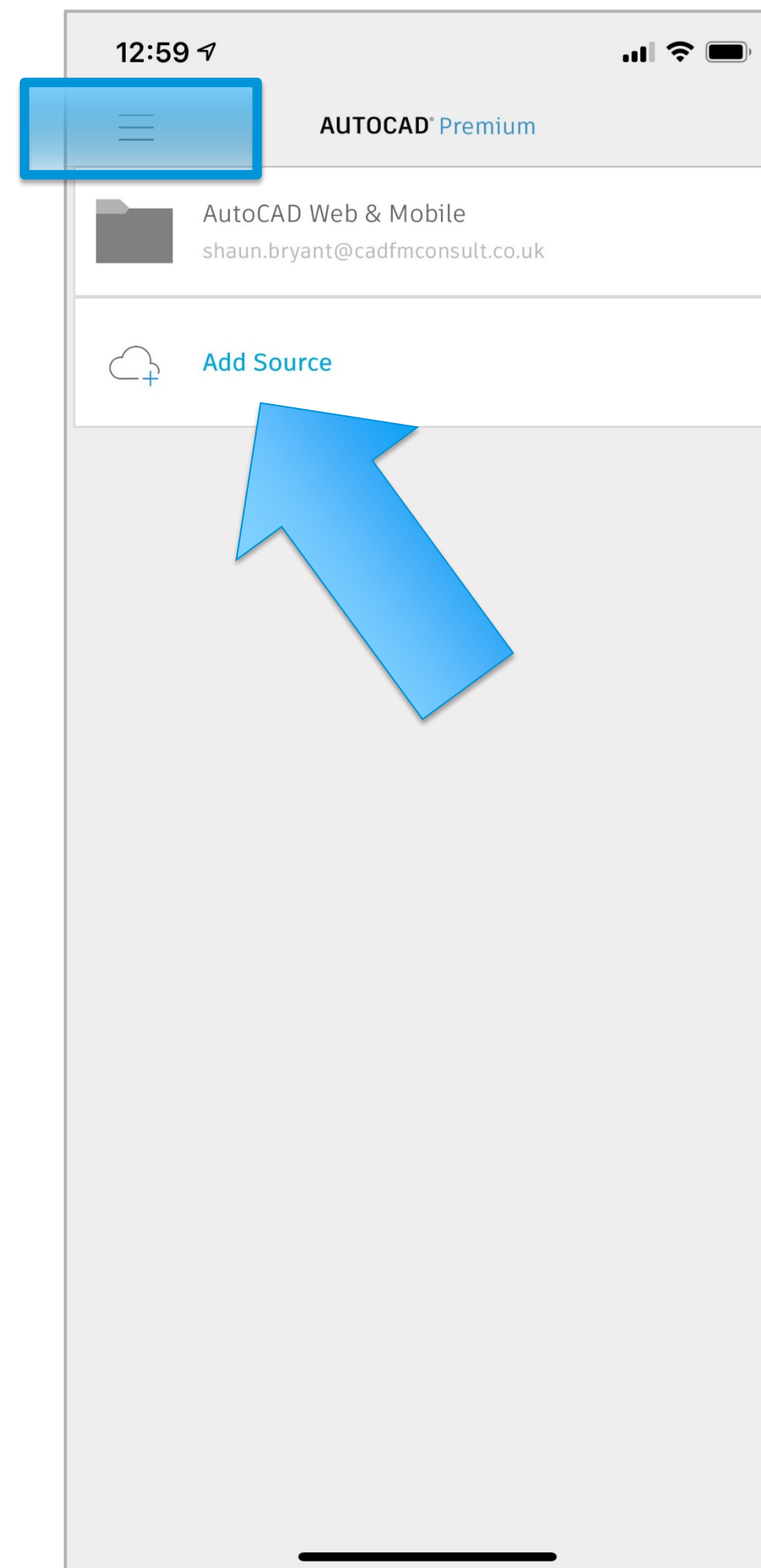


Utilizing the AutoCAD mobile app with DWG files

SIGNING OUT – PART 3

- Tap on **hamburger** icon
- Shows user profile
- Tap on **Sign Out**
- DWG saved, and all done!

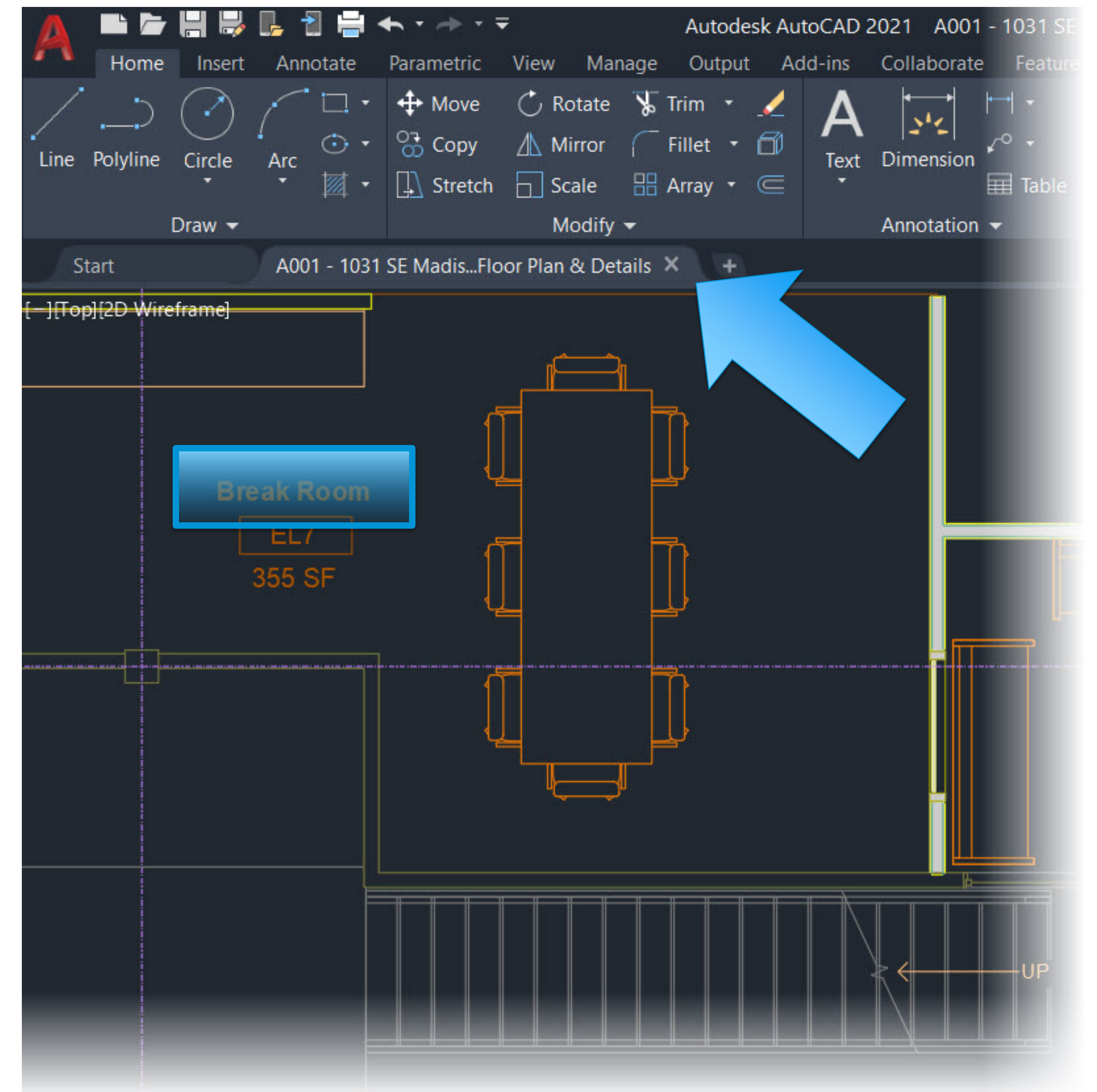
NOTE: You can **Add Source** to use other cloud based storage locations



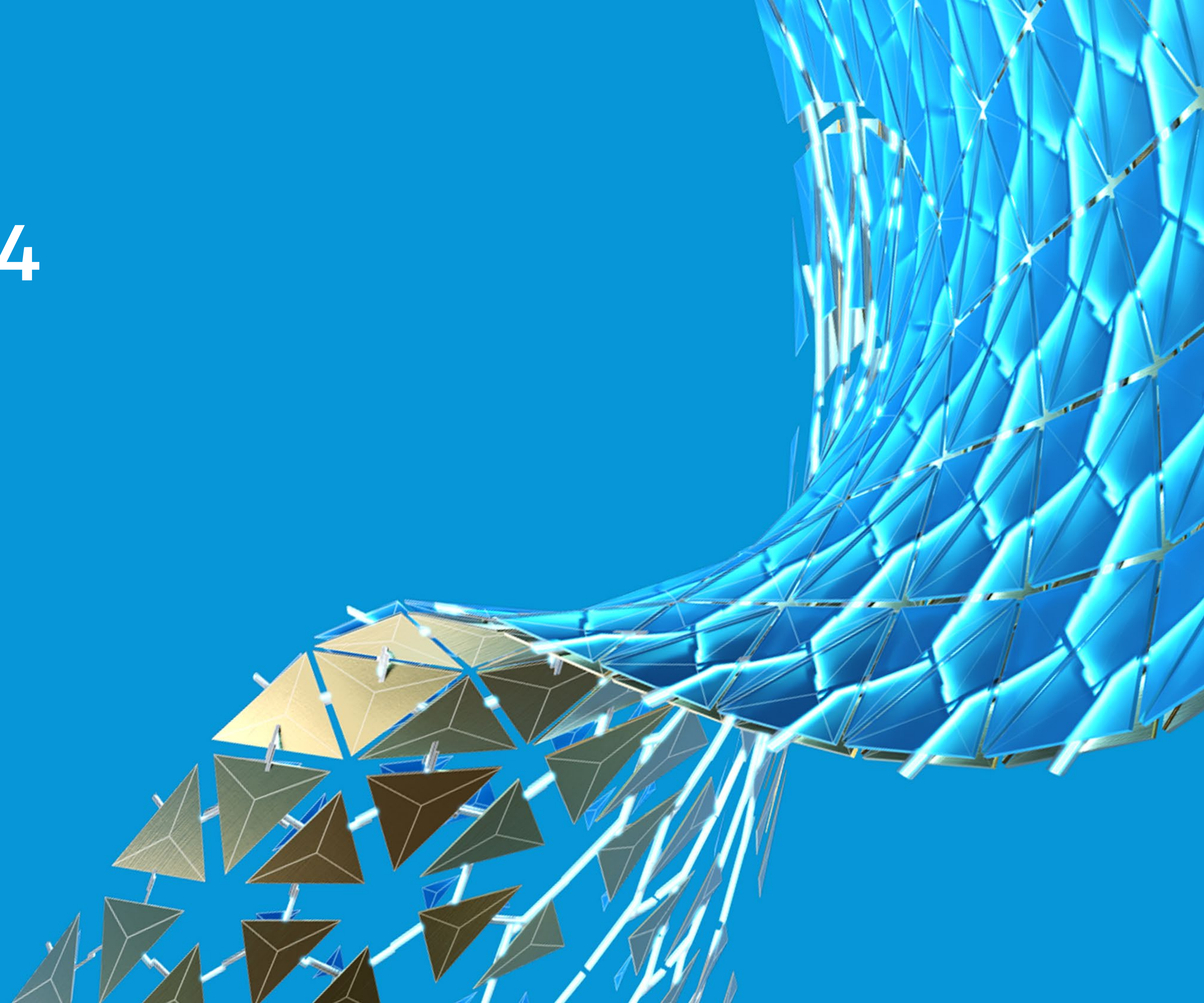
Utilizing the AutoCAD mobile app with DWG files

AutoCAD desktop app

- Signed in to Autodesk account
- Access to Web & Mobile/cloud
- Open DWG revised in mobile app
- Check changes



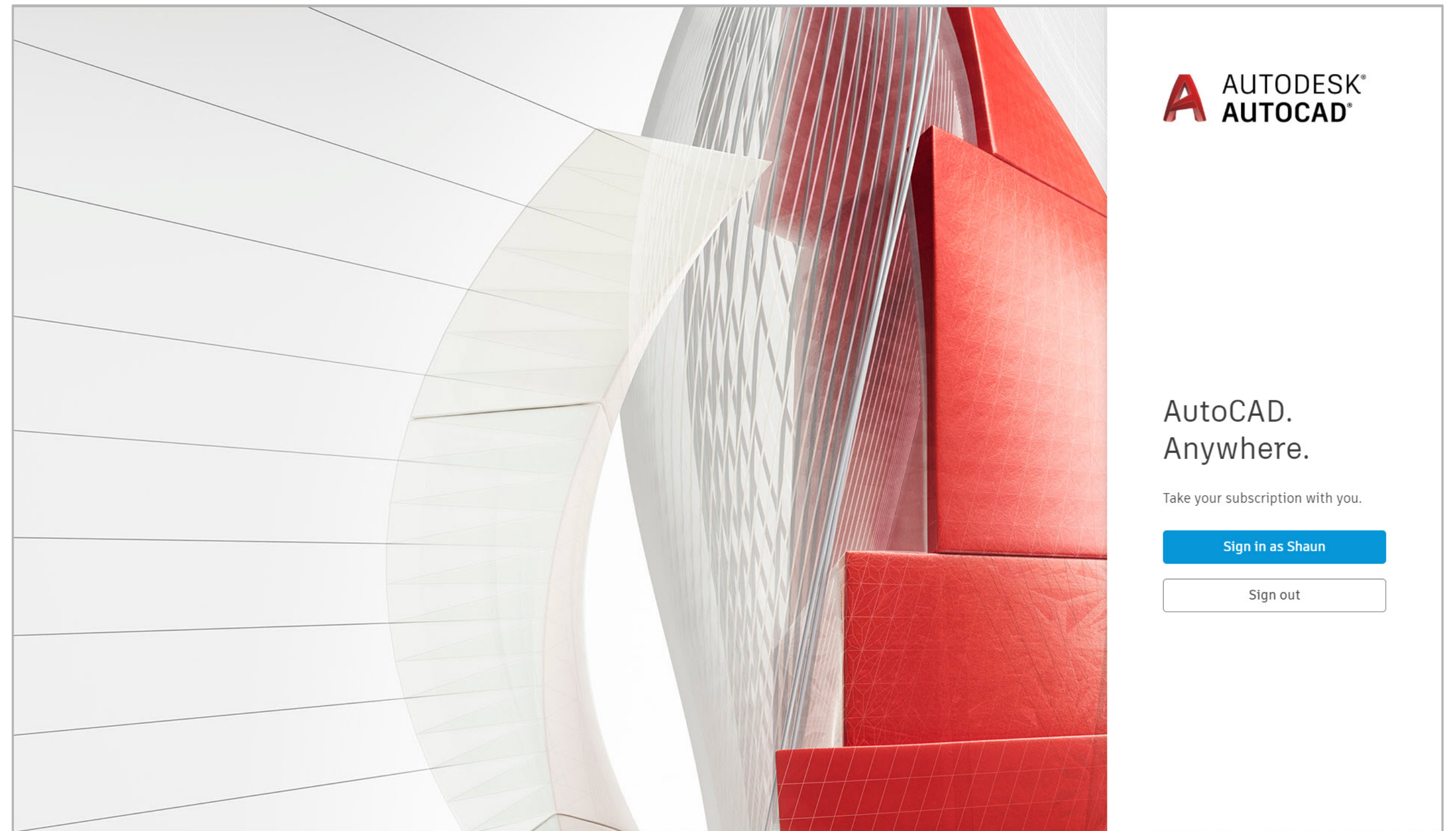
OBJECTIVE 4



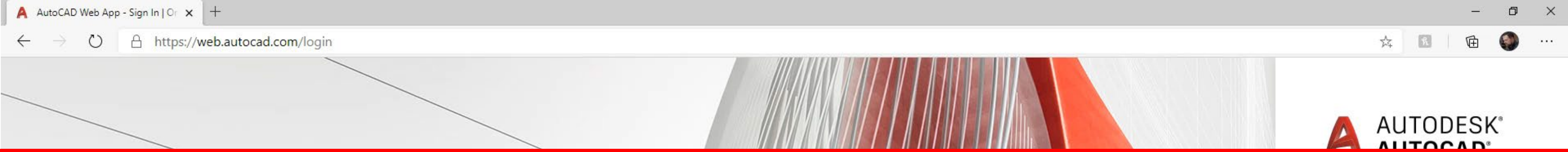
Utilizing the AutoCAD web app with DWG files

<http://web.autocad.com>

- Browser based – Edge & Chrome
- Quick access – no waiting
- Typical uses:
 - iPad Pro
 - Desktop PC (hot desking)
 - Large format tablets



Utilizing the AutoCAD web app with DWG files (VIDEO)



The screenshot shows a web browser window with the URL <https://web.autocad.com/login>. The page features a large background image of a modern building with a red and white facade. The Autodesk logo is visible in the top right corner.

To watch the AutoCAD web app video associated with this AU class at this point in the presentation, you will need to watch the video at the following YouTube location: -

<https://youtu.be/COF7nSJySNs>

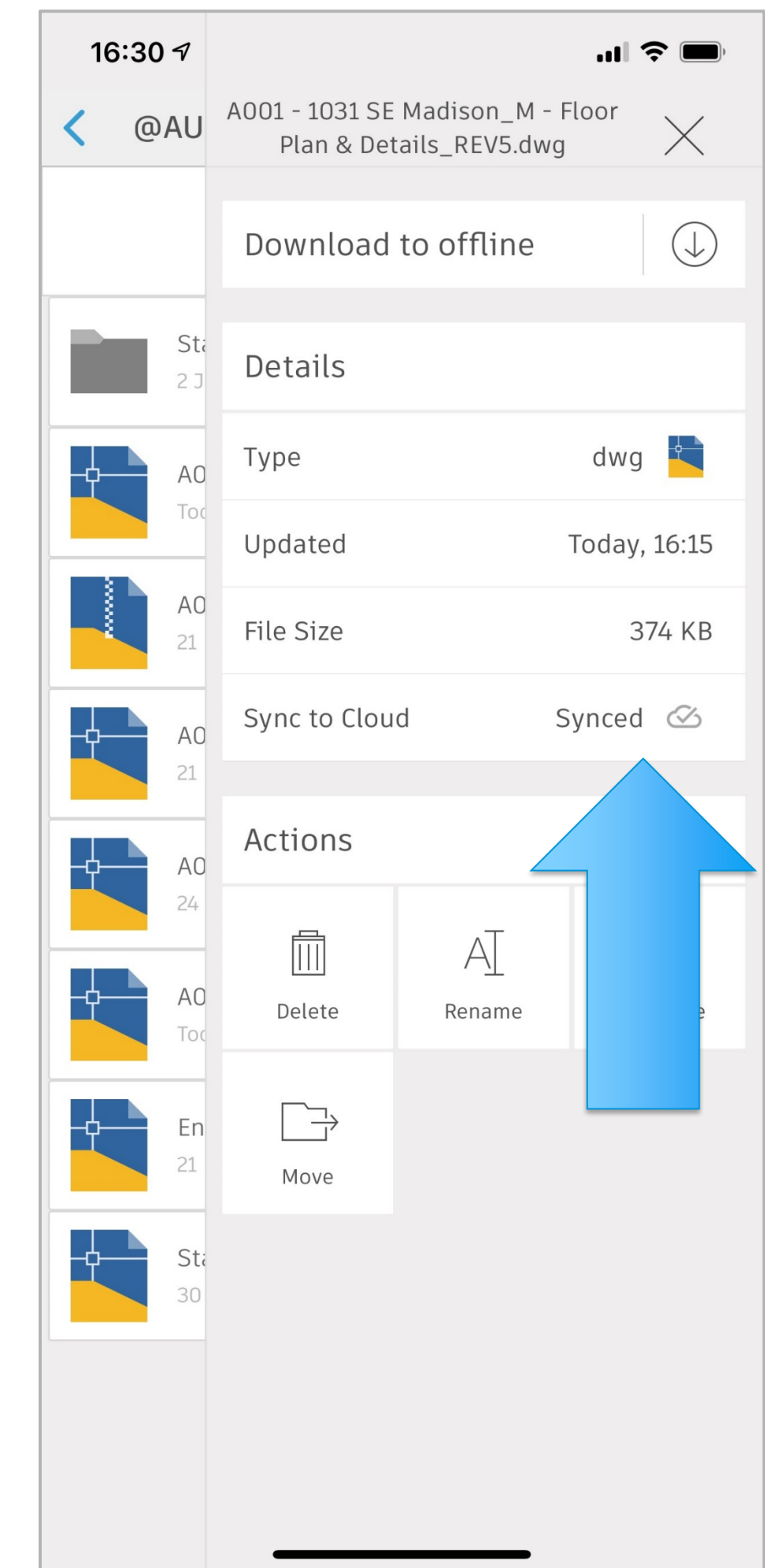
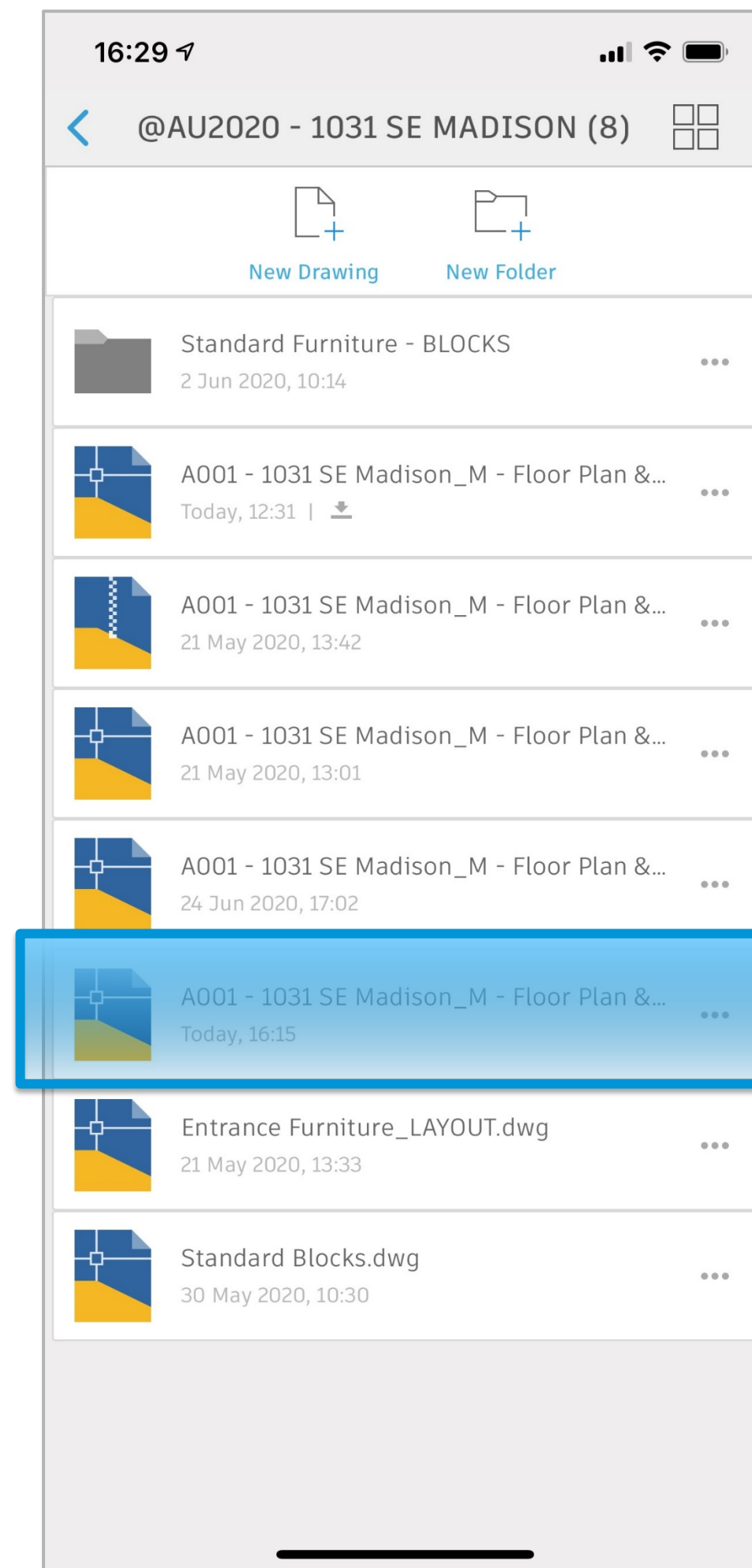
You will also find this link in the Additional Materials for this AU class.

Thank you! 😊

Sharing & communicating designs on the mobile app

REVISED DWG FILE

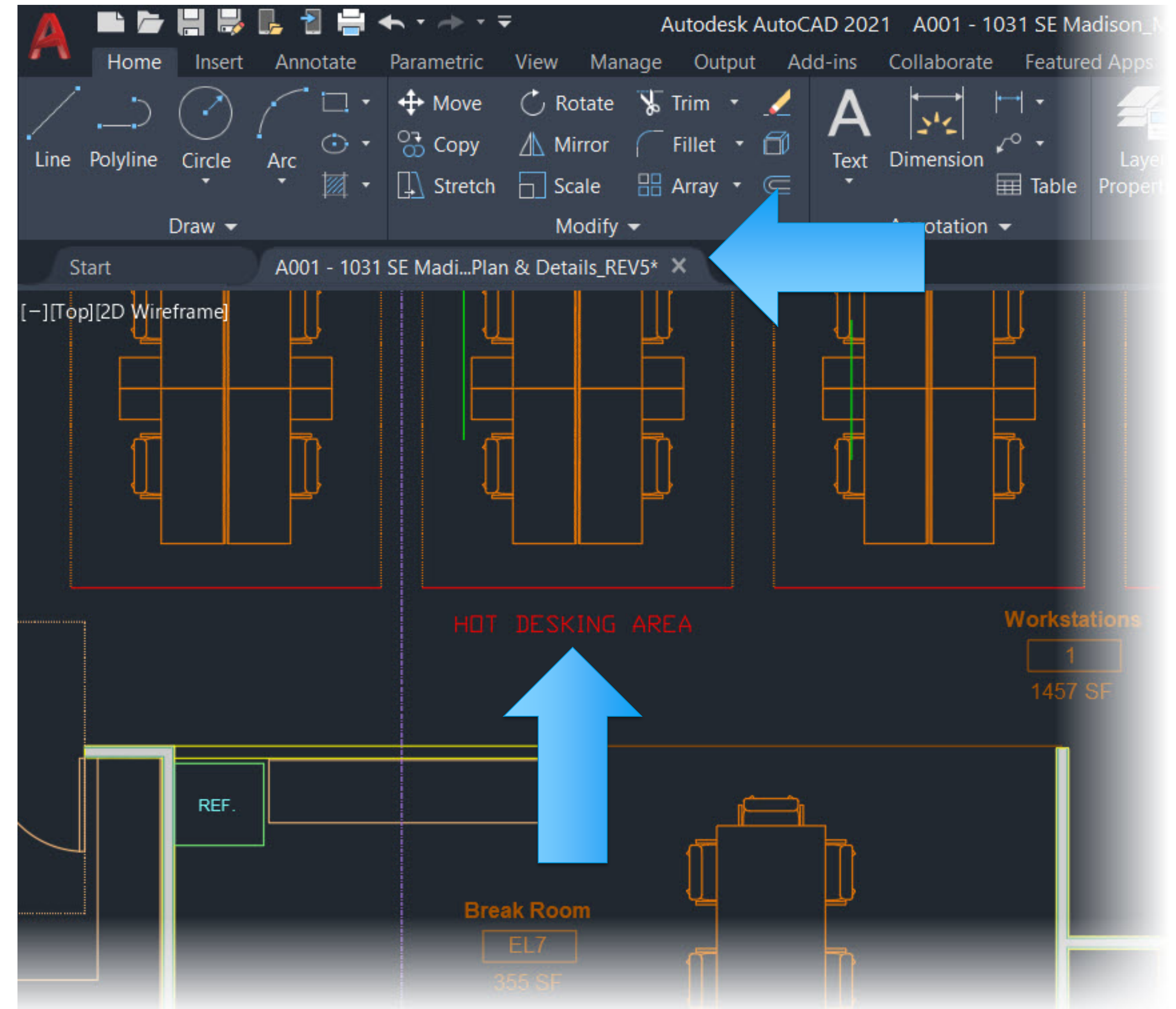
- REV5 saved in web app
- Can be opened with mobile app
- Details can be checked
- Sync with Web & Mobile/cloud



Working with the revised design in the desktop app

OPENING THE REVISED DWG FILE

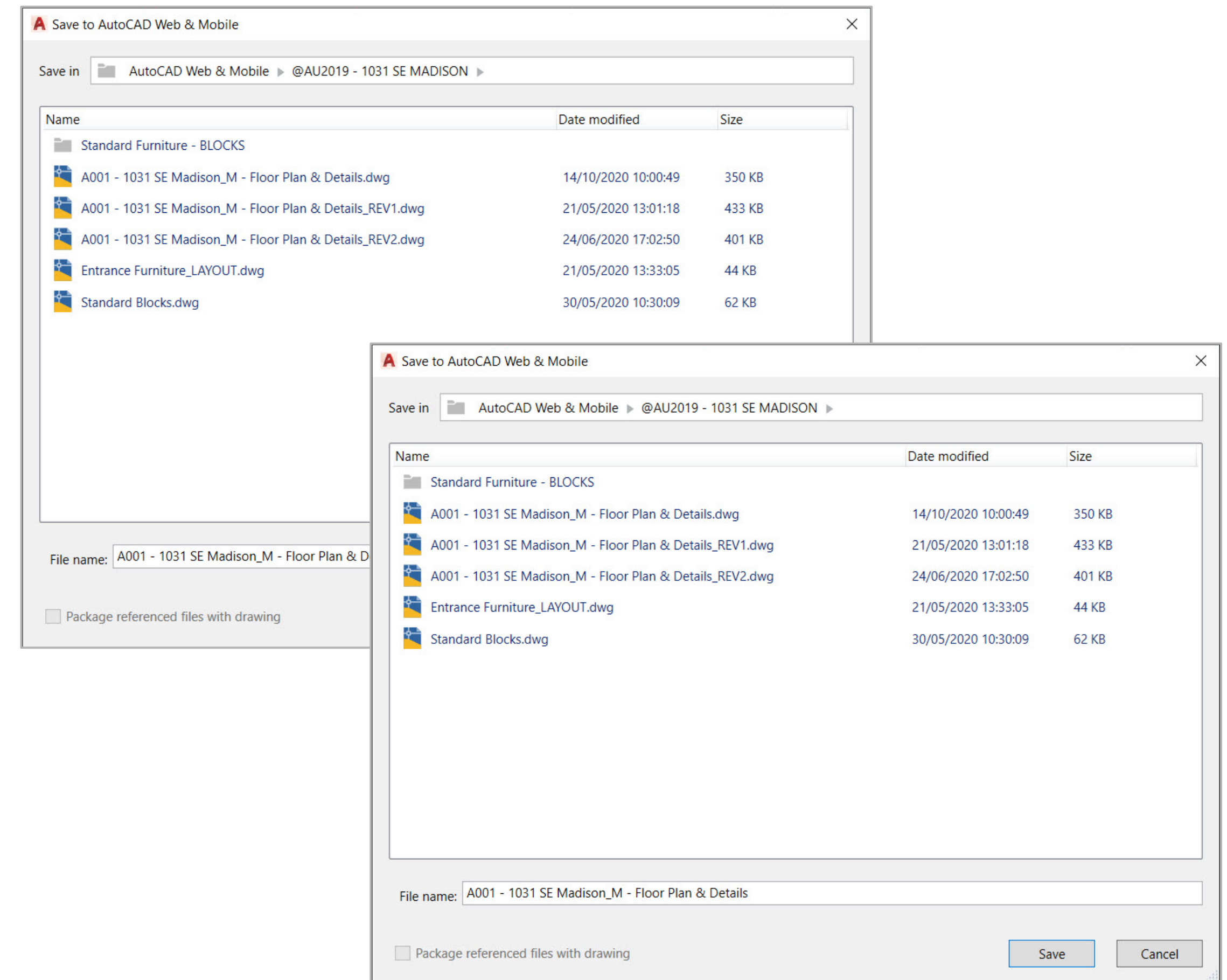
- Can be opened with desktop app
- **REV5** saved in web app
- Sync'ed with Web & Mobile/cloud
- Details can be checked



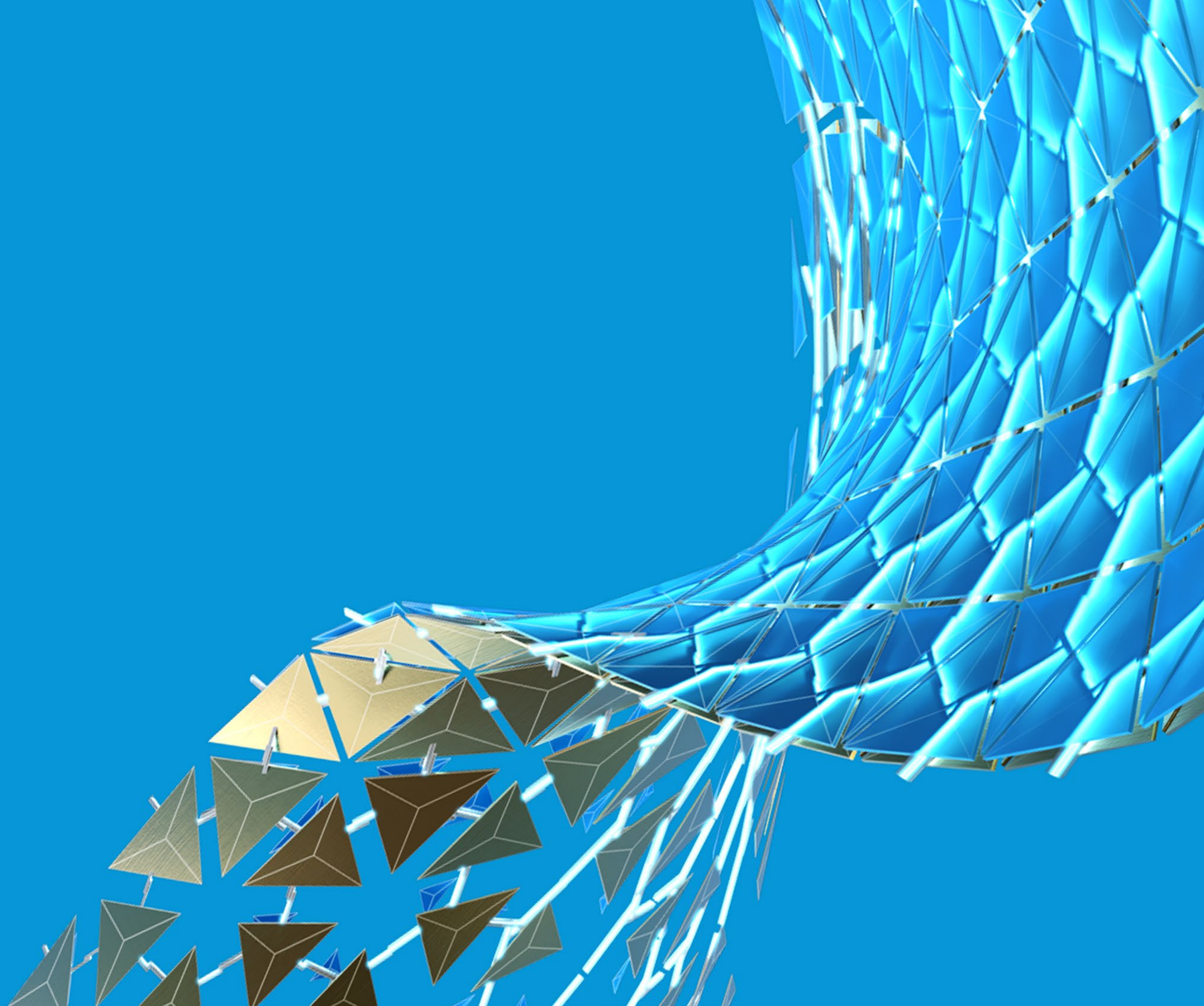
Working with the revised design in the desktop app

WEB & MOBILE/CLOUD

- SAVETOWEBMOBILE
- OPENFROMWEBMOBILE
- Other cloud providers
- Total mobility
- Seamless workflows
- Core AutoCAD technology



REVIEWING OUR OBJECTIVES



Reviewing our objectives

OBJECTIVE 1

- Learn how to use your Autodesk account
- Enable the Web & Mobile folders in the AutoCAD desktop
- Utilize cloud-based workflows



Reviewing our objectives

OBJECTIVE 2

- Save DWG files to the from the desktop app to the mobile app
- Save DWG files to the from the desktop app to the web app
- Work with cloud-based DWG files

Desktop app
to mobile
app



Desktop app
to web app



Cloud-based
DWG files

Reviewing our objectives

OBJECTIVE 3

- Opening DWG files through the AutoCAD mobile app
- Editing DWG files through the AutoCAD mobile app
- Saving DWG files in the AutoCAD mobile app

DWG files in
the AutoCAD
mobile app



Editing and
saving DWG
files



**Mobility/seamless
workflows**

Reviewing our objectives

OBJECTIVE 4

- Opening DWG files through the AutoCAD web app
- Editing DWG files through the AutoCAD web app
- Saving DWG files in the AutoCAD web app

DWG files in
the AutoCAD
web app



Editing and
saving DWG
files



**Mobility/seamless
workflows**

Using mobile technology, combined with the **AutoCAD web app** and **AutoCAD mobile app**, gives you incredible mobility, utilizing **core AutoCAD technology**. This provides you with seamless workflows and processes when collaborating with not just your CAD team, but with stakeholders and clients as well.

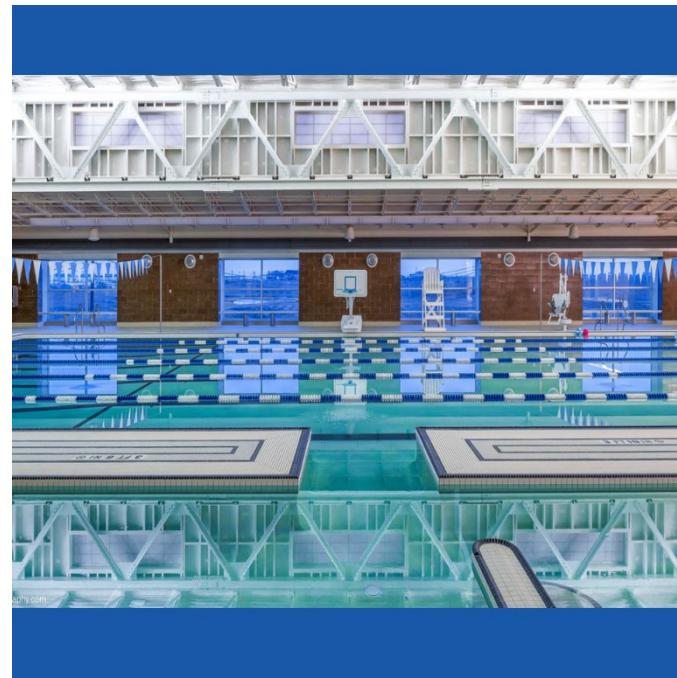
In fact, both AutoCAD apps give you, as a designer, an incredible amount of flexibility and, more importantly, the ability (and mobility) to, quite literally....

....MAKE ANYTHING, anywhere.



Thank you, (virtual) audience!

Keep an eye out for the **LIVE** Q&A!!



Want to see your work be featured by Autodesk?

Share your story with us

Go to: autode.sk/autocadstory



We know that the best way to tell the AutoCAD story is to tell the stories about the people who use it.

Share your story with Autodesk for a chance to be featured in their upcoming marketing efforts.

Stay in touch!

Email: shaun.bryant@cadfmconsult.co.uk

Twitter: @notjustcad

LinkedIn: <https://www.linkedin.com/in/cadfmconsult/>

Web: www.cadfmconsult.co.uk

Instagram: @notjustcad

TAKEAWAY TIP:

Share your LinkedIn QR codes to stay in touch. Quicker than a business card!



Shaun 'SCB' Bryant, ACI
Autodesk Certified Instructor | LinkedIn
Learning [in]structor | Author - Tinkercad For...





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