

AutoCAD: Using the AutoCAD web app (or....yes, AutoCAD, in a browser!)

Shaun Bryant

Director – CADFMconsultants

CS317864



@notjustcad



Shaun Bryant (who is this guy anyway?)



© 2014 Shaun C Bryant (Music) Ltd.
All rights reserved.

- 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
- 31+ years of AutoCAD experience
- 10+ 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

Online Learning

- Class is based around my LinkedIn Learning online course
- <http://www.linkedin.com/learning>



KEYWORDS

AutoCAD
on the internet
in a browser.
Anywhere.

AutoCAD.
Web.
App.

AutoCAD.
Anywhere.

Take your subscription with you.

Sign in as Shaun

Sign out

Our objectives today...

1.

Learn how to save from AutoCAD desktop to your web and mobile apps

2.

Learn how to utilize the AutoCAD web app interface with DWG files

3.

Learn how to share and communicate your designs quickly with the AutoCAD mobile app

4.

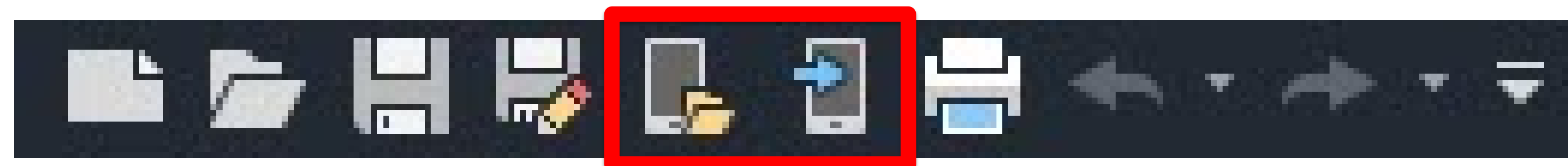
Learn how to synchronize and work with your revised designs in your AutoCAD desktop app

Objective 1

Learn how to save from AutoCAD desktop to your web and mobile apps

Open from Web & Mobile (**OPENFROMWEBMOBILE**)

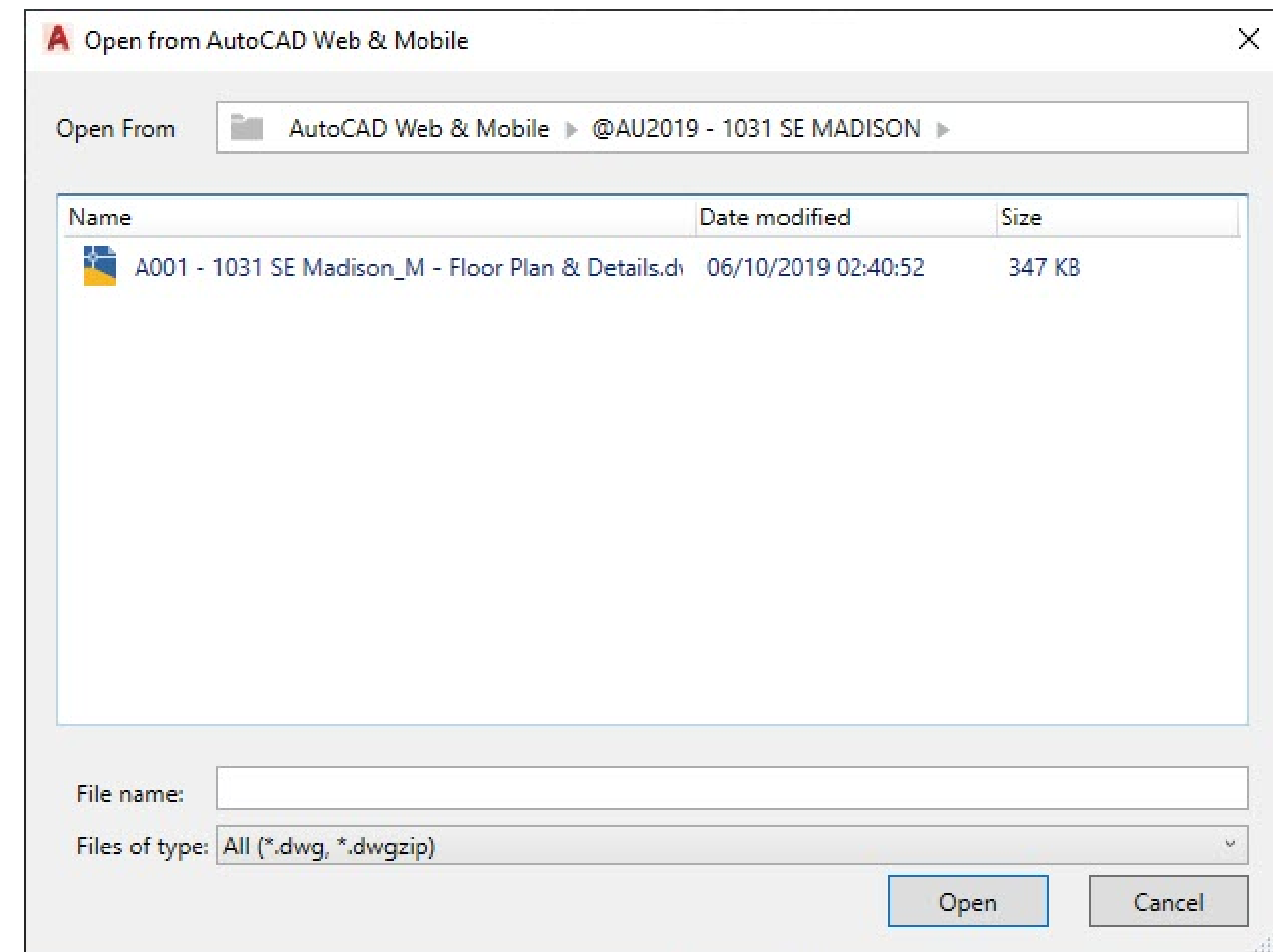
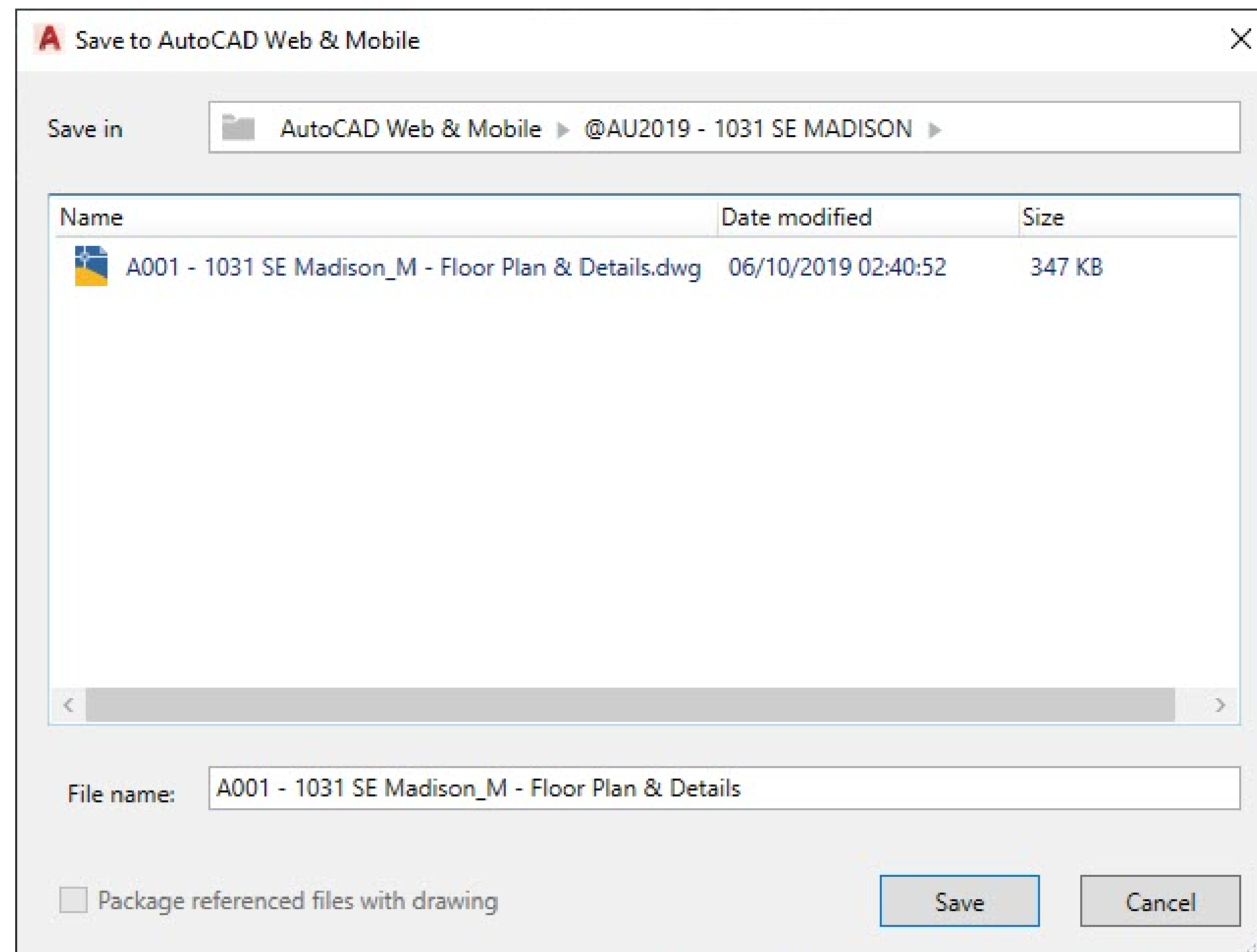
Save to Web & Mobile (**SAVETOWEBMOBILE**)



Objective 1 (cont'd...)

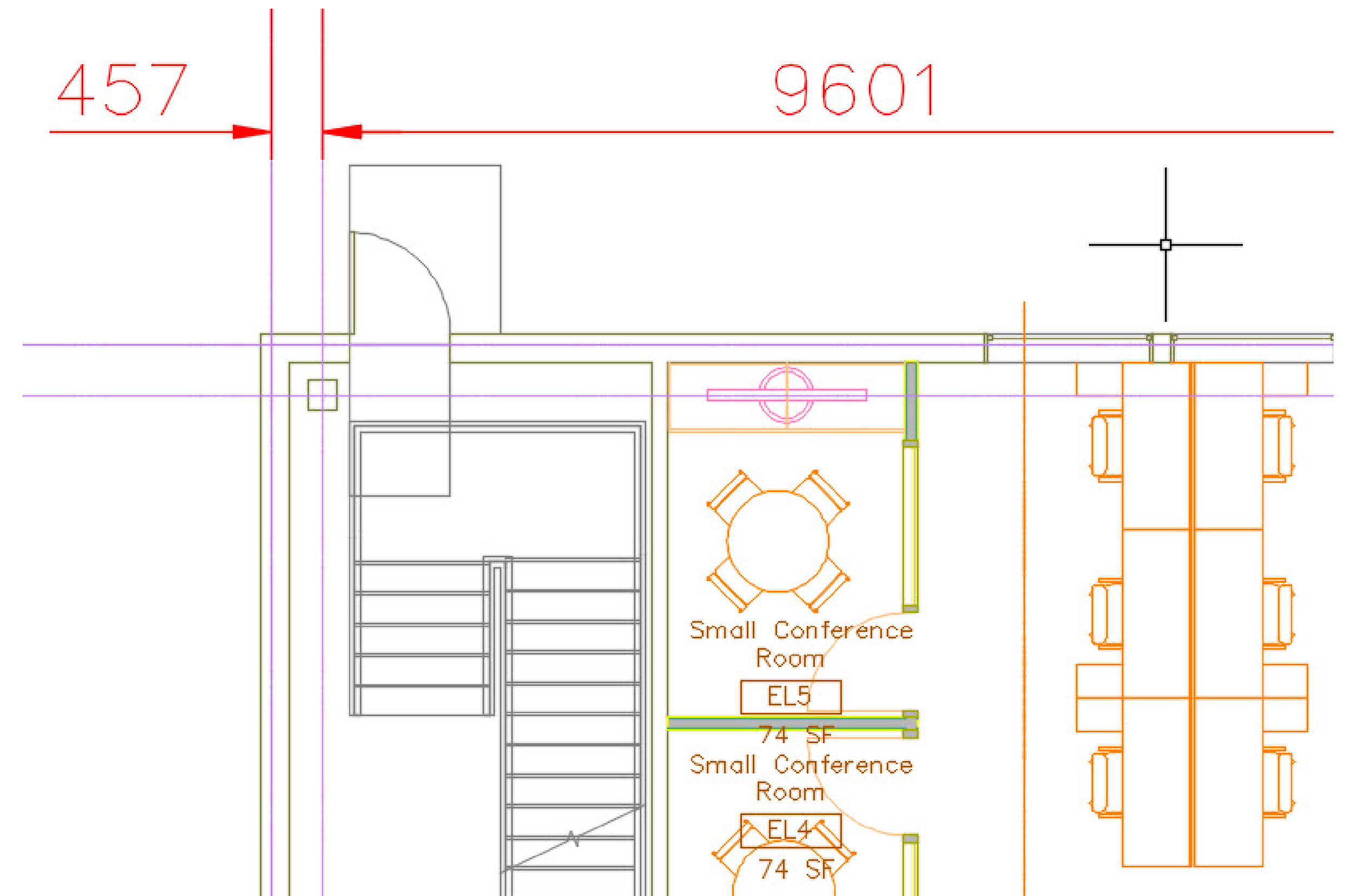
Learn how to save from AutoCAD 2020 to your web and mobile apps

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



TAKEAWAY TIP!!

Work with the app that most suits your device. If you are working with an iPad Pro with a larger screen, consider the AutoCAD web app, as a browser works well with that sized device. If your device is smaller, say an iPhone, use the AutoCAD mobile app as it is designed for smaller devices.



Objective 2

Learn how to utilize the AutoCAD web app interface with DWG files

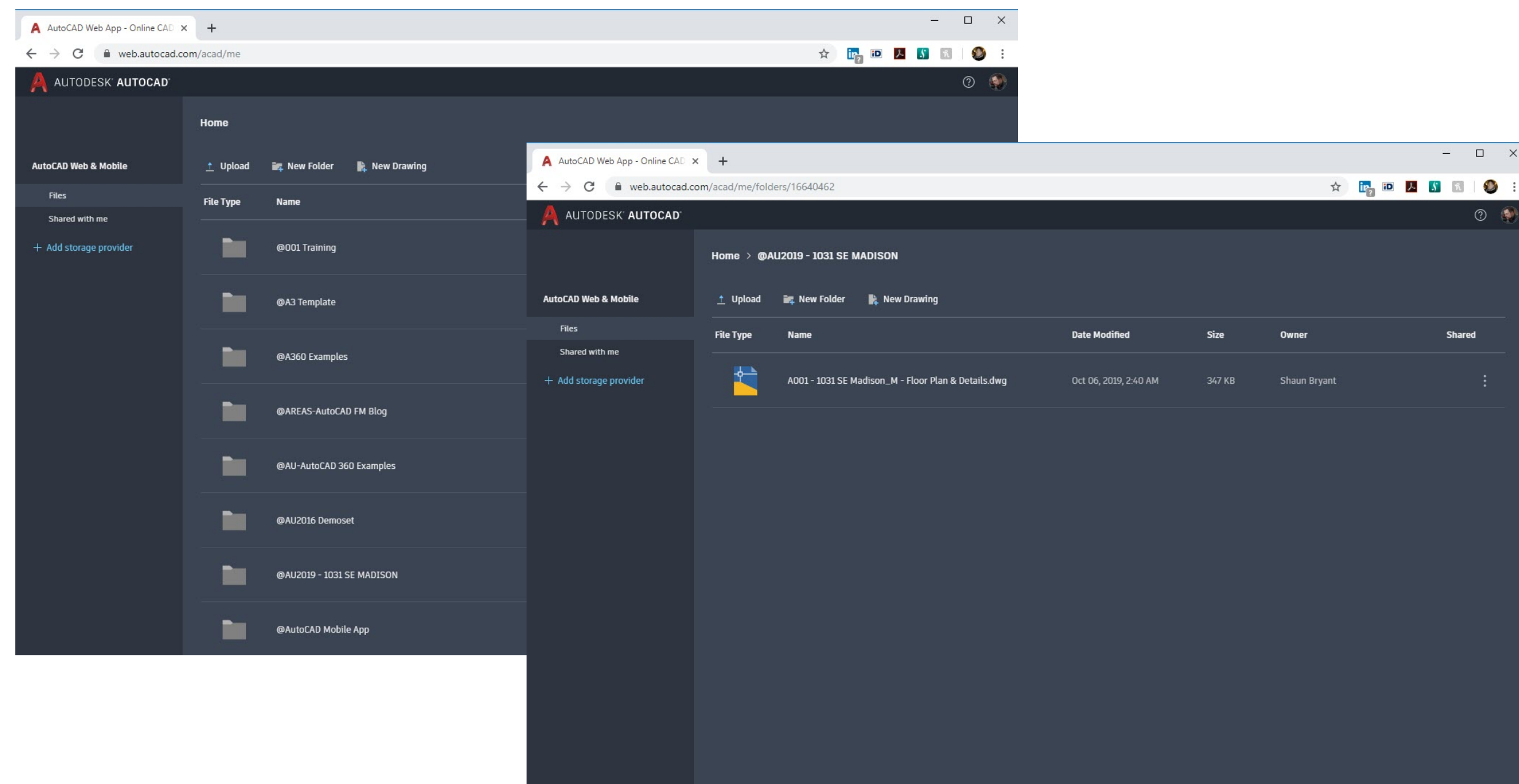


<http://web.autocad.com>

Objective 2 (cont'd...)

Learn how to utilize the AutoCAD web app interface with DWG files

- File management
- Uploading
- New folder
- New drawing

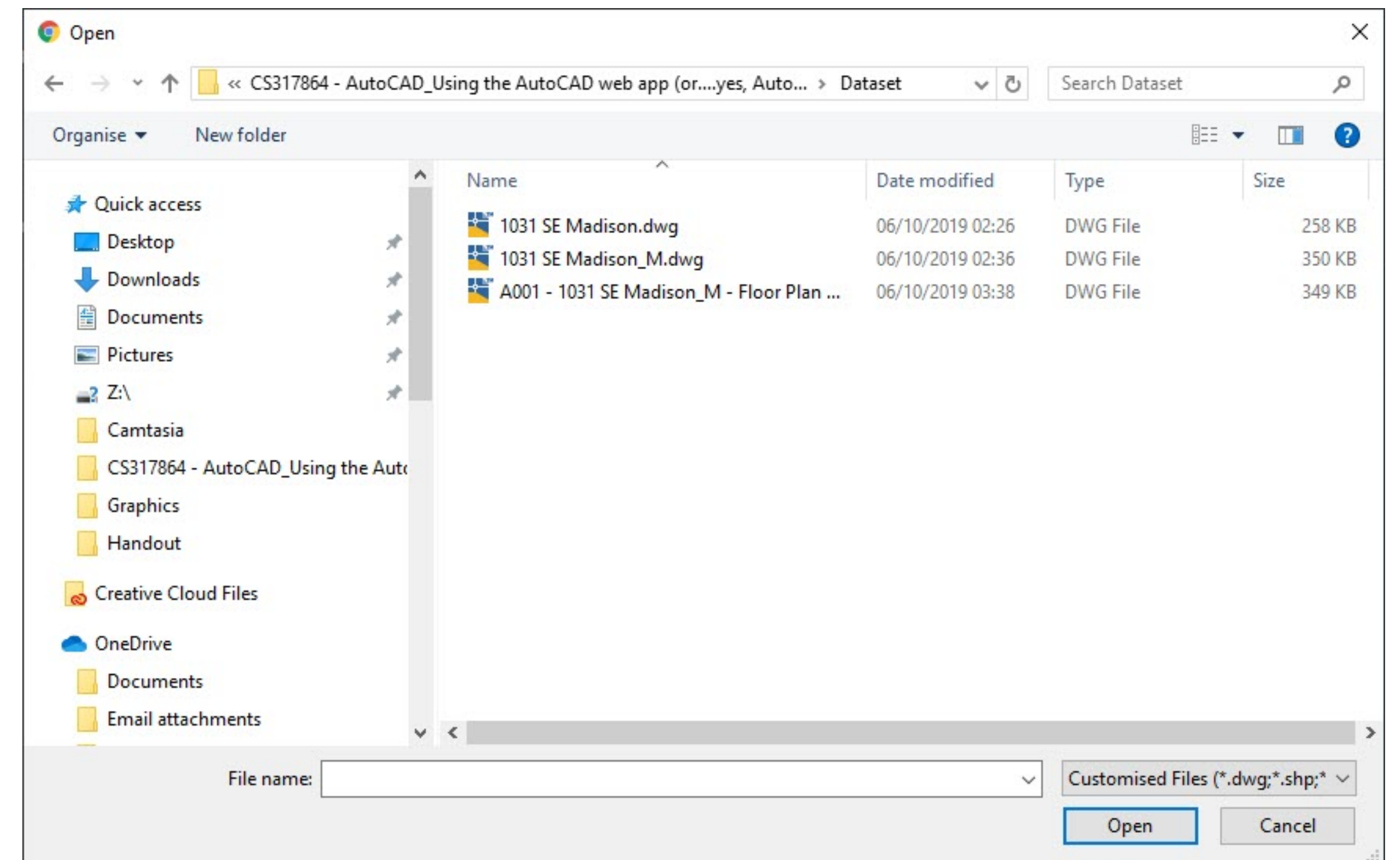


Objective 2 (cont'd...)

Upload (client/server)

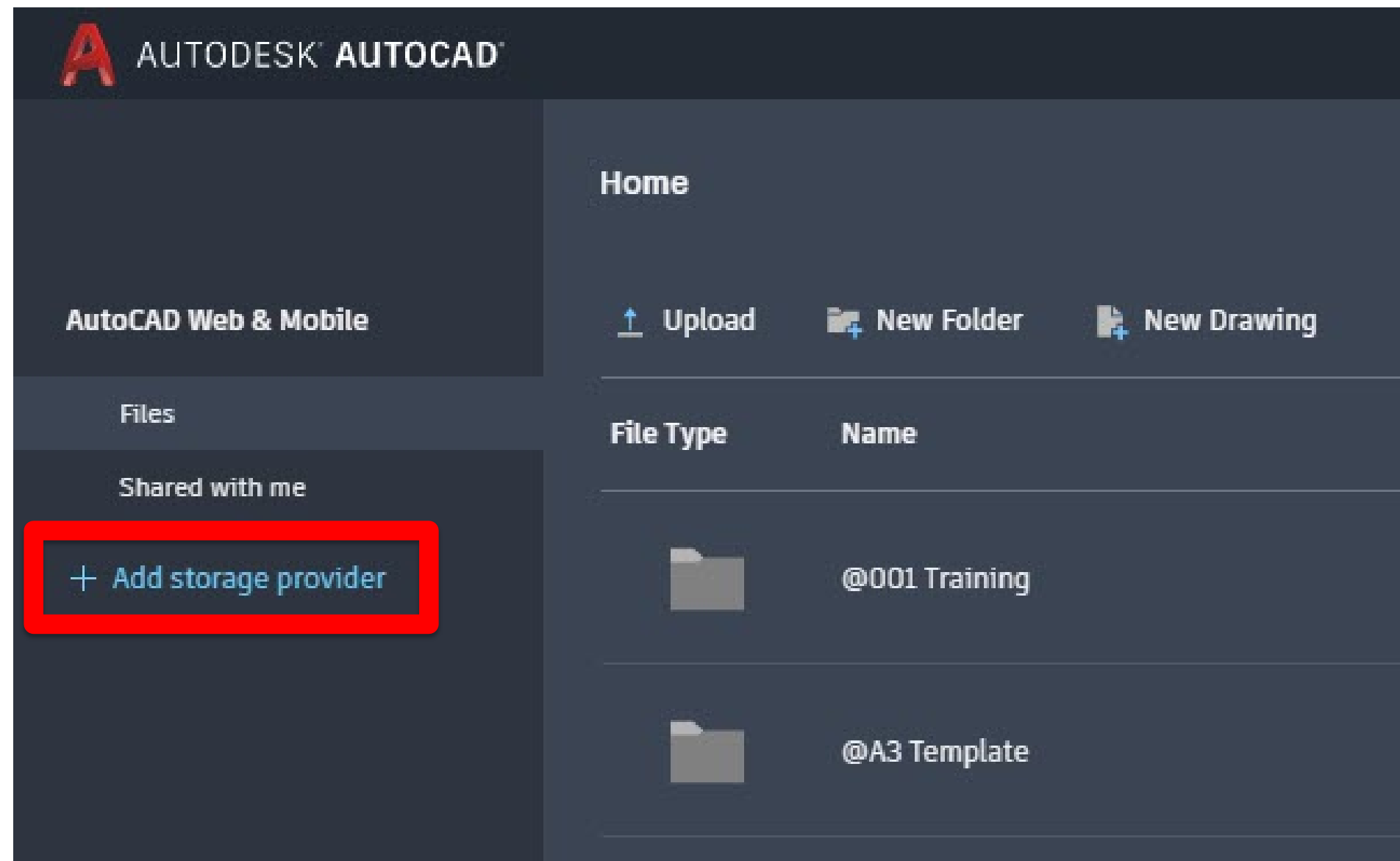


- File from local drive/server
- Saved in the cloud
- New folders can be created

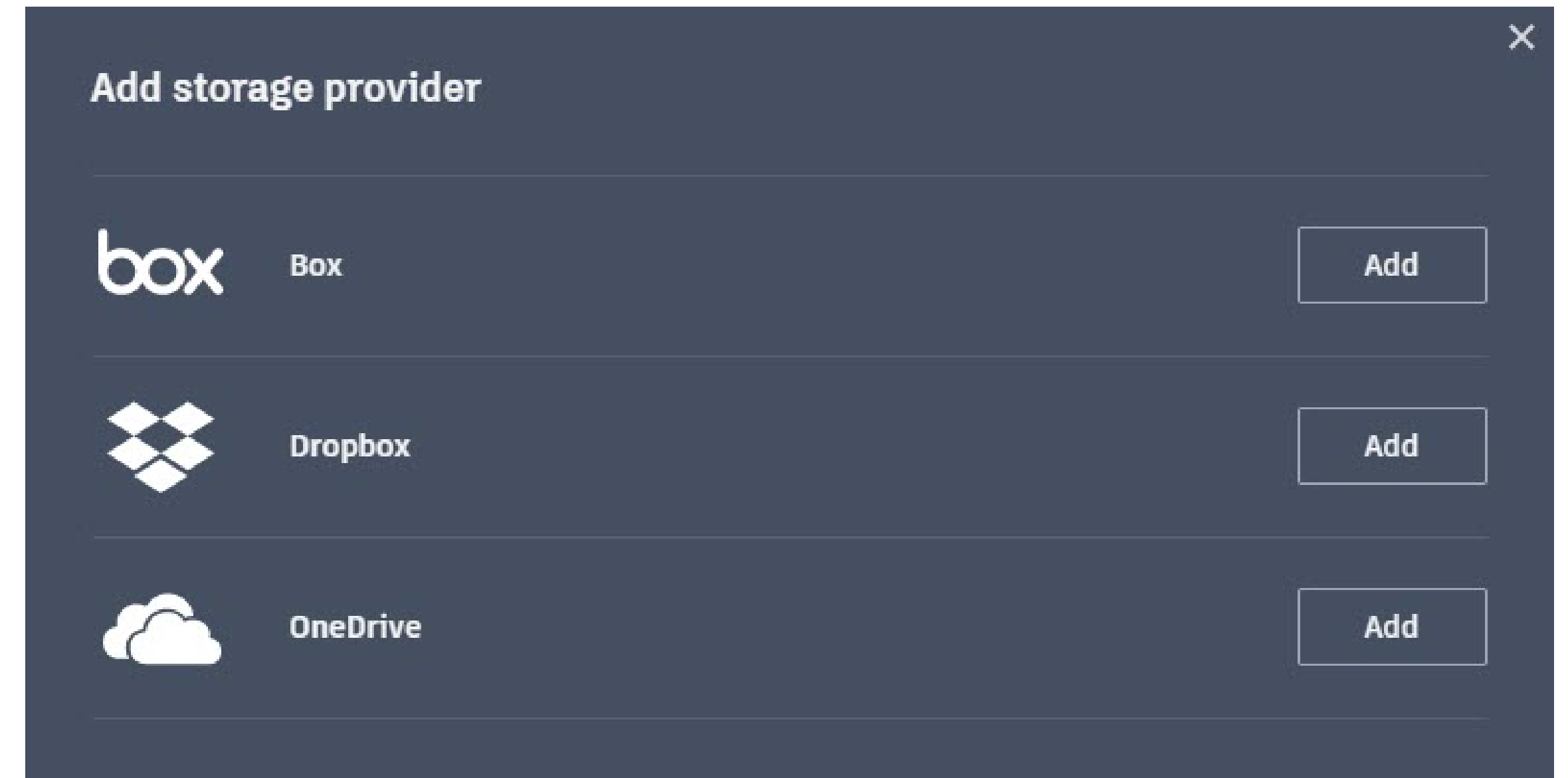


Objective 2 (cont'd...)

Upload (cloud storage provider)



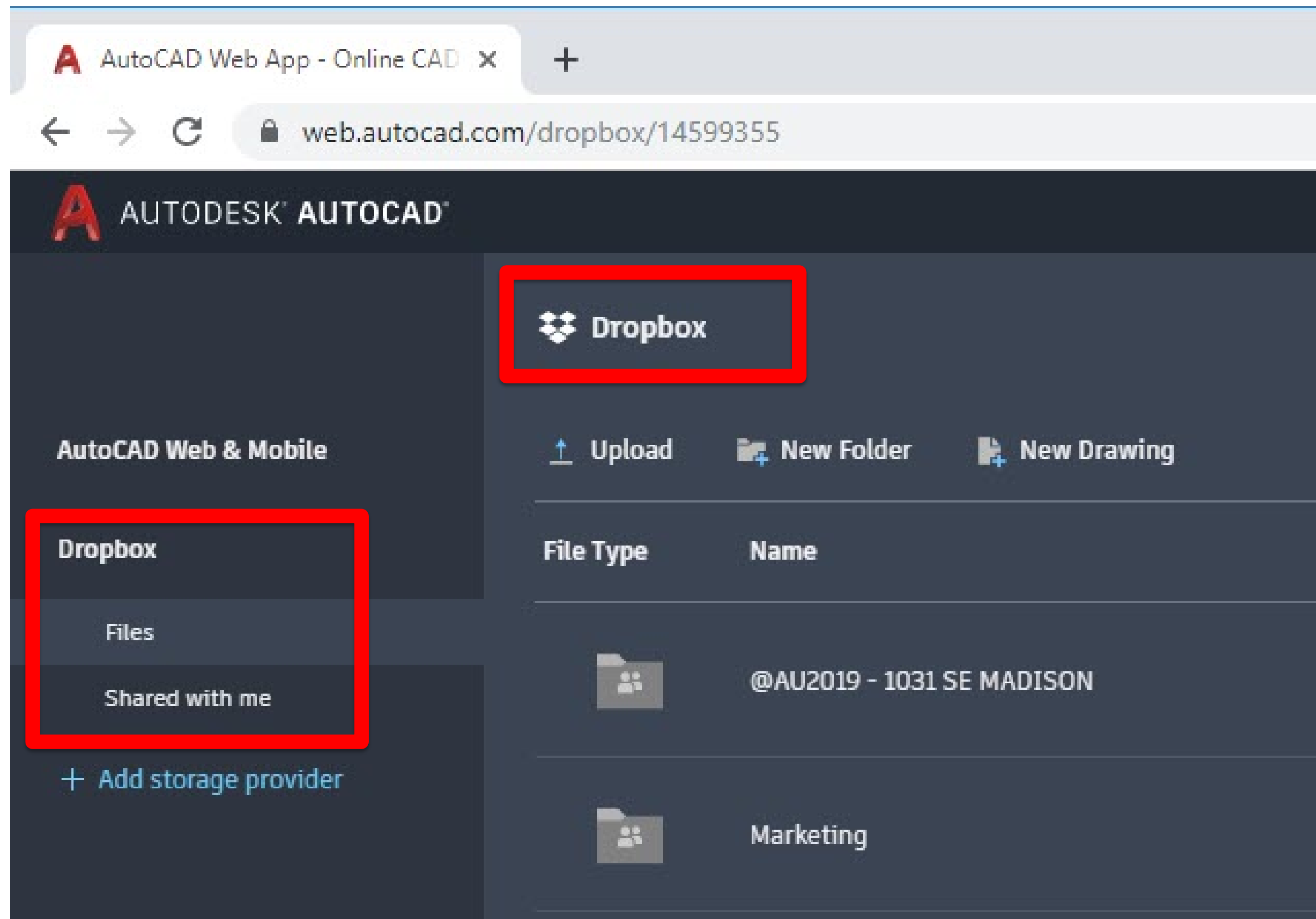
- Add cloud provider
- Most major providers
- Frees local storage



- Box
- Dropbox
- OneDrive

Objective 2 (cont'd...)

Upload (cloud storage provider)



Dropbox

- Files
- Shared with me

Objective 2 (cont'd...)

Creating a new folder



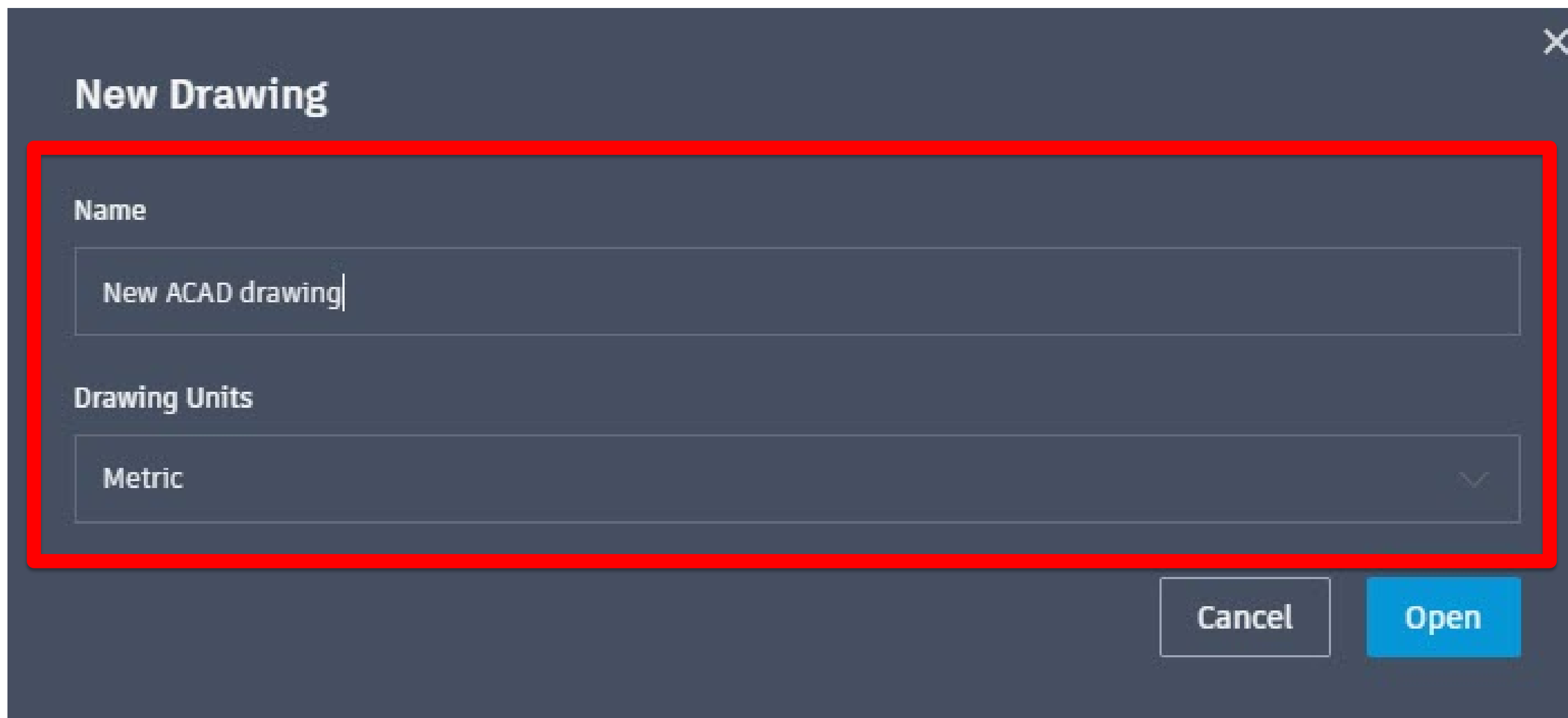
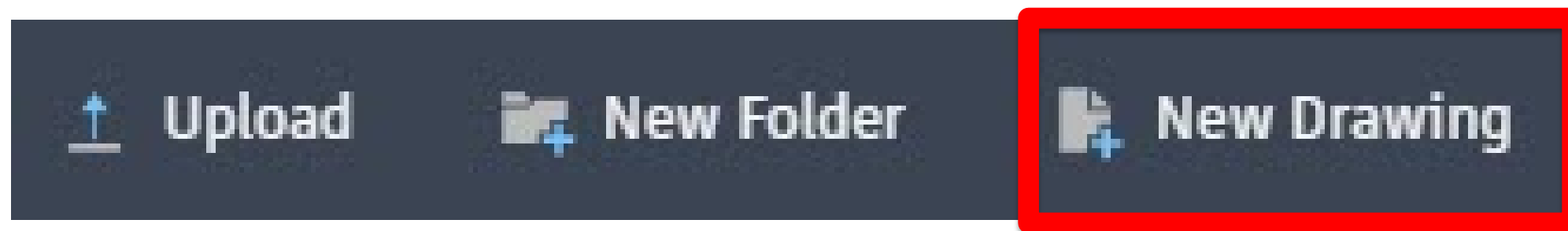
Location

- AutoCAD web/mobile
- Cloud (preferred provider)

Home						
<div><div> Upload</div><div> New Folder</div><div> New Drawing</div></div>						
File Type	Name	Date Modified	Size	Owner	Shared	
	<u>New Folder</u>	Oct 13, 2019, 5:07 AM	-	-	✕	
	@001 Training	-	-	Shaun Bryant	⋮	

Objective 2 (cont'd...)

Adding a new drawing

A screenshot of a 'New Drawing' dialog box. The dialog has a title bar with the text 'New Drawing' and a close button (X). Inside, there are two main sections: 'Name' and 'Drawing Units'. The 'Name' section has a text input field containing 'New ACAD drawing'. The 'Drawing Units' section has a dropdown menu currently showing 'Metric'. A red rectangular box highlights the entire content area of the dialog, including both input fields. At the bottom right of the dialog are two buttons: 'Cancel' and 'Open'.

Settings

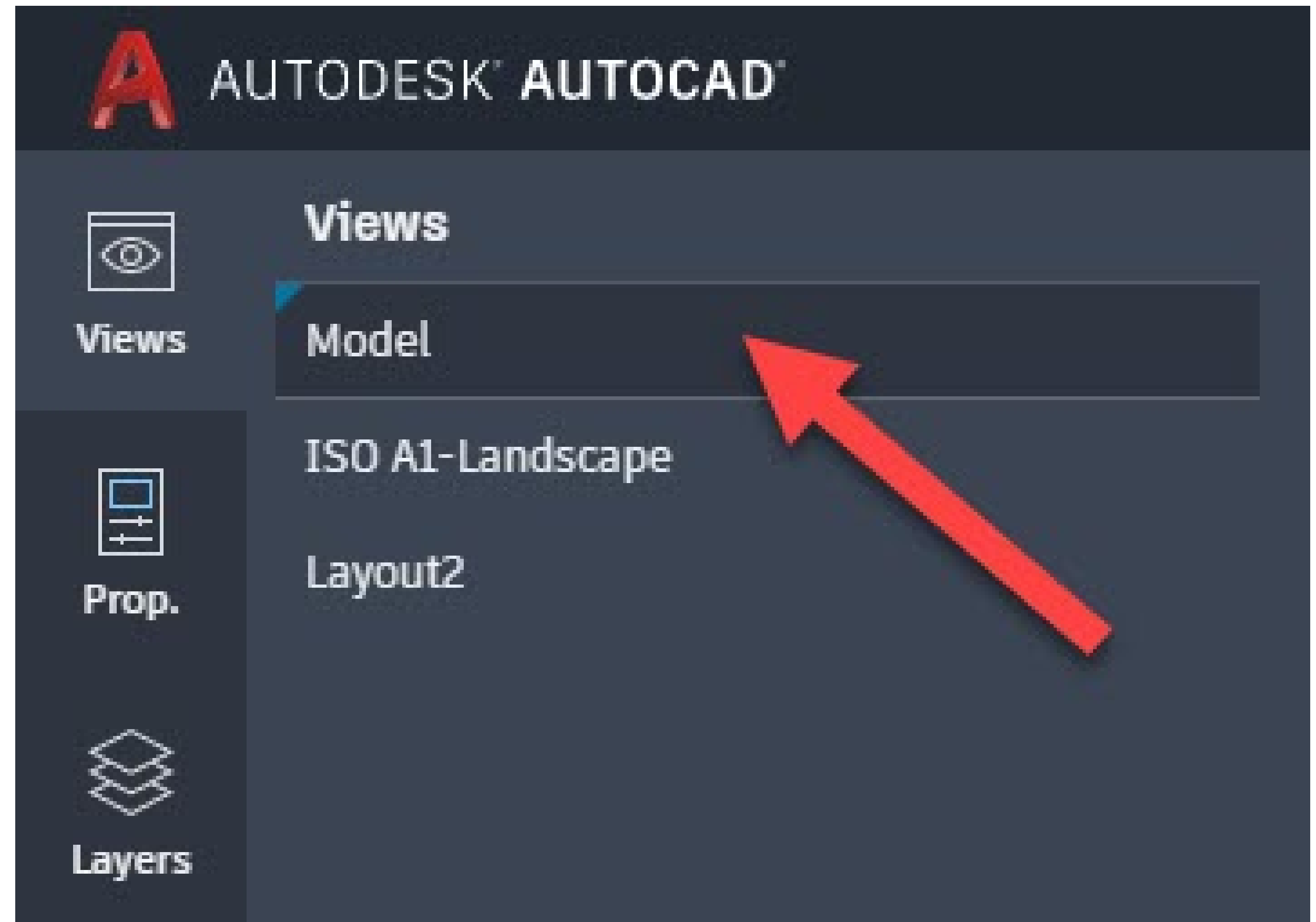
- Name
- Drawing units

Objective 2 (cont'd...)

Views and Properties

Working with views

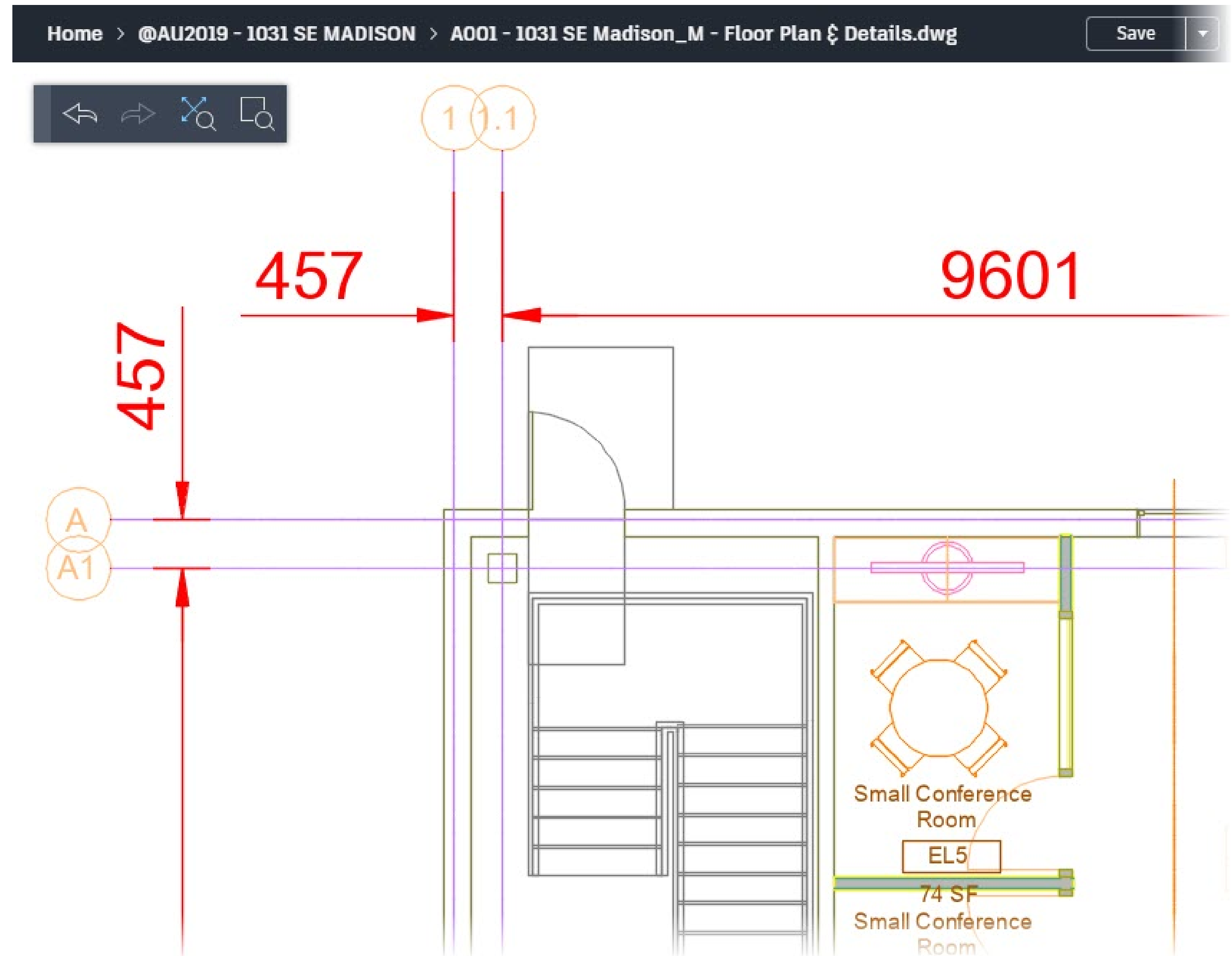
- Model tab
- Layout tabs



Objective 2 (cont'd...)

Working with WYSIWYG

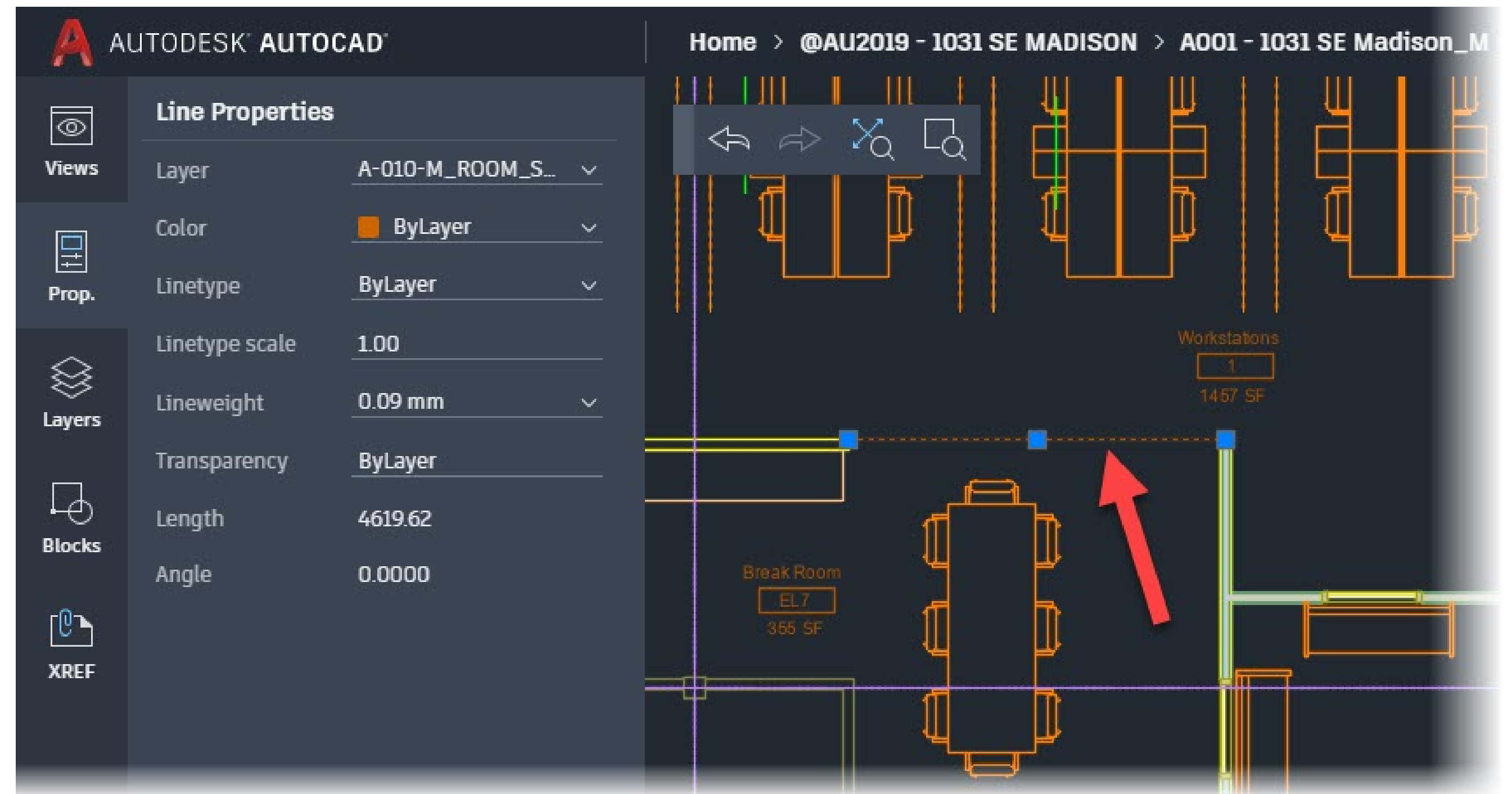
- Default: **SIMPLEX.SHX**
- Line thickness
- Linetypes



Objective 2 (cont'd...)

Changing object properties

- **Prop.** icon on left hand menu
- Layer
- Color
- Linetype
- Linetype scale
- Lineweight
- Transparency

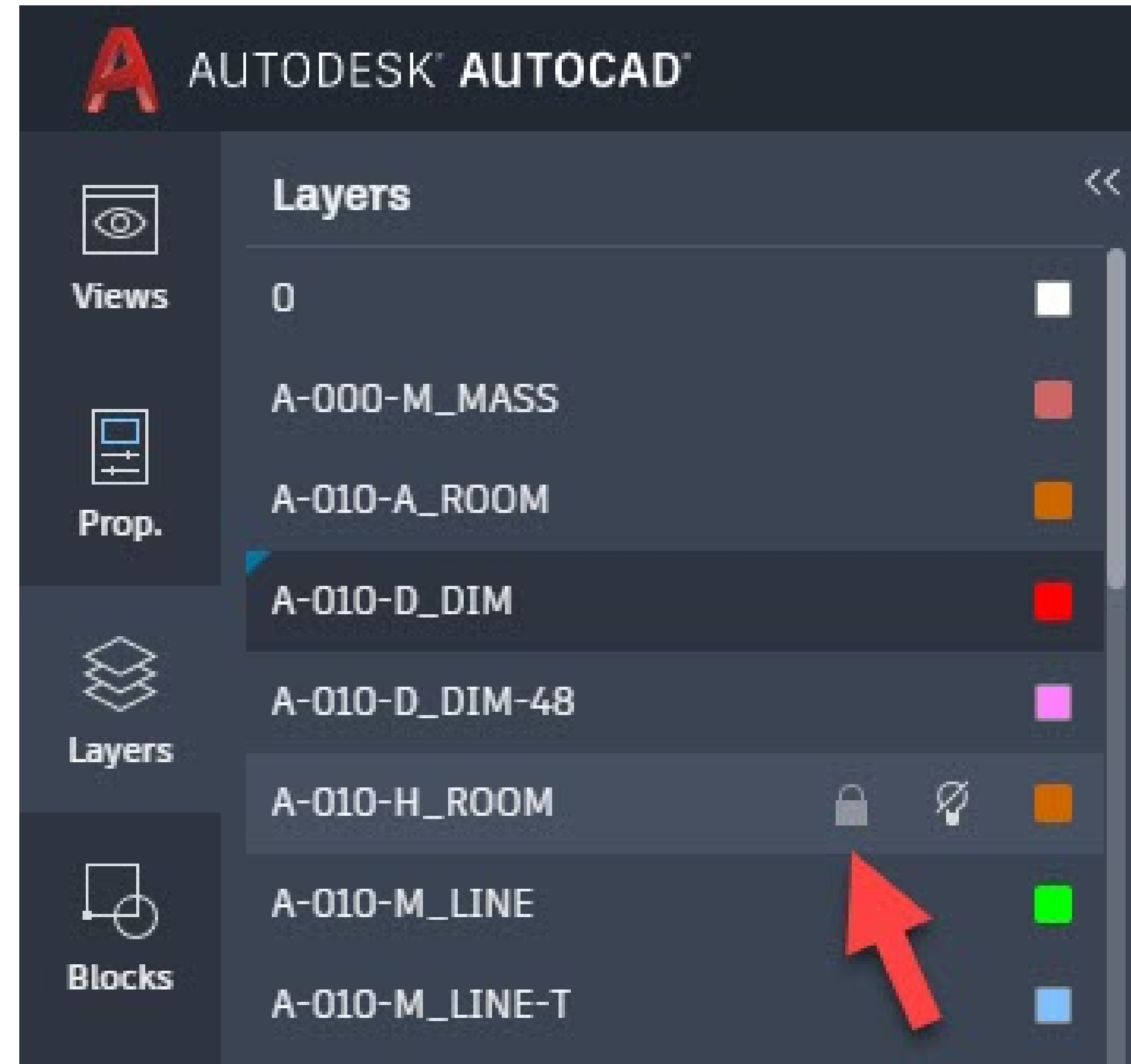


Objective 2 (cont'd...)

Using layers

Locking a layer

- Layers icon
- Hover over layer in list
- Select padlock icon

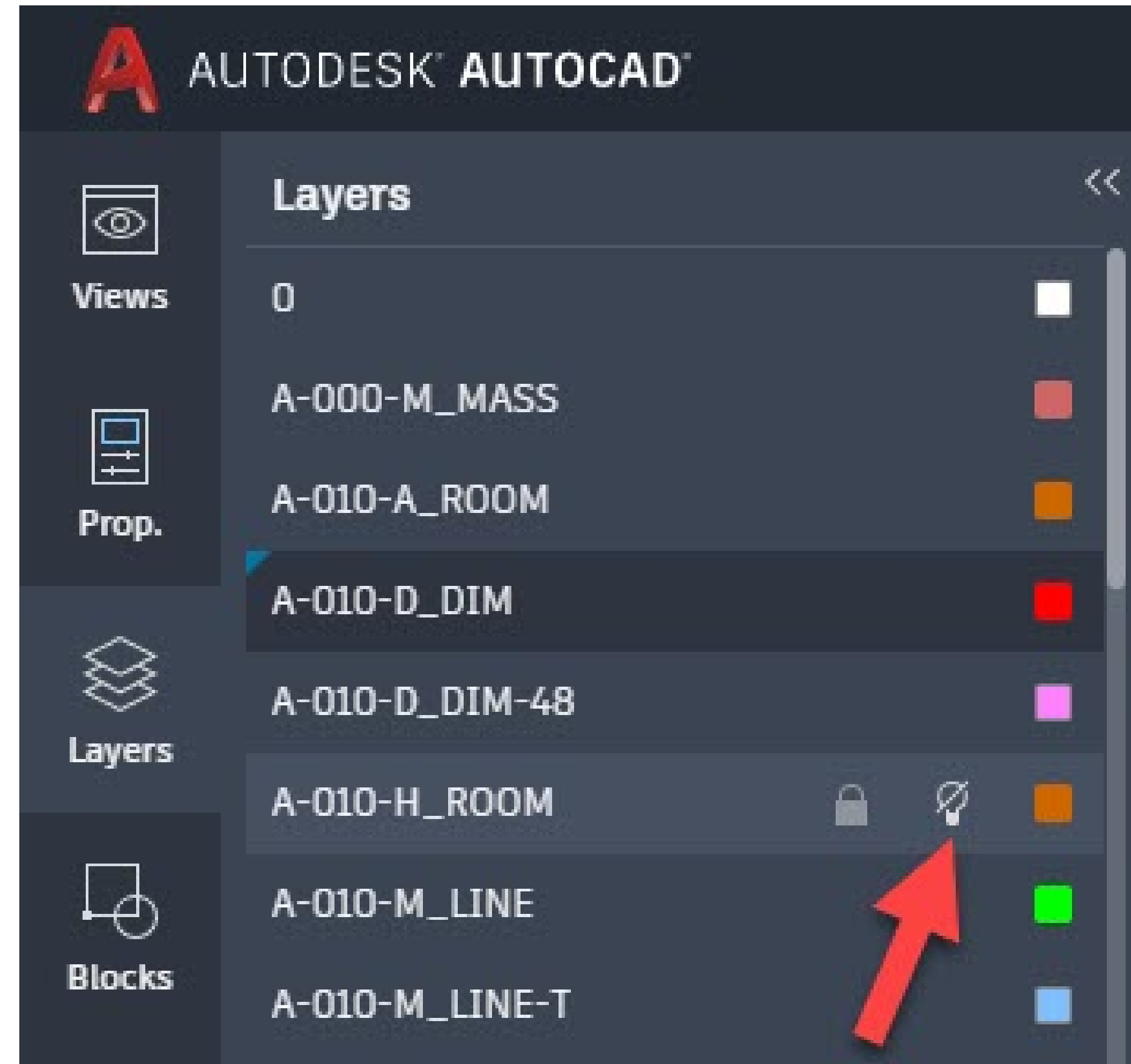


Objective 2 (cont'd...)

Using layers

Changing layer visibility

- Layers icon
- Hover over layer in list
- Select lightbulb icon

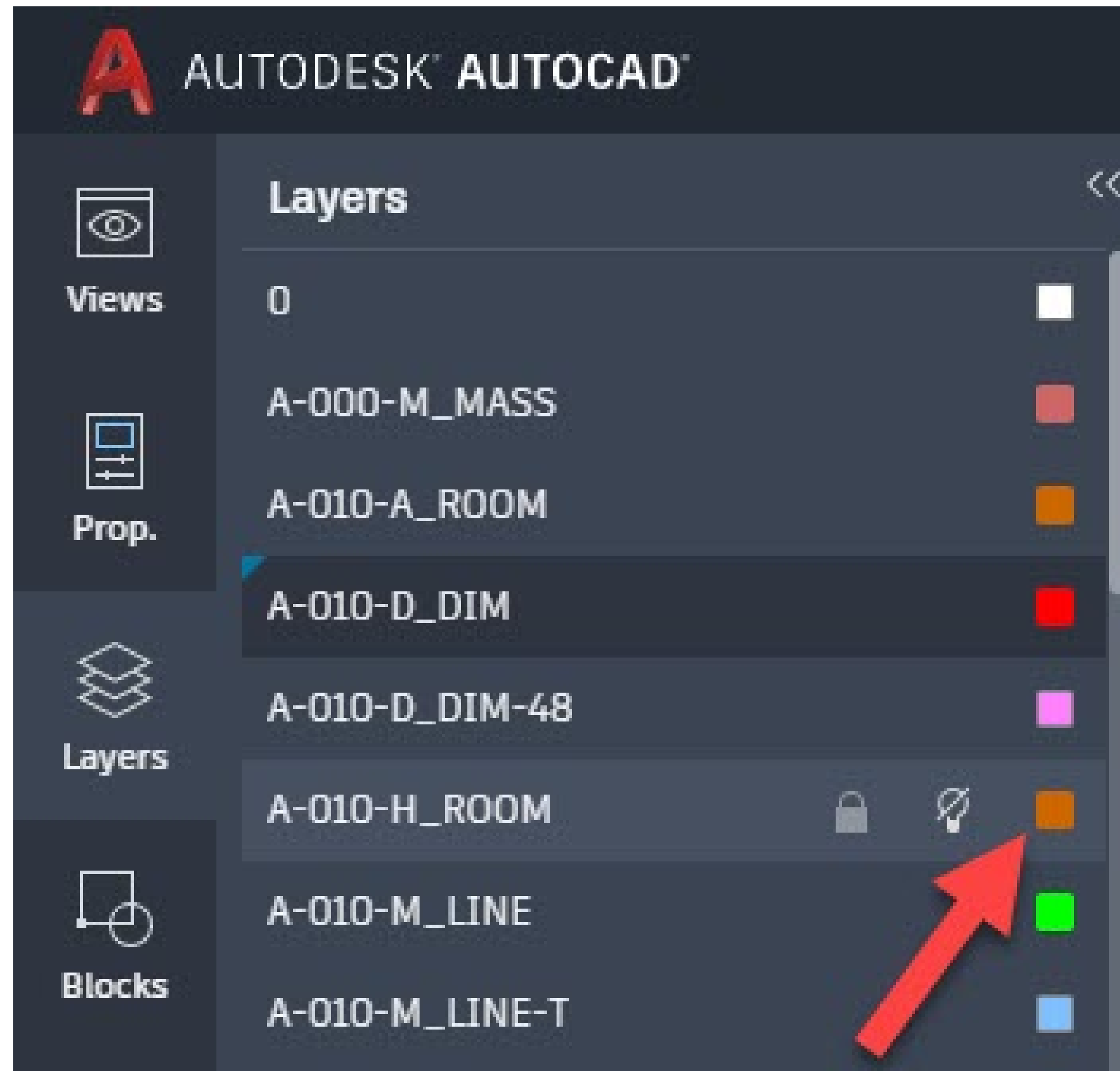


Objective 2 (cont'd...)

Using layers

Changing layer color

- Layers icon
- Hover over layer in list
- Select color icon
- Select new color
- Use layer pipette

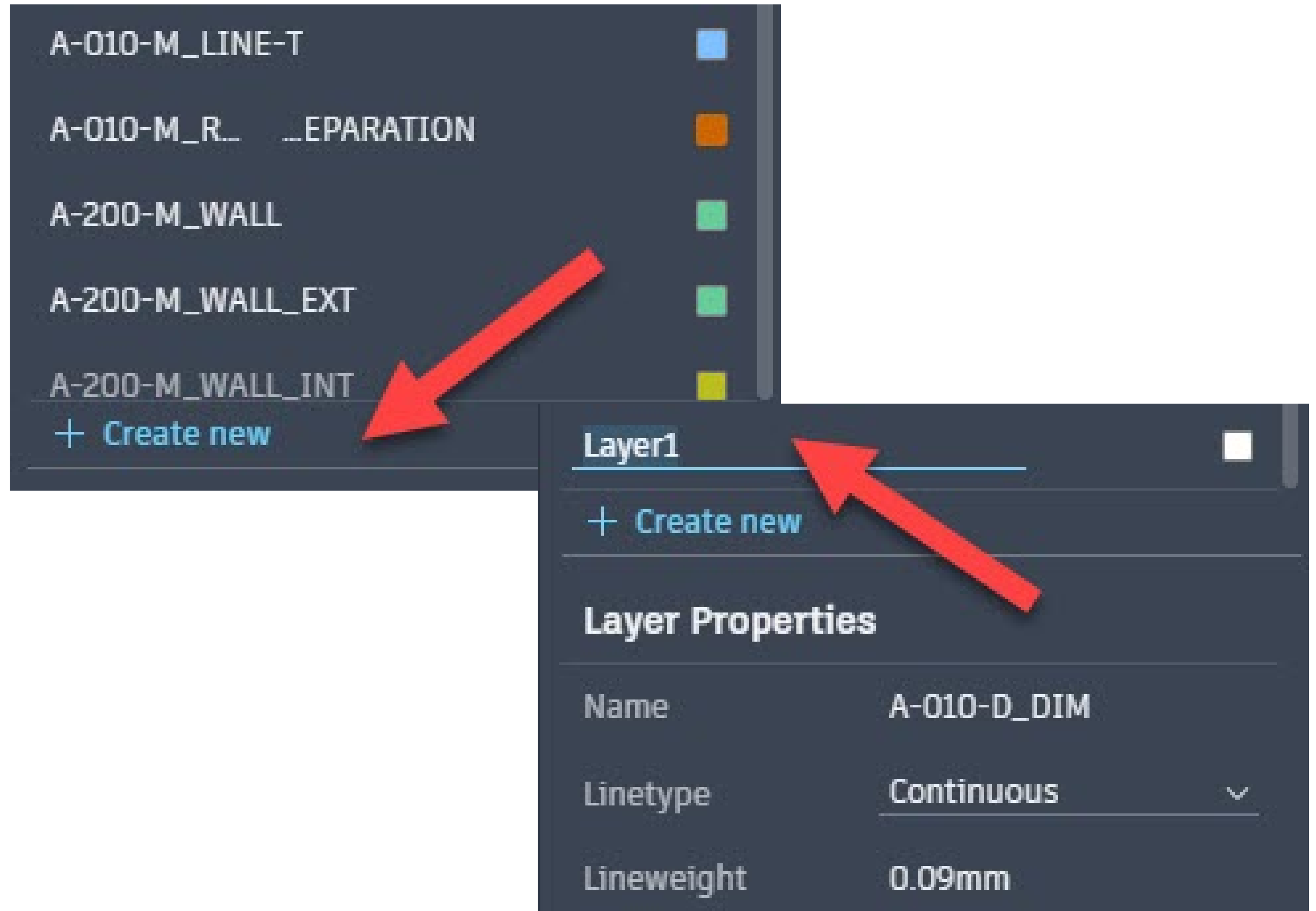


Objective 2 (cont'd....)

Using layers

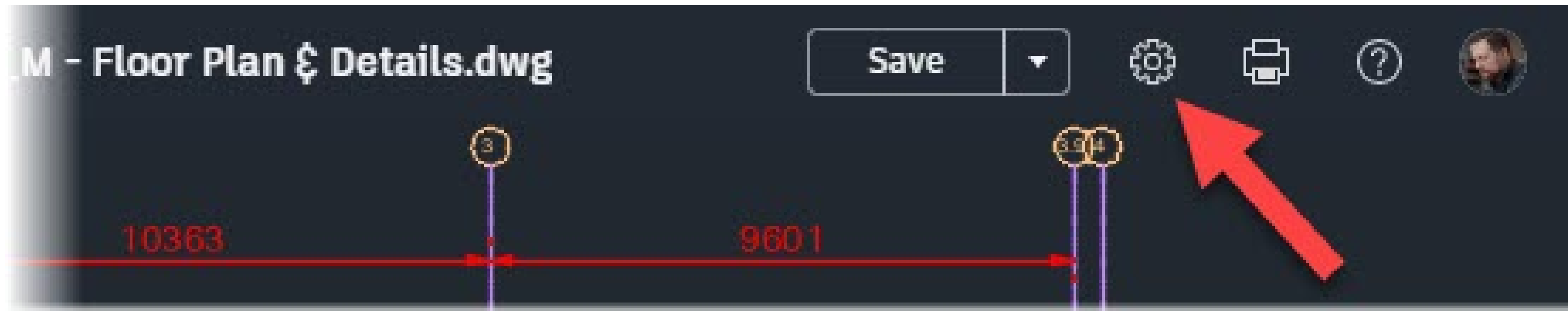
Creating a new layer

- Layers icon
- + Create new
- Layer name
- Linetype
- Lineweight



Objective 2 (cont'd...)

Using Settings in the AutoCAD web app



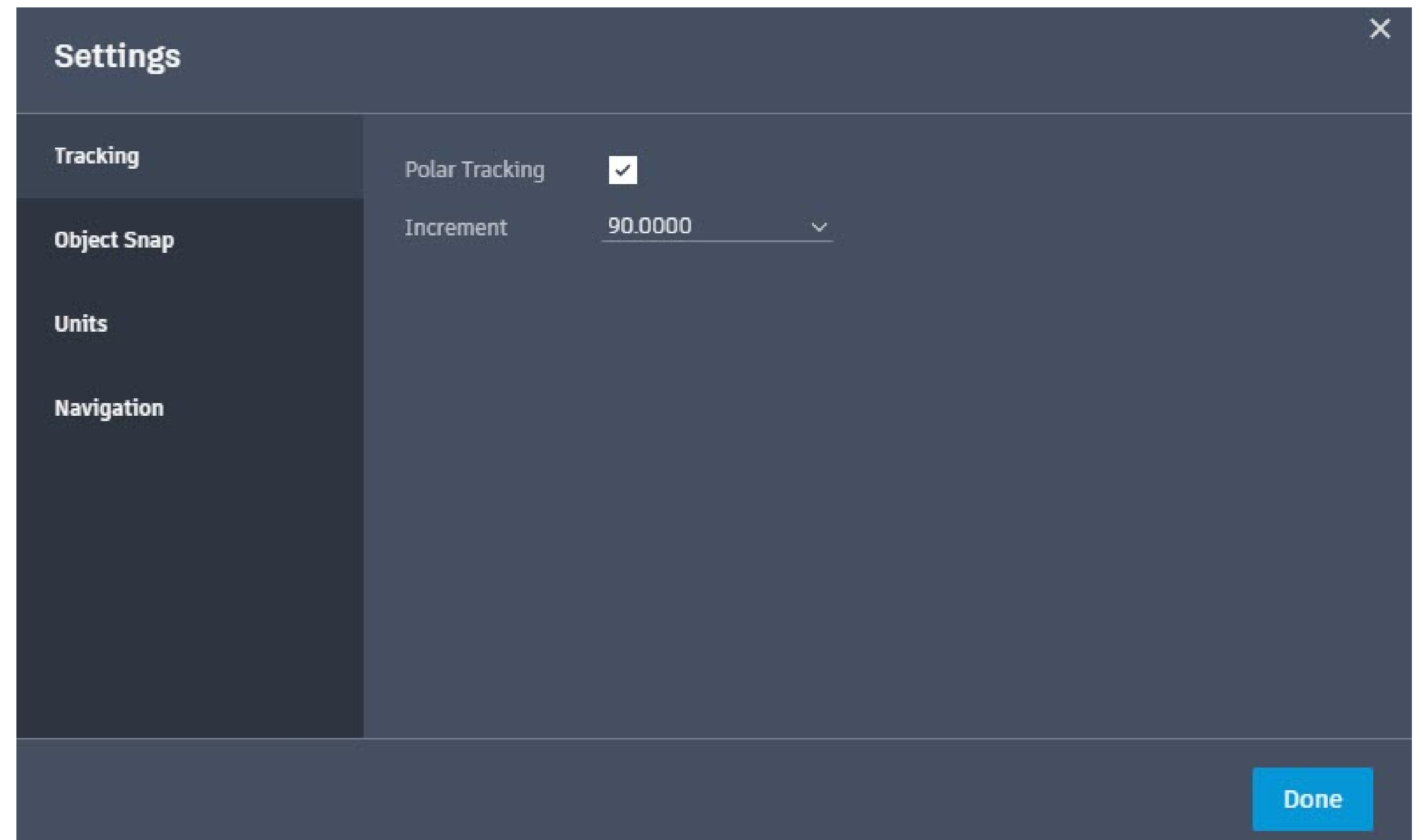
- New location in updated version
- Top right corner of application window
- Next to **Save**

Objective 2 (cont'd...)

Using Settings in the AutoCAD web app

Tracking

- Polar tracking set in tick box
- Angle increment set in dropdown menu



Objective 2 (cont'd...)

Using Settings in the AutoCAD web app

Object Snaps (OSNAP)

- Running object snaps set in tick boxes
- Click on **Done** when set

The screenshot shows the 'Settings' dialog in the AutoCAD web app. The 'Object Snap' section is selected in the left sidebar. The main area displays a list of object snap options with checkboxes. The 'Done' button is located at the bottom right of the dialog.

Category	Option	Status
Tracking	Endpoint	Checked
	Midpoint	Unchecked
	Intersection	Checked
Object Snap	Apparent Intersection	Unchecked
	Extension	Checked
Units	Geometric Center	Unchecked
	Center	Checked
Navigation	Tangent	Unchecked
	Quadrant	Unchecked
	Perpendicular	Unchecked
	Parallel	Unchecked
	Node	Unchecked
	Insertion	Unchecked
	Nearest	Unchecked

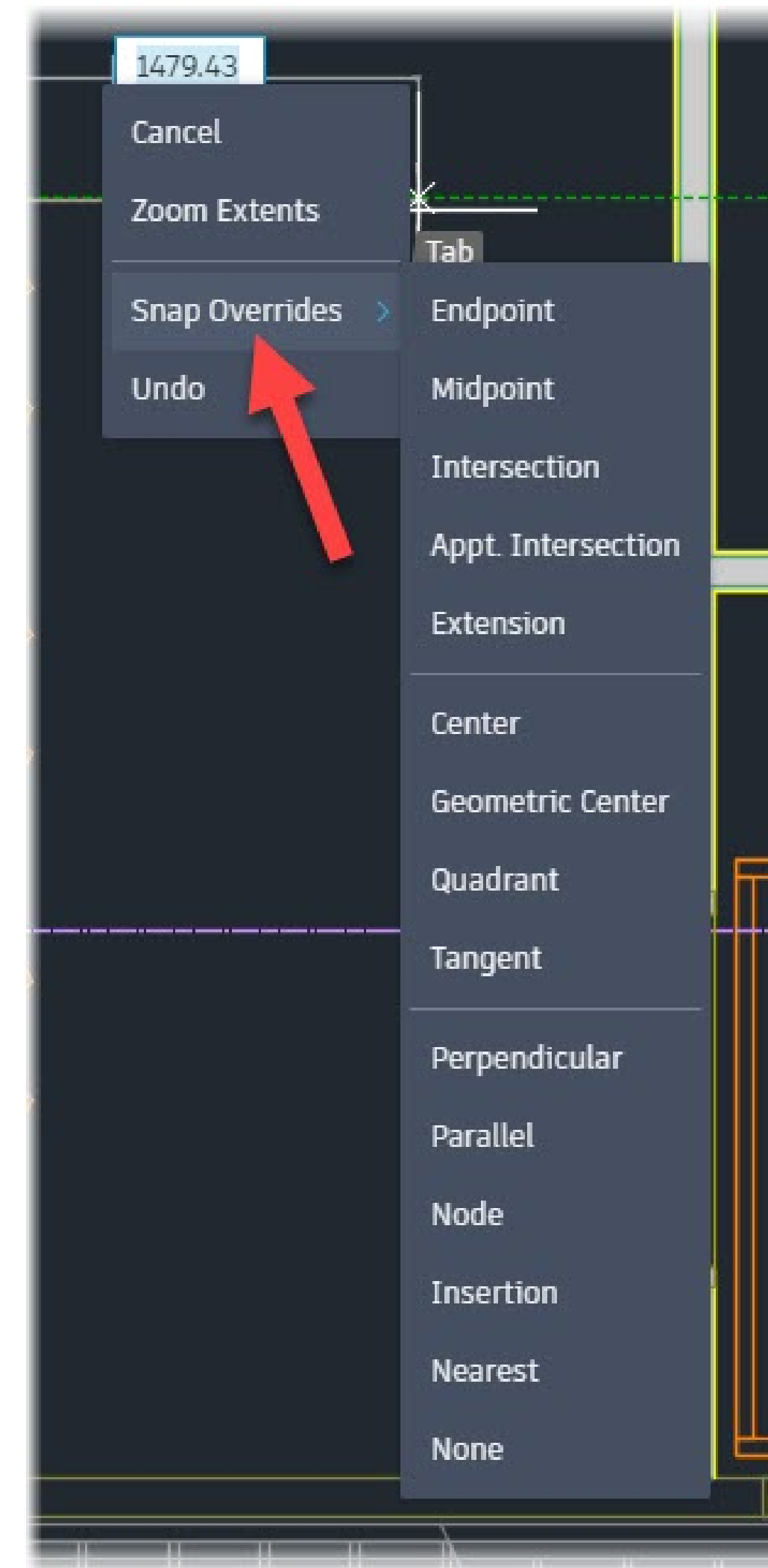
Done

Objective 2 (cont'd...)

Using Settings in the AutoCAD web app

Snap Overrides

- Found on right-click like Autodesk desktop app
- Select Snap Overrides on shortcut menu
- Overrides running object snaps

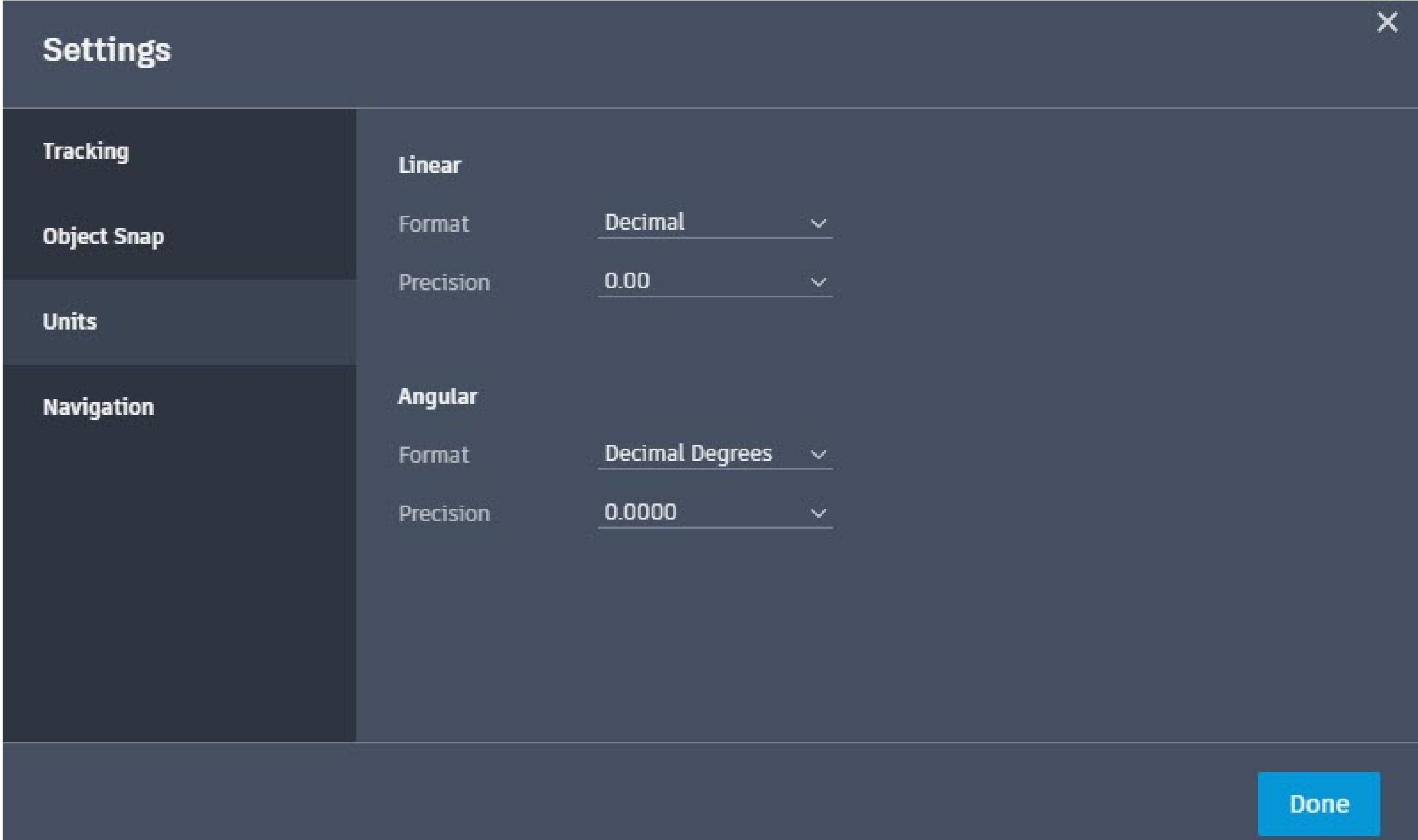


Objective 2 (cont'd...)

Using Settings in the AutoCAD web app

Setting Units

- **Linear** and **Angular**
- Set using dropdowns
- Click on **Done** when set



The screenshot shows the 'Settings' dialog box in the AutoCAD web app. The 'Units' section is selected in the left sidebar. The main area displays settings for 'Linear' and 'Angular' units. For 'Linear', the 'Format' is set to 'Decimal' and the 'Precision' is '0.00'. For 'Angular', the 'Format' is set to 'Decimal Degrees' and the 'Precision' is '0.0000'. A 'Done' button is located at the bottom right of the dialog.

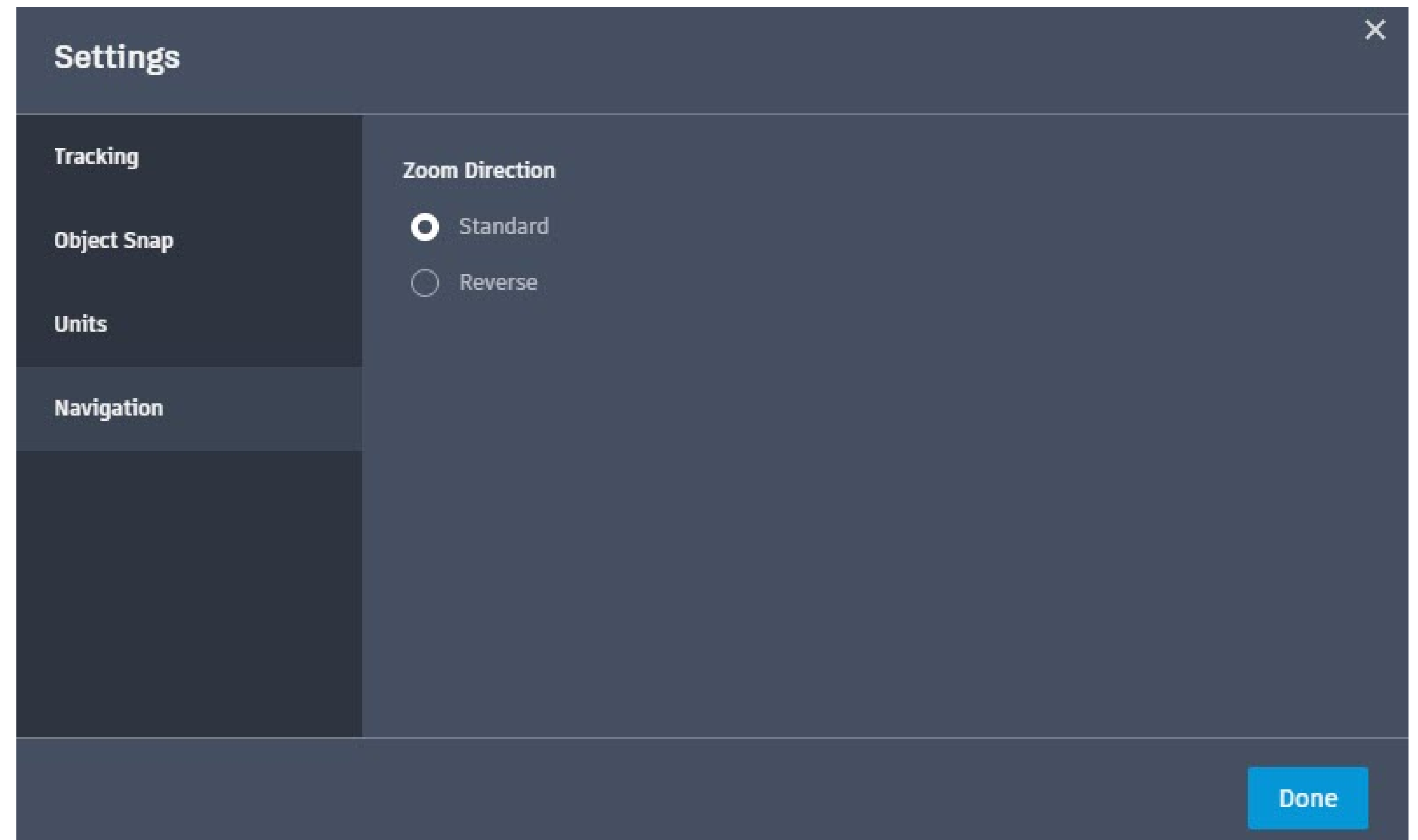
Category	Setting	Value
Linear	Format	Decimal
	Precision	0.00
Angular	Format	Decimal Degrees
	Precision	0.0000

Objective 2 (cont'd...)

Using Settings in the AutoCAD web app

Setting Navigation

- Zoom Direction
- **Standard** and **Reverse**
- Replicates desktop app
- Click on **Done** when set



Objective 2 (cont'd...)

Drafting and Modifying in the AutoCAD web app

Draw

- Rectangle
- Circle
- Arc
- Line
- Polyline

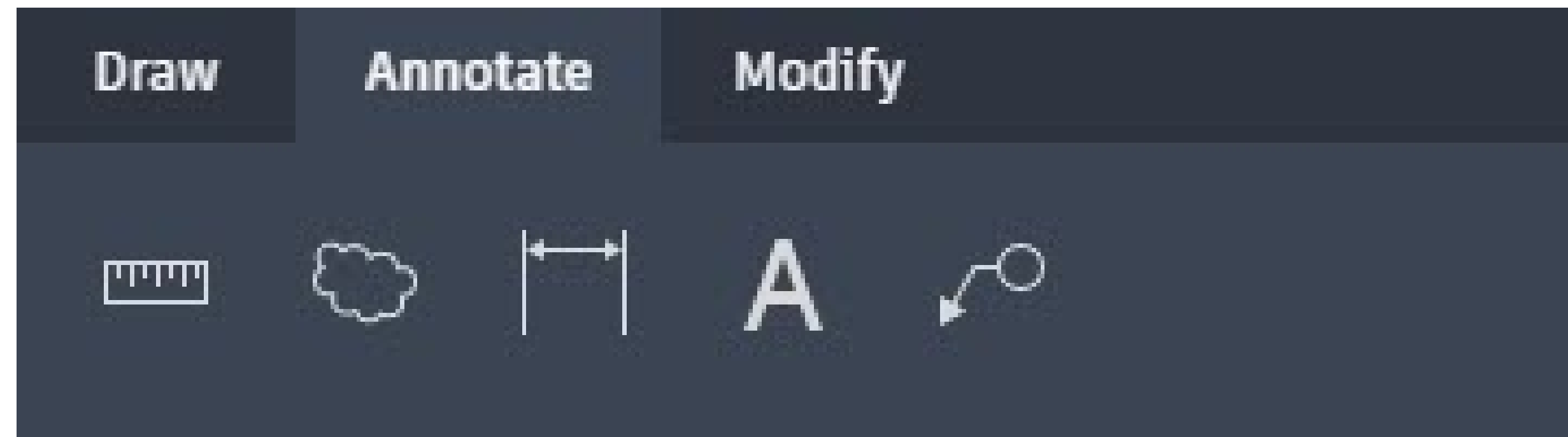


Objective 2 (cont'd...)

Drafting and Modifying in the AutoCAD web app

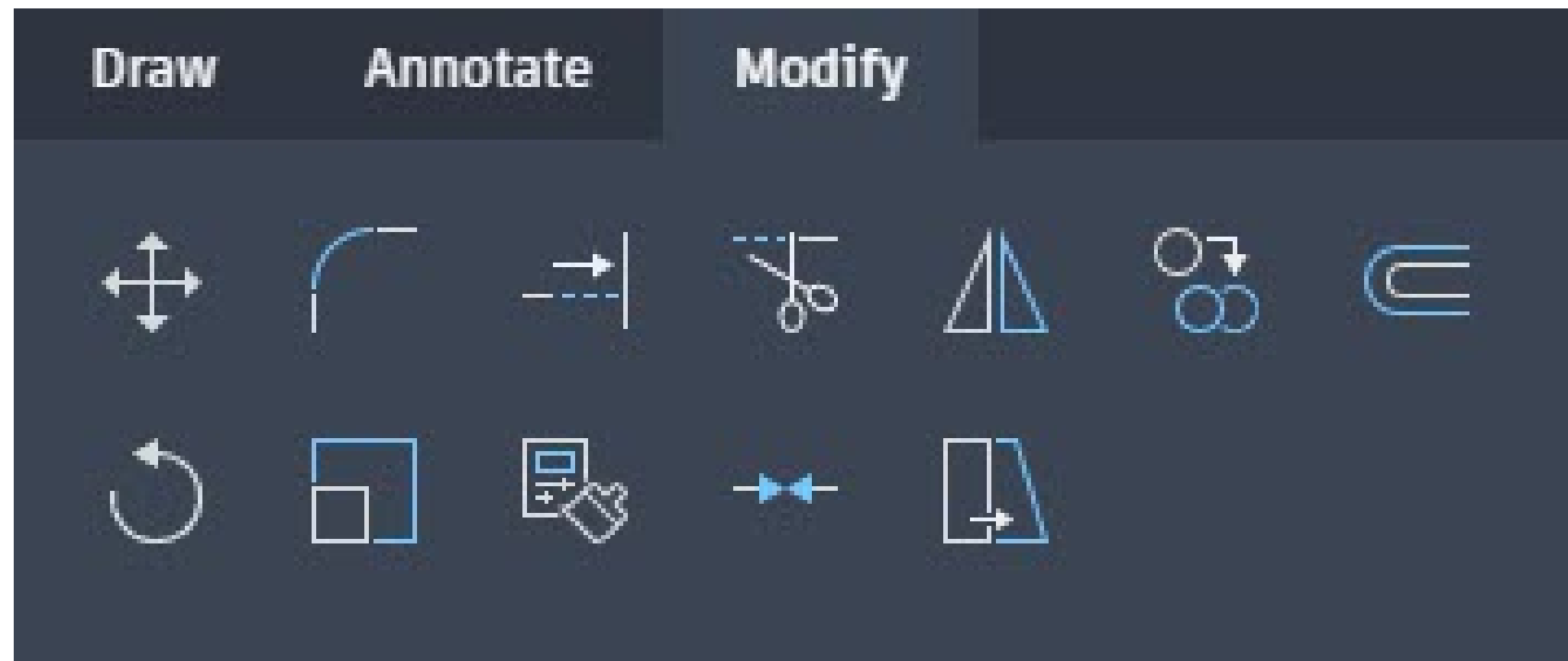
Annotate

- Measure
- Revcloud
- Dimension
(linear/aligned, angular, baseline and continue)
- Multiline Text
- Multileader



Objective 2 (cont'd...)

Drafting and Modifying in the AutoCAD web app



Modify

- Move
- Fillet (only with ZERO radius at present)
- Extend
- Trim
- Mirror
- Copy
- Offset
- Rotate
- Scale
- Matchprop (matching object properties)
- Join
- Stretch

Objective 2 (cont'd...)

View controls

Undo & Redo

- Icons same as desktop app
- Same action as desktop app



Zoom Extents & Zoom Window

- Icons same as desktop app
- Same action as desktop app



Objective 2 (cont'd...)

Keyboard entry (shortcuts)

PC

- CTRL+Z = Undo
- CTRL+C = Copy
- CTRL+V = Paste

Mac

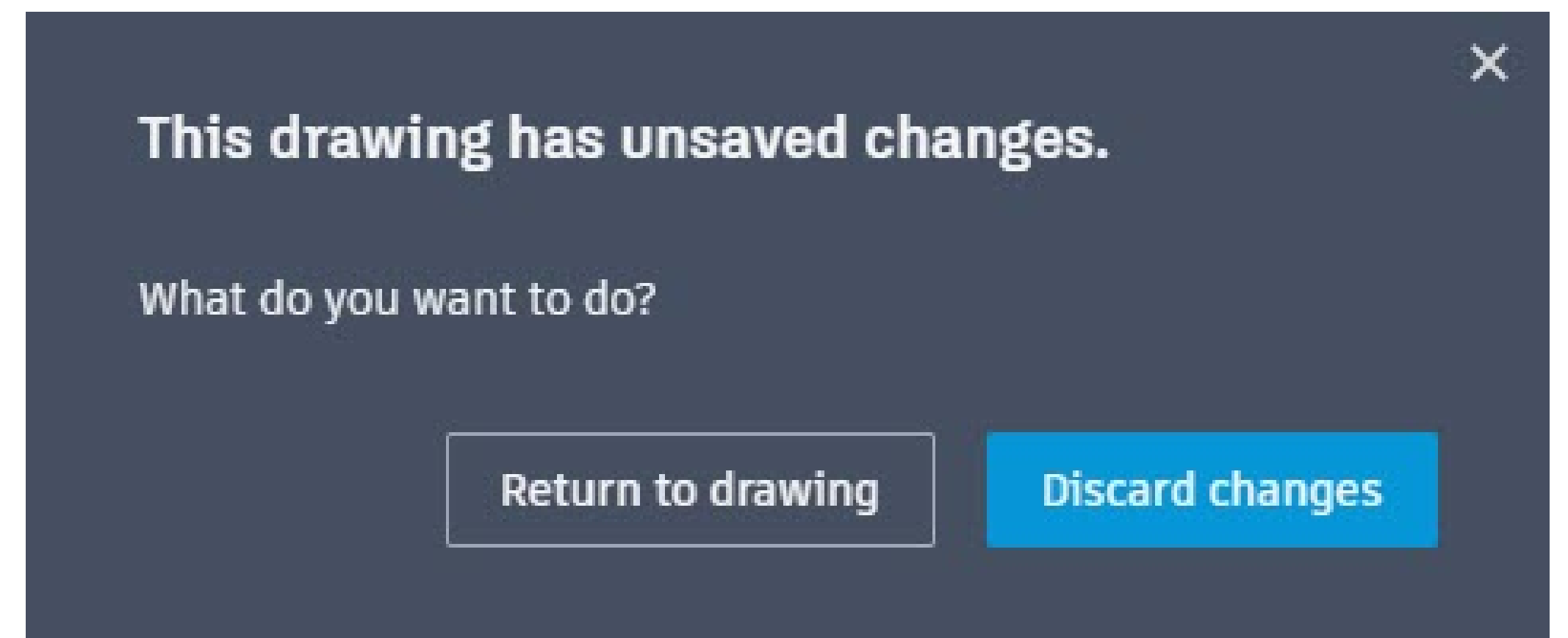
- CMD+Z = Undo
- CMD+C = Copy
- CMD+V = Paste

Objective 2 (cont'd...)

Saving your drawings to the cloud

Save

- Top right of application window
- **Save**
- **Save As**
- Back button in browser will execute prompt

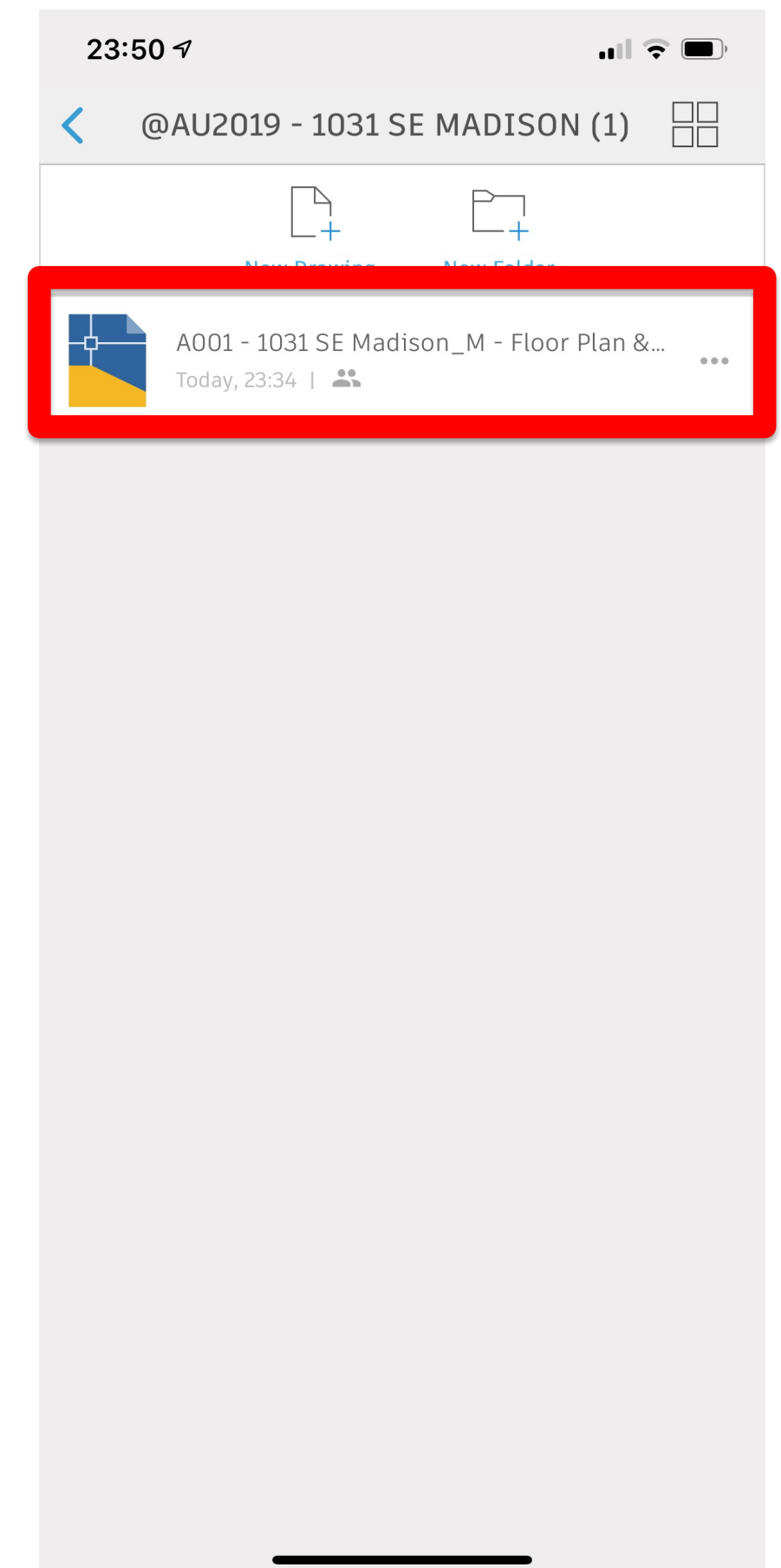
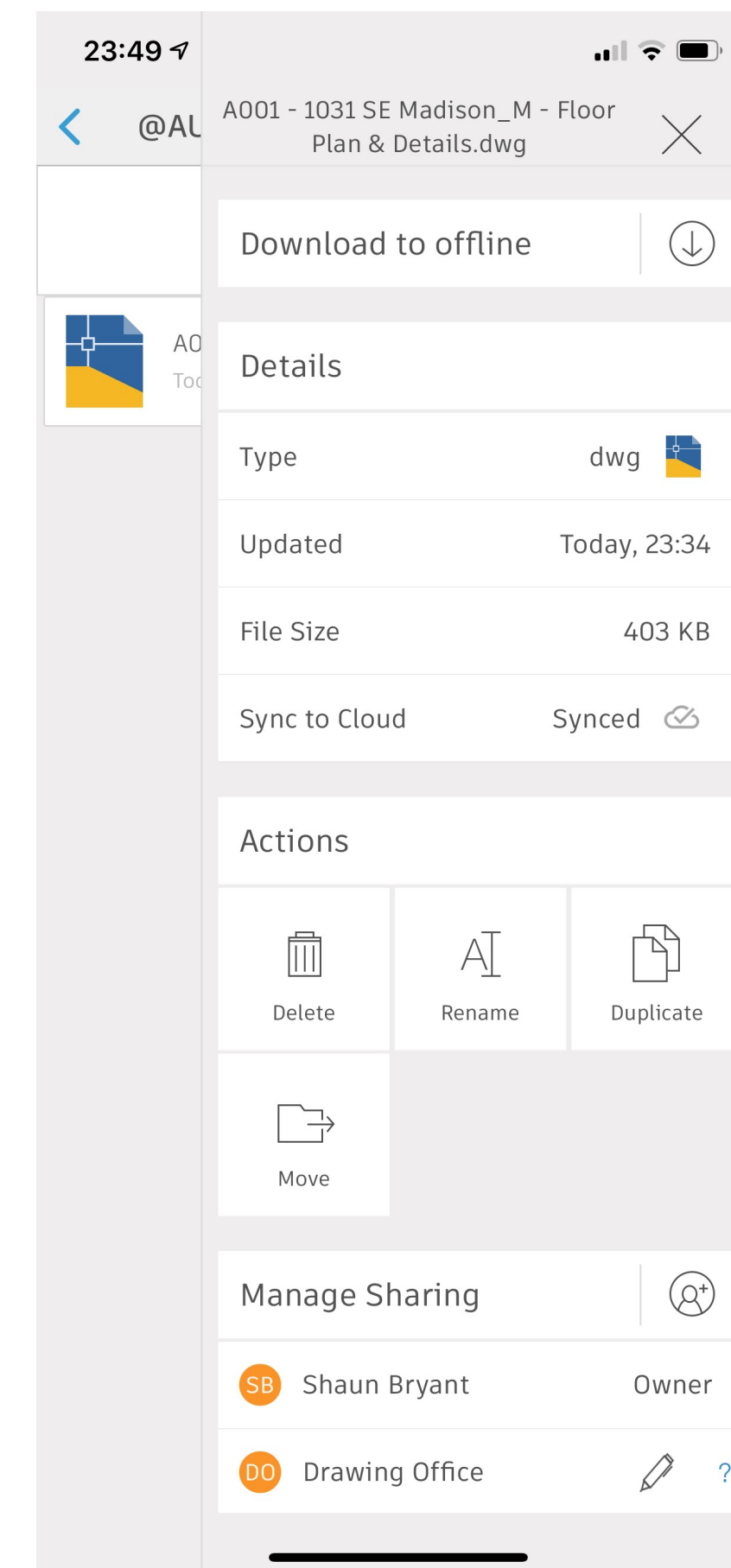
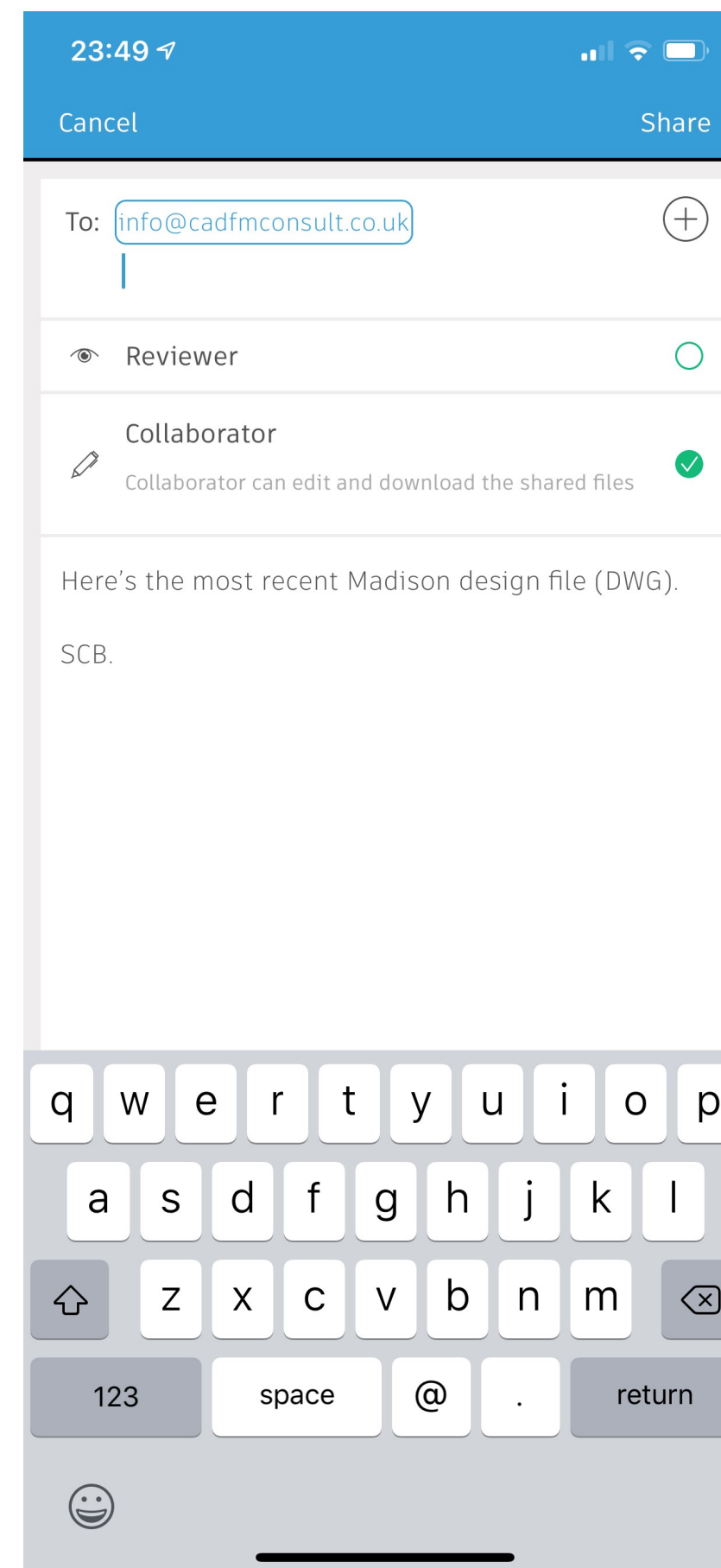


Objective 3

Sharing and communicating your designs quickly with the AutoCAD mobile app

Sharing & communicating

- Mobile app
- In the cloud



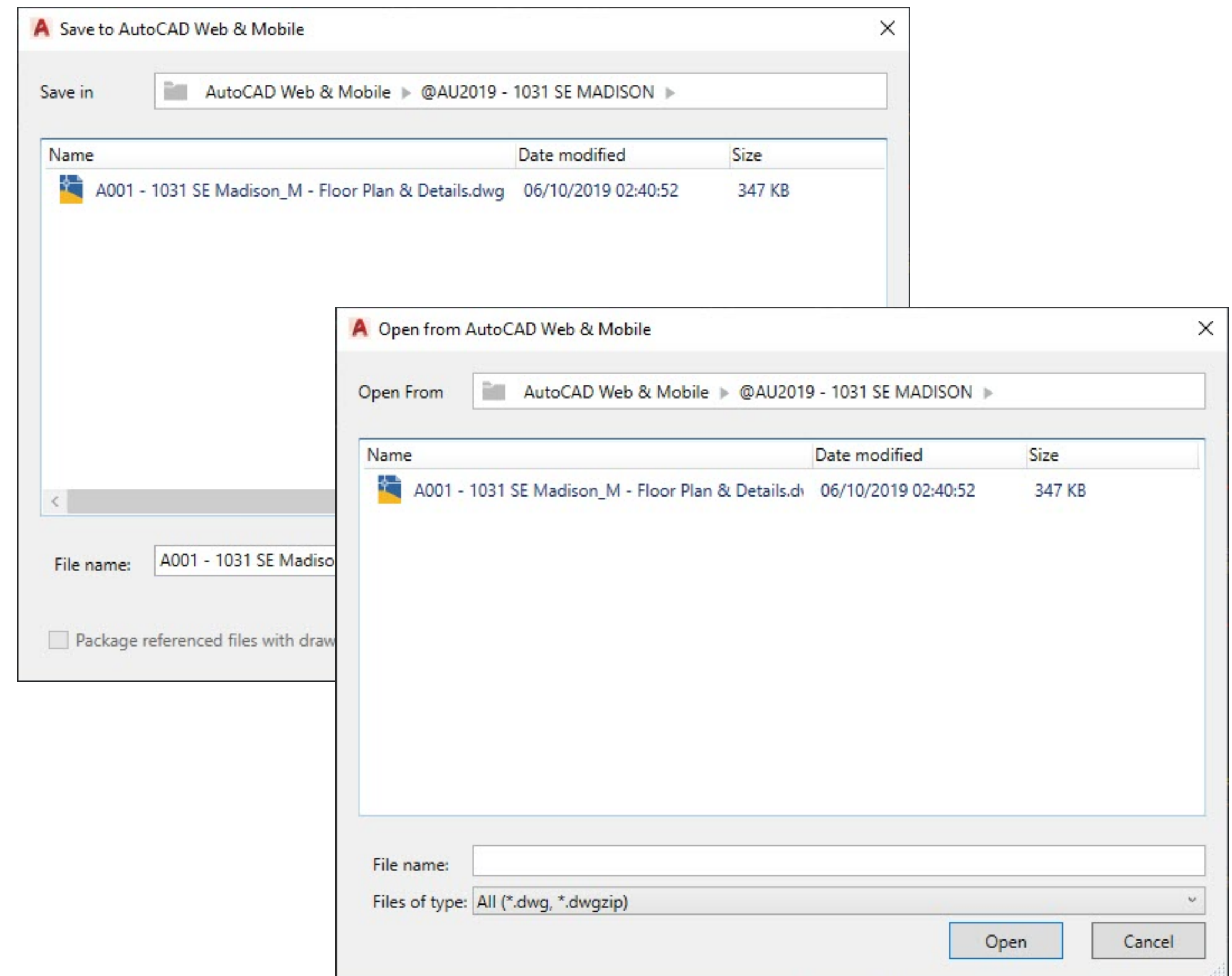
Objective 4

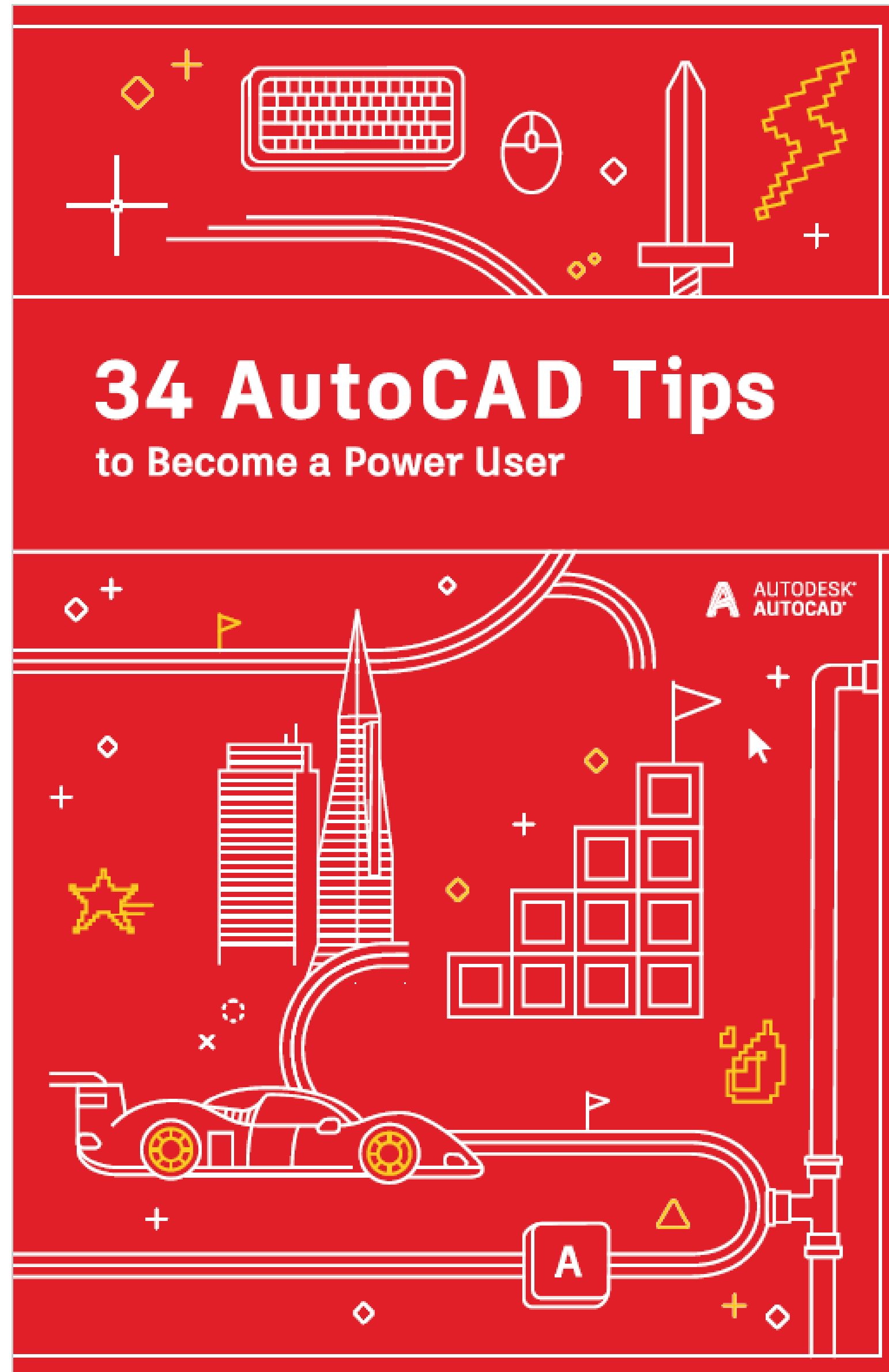
Working with your revised designs in the AutoCAD desktop app

From the cloud

- SAVETOWEBMOBILE
- OPENFROMWEBMOBILE

MAKE ANYTHING.
(anywhere)





34 Tips

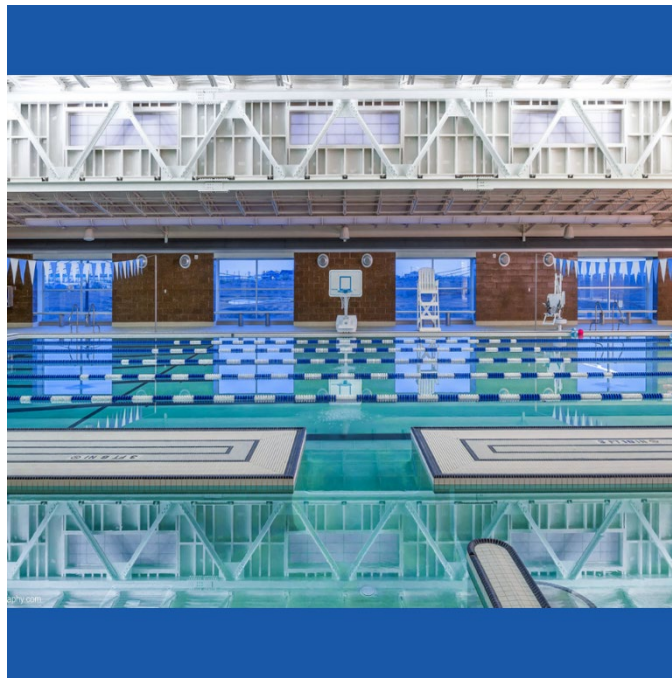
to Become a Power User

Get **YOUR** copy **TODAY** at AU!



Thank you, audience!

Any questions?



Want to see your work be featured by AutoCAD?



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 us for a chance to be featured in our 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:

Use the LinkedIn phone app to scan your LinkedIn QR codes. Quicker than a business card!



AUTODESK®

Make anything™

Autodesk and the Autodesk logo are registered trademarks or trademarks of Autodesk, Inc., and/or its subsidiaries and/or affiliates in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product and services offerings, and specifications and pricing at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2019 Autodesk. All rights reserved.

