

To the future, and Beyond: Re-imagining AutoCAD Drawing experience.

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AutoCAD 360



Hemant

SWD Manager
AutoCAD 360

AutoCAD 360 : Safe Harbour

We may make statements regarding planned or future development efforts for our existing or new products and services. These statements are not intended to be a promise or guarantee of future availability of products, services or features but merely reflect our current plans and based on factors currently known to us. These planned and future development efforts may change without notice. Purchasing decisions should not be made based upon reliance on these statements.

These statements are being made as of today, November 15th 2016 and we assume no obligation to update these forward-looking statements to reflect events that occur or circumstances that exist or change after the date on which they were made. If this presentation is reviewed after this date, these statements may no longer contain current or accurate information.



Past



Now



Future





A long long time ago ...

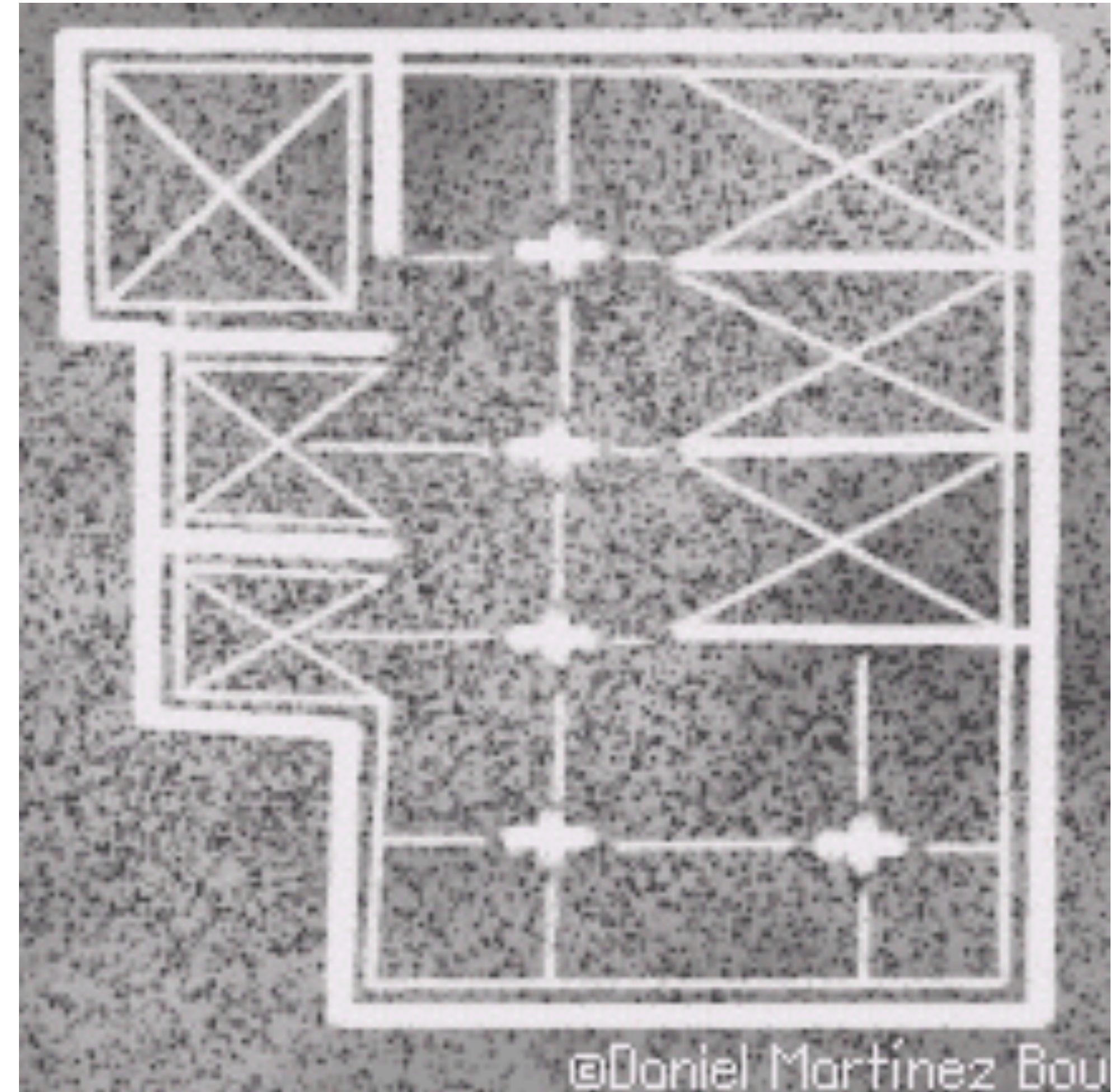


Egyptian

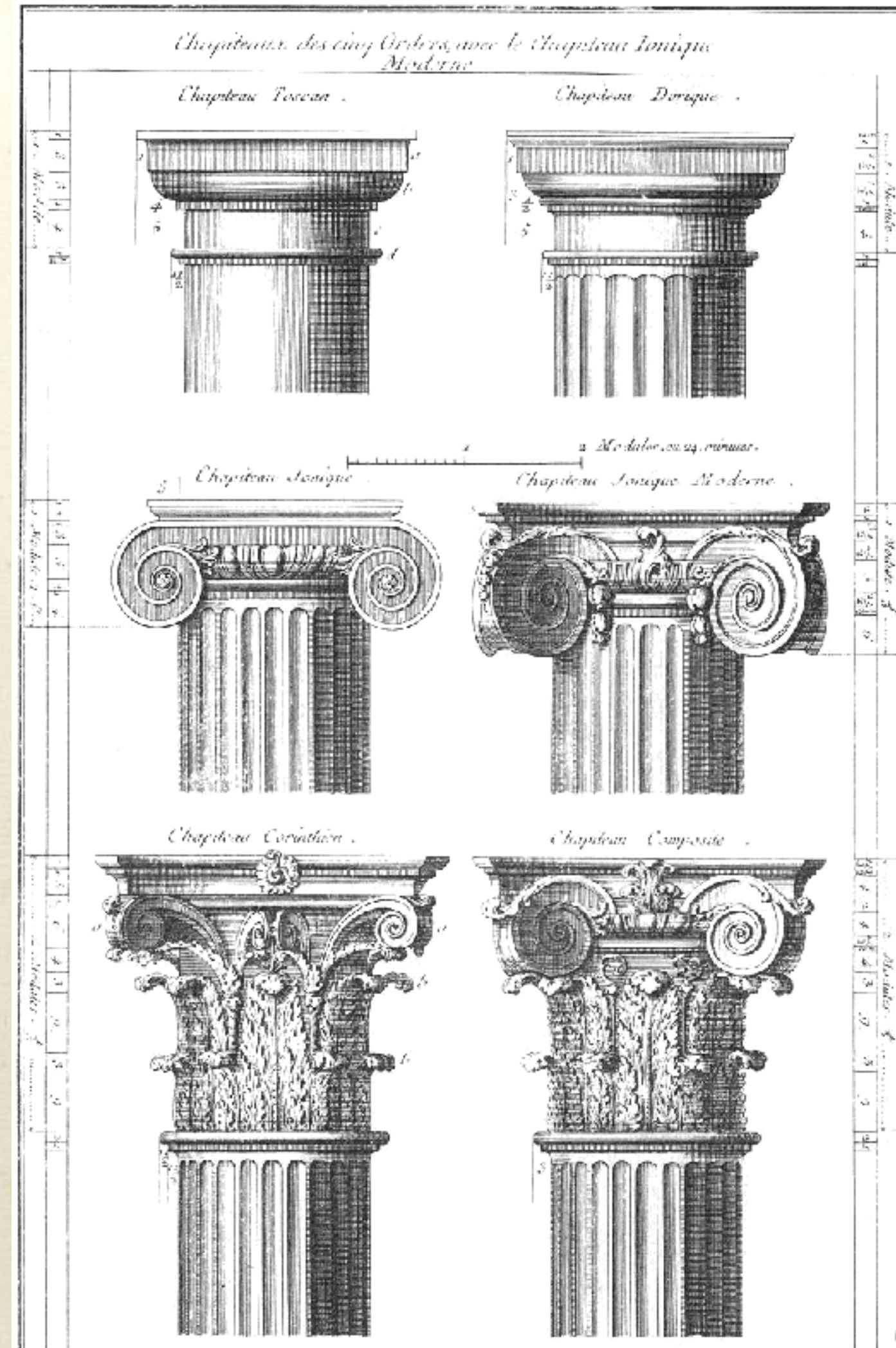
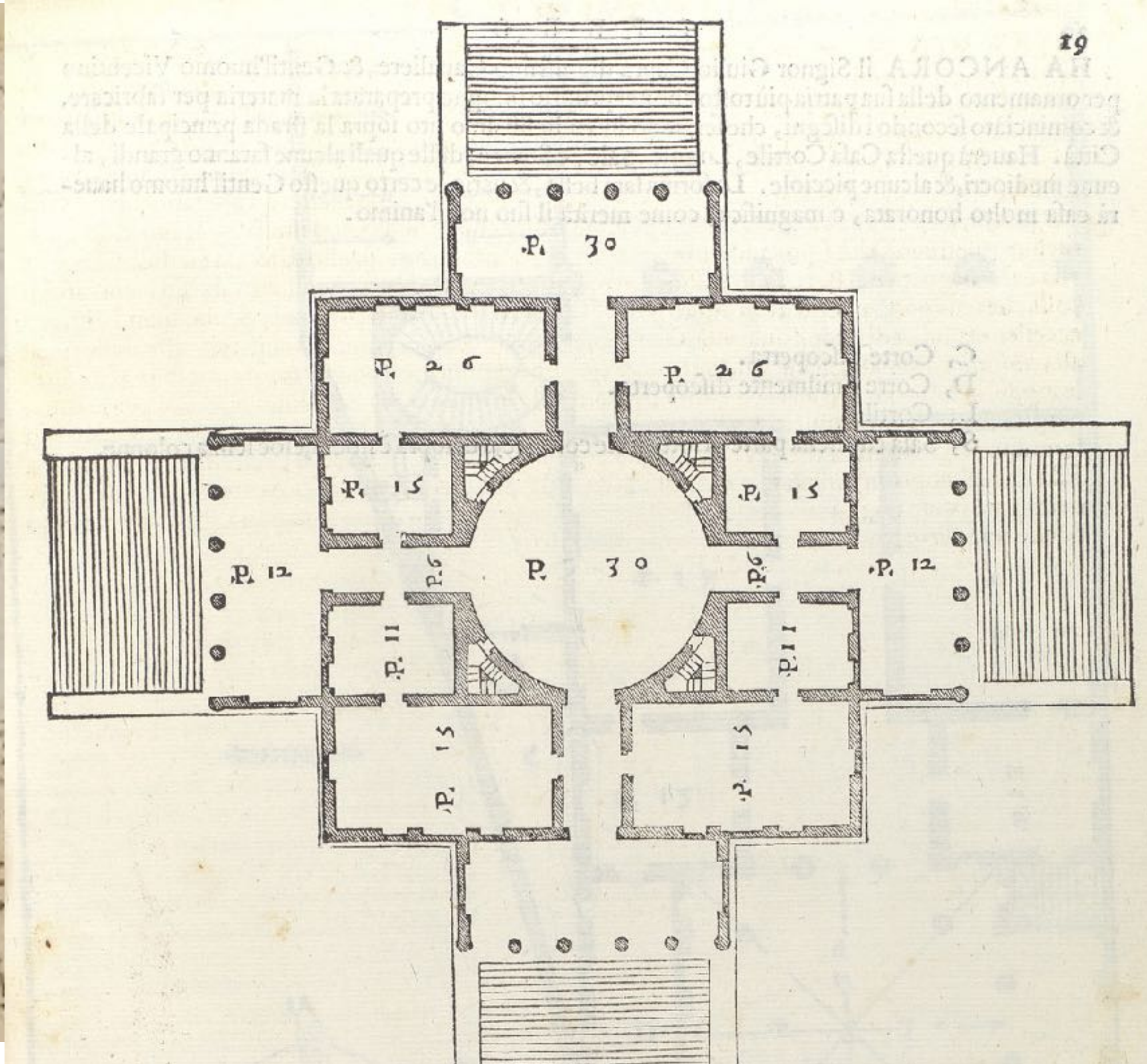


"We're having one heck of a time building that trapezoidal thing of yours. Would it be OK if we just went ahead with another pyramid instead?"

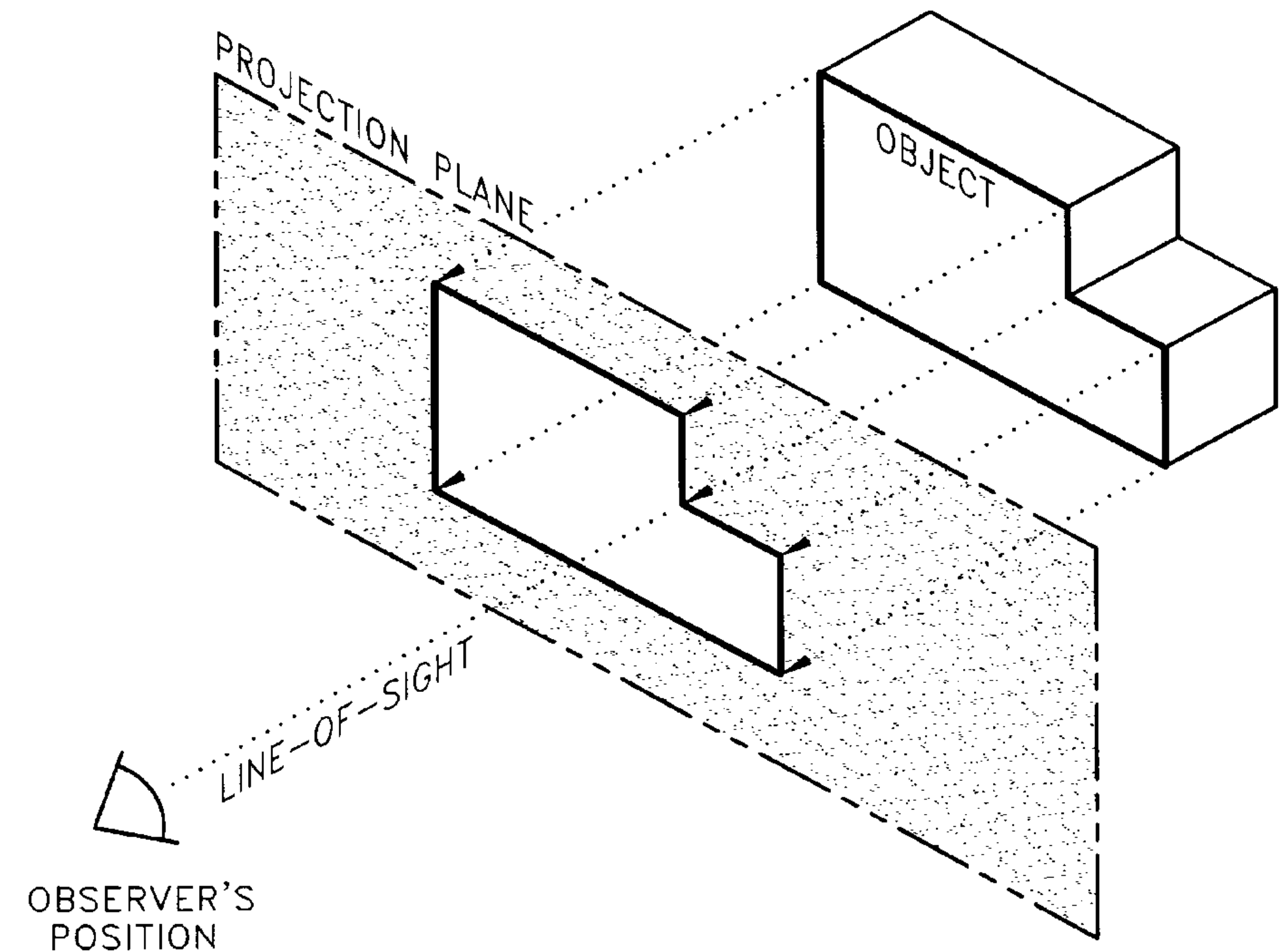
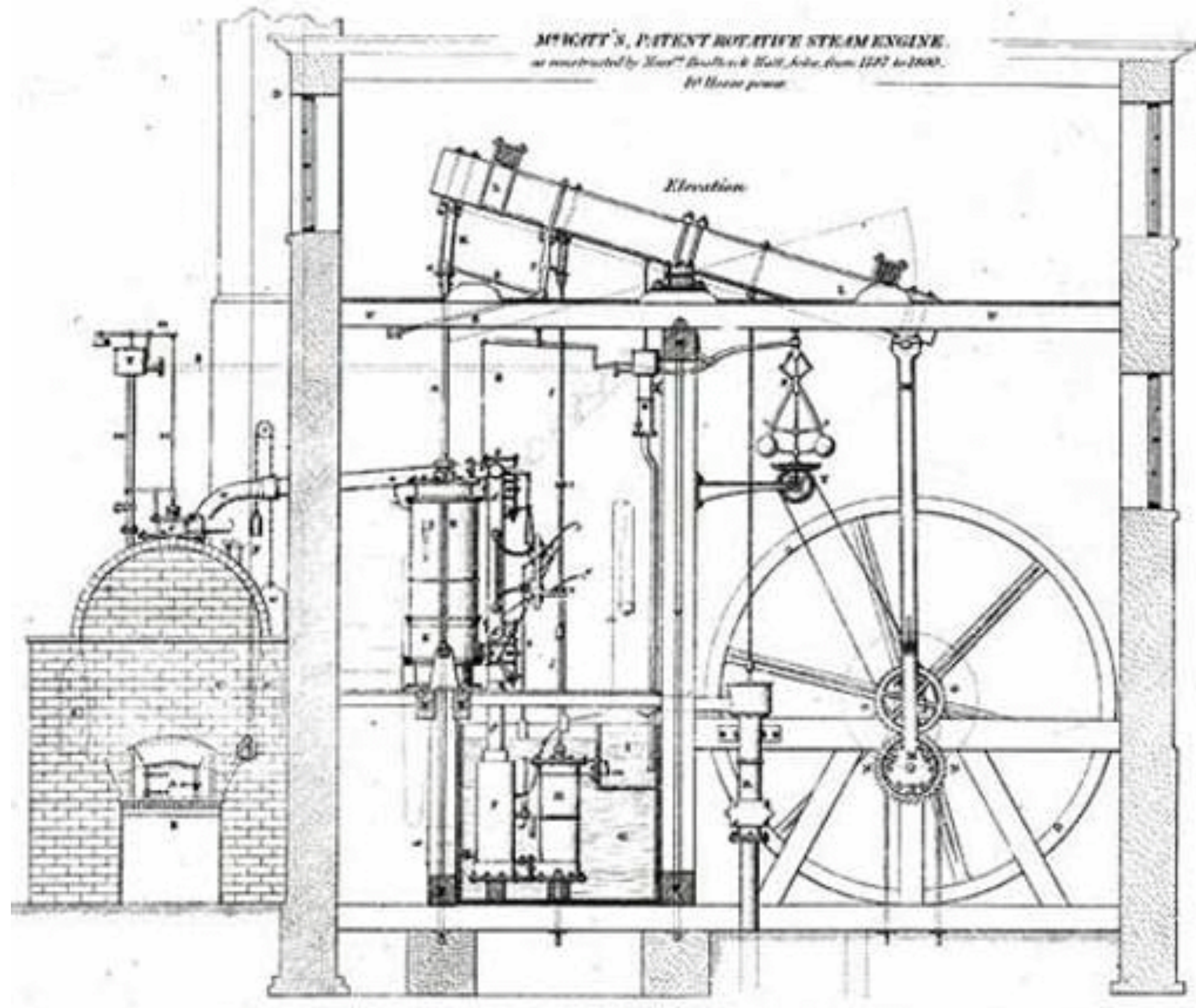
Roman



Renaissance Architecture



Industrial Revolution



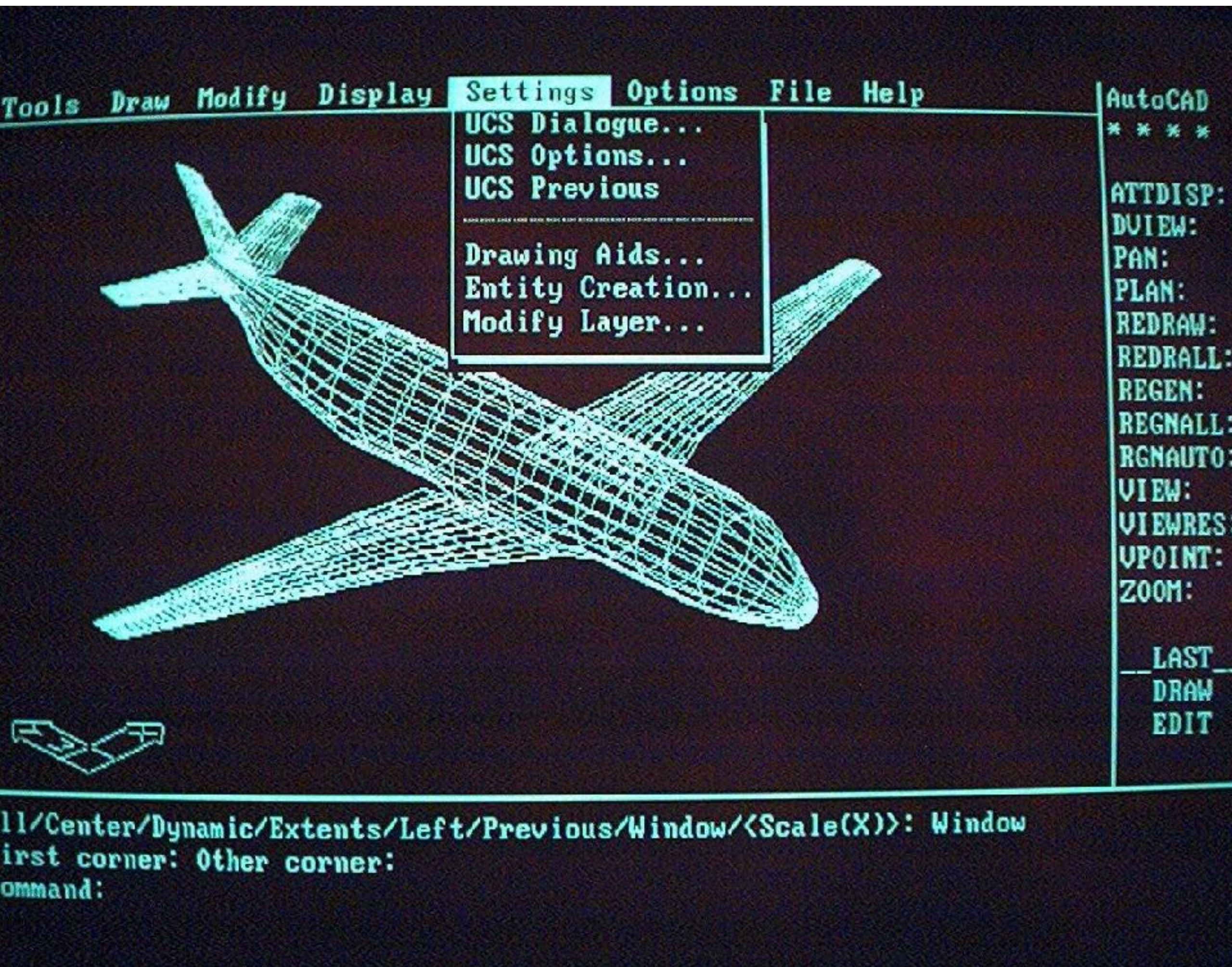
Life before AutoCAD





1982
DECEMBER

The very beginning of CAD: AutoCAD Version 1.0



AUTOCAD
Copyright (C) 1982, 83, 84, 85 Autodesk, Inc.
Version 2.15 (5/7/85) IBM PC
Advanced Drafting Extensions
Serial Number: 01-7000138

Main Menu

0. Exit AutoCAD
1. Begin a NEW drawing
2. Edit an EXISTING drawing
3. Plot a drawing
4. Printer Plot a drawing
5. Configure AutoCAD
6. File Utilities
7. Compile shape/font description file
8. Convert old drawing file

Enter selection: -

IBM 5155 from 1984 running on PC-DOS 3.30
AutoCad version 2.15
(Source: YouTube)

Command List (+1 = ADE-1, +2 = ADE-2, +3 = ADE-3)

APERTURE +2	CIRCLE	FILES	LIST	PRPLOT	SKETCH +1
ARC	COPY	FILL	LOAD	PURGE	SNAP
AREA	DBLIST	FILLET +1	LTSCALE	QTEXT	SOLID
ARRAY	DELAY	GRAPHSCR	MENU	QUIT	STATUS
ATTDEF +2	DIM +1	GRID	MIRROR +2	REDRAW	STYLE
ATTDISP +2	DIST	HATCH +1	MOVE	REGEN	TABLET
ATTEDIT +2	DRAGMODE +2	HELP / ?	MSLIDE +2	REGENAUTO	TEXT
ATTEXT +2	DXBIN +3	HIDE +3	OOPS	RENAME	TEXTSCR
AXIS +1	DXFIN	ID	ORTHO	REPEAT	TRACE
BASE	DXFOUT	INSERT	OSNAP +2	RESUME	UNITS +1
BLIPMODE	ELEV +3	ISOPLANE +2	PAN	RSCRIPT	VIEW +2
BLOCK	END	LAYER	PEDIT +3	SAVE	VPOINT +3
BREAK +1	ENDREP	LIMITS	PLINE +3	SCRIPT	USLIDE
CHAMFER +1	ENDSV	LINE	PLOT	SHAPE	WBLOCK
CHANGE	ERASE	LINETYPE	POINT	SHELL +3	ZOOM

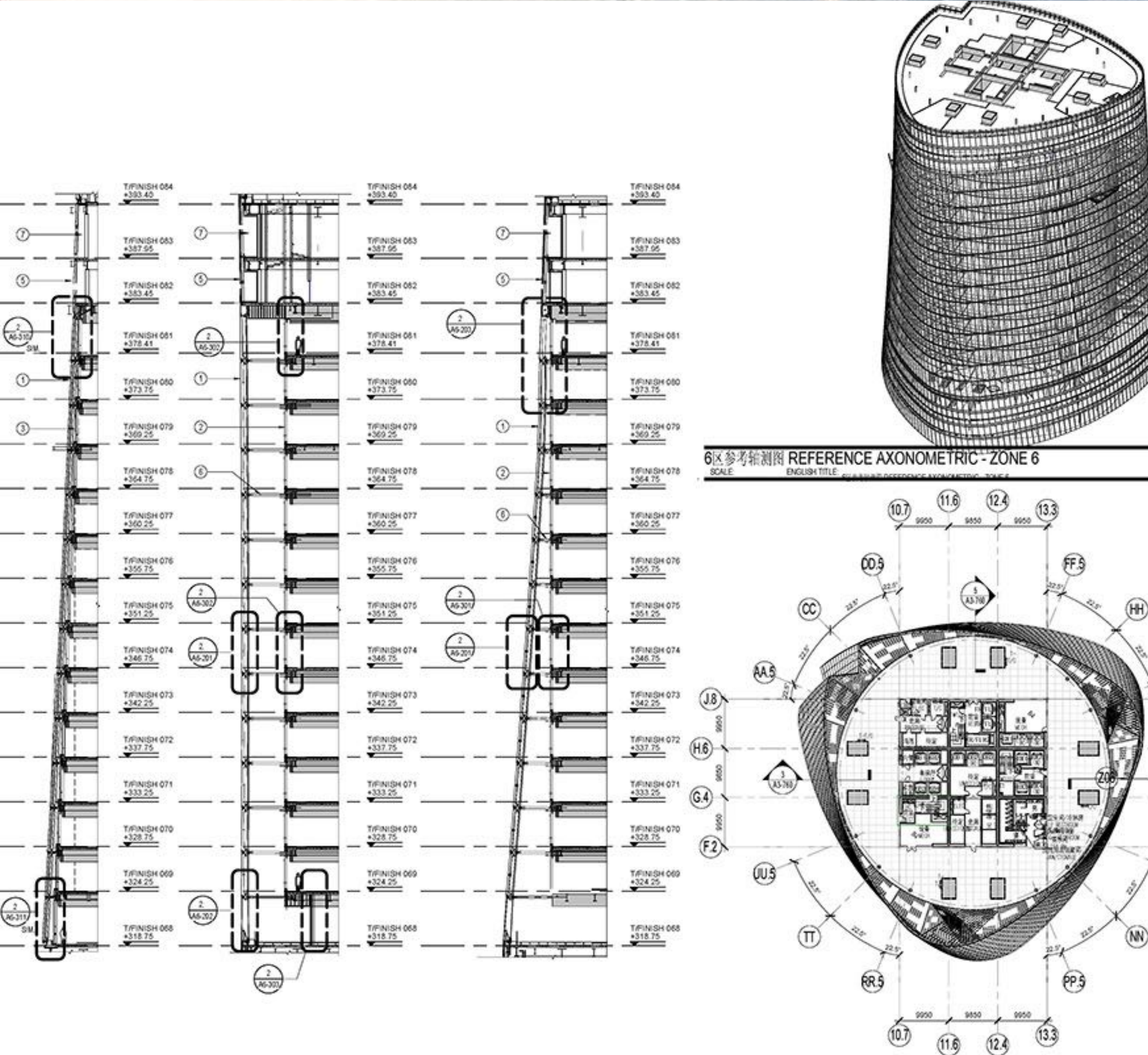
At the "Command:" prompt, you can enter RETURN to repeat the last command.

Press RETURN for further help.

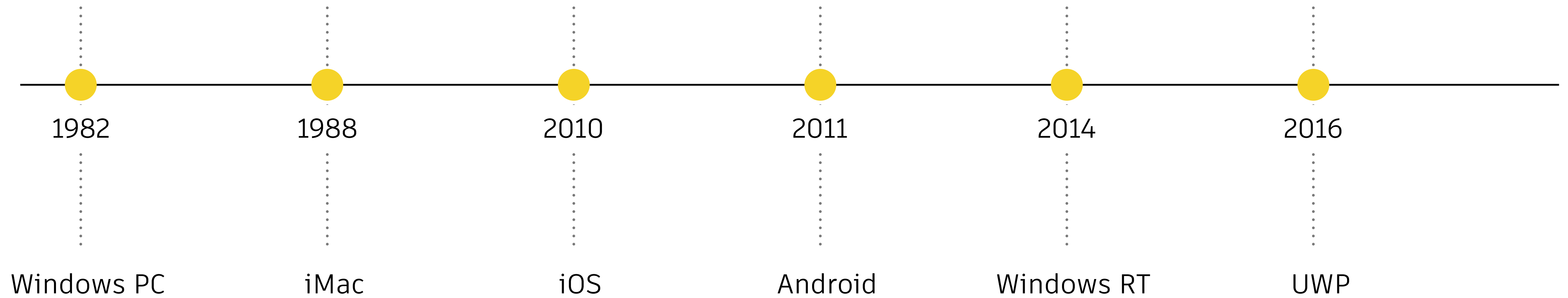
http://autodesk.blogs.com/between_the_lines/autocad_history/

2016...





DWG on Devices



Penetrating The Mobile Market

Smartphone Ownership by Country

Ranking the top 10 smartphone friendly nations by ownership, usage & penetration.

*Segmented per million

smsglobal™

9 UK

Smartphones : 39.5
Population : 61.1
Penetration : 64%



8 Germany

Smartphones : 44.5
Population : 81.8
Penetration : 54%

4 Russia

Smartphones : 58.2
Population : 142.9
Penetration : 40%

5

Japan

Smartphones : 57.4
Population : 127.6
Penetration : 44%

1

China

Smartphones : 574.2
Population : 1,400.1
Penetration : 41%

3

India

Smartphones : 167.9
Population : 1,237.4
Penetration : 13%

7

Indonesia

Smartphones : 52.9
Population : 237.5
Penetration : 22%

6 Brazil

Smartphones : 48.6
Population : 201.1
Penetration : 23%

10

Mexico

Smartphones : 34.6
Population : 112.3
Penetration : 30%

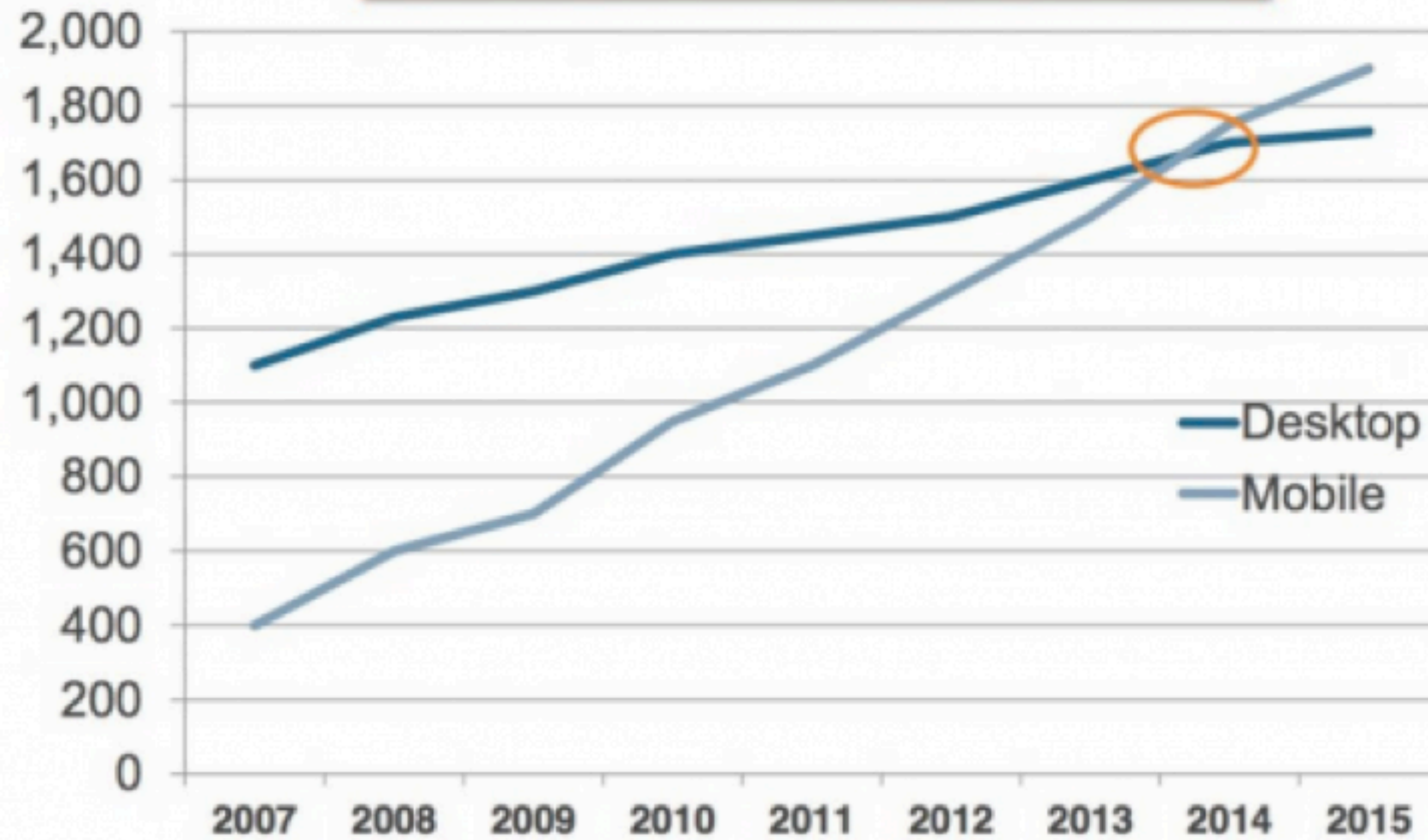
2

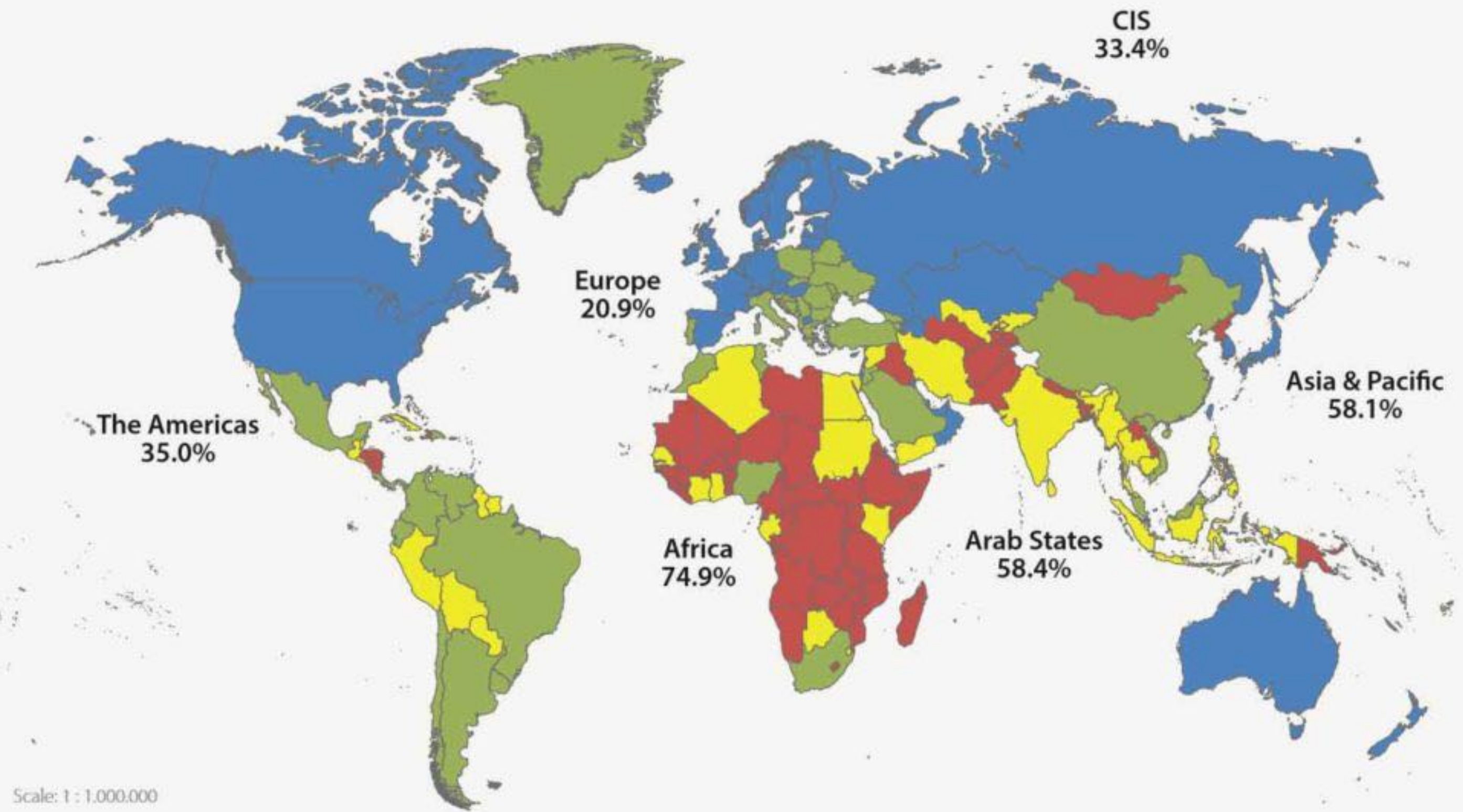
United States

Smartphones : 184.2
Population : 320.8
Penetration : 57%



Number of Global Users (Millions)





Percentage of individuals
NOT using the Internet

- 0 - 25
- 26 - 50
- 51 - 75
- 76 - 100

Source: ITU

By end 2016, 3.9 billion people - 53% of the world's population - is not using the Internet.

In the Americas and the CIS regions, about one third of the population is offline.

While almost 75% of people in Africa are non-users, only 21% of Europeans are offline.

In Asia and the Pacific and the Arab States, the percentage of the population that is not using the Internet is very similar: 58.1 and 58.4%, respectively.



Mobility in Human Experience





AutoCAD 360

A
360

AUTODESK
AUTOCAD 360

Take the power of AutoCAD wherever you go!

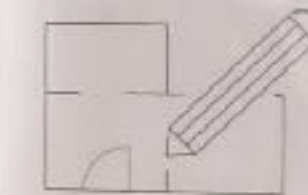


APPLE APP STORE



GOOGLE PLAY

AutoCAD 360 is an easy-to-use drawing and drafting application that lets you create, edit, and share AutoCAD drawings across mobile devices.



Draft, edit and view 2D CAD drawings



Measure your drawing accurately while on site

FIRE EXTINGUISHER



AUTODESK UNIVERSITY 2016

AUTODESK



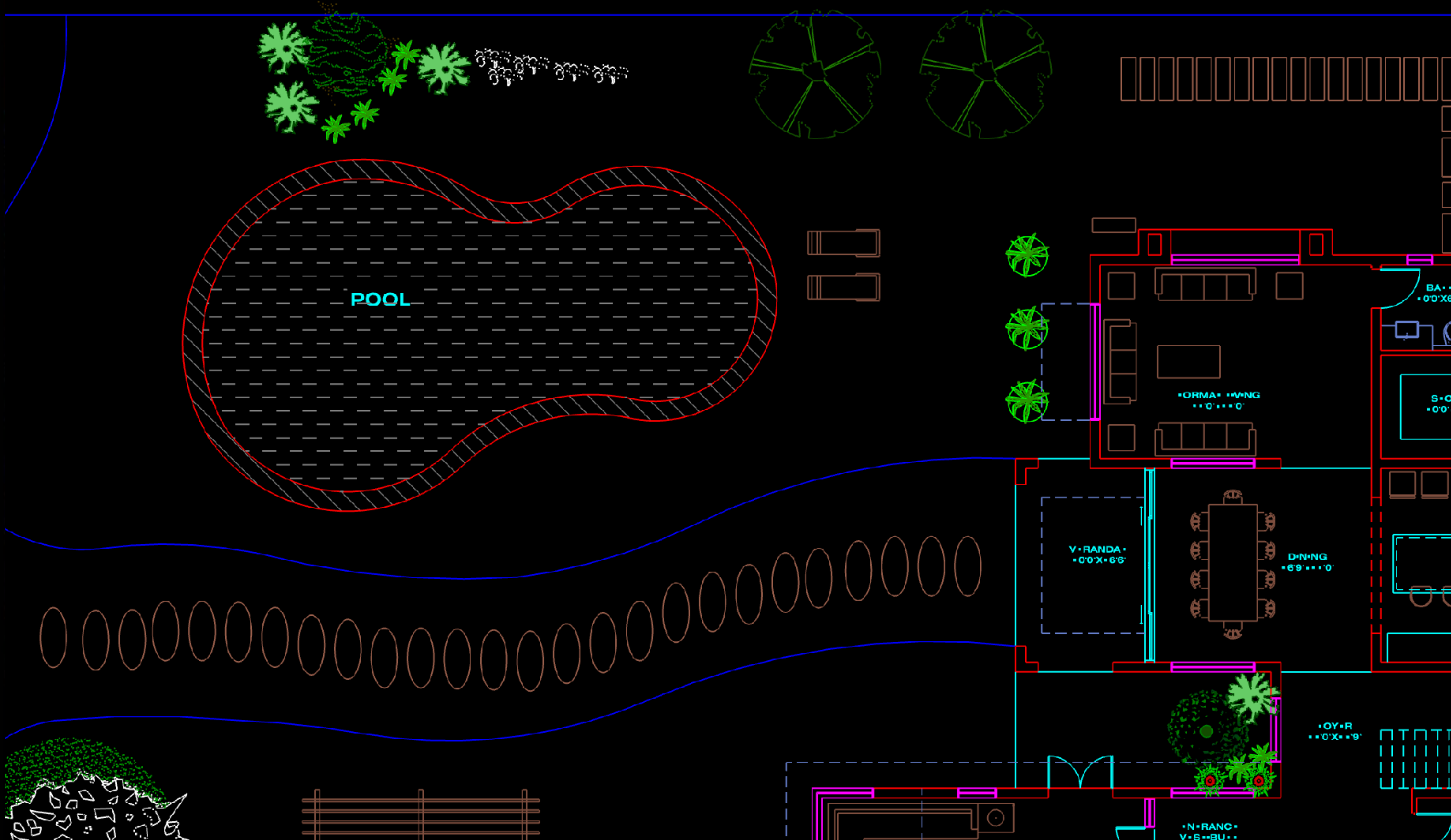
Bottom toolbar with icons for drawing and editing tools:

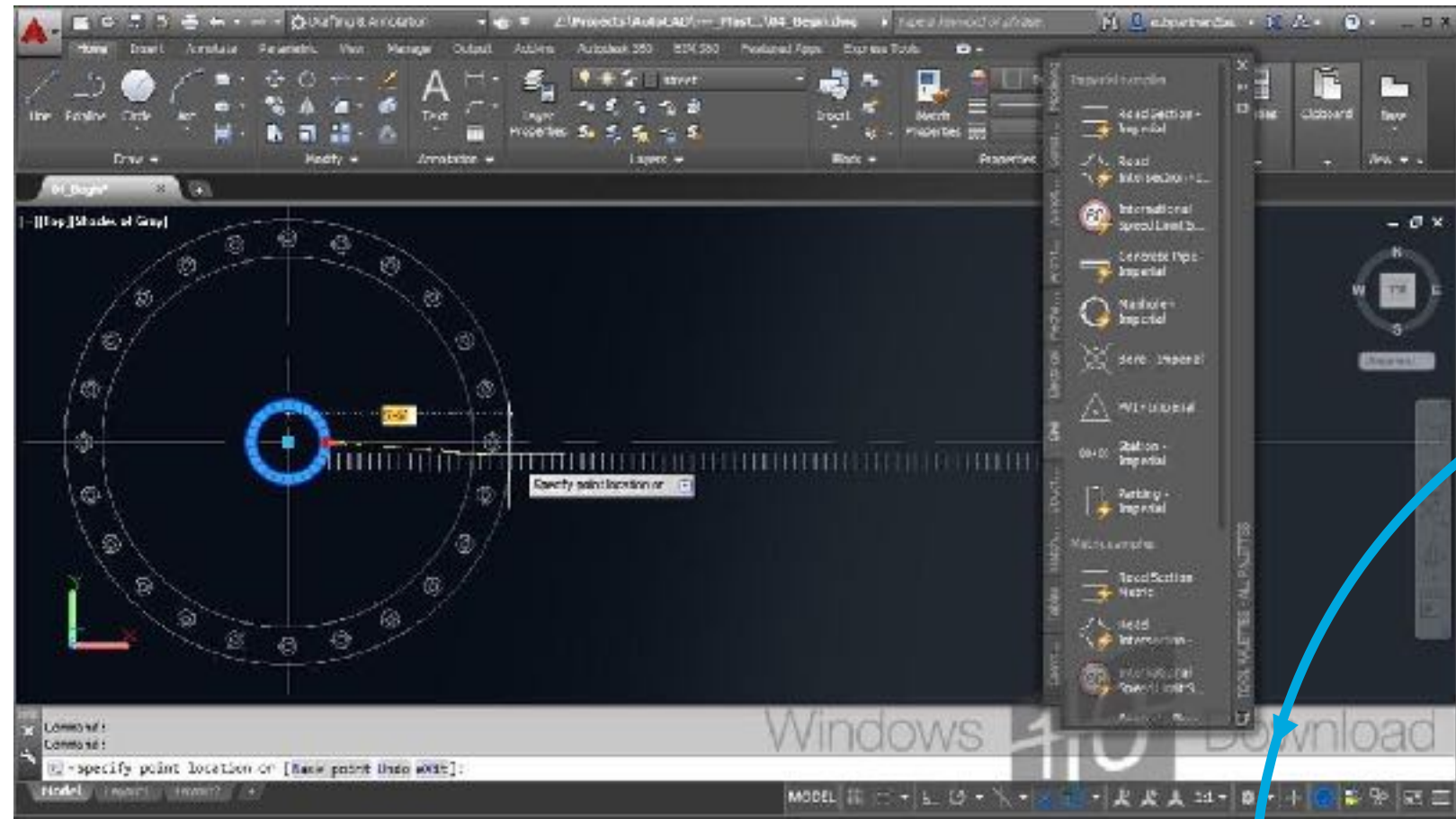
- Line
- Polyline
- Rectangle
- Circle
- Arc
- Smart Pen
- Select
- Quick Tools
- Draw
- Annotate
- Measure
- Dimension
- GPS

Blocks

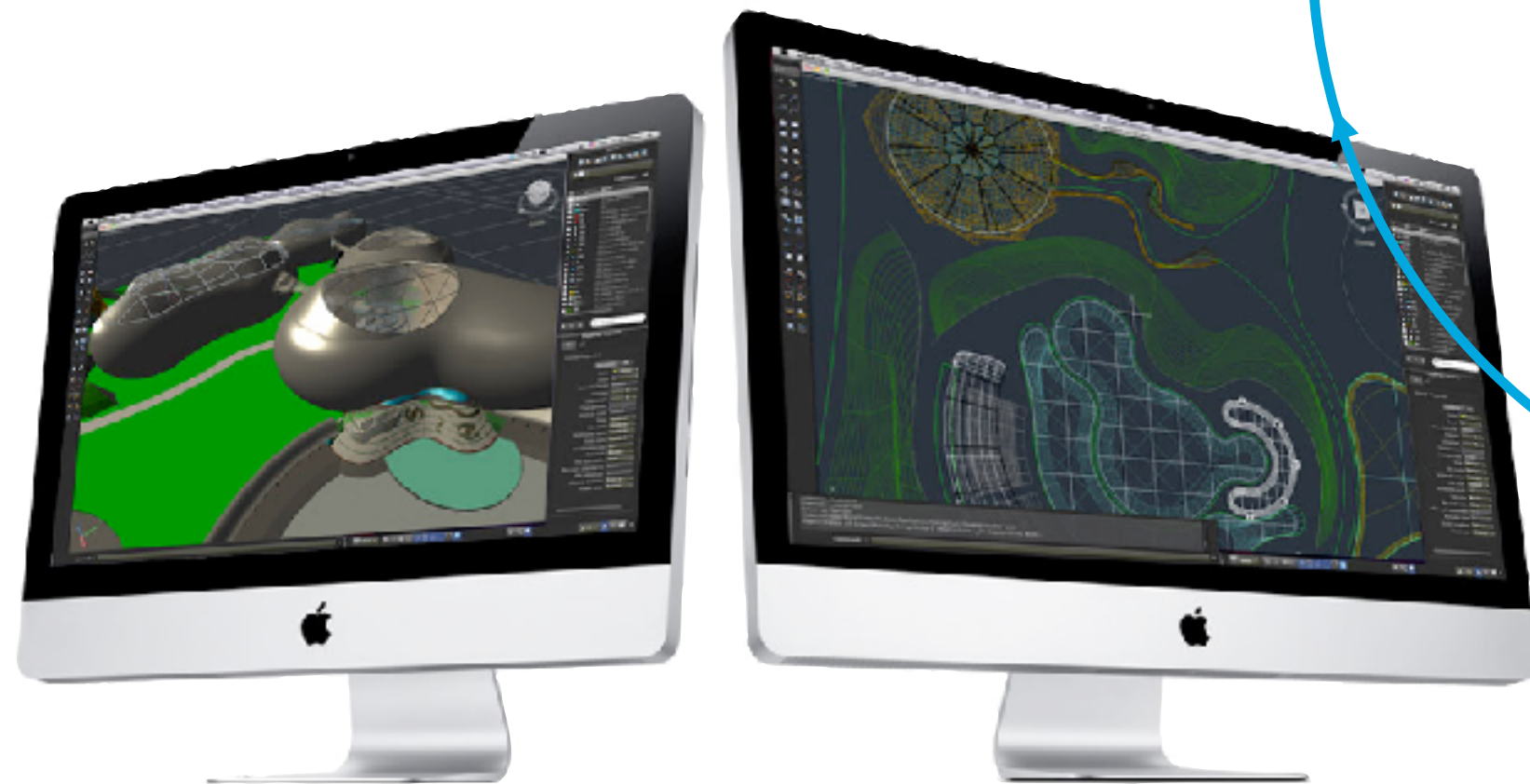
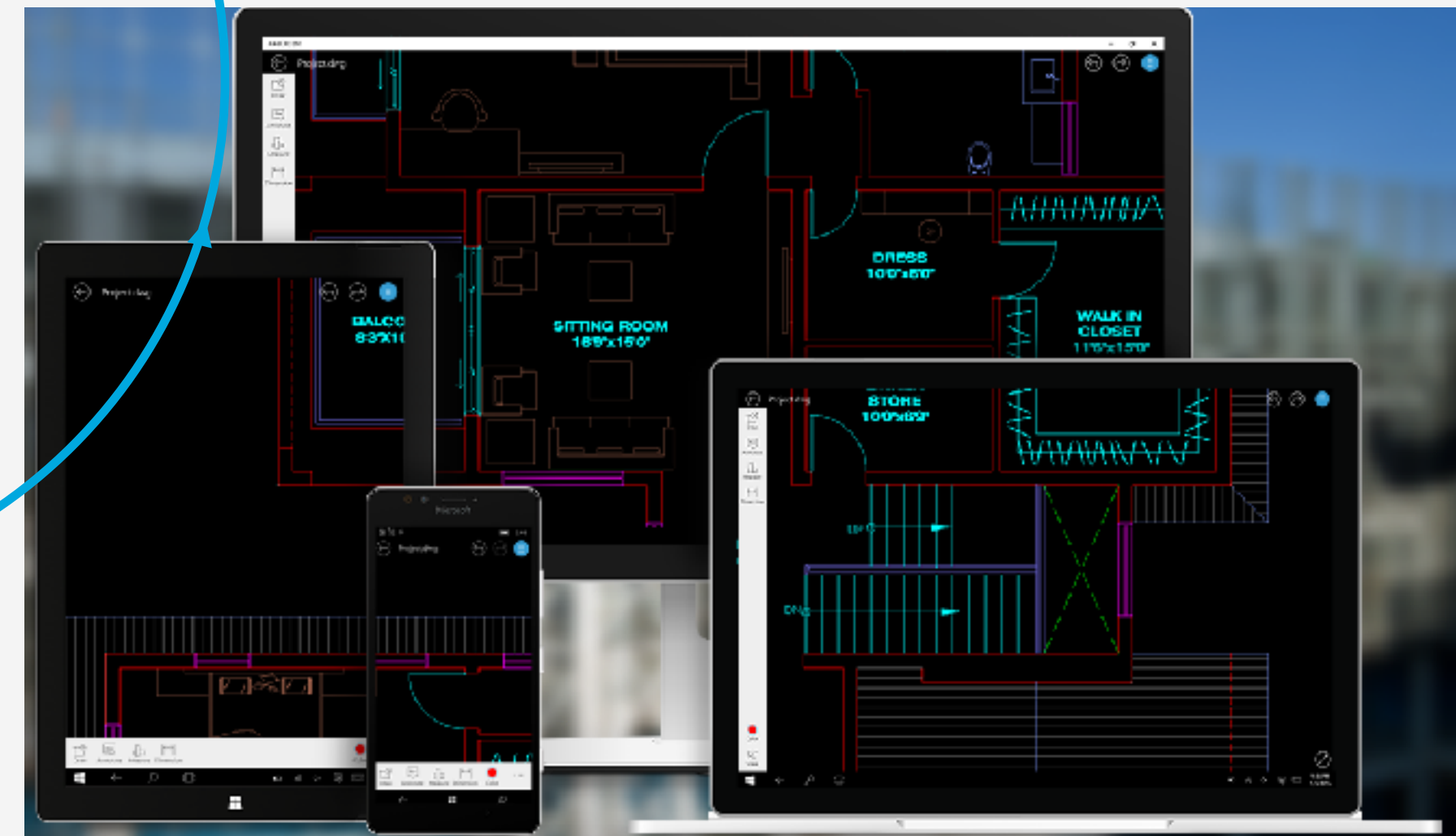
Tap or drag a block to insert it

1 seater sofa	1 seater sofa 3	123A PART
2 seater sofa	3 seater Small S	3 seater sofa
3 seater sofa 2	4 seater sofa	a-car
A-Plant	Basin	BATH 2
carpet	Chair	Chair 1
chairr	cxcx	d li rc
d li bh	d-1	dgdgd
Dinning Table	door	door





Anytime
Everywhere



APPLE APP STORE



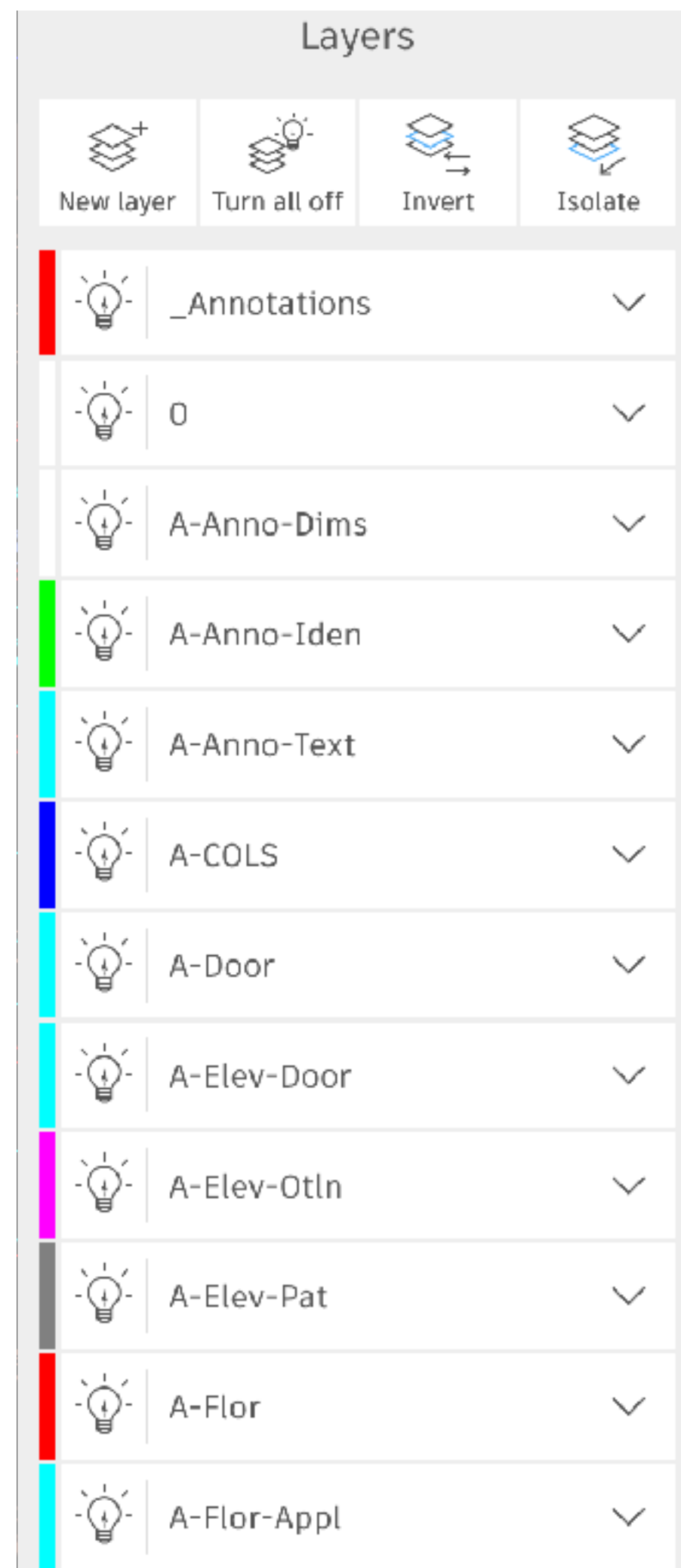
GOOGLE PLAY



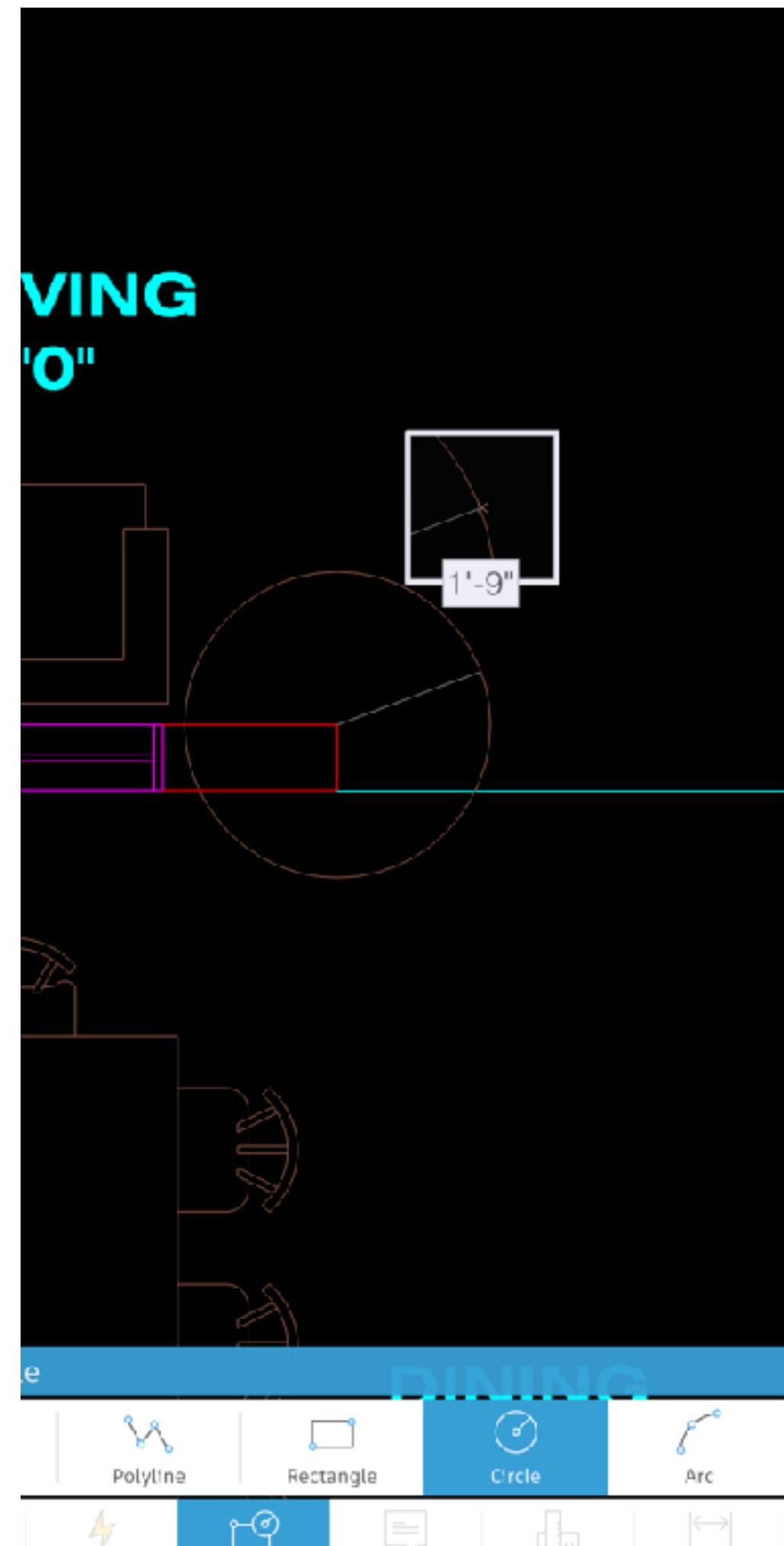
WINDOWS STORE



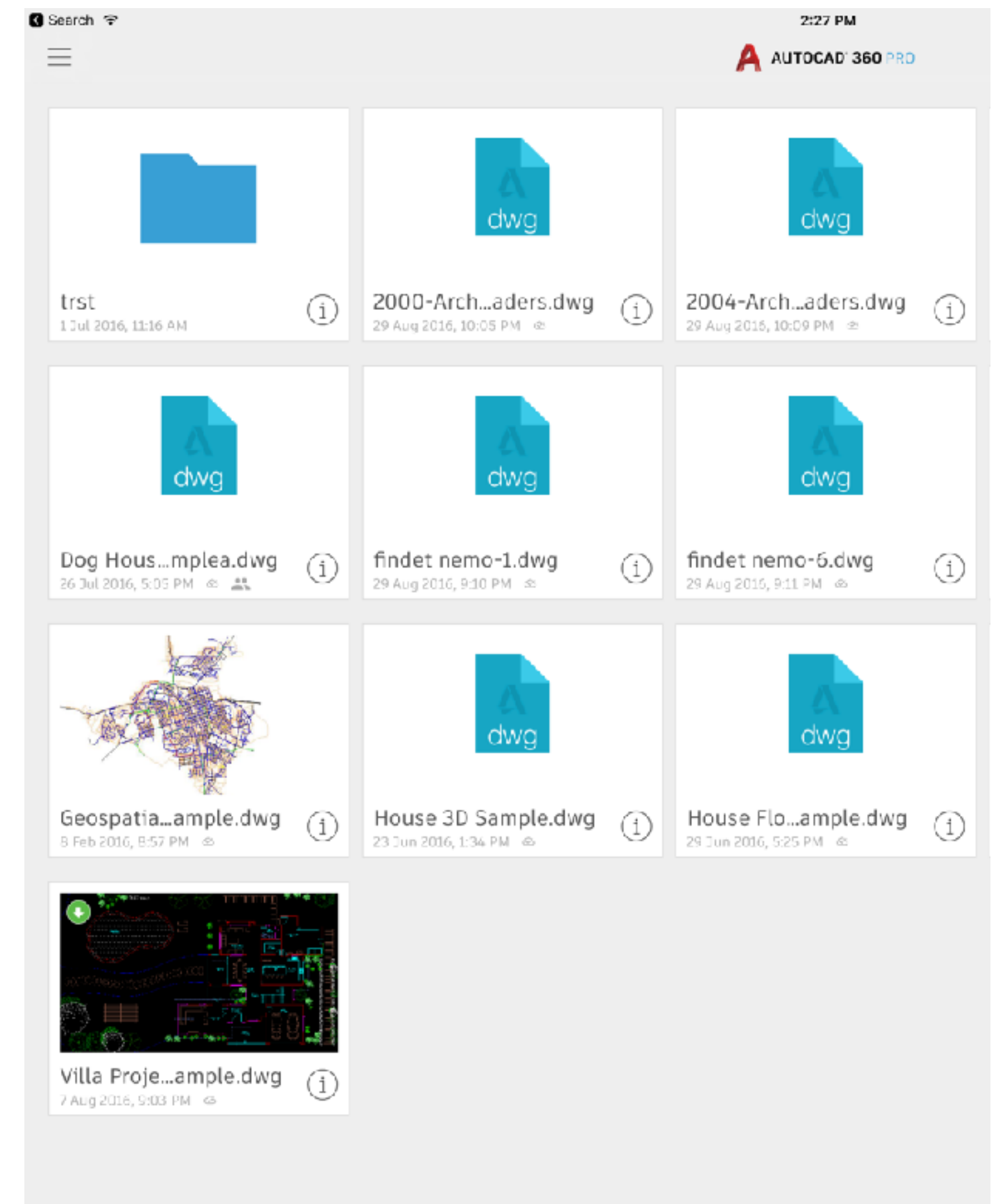




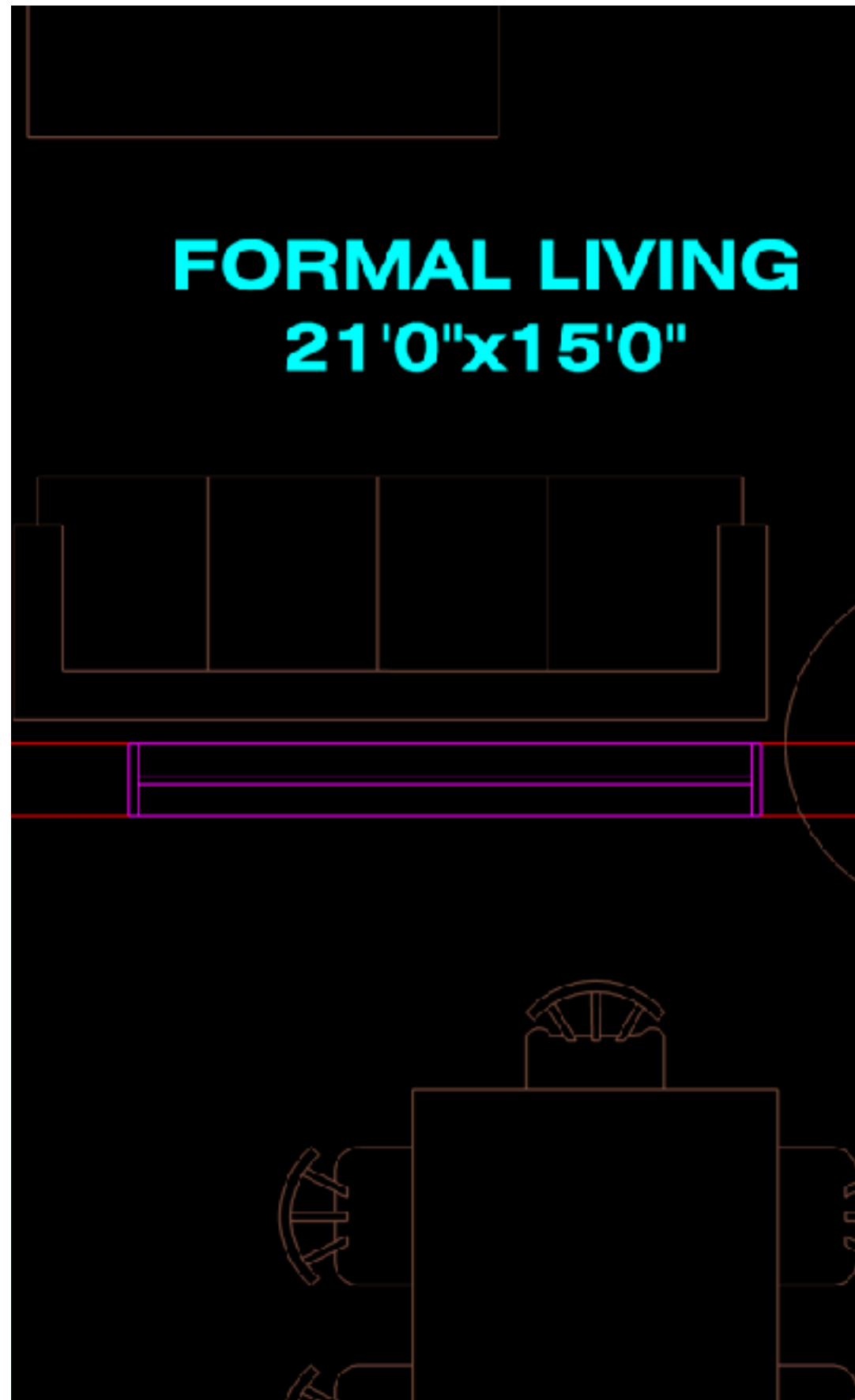
Simplified



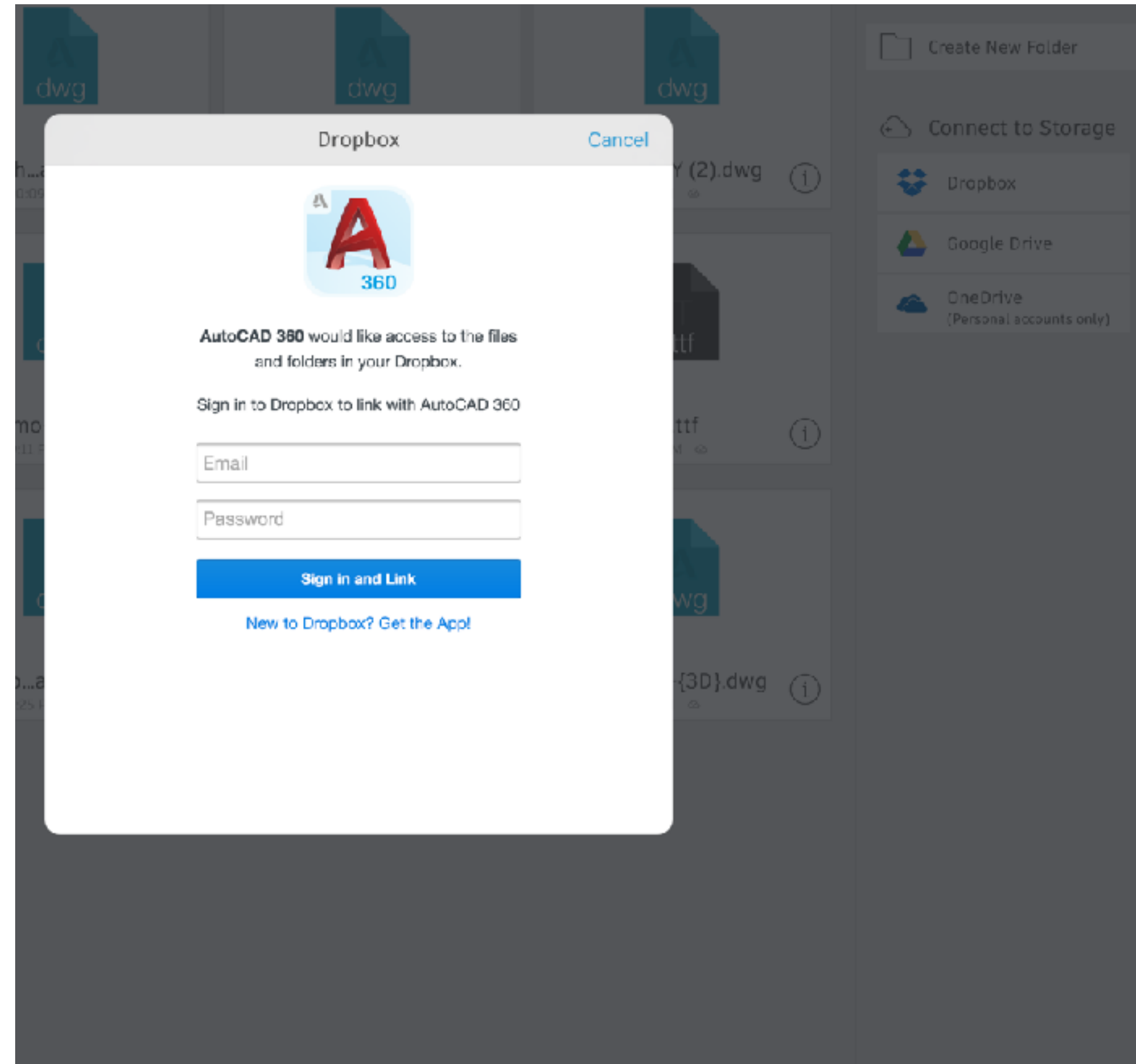
Designed for Mobile



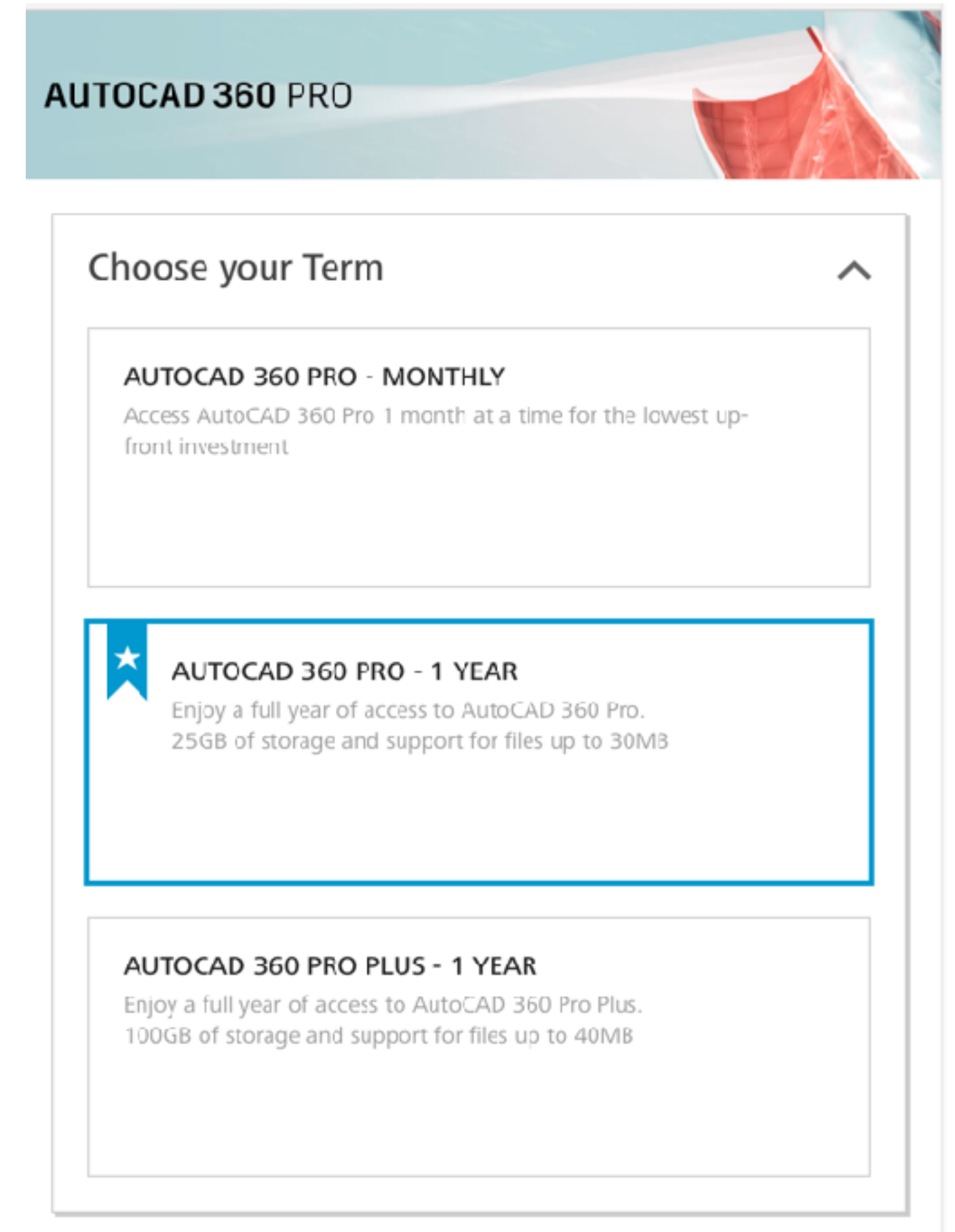
Access to Drawings



DWG Support

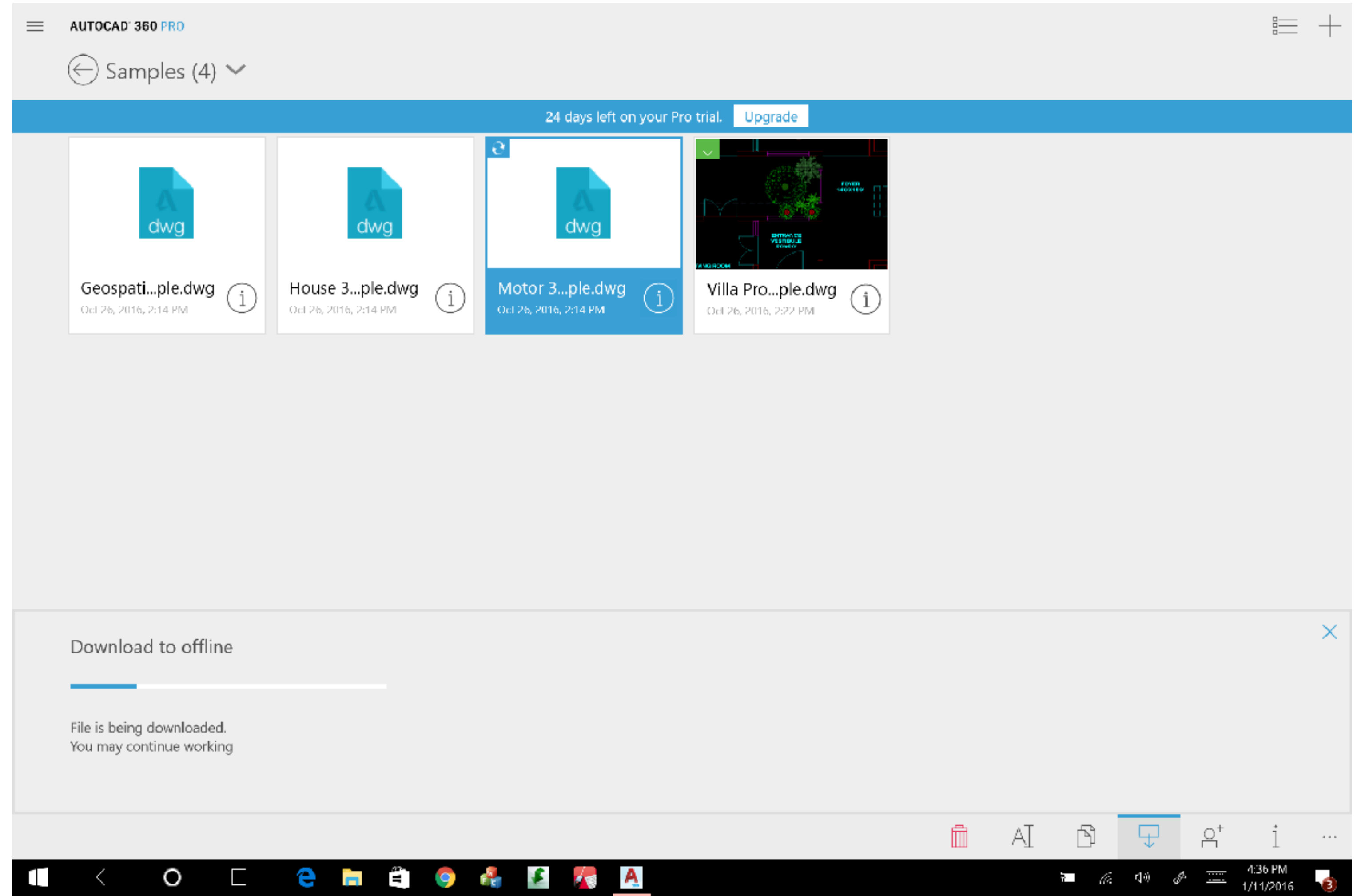
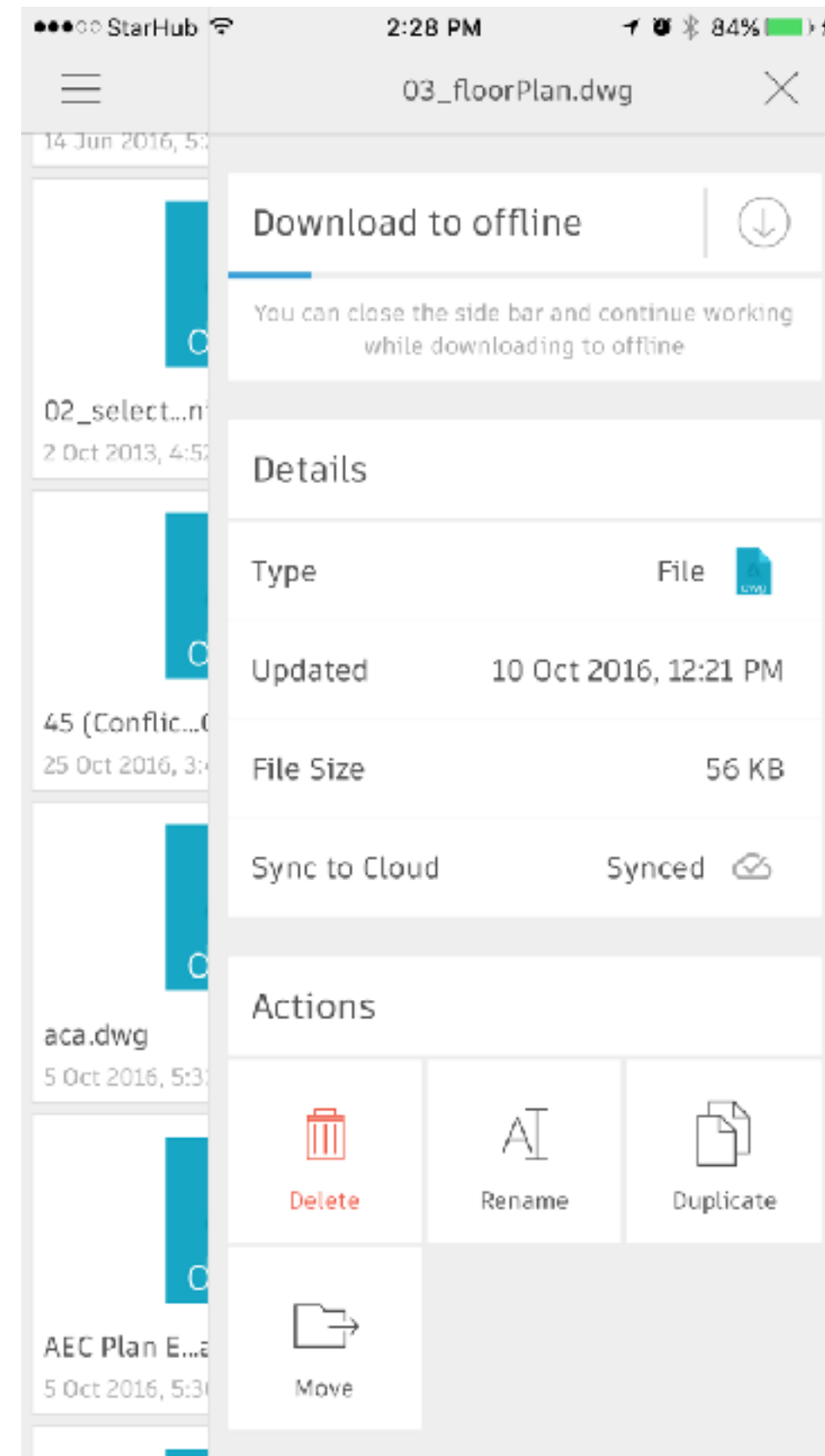


Cloud Storage Support



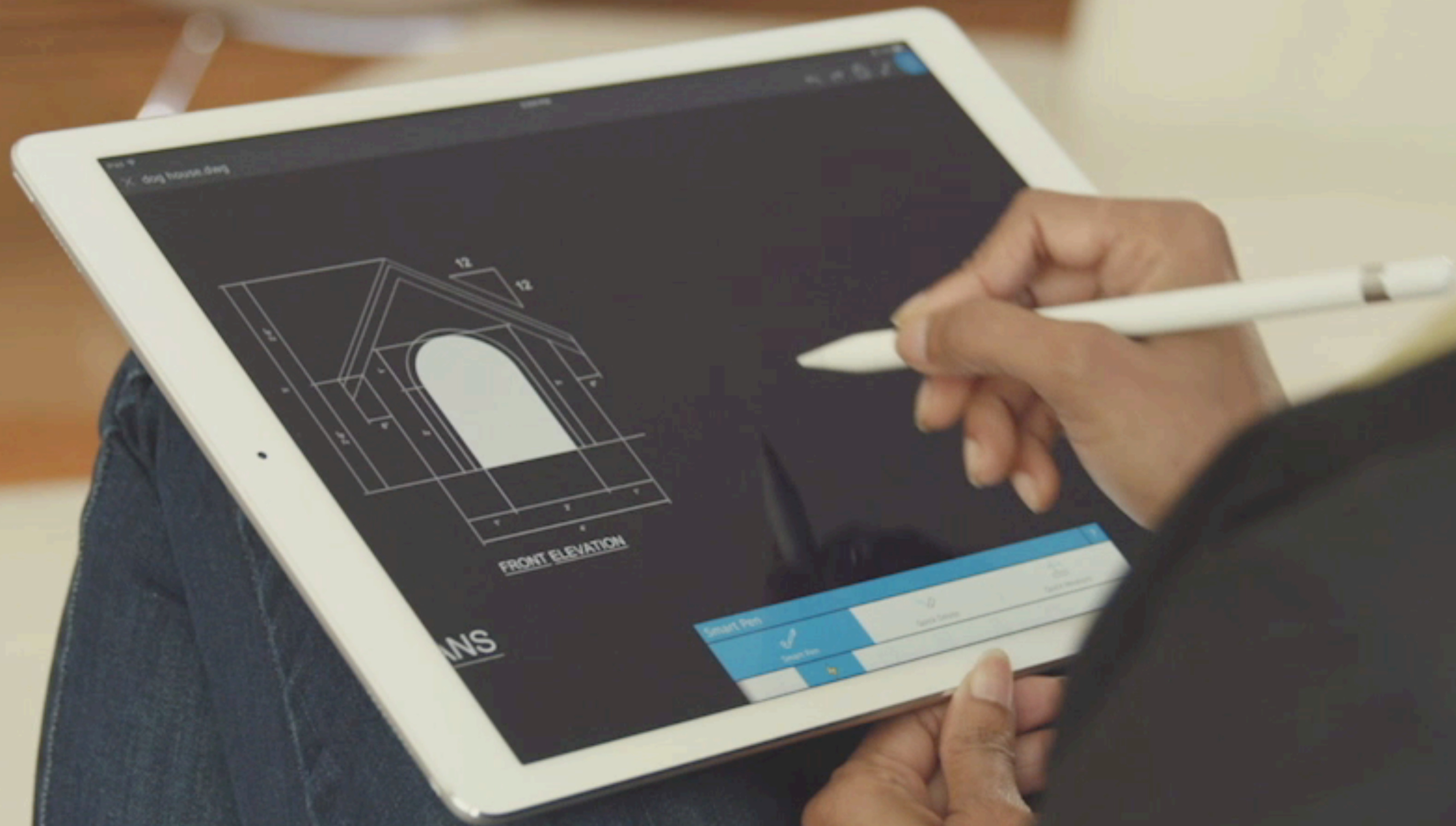
Subscription Plans

Working Offline



Smart Pen tool





 AUTODESK.



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To the Future ...



Source: http://www.cadcartoons.com/cadcartoons_home.html



Are Engineering Drawings Dead?



Are Engineering Drawings Dead?



ENG-TIPS.COM
ENGINEERING FORUMS

INTELLIGENT WORK FORUMS
FOR ENGINEERING PROFESSIONALS

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 **2D drawing nearly dead?** 

[thread730-282775](#)

GrabCAD Blog

Engineering Drawings are Dead

AUGUST 19TH, 2014 | BY ED LOPATEGUI

Their time has come and gone. Yet so much of the engineering community both far and wide seem to

theBIMhub



NEWS

MULTIMEDIA

RESOURCES

TOPICS

COMPANIES

PEOPLE

SEE YOUR AD HERE »

Opinion

2D is Dead, Long Live 2D

Posted by Richard Gore

7 Comments



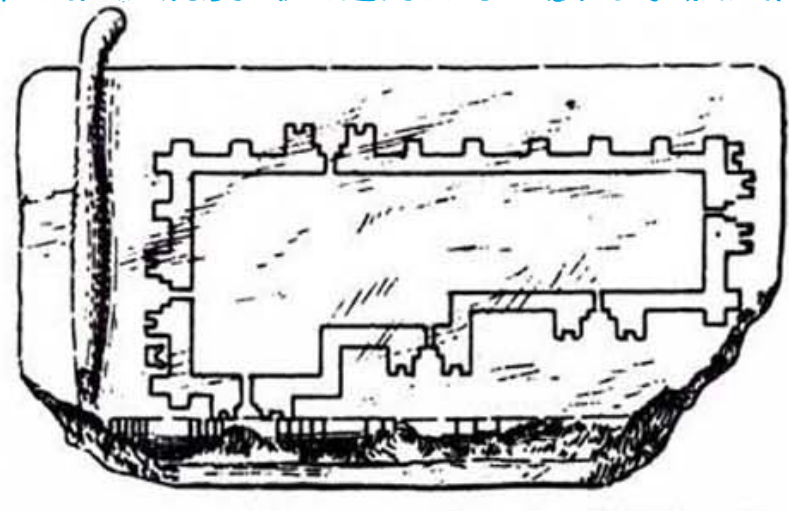
A black and white portrait of Mark Twain, showing his head and shoulders. He has white, wavy hair and a prominent white mustache. He is looking slightly to the left of the camera with a serious expression. The background is dark and out of focus.

**“THE REPORTS OF MY DEATH HAVE BEEN
GREATLY EXAGGERATED.”**

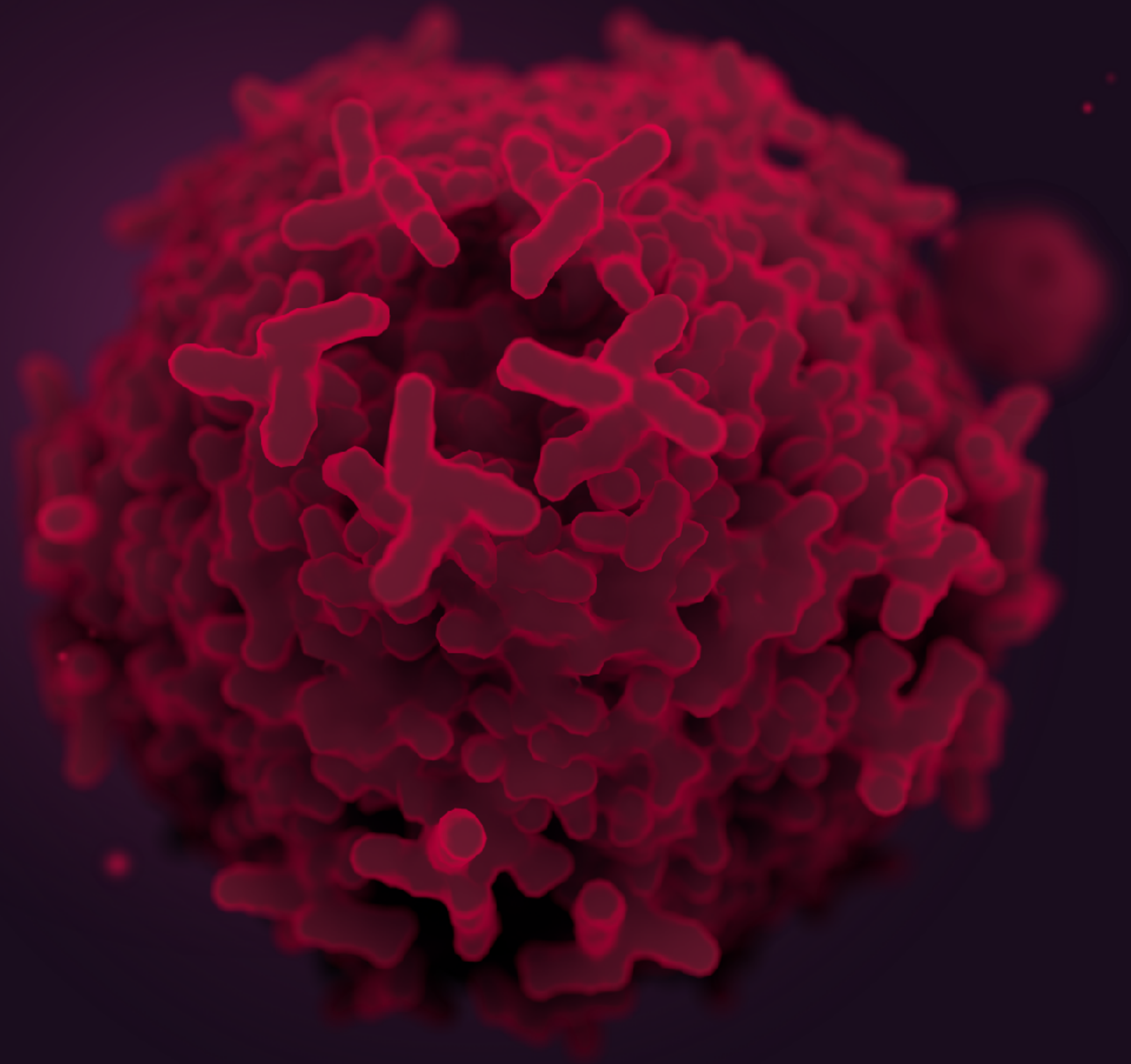
MARK TWAIN

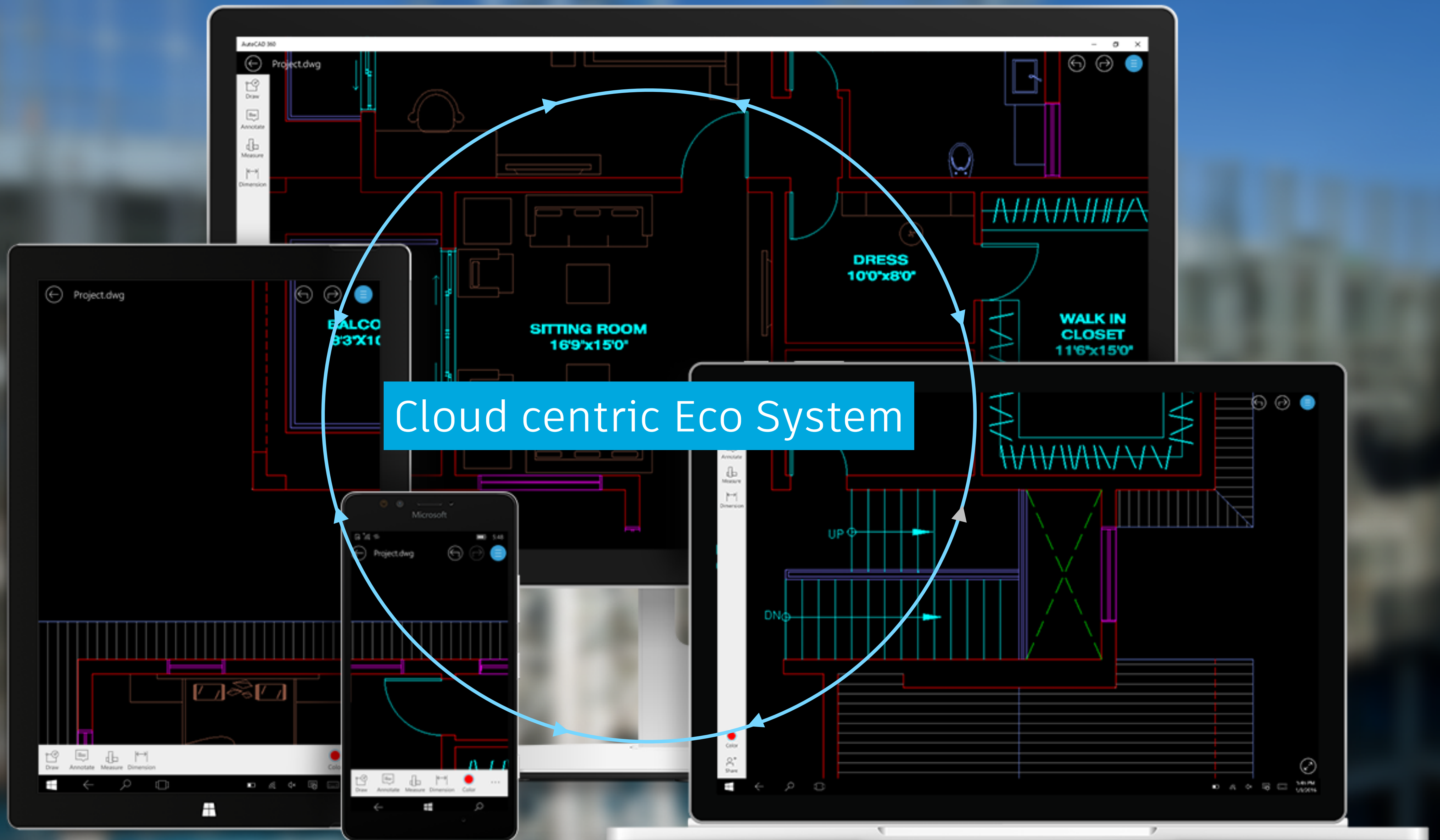
© Lifehack Quotes



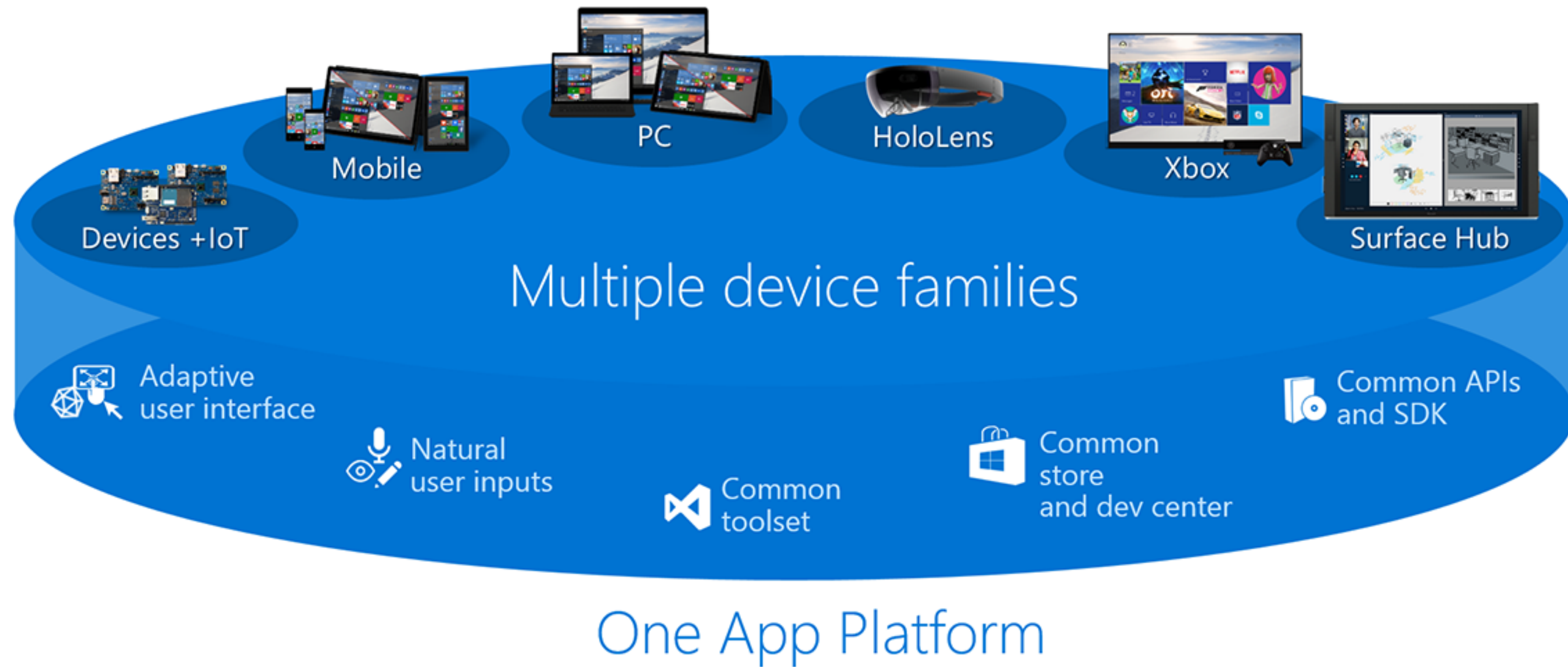


Ecosystem





Universal Windows Platform





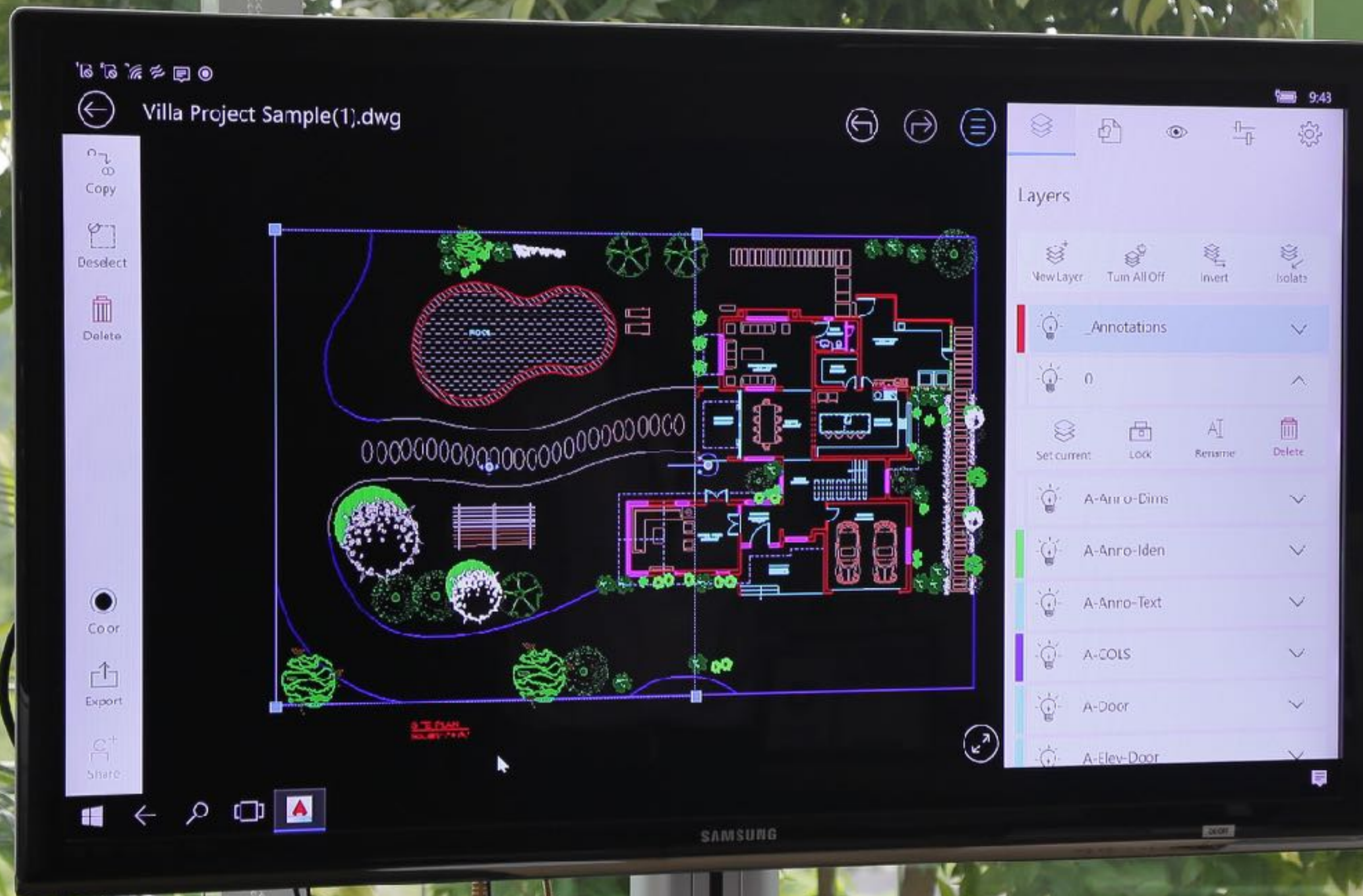
External Device supports



Demo: Continuum



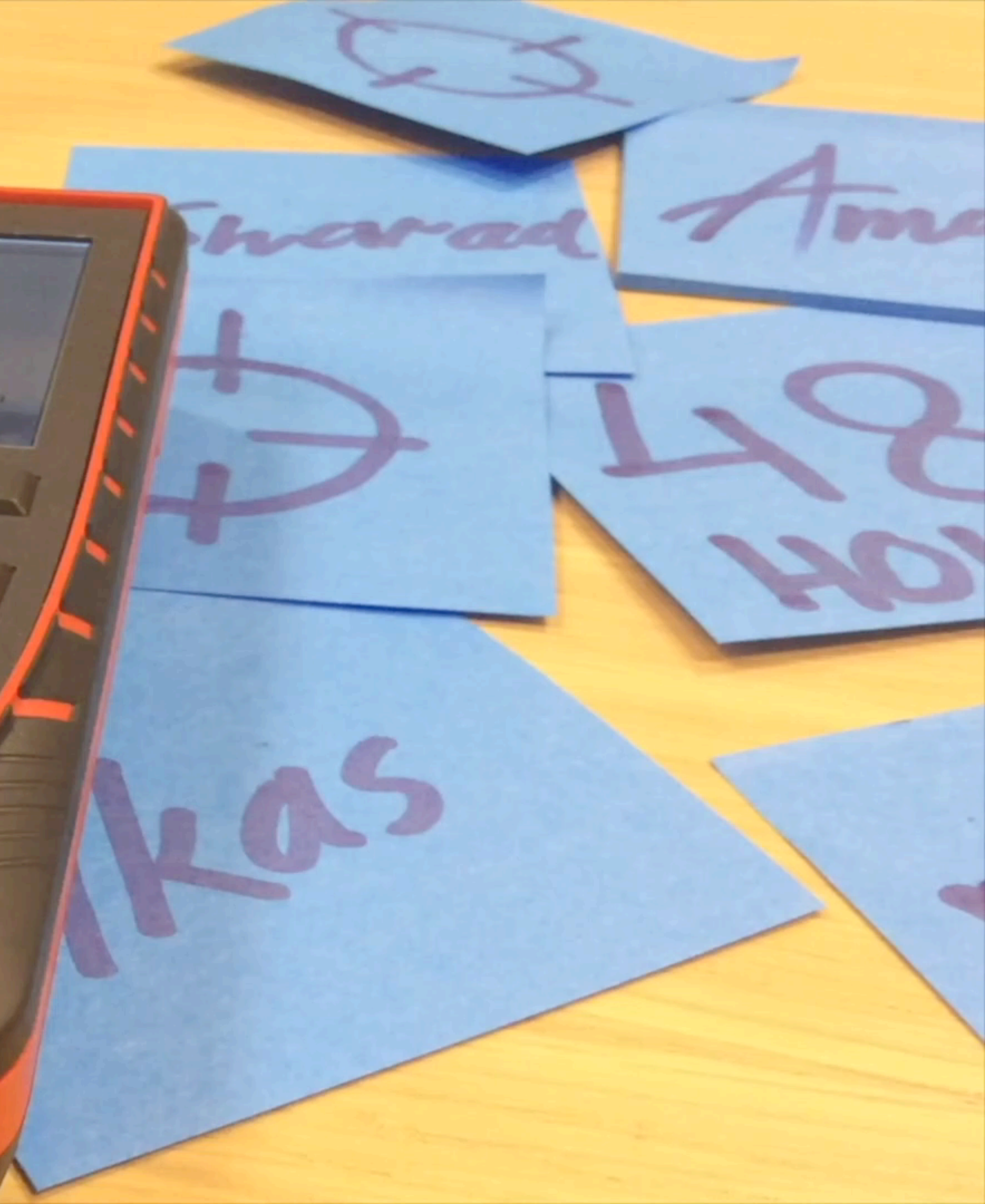
AutoCAD 360





Leica Disto : Demo







Talk to AutoCAD




AutoCAD for Groups



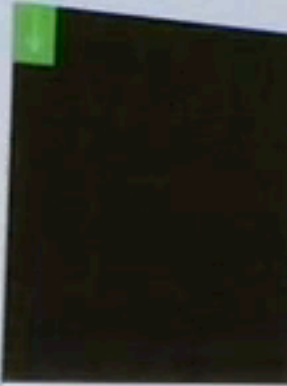
All Designs (5) Recent Designs (5)




Geospati...ple.dwg
Today, 10:04 AM



House 3...ple.dwg
Today, 10:04 AM



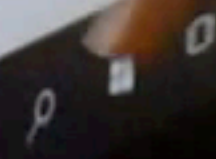
Hubtest.dwg
Today, 10:11 AM



Motor 3...ple.dwg
Today, 10:12 AM



Villa Pro...ple.dwg
Today, 10:04 AM





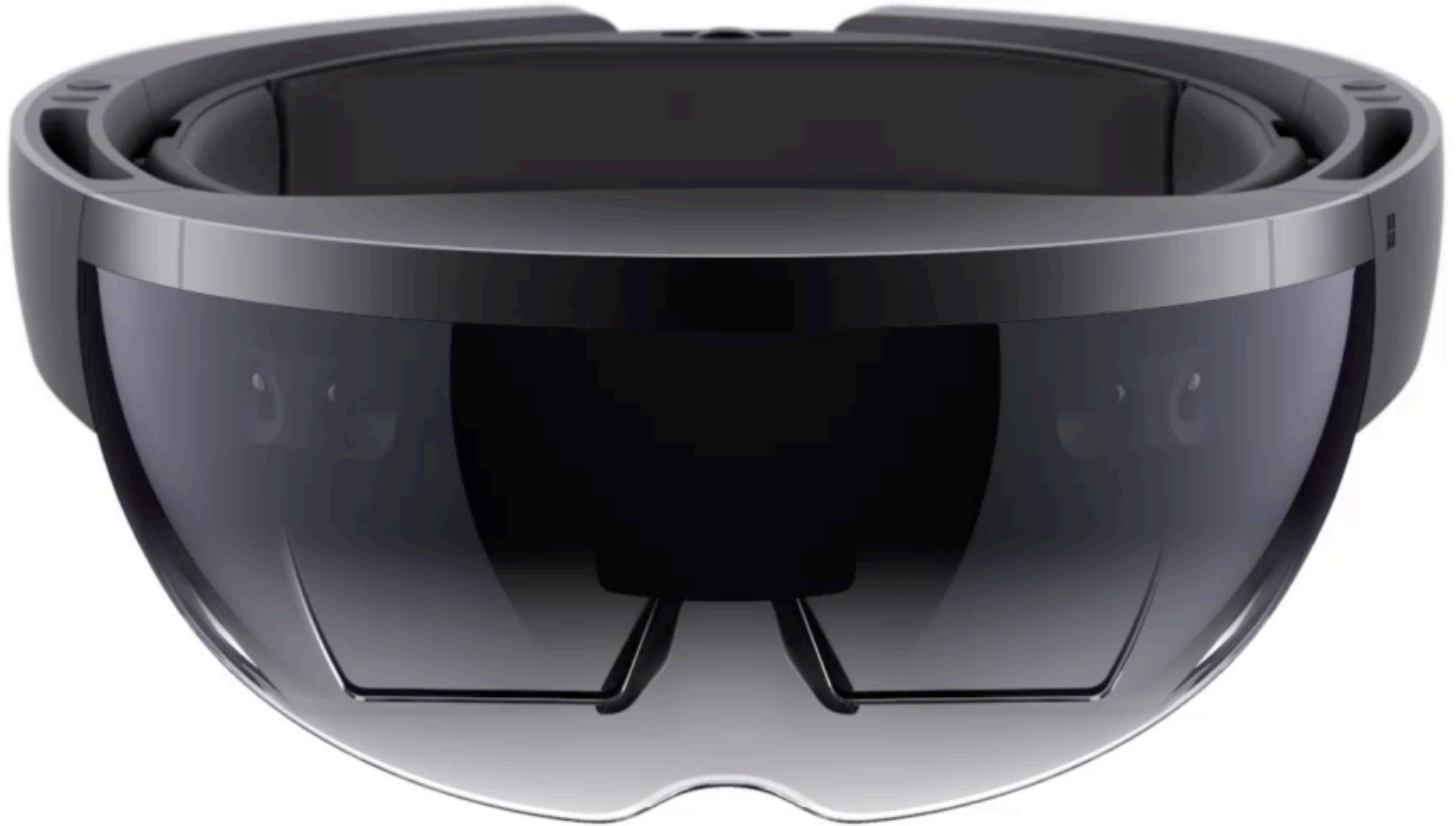
Microsoft

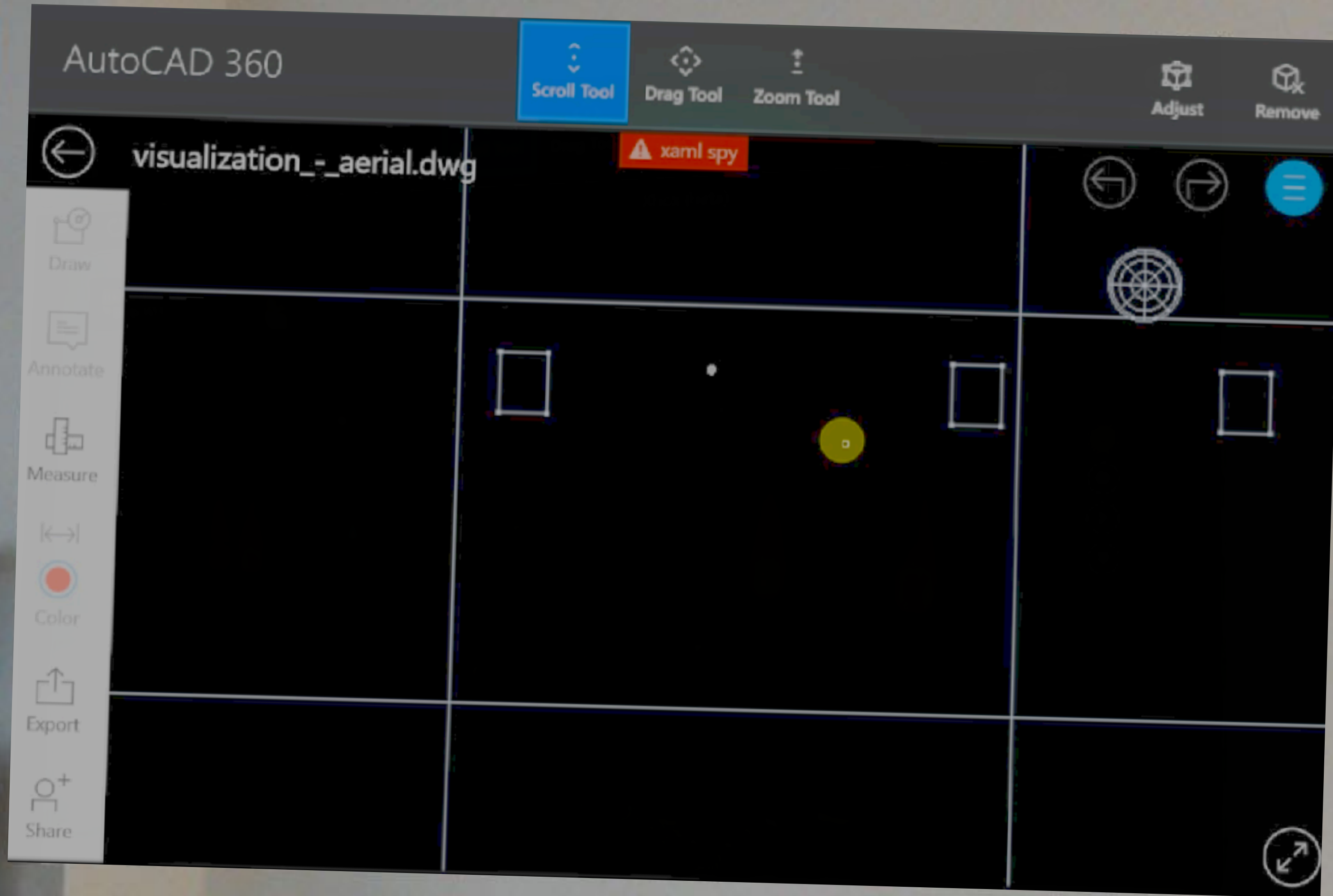
and Beyond ...



AR vs VR







AutoCAD 360

Scroll Tool

Drag Tool

Zoom Tool

Adjust

Remove

xaml spy

Offline Toggle

None



AUTODESK[®]
AUTOCAD[®] 360

asokar@gmail.com



.....

Forgot Password?

Or, create an account



asokar@gmail.com



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AutoCAD 360 – Windows Apps

Amarjeet

← → ↻

https://www.microsoft.com/en-us/store/p/autocad-360/9wzdncrfjctk#ratings-reviews

☆

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AutoCAD 360

Autodesk Inc.


★★★★★ (606)

Free⁺

Get the app

This app does not work on your device.

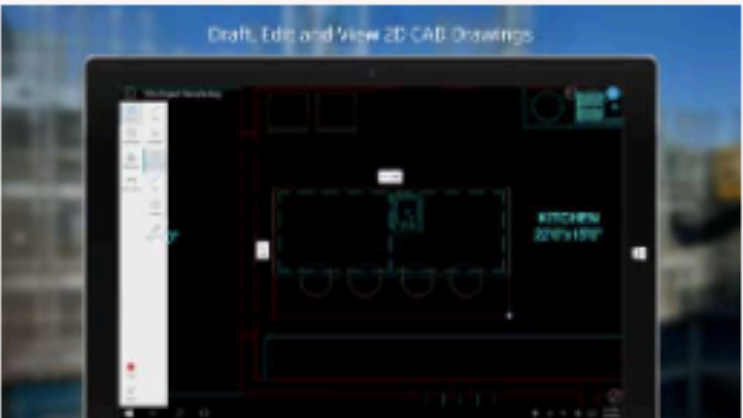
⁺Contains in-app purchases
May require certain hardware. See [System Requirements](#) for details.

 **Everyone**


Screenshots

PC ▾

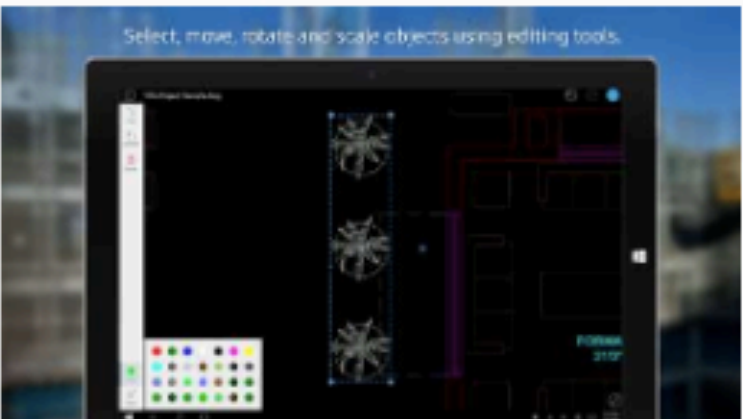
Draft, Edit and View 2D CAD Drawings



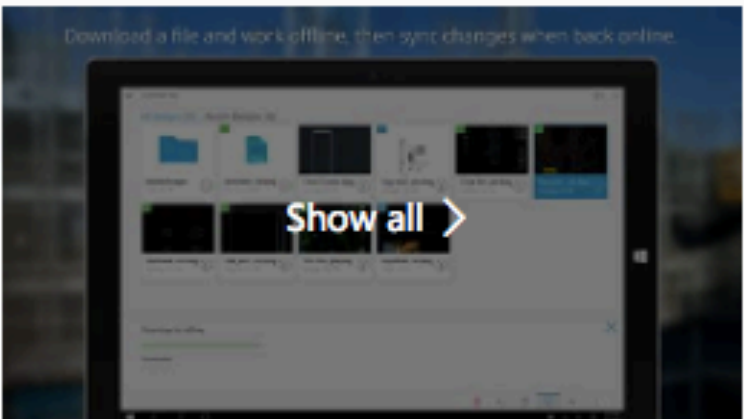
Measure your drawing accurately while on site



Select, move, rotate and scale objects using editing tools



Download a file and work offline. Then sync changes when back online





Show all >


Description

Autodesk® AutoCAD 360 — the official AutoCAD® mobile app. Take the power of AutoCAD with you wherever you go. AutoCAD 360 is a free*, easy-to-use drawing and drafting mobile application that allows you to view, edit, and share AutoCAD drawings across desktop, web, and mobile devices - anytime, anywhere. Simplify your site visits with the most powerful drafting and editing tool available. AutoCAD 360 offers an abundance of features and capabilities. You can upload and [More](#)

Available on


Windows Holographic


PC


mobile device

It's a new beginning...

Machine Learning

Multitouch

Generative Design

Personal Cloud Drive

Remote Collaboration

Mobility in Human Experience

Augmented Reality

Mixed Reality

HoloLens

Speech Recognition

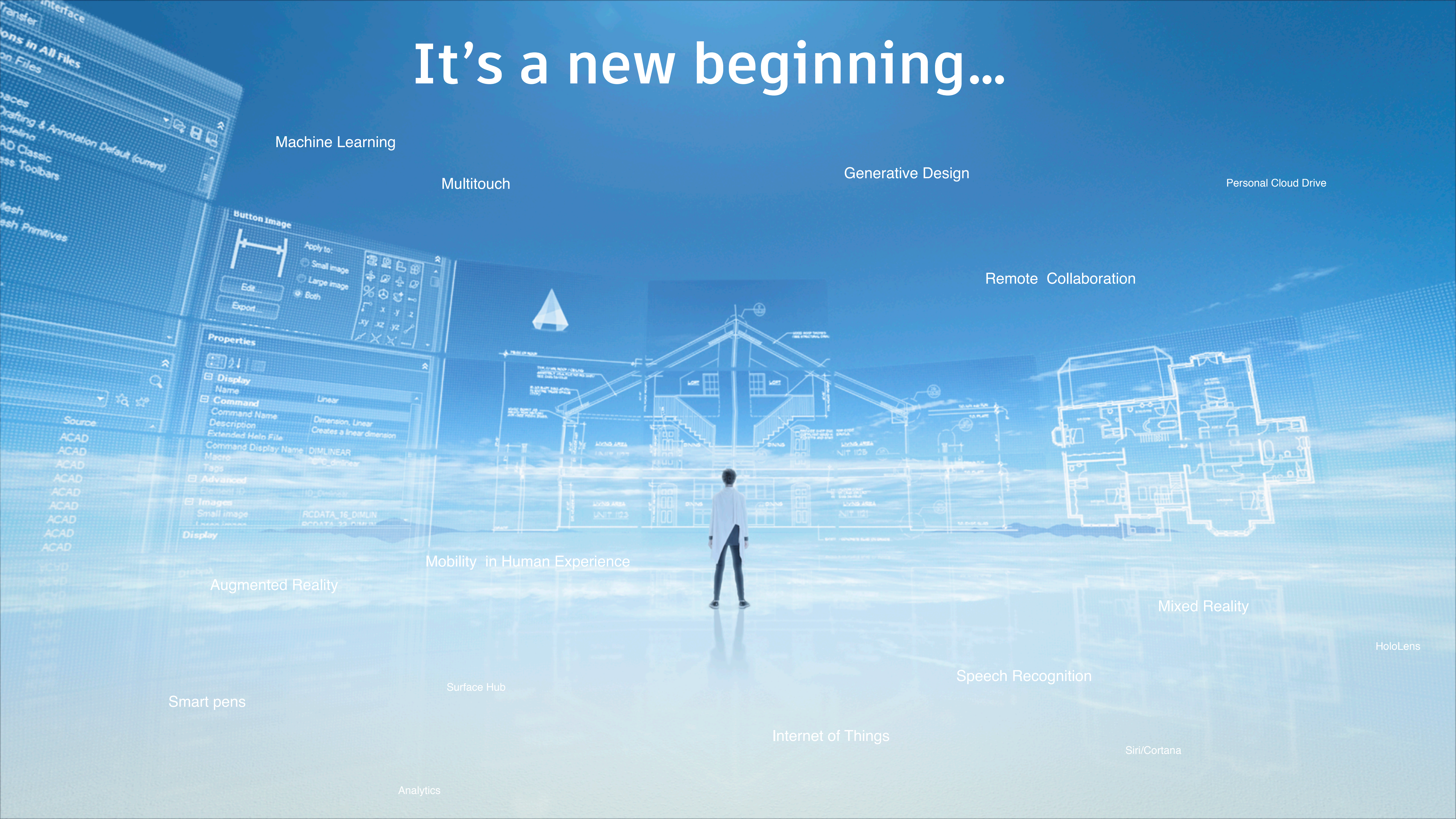
Siri/Cortana

Internet of Things

Surface Hub

Smart pens

Analytics



Go mobile with AutoCAD 360 Pro.

Text autocad360 to 77453 to install your free trial.

By texting to 77453 you are opting in to receive a link to download AutoCAD 360. Standard text messaging fees may apply.



Take the power of AutoCAD wherever you go!



