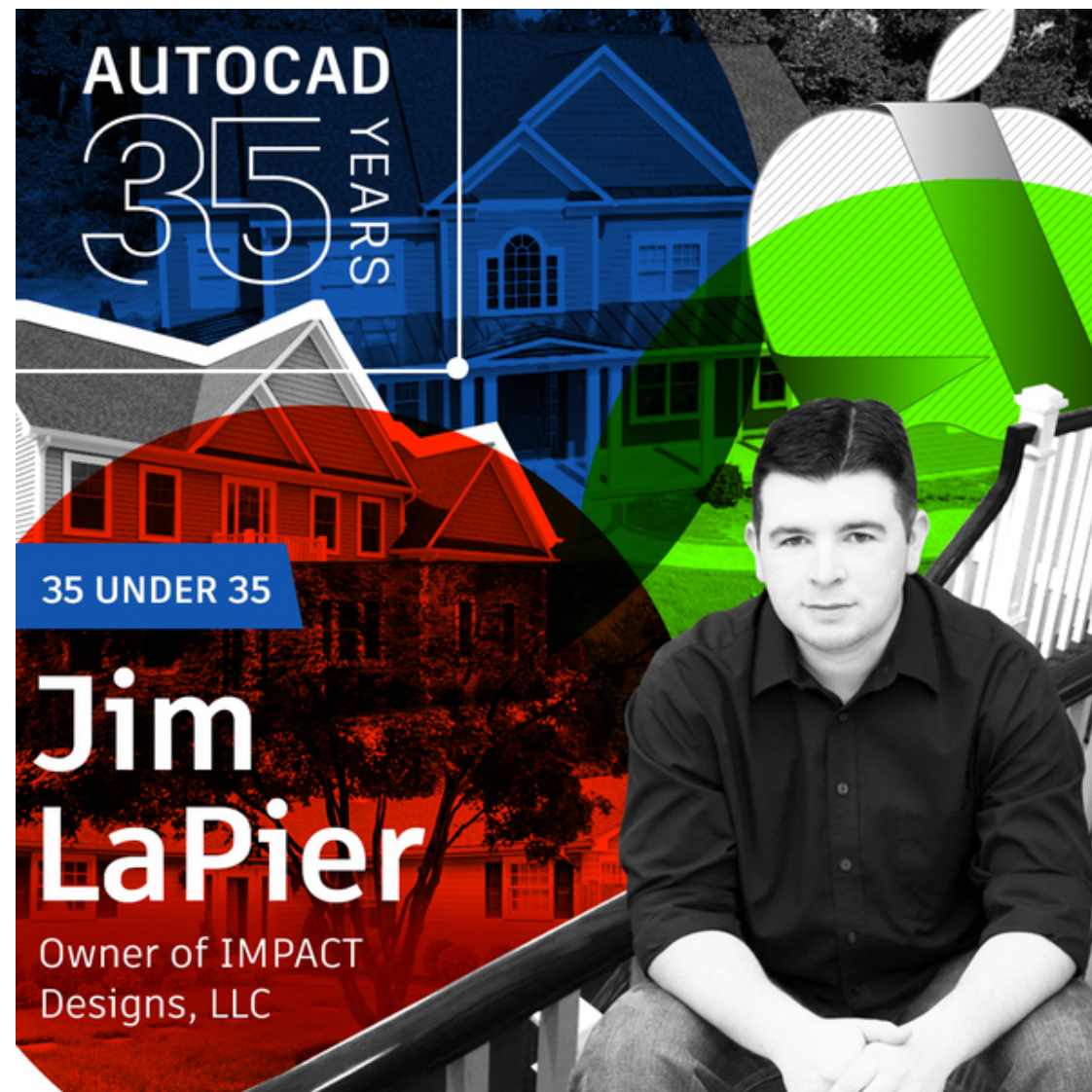


Road Dogs: Mobile Apps for Design

Jim LaPier

Owner, IMPACT Designs, LLC





About the speaker

A little about me . . .

- Started using AutoCAD 13
- Worked in electro-mechanical engineering, architectural design, telecommunications, CAD management
- AutoCAD Certified Expert / Expert Elite Member
- Autodesk's 35 under 35
- Owner of IMPACT Designs
- Adjunct Faculty at AACC
- Author on LinkedIn Learning (formerly lynda.com)
- Former Genius at Apple Retail

Agenda

- AutoCAD Mobile
 - Accounts
 - Interface
- Other Software
 - A360
 - Markups / Sketching
 - File Management
- OS
- Accessories
 - Cases
 - Input
 - Other

Accounts

- Free
- Subscription
 - Premium
 - Ultimate




Accounts

- Free
- Subscription
 - Premium - \$5 per month / \$50 year / Included in Subscription
 - Ultimate - \$15 per month / \$100 per year

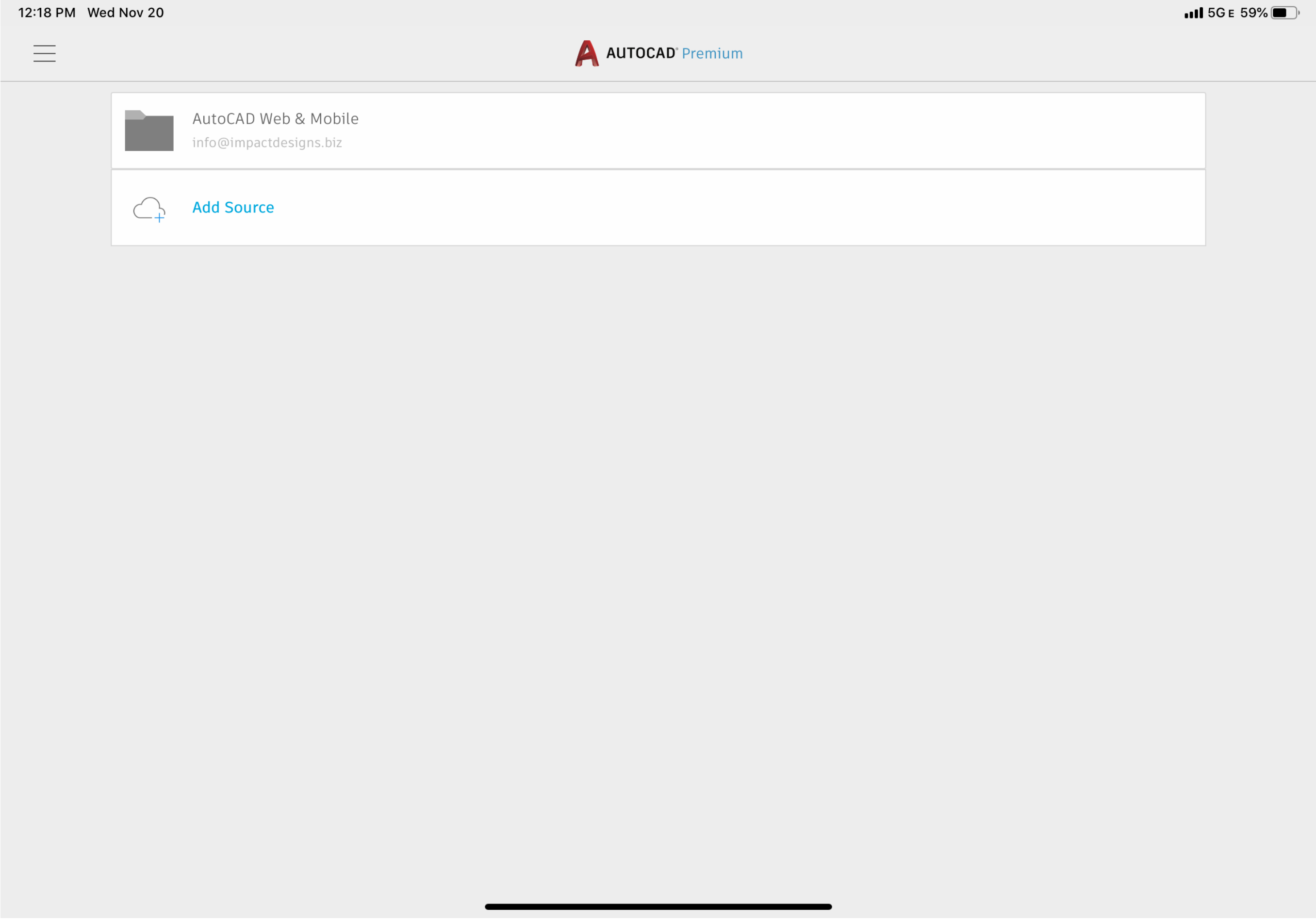
Accounts

- Free - View / Measure
- Subscription
 - Premium - Access to all drawing / editing tools, etc,
 - Ultimate - Premium + 100GB storage & 40mb max file size

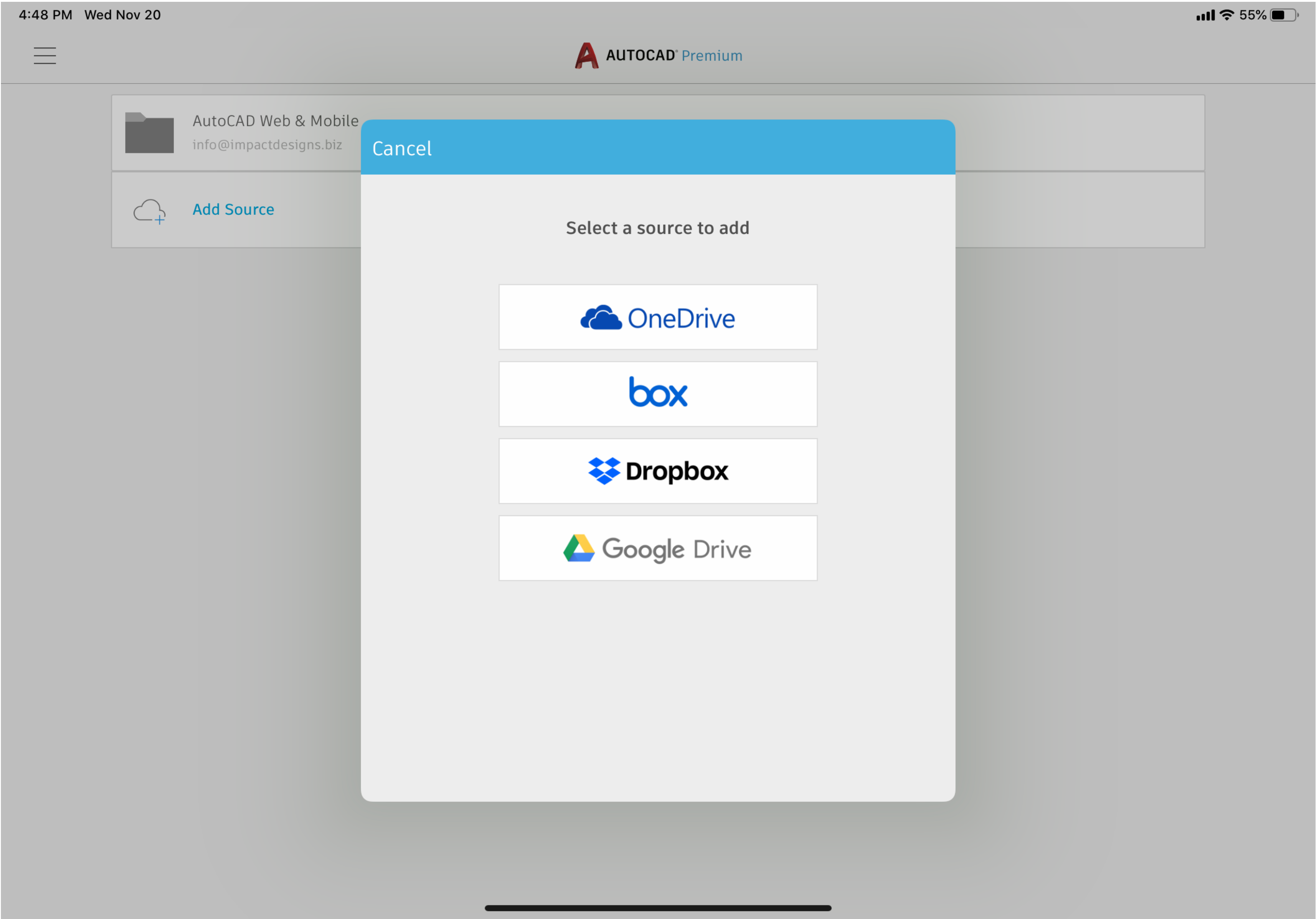
Accounts

Products	<div>AutoCAD mobile app Free</div> <div>Download for</div> <div>Apple Android Windows</div>	<div>AutoCAD mobile app Premium</div> <div>Subscribe</div>	<div>AutoCAD mobile app Ultimate</div> <div>Subscribe</div>
At a glance	<ul style="list-style-type: none">View and measure 2D CAD drawingsConnect to cloud storage including Autodesk's cloud, as well as OneDrive, Box, Dropbox, and Google Drive.	<div>Get everything in free, plus:</div> <ul style="list-style-type: none">Create, edit, and share 2D drawingsMark up and annotateManipulate layers and blocks	<div>Get everything in premium, plus:</div> <ul style="list-style-type: none">100 GB storage40 MB maximum file size
^ Pricing			
— Subscribe			
Monthly ⓘ	Free	\$5.00	\$15.00
Annual ⓘ	Free	\$50.00	\$100.00
^ Features			
— All			
Upload and view drawings	✓	✓	✓
Measuring tools	✓	✓	✓
Connect to cloud storage	✓	✓	✓
Share and plot data	✓	✓	✓
2D drawing and editing tools		✓	✓
Create new 2D drawings		✓	✓
Annotation tools		✓	✓
Manage layers		✓	✓
Object properties		✓	✓
Blocks		✓	✓
Priority support		✓	✓

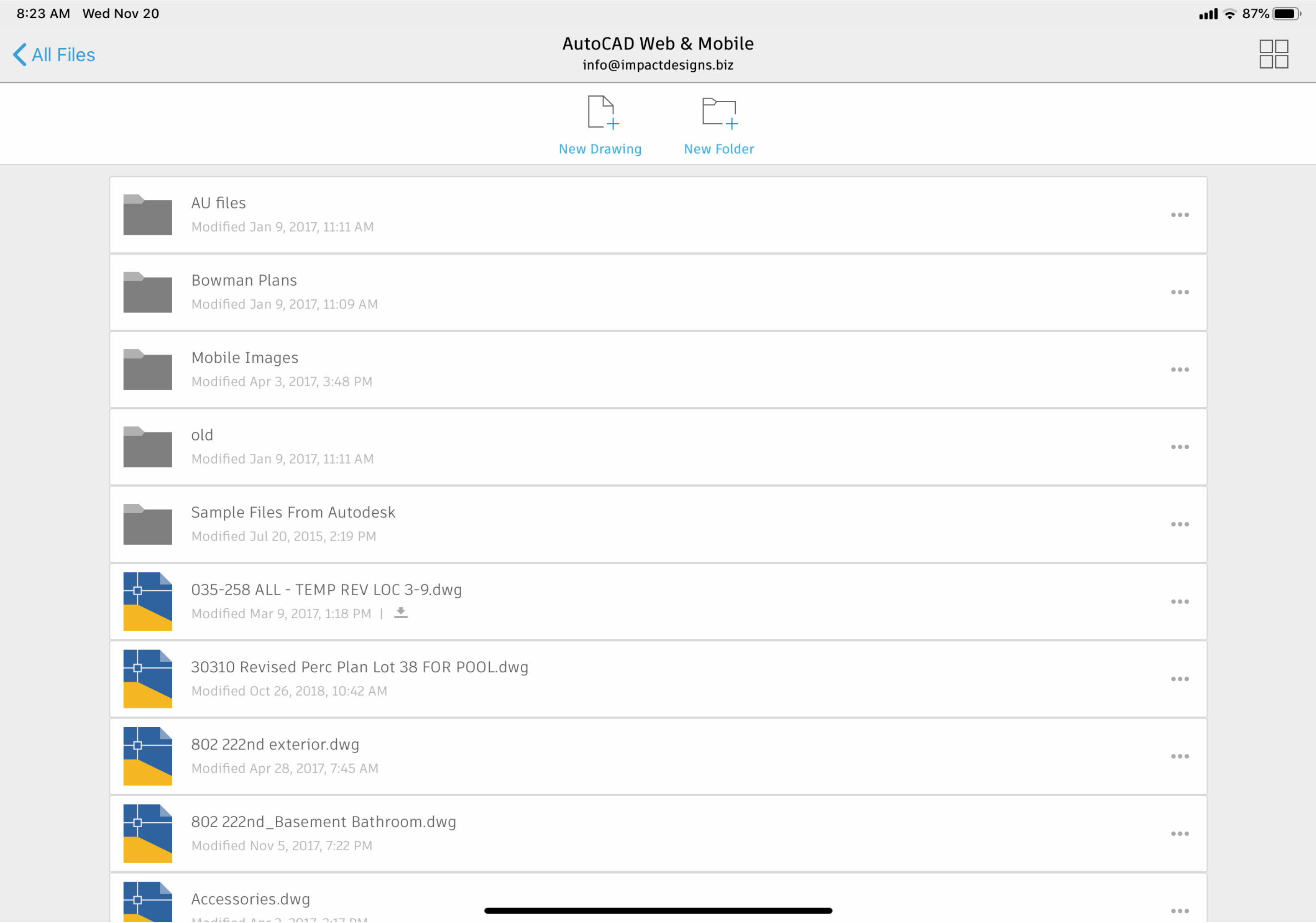
Home Screen



Home Screen



Home Screen



Home Screen

8:36 AM Wed Nov 20

AutoCAD Web & Mobile
info@impactdesigns.biz

Set 15.dwg

Download to offline

Details

Type

dwg

Updated

Jun 13, 2019, 7:22 AM

File Size

905 KB

Sync to Cloud

Synced

Actions

Delete

Rename

Duplicate

Move

All Files

New Drawing

New Folder

SET 1.dwg

Modified Jun 13, 2019, 7:22 AM

Set 11.dwg

Modified Jan 10, 2019, 10:01 AM

SET 12.dwg

Modified Apr 11, 2019, 1:25 PM

Set 14.dwg

Modified Apr 22, 2019, 4:11 PM

Set 15.dwg

Modified Jun 13, 2019, 7:22 AM

Set 2 (Conflicted Copy).dwg

Modified Sep 25, 2018, 10:22 AM

Set 2.dwg

Modified Sep 7, 2017, 9:50 AM

Set 2.dwg

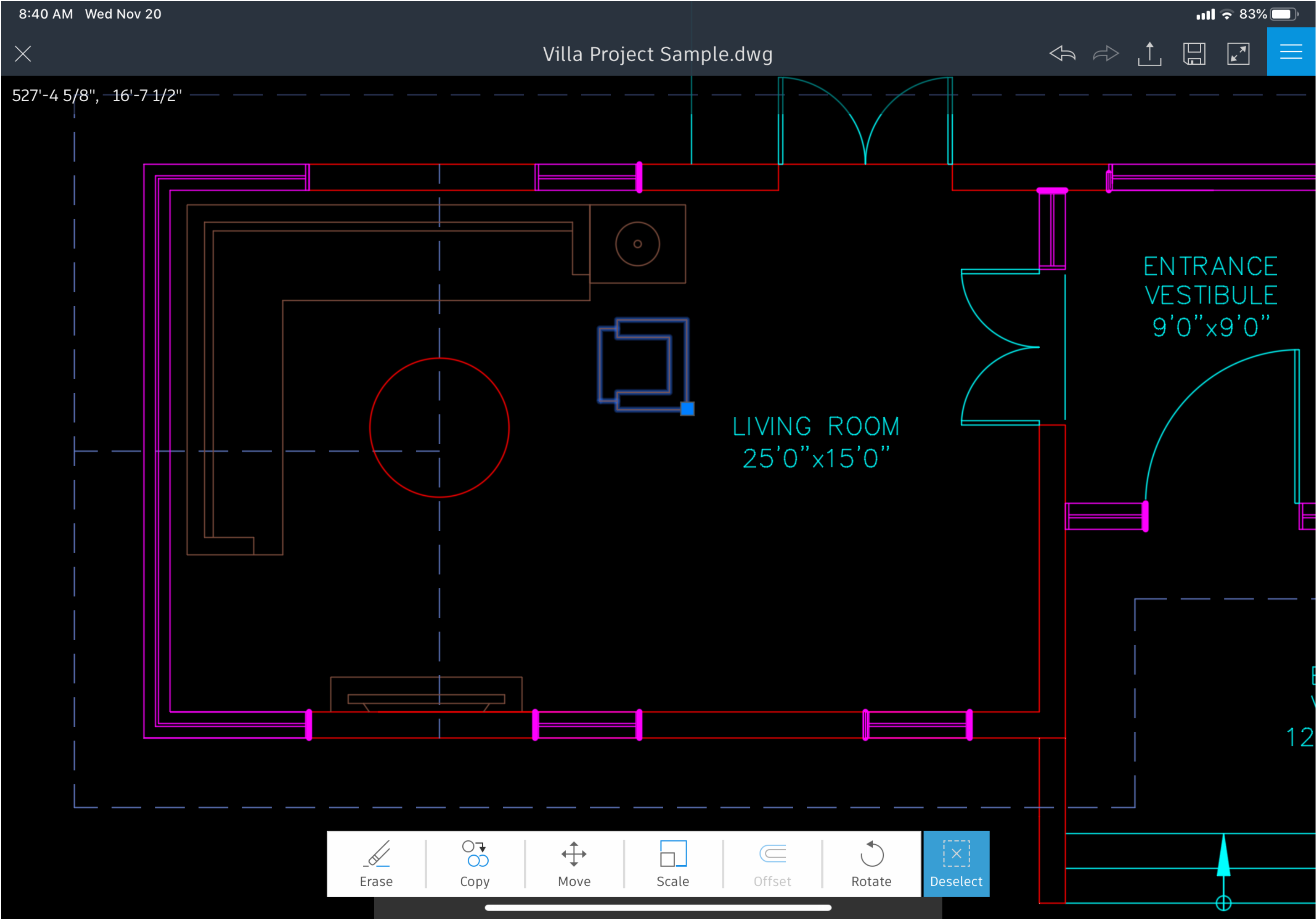
Modified Oct 2, 2018, 12:31 PM

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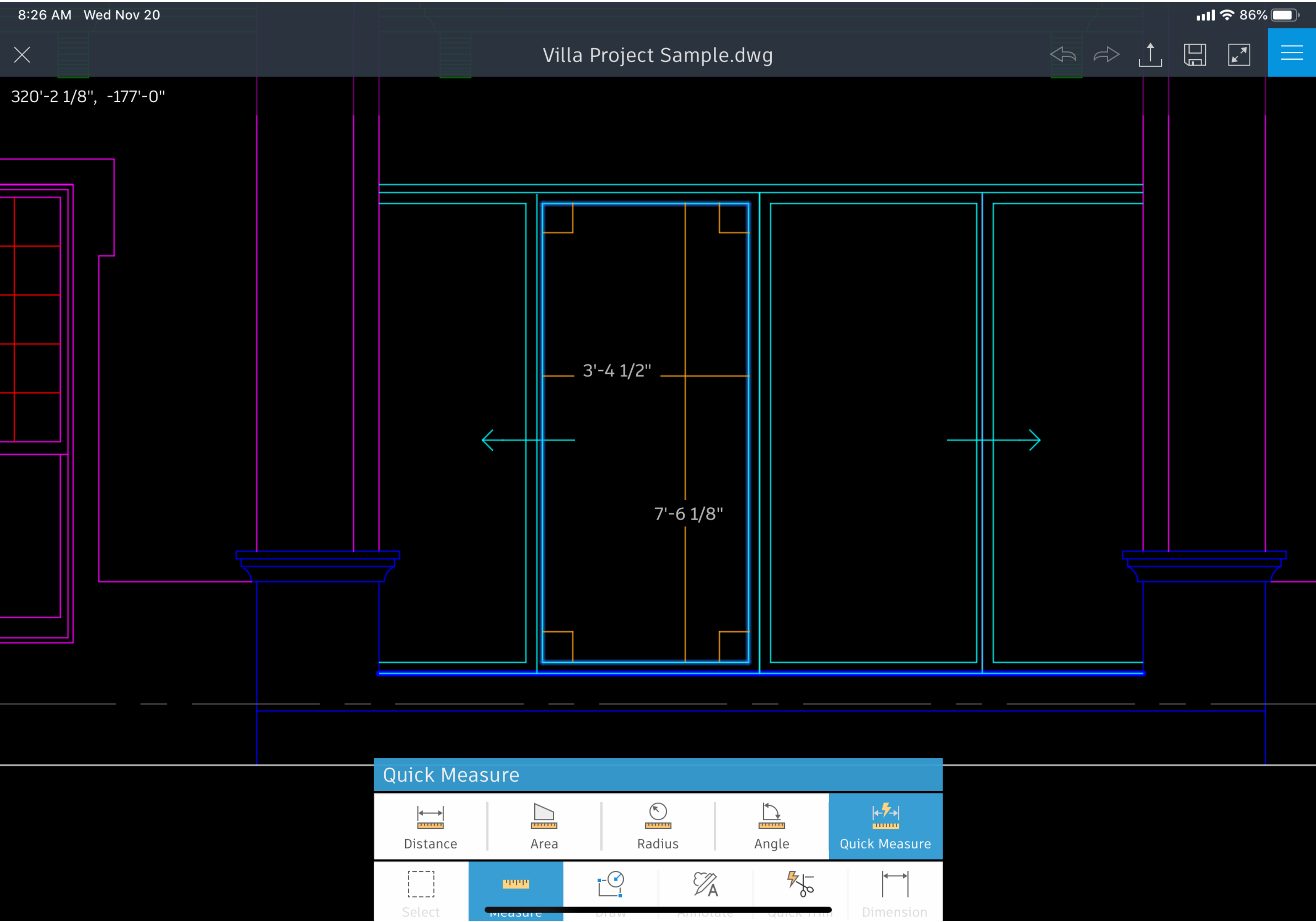
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Set 3 (2).dwg

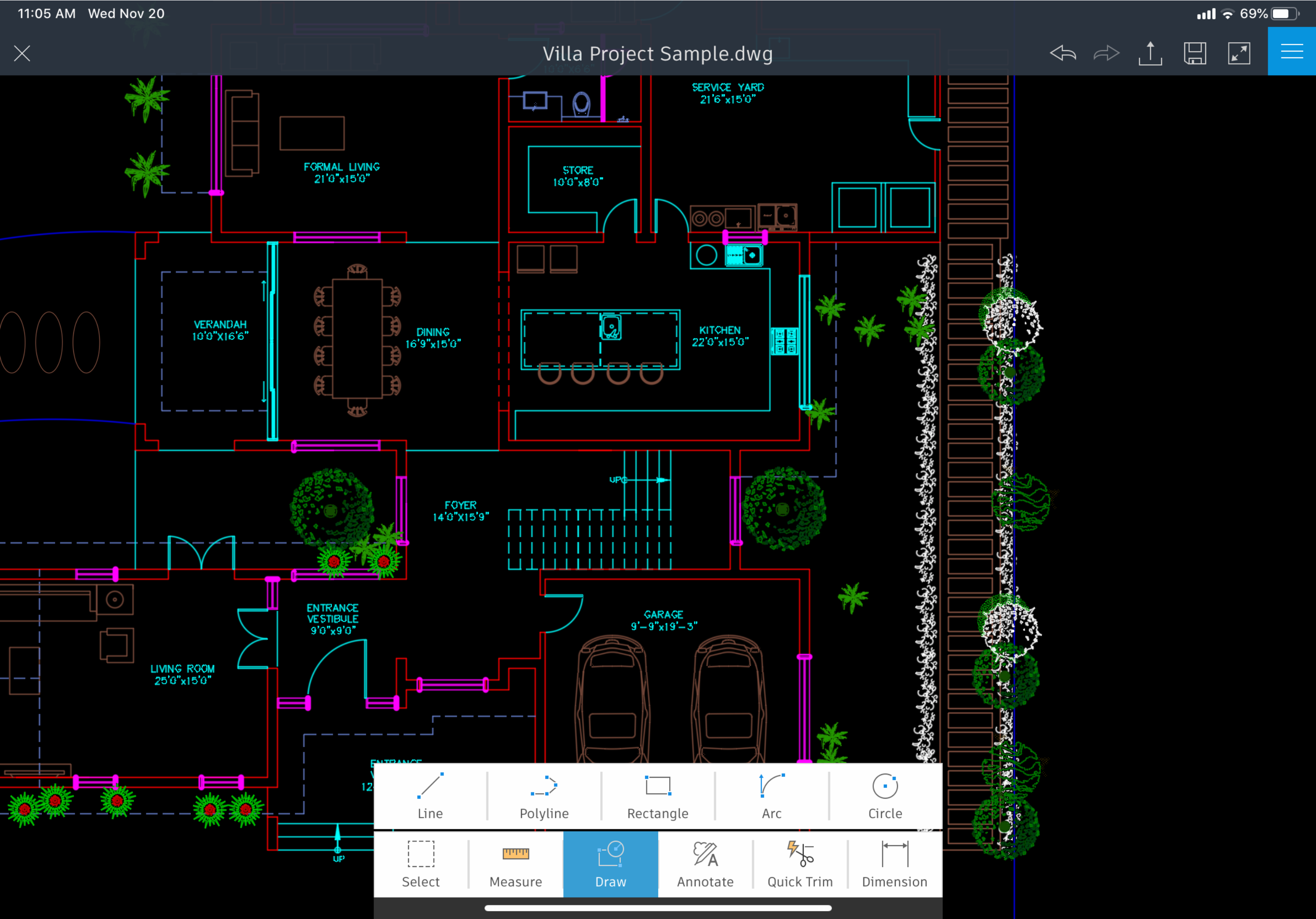
Home Screen



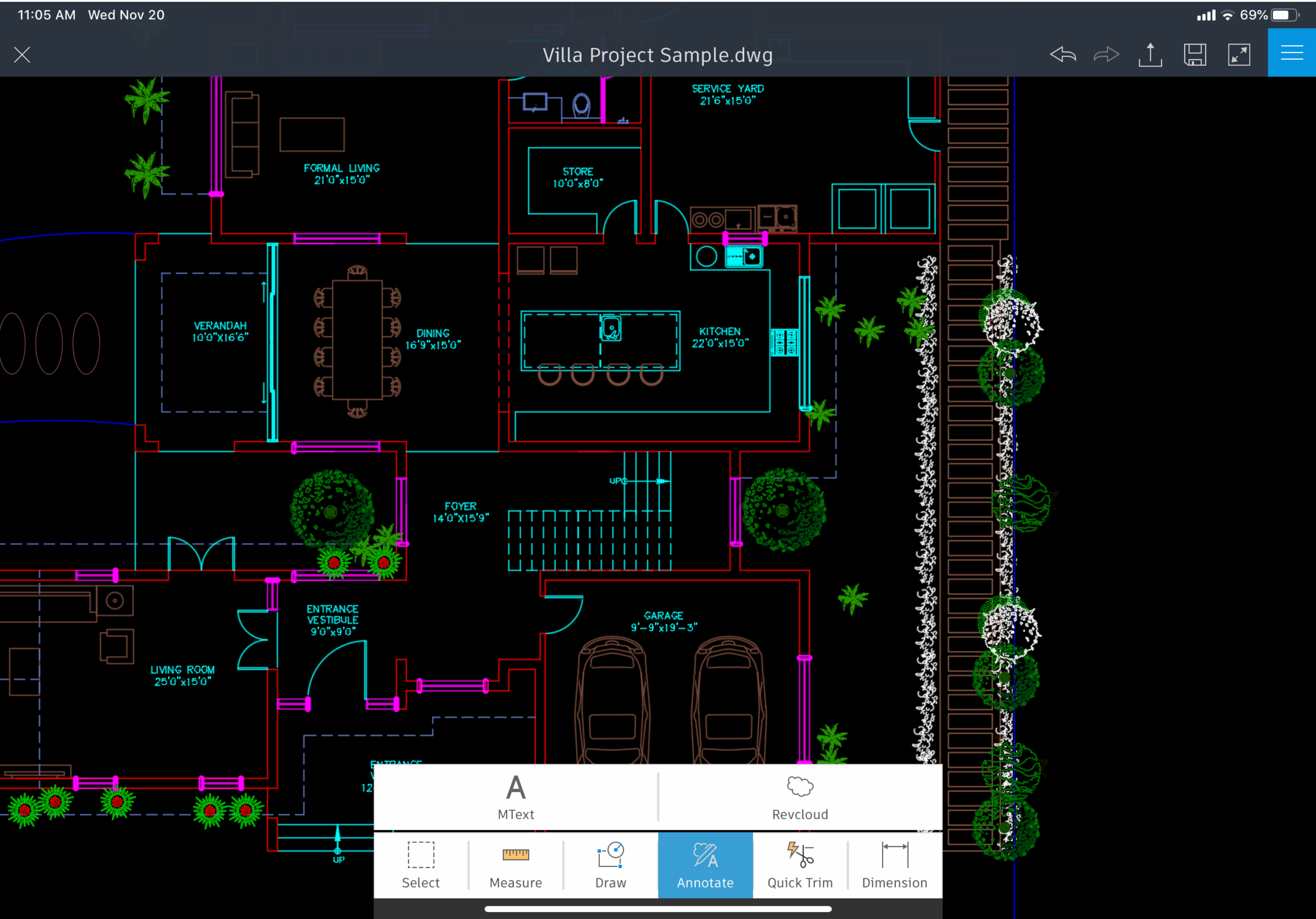
Home Screen



Home Screen



Home Screen



Demo Time



Best Practices / Tips

- Make Template dwg files
- Apple Pencil / Smart Pen
- A360 for other file types

Other Software

- A360
- File Management
- Markups
- Sketching

A360

- Basic File Management
- View multiple 2D / 3D formats
- Control Layers / Parts / etc
- Markup images and share
- Activity feed

File Management - GoodReader

- File management
- Works with multiple clouds
- ZIP support
- Can only markup PDF files

File Management - Apple Files

- Works with other clouds
- Basic Markups PDF & Images
- Send Files
- ZIP Support
- Reads external media

Sketching - Sketchbook (Autodesk)

- Import images / screencaps
- Layer support
- Great sketching app
- Relatively simple interface
- Desktop version

Sketching - Concepts

- Import images / Pdf's
- Layer support
- Great sketching app
- More complex interface
- Scale
- Insert symbols
- Export to dxf
- No cloud storage (currently)
- iOS only (currently)

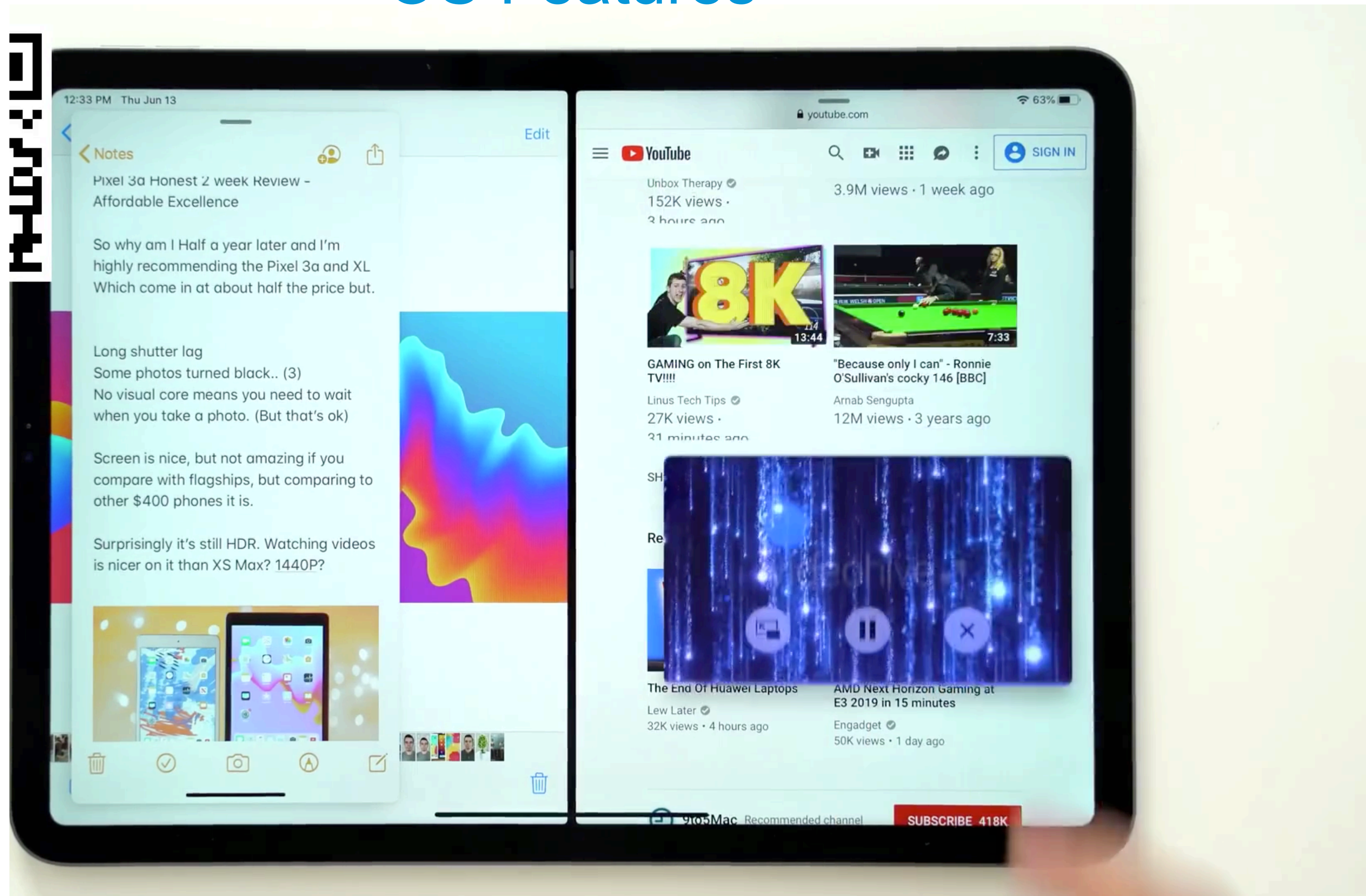
Other CAD Apps

- DWG FastView
- CAD Pockets
- Etc

OS Features

- Gestures
- Split Screen
- Mouse support

OS Features



Accessories

- Case
- Keyboard
- Stylus
- Handle
- Battery Backup
- Tape Measure?

Accessories

- Case
 - Full protection (corners)
 - Stylus storage?
 - Strap?
 - Handle?



Accessories

- Keyboard
 - Power?
 - Connector?
 - Media Keys?
 - Angle?

Accessories

- Stylus
 - Apple Pencil / 2
 - Tips / size
 - Pocket Clip
 - Wrist Suppression



Accessories

- Battery Backup
 - mah?
 - Wattage?
 - Connector / built in?
 - Charge connector?
 - LED indicator



Accessories

- Tape Measure
 - Belt Clip
 - Need target?
 - Daylight
 - Math



Accessories

- Tape Measure
 - Belt Clip
 - Need target?
 - Daylight
 - Math



Demo Time





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