Morpholio Quick Tips
TracePro

Support >

Video Tutorials >

Community Blog >

Morpholio Quick Tips
TracePro

Select any chapter below to begin.

01: Hand Gestures
02: Apple Pencil
03: Start a New Drawing
04: Setting The Scale
05: Project Settings
06: App Settings
07: Setting Your Pens
08: Custom Color Palettes
09: Layer Controls
10: Smart Fill
11: Smart Hatch
12: Perspective Tools
13: Drawing Power Tools
14: Magic Lasso
15: Stencils
16: Export
17: Your Projects & Folders
18: Multipage PDF
19: Maps
20: AR Perspective Finder
21: Drag'n'Fly 3D Viewer
22: AR Sketch Walk

01: Hand Gestures

One Finger Tap
Tool Selection

One Finger Pan
Drag one finger to pan over drawing

One Finger Press and Hold
Change Layer Order
Change Project Order

Two Finger Pinch
Zoom + Scale Images

Two Finger Drag
Pan, Zoom and Rotate View

Basic Hand Gestures

How to video >

Enjoy these intuitive gestures to draw digitally with ease.

Back to Top

01: Hand Gestures

One Finger Double Tap
Rotate Ruler/Triangle 90°
Return Protractor to Circle

Two Finger Tap
Undo Last Action

Three Finger Tap
Redo Last Action

Three Finger Drag
Move sheet around
the canvas

Four Finger Tap
Hide/Show Toolbars

Advanced Hand Gestures

Work like a pro with these advanced gestures to enhance and simplify your drawing experience!

Back to Top

02: Apple Pencil

Pencil Tips

How to video >

Want to get the most of your Apple Pencil in Trace? Rome Prize winner, Javier Galindo, is going to show you a few features that will make your Trace drawings sing.

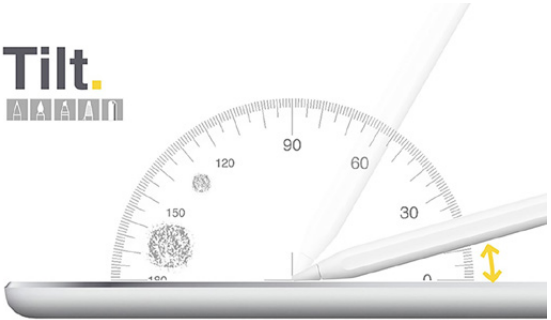
1

Pressure

Want a line to be bolder or darker? Simply press down and watch the lightness of the line change. Make your line look heavy or faint. Perfect for expressing depth in your drawing.

Back to Top

02: Apple Pencil



2

Tilt
Want to fill or shade? Simply “Tilt” your Apple Pencil to allow your watercolor brush, graphite pencil, charcoal or chisel marker to be spread wide or bleed deep. It will feel just like a real pencil on its side.

HINT: Lighten opacity slider in pen tool bar for soft shading.

Back to Top

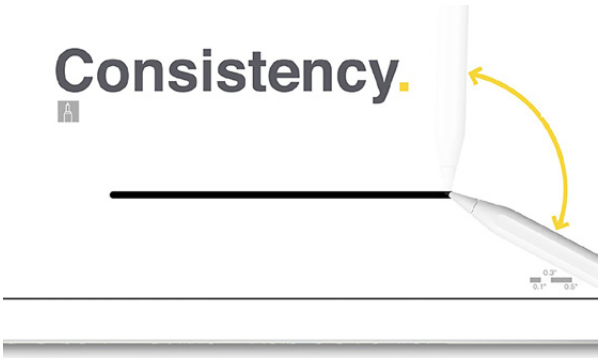
02: Apple Pencil

3

Azimuth
Want to see something really cool? Use the chisel marker and notice the direction of the line adjust with the marker as you rotate it. Can you get more real than this?

Back to Top

02: Apple Pencil



4

Consistency
Need a mechanical line where the pen maintains perfect width and color? Simply select the technical pen and you will have the exact line you need no matter how the pencil moves. To change thickness simply change pen sizes.

Back to Top

02: Apple Pencil

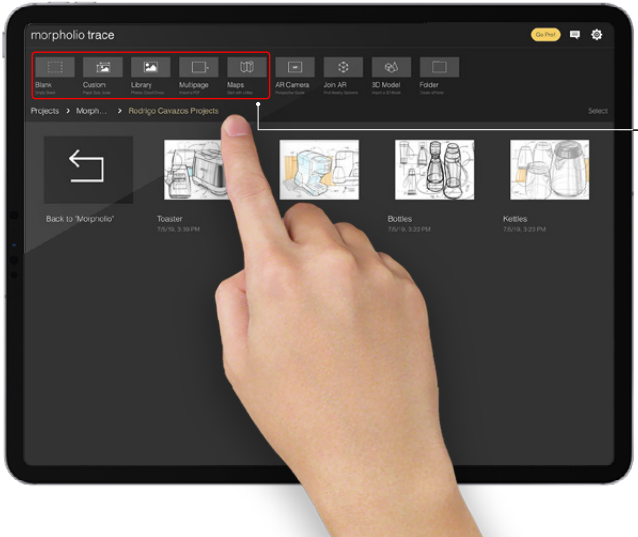
5

Switch

Using multiple stencils? Want to switch brushes? You can use the double tap feature of Apple Pencil 2 to flip through a ton of different features! Just toggle on the double tap feature in your Device Settings and then turn on Custom Double-Tap Behavior in your Trace settings.

Back to Top

03: Start a New Drawing



Projects Page Interface

How to video >

Blank
Start with a completely blank sheet of trace.

Custom
Start any drawing to a set scale and paper size.

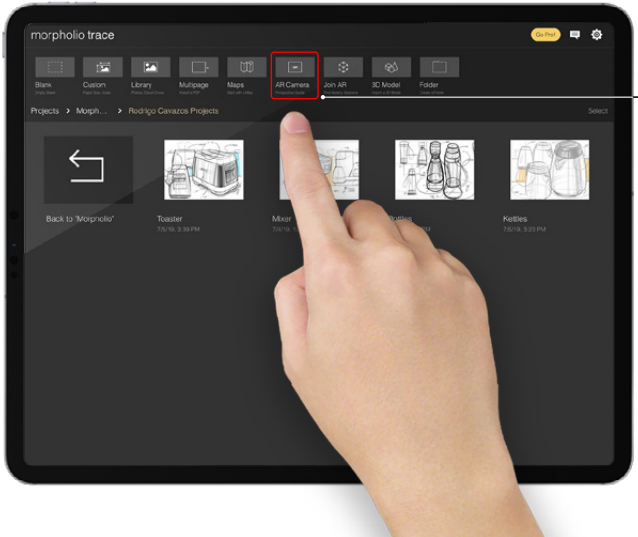
Library
Trace over any background PDF, photo or image.

Multipage PDF
Start with a drawing set or document with up to 100 pages.

Maps
Start with an automatically-scaled satellite image or map.

Back to Top

03: Start a New Drawing

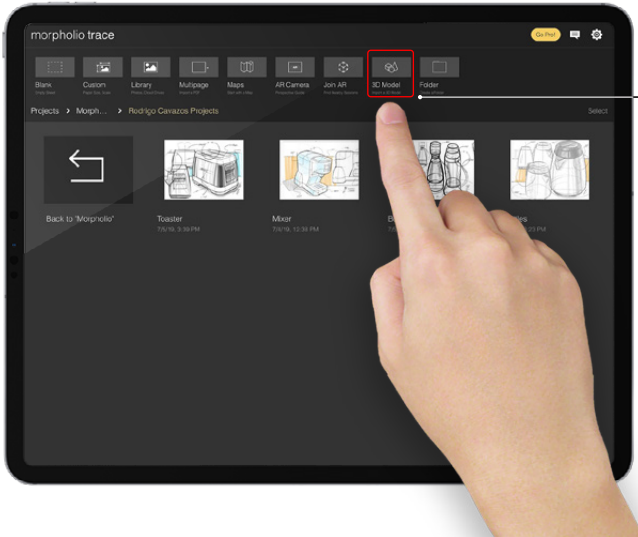


AR Camera
Start with an AR perspective grid overlaid on a photo.

Note: AR Camera only available on 2018 iOS devices and newer.

Back to Top

03: Start a New Drawing



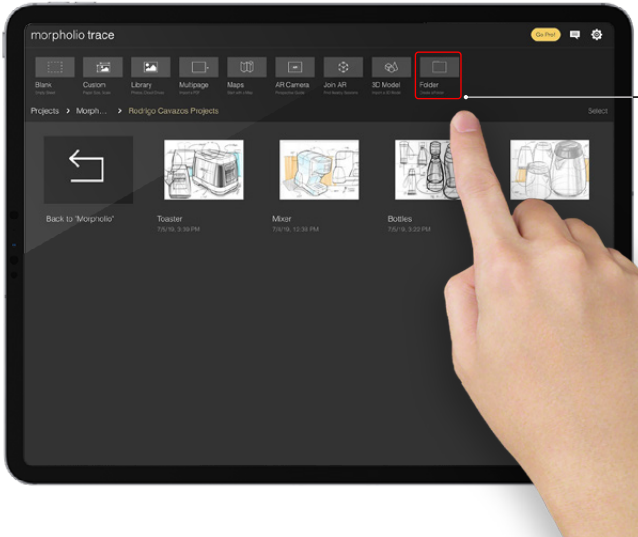
3D Model

Start a project by creating perspective views using a 3D model!

Note: Learn more about 3D model integration in Drag'n'Fly Section.

Back to Top

03: Start a New Drawing



Folders
Create a new folder.

You can organize Projects by placing them inside folders. Folders can also be placed inside folders.

Note: Learn more about Folders in Your Projects Section.

Back to Top

04: Setting The Scale

Setting the Scale

How to video >

Want to set a drawing “to scale” in seconds? Meet your new favorite button. Below is a quick “How To” guide to register the scale & units for any PDF, sketch or background image. Drawing by WORKac.

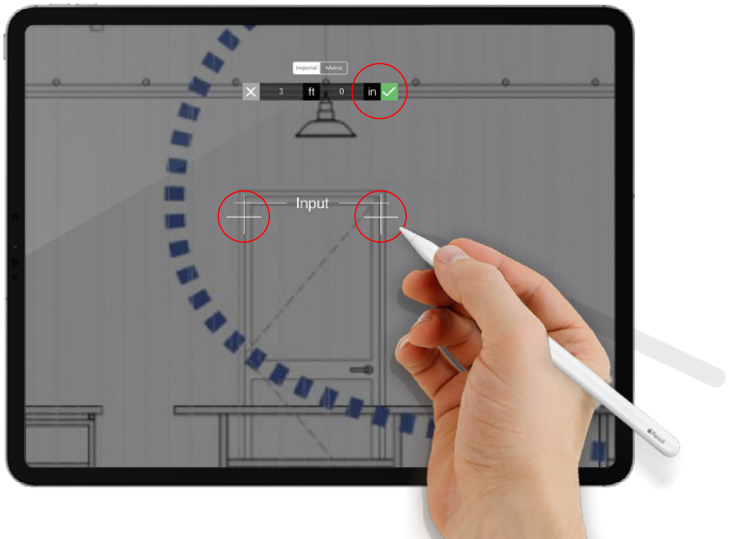
1

The Scale Button

With a single tap, you can take any background and turn it into a scaled drawing.

Back to Top

04: Setting The Scale



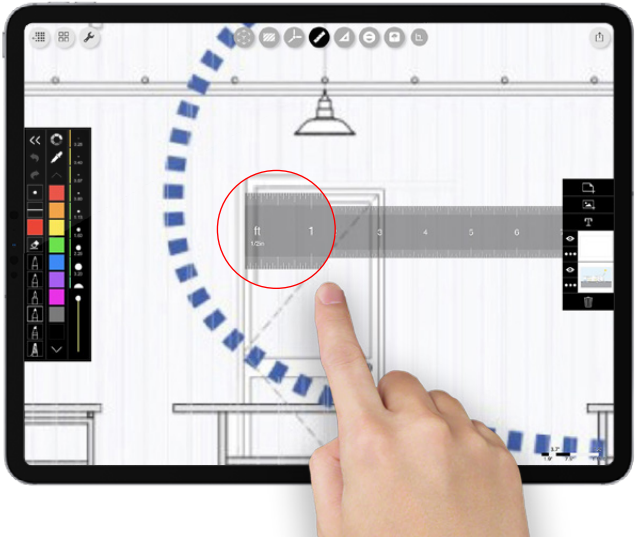
2

Register Units
Using the cross-hairs, set any known dimension.

Tip: Zoom in for more accurate placement.

Back to Top

04: Setting The Scale



3

Ta-dah!
You did it :) All your tools are now magically calibrated to the drawing scale you set.

Note: For future scale adjustments go to “Project Settings” by tapping the wrench button.

Back to Top

04: Setting The Scale

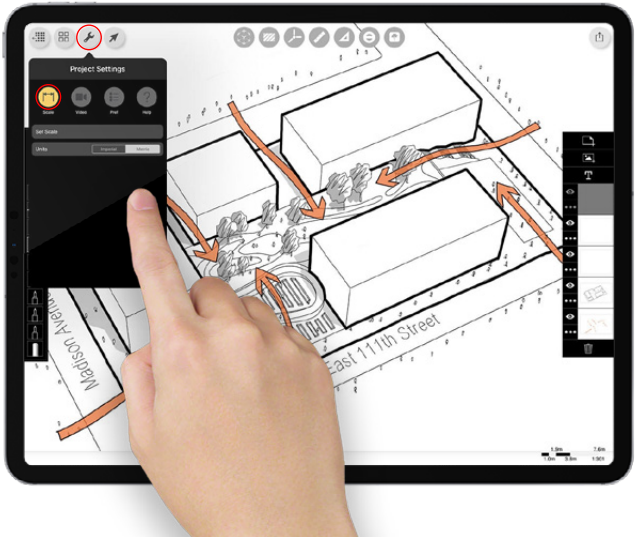
5

Making Drawing Sets
You can export your drawings, markups or projects at multiple scales.

Hint: After selecting the “Print Scale”, tap the preview to adjust your drawing’s position on the page.

Back to Top

05: Project Settings



Meet the “Wrench”

How to video >

Want more control of your drawings and the ability to record your magic? Meet the “Wrench”! Below is a quick “How To” guide for your Project Settings. Drawing by master illustrator Jim Keen.

1

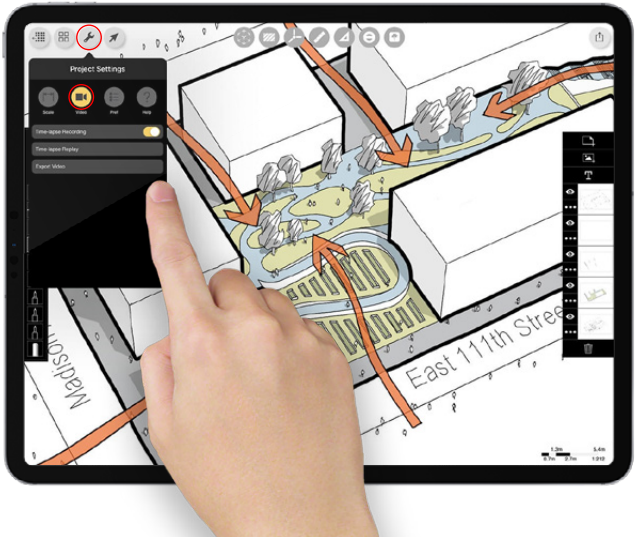
Scale

Set the scale of your drawing and change units to metric or imperial.

Learn more in the Setting The Scale Section.

Back to Top

05: Project Settings



2

Video
Want to make an Instagram video? Record a time-lapse video of your drawing progress, replay it and export it to share to cloud storage or on social media!

Back to Top

05: Project Settings

3

Preferences

Pencil Only Drawing: Adjust this for all projects in the main Trace Settings. No more accidental palm and finger lines!

Layer Drop Shadows: Turn drop shadows on or off in Project view.

Rotation Snap: Toggle 90 and 45 degree snaps on or off for tool and layer rotation.

Reset Palettes: Restore defaults for all palettes.

Back to Top

05: Project Settings

4

Help

We got your back! Find user guides, how to videos and more here...

User Guide: Quick Tips for Getting into Trace

Quick Button Guide: Learn the icons

Welcome Tour: Quick video overviews

How To Videos: Video Guides for navigating Trace

Request a Feature: Suggest ways to improve Trace

FAQ: Answers to common questions

Report a Problem: Need more help? Email us!

Community Blog: Discover tips, tricks, and awesome examples!

Restore Purchases: Activate your Pro subscription!

Back to Top

06: App Settings

App Settings

How to video >

App Settings Button

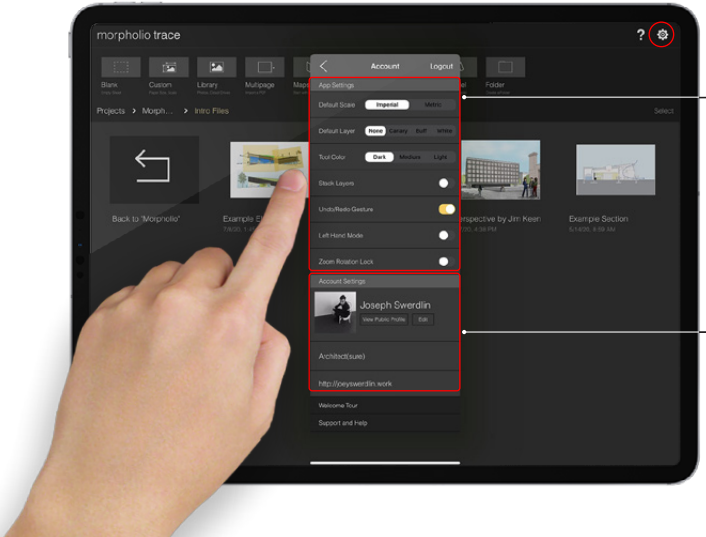
Subscription Status
Check your subscription tier and restore your subscription.

Apple Pencil Settings
Turn on palm rejection through Pencil Only Mode.
Pan your dawing without zooming with One Finger Pan.
Turn on Trace custom double tap options.

Title Block Settings
Edit your title block options.

Back to Top

06: App Settings



Drawing Settings

Change your default units.

Set the default layer color. Selecting “None” will use the last layer color and opacity for new layers.

Set Super Drawing Tools color (Ruler, Triangle, and Protractor).

Toggle “Stack Layers” ON to add layers that are the same size as your base layer.

Toggle “Undo/Redo Gesture” ON to activate two- and three-finger tap to “undo” and “redo”.

“Left Hand Mode” switches the Brush Toolbar with the Layer Toolbar for left-handed users.

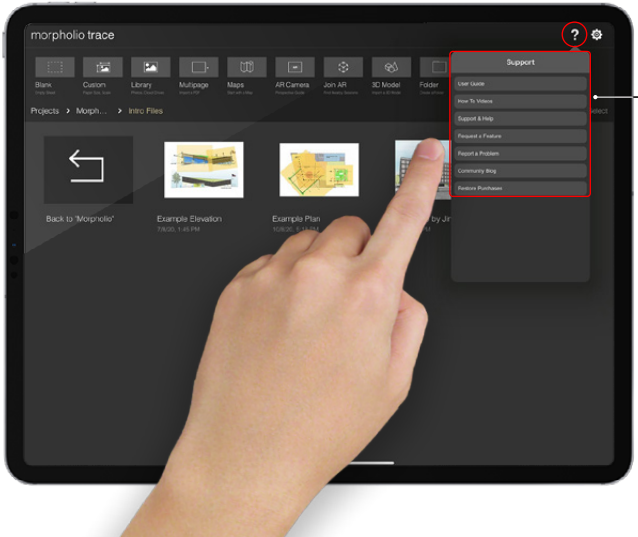
“Zoom Rotation Lock” locks the canvas from rotating when you zoom or add new layers.

Account Settings

Edit your profile name, photo, personal discription, and website.

Back to Top

06: App Settings



App Support

User Guide: Quick Tips for Getting into Trace

How To Videos: Video Tutorials to learn Trace

Support & Help: A search tool to answer all of your Trace questions!

Request a Feature: Suggest ways to improve Trace

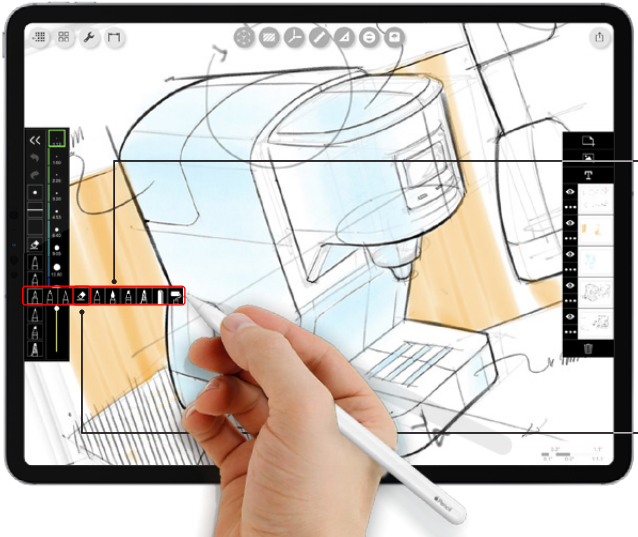
Report a Problem: Need more help? Contact us!

Community Blog: Read the latest Morpholio news!

Restore Purchases: Reactivate your subscription

Back to Top

07: Setting Your Pens



Pen Toolbar Interface

How to Video >

Drawing by Rodrigo Cavazos.

Your Set of 7 Pens

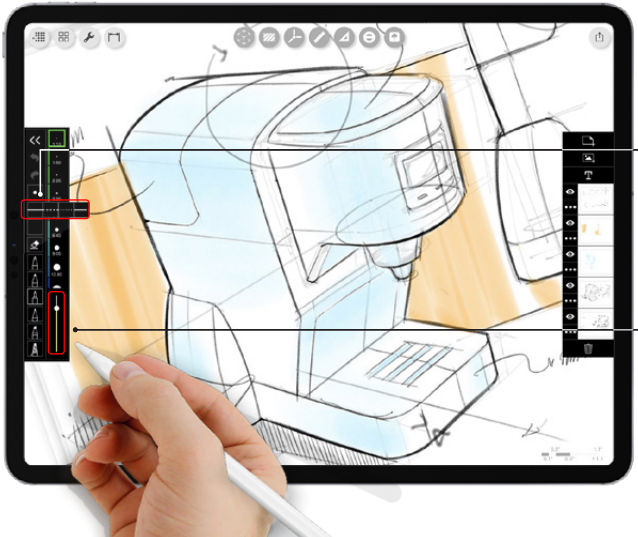
Each user can create their own set of pens. Select a variety of brush and pen types or keep your pen set with one pen with a variety of pen widths or colors. All pens maintain their properties between drawings and can be changed at any time.

Eraser

The eraser is a brush! Set the size and opacity for precise erasing.

Back to Top

07: Setting Your Pens

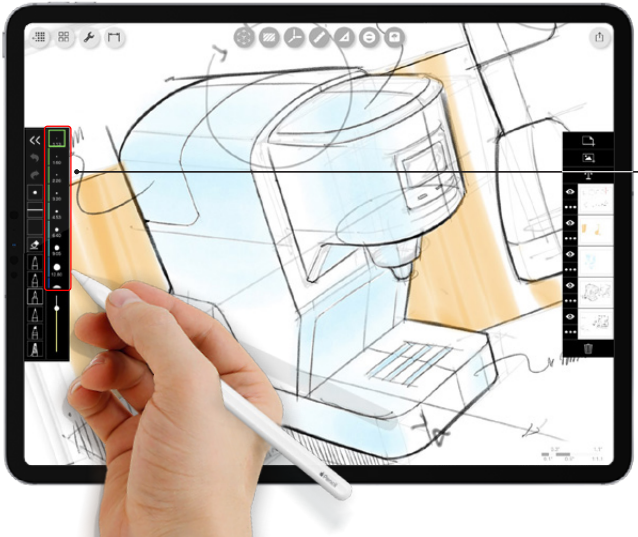


Set Line Size and Type
Each pen can also have its own size and line type. Create your own set of technical pen sizes to emphasize line weight in your drawings.

Select Color and Opacity
Each pen can have its own color and specific opacity. Use the opacity slider to change the intensity of the line.

Back to Top

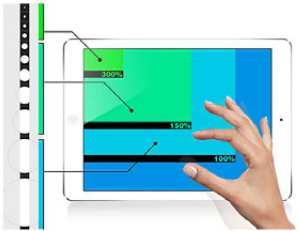
07: Setting Your Pens



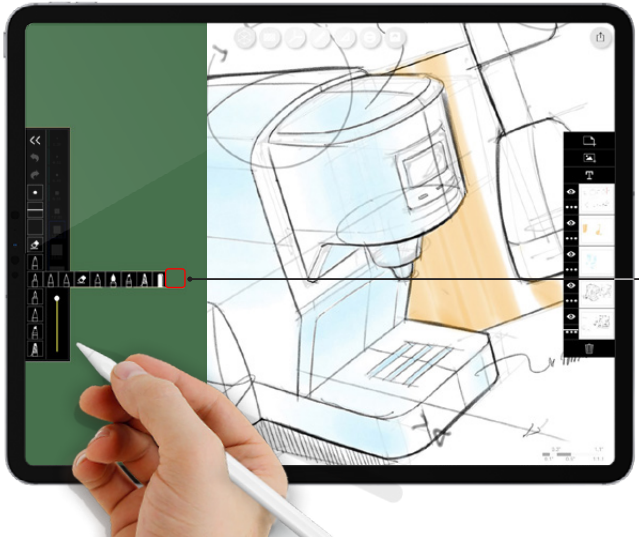
ScalePen™

As you zoom in and out the pen widths will change automatically to show the optimal pen size for your drawing.

Note: your selected pen width will remain highlighted.



Back to Top



Roller Brush

How to video >

Roller Brush
You can use the Roller Brush to fill regions, color diagrams, overlay shadows, and much more.
Special Note: When the Roller Brush is selected, you will not have access to the top toolbar tools.

Back to Top

08: Custom Color Palettes

Make a Custom Color Palette

How to video >

Do you have signature colors you love? Or, do you have an image or sketch that inspires a color palette you want for your drawings? Meet the new Palette Maker and Color Eyedropper. Below is a quick "How To" guide for creating your very own custom color sets. Drawings by Master Illustrator Jim Keen.

1

Add a New Palette

In Color Palettes, tap "+" to create a new palette. Then, make sure that palette is checked as the current palette.

Hint: To name your palette simply tap the name.

Back to Top

08: Custom Color Palettes

2

Switch to Color Mode
Tap “Colors” at the bottom of the palette popup to discover colors by color wheel, eyedropper or color reference number.

Tip: Use eyedropper with any background image or sketch to pick those colors.

Back to Top

08: Custom Color Palettes

3

Pick Color
Use the Eyedropper or Color Wheel to find the colors you want. Then simply tap any blank square to fill it with your selected color. Repeat process to get all the colors you want.

Back to Top

08: Custom Color Palettes

4

Organize
Press and hold any color to move or rearrange. You can also rearrange palettes or swap colors between them.

Back to Top

08: Custom Color Palettes

Color Palette Interface

Color Palettes
Selected a curated color palette or create your own custom color palette.

Back to Top

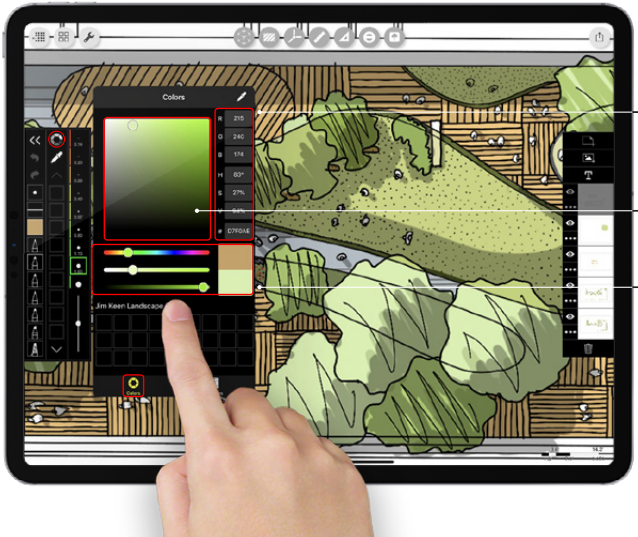
08: Custom Color Palettes

New Custom Palette
Create a new custom color palette.

Curated Color Palettes
Created by award winning graphic designers at New York's MTWTF, the pre-made color palettes are designed to do the difficult work of color pairing and matching for you. The colors are available in various palettes which include, landscape, interiors, diagramming, sustainability, lighting, architecture and many more.

Back to Top

08: Custom Color Palettes



Color Number Input
You can use RGB, HSV, or Hex Color codes to find colors.

Color Gradient
Pick a color by tapping in the color gradient box.

Color Sliders
Drag the color sliders to select a color.

Back to Top

08: Custom Color Palettes

Add Color
Once you select the desired color, tap a blank square to add it to a palette.

Move and Delete Colors
Tap and Hold a color to rearrange the order or delete a color.

Back to Top

08: Custom Color Palettes

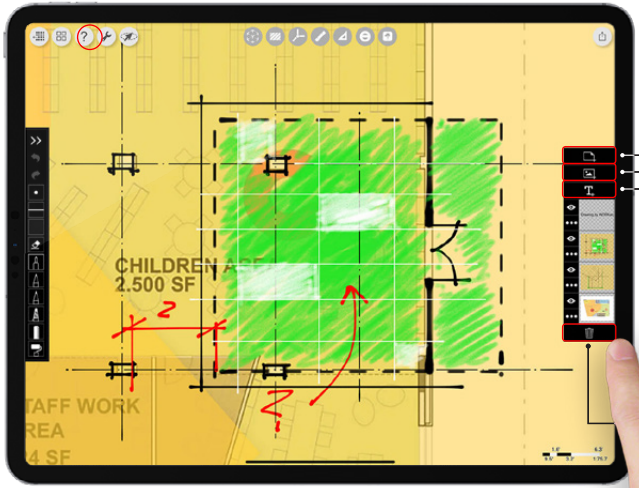
Color Dropper
You can find a color on an inspirational drawing or image.

Color Selector
After tapping the Color Dropper, you can press and drag along the image to choose the desired color.

Add Color
Tap a blank square to add it to a color palette.

Back to Top

09: Layer Controls



Layer Toolbar Interface

How to video >

Add a Layer of Trace
Frame detail drawings with a new sheet to get the best line resolution.

Add Image
Add images from morpholioapps.com or other cloud storage.

Add Text
Annotate your drawings.

On/Off
Tap to hide and show layers.

Back to Top

09: Layer Controls

Zoom to Layer
Tap layer to zoom to that layer.

Move Layers
Press and hold layers to rearrange.

Delete Layers
Swipe layers to the left to delete.

Back to Top

09: Layer Controls

Layer Tools
Tap options to: rename Layer, change paper opacity, change paper color, change paper blending, resize and reposition, clear all content on Layer, delete Layer, copy Layer to clipboard, duplicate Layer, lock Layer movement, mirror Layer, and toggle AR extrusion.

Back to Top

09: Layer Controls

Set Active Layer
Double Tap any layer to set it as the “Active Layer” to draw on!

Double tap the layer again to deselect it.

Back to Top

09: Layer Controls

Merge Layers
Coming soon, you'll be able to combine two layers into one.

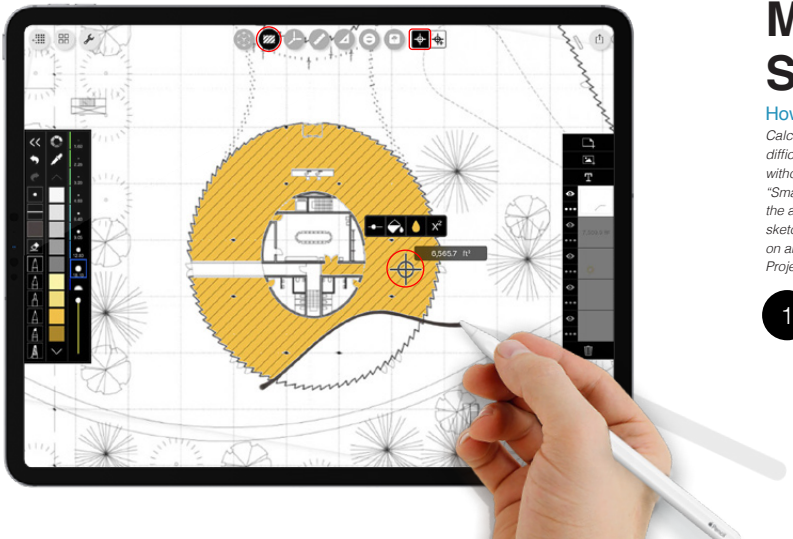
Back to Top

09: Layer Controls

Copy Layer To Scale
Copy a layer without changing the page's size coming soon!

Back to Top

10: Smart Fill



Mastering Smart Fill

How to video >

Calculating the area of a design is already difficult, but doing it live, in an active sketch, without a single straight line, in seconds? "Smart Fill" is a fill tool that not only calculates the area of the fill, it actually updates as you sketch. Learn how to get started using Smart Fill on any drawing, sketch, illustration or image. Project by design superstar SO-IL.

1

Target and Sketch

Assure your drawing scale is set and move the Smart Fill target to any area you want to fill or calculate. Ready for the magic? You can now sketch over the fill to change the area. Slice a room in half and watch it reduce or, erase a wall and watch it expand.

Back to Top

10: Smart Fill

2

Add Fill & Area Labels
Use the toolbar to adjust the tolerance of the fill, change colors or apply labels and color. Be sure to add the fill color before you add area label.

Tip: When adjusting the fill tolerance hold down the adjuster to expand the threshold and allow tighter adjustments.

Back to Top

10: Smart Fill

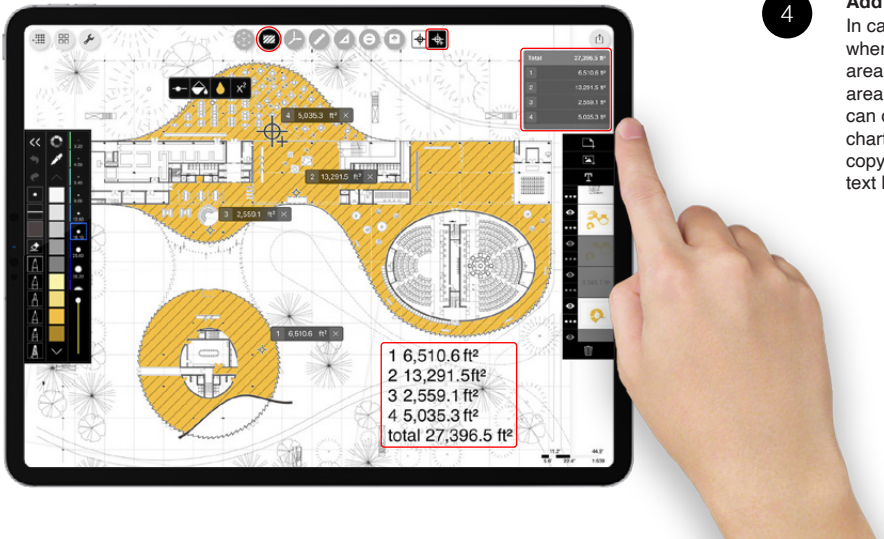
3

Multiple Fills
Want to fill and calculate several areas at once? Tap the “+” target to add up as many areas as you want.

Hint: The placement of the target sets the placement of the area label. To delete a fill simply tap the “x” on the area label.

Back to Top

10: Smart Fill



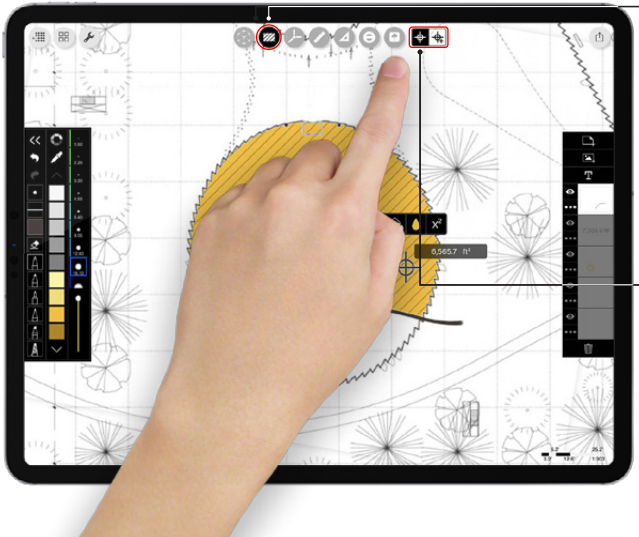
4

Add It Up

In case you missed it, when in “+” mode your areas will total up in an area chart for you. You can drag and drop this chart into other apps or copy and paste into a text layer.

Back to Top

10: Smart Fill



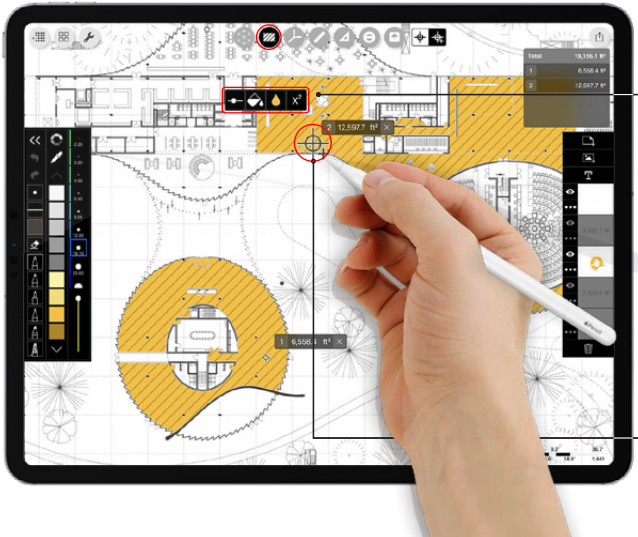
Smart Fill Interface

Smart Fill
Use Smart Fill to calculate areas and fill in color inside closed regions.

Single and Multiple Region Smart Fill
You can use Smart Fill for single regions or multiple regions.

Back to Top

10: Smart Fill



Tolerance
You can change the tolerance of the selection

Fill
You can fill the selected region with a solid color.

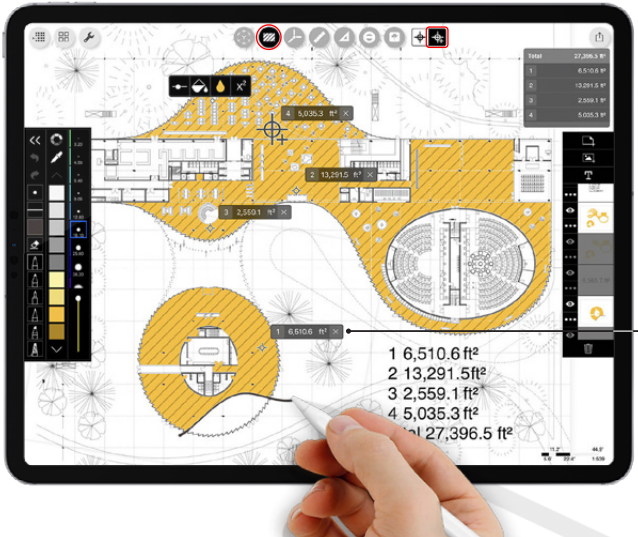
Select Color
You can select the color you want to fill a region.

Area Marker
You can create a text annotation to display the area.

Area Selector
Tap and drag this cross-hair to select a region.

Back to Top

10: Smart Fill

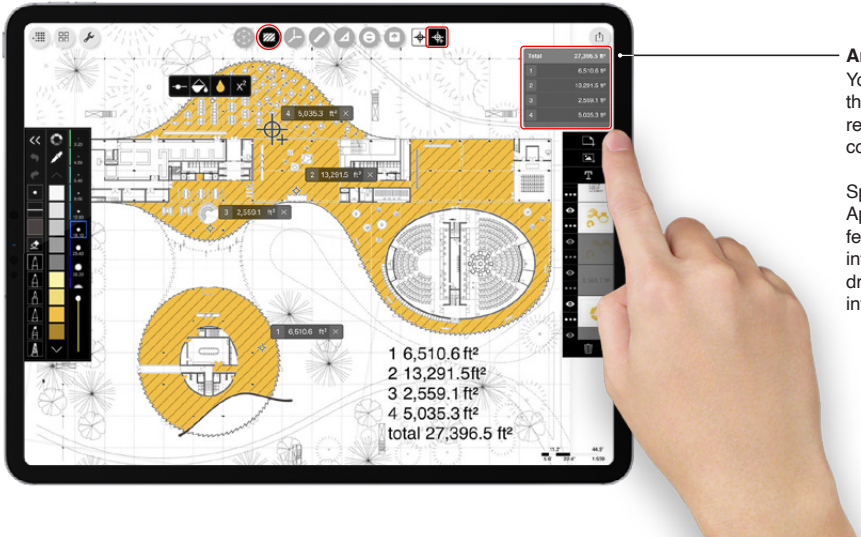


Live Update

The area calculation and fill will live update as new lines are drawn!

Back to Top

10: Smart Fill

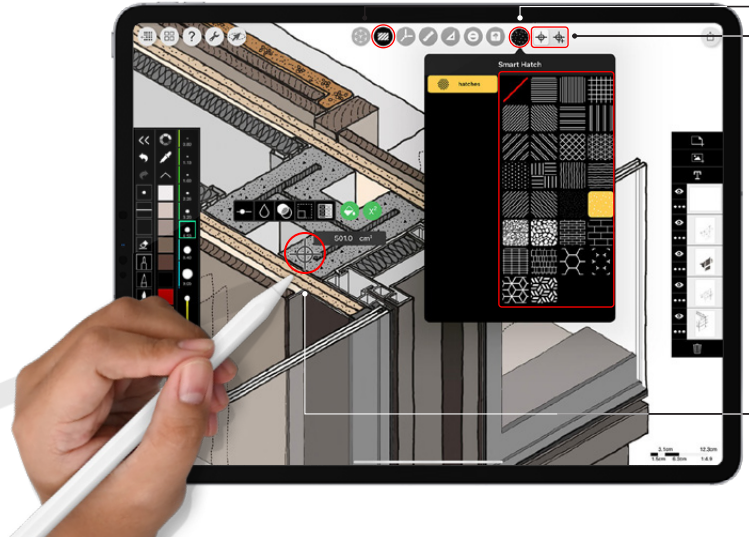


Area Calculator
You can find the sum of the area of all highlighted regions. Tap the chart to copy it!

Special Note: You can use Apple's Drag and Drop feature to turn this data into a spreadsheet by dragging and dropping it into Excel.

Back to Top

11: Smart Hatch



Smart Hatch Interface

How to video >

Smart Hatch Library
Select any hatch option to hatch the region.

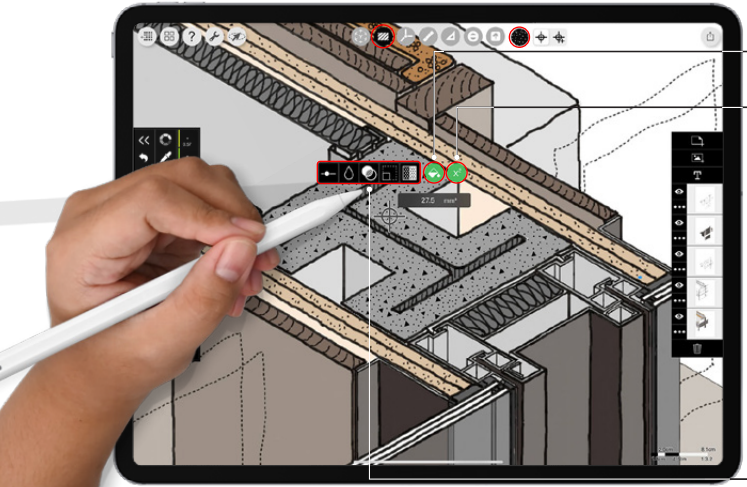
Hint: Tap the red slash to return to a solid fill.

Single and Multiple Region Smart Hatch
You can use Smart Hatch for single regions or multiple regions.

Region Selector
Drag this target to select a region to hatch.

Back to Top

11: Smart Hatch



Apply Hatch
Add hatch to selected region.

Apply Area Measurement
Add text to display the area.

Tolerance
Change the tolerance of the selected region

Hatch Color
Change the color of the hatch pattern

Hatch Opacity
Change the opacity of the hatch pattern

Hatch Scale
Change the size/scale of the hatch pattern

Invert Hatch
Inverse the hatch pattern

Back to Top

12: Perspective Tools

Drawing a Perspective

How to video >

Want to make beautiful perspective drawings with ease? Meet your new favorite tool. Quickly set up and master perspective drawings using the "How To" guide below. Images by architect and illustrator Jim Keen.

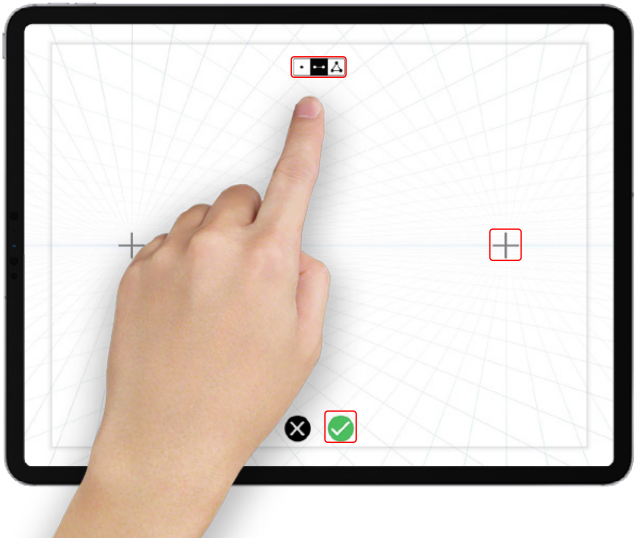
1

Activate Perspective Tools

Tap the perspective tool icon and then the perspective settings "gear". Next tap "Set Vanishing Points" to set up a one, two or three-point perspective. This will also unlock your vanishing points to reposition them as desired.

Back to Top

12: Perspective Tools



2

Set Vanishing Points
If it's your first time opening perspective tools in your project, you'll automatically be pushed to set your perspective type and vanishing points. Vanishing points can be positioned over a blank page, site photograph or model to start your drawing.

Hint: You don't have to worry about your vanishing points moving while you're sketching because they are always locked while drawing mode.

Back to Top

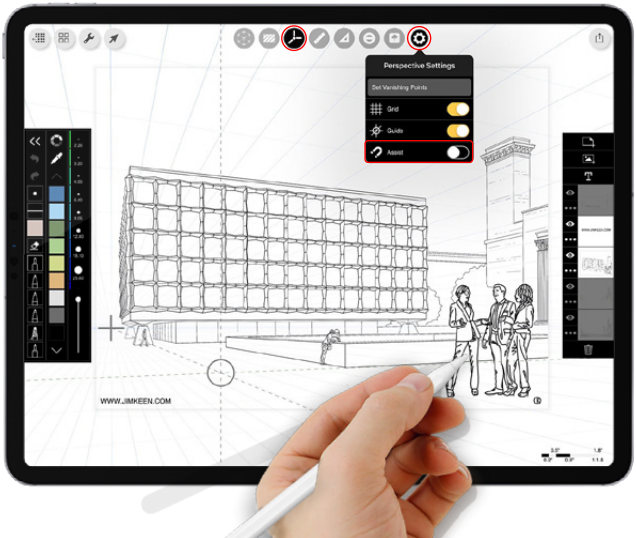
12: Perspective Tools

3

Sketch
Use the “Guide” tool to draw specific lines or the “Assist” tool to automatically draw towards a vanishing point from anywhere on the page.

Back to Top

12: Perspective Tools



4

Draw Freely
Turn off “Assist” to sketch trees, people, details or any other lines not directly tied to vanishing points.

Hint: Use stencils, rulers and other tools to make the drawing easy and fun. You can also bring in an image as a layer to trace over.

Back to Top

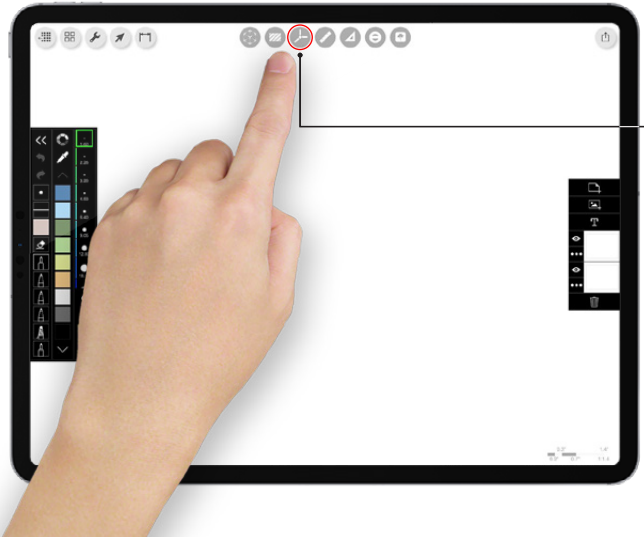
12: Perspective Tools

5

Make it Sing
With your lines complete, add color, shade and character to make your perspective come to life. Start new layers and set the paper to multiply. Then use “Smart Fill”, brushes or other tools for easy drawing magic.

Back to Top

12: Perspective Tools

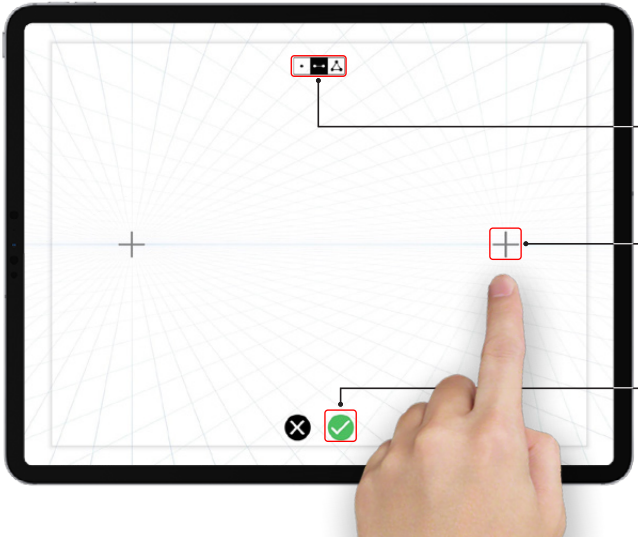


Perspective Interface

Perspective Tool
Use the perspective tool to draw lines in one, two, or three point perspective.

Back to Top

12: Perspective Tools



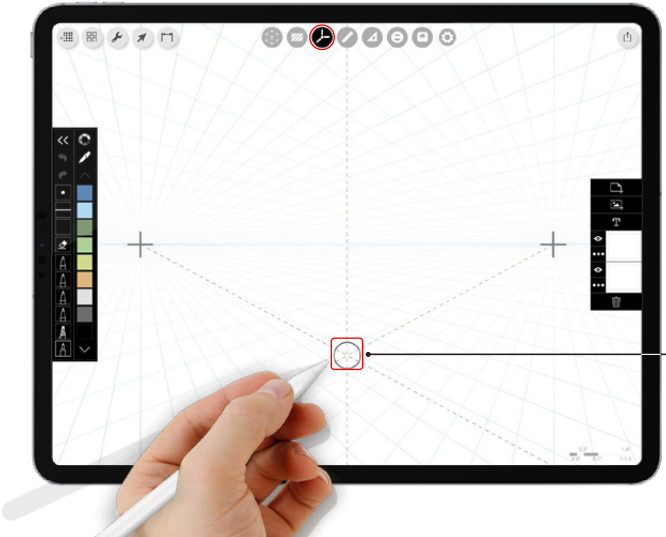
Perspective Type
Tap to toggle between one, two, or three point perspective.

Vanishing Points
Press & hold +, then drag to move the vanishing points.

Set Vanishing Points
Set and lock your vanishing points and perspective grid by tapping the green check.

Back to Top

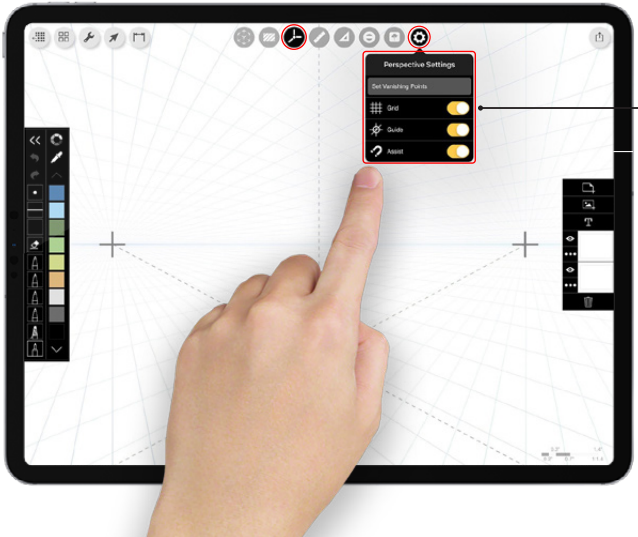
12: Perspective Tools



Perspective Guide
Press & hold , then drag to move line location.

Back to Top

12: Perspective Tools



Change Perspective Type
You can change the perspective type to one, two, or three point perspective.

Grid Lines
You can toggle the visibility of the perspective grid lines.

Perspective Guide
The guide helps you locate where you want to draw lines in perspective.

Perspective Assist
Use perspective assist to automatically guide your lines towards a vanishing point.

Back to Top

13: Drawing Power Tools

Super Ruler Interface

How to video >

Super Ruler
Use the Super Ruler to measure and draw straight lines. Rotate 3 times to get an angle less than 3°.

Note: you can rotate the ruler 90º by tapping or double tapping the triangle.

Back to Top

13: Drawing Power Tools

Assisted Straight Lines
Toggle “Assist” on to draw straight lines anywhere on the drawing screen.

Angle Snap
Select 15, 30, 45, or 90 to set the angle of the straight lines in relation to the Super Ruler’s angle. “Free” allows you to draw straight lines at any angle.

Back to Top

13: Drawing Power Tools

New Features
More features coming soon!

Back to Top

Triangle Interface

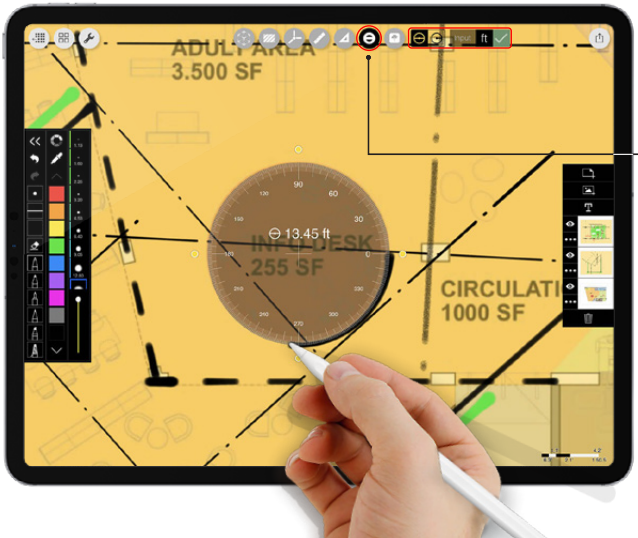
How to video >

Scaled Triangle

Use the adjustable triangle to draw straight lines on all three sides. Rotate 3 times to get an angle less than 3°.

Note: you can rotate the ruler 90° by tapping or double tapping the triangle.
The slider changes the angle of the triangle.

Back to Top



Protractor Interface

How to video >

Scaled Protractor
Use the adjustable protractor to draw circles and arcs.

Note: you can set the diameter or radius of the protractor by tapping

Back to Top

13: Drawing Power Tools

Ellipse Tool
Tap on the control points to stretch the circle into an ellipse.

Double tap the tool to return to circle mode.

Back to Top

14: Magic Lasso

Magic Lasso

How to video >

Have you seen your newest magic lasso feature? Want to copy, mirror, flip or delete any specific selection of a sketch? Well, now you can! Below is a quick "How To" guide to get you started on this exciting new way of working with your drawing.

1

Tap Magic Lasso Tool

When opening up the magic lasso, your interface will hide and you can draw your magic lasso around any part of your sketch.

Back to Top

14: Magic Lasso

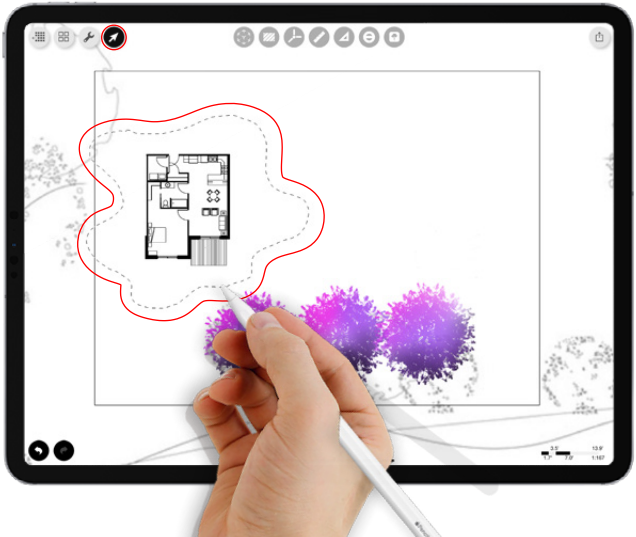
2

Which Layer will Lasso?

You can only lasso one layer at a time. If your layers are stacked, you will only be able to lasso the top layer. In this case, turn off layers above it or move the layer you want to the top layer. If your layers are spread out like sheets of paper, the first layer you touch to start your lasso will determine what lines you can select. You will see a black indicator around that sheet of paper. Your selected lines will be changed on that layer only.

Back to Top

14: Magic Lasso



3

Draw Your Lasso
Make any lasso shape around the specific part of the sketch that you want to select. Everything inside of that lasso will be selected.

Hint: Zoom in for better selection.

Back to Top

14: Magic Lasso

4a

The Magic Lasso Toolbar
Now you can duplicate, move, scale, rotate, mirror, or delete the selected area of your sketch! Remember to tap outside the selection area to confirm and create the duplicate. If you exit by tapping the “Magic Lasso” icon, you will loose the selection.

Hint: Make sure “Lock Scale” button is red to keep your drawing size from changing!

Back to Top

14: Magic Lasso

4b

Mirror
Reflect any selection horizontally.

Back to Top

14: Magic Lasso

4c

Flip
Reflect any selection vertically.

Back to Top

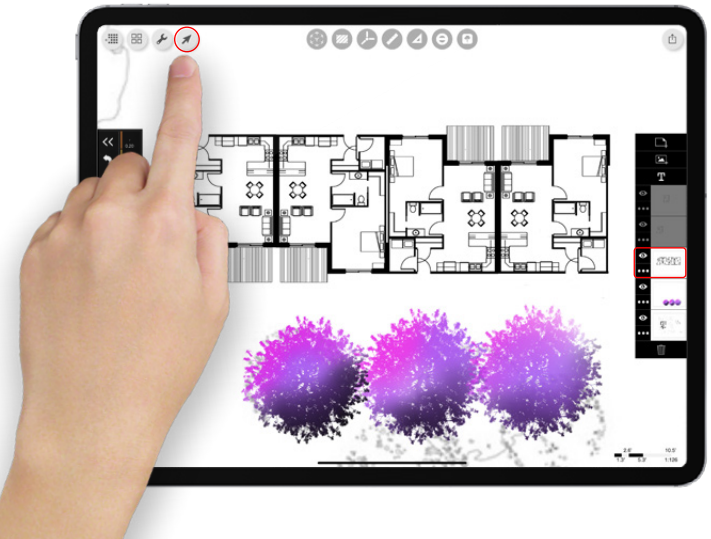
14: Magic Lasso

4d

Copy between Layers
Coming soon you'll be able to copy lines from one layer to another!

Back to Top

14: Magic Lasso



5

Return to Drawing
Tap the “Magic Lasso” icon again to exit “Magic Lasso Mode”. Congrats! You’ve now transformed your sketch!

Back to Top

14: Magic Lasso

Magic Lasso Interface

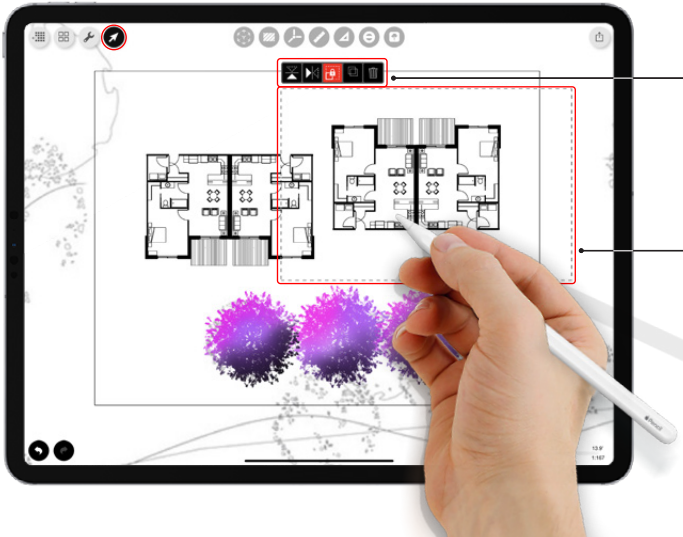
Magic Lasso
Tap Magic Lasso icon to enter and exit Magic Lasso Mode.

Note: Side toolbars will disappear.

Selected Sheet
A black outline indicates which sheet is active.

Back to Top

14: Magic Lasso



Mirror Horizontal

Mirror Vertical

Lock Size

Duplicate

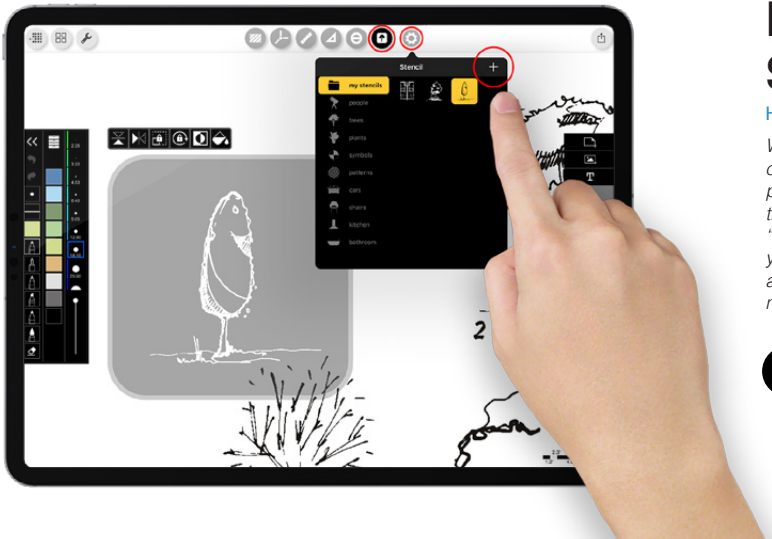
Delete

Lasso Selection

Dashed-line rectangle appears around selected area.

Back to Top

15: Stencils



Making a Stencil

How to video >

Want to have your own set of trees, unit plans, furniture, patterns, and much more? Meet the "Stencil Button." Follow the "How To" guide below for creating your own custom stencils from any photo or image. Stencils by master sketcher David Drazil.

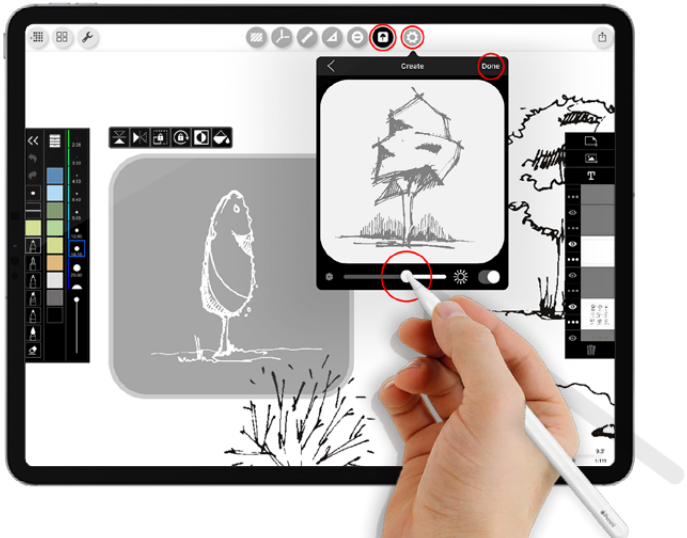
1

The "+" Button

Tap the stencil settings icon and then "+" to create your very own custom stencil.

Back to Top

15: Stencils



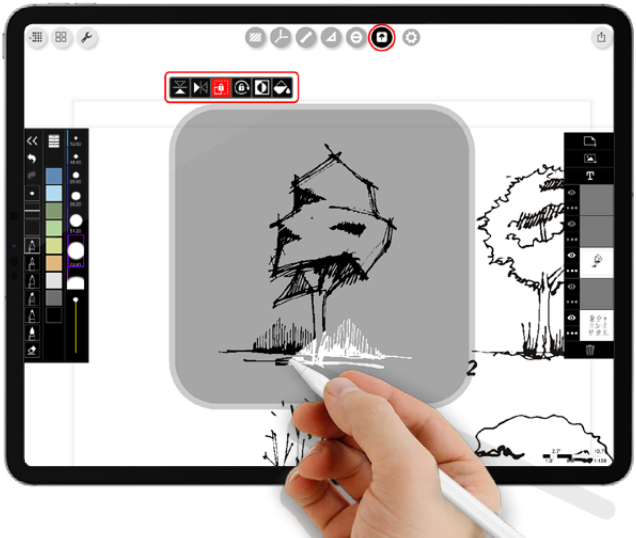
2

Make
Select any photo, drawing, image or sketch. Adjust the contrast to a desired appearance or invert as needed.

Note: All of your custom stencils will be saved in your “my stencils” folder. To delete a stencil simply pull the stencils down.

Back to Top

15: Stencils



3

Sketch

Use any pen style from pencil to charcoal along with any color and opacity to create beautiful and original stencil drawings. Want to get additionally creative? Use the stencil tool bar to invert, mirror, lock, flip or auto fill your stencil as you sketch.

Back to Top

15: Stencils

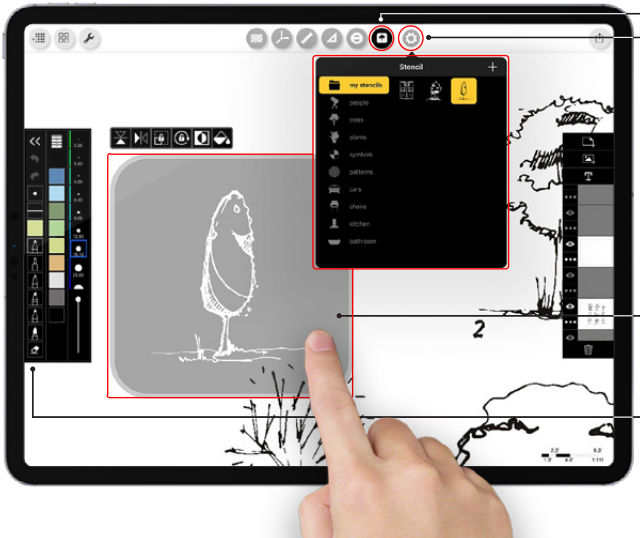
4

Have Fun

Add fill, color, texture and character to all of your drawings. Want a few stencil ideas? Your fellow Trace users have made unit layouts for site plans, façade textures for elevations, graphics for diagramming, logos for branding and entourage for all types of renderings. How creative can you get?

Back to Top

15: Stencils



Stencil Interface

Stencil Tool
Tap stencil to use the Stencil tool.

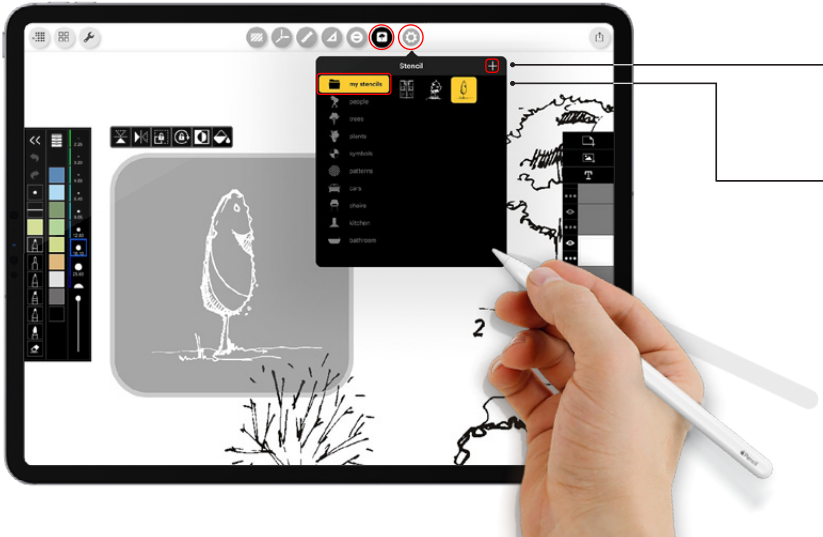
Stencil Libraries
Tap Stencil Settings to see all the libraries of pre-made stencils.

Position Stencil
Scale and adjust stencil to desired location and size.

Fill
Use multiple colors or brushes to customize your stencil effects.

Back to Top

15: Stencils



Add Custom Stencil
Tap “+” to open your camera or photo library.

Delete Custom Stencil
After selecting a Custom Stencil, pull down the Stencils and then tap Delete.

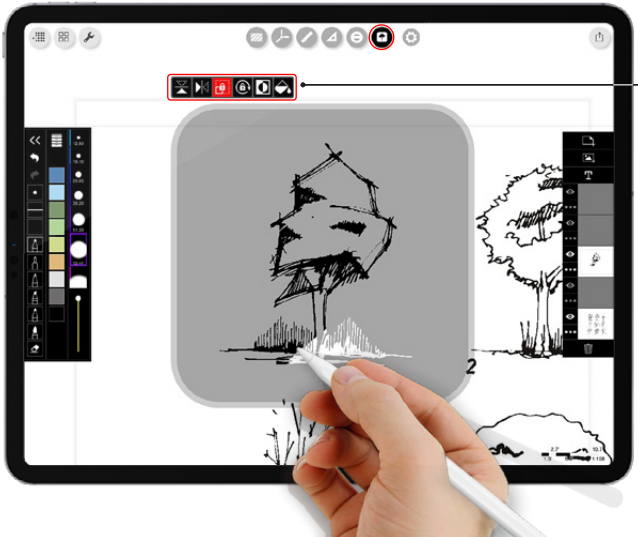
Back to Top

15: Stencils

Make the Stencil
Adjust contrast or invert to get the exact detail and stencil you want.

Back to Top

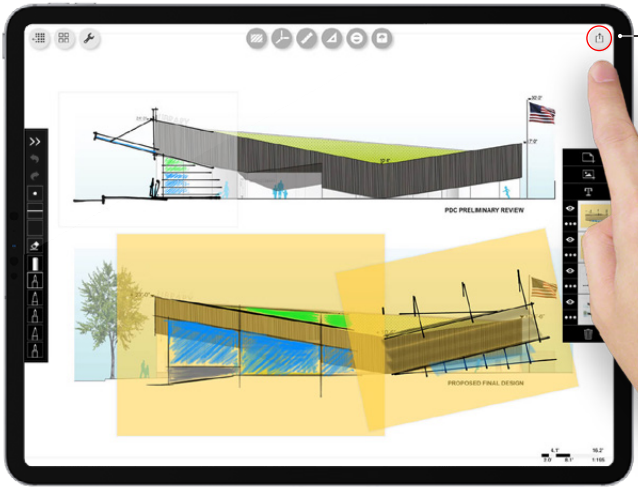
15: Stencils



- Mirror Horizontal
- Mirror Vertical
- Lock Position & Size
- Lock Rotation
- Invert Stencil
- Fill

Back to Top

16: Export

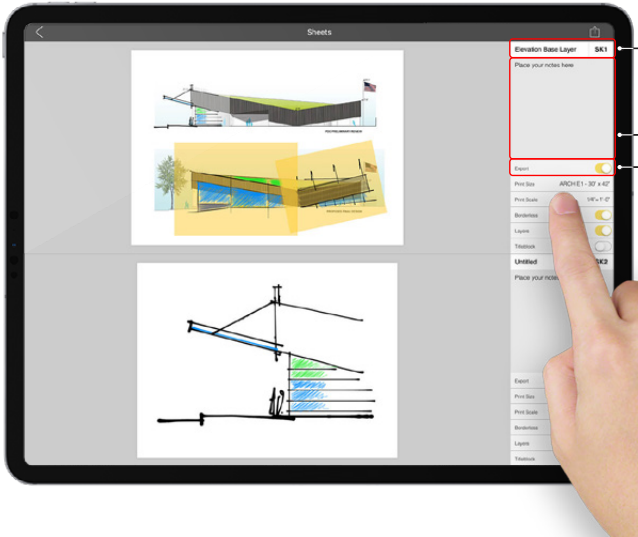


Export Interface

Export Drawing
Tap the Export icon to package your drawing.

Back to Top

16: Export



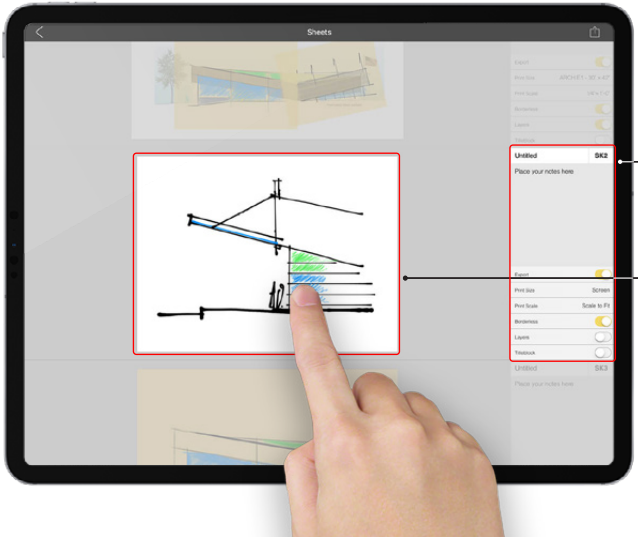
Title/Page Number
Tap the title and page number to edit.

Notes
Tap the notes to add a text description.

Selected Export
Tap the Export toggle to select layers to export.

Back to Top

16: Export

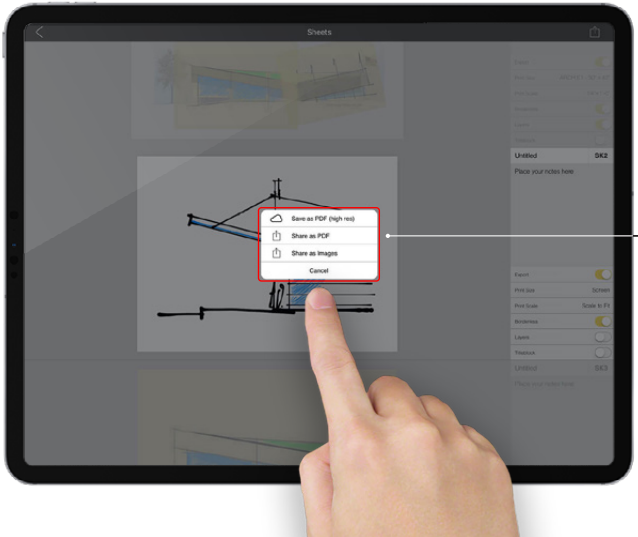


Page Size/Print Scale
Change the size and scale of the exported drawing.

Arrange Drawing
Tap the drawing to move and layout on paper. Tap outside the paper to set the new location.

Back to Top

16: Export



Save and Share
Save your drawing as a high res PDF or share it to your library, any cloud storage, or social media as a PDF or image.

Back to Top

17: Your Projects & Folders

Share + Back up Your Trace Files

Did you know you can now share all of your original Trace drawing files? Want to send a drawing to your team, AirDrop it onto your iPhone or simply save it to your files? Below is a quick "How To" guide to get you started sharing and backing up your work. Drawings by Rodrigo Cavazos.

1

Edit Mode

From the Trace projects page, tap "Select" to enter into edit mode.

Back to Top

17: Your Projects & Folders

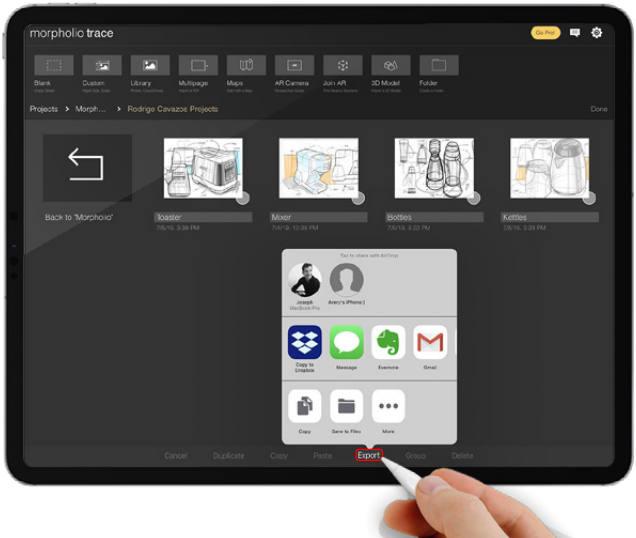
2

Pick Your Projects
Select the projects that you want to export or share.

Hint: You can also duplicate, copy/paste, group, or delete projects while in edit mode!

Back to Top

17: Your Projects & Folders



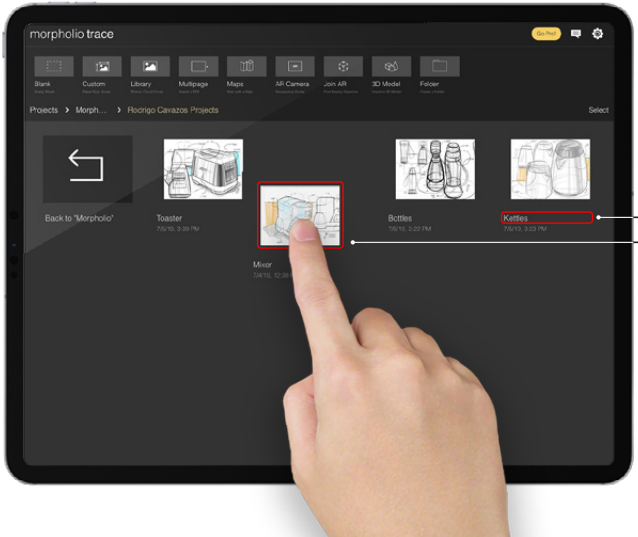
3

Share Your Projects
Tap “Export” to AirDrop to another device, save to your cloud storage, or email them out. When you’re finished simply hit “Done.” It’s that easy!

Note: Some email and storage services may only allow one file to be shared at a time. Please be sure to check all files go through.

Back to Top

17: Your Projects & Folders



Project Interface

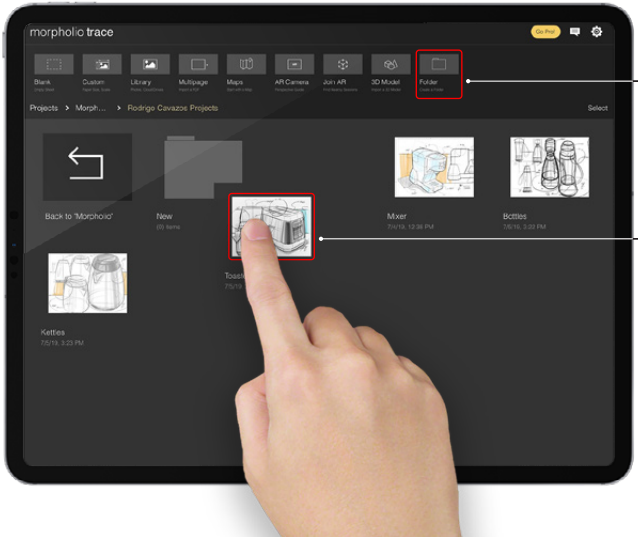
Drawings by Rodrigo Cavazos.

Title
Tap title to rename your projects. Tap “Done” when finished.

Arrange Projects
Press and hold projects to rearrange.

Back to Top

17: Your Projects & Folders



Add Folder
You can add new folders to sort your projects into organized categories.

Move Projects
Press and hold, then drag projects to move them into move them into a folder.

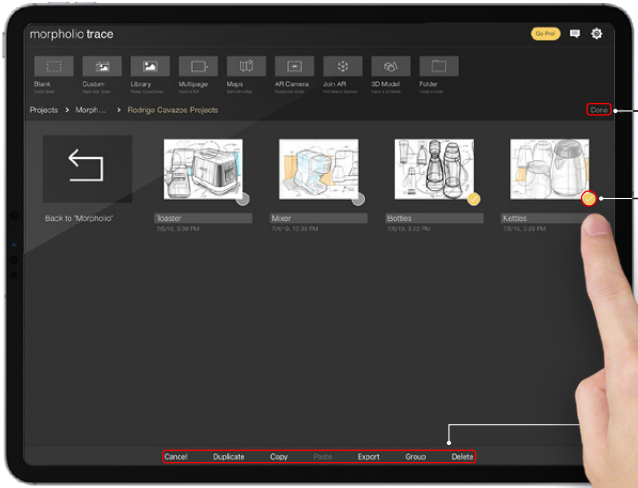
Back to Top

17: Your Projects & Folders

Edit Projects
Tap “Select” to select Projects to duplicate, copy, paste, group, or delete.

Back to Top

17: Your Projects & Folders



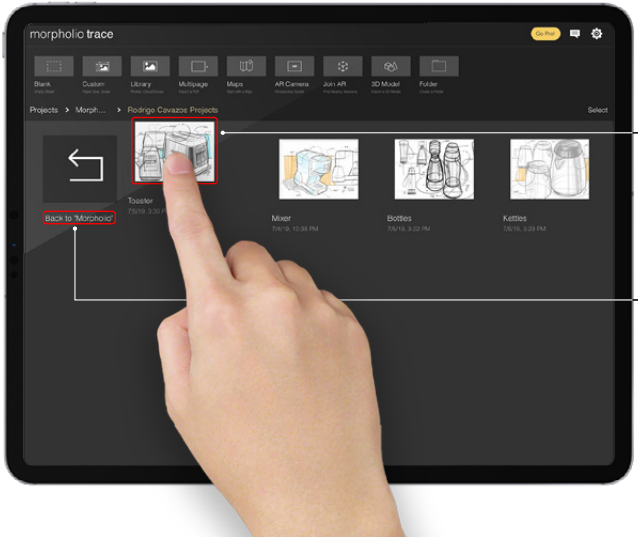
Exit Project Management
Tap “Done” to close project management.

Select Multiple Projects
Tap the circle to select single or multiple projects to manage.

Edit Projects
Cancel selection, duplicate, copy, paste, group, or delete projects.

Back to Top

17: Your Projects & Folders

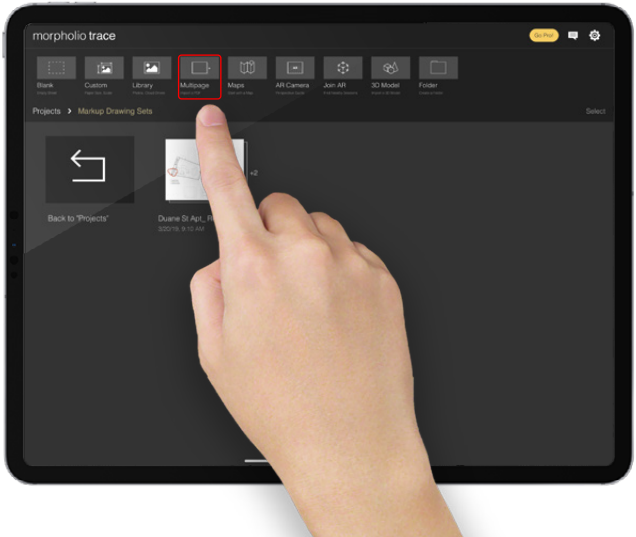


Move Projects Back
Press and hold, then drag project to “Back to ...” to move a project to the outside folder.

Return to Outside Folder
Tap to return to the outside folder.

Back to Top

18: Multipage PDF



Redline Drawings

How to video >

Did you know, you can now markup 100-page drawing sets, rendering packages, site reports or documents on the go? And… you will look so much cooler doing it on your iPad. Below is a quick "How To" guide to get you started redlining any drawing set or image.

1

Import PDF or Image

You can upload any PDF (up to 100 pages) or image (JPG, PNG) file to Trace to begin marking up.

Back to Top

18: Multipage PDF

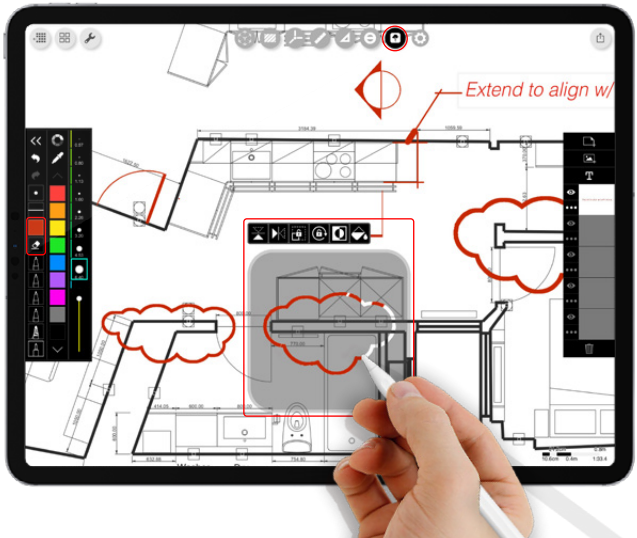
2

Manage PDF Pages
Use the PDF Manager button to switch between pages and remember to set the scale for each page as needed. See the Set the Scale section. To reorder the pages press and hold, then drag each one to its new location.

Hint: If you tap edit, you can delete unwanted pages.

Back to Top

18: Multipage PDF



3

Use Markup Tools
Work with Stencils, Rulers and other Trace super tools to quickly markup and annotate drawings.

Hint: Make Custom Stencils for any unique symbols, notes or stamps you use. See Stencils section for more!

Back to Top

18: Multipage PDF

4

Add Text

Use the text tool to add notes or comments. You can also copy, paste, and edit notes by tapping on the Layer Manager button in the right toolbar.

Back to Top

18: Multipage PDF

5

Export Your Drawings
When you're finished, just tap the Export button in the PDF Manager to save a high res PDF, or email a PDF or image.

Back to Top

18: Multipage PDF

Multipage PDF Interface

Multipage View
Tap to view all pages.

Export
Tap to export all pages at once.

Edit/Delete
Tap Edit and then “x” to delete a page. Tap Done when finished.

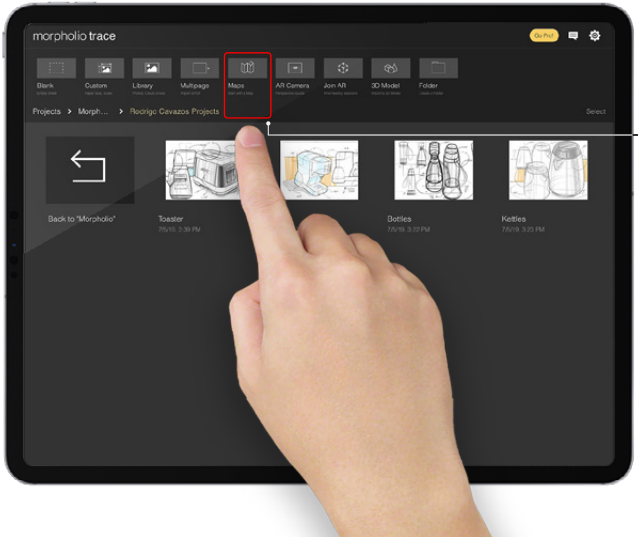
Back to Top

18: Multipage PDF

Arrange Pages
Press and hold pages to rearrange.

Back to Top

19: Maps



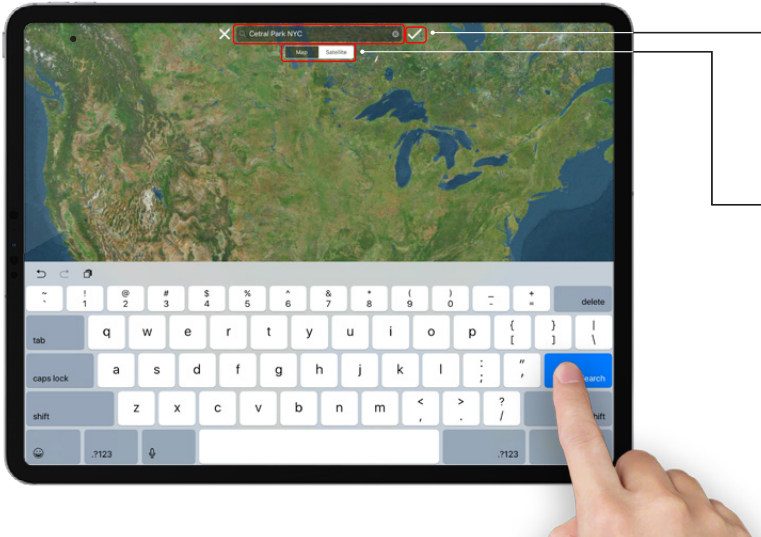
Map Interface

How to video >

Launch Map
Tap this icon to start a Project with a Map.

Back to Top

19: Maps

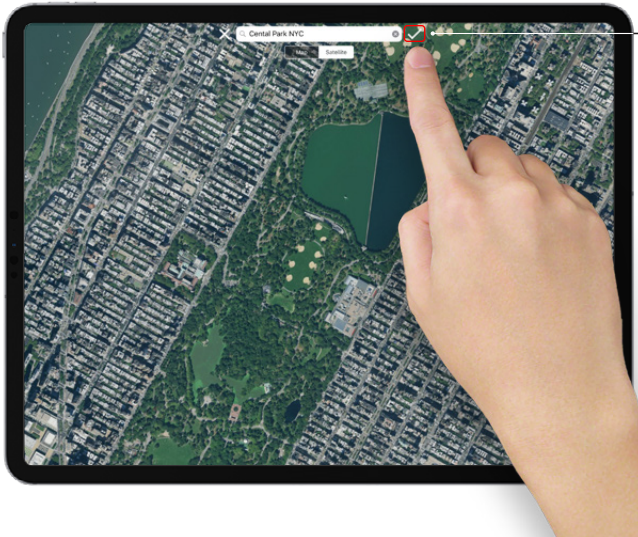


Search Location
You can create backgrounds from maps of any location in the world.

Map/Satellite
You can toggle between map view and satellite view.

Back to Top

19: Maps



Select View
Pinch to zoom and rotate the map to selected your desired view. Tap the check mark to make the map your background.

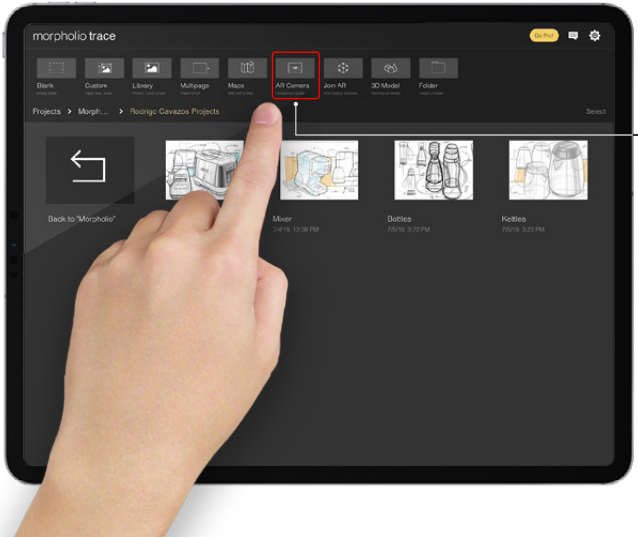
Back to Top

19: Maps

Pre-Scaled
When you enter project mode, the drawing is already scaled and ready to go!

Back to Top

20: AR Perspective Finder



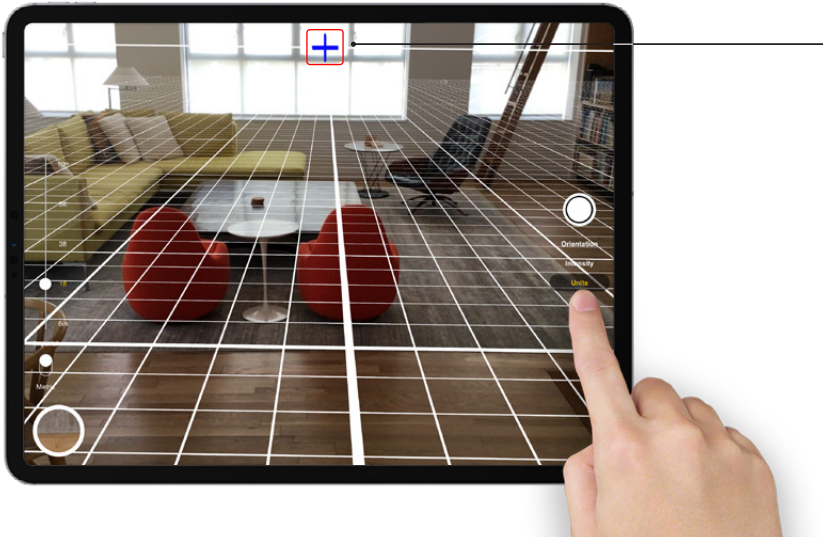
AR Mode Interface

How to video >

Launch AR Camera
Tap this icon to start a Project with the AR Camera

Back to Top

20: AR Perspective Finder



How to set a grid

Step 1: Move iPad to register surface.

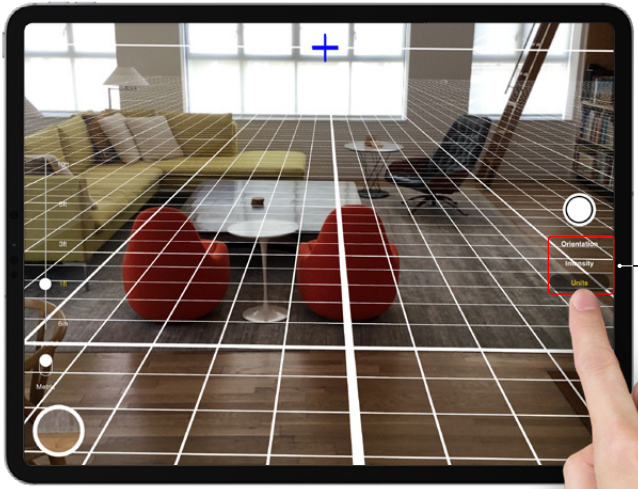
Step 2: After grid appears, swipe your finger to rotate and align grid to camera view.

Step 3: Once aligned, tap anywhere on screen to lock the grid.

Step 4. Capture the image by pressing the camera button.

Back to Top

20: AR Perspective Finder



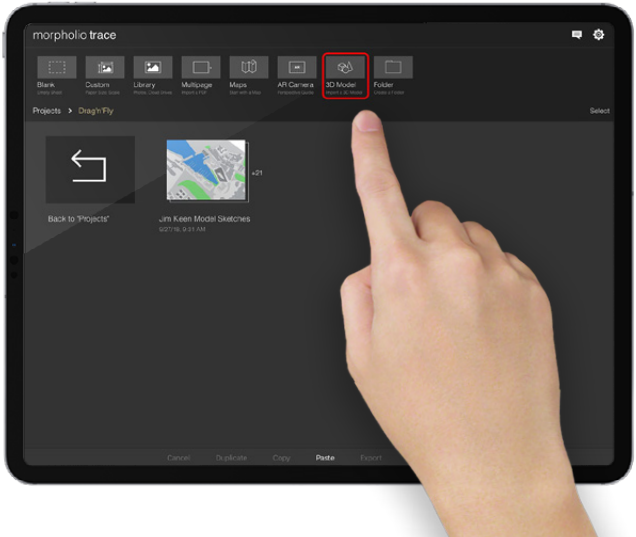
Orientation
You can adjust the vanishing point of the perspective grid.

Intensity
You can adjust the color of the perspective grid.

Units
You can adjust the number of grid lines. Also you can choose between imperial or metric units.

Back to Top

21: Drag’n’Fly 3D Viewer



Sketch with “Live” 3D Models

How to video >

Imagine if you could have a 3D model inside your sketchbook. Then, imagine that it would automatically generate perspective lines for you. And now, imagine that you could fly between views to present your work. Would you believe it?

1

Import your 3D Model

Any OBJ, STL, 3DS, DAE, FBX, or USDZ file will work. Simply, tap the 3D file icon or “Drag and Drop” in your file.

Back to Top

21: Drag’n’Fly 3D Viewer

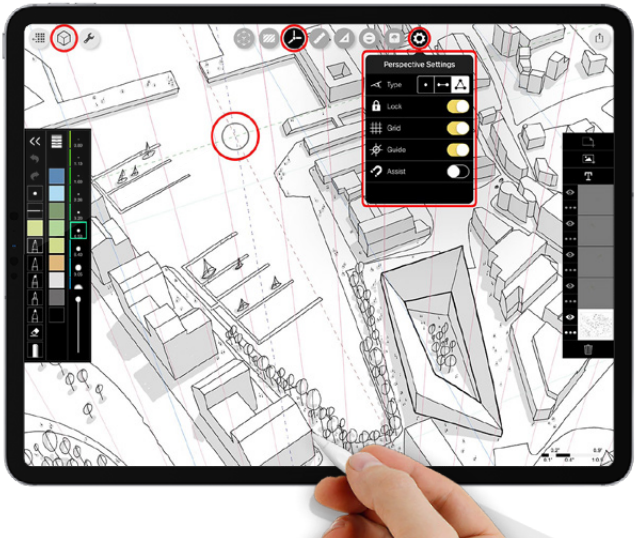
2

Set Infinite Views
Tap the “+” or simply move the screen to spin, zoom or fly around your 3D file. Set as many views as you want by tapping the check. When you’re ready to start drawing just tap “Done.”

Hint: Tap the model to re-center or outside the model to zoom out. Long press views to edit.

Back to Top

21: Drag’n’Fly 3D Viewer



3

Draw on Auto-Generated Perspective Grids
Smile. You will notice that Trace sets up the perspective lines and vanishing points for you. Simply draw away. When finished tap the 3D button to get more views and previews.

Tip: More information on drawing perspectives in the Perspective Tools Section.

Back to Top

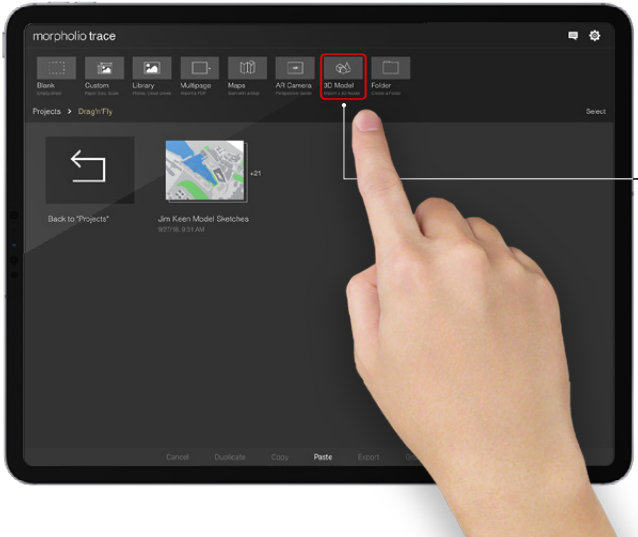
21: Drag’n’Fly 3D Viewer

4

Fly From Sketch to Sketch to Sketch
Ready for some fun? Simply tap any preview and fly to that view. Can you imagine a better way to present your work?

Back to Top

21: Drag’n’Fly 3D Viewer



Drag’n’Fly 3D Viewer Interface

Launch Drag’n’Fly 3D Viewer

Tap this icon to start a Project with the a 3D Model.

Back to Top

21: Drag’n’Fly 3D Viewer

Find Your View
Use the view labels to view orthogonal and perspective views of the model.

Navigation Tips: Use two fingers to pan. Pinch and expand two fingers to zoom in and out. Use one finger to rotate the view.

Select Your View
When you have found your preferred view, tap the green check.

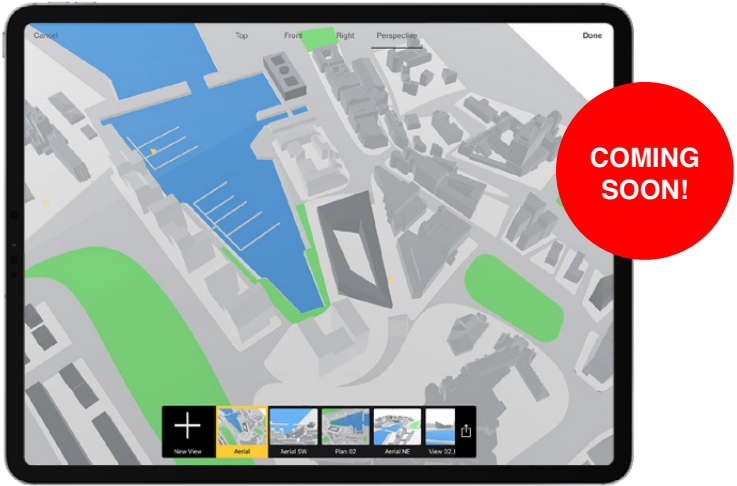
Back to Top

21: Drag’n’Fly 3D Viewer

Make a Background Image
Tap Done to turn the 3D view into a background image to sketch over!

Back to Top

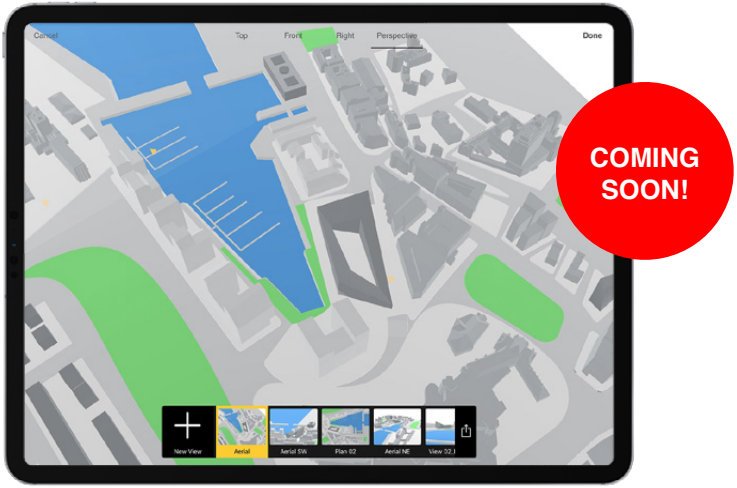
21: Drag’n’Fly 3D Viewer



Camera Toggle
New camera options coming soon!

Back to Top

21: Drag’n’Fly 3D Viewer



Environmental Settings
New lighting and environmental settings coming soon!

Back to Top

21: Drag’n’Fly 3D Viewer

3D View for You!
You will automatically enter Perspective Mode with the perspective grid customized to your view. Use colors, brushes, and all the tools to make an amazing drawing!

Note: See the Perspective Tools Section for more tips!

3D Model Mode
Tap cube to return to the 3D model to select another view to use as a drawing background.

Back to Top

21: Drag’n’Fly 3D Viewer

View Options
Swipe up on a view to rename it, duplicate it, or delete it!

Export View
Save or share a PDF or share an Image of the selected view.

Back to Top

22: AR SketchWalk

Walk into Your Sketch

How to video >

Have you ever wanted to just jump into a sketch? You know, literally dive right in and stroll around to see how it feels. Or, better yet, take your colleague, entire team or favorite client with you? Well, you now can! Below is a quick "How To" guide to get you started using AR SketchWalk on any drawing or plan. Drawing by Cluck Design Collective.

1

Set SketchWalk Target

Place yourself in your drawing wherever you desire and tap "View in AR". Start with any floor plan, sketch or background and remember to set the scale before going into AR.

Back to Top

22: AR SketchWalk

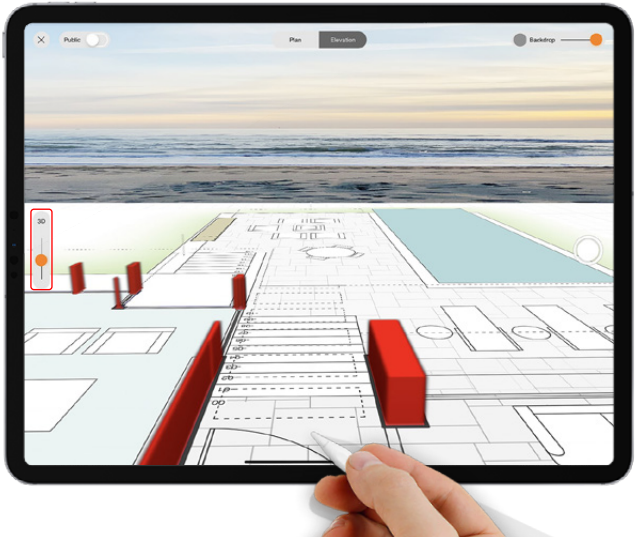
2

Place Your Sketch in the World

Move your device to register a surface. When the grid appears, rotate as needed and tap the screen to set the drawing. You should now have your drawing on the ground and, believe it or not, to scale! Meander around and feel the space.

Back to Top

22: AR SketchWalk



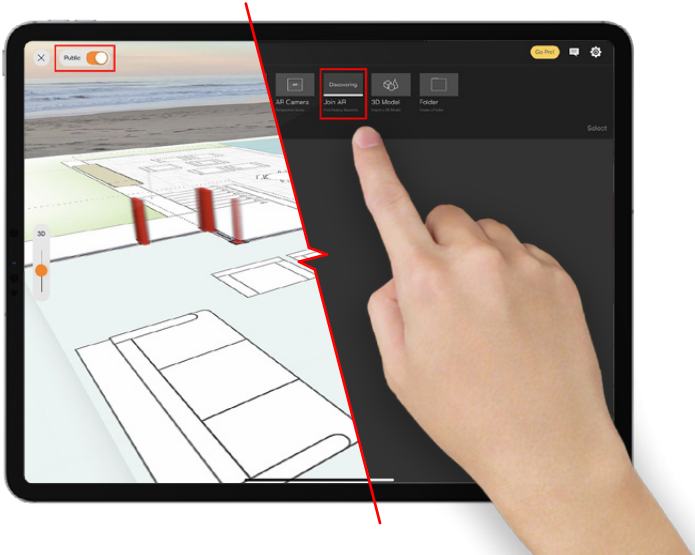
3

Lift lines into Walls
Use the 3D slider to extrude selected lines up and create surfaces to walk between.

Hint: Use “Layer Manger” to control lines you want to activate.

Back to Top

22: AR SketchWalk



4

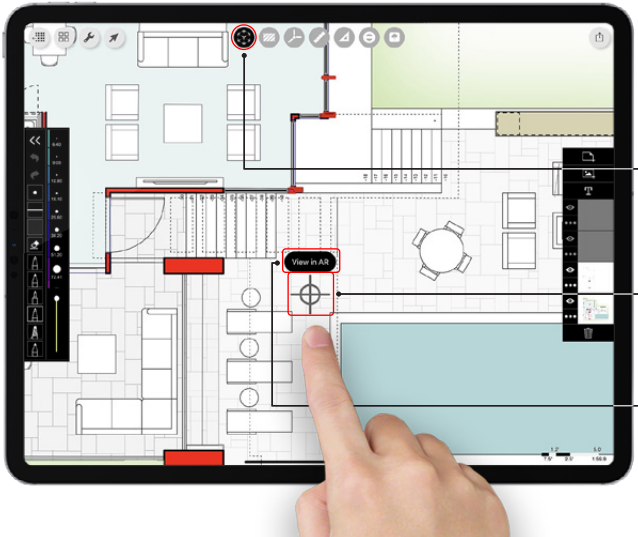
Invite Others into Your World

Bring your team, studio or clients with you by toggling “Public” ON. Then, other devices simply need to tap “Join AR” on the projects page.

Tip: Trace will automatically detect nearby devices (iPhone or iPad) that also have Morpholio Trace installed.

Back to Top

22: AR SketchWalk



AR SketchWalk Interface

AR SketchWalk Mode
Tap this icon to transform your drawing into an AR Sketch Walk.

AR SketchWalk Target
Press and drag Target to selection start location for SketchWalk

View AR SketchWalk
Tap “View in AR” to launch AR Sketch Walk mode.

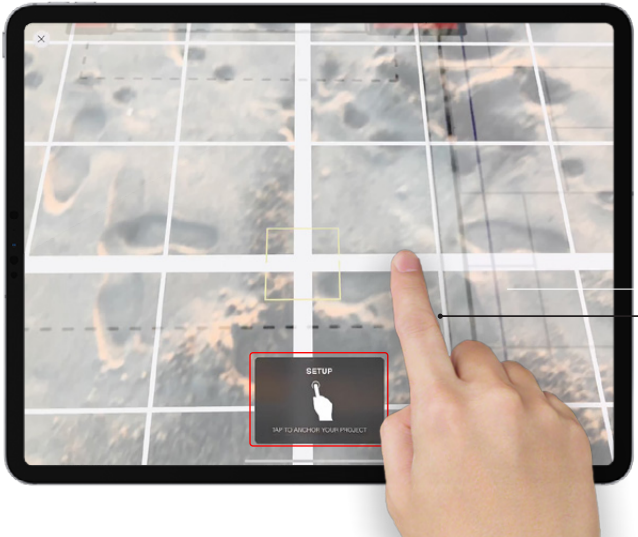
Back to Top

22: AR SketchWalk

Disable AR Extrusion
Control which layers are extruded in Layer Settings.

Back to Top

22: AR SketchWalk



Anchor the Drawing
Move your device back and forth to register a surface. When the grid appears, rotate as needed and tap anywhere on the screen to set the drawing.

Back to Top

22: AR SketchWalk

Backdrop
Toggle the camera view on or off.

Drawing Orientation
Toggle between plan and elevation orientation of your drawing.

Capture a View
Save an image of the Sketch Walk to your Photos.

Extrude Lines in 3D
Extrude sketch lines by adjusting the 3D slider.

Tip: Control which layers are extruded in Layer Settings.

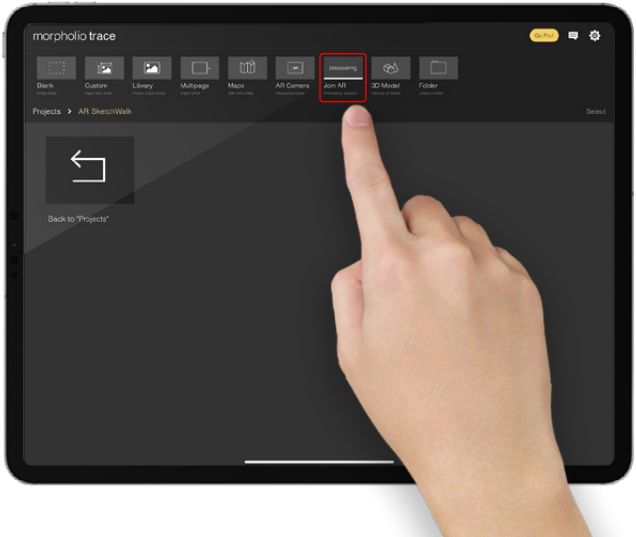
Back to Top

22: AR SketchWalk

Host an AR SketchWalk
Toggle the “public” button. Your sketch walk is now discoverable to anyone nearby using Morpholio Trace.

Back to Top

22: AR SketchWalk



Host an AR SketchWalk
Toggle the “public” button. Your sketch walk is now discoverable to anyone nearby using Morpholio Trace.

Join an AR SketchWalk
Press the “Join AR” button in the Projects screen. This will automatically look for any nearby “public” sketch walks. Scan the same surroundings that your host has scanned and the project should appear. Your locations and views will stay synchronized as your explore in the same space.

Back to Top

Morpholio Quick Tips
TracePro

THANK YOU.

Back to Top