Landscape Studio

Step-by-step instructions for planning landscaping, outdoor lighting and sprinkler layouts in OwnerOps One.

Open the designer:
owneropsone.com/landscape-studio

Your first design in seven steps

1. Name your project
Replace the project name with something recognizable, such as Front Yard - Evening Lighting.

2. Set up your space
Upload a photo, then enter measured site width and depth.

3. Build the layout
Use editable suggestions or choose items from Lighting, Irrigation and Landscape.

4. Move and customize
Drag an item with one finger. Select it to adjust its settings.

5. Preview the result
Try day/night, Lights on and Run sprinklers.

6. Review materials
Choose actual models, add accessories and check quantities and settings.

7. Save and export
Tap Save, then export an Editable project backup and your PDF or materials list.

Find the detailed instructions

2 Start a project and upload a photo
3 Place and move items
4 Design and preview lighting
5 Design irrigation and draw routes
6 Landscaping, brands and materials
7 Save, reopen, print and export
8 Troubleshooting and final review

Know what is saved: Designs save in this browser on this device. They do not automatically sync between devices. Keep an Editable project (.json) backup.

Start with your space

Use the demo to practice or begin a layout for your own property.

1. Open Landscape Studio
Go directly to the designer link on page 1. Signed-in users can also open Property & Tenant Tools and choose Landscape Studio.

2. Start blank or keep the demo
To clear the illustrated layout, choose My designs > New blank design. Save or export existing work first. Enter a unique Project name near the top of the designer.

3. Upload a photo
Choose Upload photo and select a clear JPEG or PNG of the house, yard or area. Keep the file below 30 MB. A wide, unobstructed view makes placement easier. The uploaded photo is processed locally in the designer.

4. Review the starter suggestions
Uploading a photo adds editable starter suggestions. They estimate a lawn boundary from image colors; inspect the house outline, edges, paths and obstacles yourself.

5. Enter the real site dimensions
Expand Site dimensions & utilities. Enter Site width (ft) and Site depth (ft). The initial 80 x 60 ft values are placeholders. Width and depth apply to the overhead Scaled plan.

6. Choose which layers to suggest
Open Suggest layout. Select Lighting, Sprinklers, Landscaping and/or Hardscaping, then choose Generate editable suggestions. Regeneration replaces earlier suggested/demo items and keeps manually added items. Undo restores the previous layout.

7. Compare the two views
Use Photo preview for appearance and Scaled plan for measured positioning. Use the plus/minus zoom buttons and Fit to reset the view.

Photo vs. plan: Both views share relative item positions. A photograph is not automatically surveyed or reconstructed in 3D. Confirm distances in Scaled plan and against your site measurements.

Try another design

Design ideas offers The evening garden, Colorful courtyard, A greener lawn and Combine lighting + irrigation. These replace placed items and routes while keeping your photo and site settings. Save a copy before comparing alternatives.

Place and move items

Use touch on a phone or tablet, or click and drag with a mouse.

1. Choose an item
Select Lighting, Irrigation or Landscape in the catalog. Tap the item you want. The canvas instruction changes to Tap or drag to place.

2. Place it on the canvas
Tap the desired location. You can also touch down and slide your finger to position the new item before lifting it. Placement finishes after one item; choose the catalog tool again to add another.

3. Adjust with one finger
Touch near the center or base of the placed symbol, then drag with one finger. Lift your finger to leave it in place. You do not need a long press or a second finger. For closely spaced items, zoom in first.

4. Enter an exact position
Tap an item to show Design details. Change X position (ft) or Y position (ft). The plan origin is the top-left corner: X increases to the right and Y increases downward.

5. Change the selected item
Edit Item name and the controls shown for that item. Lights, sprinkler heads, plants and surfaces expose different settings. On smaller screens, scroll to reach Design details.

6. Duplicate or remove
Choose Duplicate to create another copy nearby, then drag the copy into place. Choose Remove to delete the selected item. Use Undo to reverse a mistake; Redo reapplies an undone change.

7. Save your progress
Tap Save after a meaningful change. Save again before leaving the page or opening another design.

Touch tip: The canvas reserves touch gestures for design interaction. Scroll the page from outside the canvas. Use the on-screen zoom controls to work more closely.

Keyboard shortcuts on a computer

Esc: exit placement or route drawing.
Delete / Backspace: remove the selected item when not typing in a field.
Ctrl/Cmd + Z: undo. **Ctrl/Cmd + Shift + Z:** redo.
Ctrl/Cmd + S: save the design in this browser.

Shape the evening view

Plan fixture placement, then explore light appearance and color.

1. Place a light
Open Lighting. Choose Path light, Accent spotlight or Color wall wash. Tap the canvas and drag the fixture into position.

2. Adjust coverage and aim
Select the fixture. Set Coverage radius (ft). Where available, change Beam spread and Direction. Direction uses 0 degrees toward the right and 90 degrees downward on the plan.

3. Set brightness and color
Adjust Brightness. Use RGB color on supported color-wash items. Preview tint on other lights is an illustration setting; it does not mean the actual fixture supports color changes.

4. Try day and night
Move the Day to night slider toward the moon for a darker preview. Toggle Lights on / Lights off to compare the design. These controls only affect the on-screen simulation.

5. Organize lighting groups
Assign a Group from 1 to 4 in Design details. Use Preview zone to view a selected group/zone, or choose All zones to see the complete layout.

6. Select the actual product
Choose Browse brand catalog or Choose a brand / model. Filter by brand and product type. Place in design adds a new fixture; Use on selected replaces a compatible selected item.

7. Record real specifications
Enter the exact model/variant, Load (watts) and price after checking the selected product. In Site dimensions & utilities, enter the intended Transformer capacity (W). Review the Design check messages.

Planning limits: The light effect is an appearance preview, not a measured illumination calculation. The displayed load check uses an 80% planning allowance. Verify product power compatibility, circuits, cable sizing and voltage drop before installation.

Example practice layout

Place one path light beside the walkway. Duplicate it and move the copy farther along the path. Add an accent spotlight at a tree, adjust its aim, then compare dusk and night. Save this version before experimenting with color washes.

Plan sprinkler coverage

Set head positions and operating assumptions before reviewing zones.

1. Enter supply information
Expand Site dimensions & utilities. Enter measured Available flow (GPM) and Operating pressure (PSI). If these are unknown, keep the design conceptual; a missing value is not a verified supply capacity.

2. Place sprinkler items
Open Irrigation or Browse brand catalog. Choose a sprinkler/nozzle, place it and drag it into position. Switch to Scaled plan to judge spacing.

3. Set each head
Select the item. Adjust Coverage radius, Spray arc and Direction as available. Enter Flow per head (GPM at operating PSI) from the chosen nozzle chart at the expected operating pressure.

4. Assign and review zones
Set Water zone to 1, 2, 3 or 4. Use Preview zone to isolate a zone. Check its total flow in Design check. The tool does not automatically size hydraulic zones or derive nozzle flow from pressure.

5. Run the preview
Choose Run sprinklers and Show coverage. Inspect overlapping areas and overspray onto paths or buildings. Choose Pause sprinklers to stop the animation. This does not operate real equipment.

Draw a pipe or cable route

6. Begin the route
Choose Draw pipe route or Draw cable route. The designer switches to Scaled plan. Tap the starting point, each bend and the endpoint.

7. Finish and assign
After at least two points, choose Finish route. Tap near a route segment to select it. Set Zone / circuit in Design details. Review the measured length and length with allowance.

8. Correct a route
Use Delete route to remove the selected route and draw it again. Use Undo if needed. Material allowance (%) in Site dimensions & utilities adds a planning allowance to route length.

Before purchasing: Validate actual head-to-head spacing, pressure losses, terrain and nozzle data. Coverage sectors do not model wind or water uniformity. Add controllers, valves, spray bodies, fittings and other required components separately.

Complete the materials list

Build the appearance, then turn generic items into specific purchasing choices.

1. Add landscape features
Choose Landscape and select a plant, bed or available surface item. Place it and drag it into position. Adjust Footprint radius or the size/appearance controls shown for the selected item.

2. Review plant and surface choices
Use names and notes to identify the intended plant or material. Confirm mature plant size and site suitability separately. The preview footprint is a design aid.

3. Browse real brands
Choose Browse brand catalog. Search a model or brand, or use System, Brand and Product type filters. Reset filters if no results appear. The catalog contains selected products and families, not every manufacturer SKU.

4. Distinguish placed items from components
Place in design adds a visible item to the canvas. Add material adds a component to the materials list without a canvas symbol. Use on selected changes a compatible item already in the design.

5. Specify the exact product
Open manufacturer references and confirm the actual variant, finish, size, nozzle, lamp, operating settings and compatibility. Complete the selected item's specification fields and review status only after checking those details.

6. Add accessories explicitly
Open Project materials and browse for additional components. Add spray bodies for nozzle-only products, and relevant lamps, valves, controllers, transformers or other available components. Accessories are not automatically counted.

7. Enter quantities and prices
In Project materials, edit Quantity, Price / unit, Exact variant / SKU / connection and Installation / allocation notes. Check pack or kit quantities. Enter a current quote instead of assuming the displayed allowance is a retailer price.

8. Review the complete report
Choose Review materials or Export plan. Compare placed items, routes and additional materials. Resolve Not priced / UNPRICED entries and specification warnings before ordering.

Budget meaning: The displayed total includes entered allowances only. Unpriced rows, route costs, labor, tax and delivery can be missing. Shop locally and retailer links help you search; they do not confirm stock, price or compatibility.

Save, print and export

Use an editable backup to protect your work and move it to another device.

1. Save locally
Give the project a distinct name and choose Save. My designs lists designs stored for the current user/guest in this browser. Saving the same name updates that saved design; rename first to keep an alternative.

2. Reopen a design
Choose My designs, find the saved project and select Open. Save or export your current work before opening a different project.

3. Create the editable backup
Choose Export plan > Editable project. Keep the downloaded .json file in a folder you can find again. This preserves editable project data; a PDF, PNG or CSV is not an editable project backup.

4. Move to another device
Transfer the .json file to the destination device. Open Landscape Studio there and choose My designs > Import project. Select the file, inspect the imported design and tap Save on that device.

5. Print the plan or save it as PDF
Choose Export plan > Print / Save PDF. Use your browser/device print dialog to print or save the report as a PDF. It contains the numbered plan, materials, adjustment settings and checks. Starting from Photo preview also includes an appearance preview.

6. Export a spreadsheet list
Choose Export plan > Materials CSV. Open the downloaded CSV in a spreadsheet app. Review quantities, settings, locations, manufacturer references and unpriced entries.

7. Export an image
Set the desired Photo preview or Scaled plan view, then choose Export plan > Preview PNG. Download preview image is another way to save the current visual.

On iPhone or iPad: Keep downloaded files in Files. Print and save options vary by browser; if a print preview opens, use the device's available share/save control to keep a PDF. If printing does not open inside an embedded app browser, open the studio in Safari and try again.

Protect your saved designs

Clearing browser data, private browsing or using another browser can make local designs unavailable. Signing in does not transfer guest designs automatically. Export before switching context, then import the backup where you want to work.

Troubleshooting and final review

Use these checks when something does not look or behave as expected.

An item will not move

Touch the symbol near its center/base rather than the outer coverage shading. Zoom in, then drag with one finger. Exit route drawing or placement first if another tool is active. Use X/Y fields for precise placement.

The photo will not open

Try a JPEG or PNG smaller than 30 MB. Convert an unsupported format before uploading. Use a clear photo with the intended design area visible.

The suggestions do not fit the yard

Correct site dimensions and move or remove suggested items manually. Suggestions are a starting layout, not an interpretation of every obstacle. Undo can restore the earlier design.

Lights or sprinklers are missing

Check Lights on or Run sprinklers, the Day to night slider, Preview zone and the selected item's Include in simulation setting. Use All zones when checking the complete design.

The design is missing from My designs

Return to the same browser, device and signed-in/guest context, or import your .json backup. Local saves are not cloud-synchronized.

The materials total looks too low

Look for unpriced rows, missing accessories and unspecified wattage/flow. Enter real variants, quantities and quotes. A plus sign beside the allowance indicates unpriced items.

An import fails

Use the original Editable project .json export, not a PDF/CSV/PNG or a manually altered file. The current importer limits project files to 7 MB. Keep the original file while troubleshooting.

Before sharing or ordering

Confirm site dimensions and item positions. Review actual models, variants, quantities, operating settings, zones, routes and accessories. Resolve Design check messages. Save locally, keep an editable backup, and export a fresh report after the final changes.

Manual revision: October 25, 2026. Prepared against the current OwnerOps One Landscape Studio controls. For the learning area, visit owneropsone.com/tutorials.