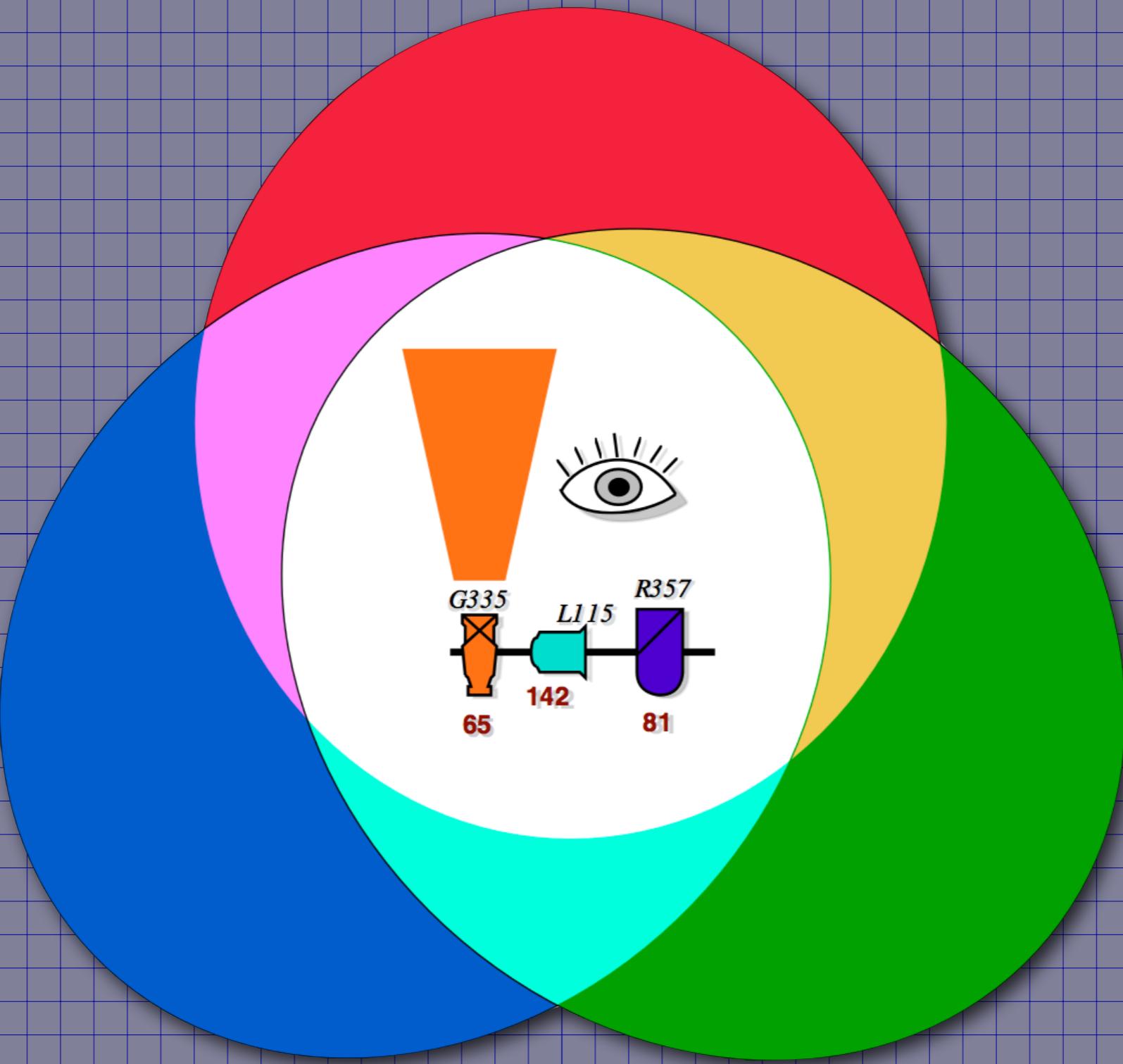


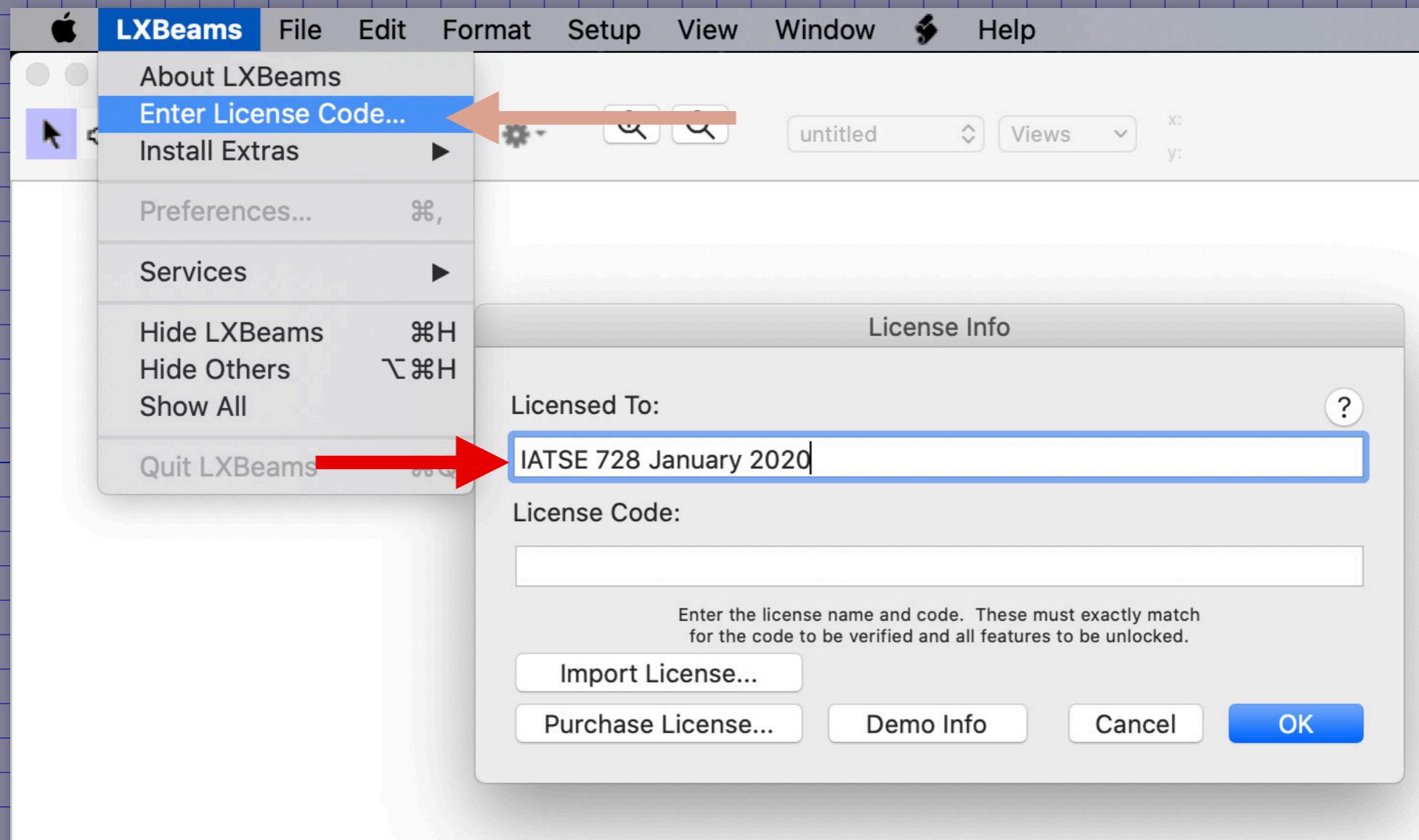
Introducing LXBeams



IATSE 728 Workshop 2020

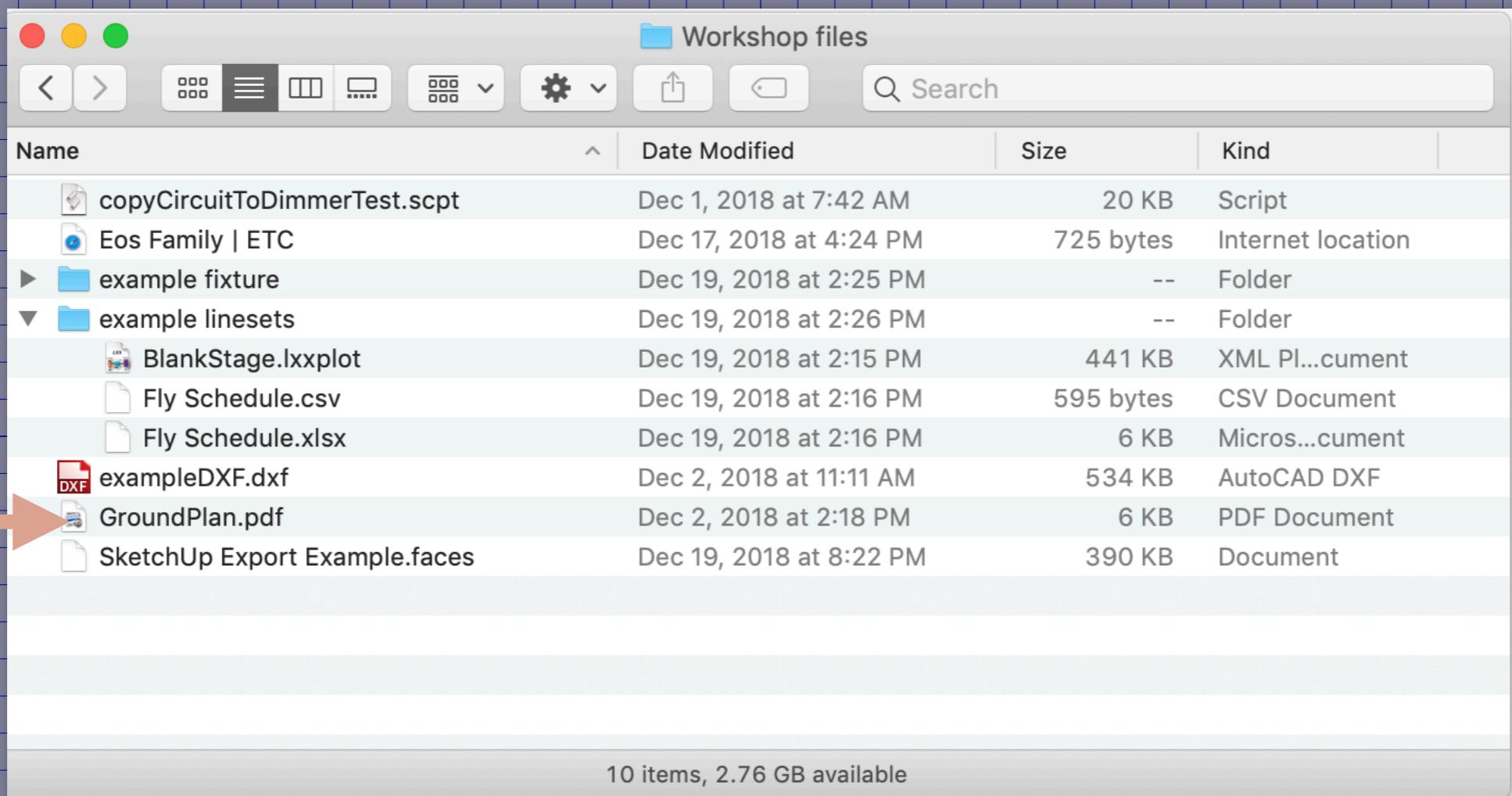
©2020

When you first launch LXBeams, the license window will appear
(You can also open the license window from the LXBeams menu.)



Enter "IATSE 728 January 2020" in the "Licensed To" field.
Or, click "Import License" and open the workshop.lxseriespro file.

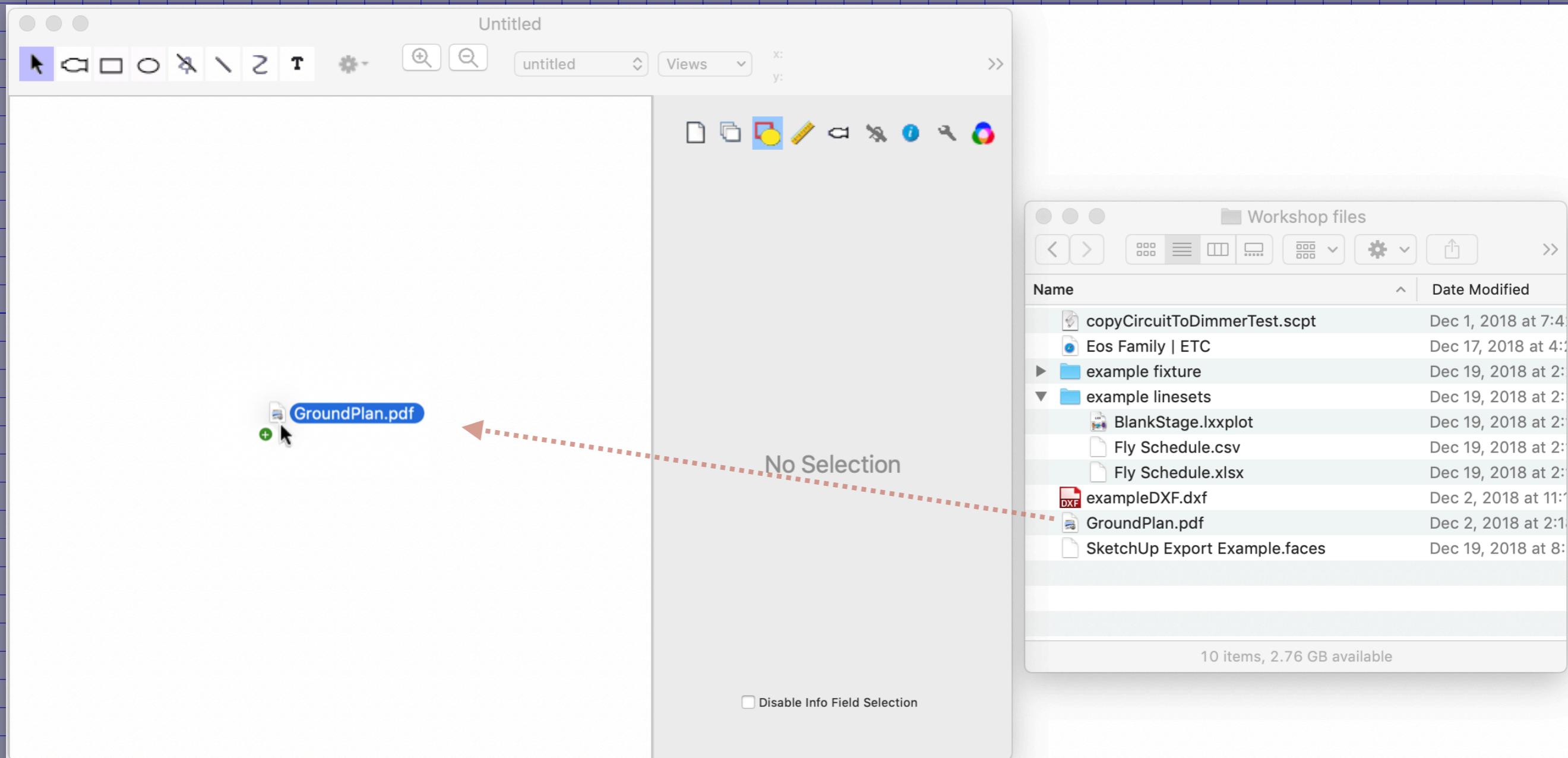
The Workshop Files folder has a file named "GroundPlan.pdf".



(You can also download using Example Ground Plan PDF from the Help menu.)

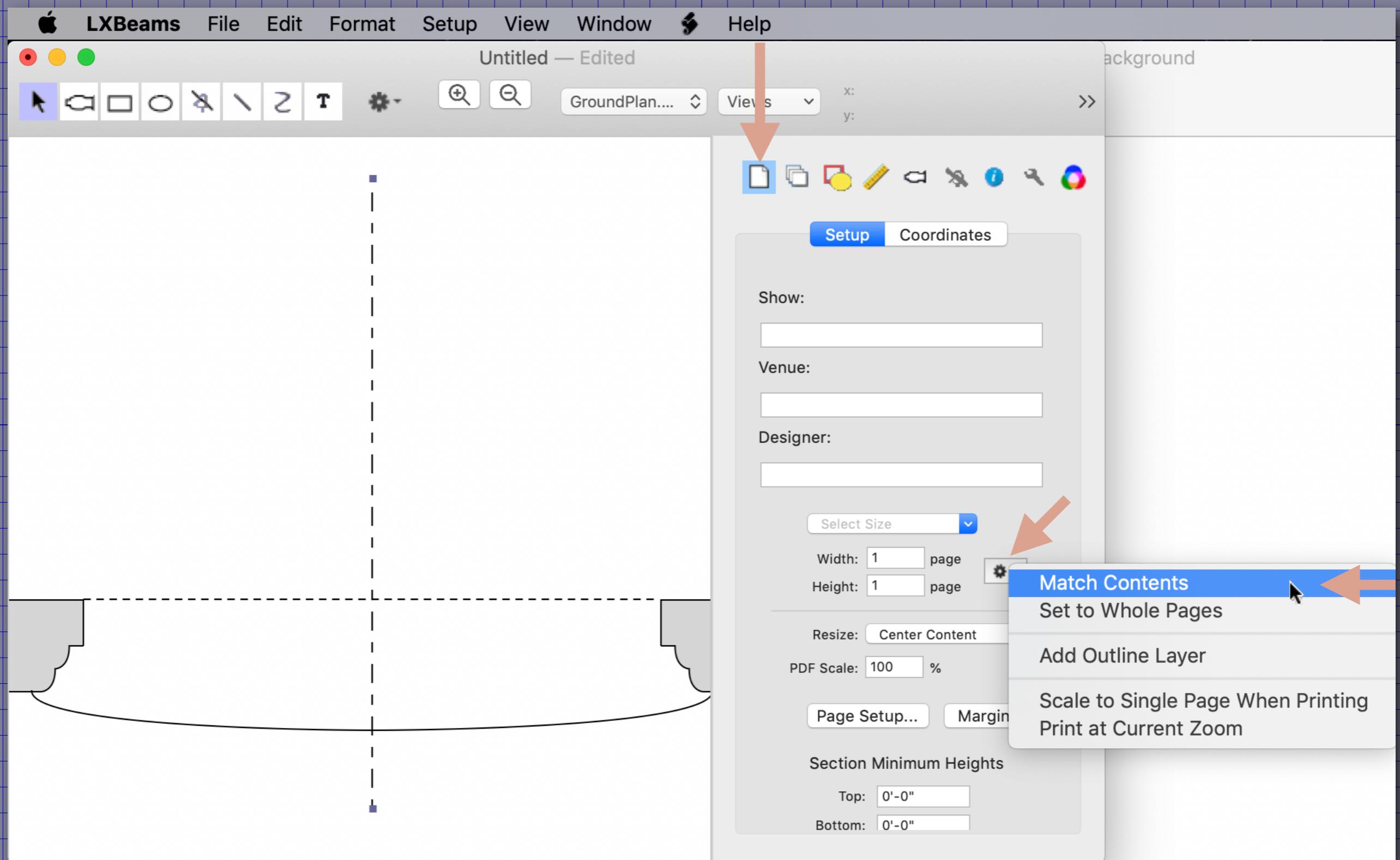
LXBeams opens with a blank “Untitled” file

Click and drag the GroundPlan.pdf file
over the drawing area and release.



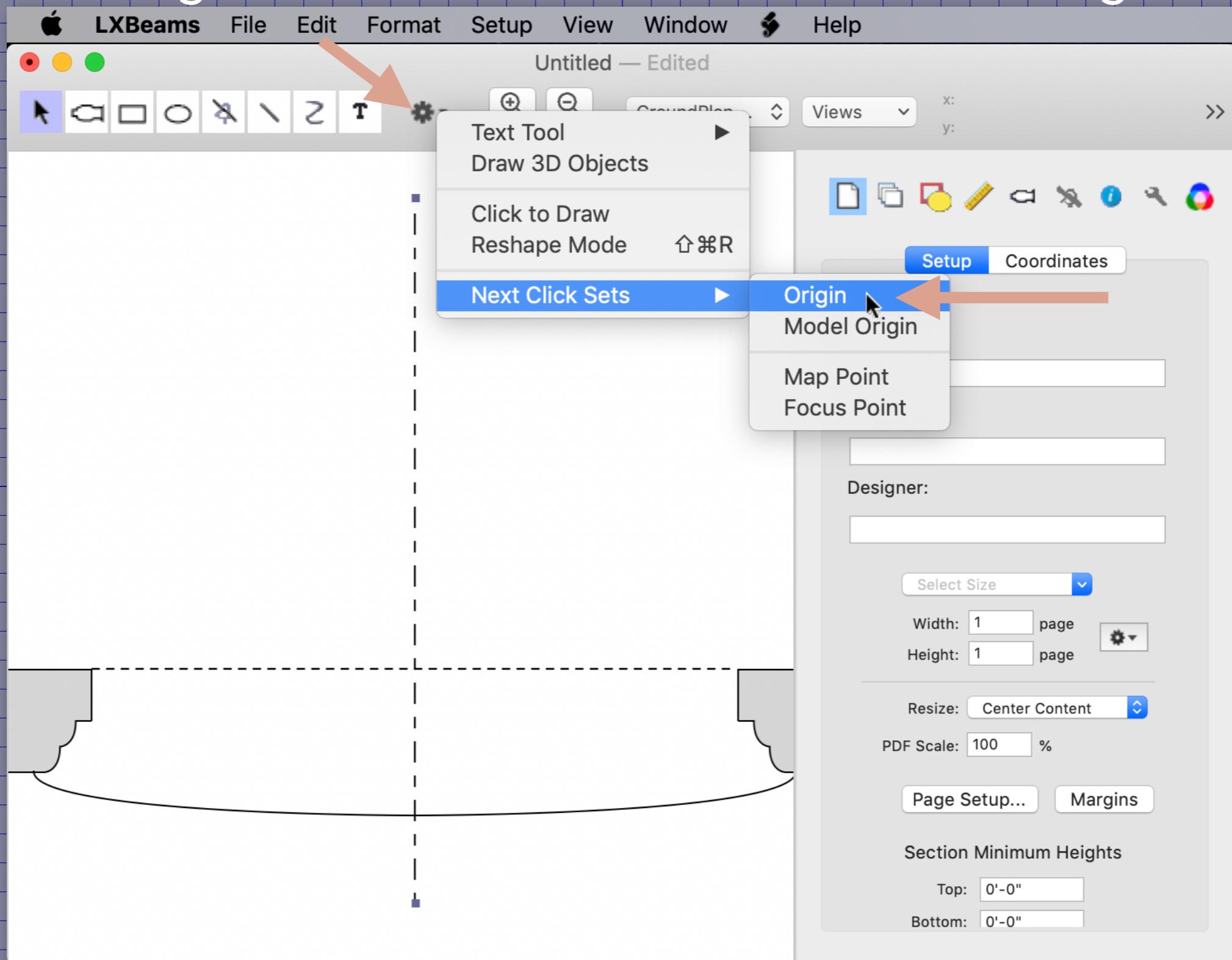
A green circle with a “+” appears when LXBeams will import the file.

In the Inspector, select the Document tab.



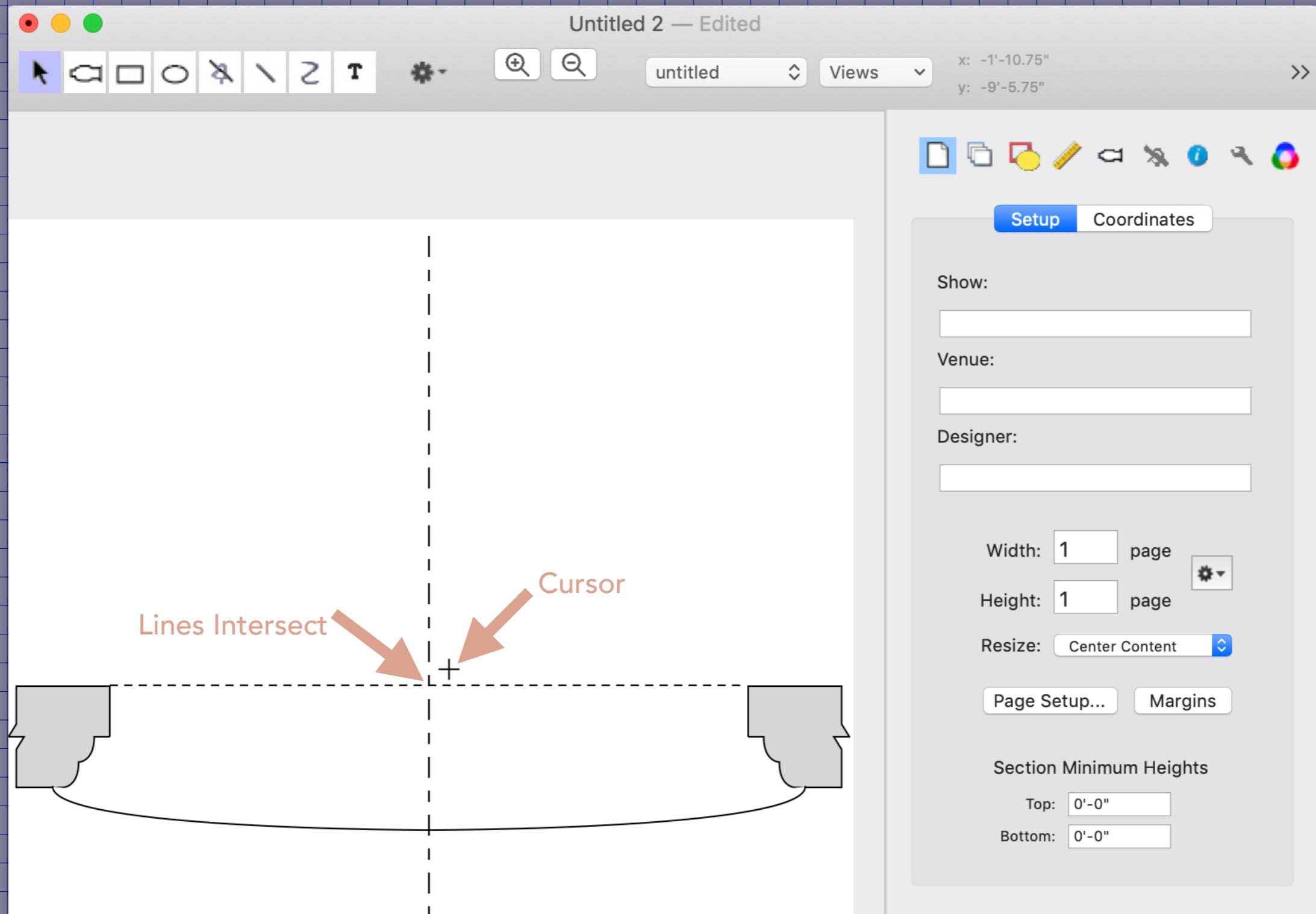
From the setup popup, select “Match Contents”.

In the Toolbar, click on the tool options popup
Navigate over and select Next Click Sets→Origin



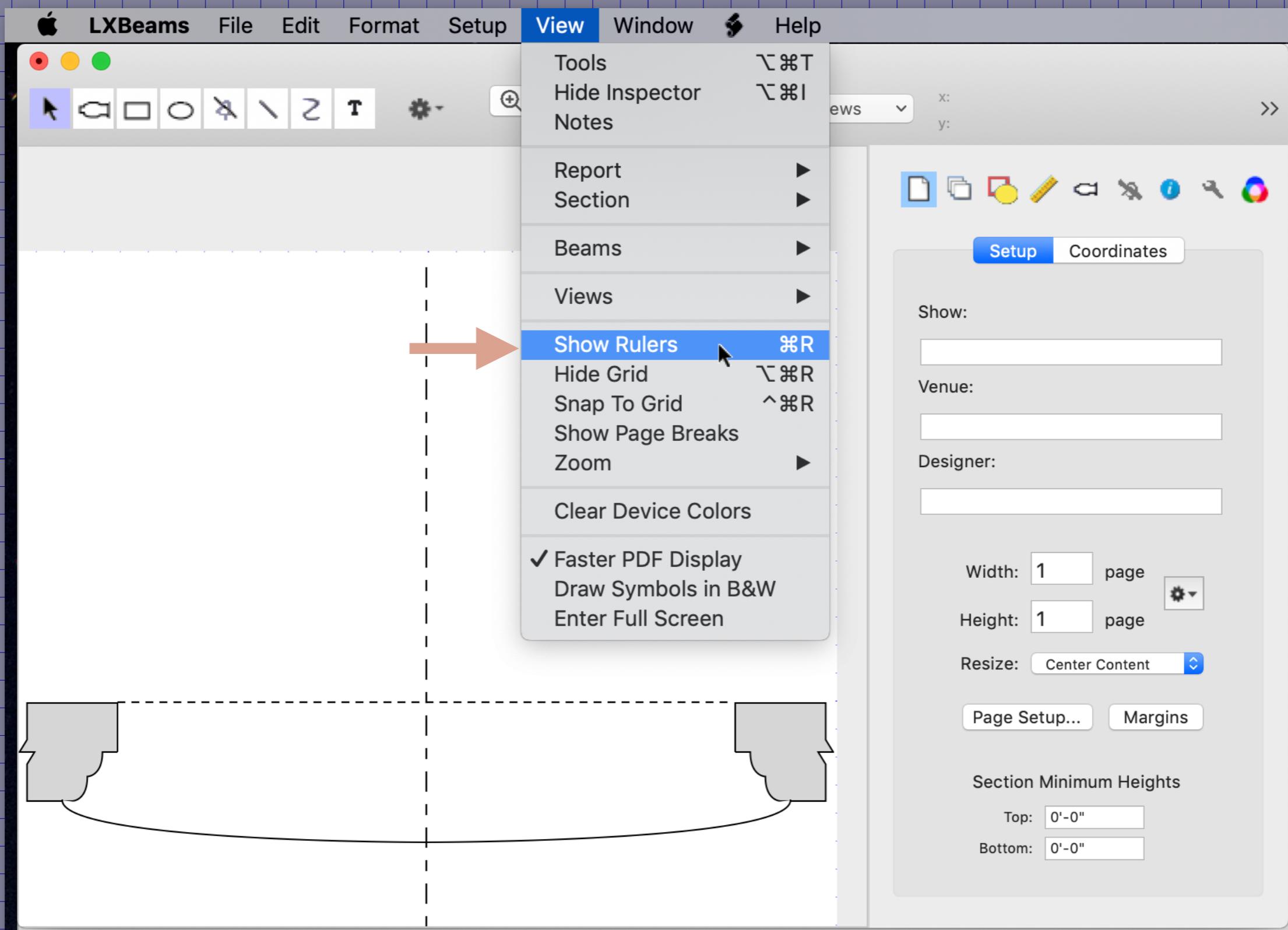
The arrow tool can then be used to set the origin of the drawing's coordinate system

When you select Next Click Sets->Origin,
the cursor changes to a cross.

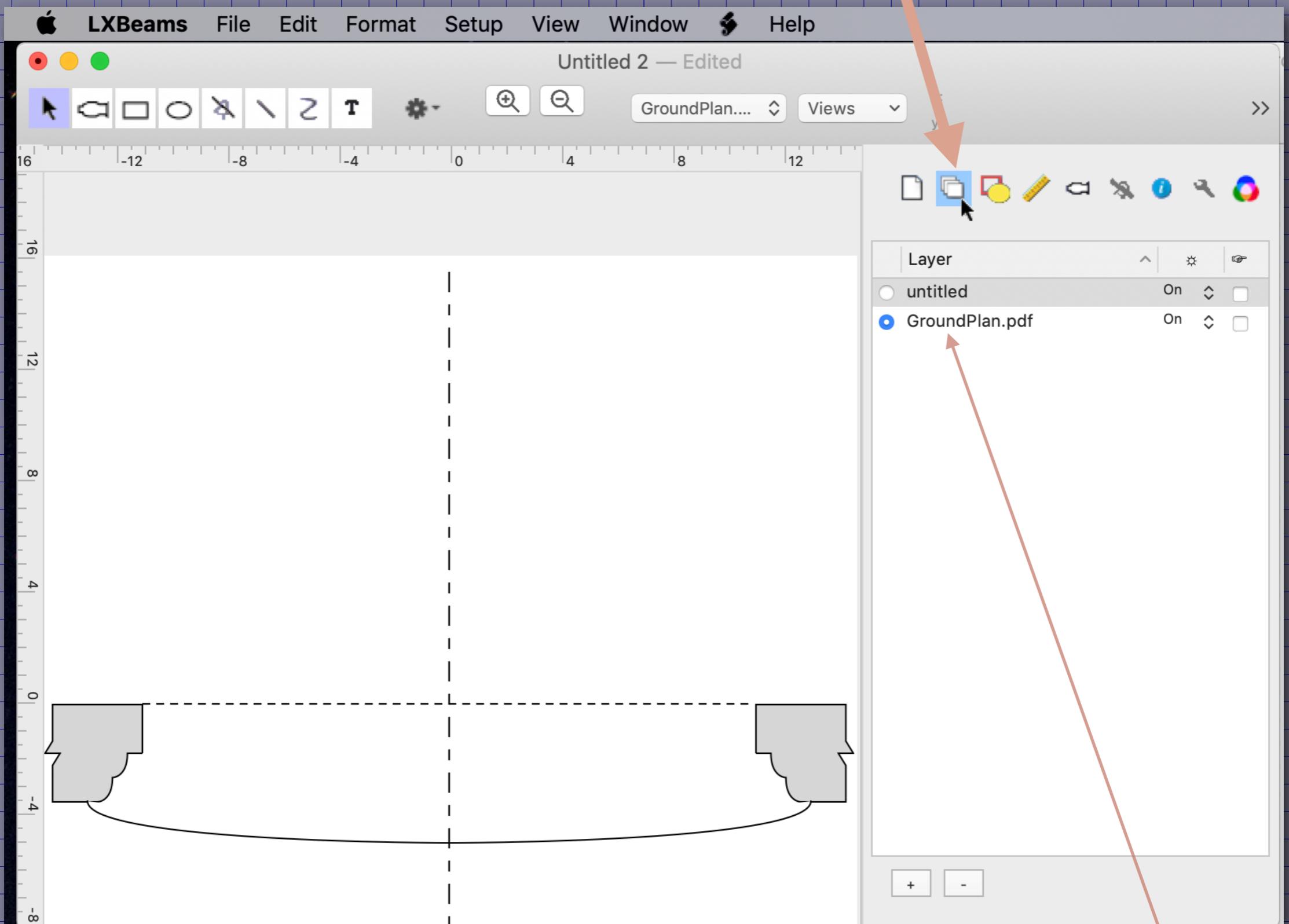


Position the cross cursor directly above the intersection of
the center and proscenium lines and click.

Select View→Show Rulers

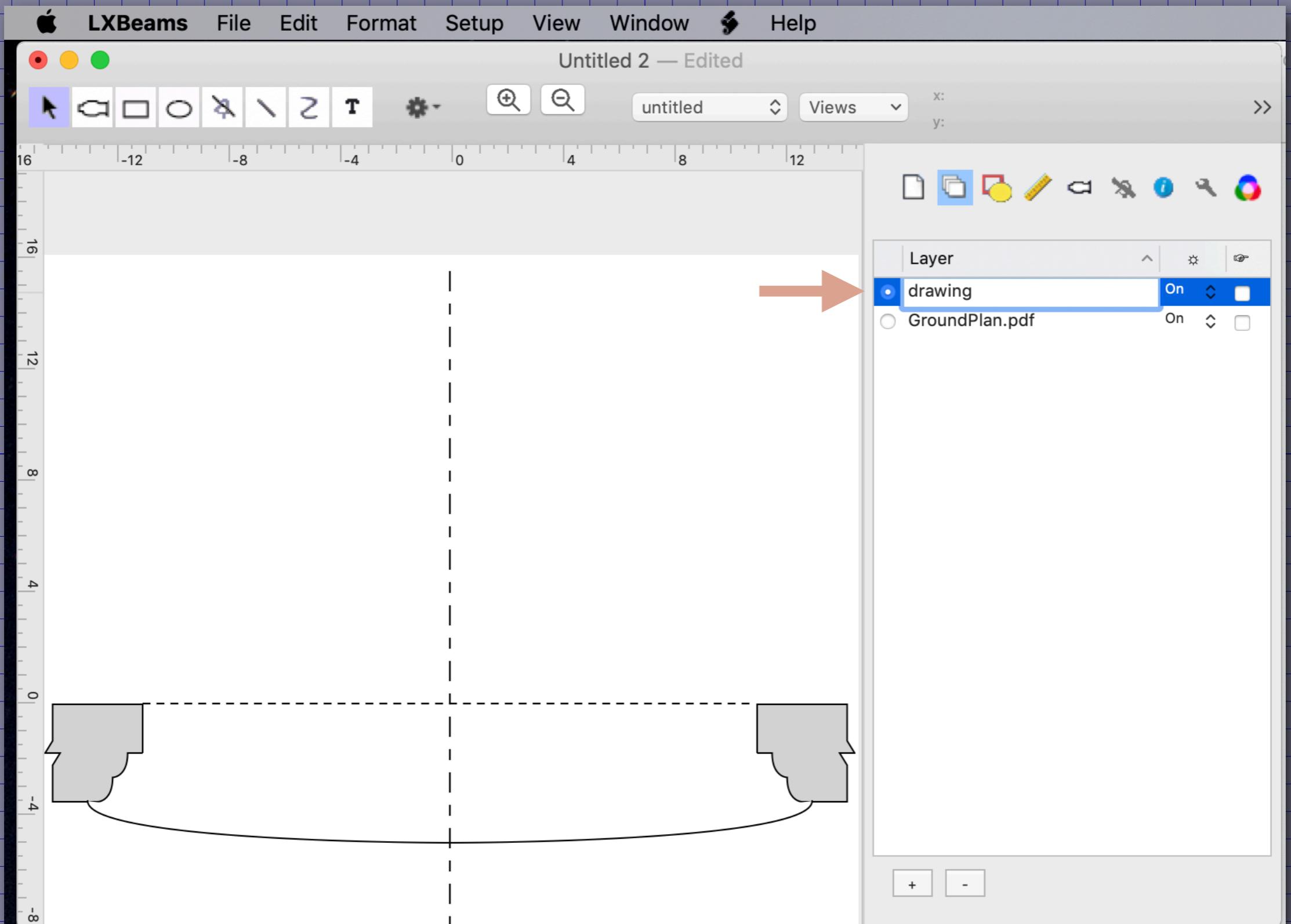


Select The Inspector's Layers tab by clicking the icon.



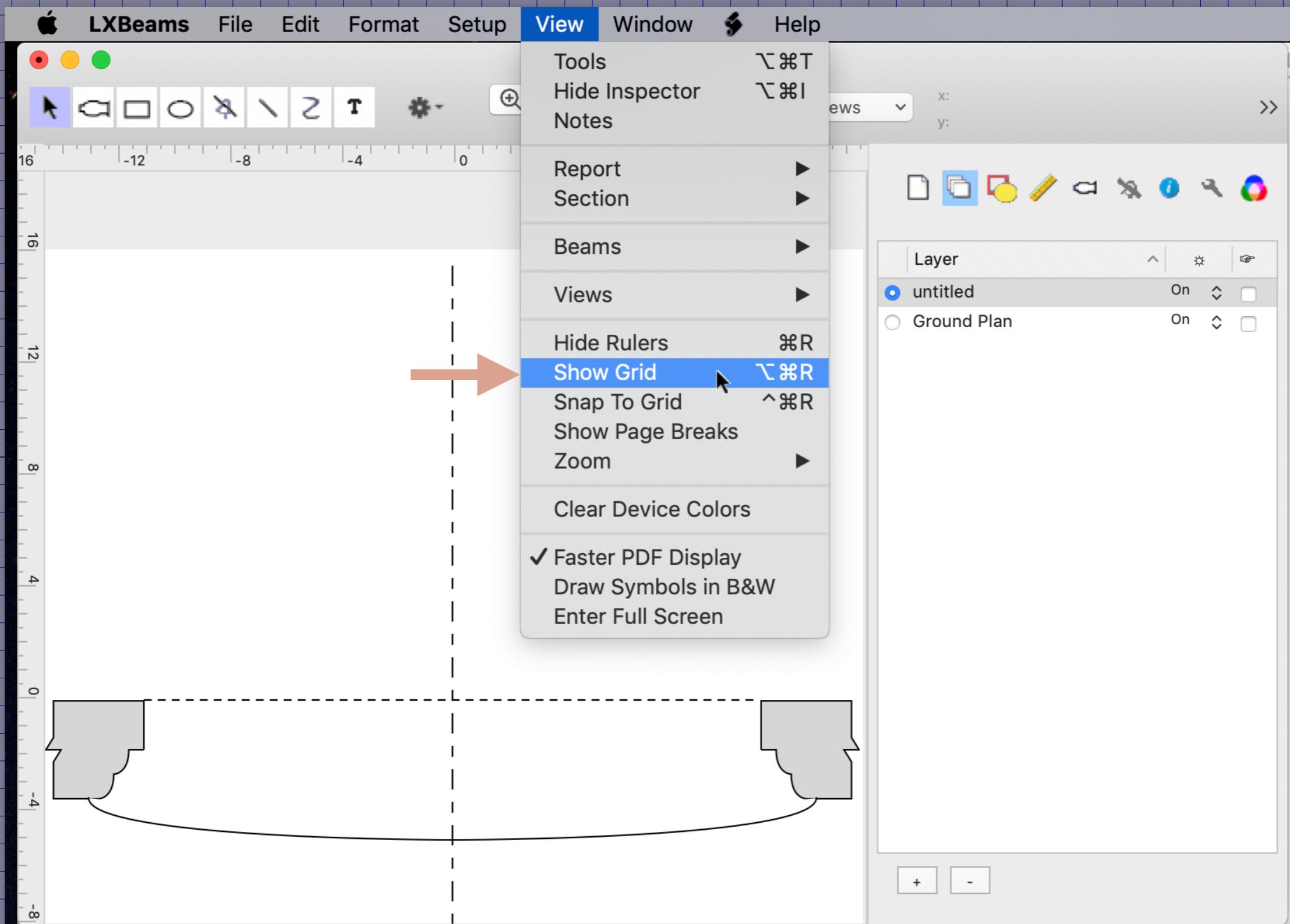
When starting with an empty plot, LXBeams creates a layer for an imported graphic.

Make the untitled layer current and re-name it.



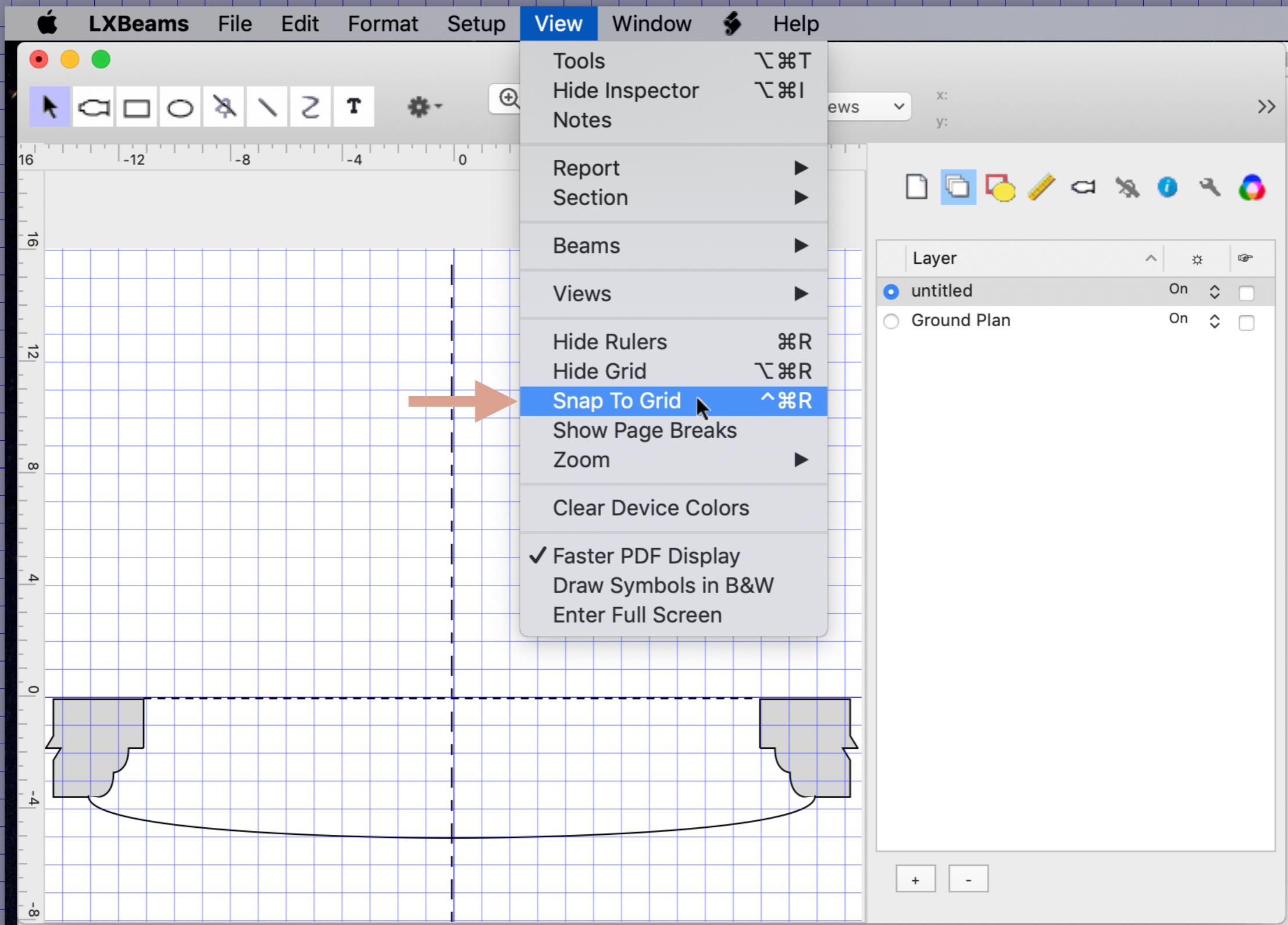
Drawing always happens in the current layer.

Select View→Show Grid.



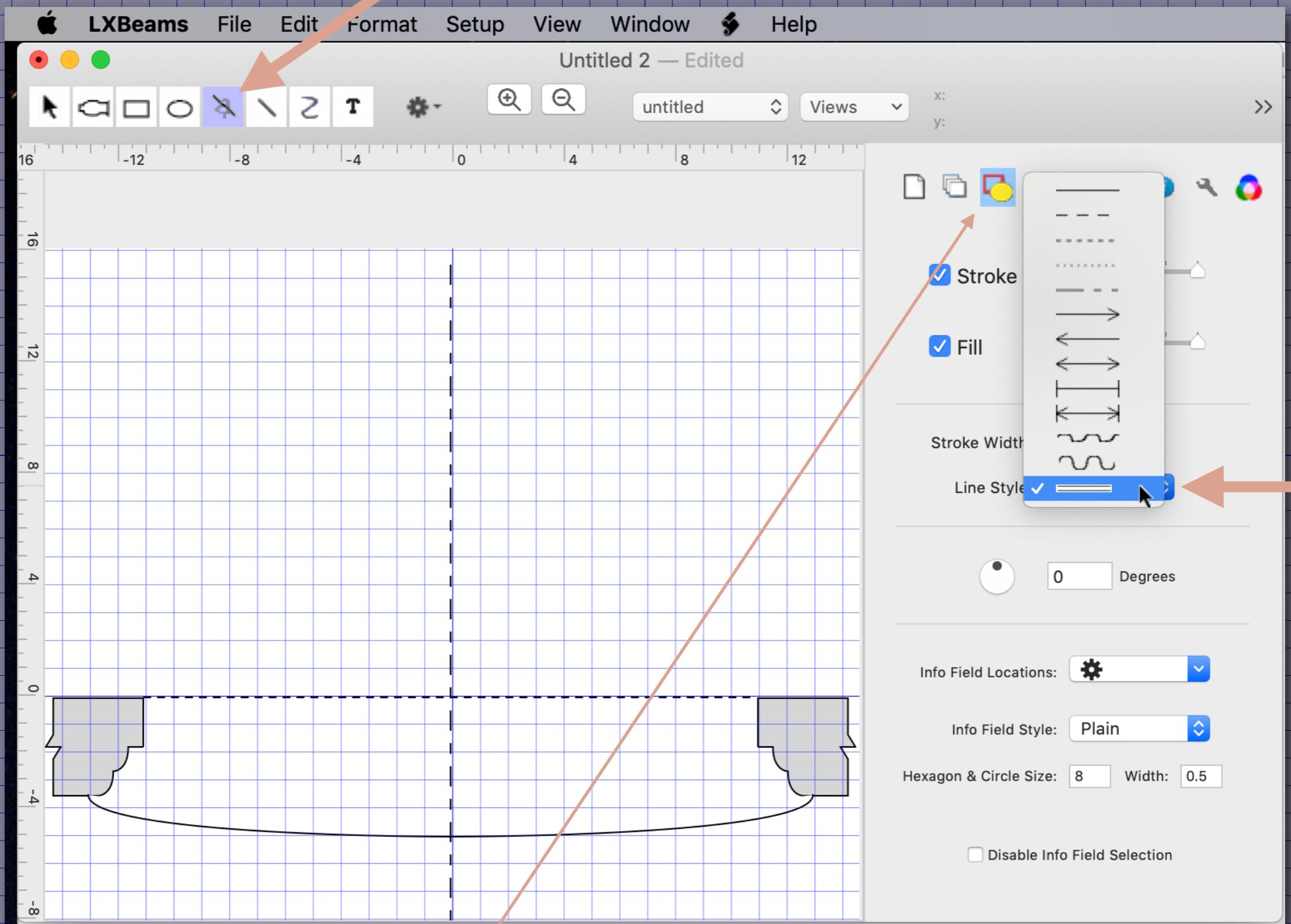
The grid is displayed in the current layer.

Select View→Snap to Grid.



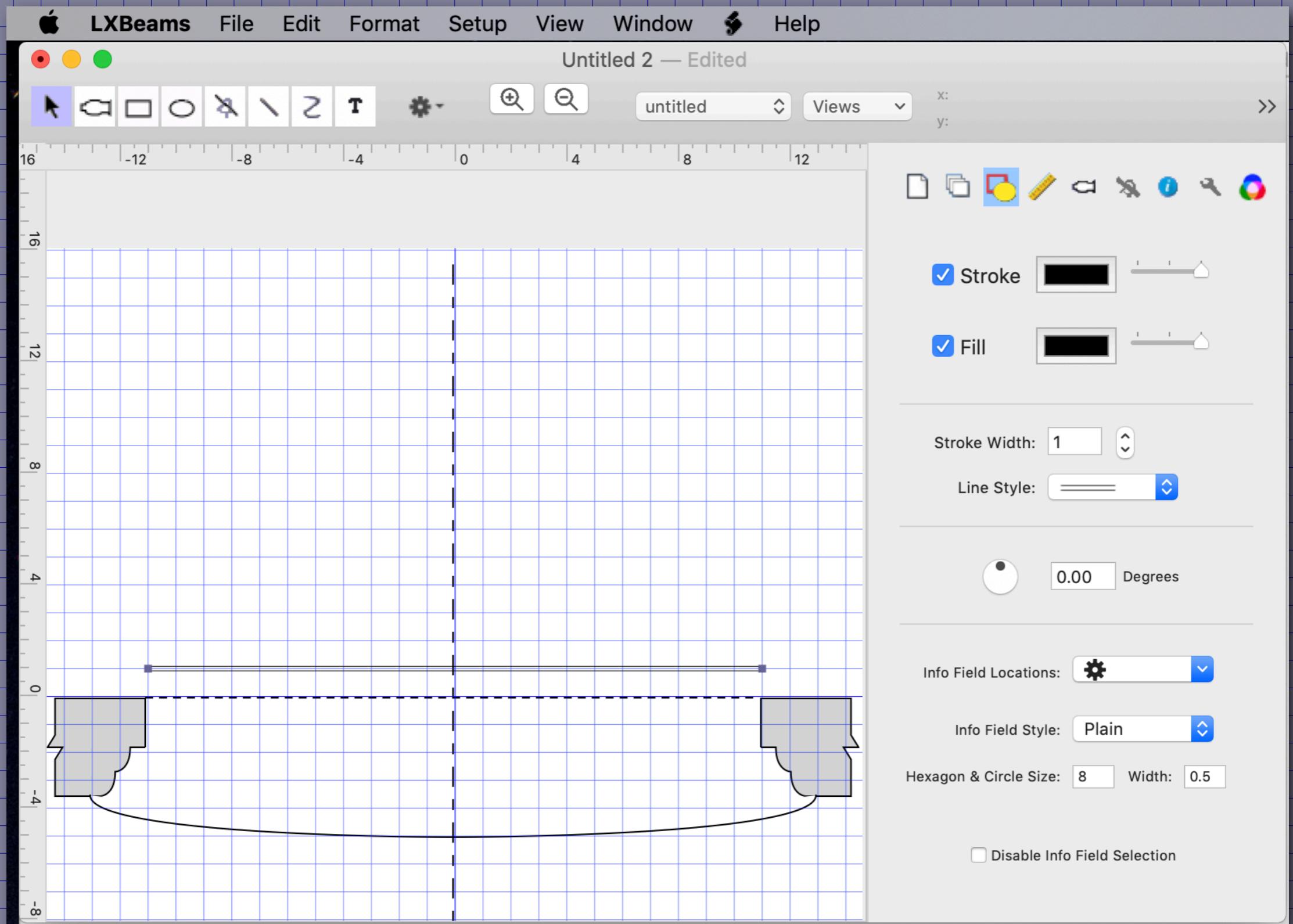
When enabled, snap to grid helps layout.

Select the position tool.



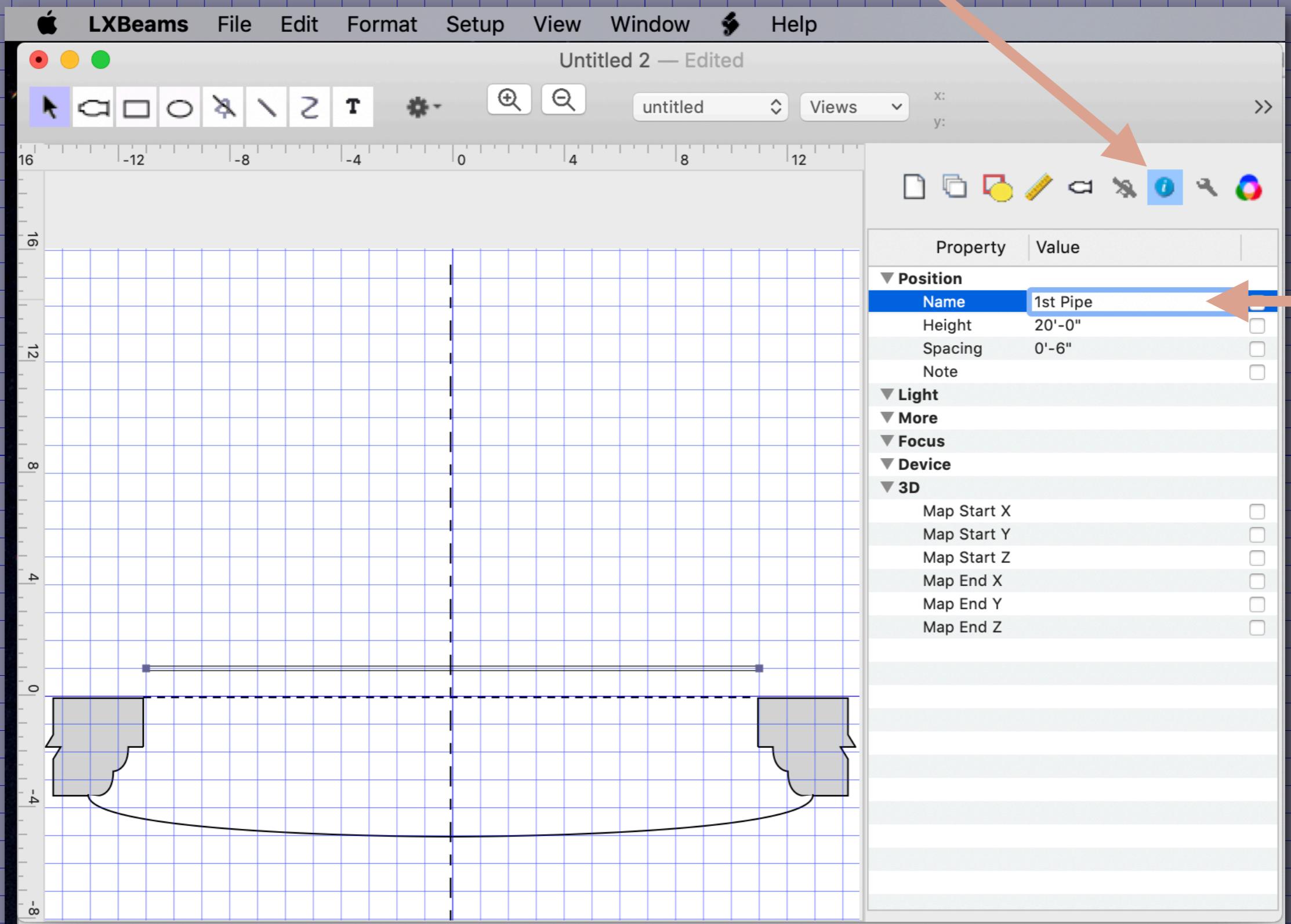
Switch to the Drawing tab and select a double line style.

Draw a position line by click, drag, and release.



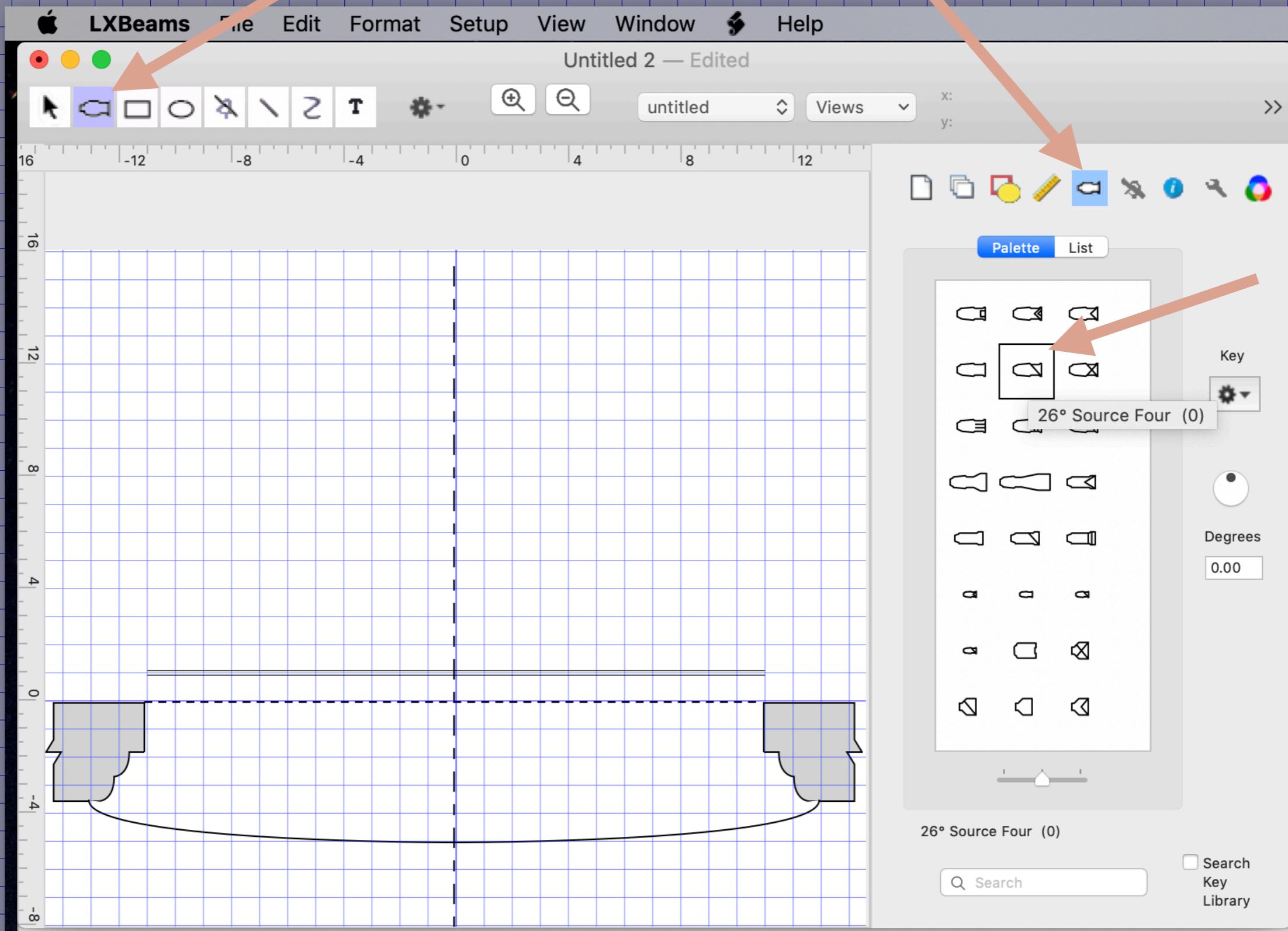
Hold the button down while dragging.
Draw the position just upstage of the proscenium.

Switch to the Inspector's Info tab.



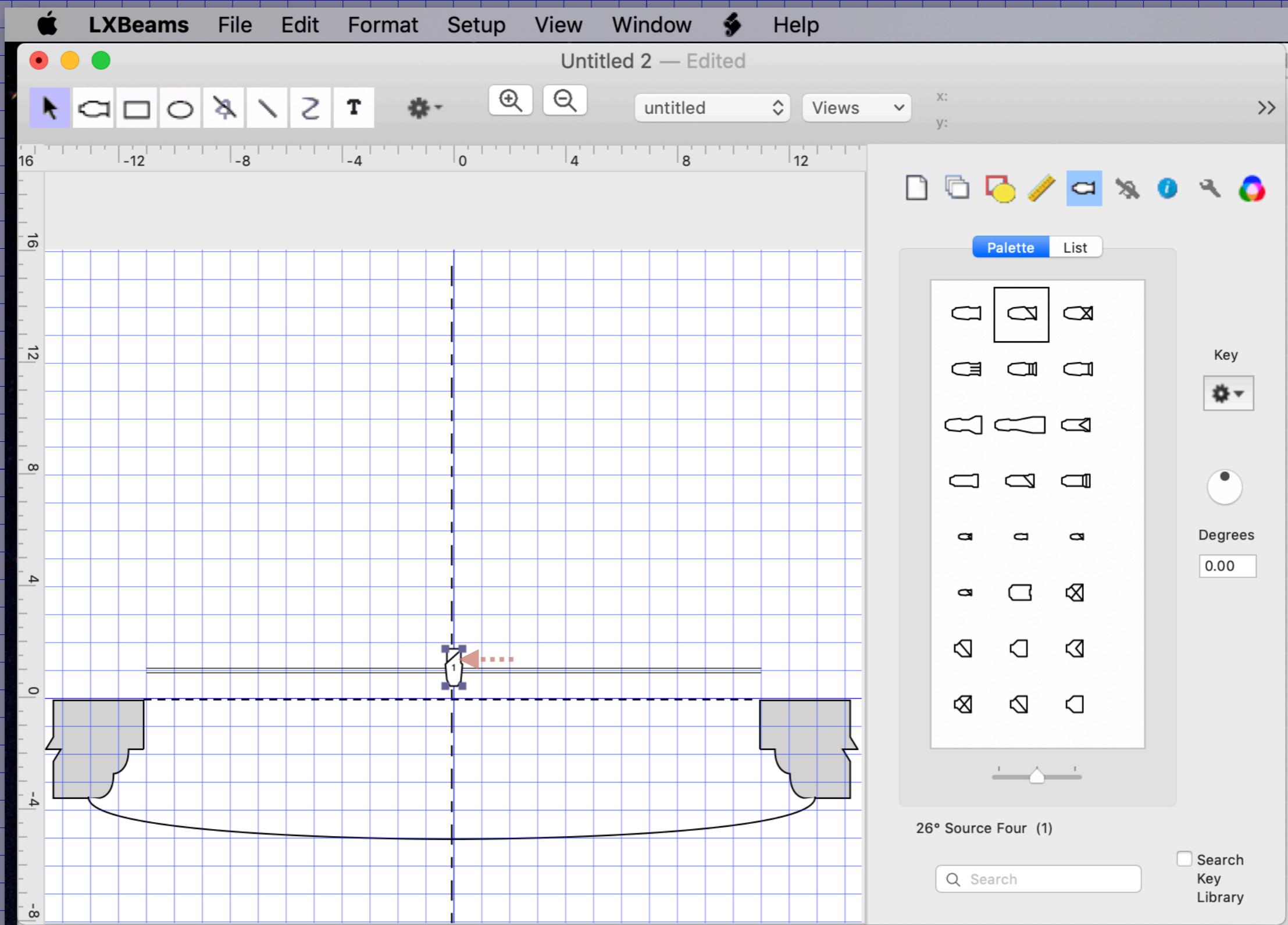
Give the position a name by double-clicking in the table's Value column.

Select the Light tool and the Inspector's Symbols tab.



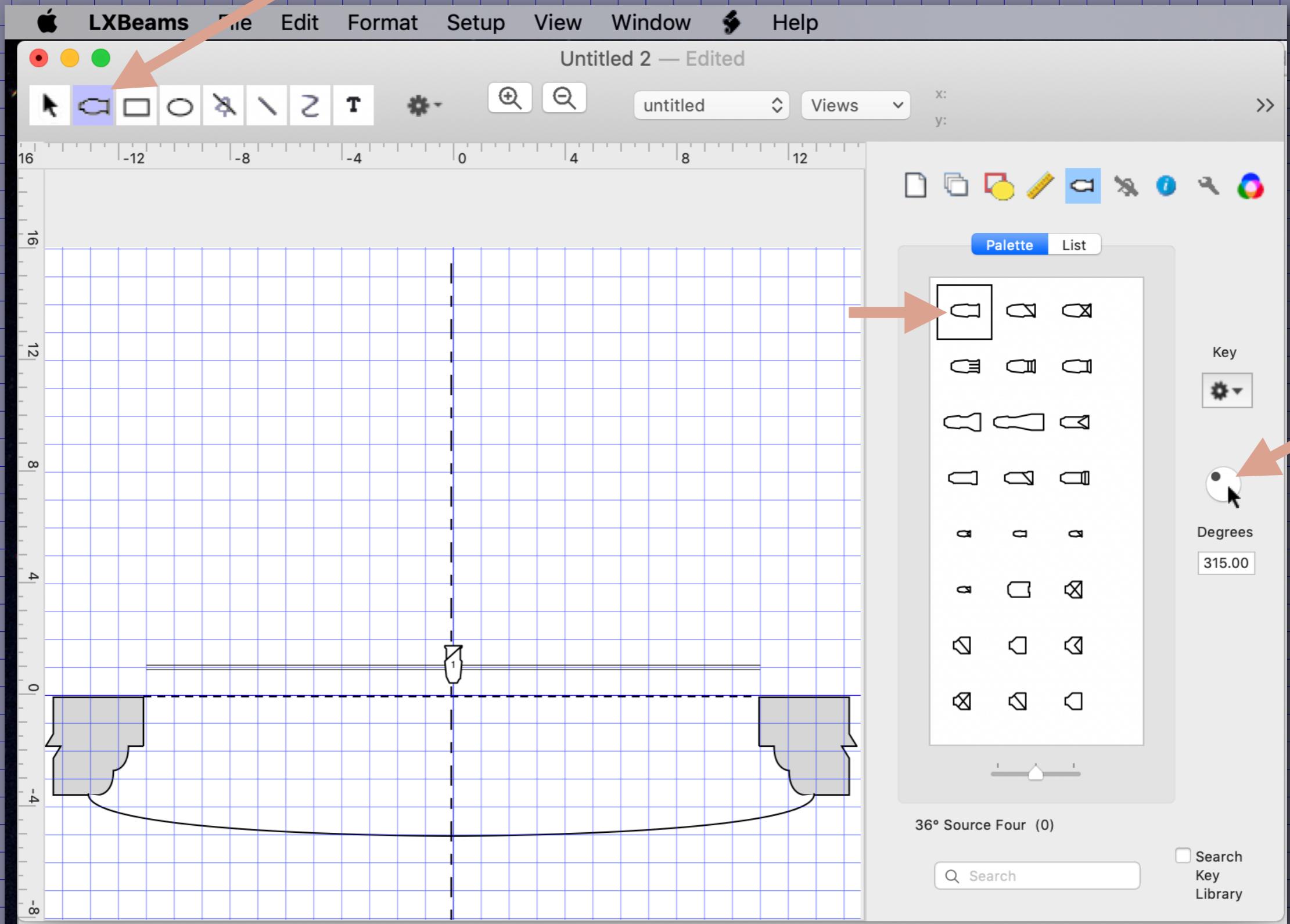
Use the symbols palette to select a symbol to draw.

Click near the center of the position.



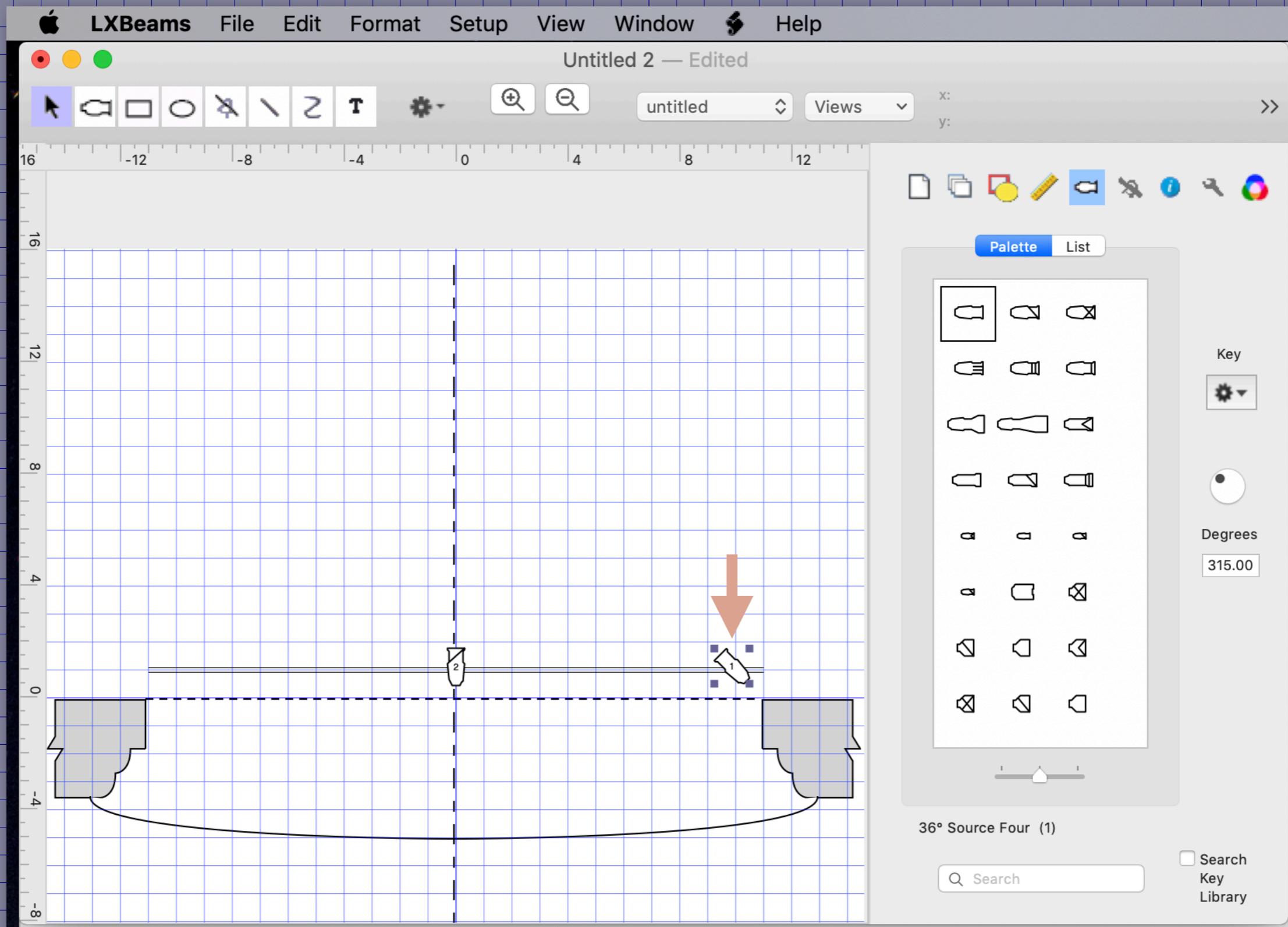
Drag the light into place (it should “snap” to the position).

Select the Light tool again.

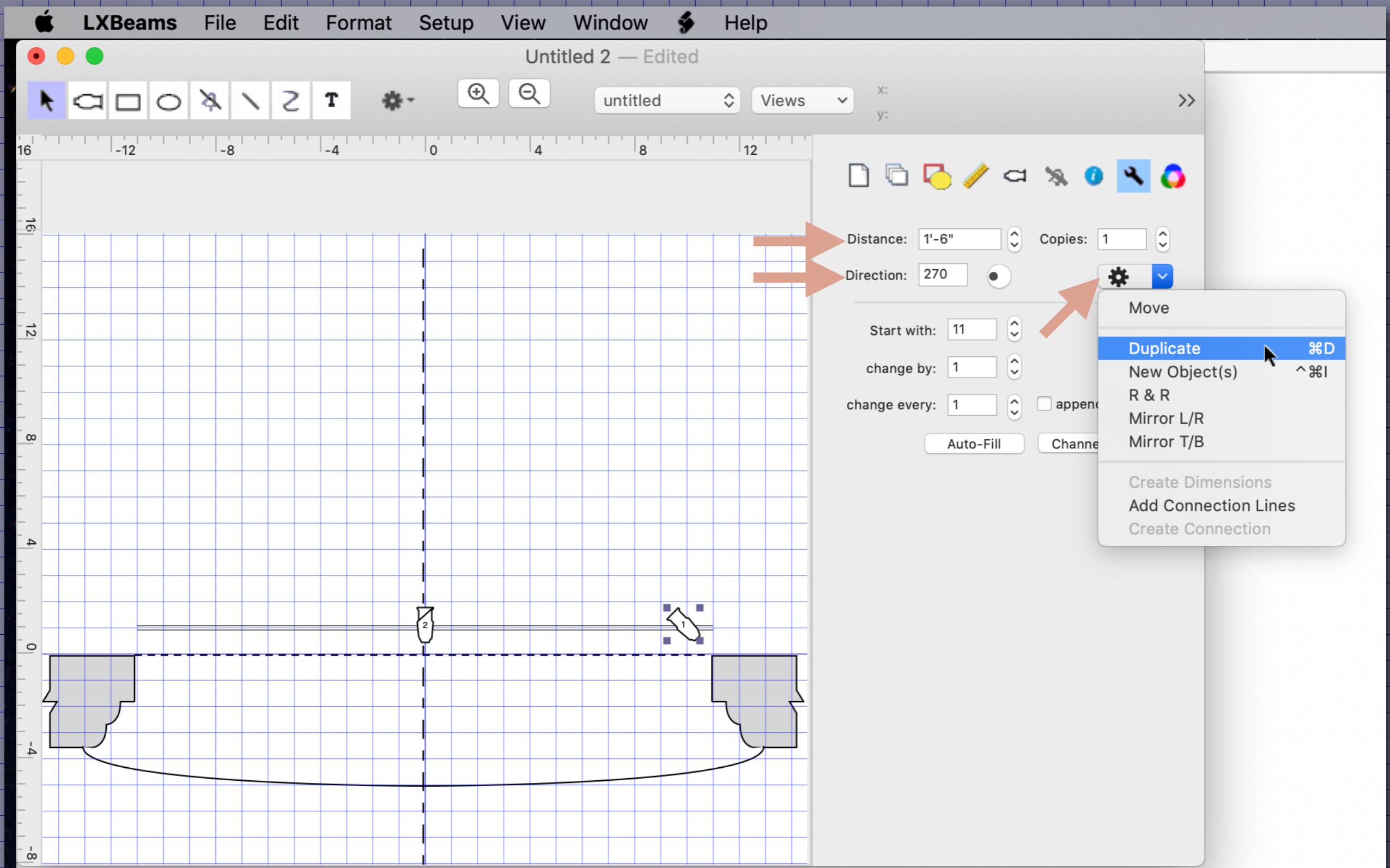


Change to a different symbol. Also change the direction the symbol will be pointing.

Draw another light near the end of the position.

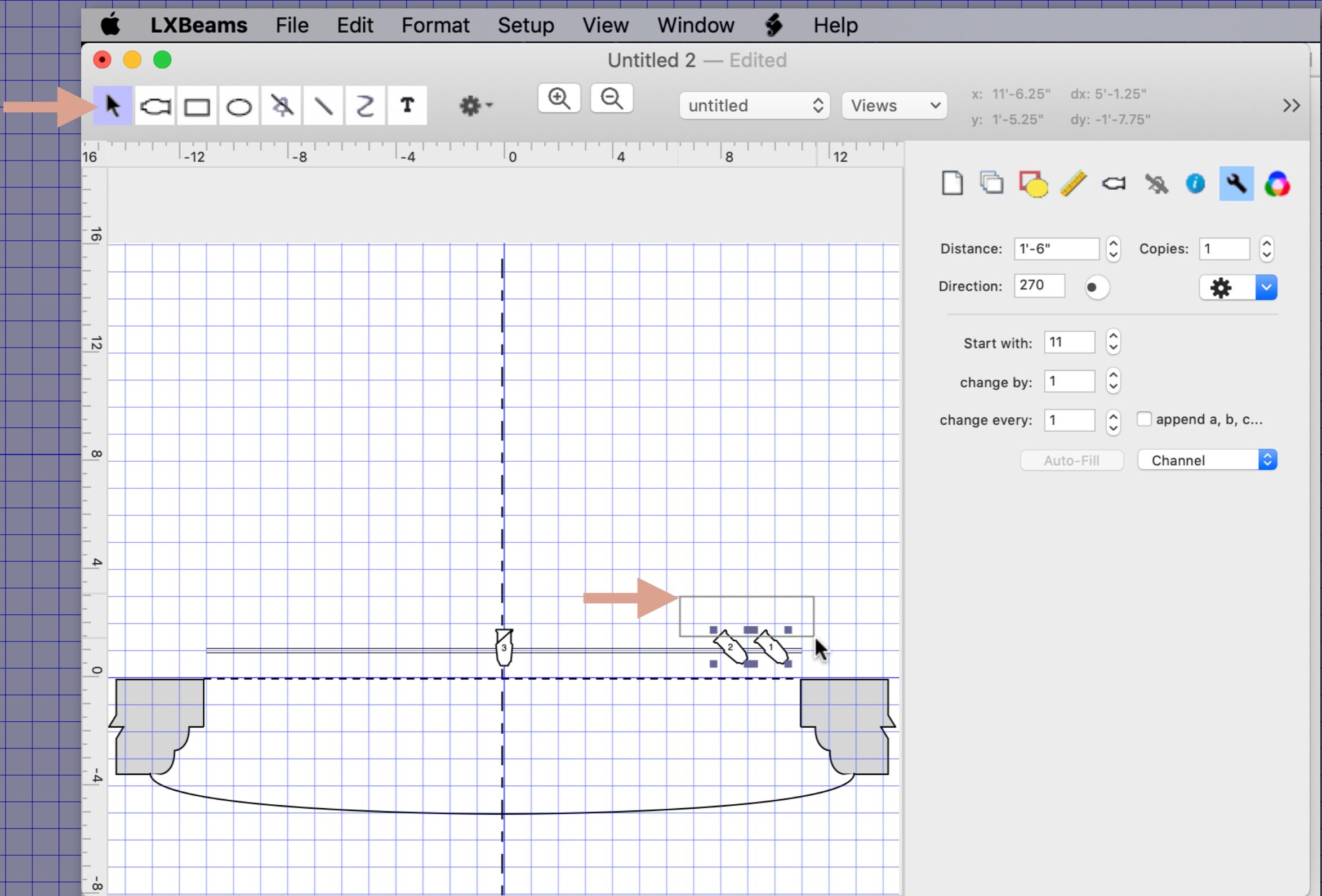


Switch to the Inspector's Tools tab.

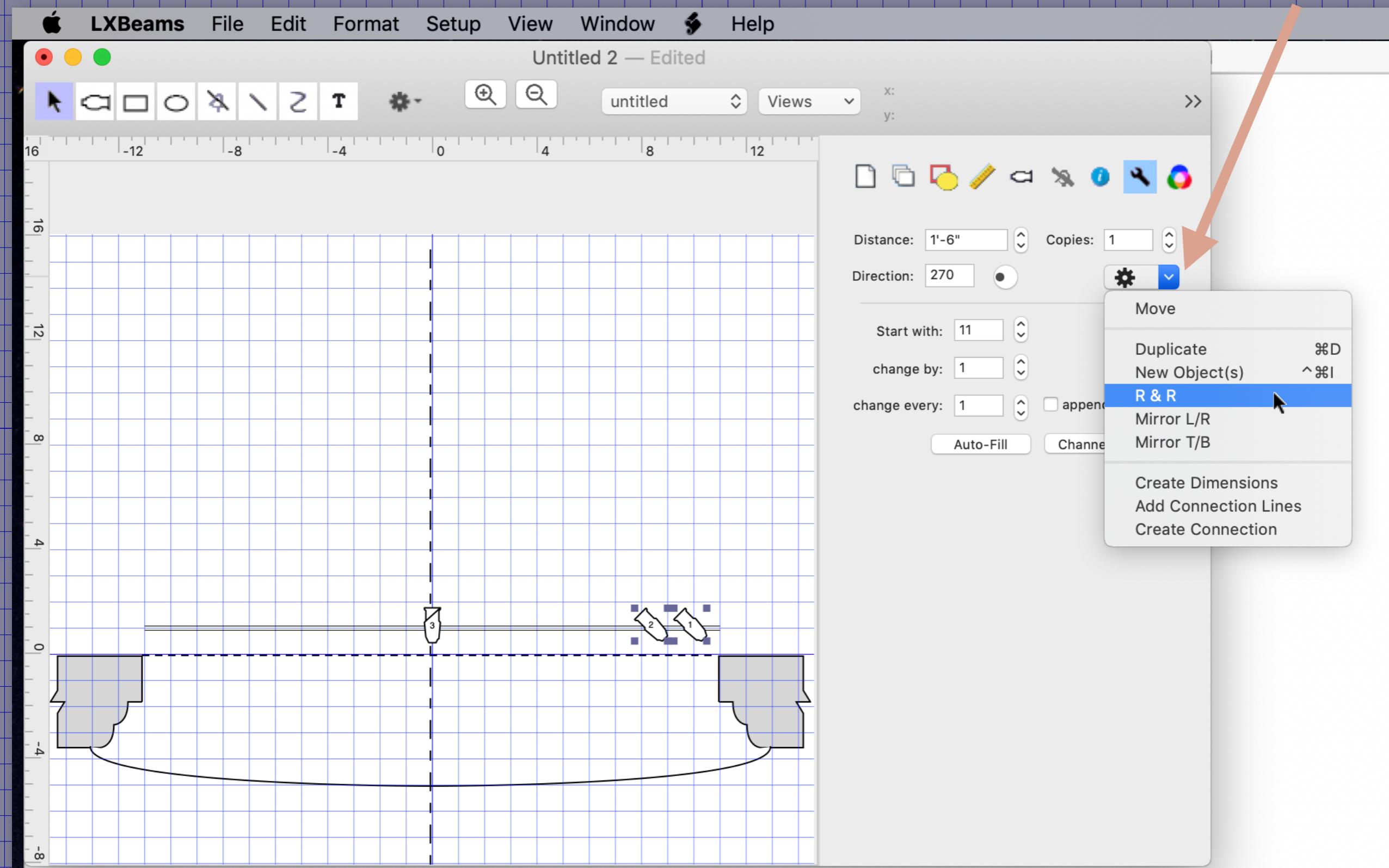


Check the distance and direction and then select Duplicate from the popup menu.

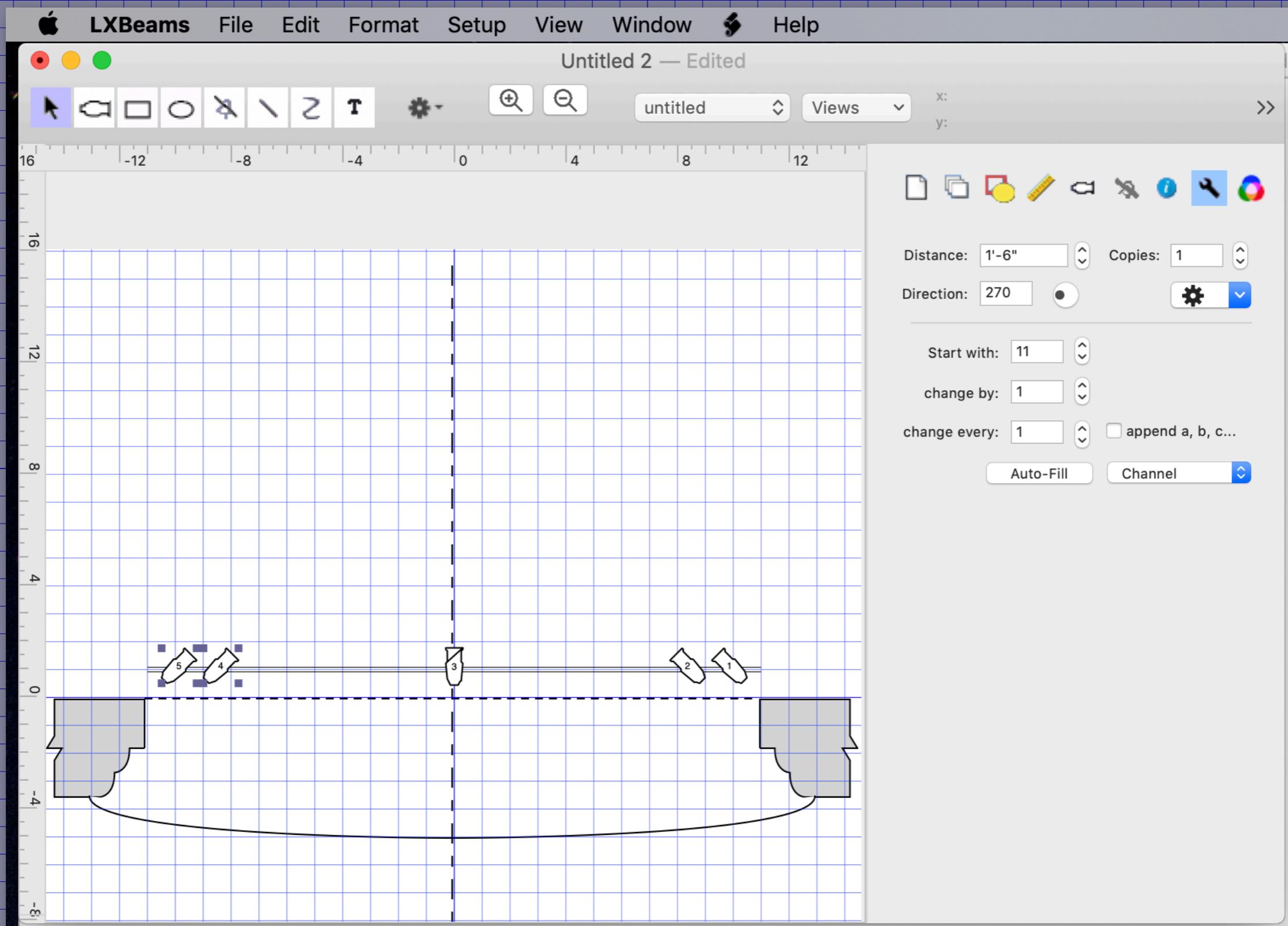
Drag the selection tool to select both lights.



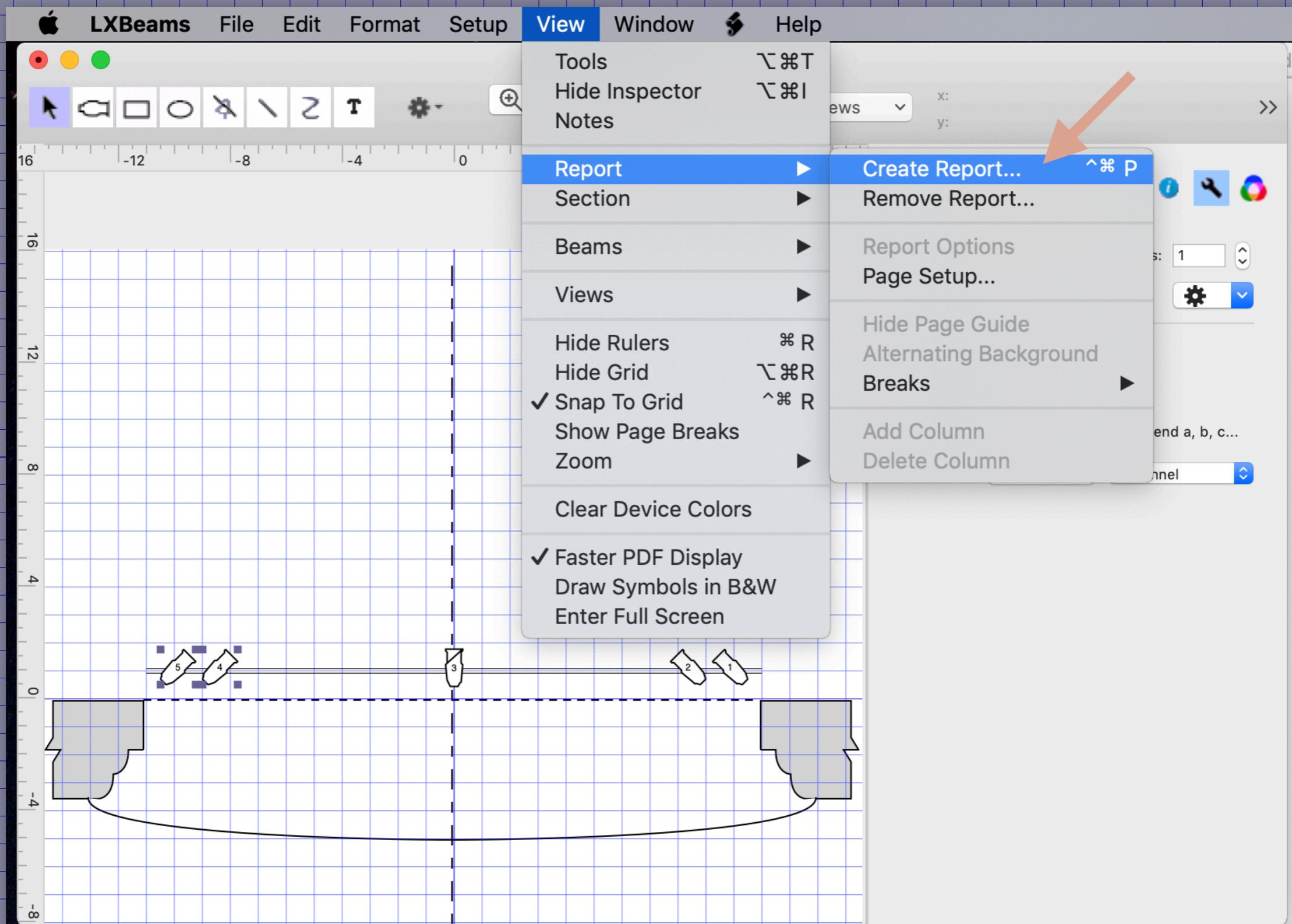
Select Reverse and Repeat (R & R) from the Tools Popup.



You should have mirrored symbols at the other side of center.

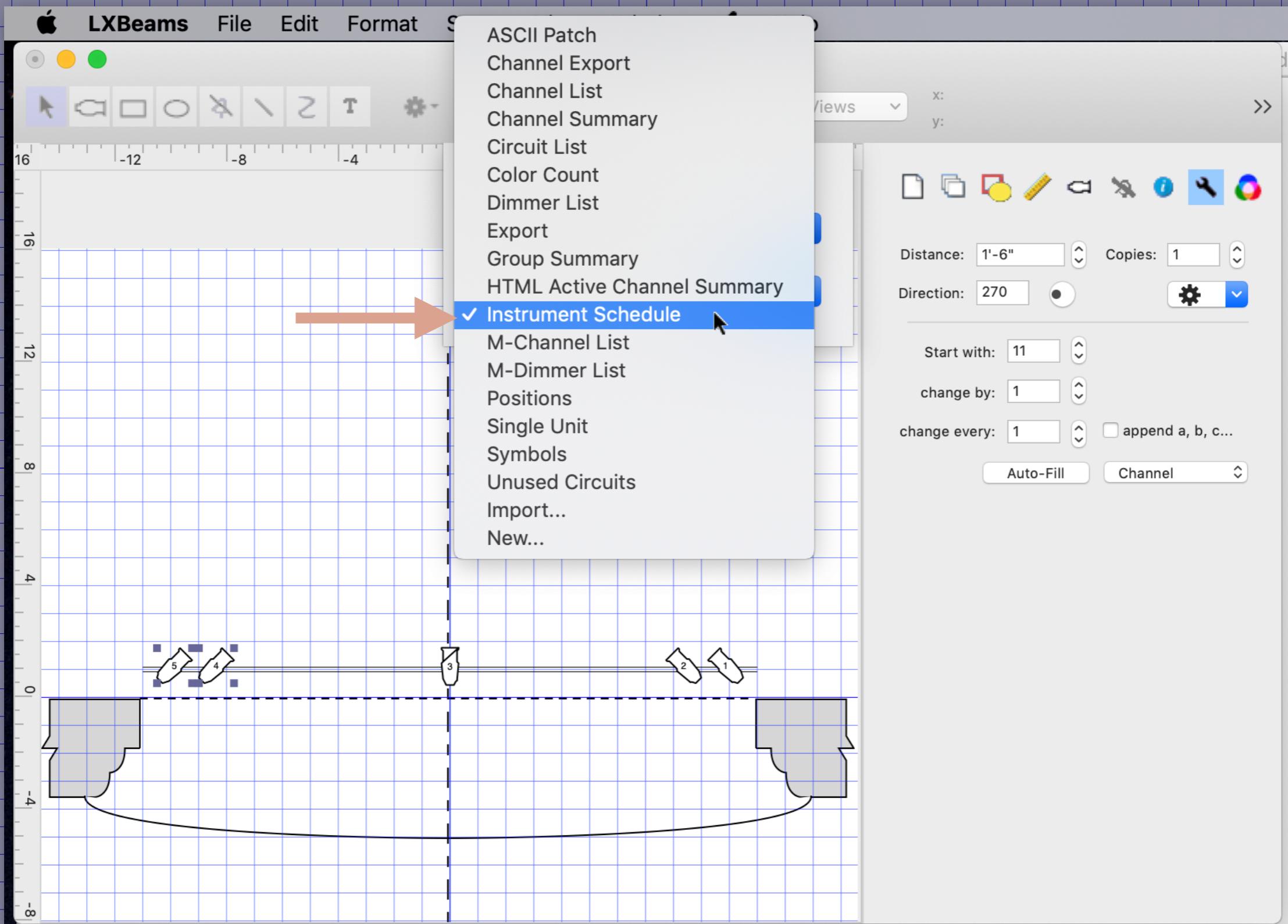


Now that there is a simple plot, let's look at some paperwork.

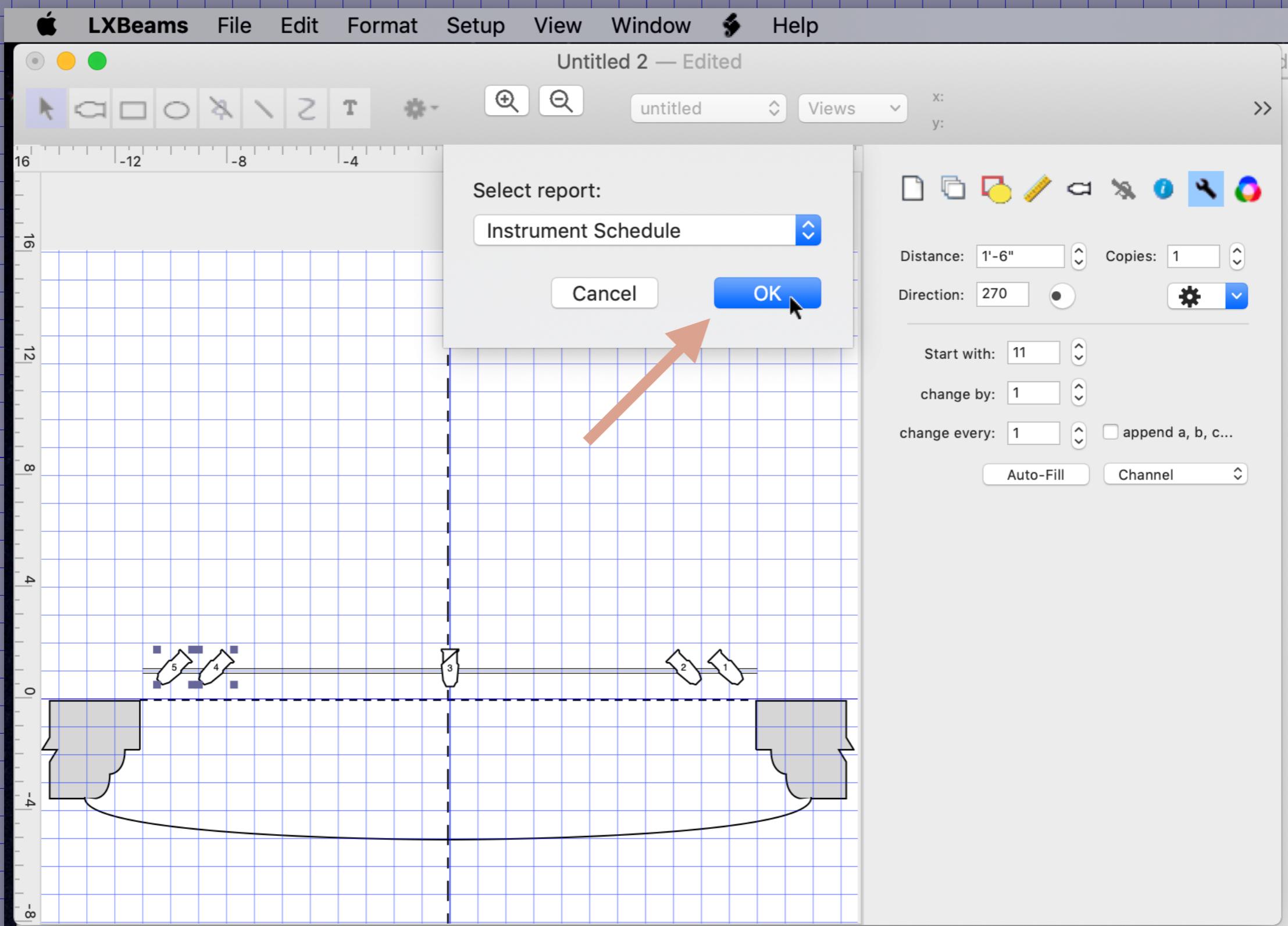


Choose View→Report→Create Report...

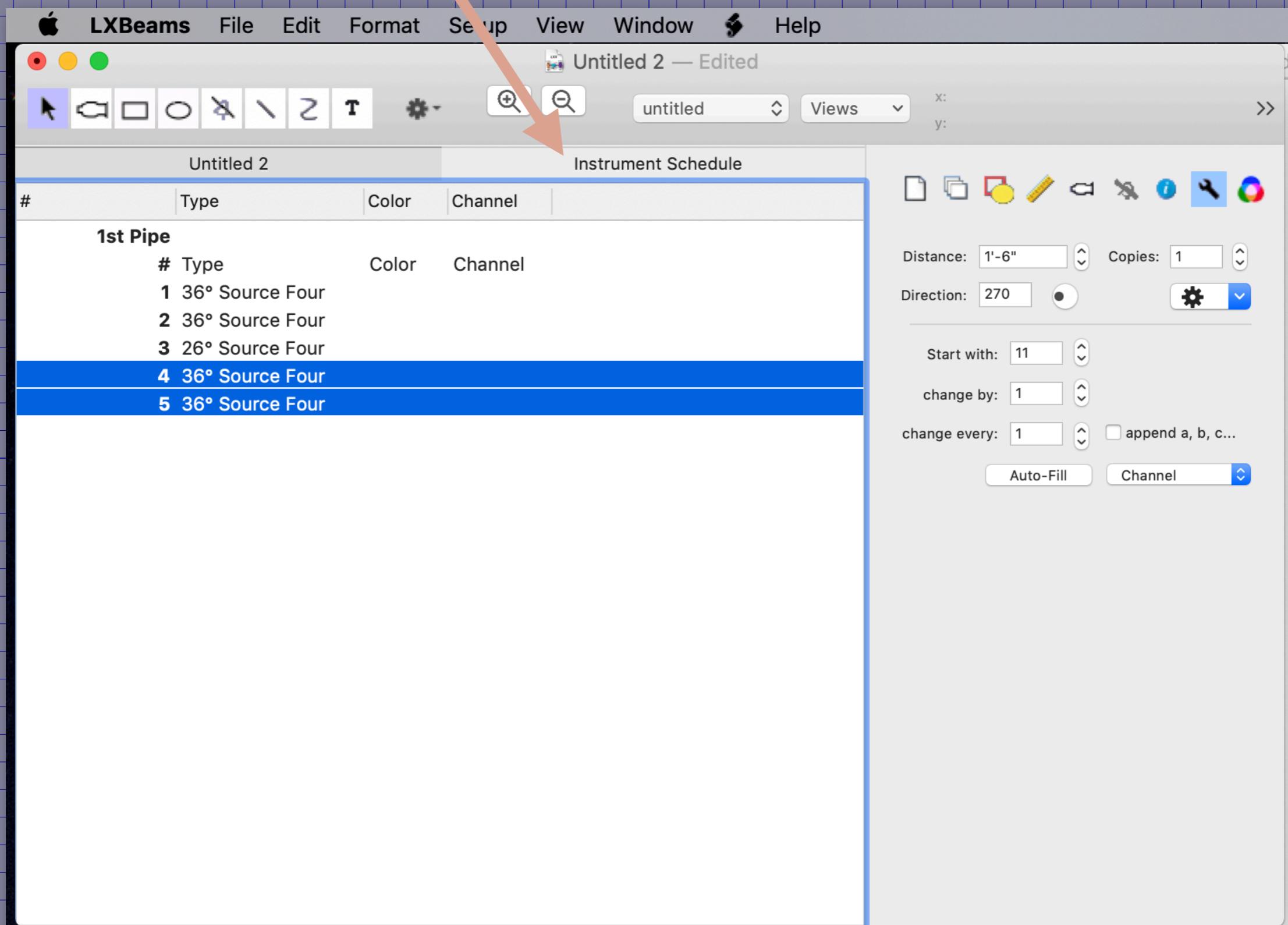
From the report choices, select Instrument Schedule.



Then, click OK.

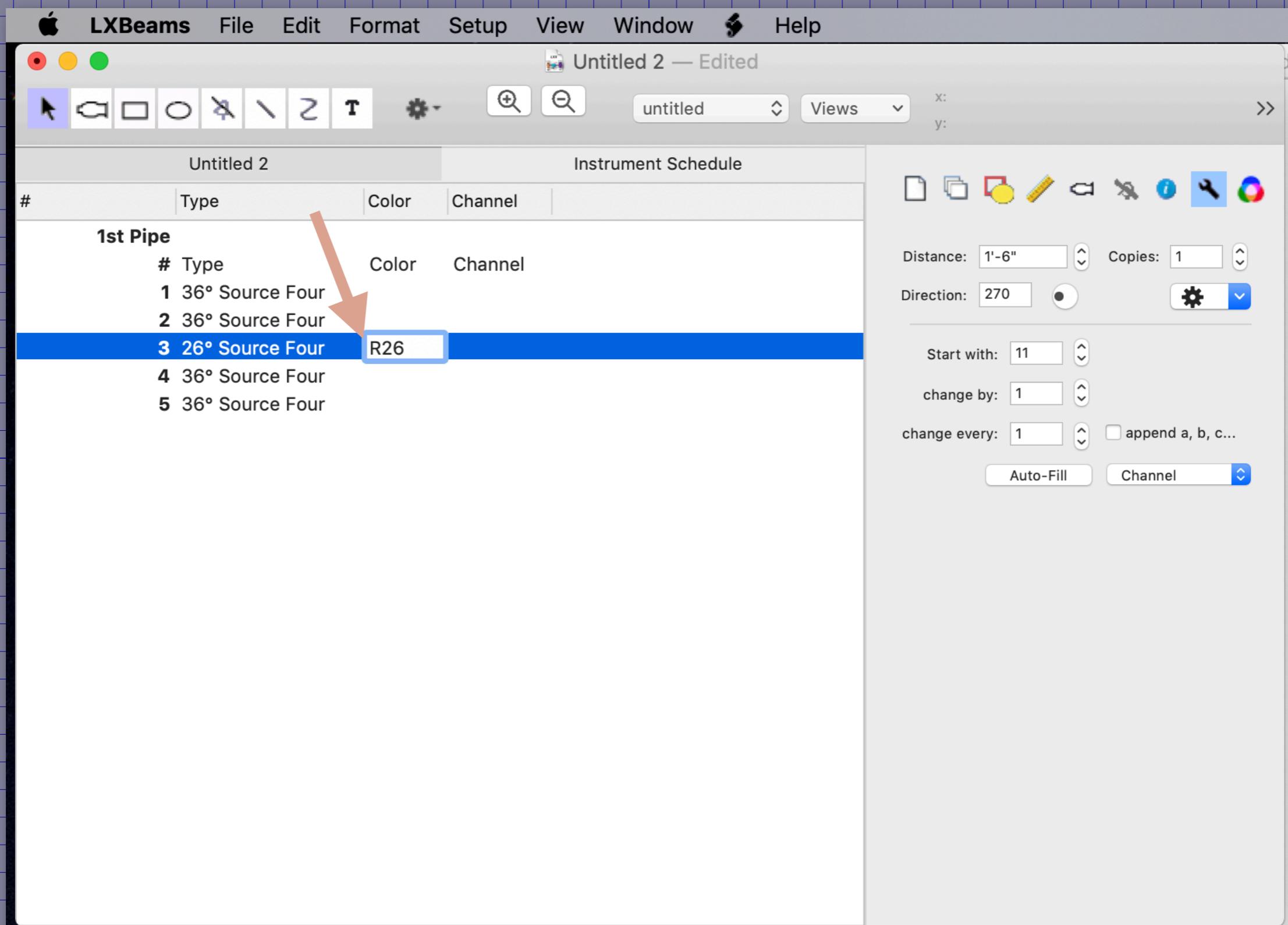


This creates a new tab containing the Instrument Schedule.



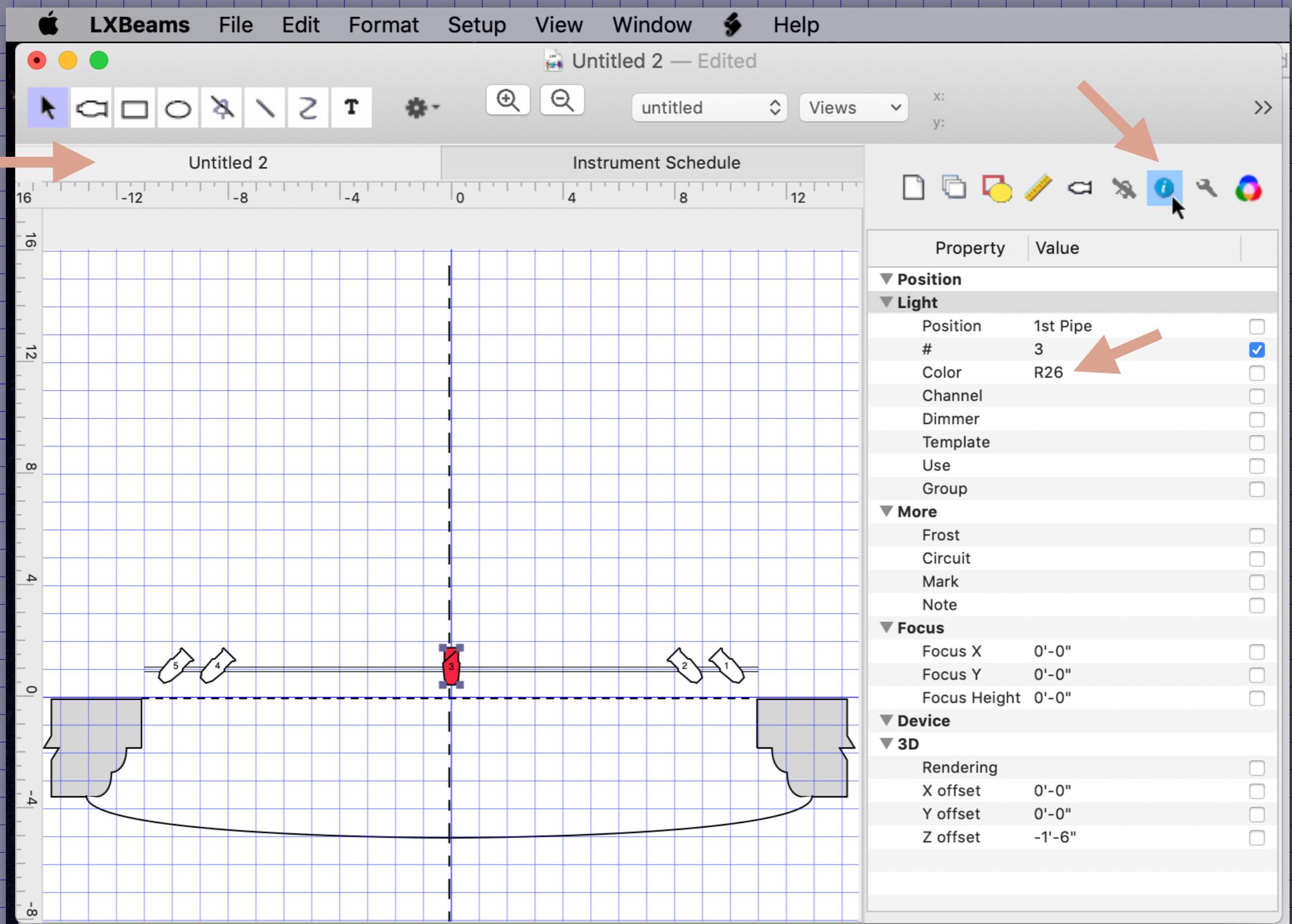
Notice that the two selected lights are selected in the report.

Double-click the cell to edit the center light's color.



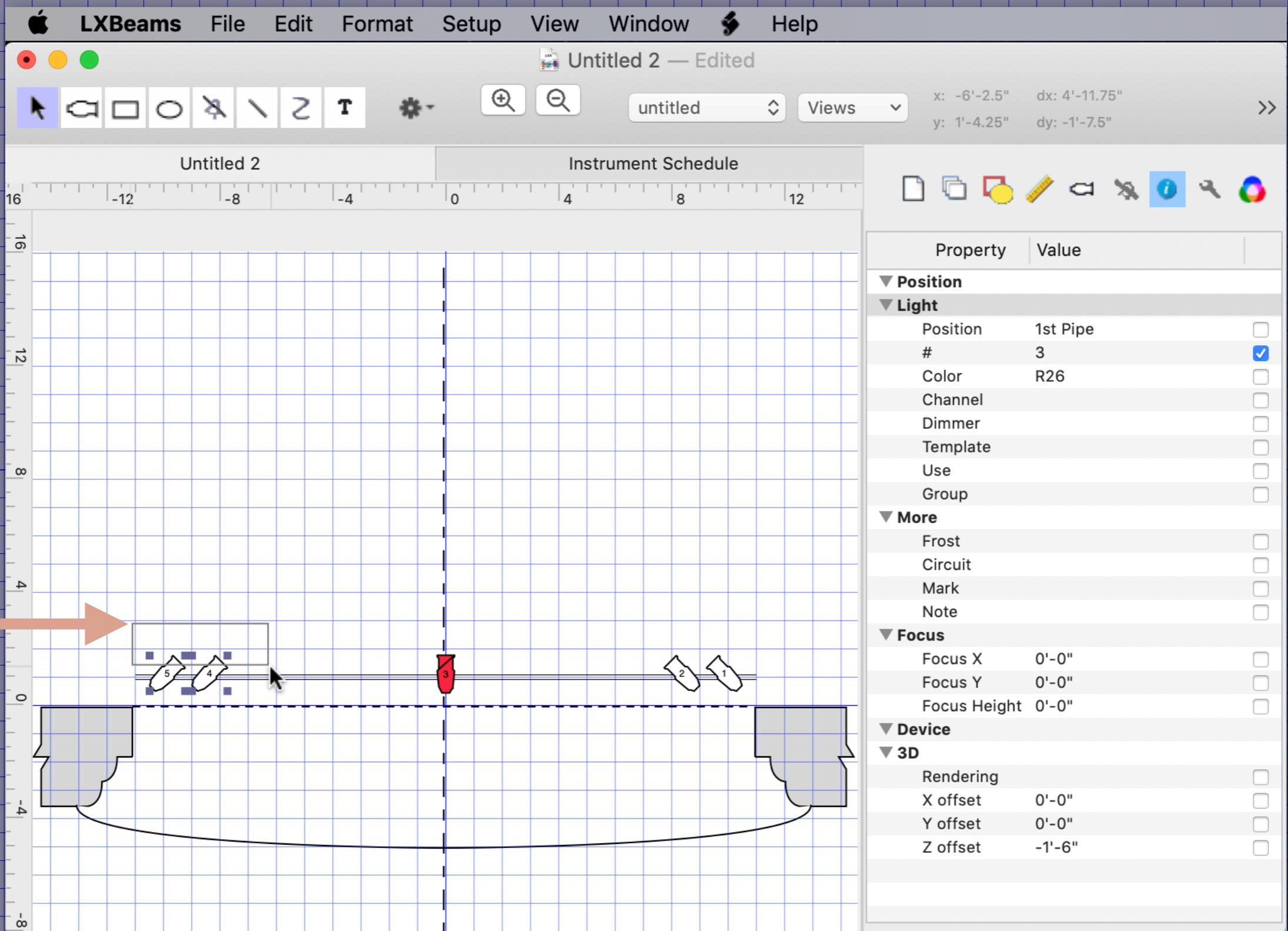
Enter capital 'R' and 26 for Roscolux #26.

Switch back to the main drawing by clicking the tab header. Select the Inspector's Info tab

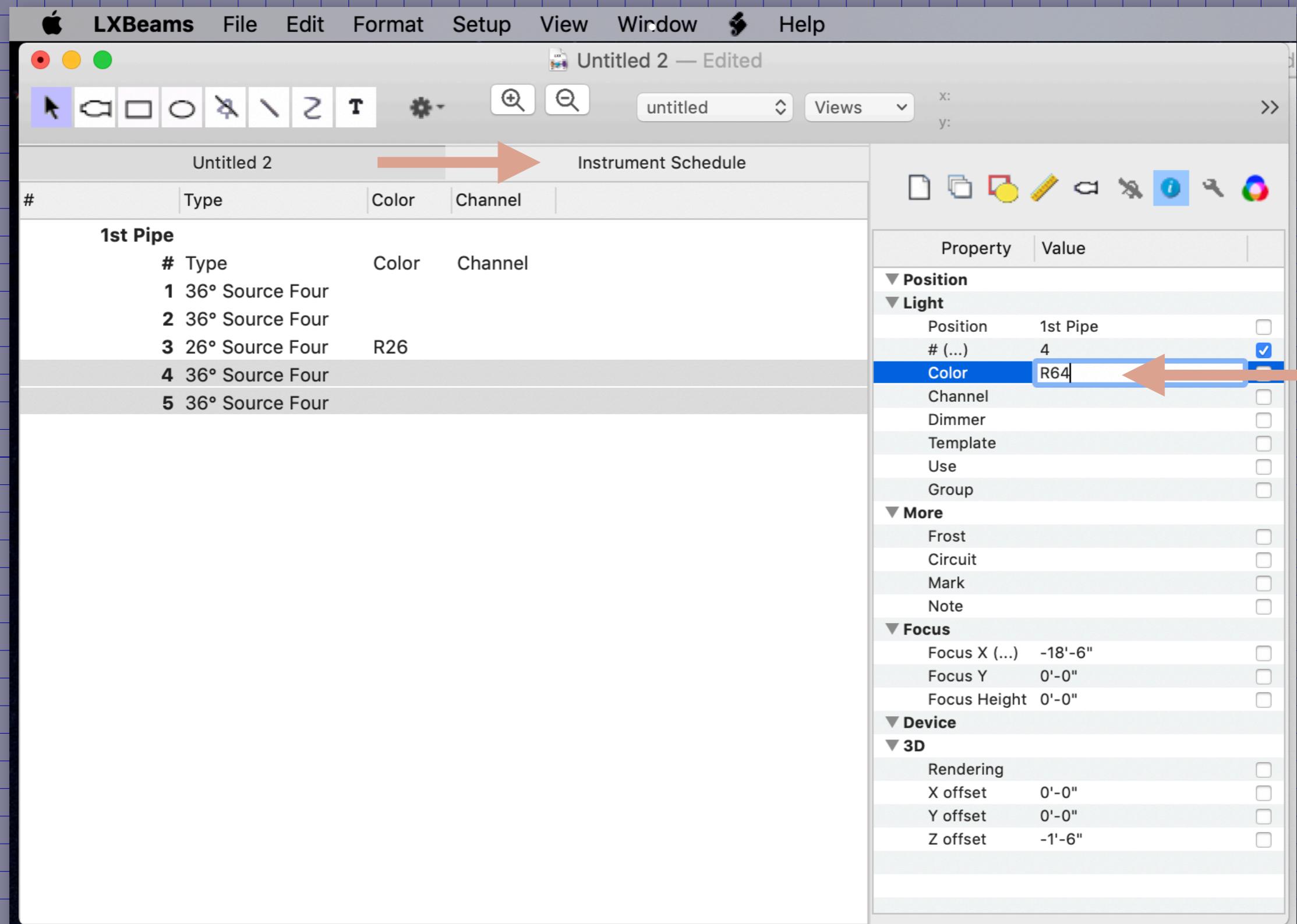


The light changed its fill color because LXBeams looked up 'R26' in its color library.

Drag the selection tool to select the two lights on stage right.

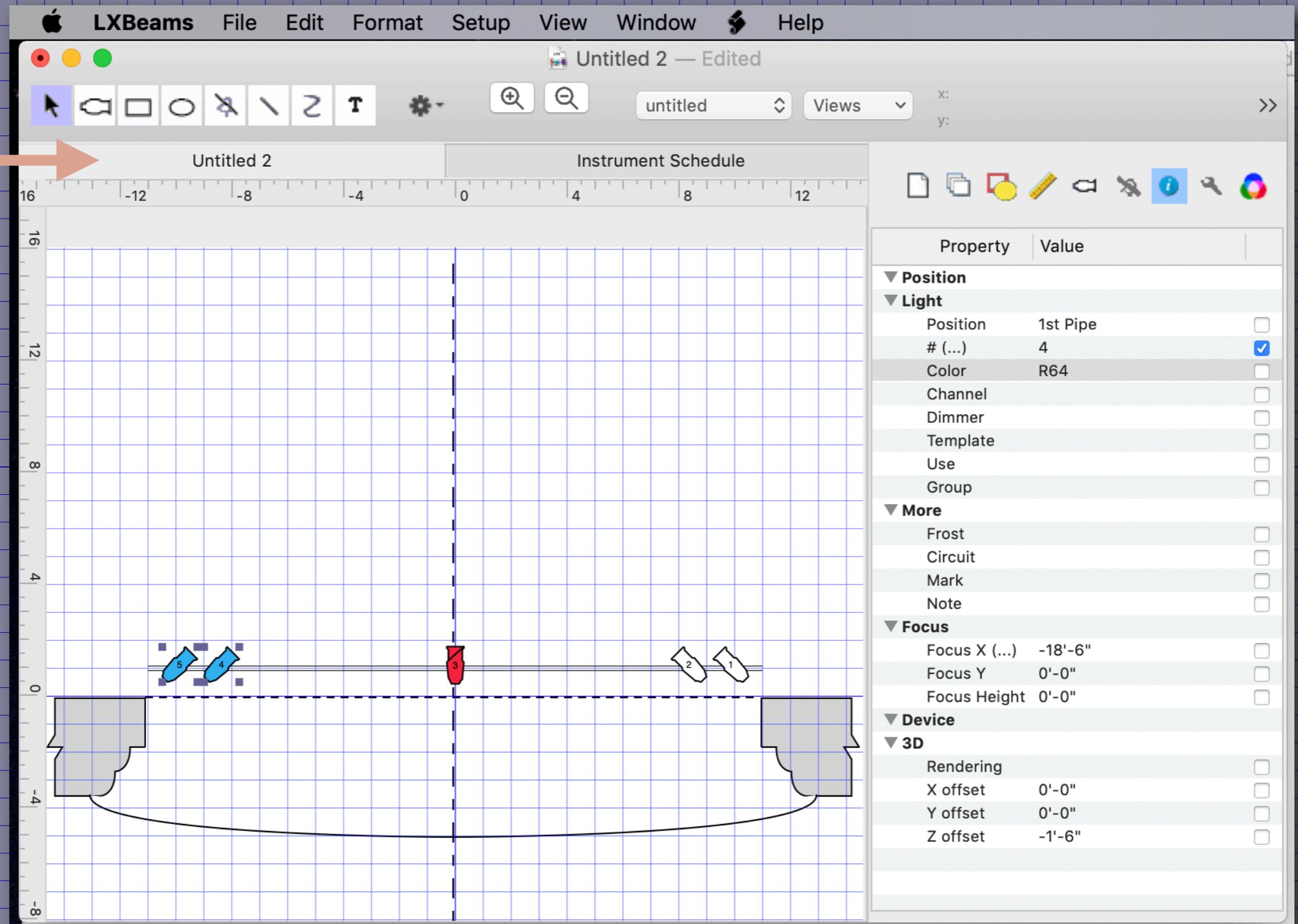


Switch back to the Instrument Schedule tab.



In the Inspector's Info tab, edit the color to be 'R64'.

Switch back to the main drawing by clicking the tab header.



You can edit the properties of a light (or lights) either in the report or drawing.

In this brief tour we've seen

How to work with an imported ground plan

- How to import a PDF
- How to size the drawing to match the PDF
- How to align the coordinate system with the PDF
- How to use a new layer to draw on top
- How to enable rulers and the drawing grid

In this brief tour we've also seen

The basics of working with positions

- How to draw a position line
- How to find its properties
- How to edit its name property

In this brief tour we've also seen
The basics of working with lights

- How to select and draw a light symbol
- How to duplicate and mirror symbols
- How to edit a light's color property
- How to edit a property of more than one light
(at a time!)

Finally, the tour introduced

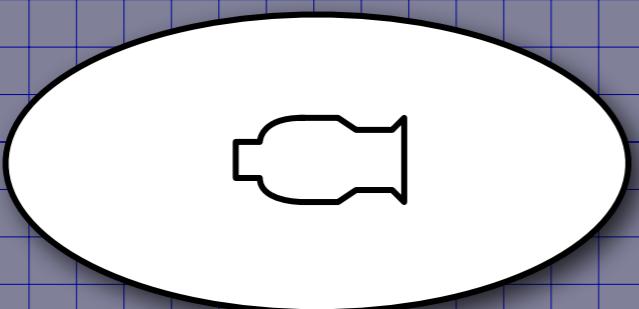
The basics of a report

- How to create a report
- How to edit data through a report
- How the drawing and reports are linked:
- The same objects produce the drawing...
- ...As well as the data displayed in reports

Try It Yourself

- Find Exercise Files/Exercise-1 Ground Plan.pdf
- Import it into a new LXBeams file
 - Add rulers and a grid
 - Align the rulers to the drawing
 - Bonus for drawing a grid for hanging lights

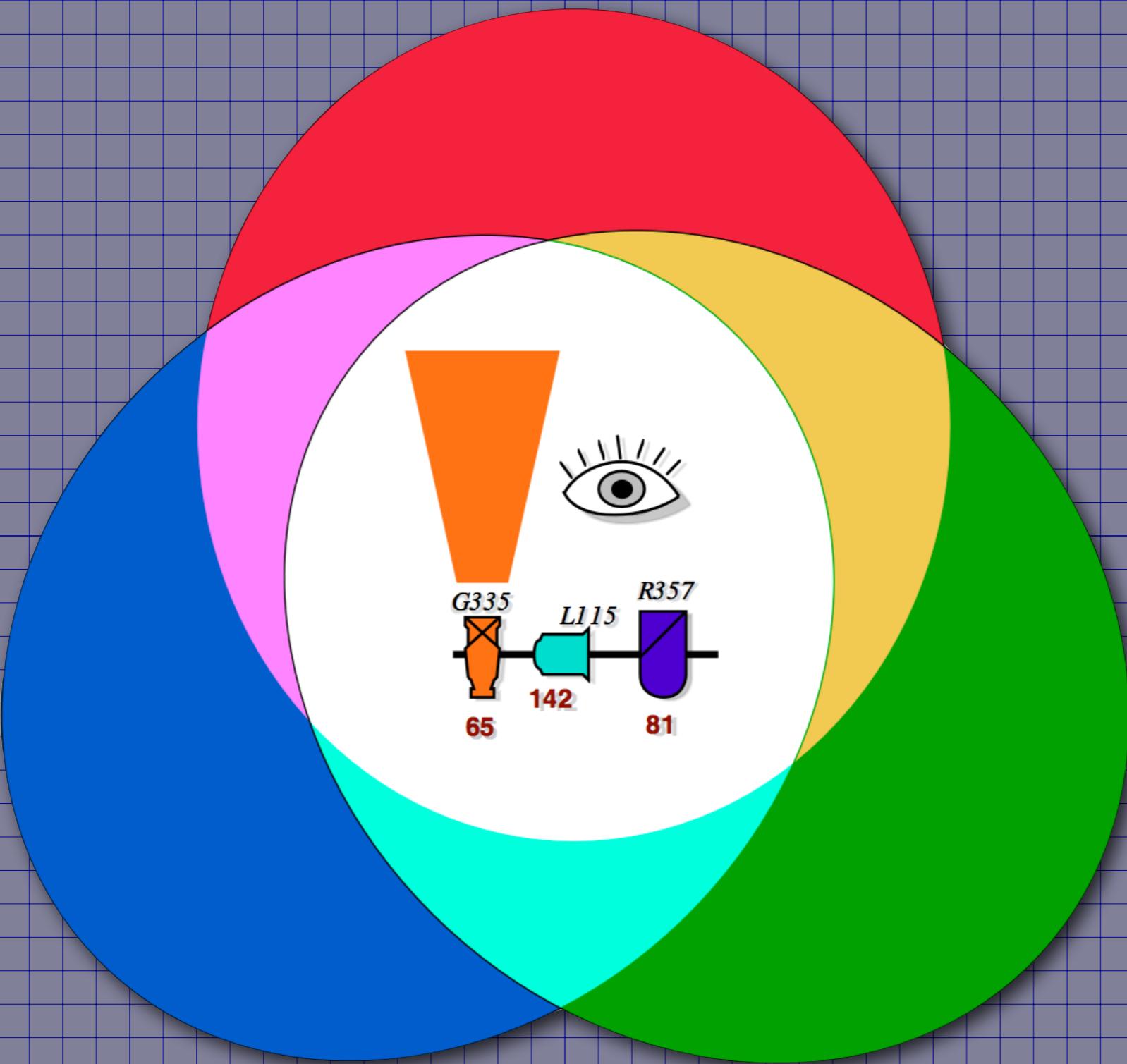
The next section will explain how objects are
Related to... but not wholly the same as
The graphics that represent them.



≠



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