

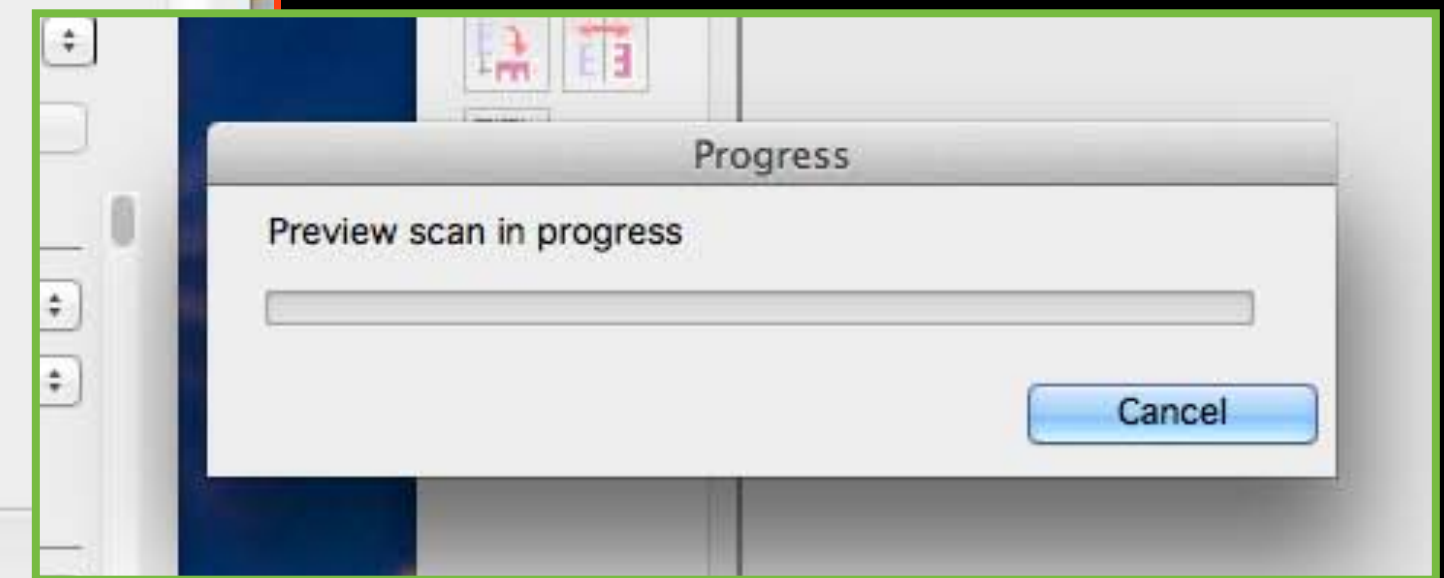
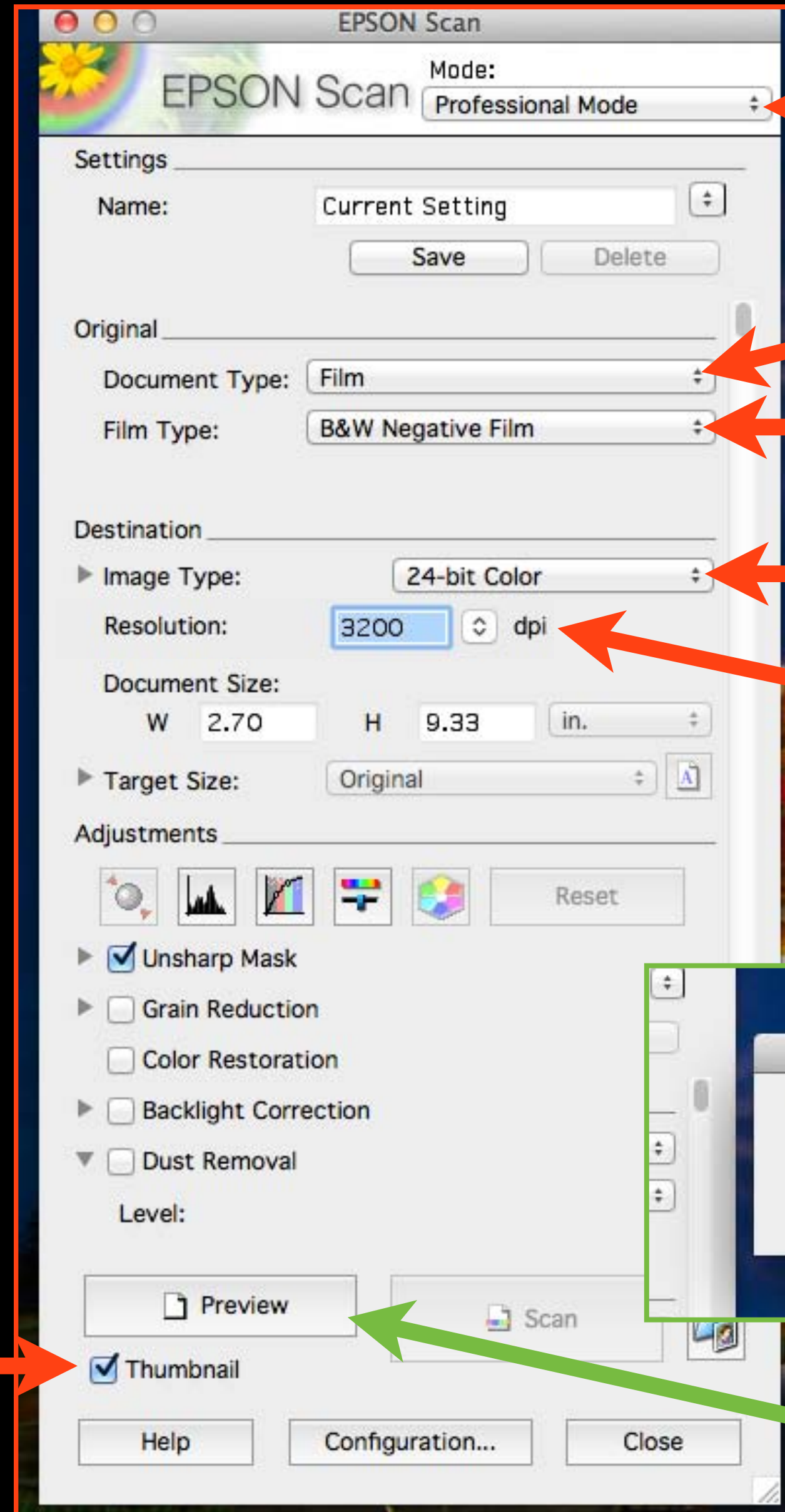
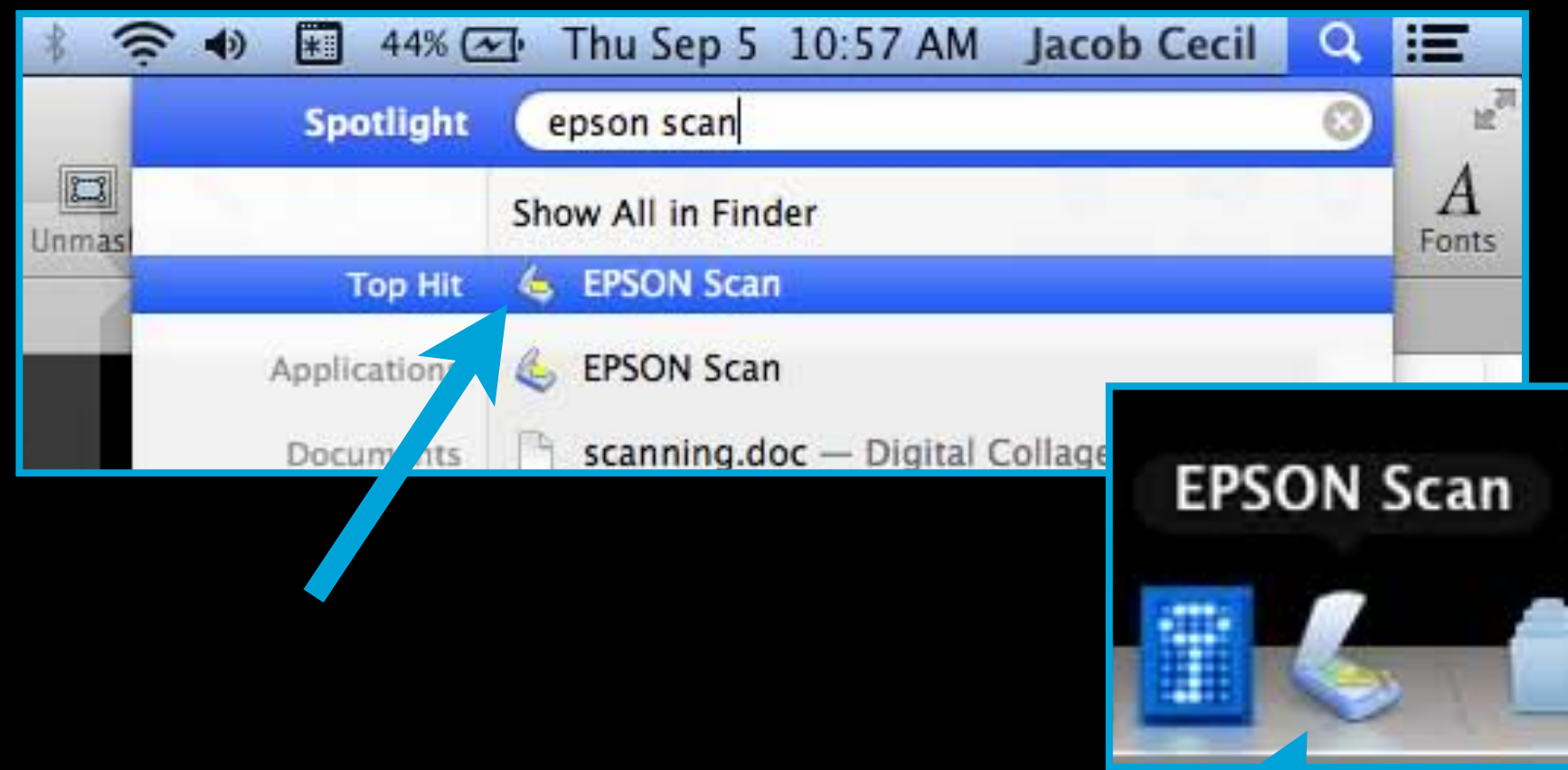
Scanning and Editing

BLACK & WHITE NEGATIVES

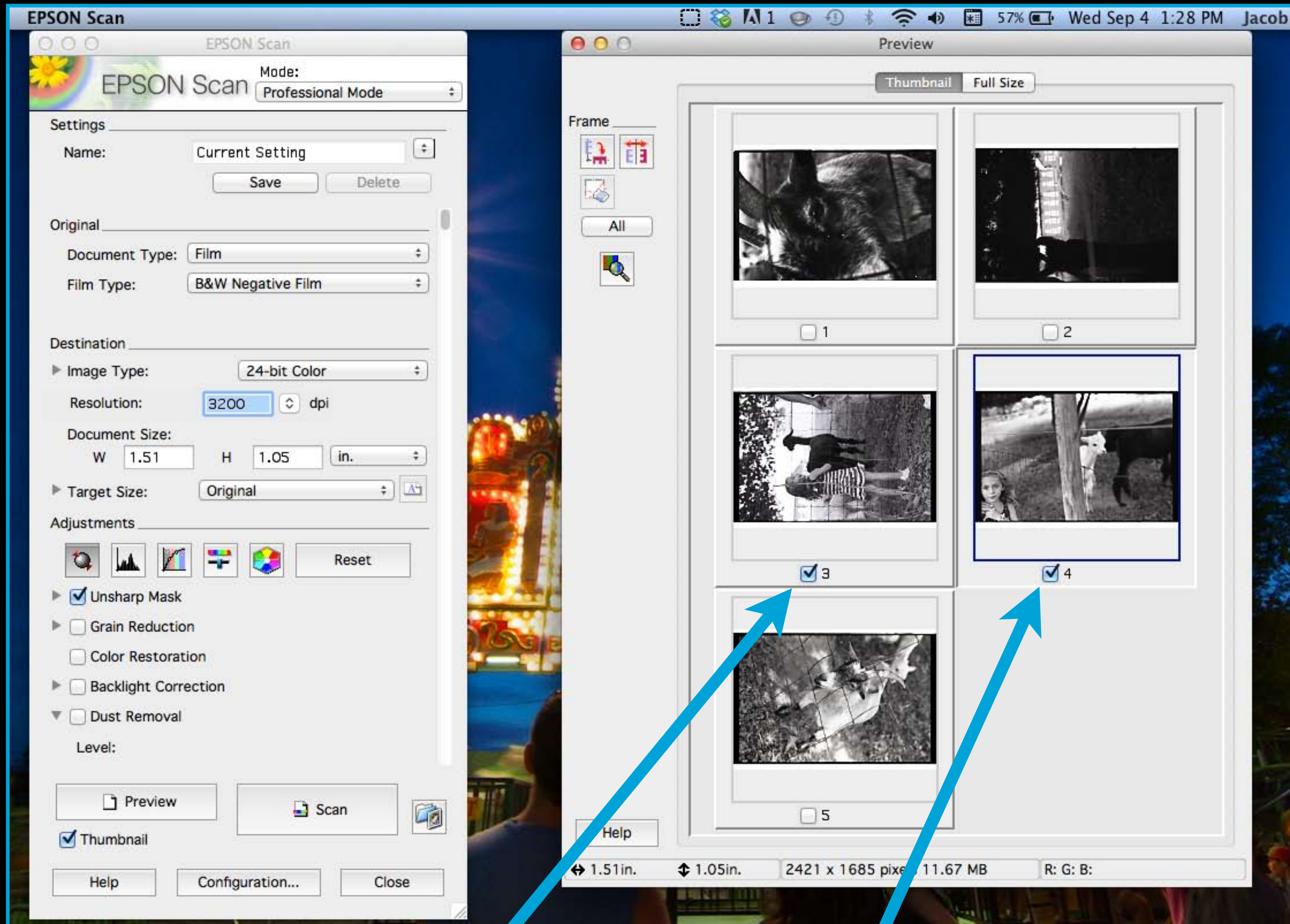
Scanning

2. Adjust Settings to what you see here

1. Open Epson Scan

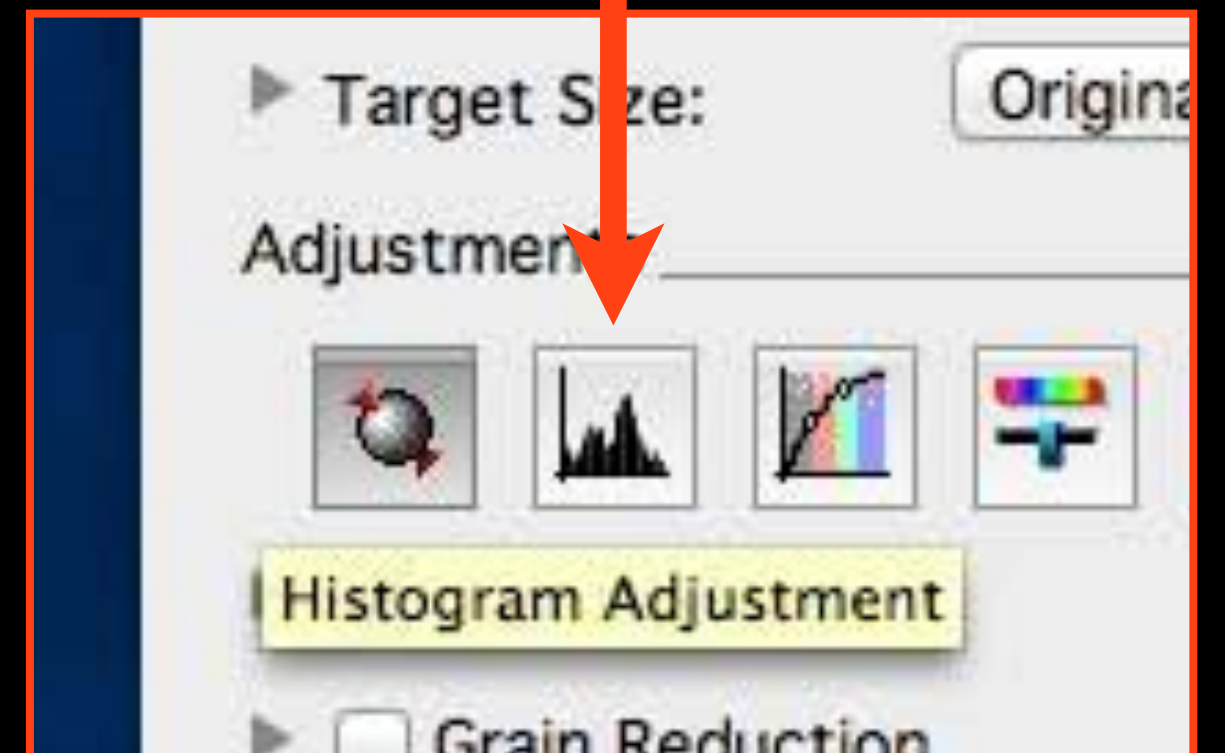


3. Click Preview



4. Check images you want to scan

5. Click Histogram Adjustment



6. Click the image and adjust the it by dragging the triangles to the edge of the Histogram, click Close when done - do this for each image

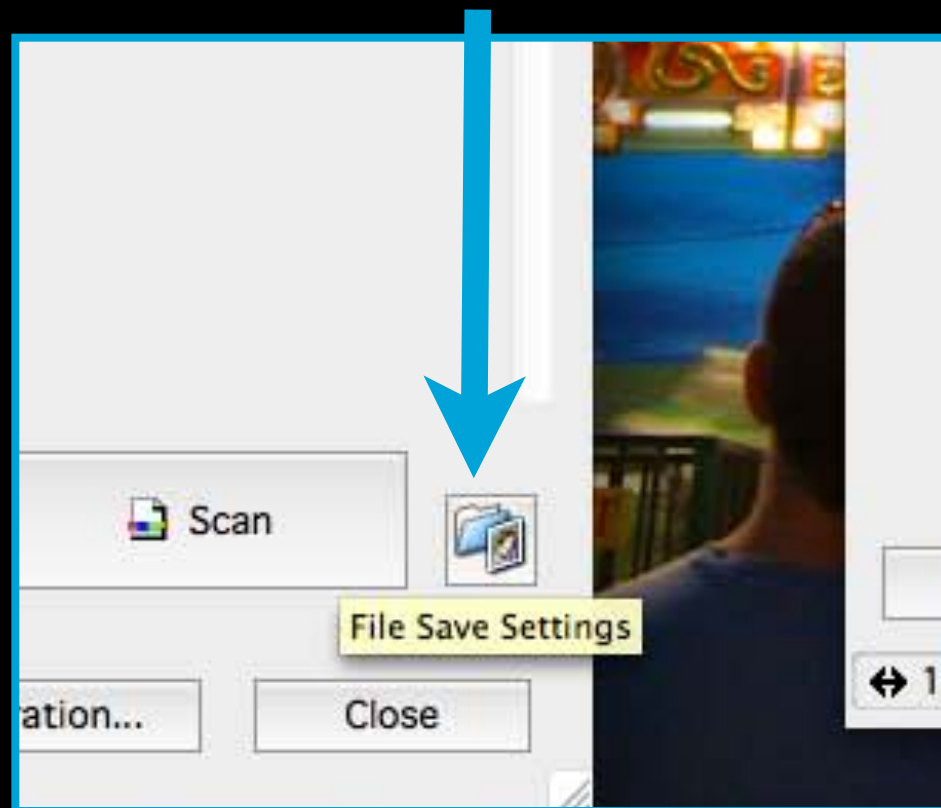
The image displays two screenshots of a 'Histogram Adjustment' window in a photo editing software. The left screenshot shows the histogram with green arrows pointing to the input values 77 and 212. The right screenshot shows the histogram with green arrows pointing to the output values 18 and 209. Both screenshots show a list of images on the right side of the window.

The window interface includes the following elements:

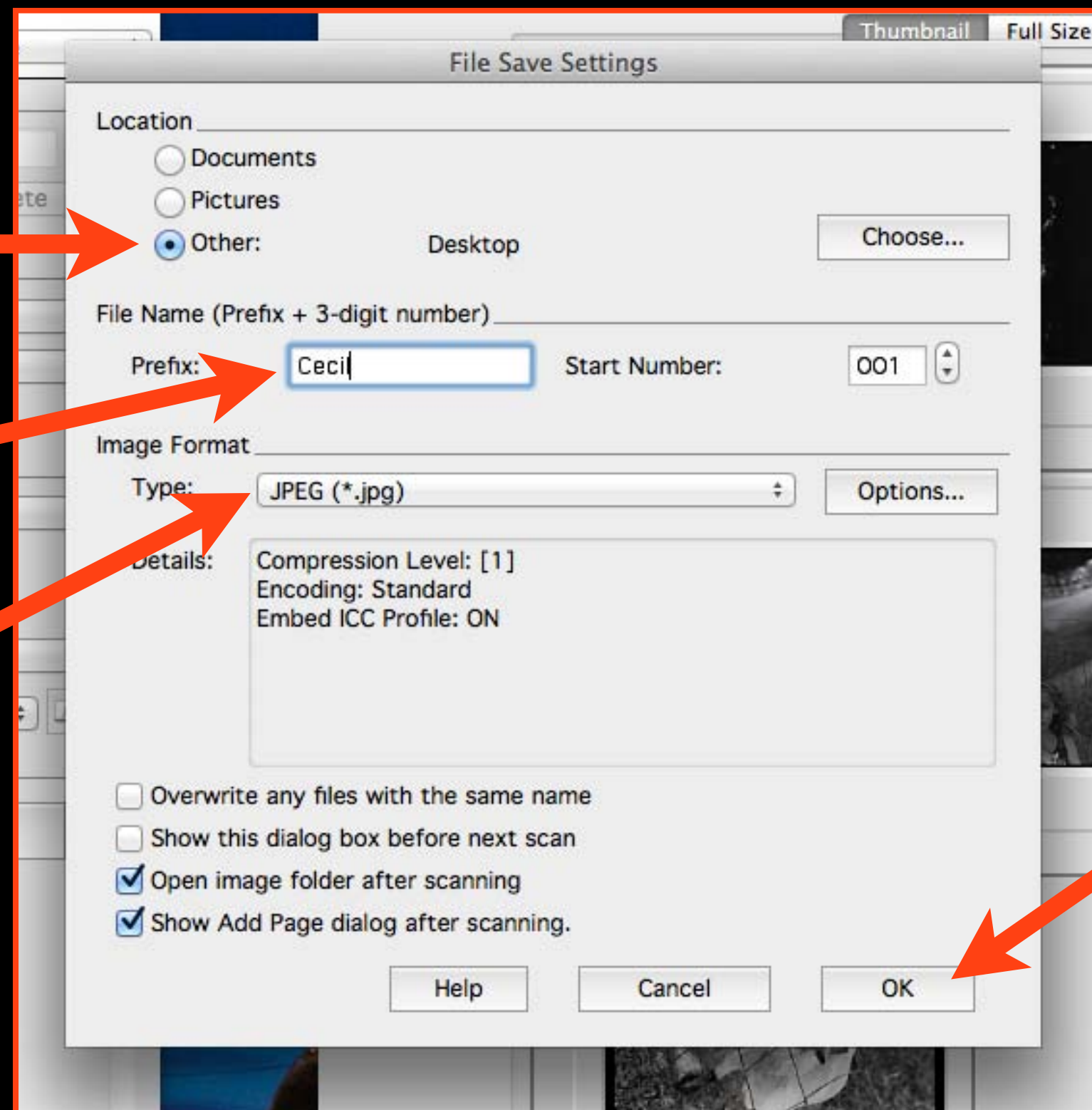
- Channel:** Radio buttons for RGB, Red, Green, and Blue.
- Input:** Values 77, 1.54, and 212 with corresponding sliders and eyedropper icons.
- Output:** Values 18 and 209 with sliders and eyedropper icons.
- Tone Curve Viewer:** A graph showing the relationship between input and output values, with a 'Show Output' button.
- Gray Balance Intensity:** A color calibration slider set to 100.
- Image List:** A vertical list of images with checkboxes. The third image is checked.
- Buttons:** 'Help', 'Reset', and 'Close' at the bottom.

It will look too dark, that's okay - it will be adjusted later

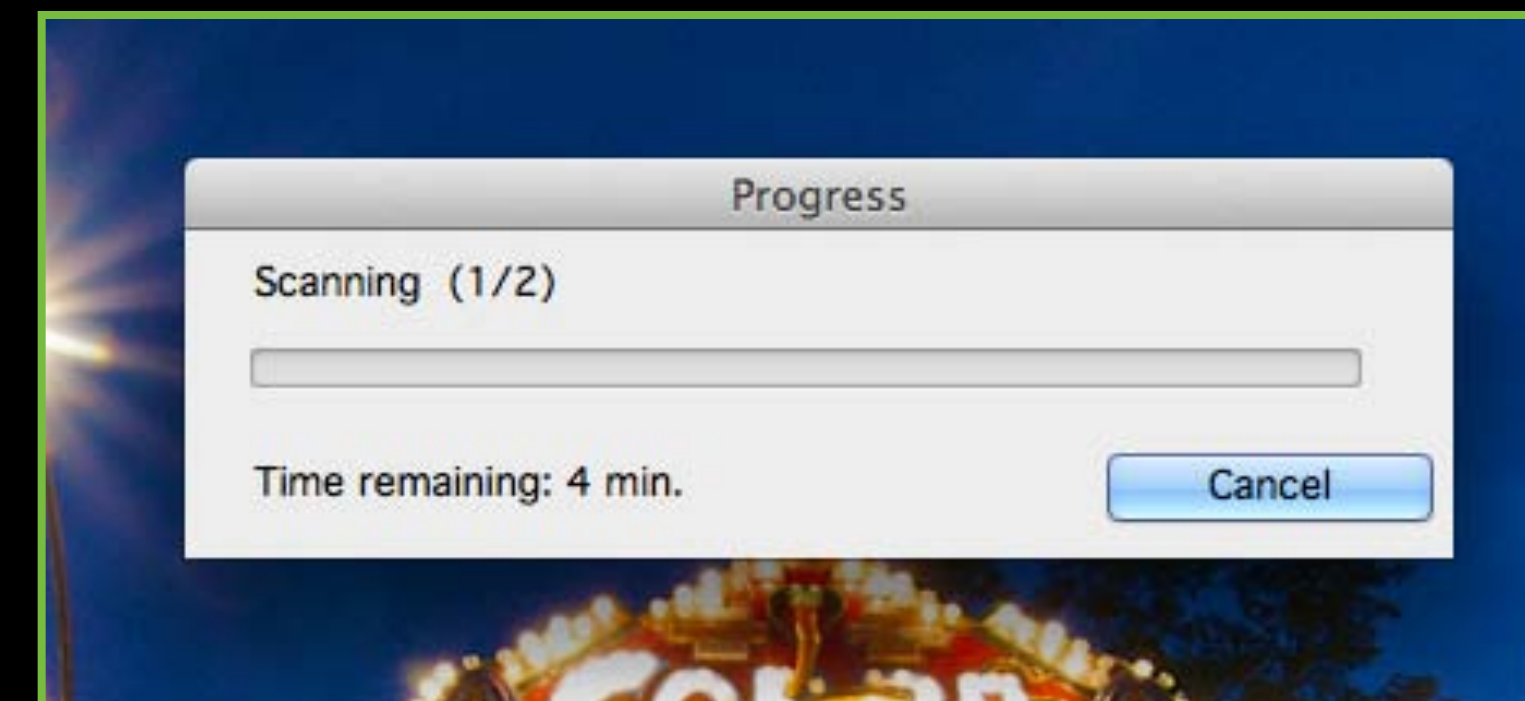
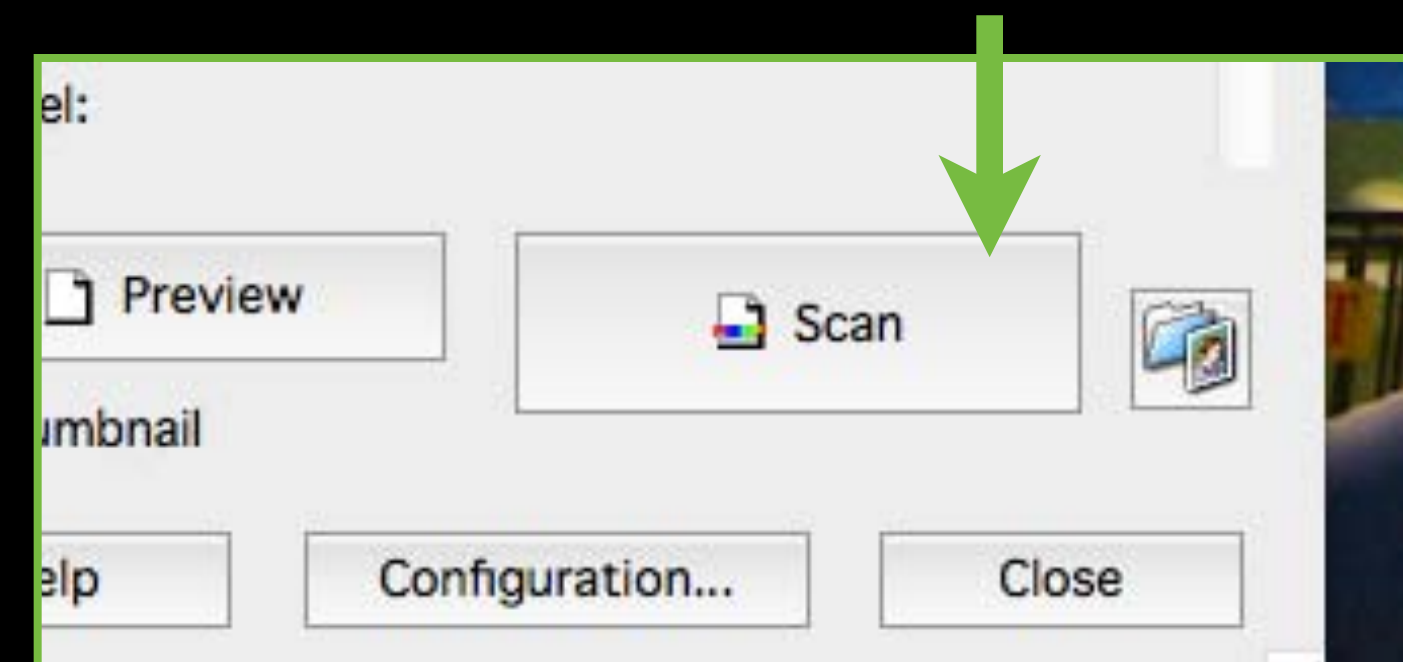
7. Click on File Save Settings



8. Choose Other in order to save to the Desktop, name it and select JPEG



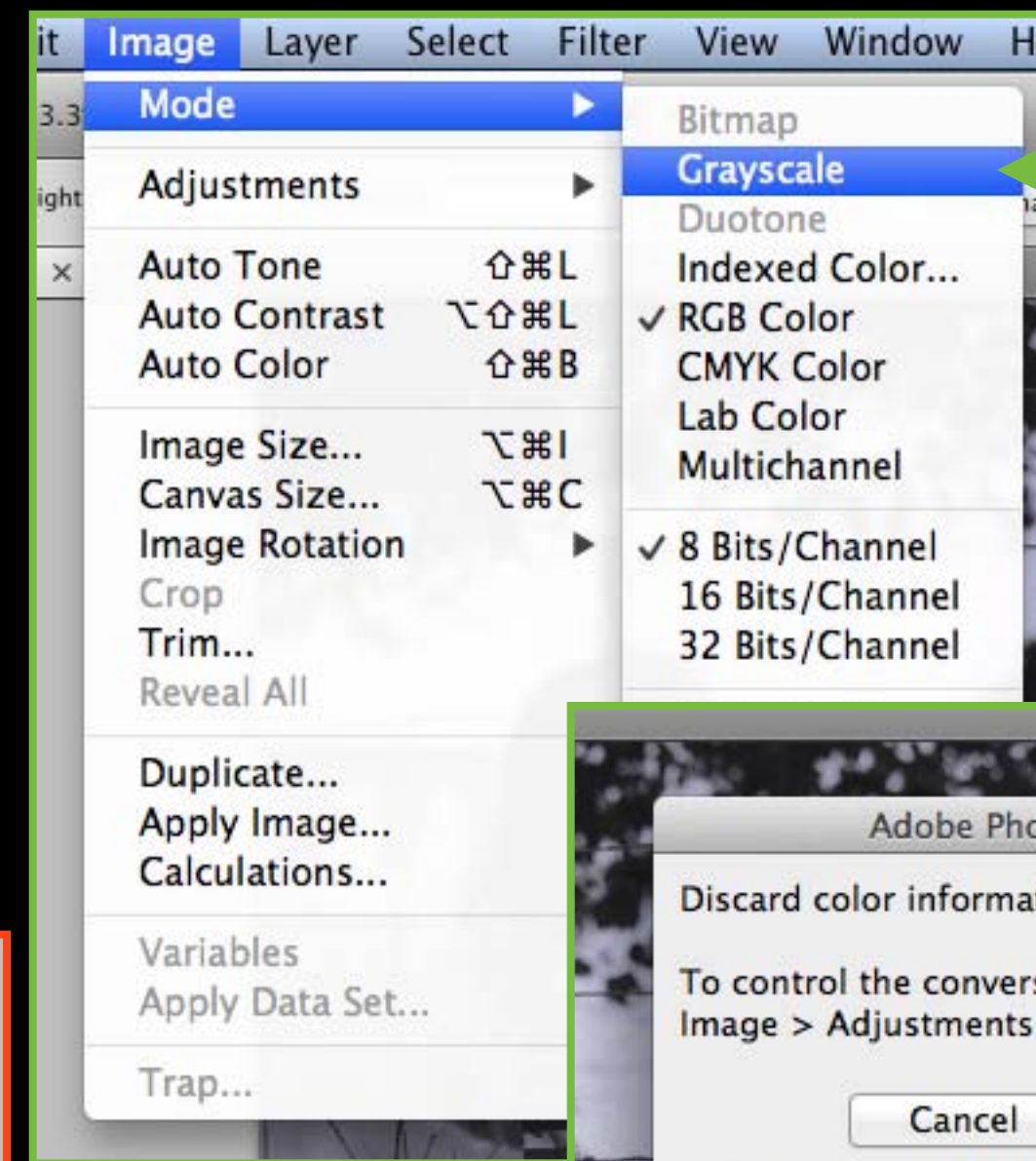
9. Click Scan



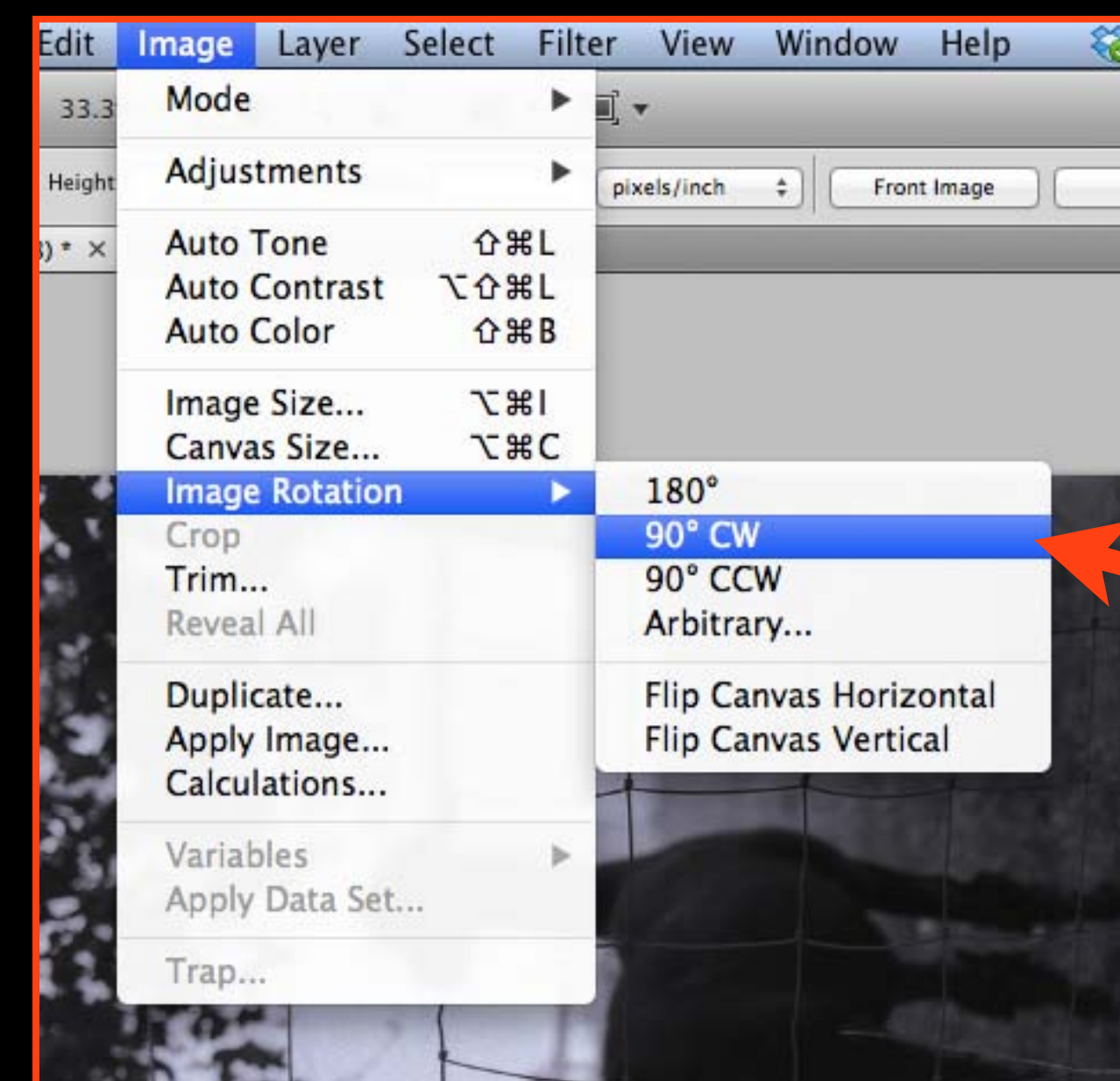
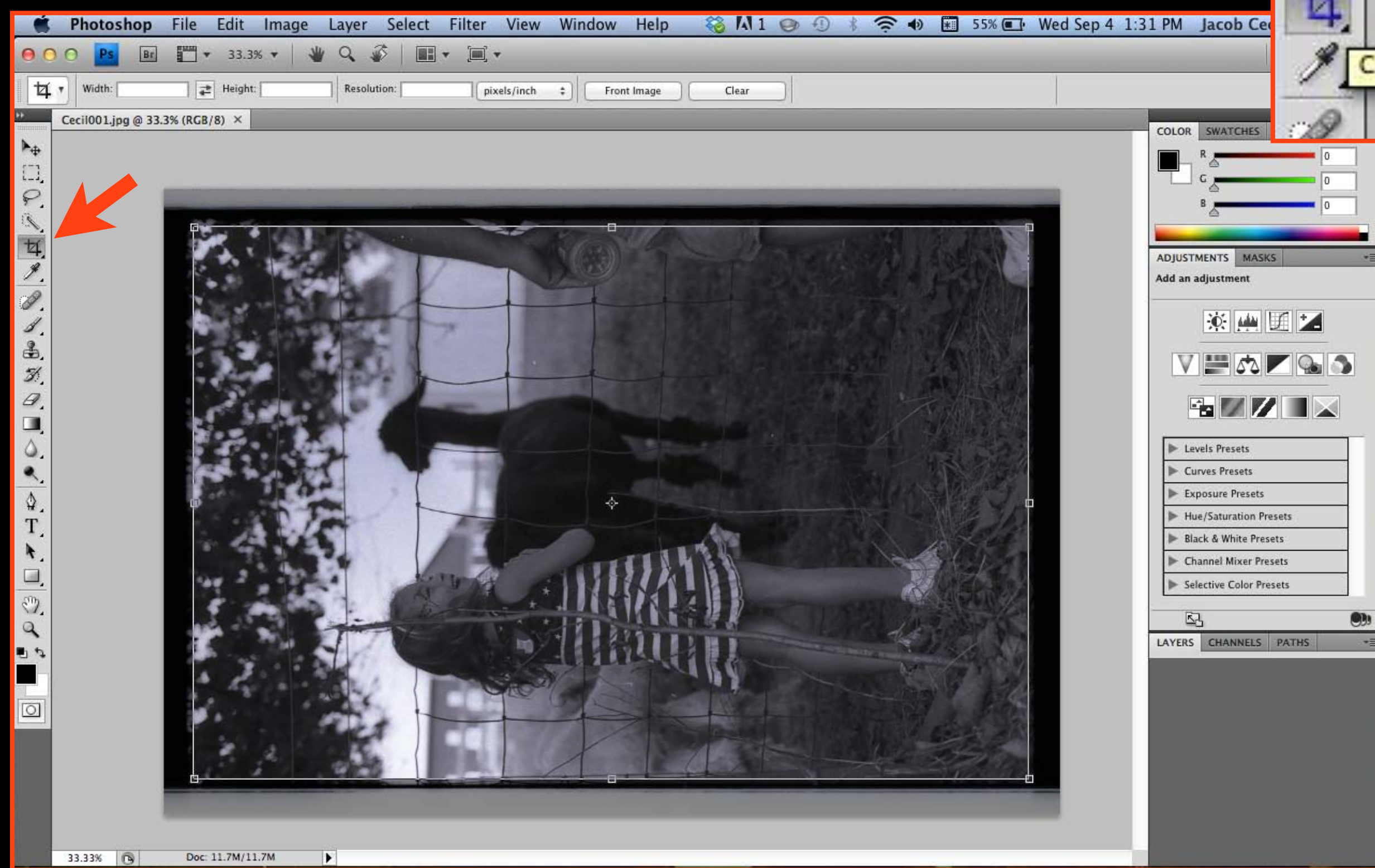
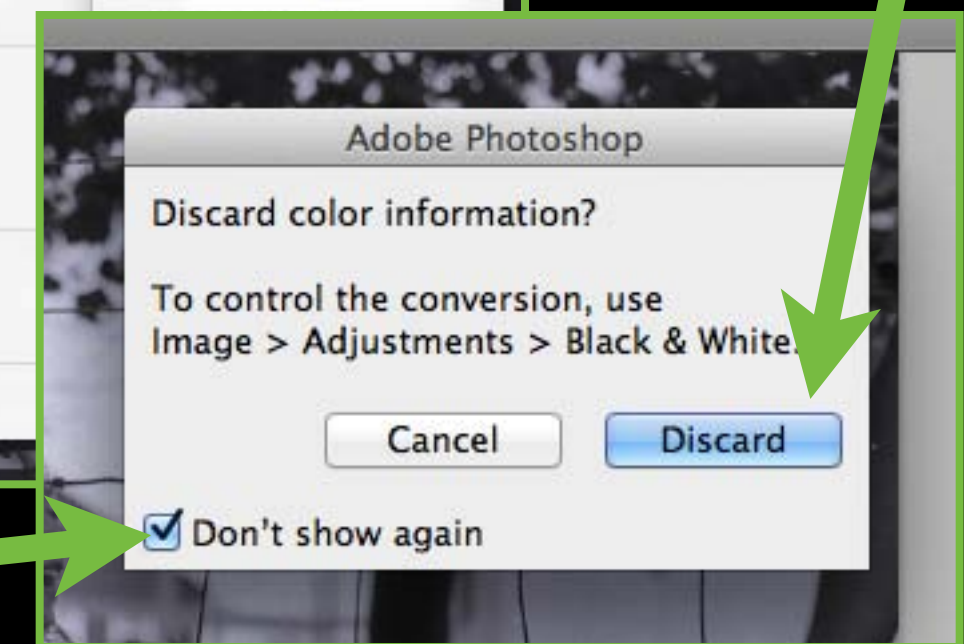
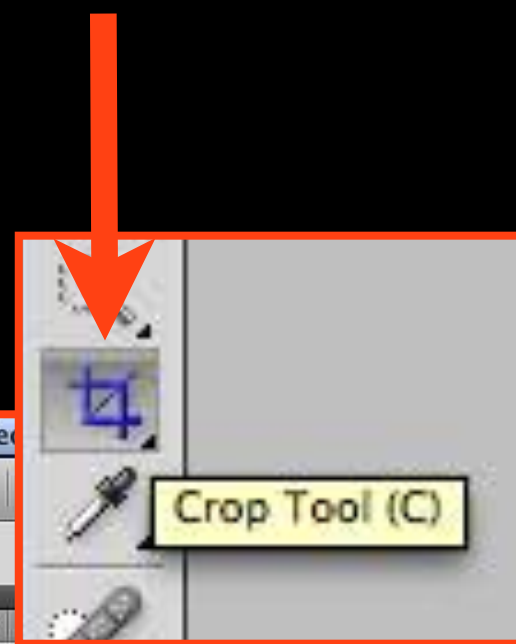
10. Open Photoshop



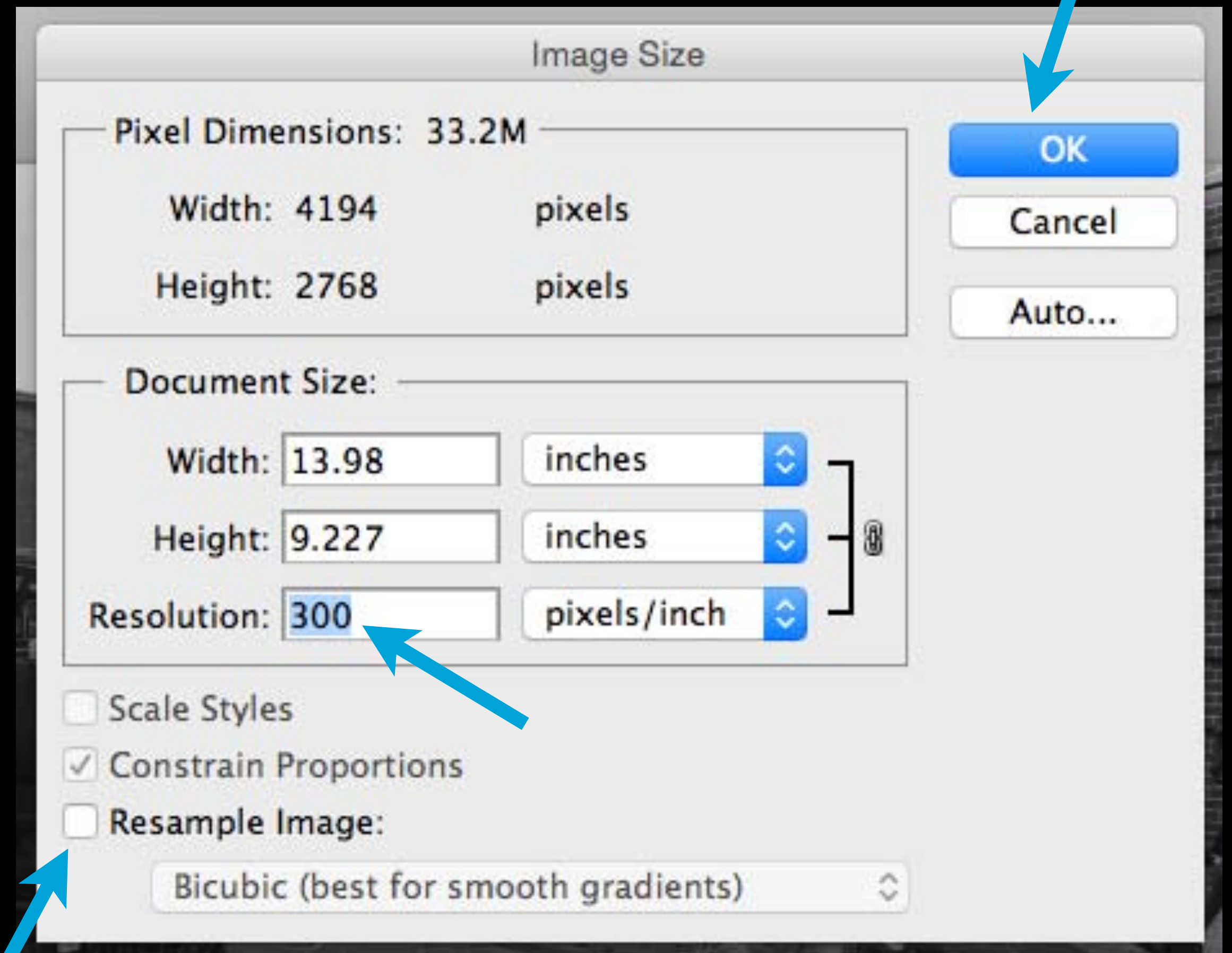
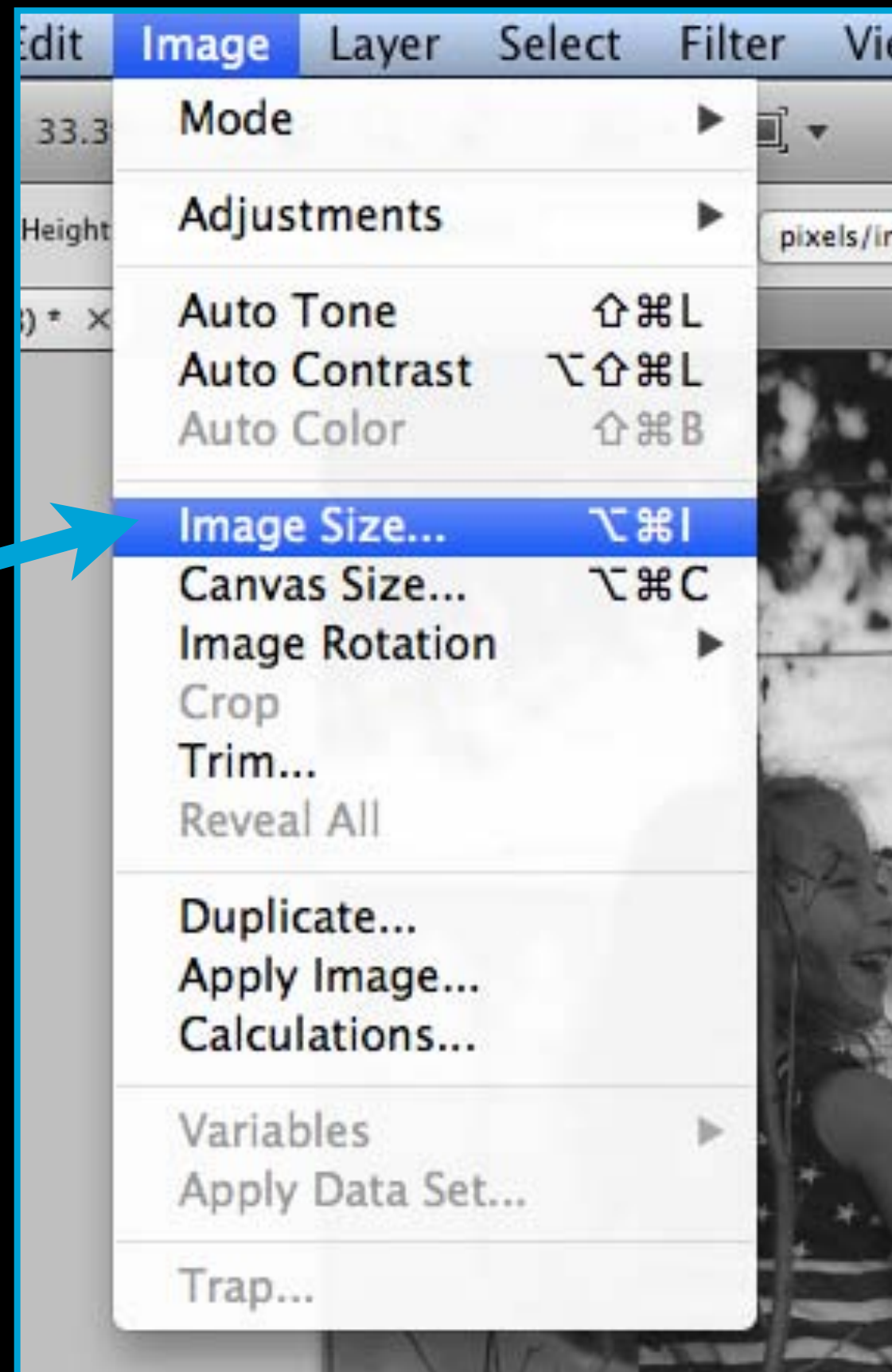
12. Convert to Grayscale



11. Crop (C) and Rotate if needed

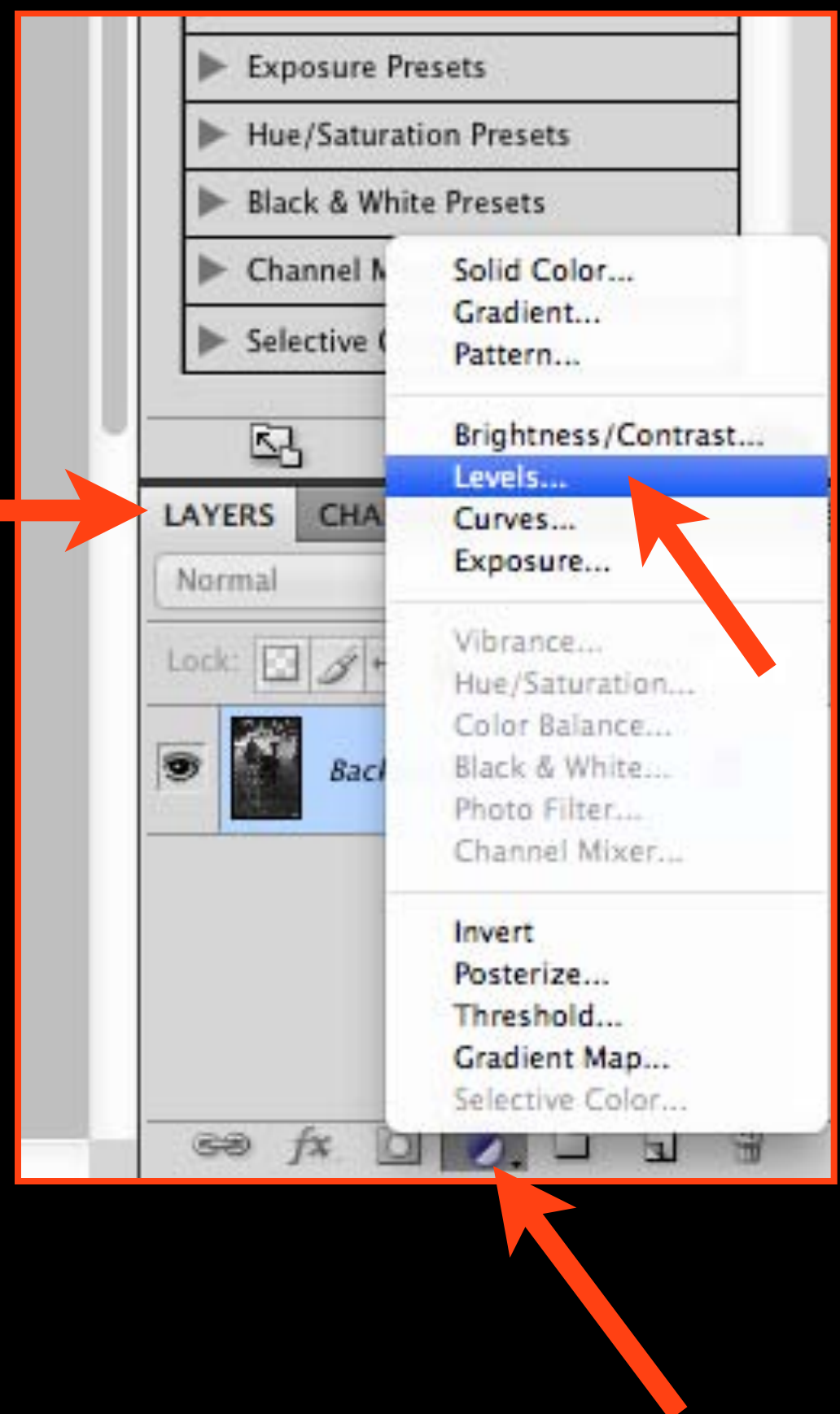


13. Resize image, uncheck Resample Image and change resolution to 300 (ignore the Width and Height, they should be close to 14 X 9 but may not be exact)

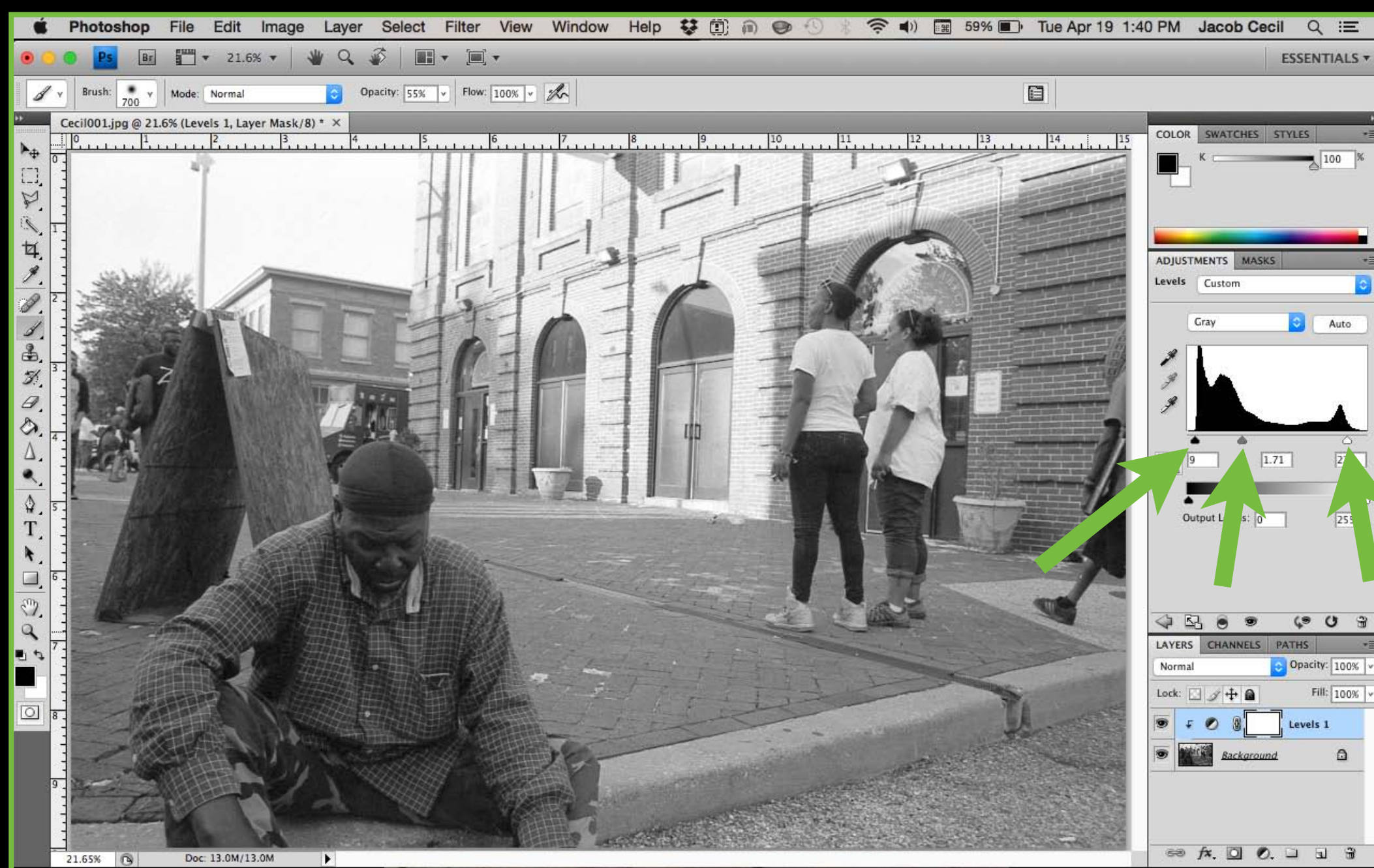
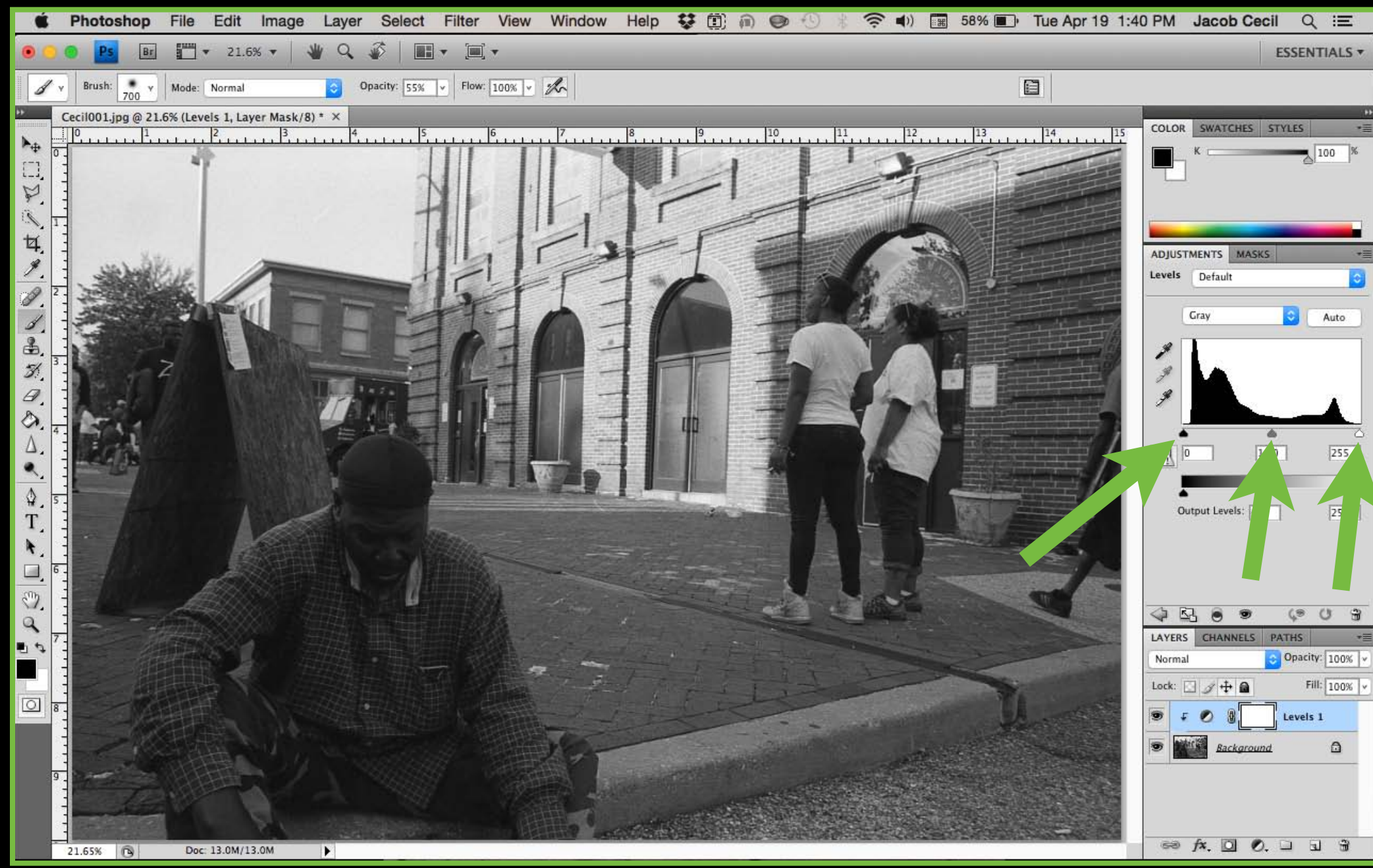


Editing

14. Create a Levels Adjustment Layer



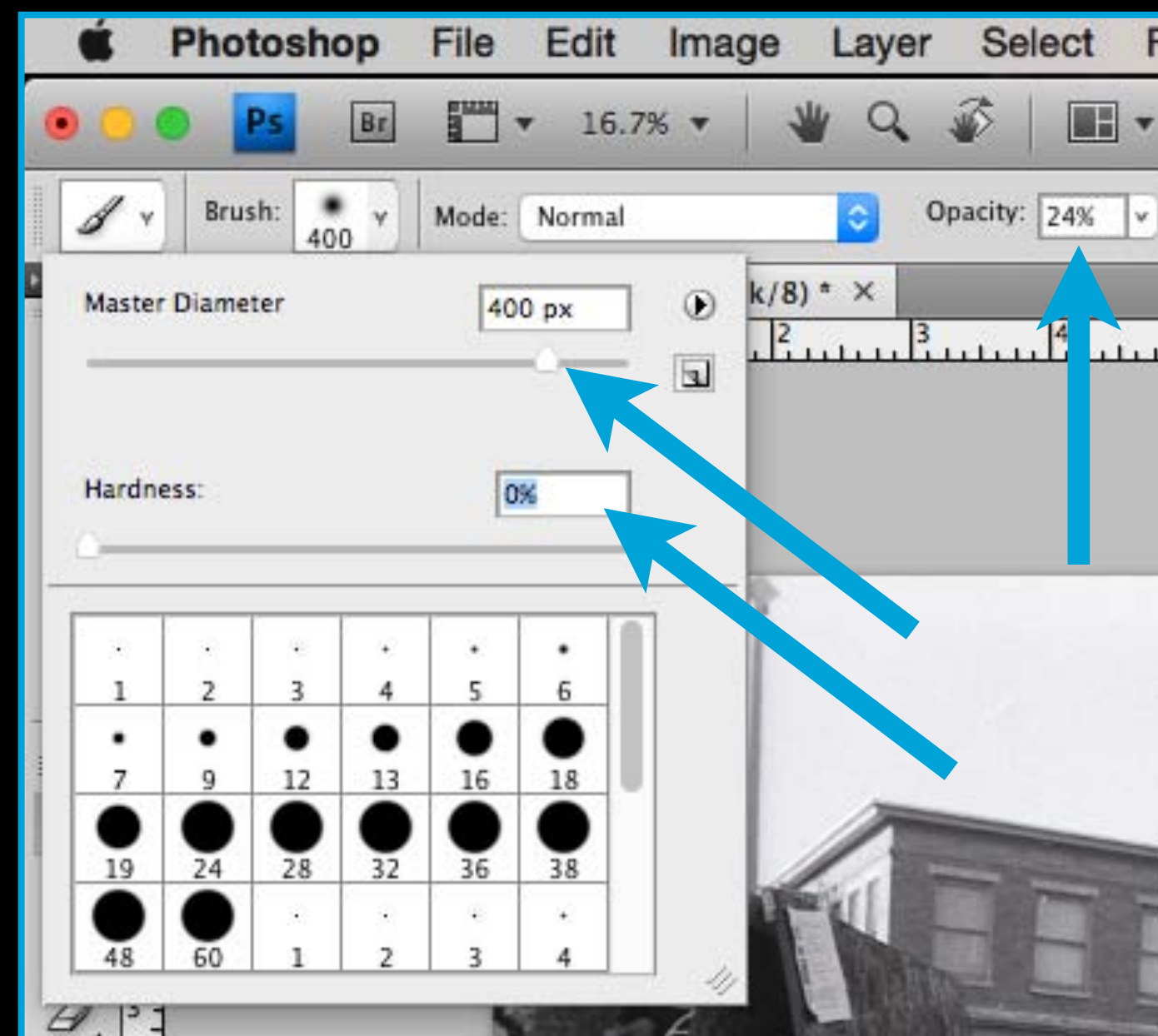
15. Adjust by moving the black and white triangles in until it looks the best



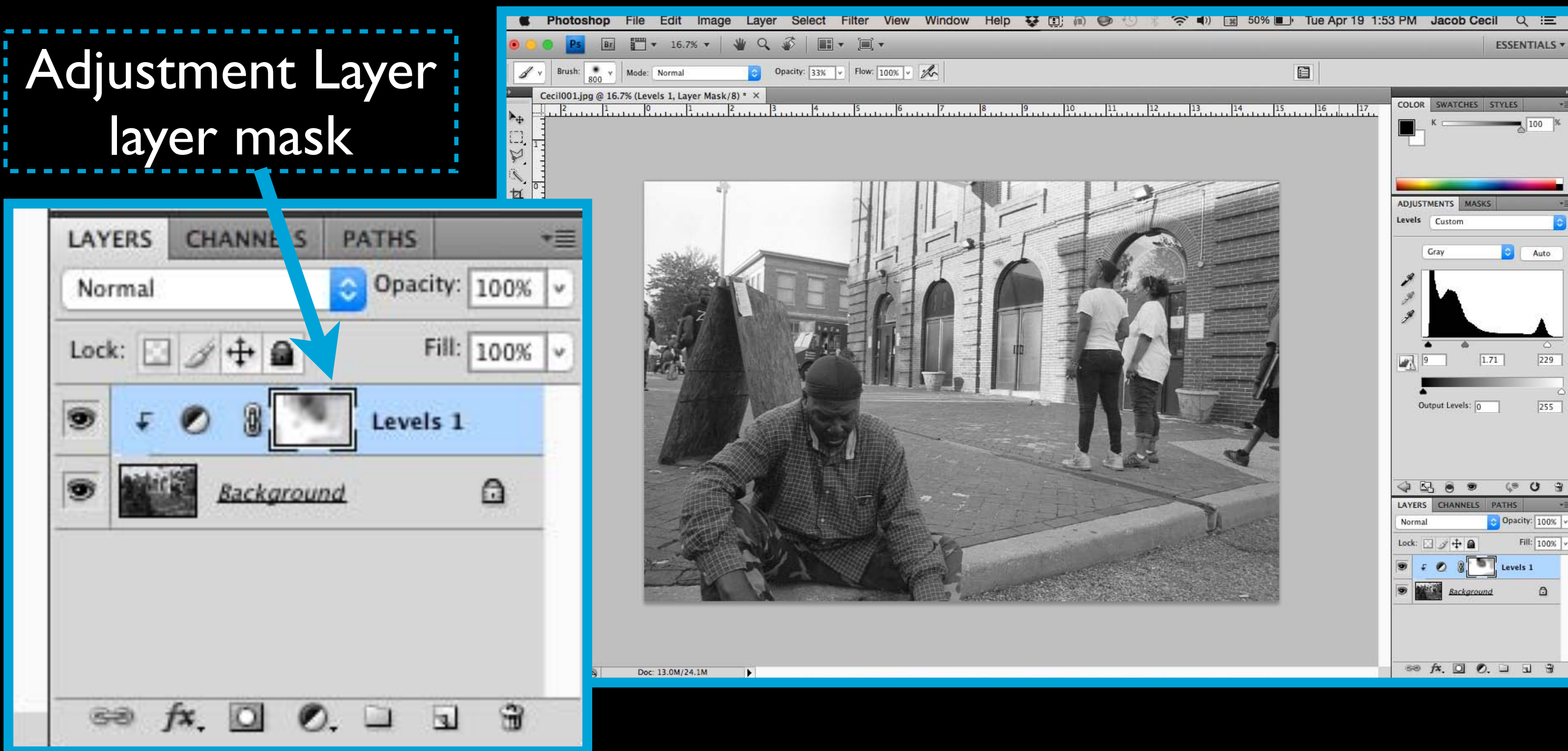
Slide the gray triangle left or right. Look for contrast as well as details in highlights and shadows

16. Fine tune by using the Brush tool to paint black or white in the layer mask for that adjustment layer

Adjust your brush size, lower the hardness to 0, and lower the opacity to around 30%

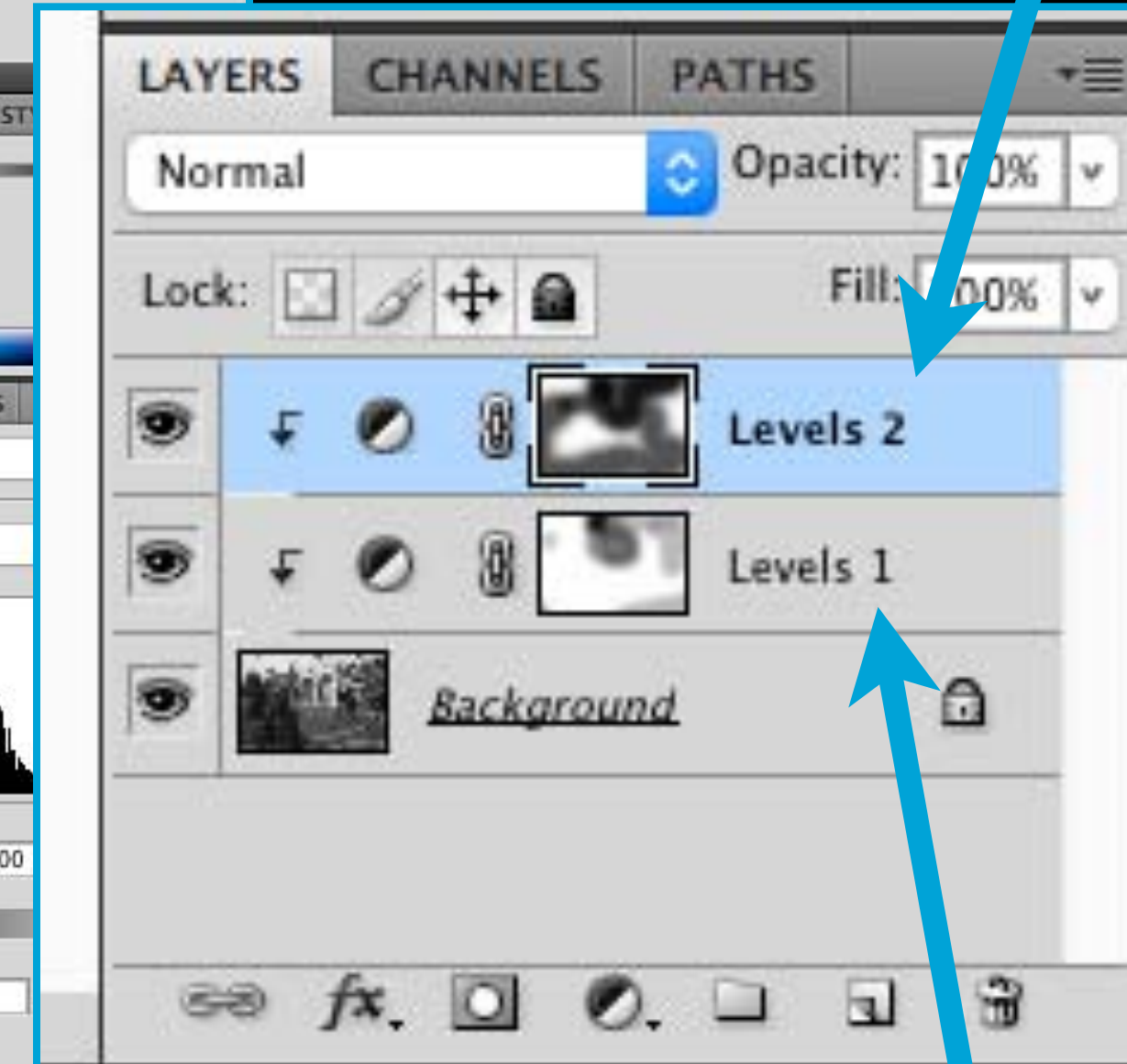
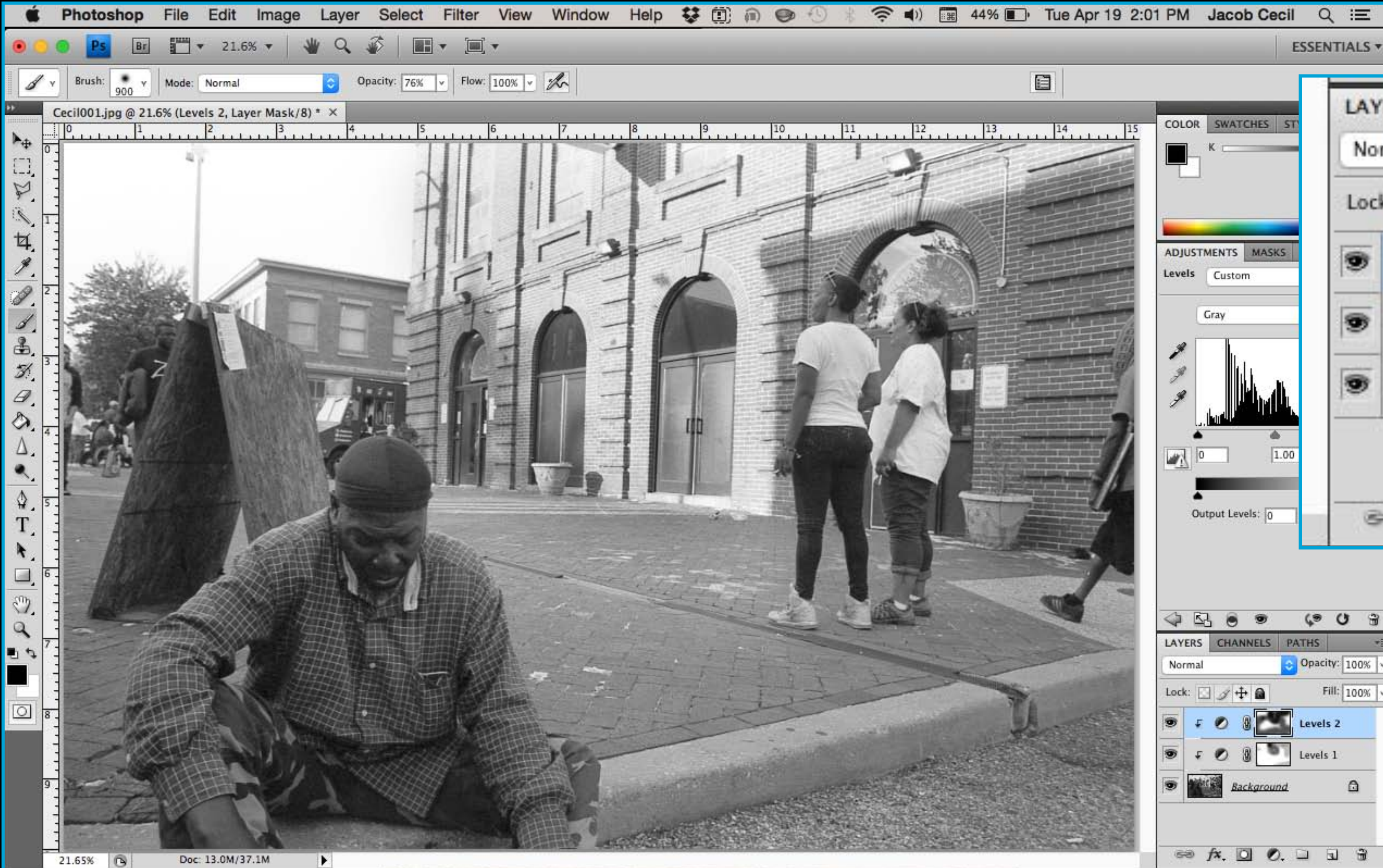


Adjustment Layer layer mask



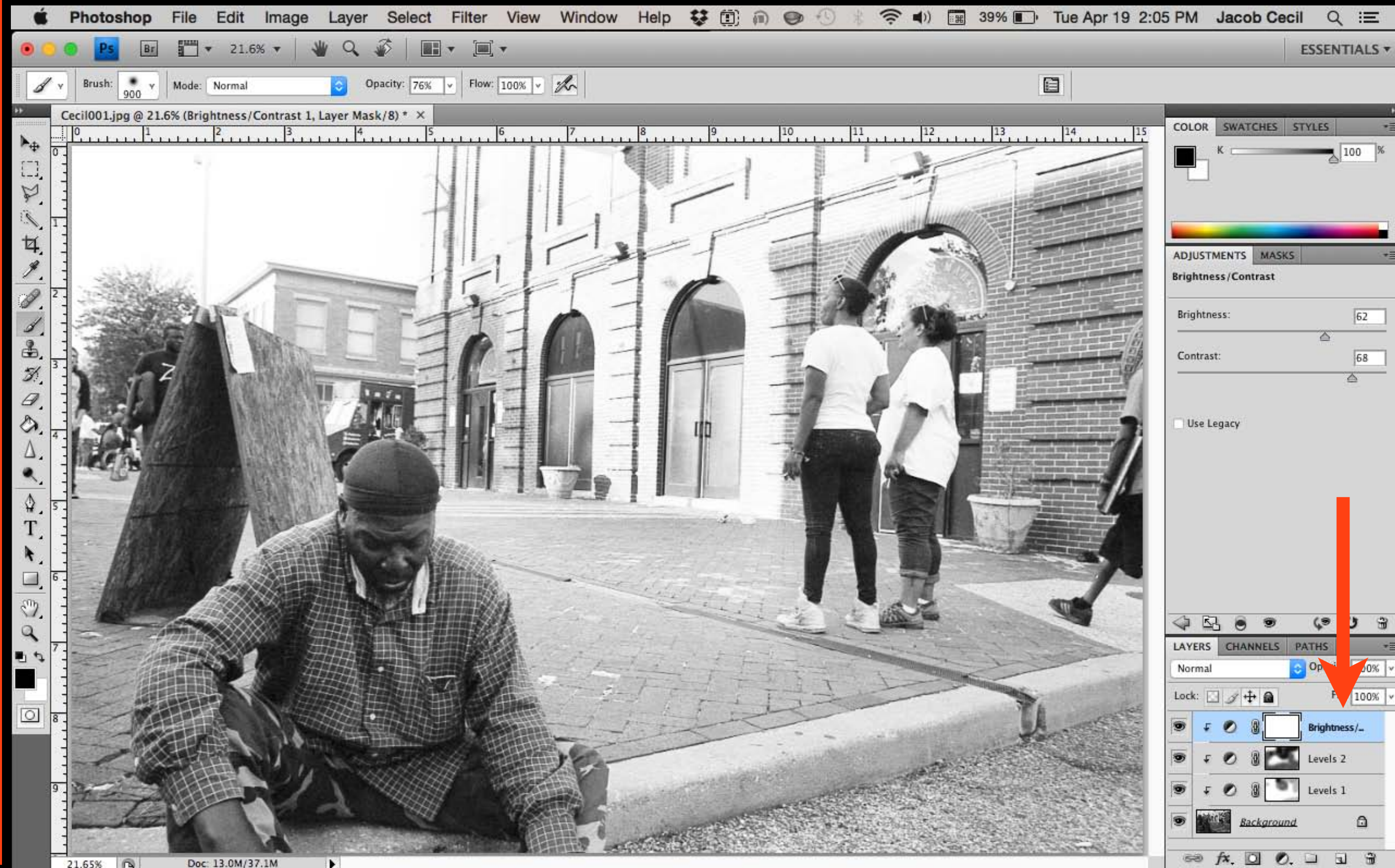
Anywhere you paint black will be erased, painting white will put it back

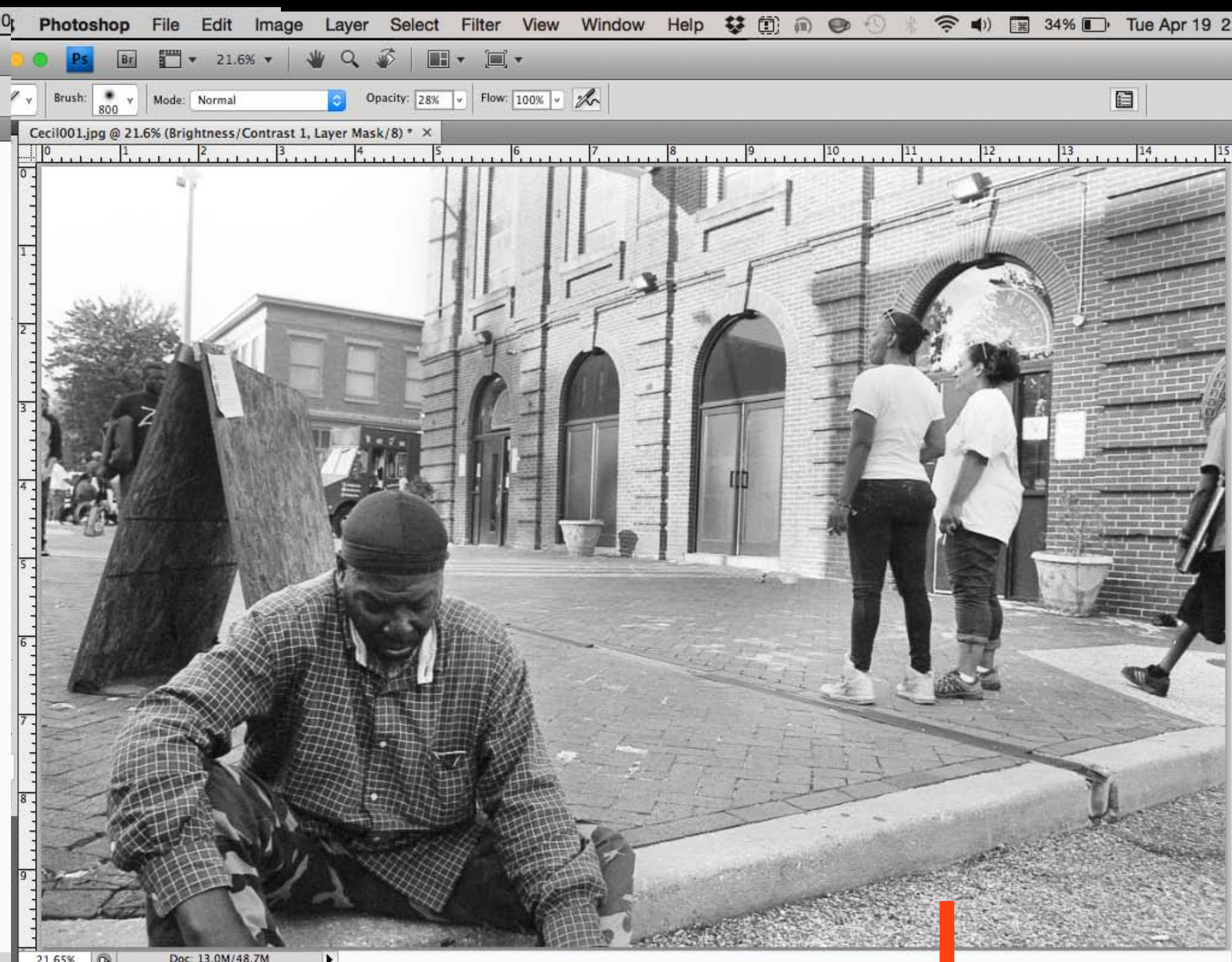
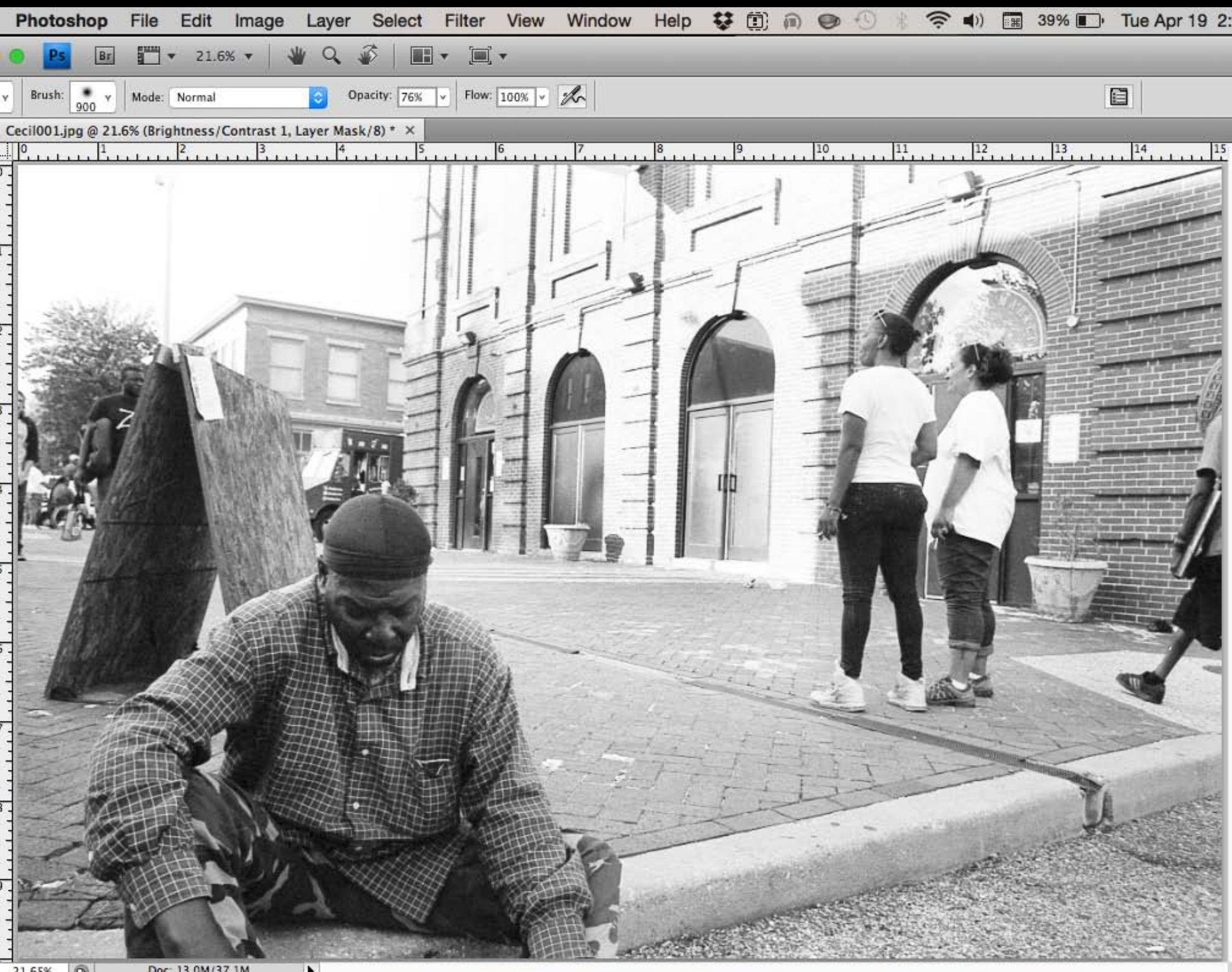
You can create as many Level adjustment layers as needed to tweak highlights and shadows. This works in a similar way to Dodging and Burning in the darkroom - only easier!



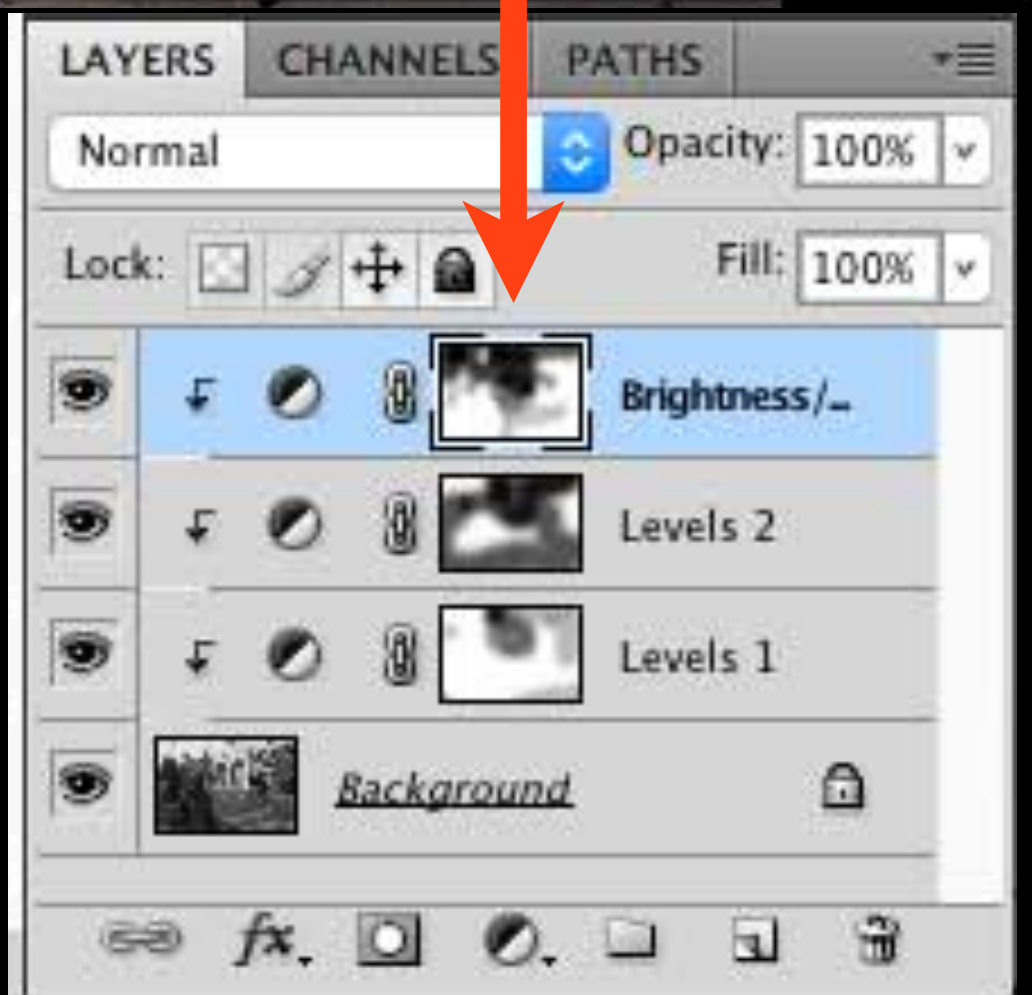
17. Create an adjustment layer for Brightness/Contrast if more editing is needed.

Edit dramatically and then erase what you don't want by painting in the layer mask for the adjustment layer with black. This is like using filters in the darkroom.





On the left is the Brightness/Contrast adjustment, on the right is after parts were painted away. Don't forget to go slowly, lower your Hardness to 0 and keep your opacity low. Press X to switch to white and paint back in adjustments if needed.



Flatten

Complete this only after you have finished all other edits and no longer need the Photoshop layers.

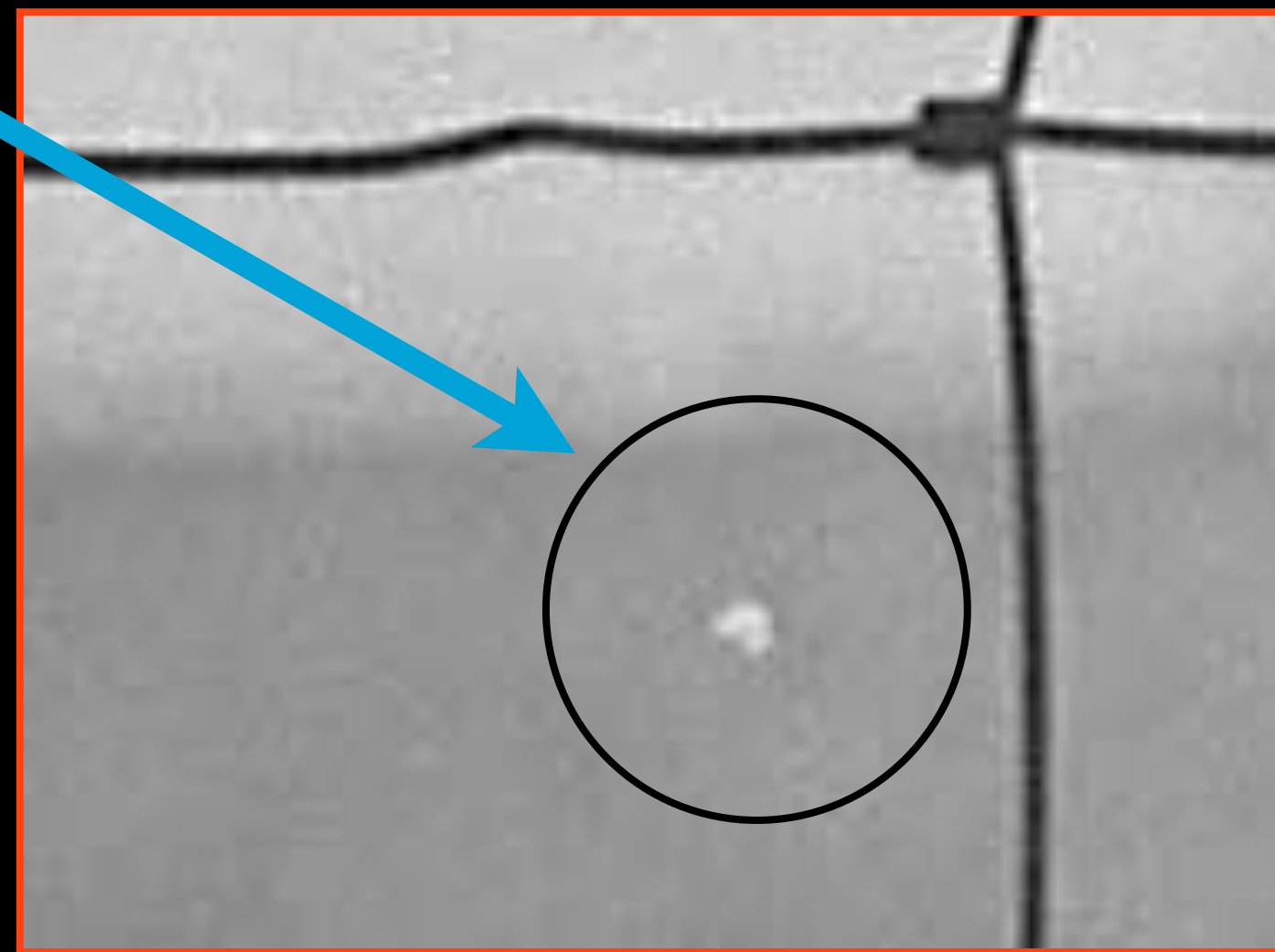
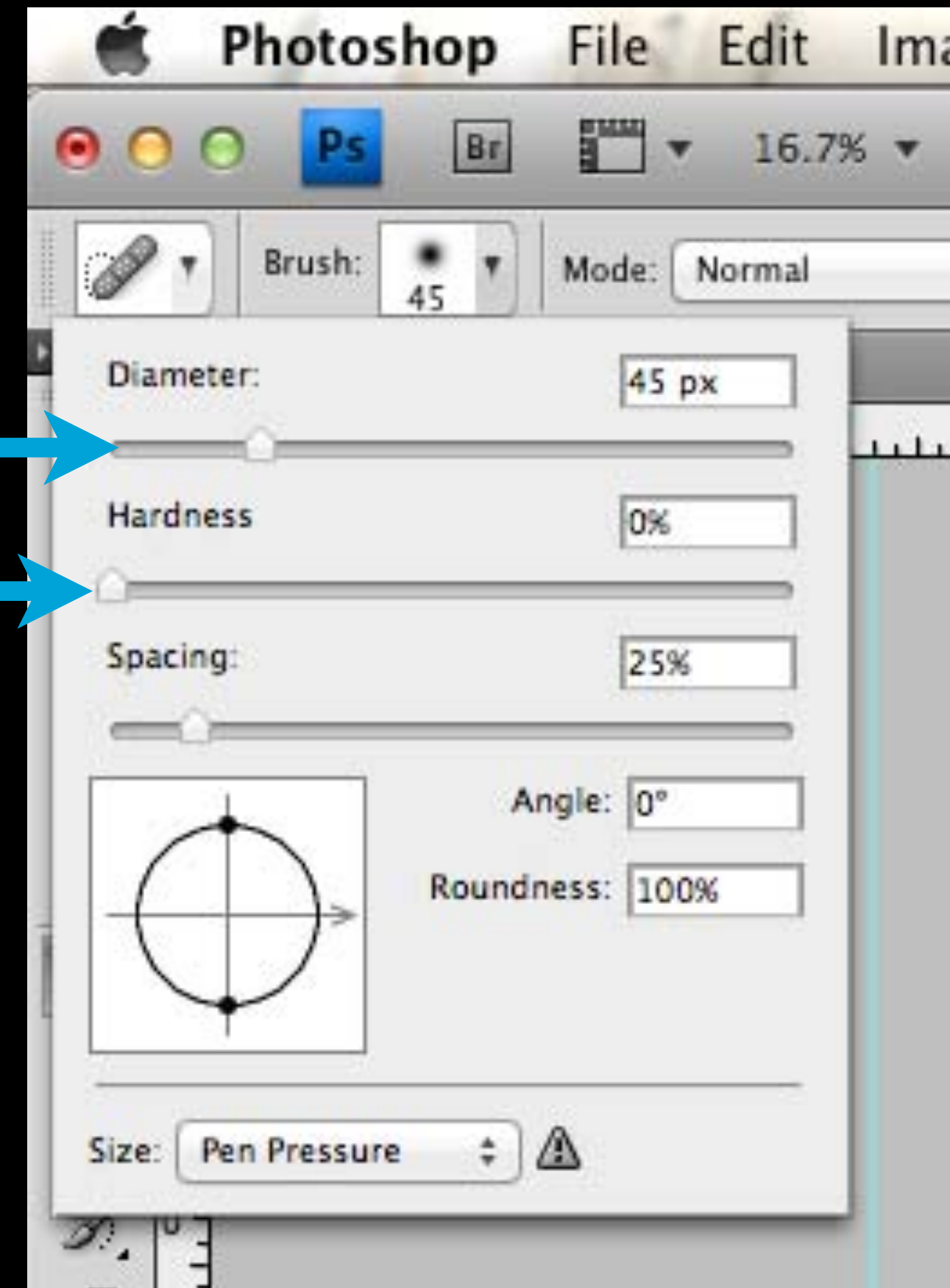
18. Go to Layer > Flatten Image to Flatten all your layers.

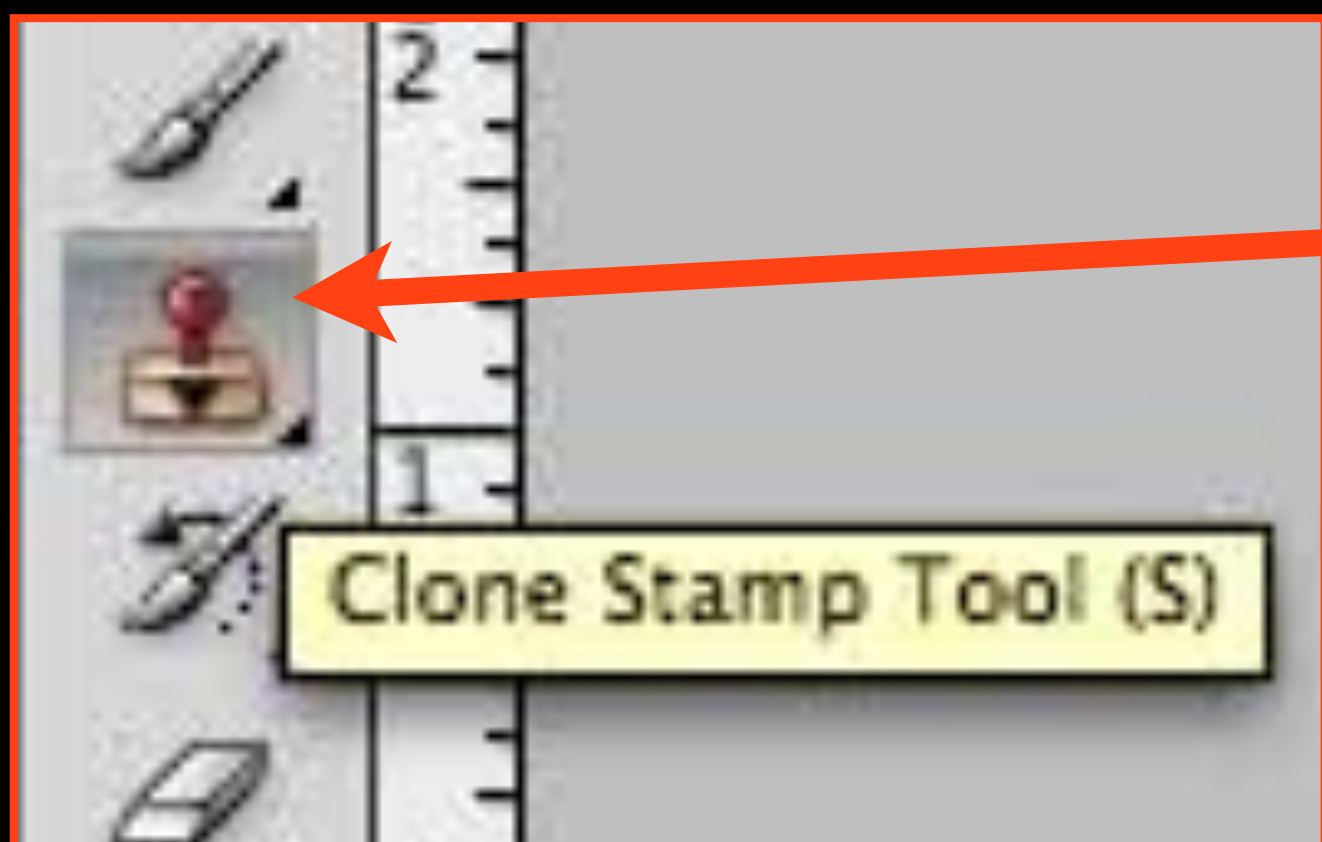


Dust Removal

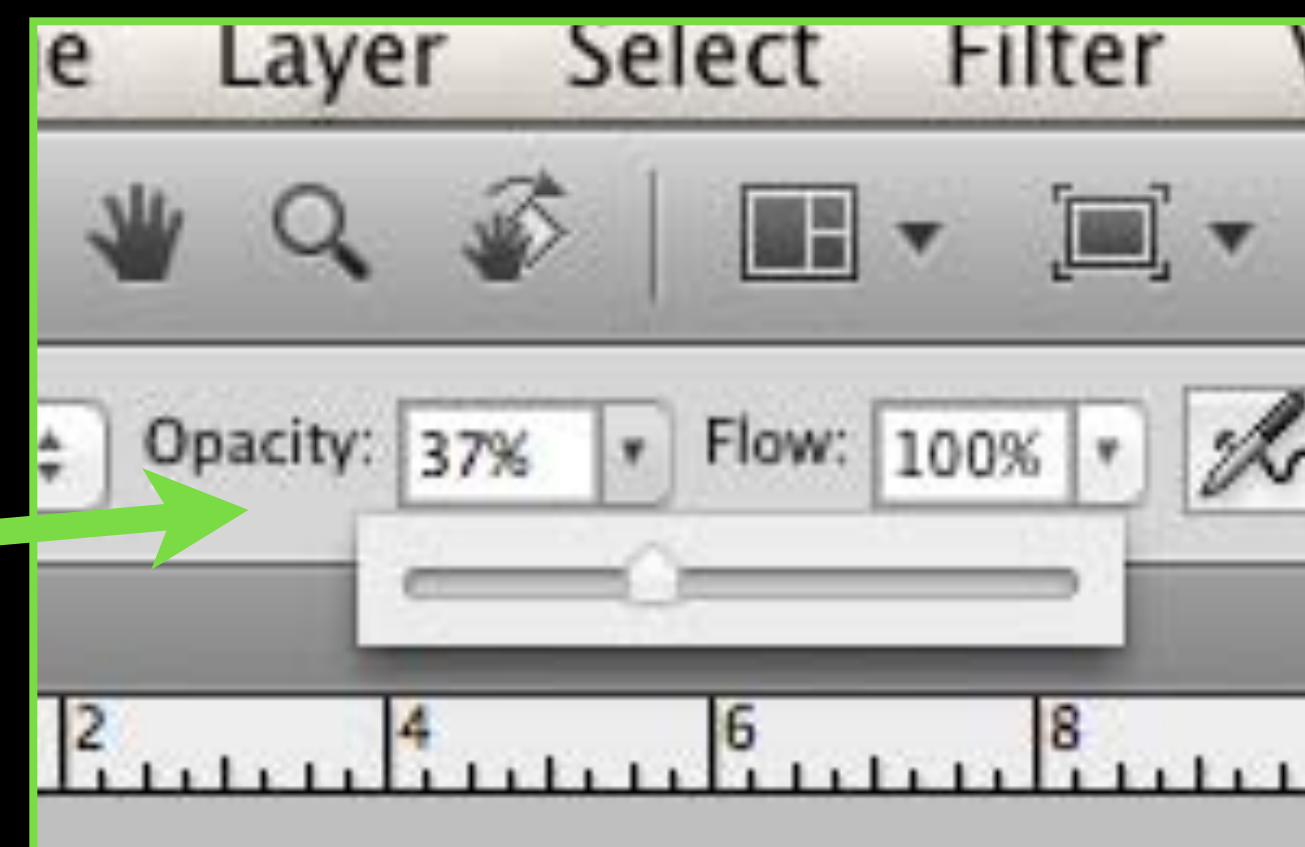
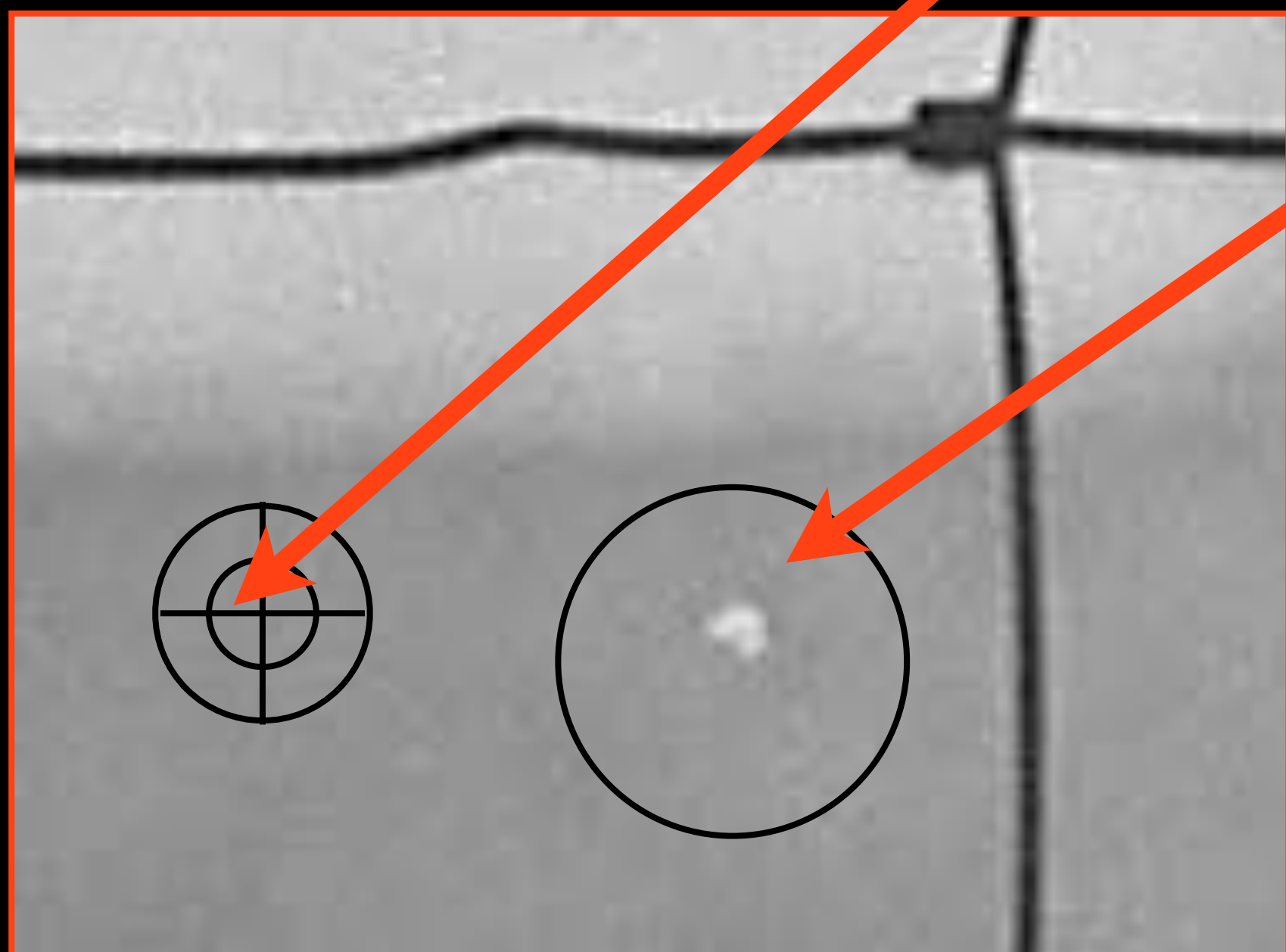
19. On a flattened image (only one layer) Use the Spot Healing Brush Tool (J) to select dust that needs to be removed.

Adjust the Diameter as needed and make the Hardness 0%





20. You can also use the Clone Stamp Tool (S) for more specific editing. Hold Option to select where you are copying from, then let go and click to paste.

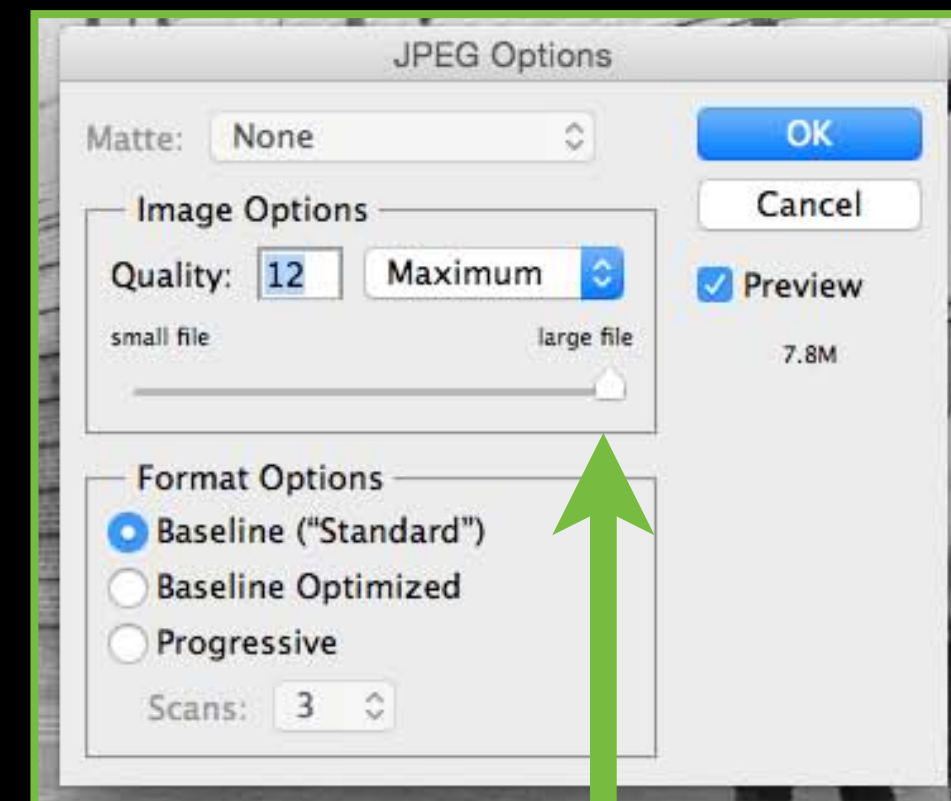
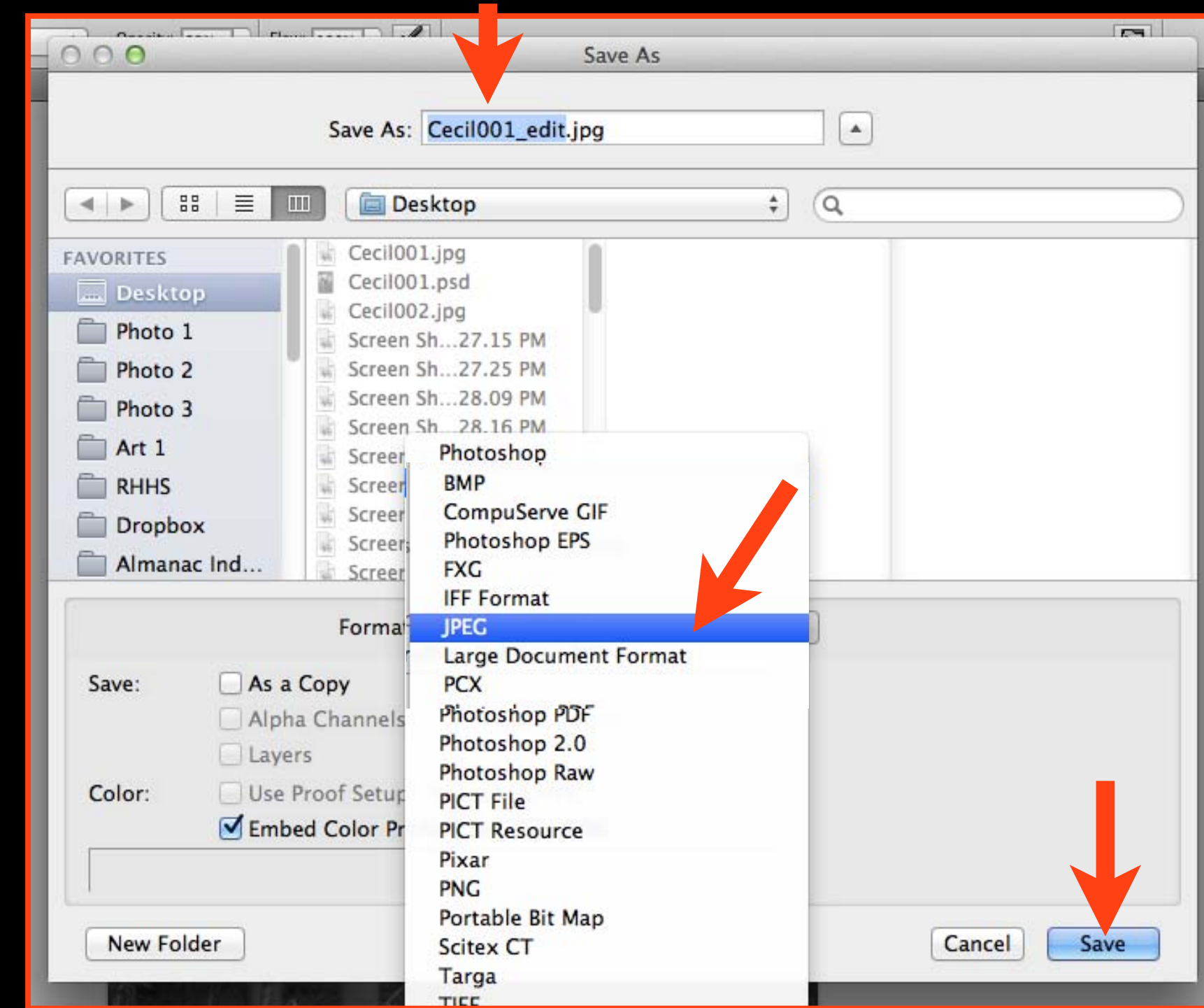
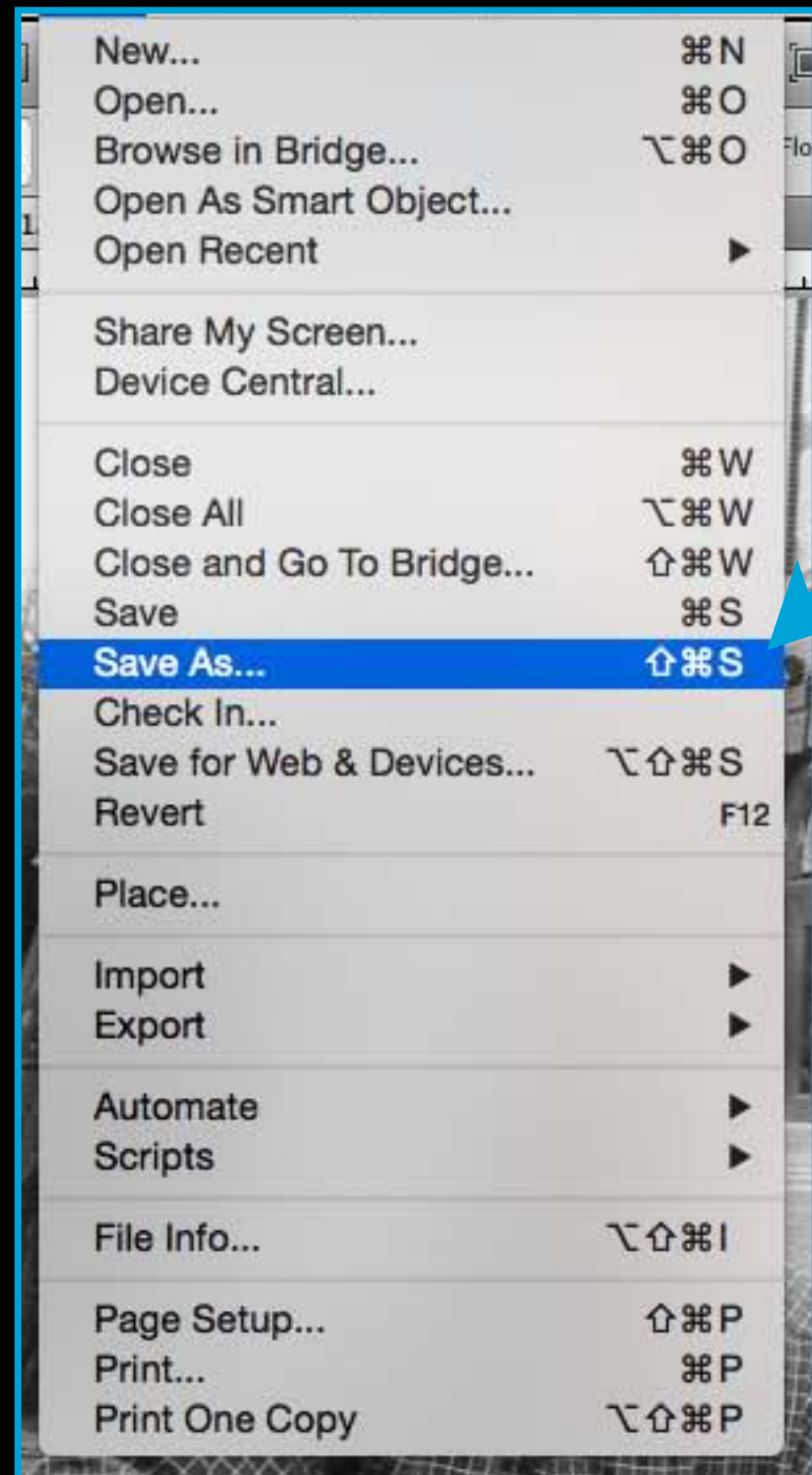


21. Adjust the Diameter and Hardness like before but also adjust the Opacity (I usually leave it around 30-40%).

Saving

23. Save As, add “edit” to the name and change Format to JPEG if it is not

22. Go to File > Save As

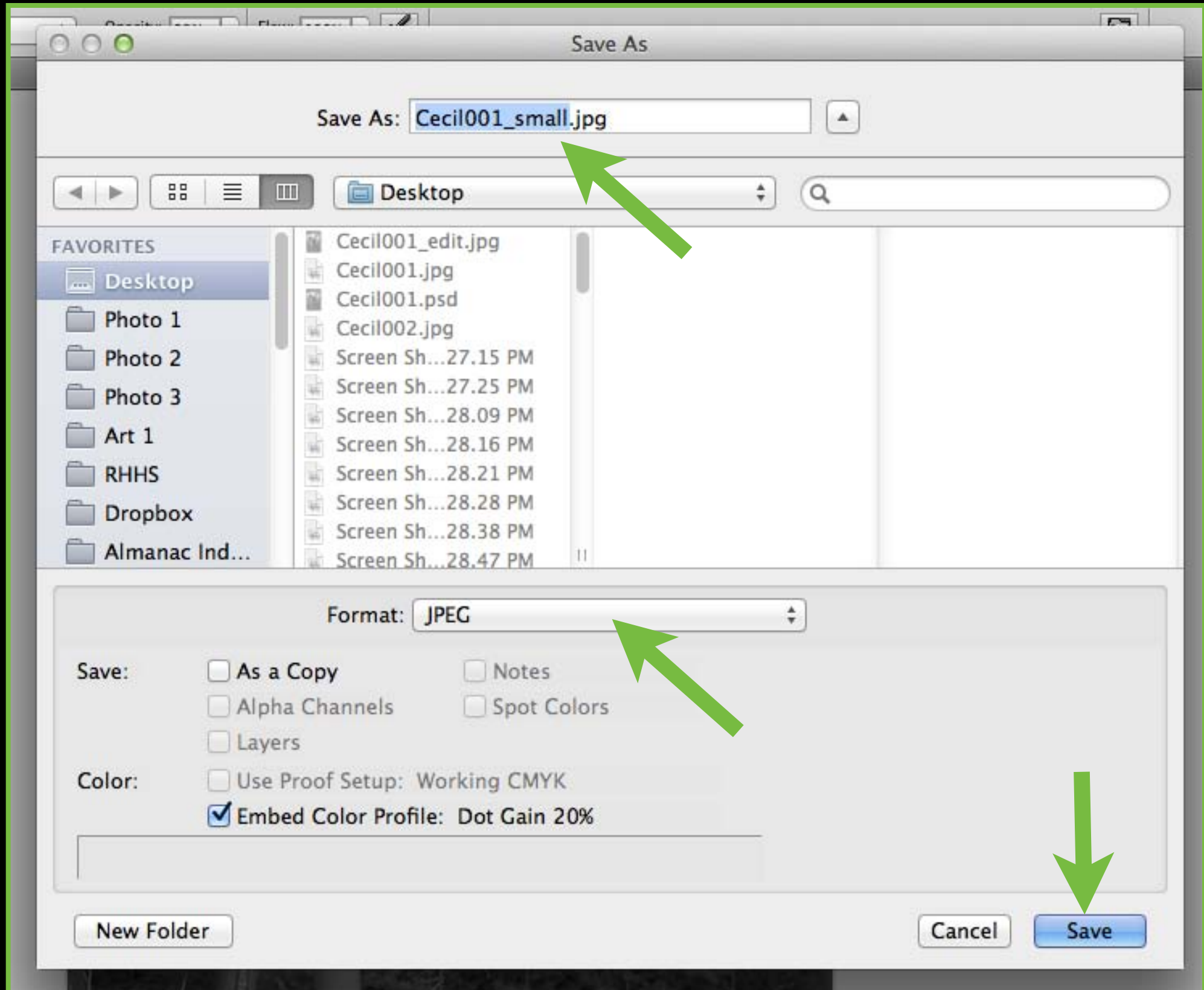
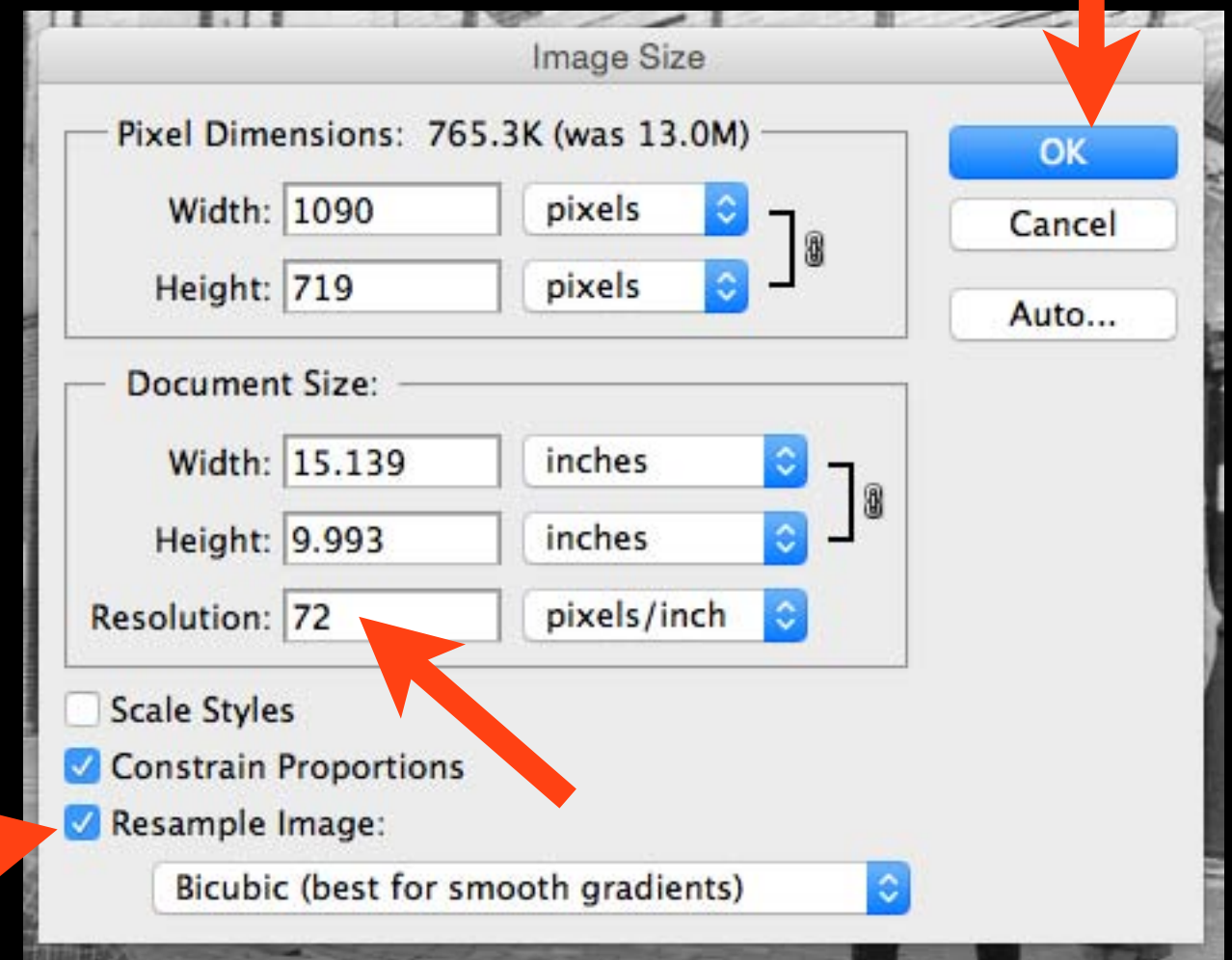
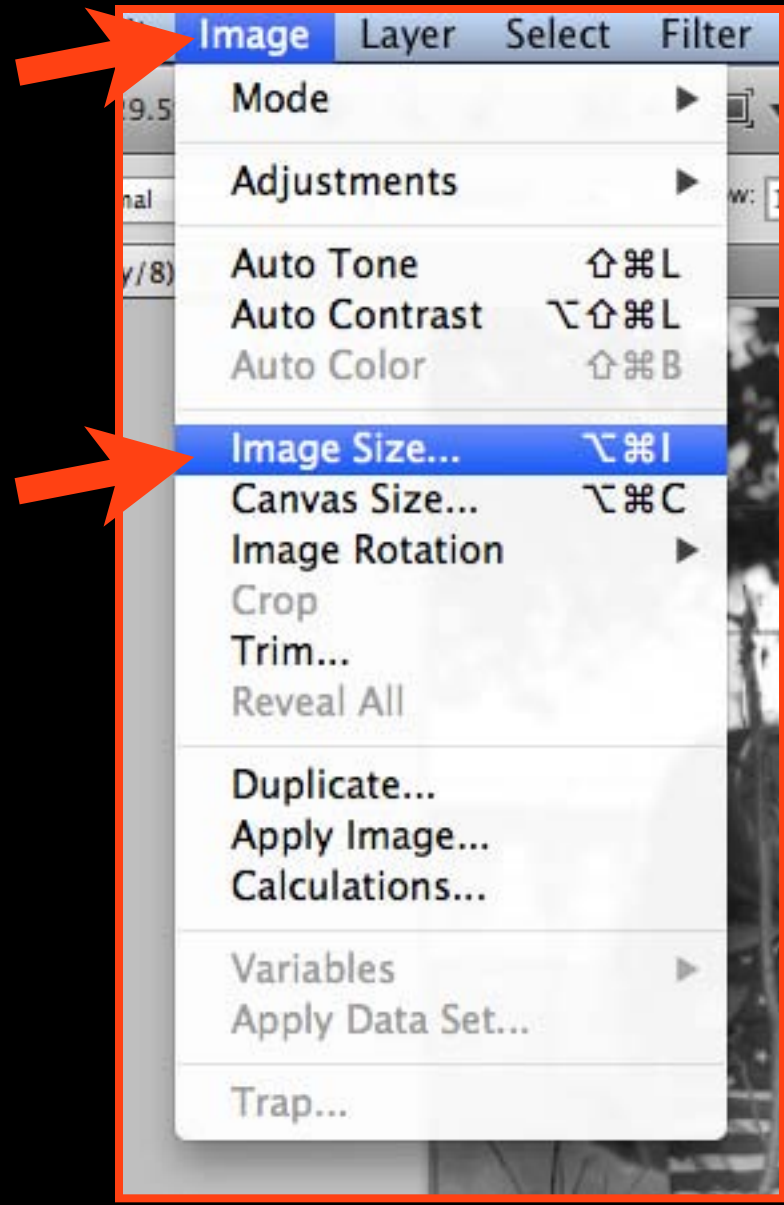
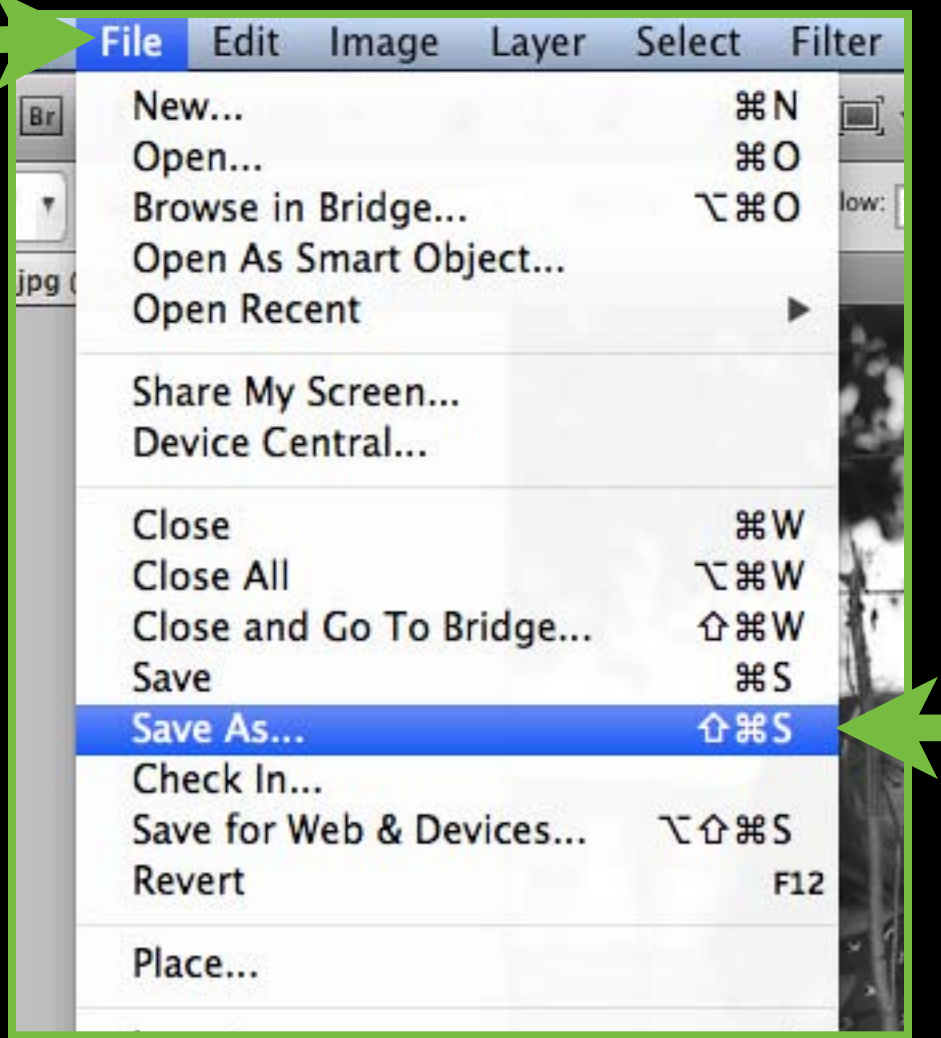


24. Drag the slider to the right for maximum quality

Resizing

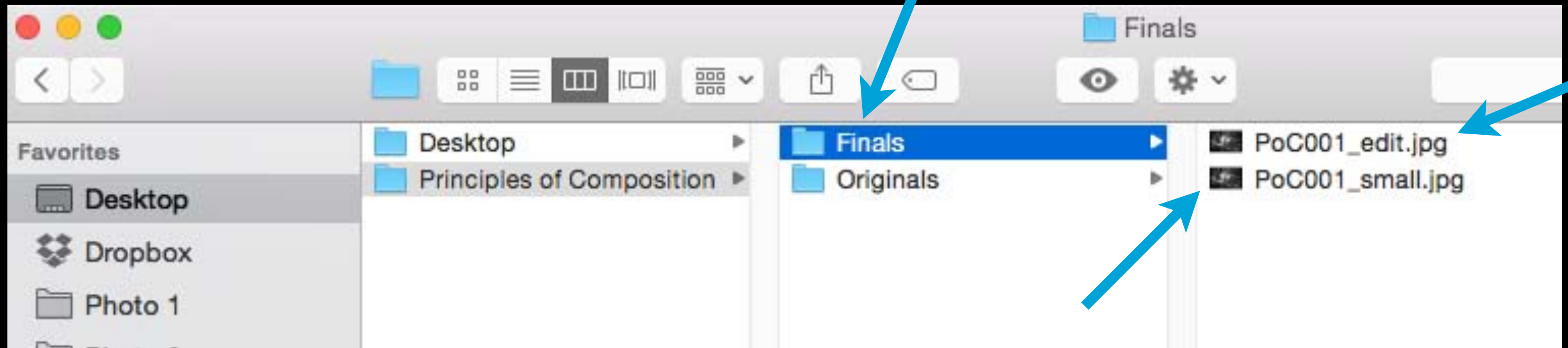
25. Resize for Mahara by going to Image>Image Size. Check Resample Image, and change the resolution to 72 (ignore width and height)

26. Save As, add "small" to the name, save as a JPEG



Rename your final files with the name of the assignment

Make an Originals folder and a Finals folder to separate your photos



You now have 2 versions of your scan in addition to the original:

1. Edited file, flattened, and saved as a JPEG at 300 resolution
2. Edited file saved as a JPEG resized to 72 resolution for Mahara