

BASIC PHOTOGRAPHY IV

ADVANCED DIGITAL

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WEEK 8

FINE TUNING THE PROOF & PRINTING

**PROOF PRINTING AND FINE-TUNING
MAKING THE FINE PRINT
HANDLING WORKS ON PAPER**

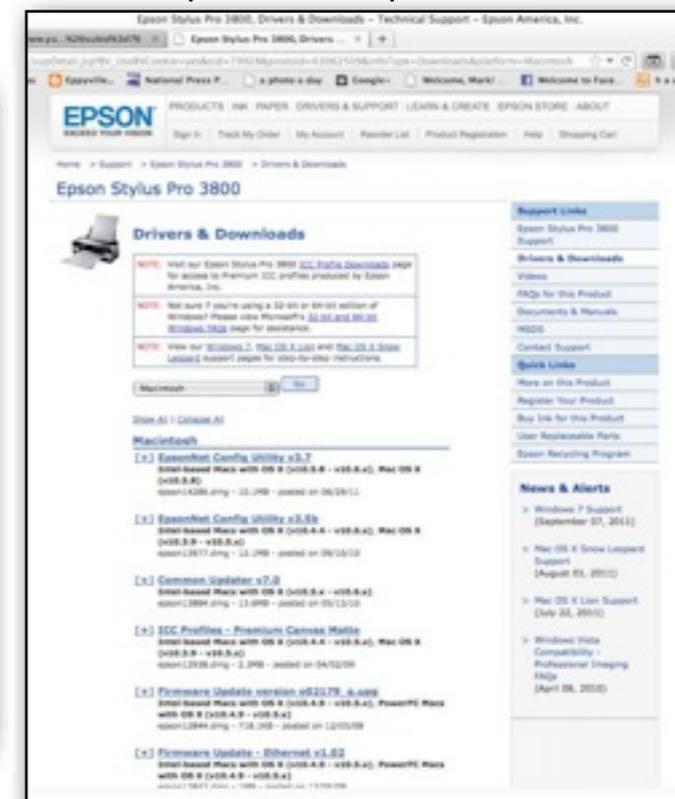
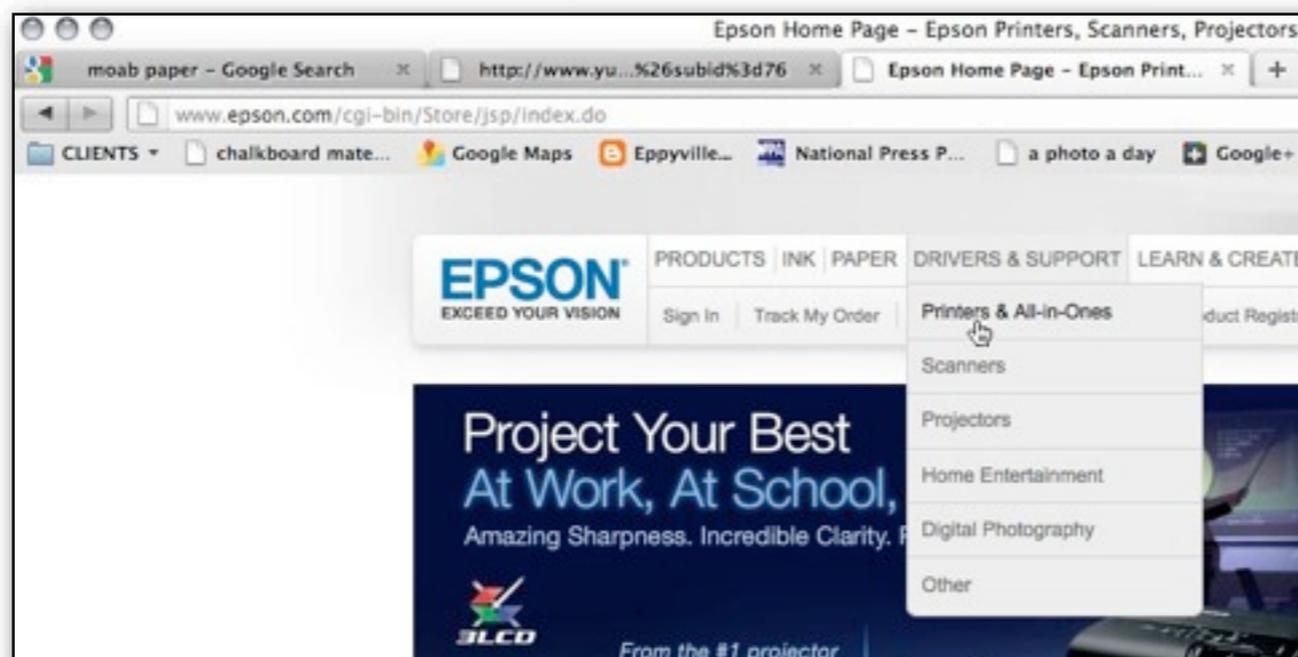
INSTALLING YOUR PRINTER DOWNLOAD & INSTALL PRINTER DRIVERS

Go to your printer manufacturer's website (example: www.epson.com)

Go to the SUPPORT or DOWNLOADS section, or to your printer's info page - or search to locate the current software available for your printer. DOWNLOAD and INSTALL the software on your computer.

NOTE: Usually the software on the CD that ships with your printer needs to be updated before use. It's usually best to leave the CD untouched and download the latest software.

In MAC OS, after installing the printer software, go to **SYSTEM PREFERENCES > PRINT & FAX** to add a printer. The printer must be connected to the computer via printer



INSTALLING PRINTER PROFILES

DOWNLOAD & INSTALL ICC PROFILES FOR YOUR PRINTER & PAPER

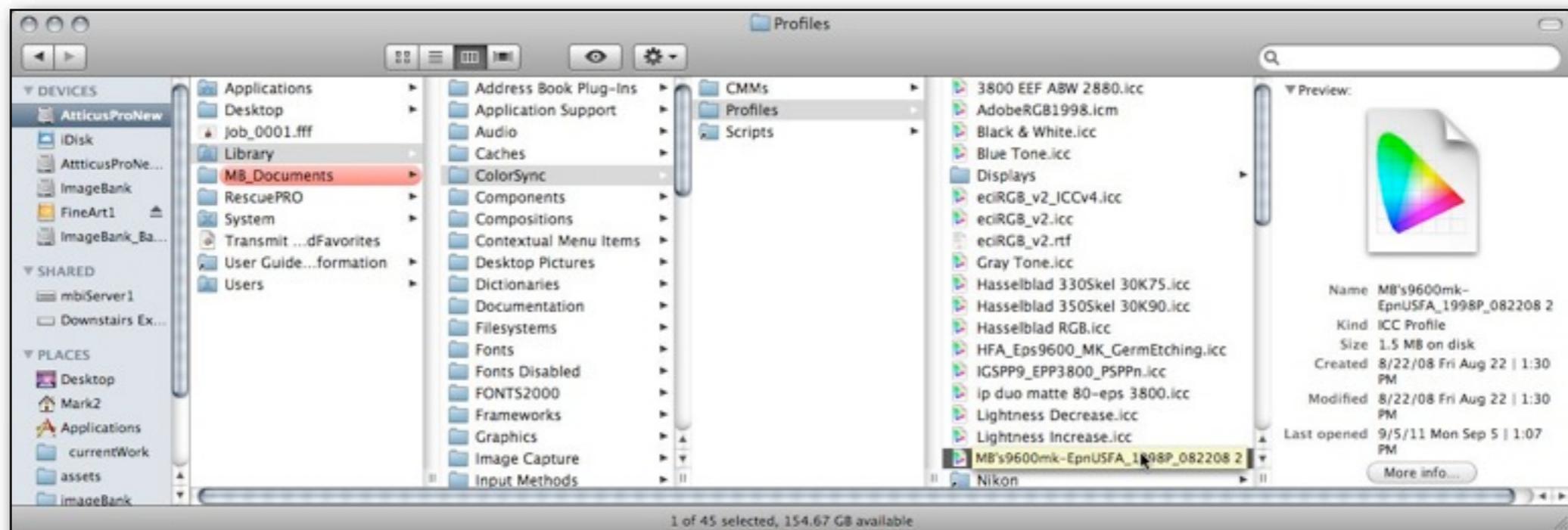
Go to your paper manufacturer's website (ex: www.epson.com or www.moabpaper.com)

Go to the SUPPORT or DOWNLOADS section, or your paper's info page, or otherwise locate the ICC PROFILE for your specific printer/paper/ink combination. Download the profile to your desktop.

In MAC OS, drag the profile to your **MAIN HARD DRIVE > LIBRARY > COLOR SYNC > PROFILES** and drop it into the folder.

Do this for every paper you wish to use, and make note of the ICC Profile NAMES as they can be difficult to decipher when choosing from a long list of profiles.

RESTART PHOTOSHOP to that it can rebuild its profile list.



PRINT SETTINGS IN PHOTOSHOP

USE PHOTOSHOP TO PROOF AND PRINT YOUR IMAGE FILES

LOAD a sheet of paper into the printer

OPEN your PROOFING FILE in PHOTOSHOP

IN PHOTOSHOP CS5:

SELECT **FILE > PRINT** to open the PRINT DIALOGUE BOX

IN THE CENTER COLUMN:

SELECT YOUR PRINTER in the top-most drop-down menu

Leave **COPIES** set to "1"

Next to **PRINT SETTINGS** select the PAPER ORIENTATION

Click to **OPEN PRINT SETTINGS**

SELECT your PAPER SIZE from the drop-down menu

In the **LAYOUT** drop-down menu SELECT **PRINT SETTINGS**, and **SET OPTIONS** based on your specific paper. Set **COLOR SETTINGS** to **OFF**

Switch to **PAPER CONFIGURATION** in the drop-down and set **COLOR DENSITY** to **-10%**

Click **SAVE** to return to the PHOTOSHOP dialogue

IN THE RIGHT COLUMN:

SET **COLOR MANAGEMENT** to **DOCUMENT**

SET **PHOTOSHOP MANAGES COLOR**

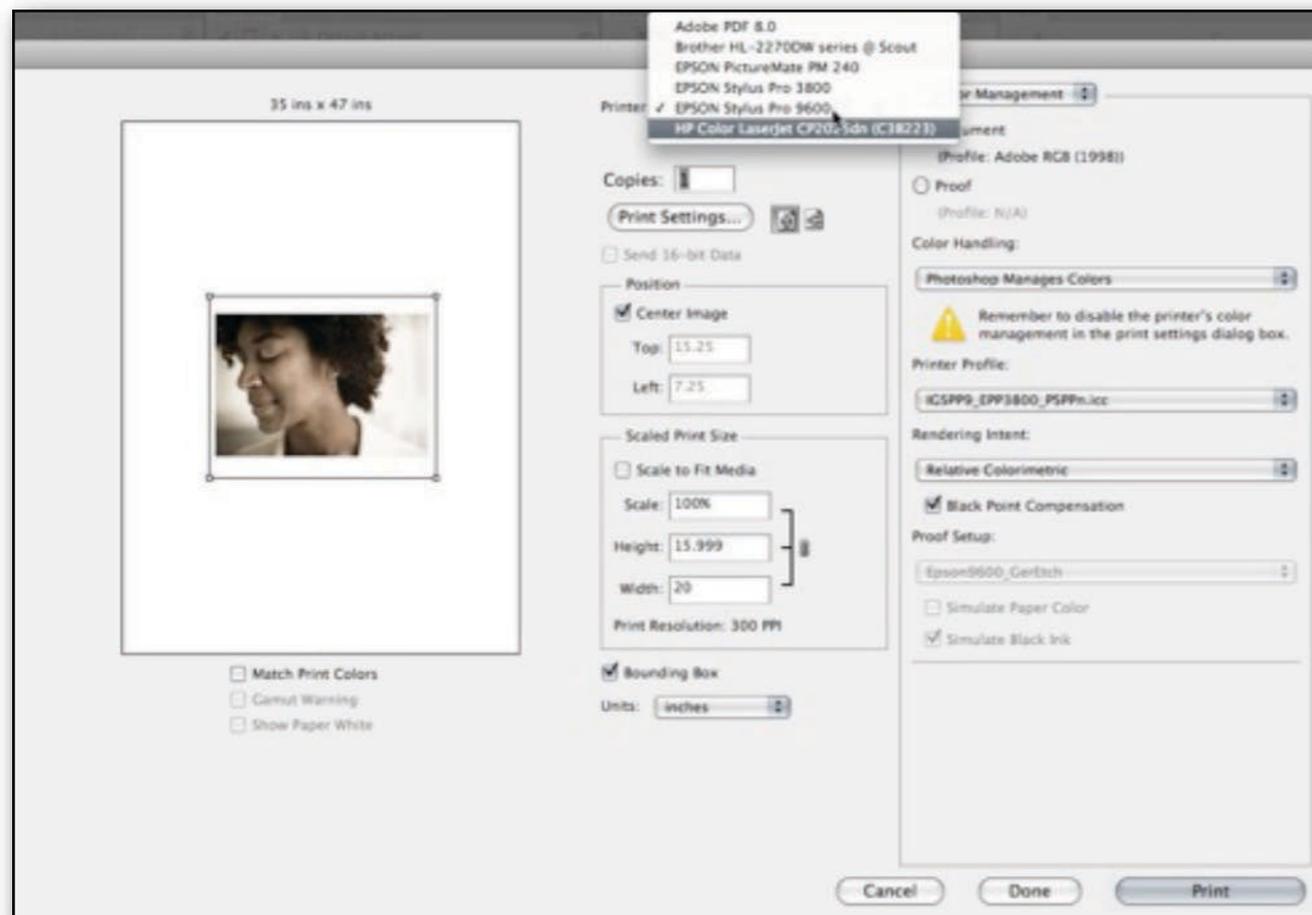
SELECT the proper **ICC PROFILE** from the profile drop-down menu

SET RENDERING INTENT based on PAPER SPECIFICATIONS (usually perceptual)

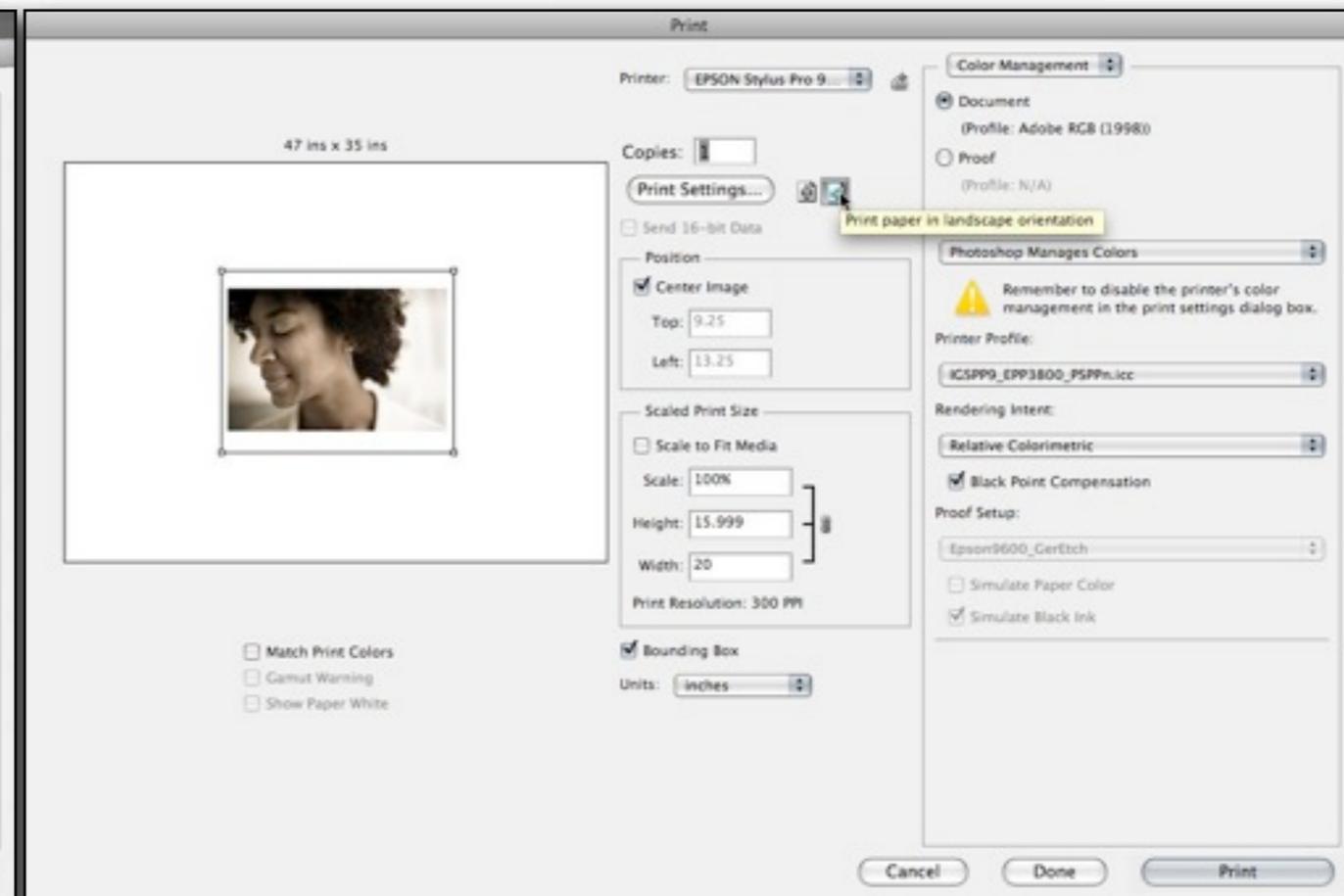
CLICK "PRINT"

PRINT SETTINGS IN PHOTOSHOP

USE PHOTOSHOP TO PROOF AND PRINT YOUR IMAGE FILES



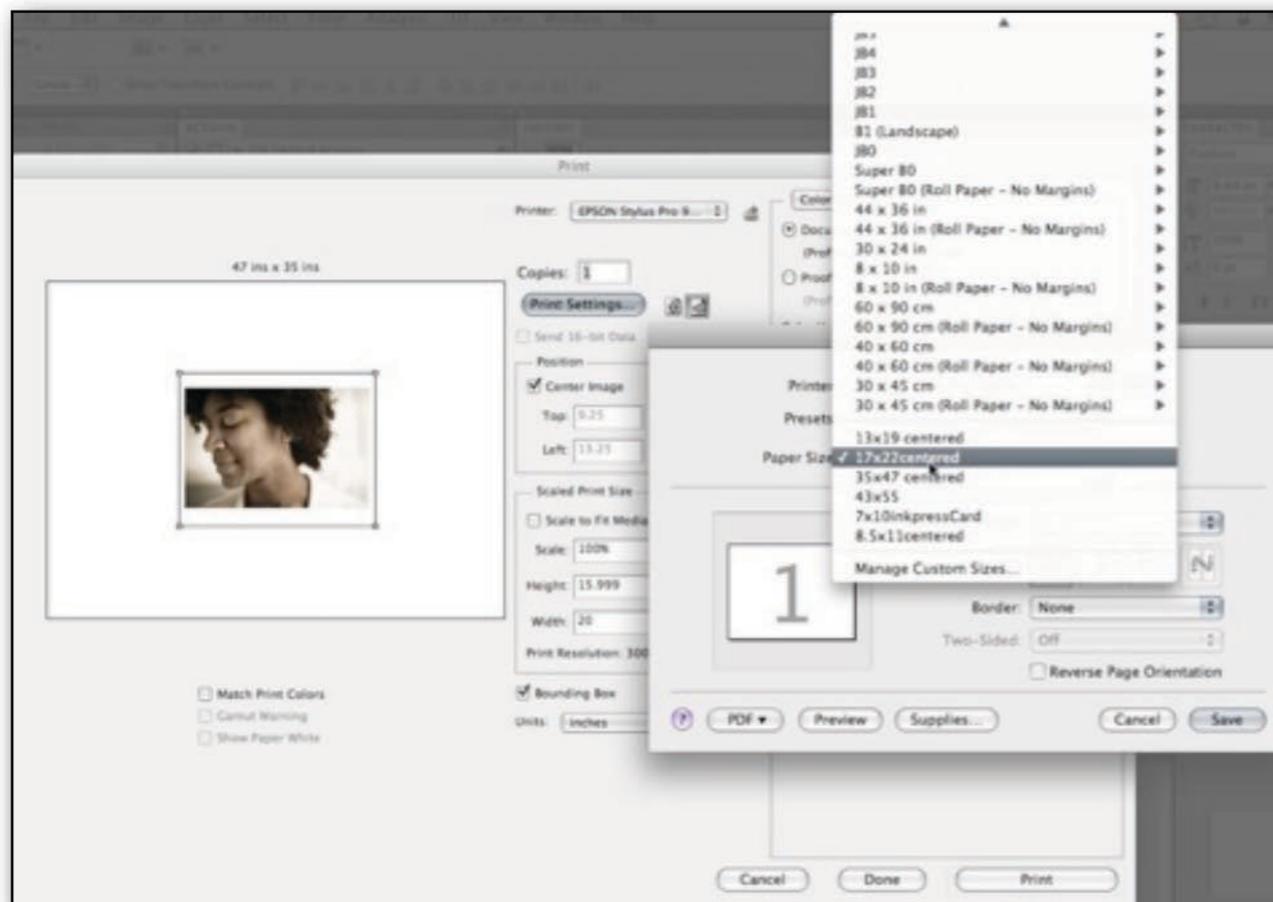
SELECT PRINTER



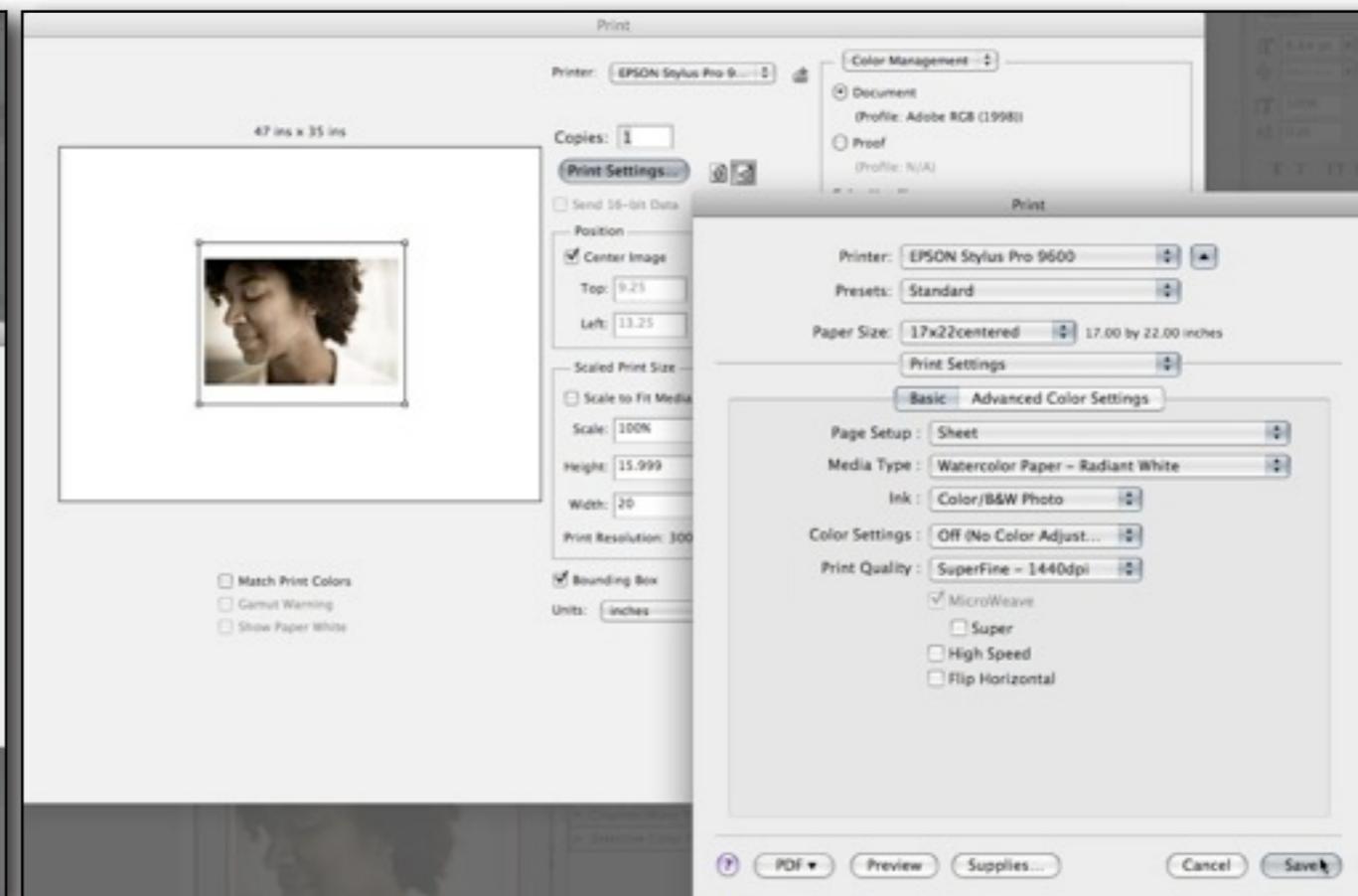
SELECT ORIENTATION

PRINT SETTINGS IN PHOTOSHOP

USE PHOTOSHOP TO PROOF AND PRINT YOUR IMAGE FILES



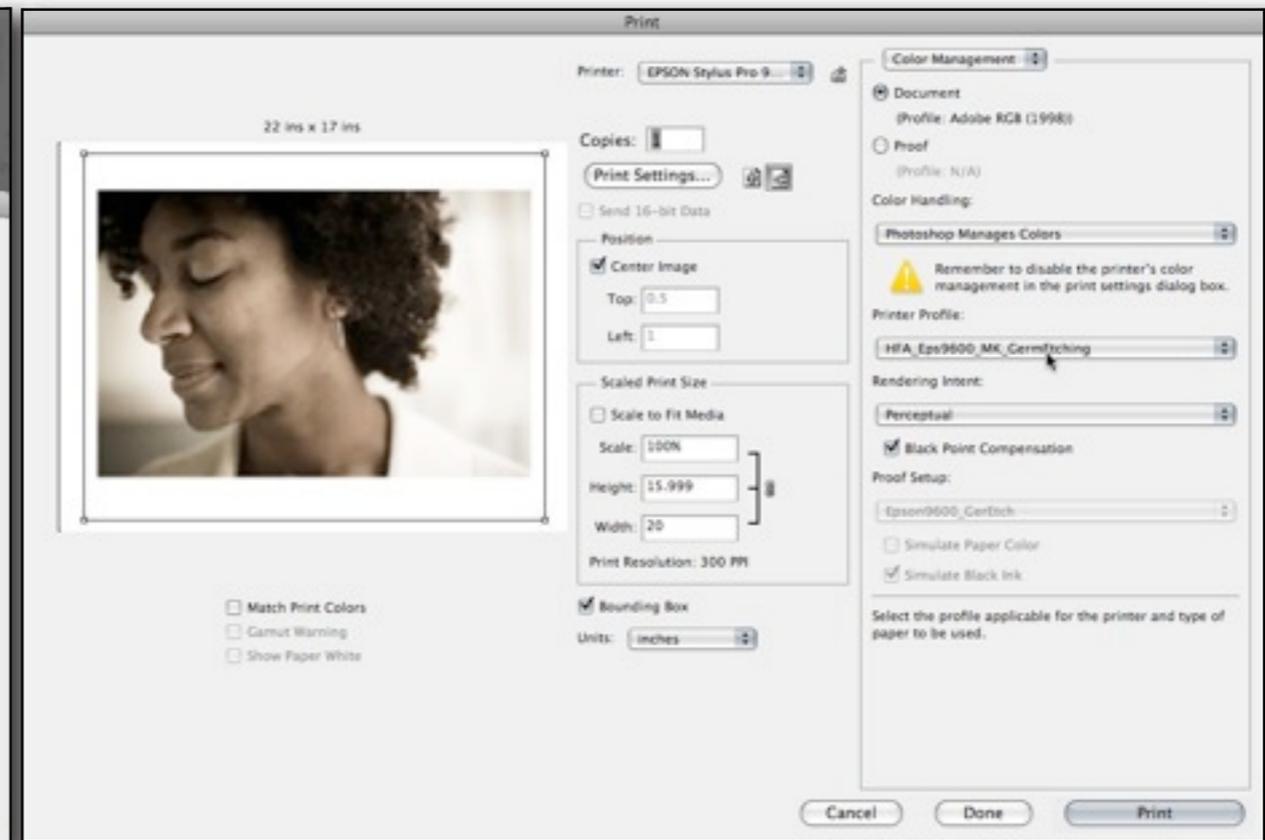
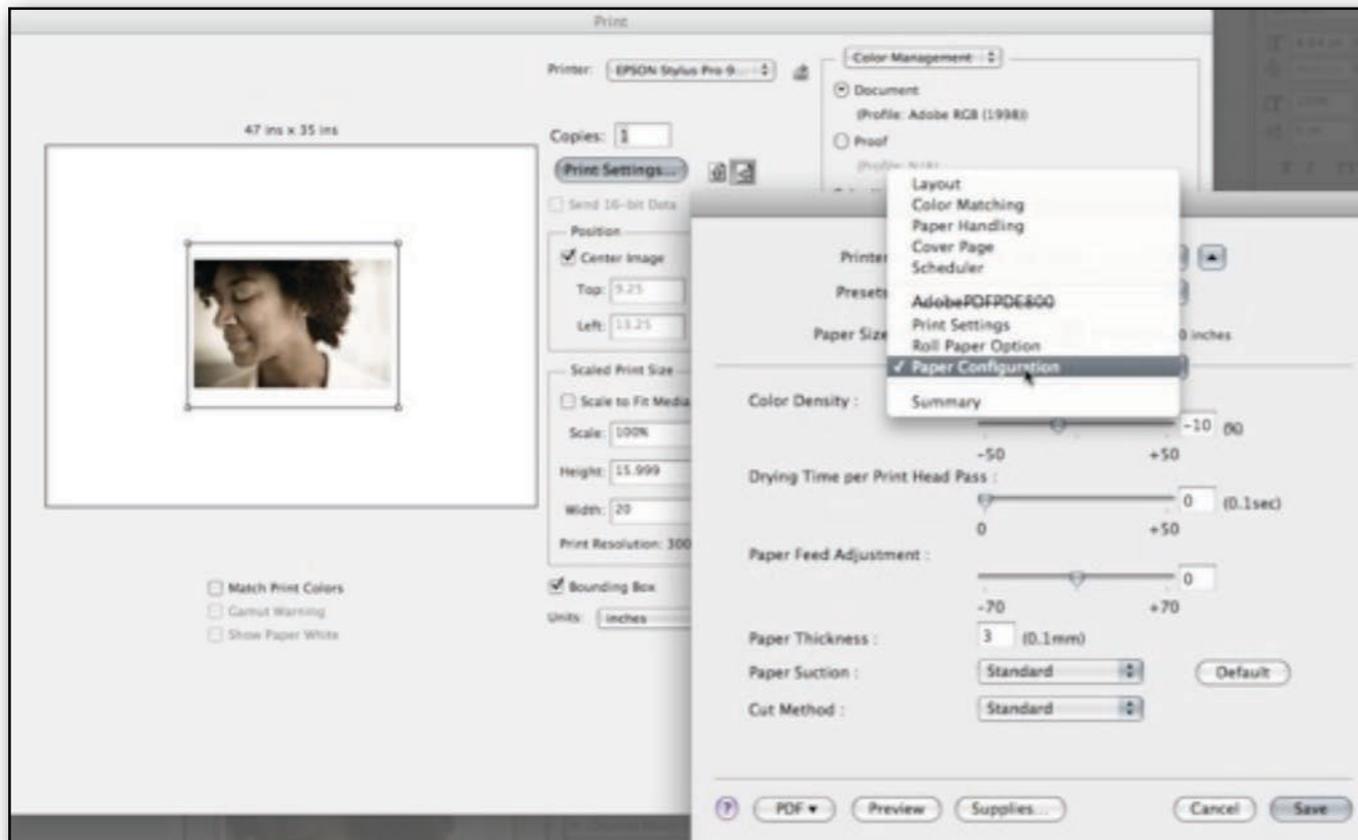
SELECT PAPER SIZE
*NOTE: CREATE CUSTOM PAPER SIZES
TO ENSURE CENTERED PRINTING*



SET PRINT SETTINGS
BASED ON PAPER SPECIFICATIONS
CHOOSE COLOR SETTINGS: "OFF"

PRINT SETTINGS IN PHOTOSHOP

USE PHOTOSHOP TO PROOF AND PRINT YOUR IMAGE FILES



ADJUST COLOR DENSITY IN PAPER CONFIGURATION
TO REDUCE INKFLOW
(I FIND THIS PREVENTS BLOCKED SHADOWS
WITHOUT NOTICEABLE CONTRAST LOSS)

CHOOSE "Photoshop Manages Color" + proper profile

PRINT SETTINGS IN PHOTOSHOP

USE PHOTOSHOP TO SOFT-PROOF AND PRINT YOUR IMAGE FILES

With older versions of Photoshop some settings must be made after setting the PHOTOSHOP PRINT DIALOGUE in an additional Epson PRINT DIALOGUE BOX that appears after you click **PRINT** in Photoshop.

In the Epson PRINT DIALOGUE BOX:

SELECT PAPER SIZE

In the LAYOUT drop-down menu SELECT **PRINT SETTINGS**, and **SET OPTIONS** based on your specific paper. SET **COLOR SETTINGS** to **OFF**

SWITCH TO

Switch to **COLOR MANAGEMENT** in the drop-down menu and set to **OFF**

Switch to **PAPER CONFIGURATION** in the drop-down menu and set

COLOR DENSITY to **-10%**

Click **PRINT**

PROOF PRINTING & FINE TUNING

PRINT REDUCED-SIZE PROOFS AND ADJUST BEFORE MAKING LARGE FINAL PRINTS

LABEL AND EVALUATE your first proof print. Note details about your settings + “no corrections”.

Your proof should look very close to the images you see on-screen. If not, re-check all settings. If you are gang-proofing, usually *all* images will exhibit similar discrepancies with the screen image if the proof group was prepared consistently, meaning that a single adjustment to the file will make the images more acceptable.

In PHOTOSHOP, **ADD A CURVE LAYER** to the top of your layer stack to make GLOBAL ADJUSTMENTS to the images based on what discrepancies you see in the proof.

NOTE: Your adjustments create changes that are THE OPPOSITE of what you feel is wrong with the file - ie. if the proof is too dark, and the proof looks right on screen, you will make an adjustment that renders the view on-screen looking too light. You will adjust the file so that it doesn't look exactly right on-screen, but prints properly.

PROOF AGAIN (#2) and evaluate the effects of your adjustment layer.

Continue this process until you are happy with the printed proof.

NOW. **OPEN** your INDIVIDUAL or STACKED PRINTING TEMPLATE DOCUMENT

SHIFT-DRAG the GLOBAL CURVE ADJUSTMENT LAYER from the top of the proof file's layers palette to the TOP of your PRINTING TEMPLATE file to apply the adjustment to all layers in the file.

ACTIVATE one layer at a time and PRINT. Set your print dialogue settings exactly as you did while proofing.

HANDLING WORKS ON PAPER

EXTEND LONGEVITY AND REDUCE WASTE

Wear COTTON GLOVES to prevent oil contamination

Store papers in MODERATE TEMPERATURE and HUMIDITY

HANDLE PAPER by HOLDING CORNER to prevent kinks and creases

Select and stack paper sheets gently to prevent surface scuffing.

DRY PRINTS for 24 HOURS to allow ink out-gassing and extend longevity

TRIM PAPER to actual print size using crop marks.

Use a high-end rotary paper cutter for straight edges

Hand tear prints for deckled edges

SIGN, NUMBER, TITLE and “CHOP” prints for identification and authenticity

STORE in PLASTIC SLEEVES with INTERLEAVING TISSUE in ARCHIVAL STORAGE BOXES

HANDLING WORKS ON PAPER

SCORING, HAND-TEARING, SIGNING, PACKAGING



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GO MAKE SOME PRINTS!