# Put It On Paper Part 2

January 28, 2021

Dennis Fritsche and Frank Richards

"The negative is the score, and the print the performance."
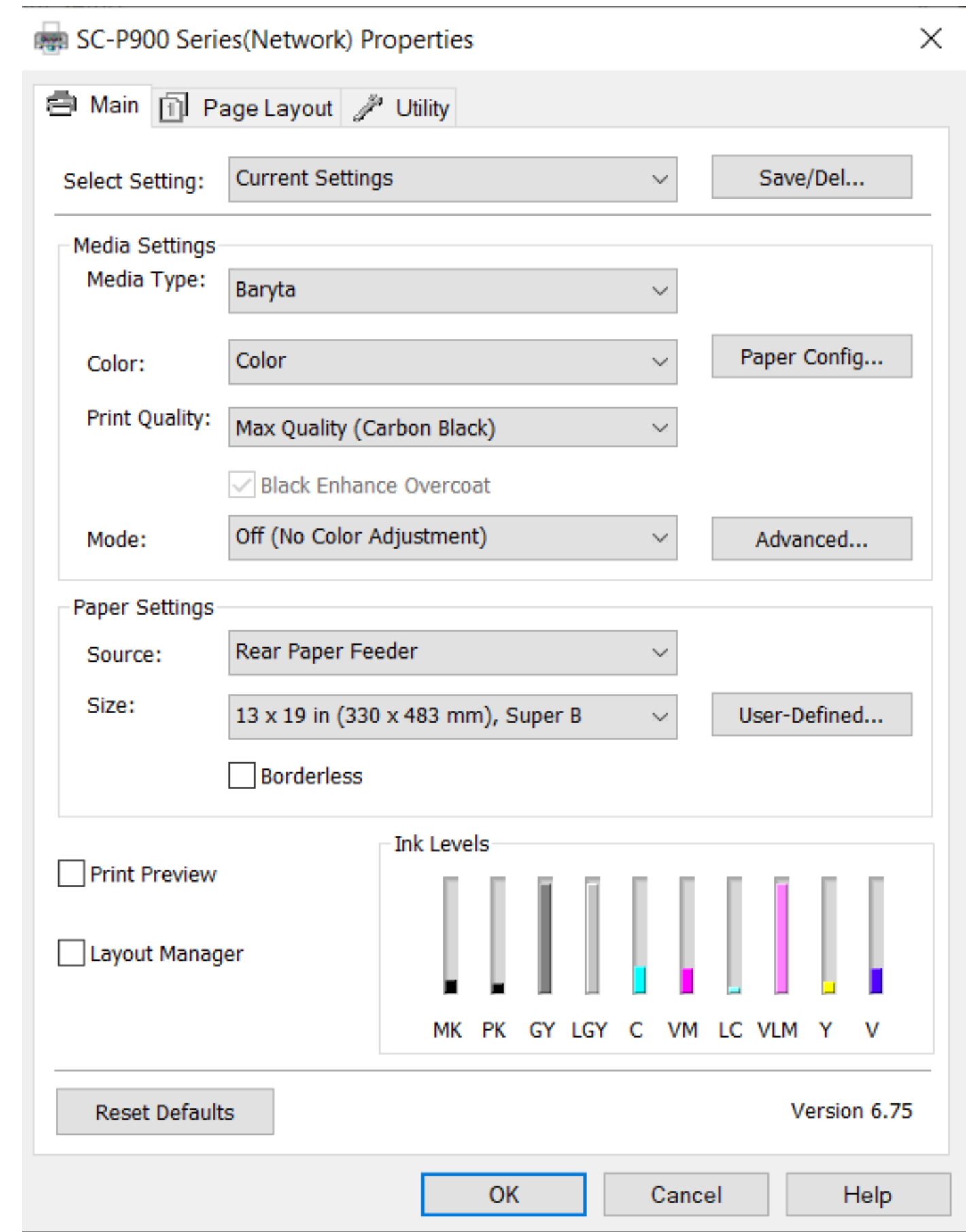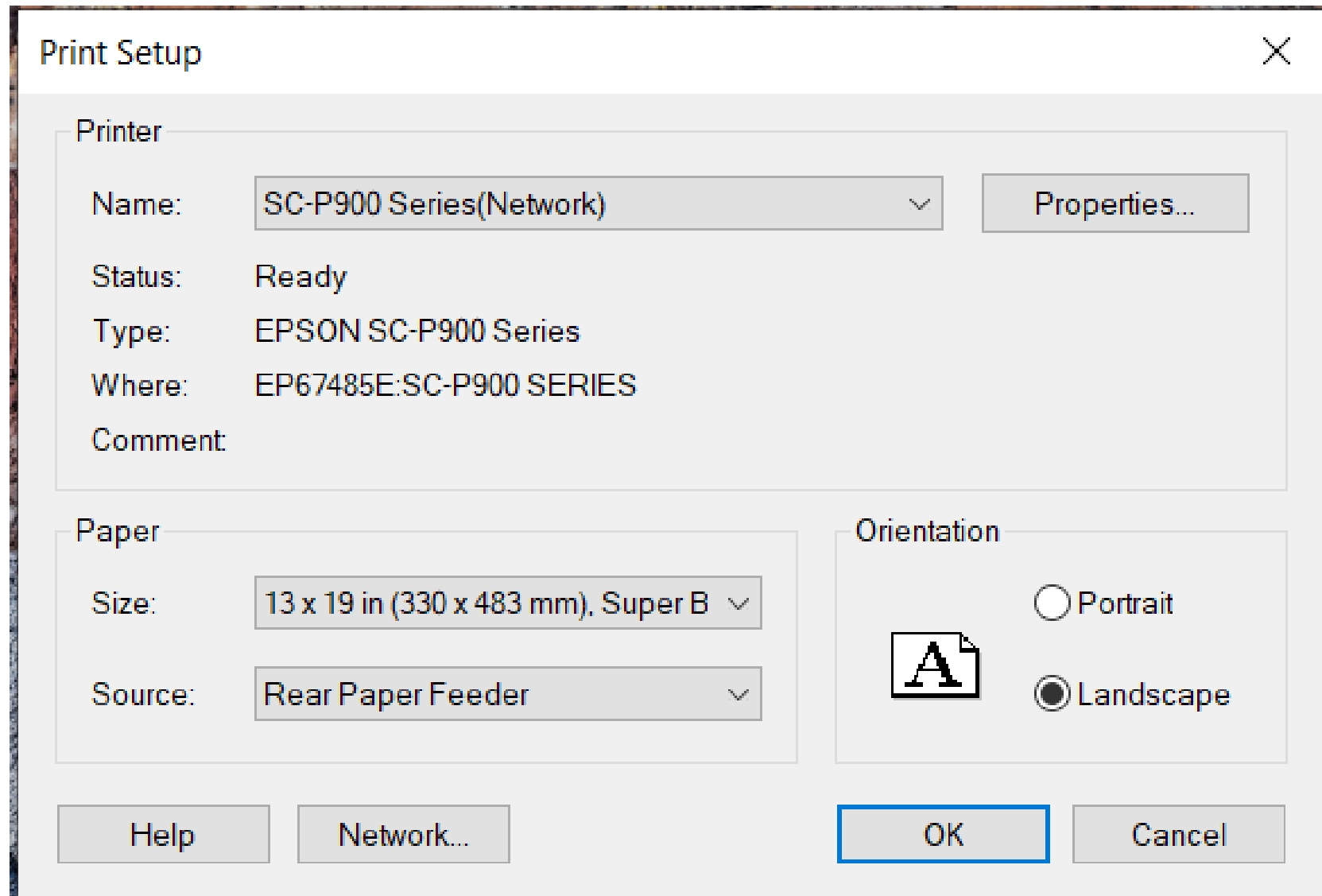
*- Ansel Adams*

# Topics – Part 2

- Questions from Part 1
- Printing from Lightroom to Your Printer
- Printing from Lightroom to a File and Ordering a Print
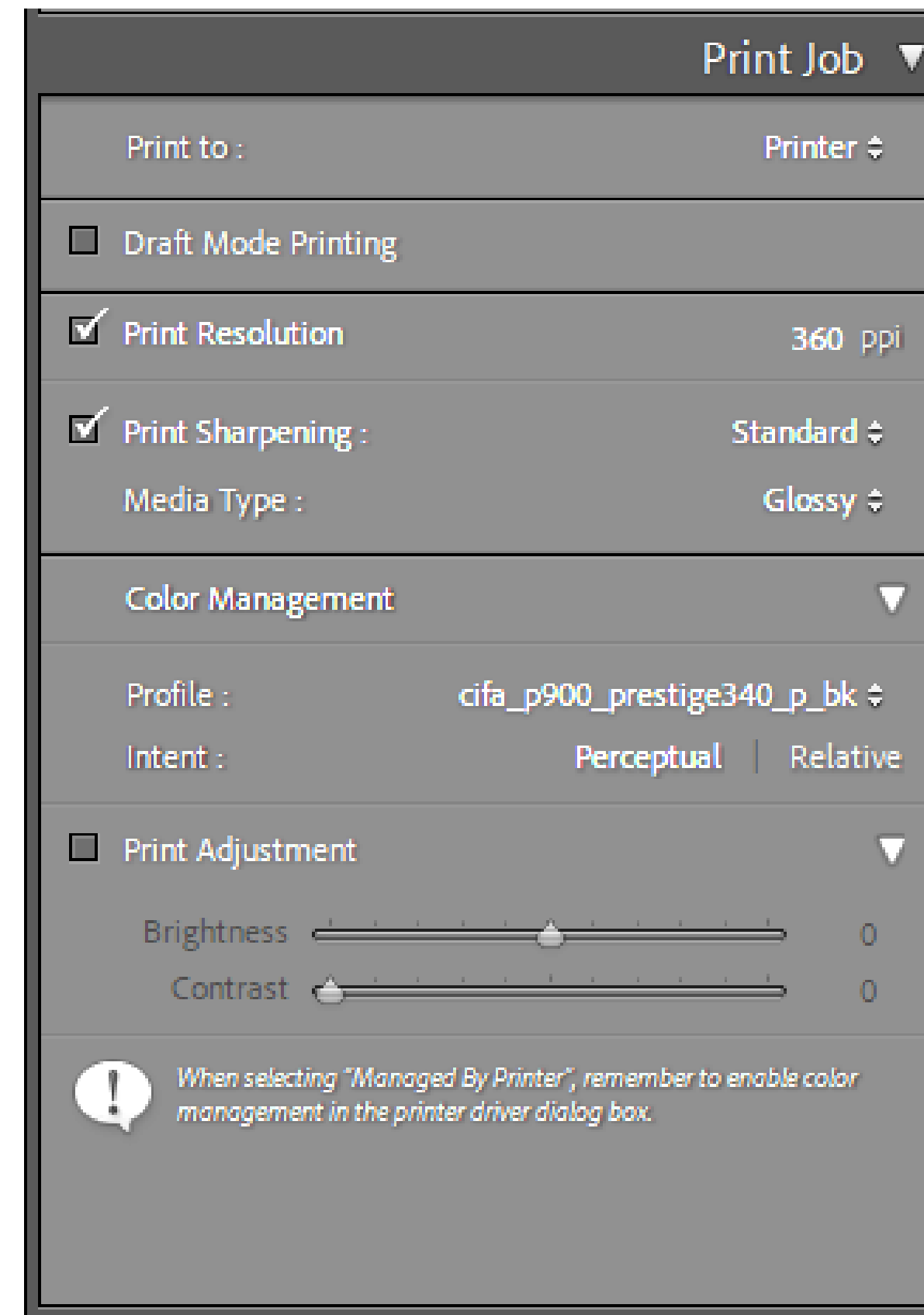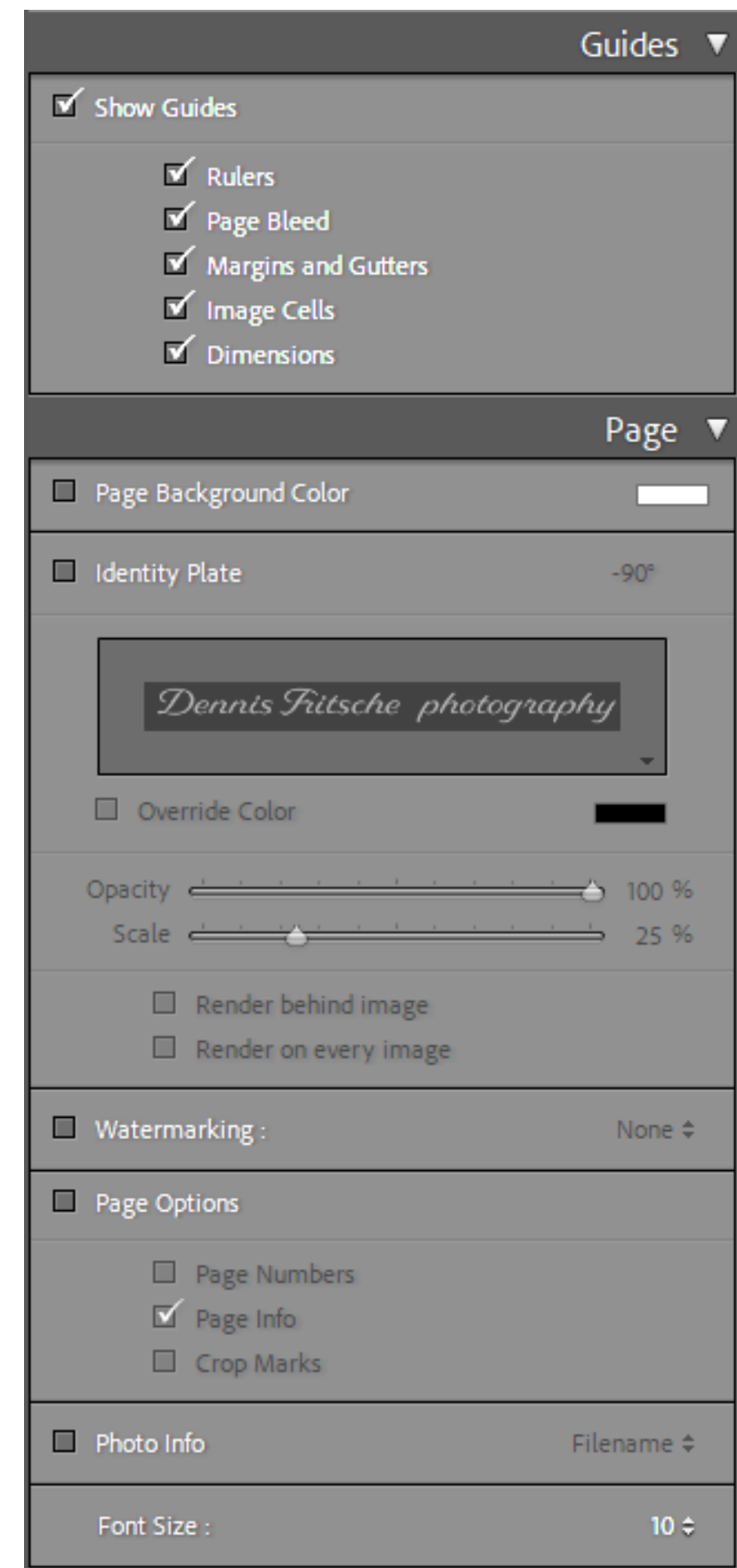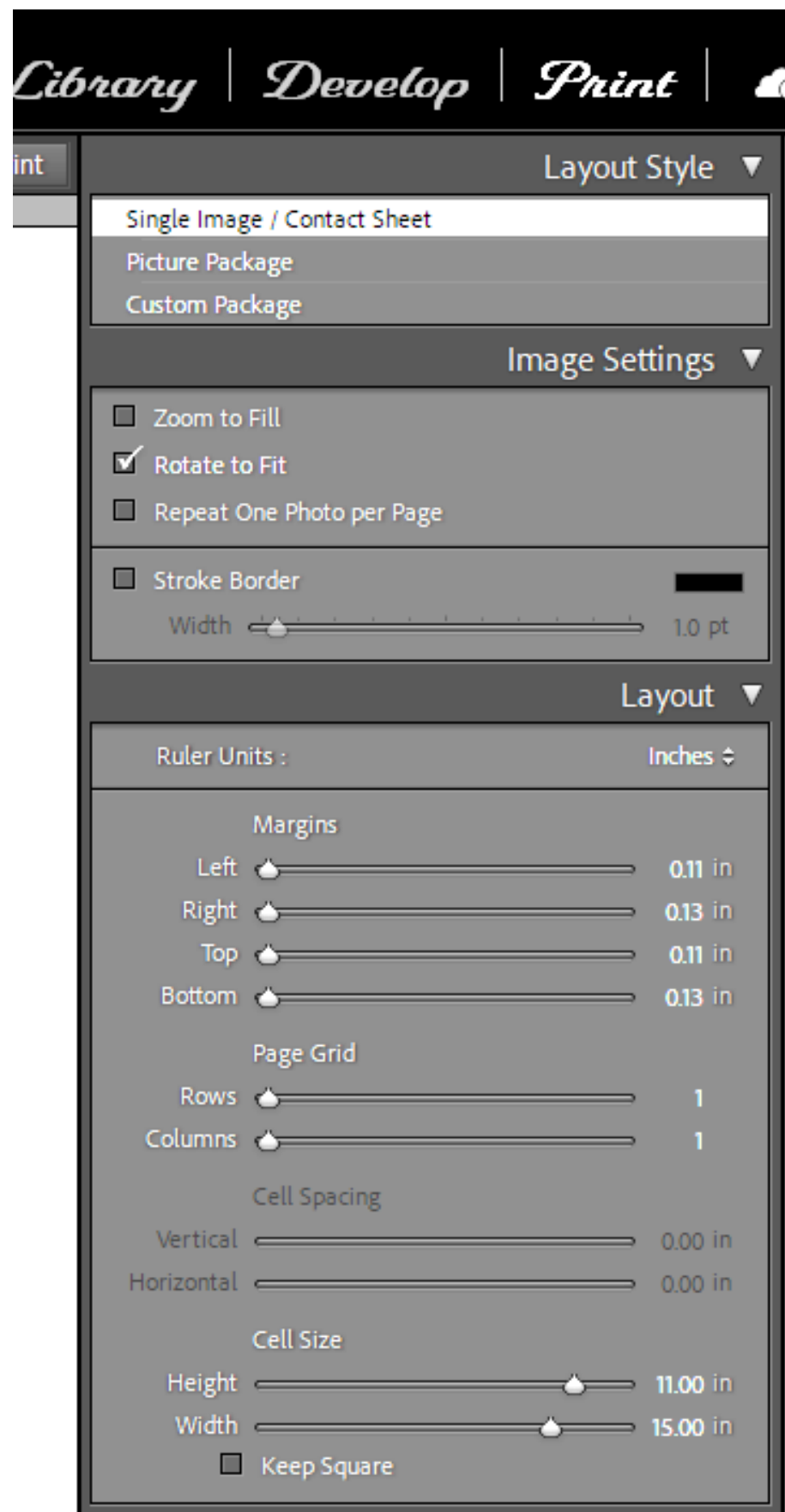- Mounting Your Photograph for the Contest

# Demonstration

Printing from LR to your local printer.

Color

# Printer Set Up and Properties for Epson - Color

# Lightroom Setup for Color

**Library | Develop | Print**

## Layout Style ▼

Single Image / Contact Sheet
Picture Package
Custom Package

## Image Settings ▼

☐ Zoom to Fill
☑ Rotate to Fit
☐ Repeat One Photo per Page

☐ Stroke Border
Width ———————○——————— 1.0 pt

## Layout ▼

Ruler Units :                         Inches ↕

### Margins
Left    ○——————————— 0.11 in
Right   ○——————————— 0.13 in
Top     ○——————————— 0.11 in
Bottom  ○——————————— 0.13 in

### Page Grid
Rows    ○——————————— 1
Columns ○——————————— 1

### Cell Spacing
Vertical   ○——————————— 0.00 in
Horizontal ○——————————— 0.00 in

### Cell Size
Height  ———————————○——— 11.00 in
Width   ————————————○—— 15.00 in
☐ Keep Square

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## Guides ▼

☑ Show Guides

☑ Rulers
☑ Page Bleed
☑ Margins and Gutters
☑ Image Cells
☑ Dimensions

## Page ▼

☐ Page Background Color          ▭

☐ Identity Plate               -90°

*Dennis Fritsche photography*

☐ Override Color               ▬

Opacity ——————————————○— 100 %
Scale   ———○—————————————— 25 %

☐ Render behind image
☐ Render on every image

☐ Watermarking :              None ↕

☐ Page Options
☐ Page Numbers
☑ Page Info
☐ Crop Marks

☐ Photo Info                Filename ↕

Font Size :                    10 ↕

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## Print Job ▼

Print to :                    Printer ↕

☐ Draft Mode Printing

☑ Print Resolution           360 ppi

☑ Print Sharpening :       Standard ↕
Media Type :                 Glossy ↕

### Color Management                ▼

Profile :    cifa_p900_prestige340_p_bk ↕
Intent :           Perceptual | Relative

☐ Print Adjustment                  ▼

Brightness ————————○————— 0
Contrast   ——○————————————— 0

(!) *When selecting "Managed By Printer", remember to enable color management in the printer driver dialog box.*

# Demonstration

Printing from LR to your local printer.

Black and White

# Two Ways to Print B&W
# Print Using Special B&W Modes

- Special printer B&W mode should create neutral prints
  - Usually available in printers with 3 black inks
  - Forces black inks to be used. Smoothes tonal variations and increases permanency.
  - May use color inks to create neutral black depending on paper
  - Monochrome images may be toned with a single color using color inks.
- If your printer has a B&W mode, try using it
  - Choose paper type, quality setting and appropriate ink.
    - For third party papers, try using settings the manufacturer provides with the color profile.
  - Choose B&W printing mode
  - Go to color controls to adjust tonality, tint, contrast and brightness
  - Choose either image processing software or printer to control color.

# Ways to Print B&W
# Print as a Color Image

- Convert image to B&W in post

- If your printer does not have B&W mode, print as you would any color image.

- Use ICC color profile based management
  - Printer tries to print neutral image
  - Most color profiles are not optimized for neutral gray
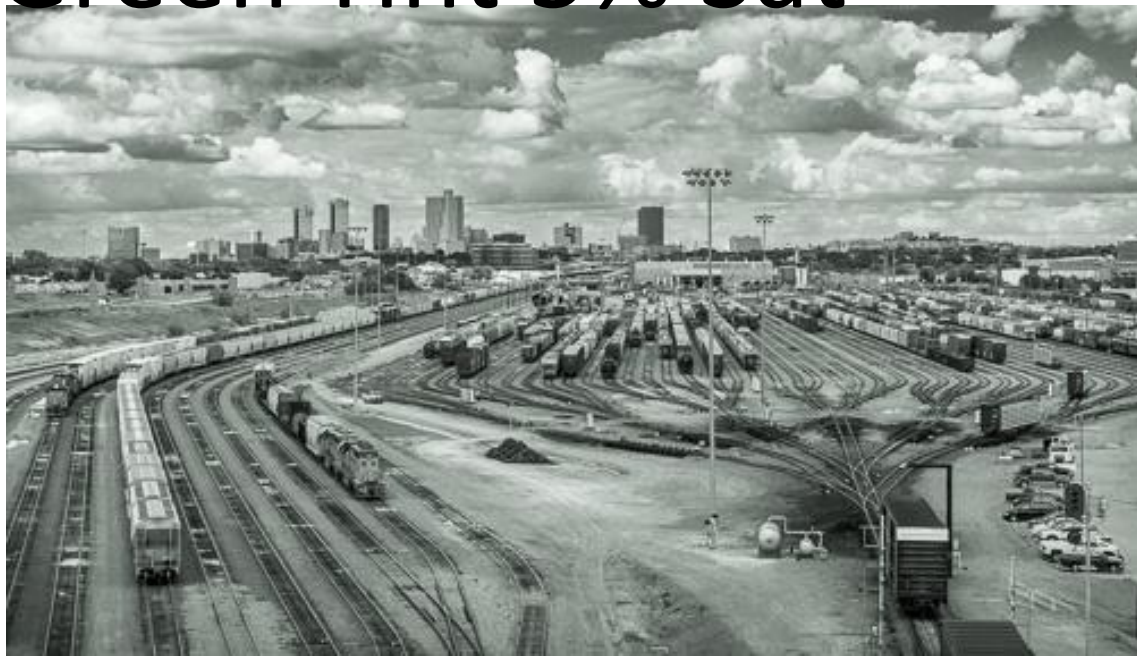  - May have color cast that may need to be removed
  - Color cast may be paper dependant

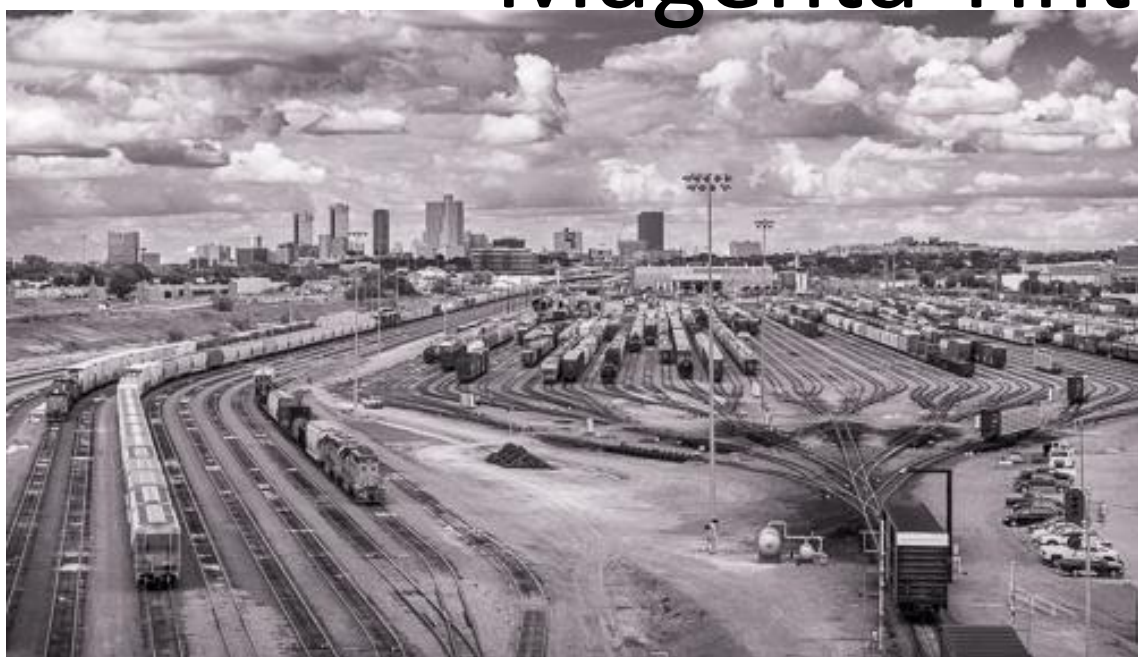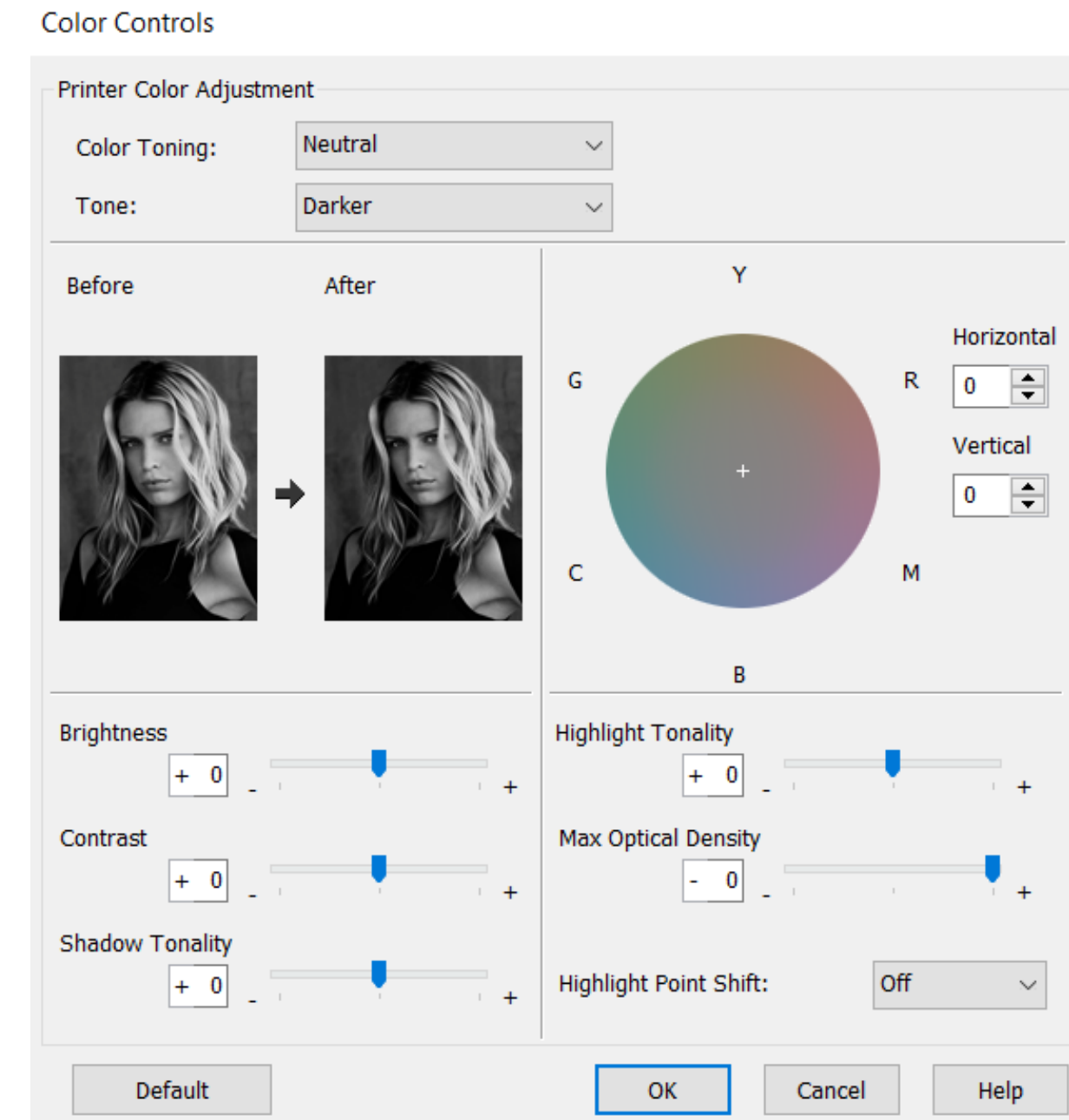# B&W Print Color Casts

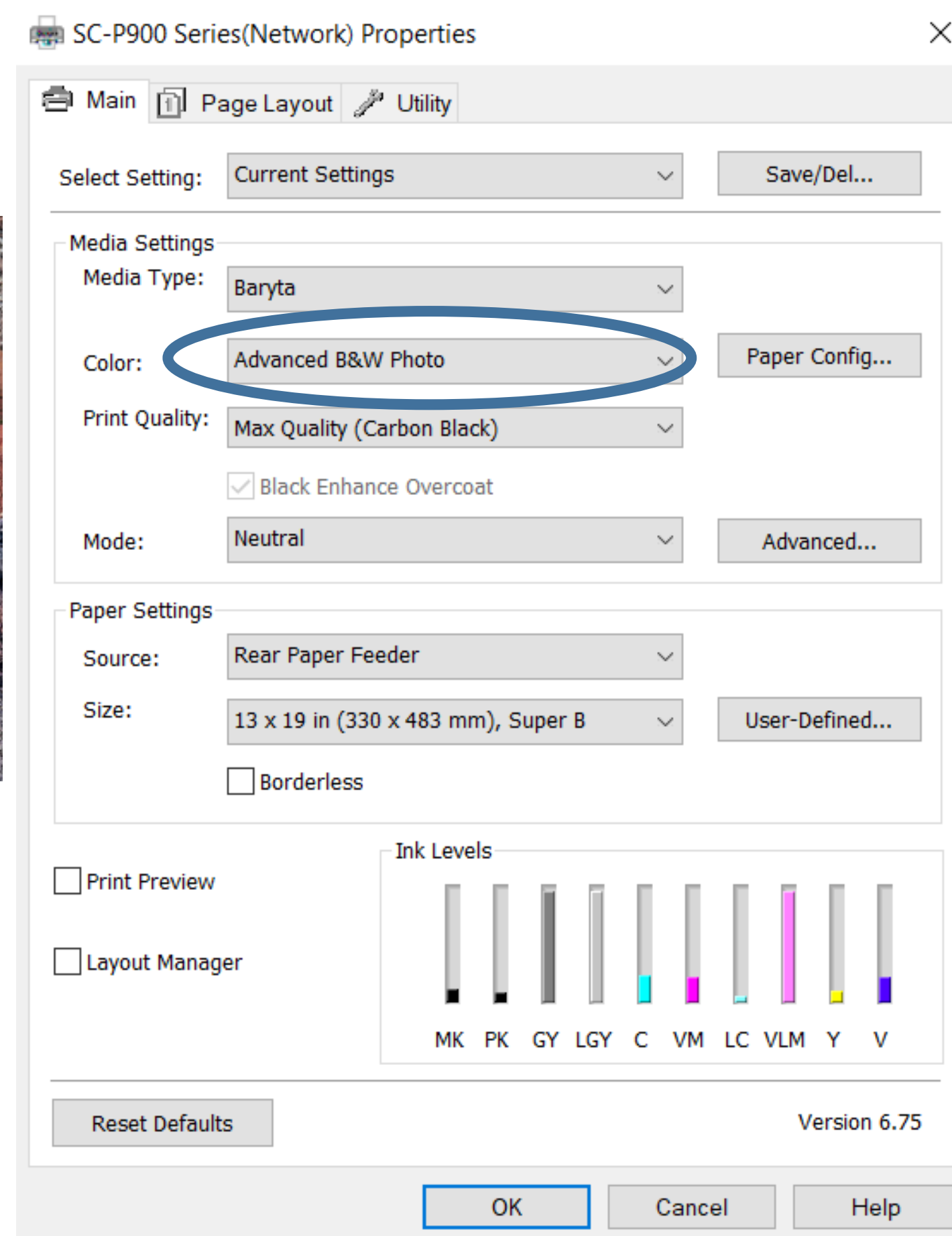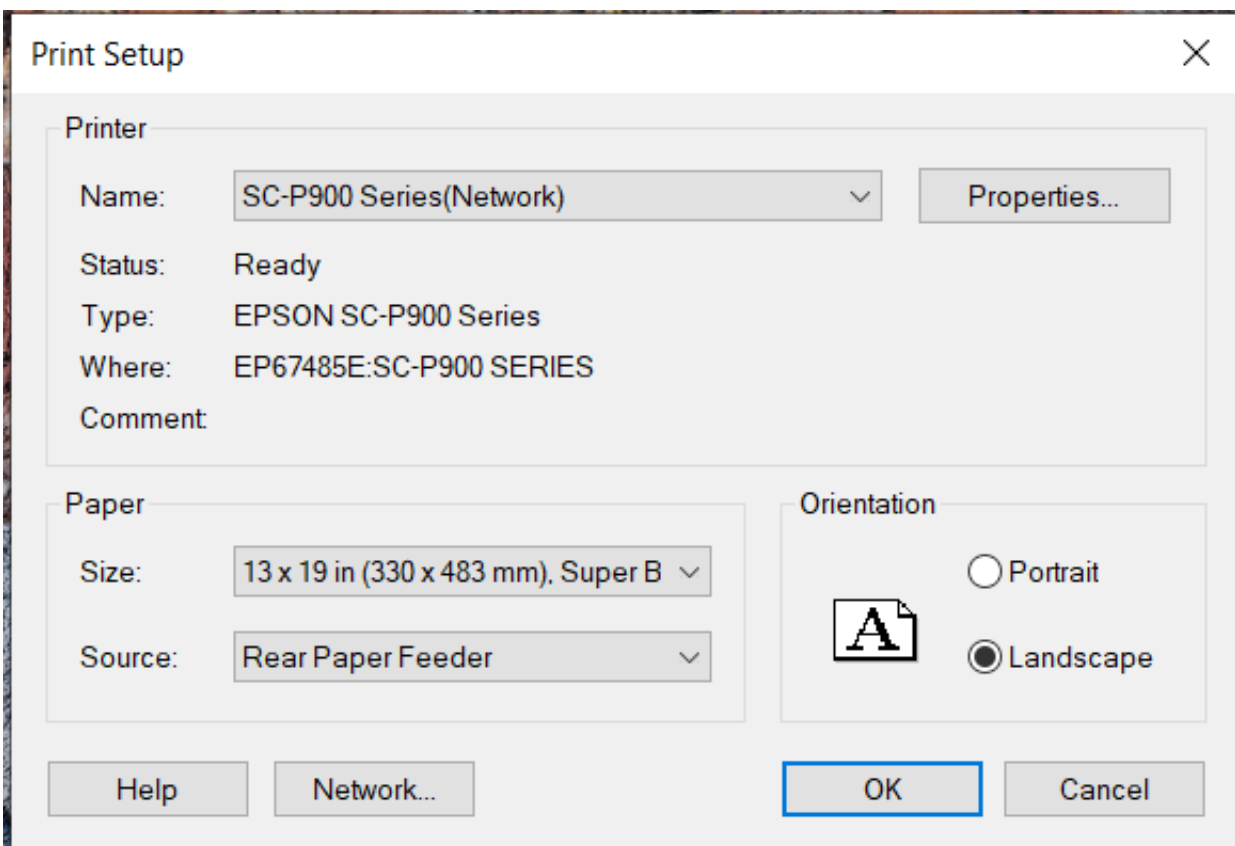

Blue Tint 7% Sat

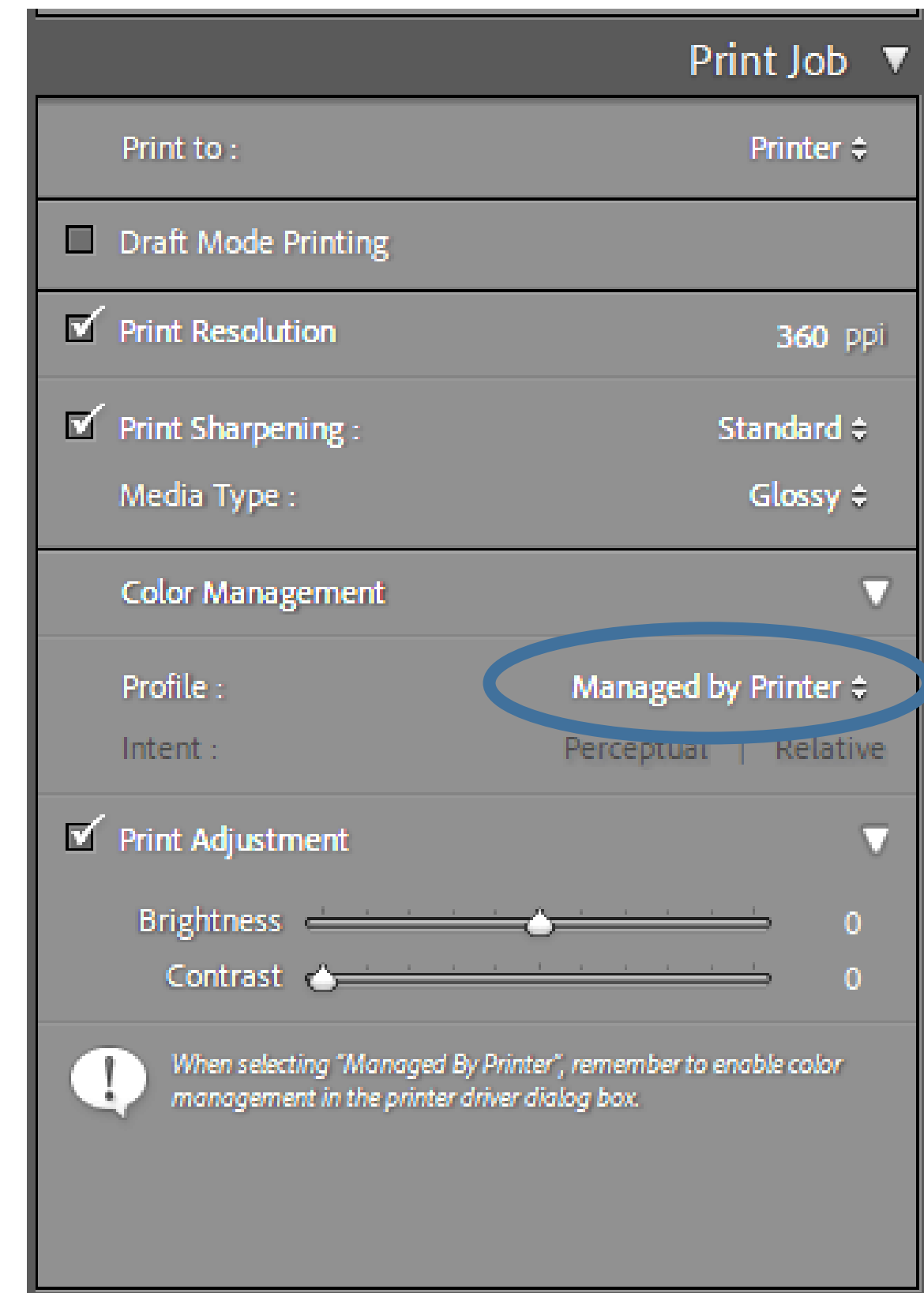Yellow Tint 7% Sat
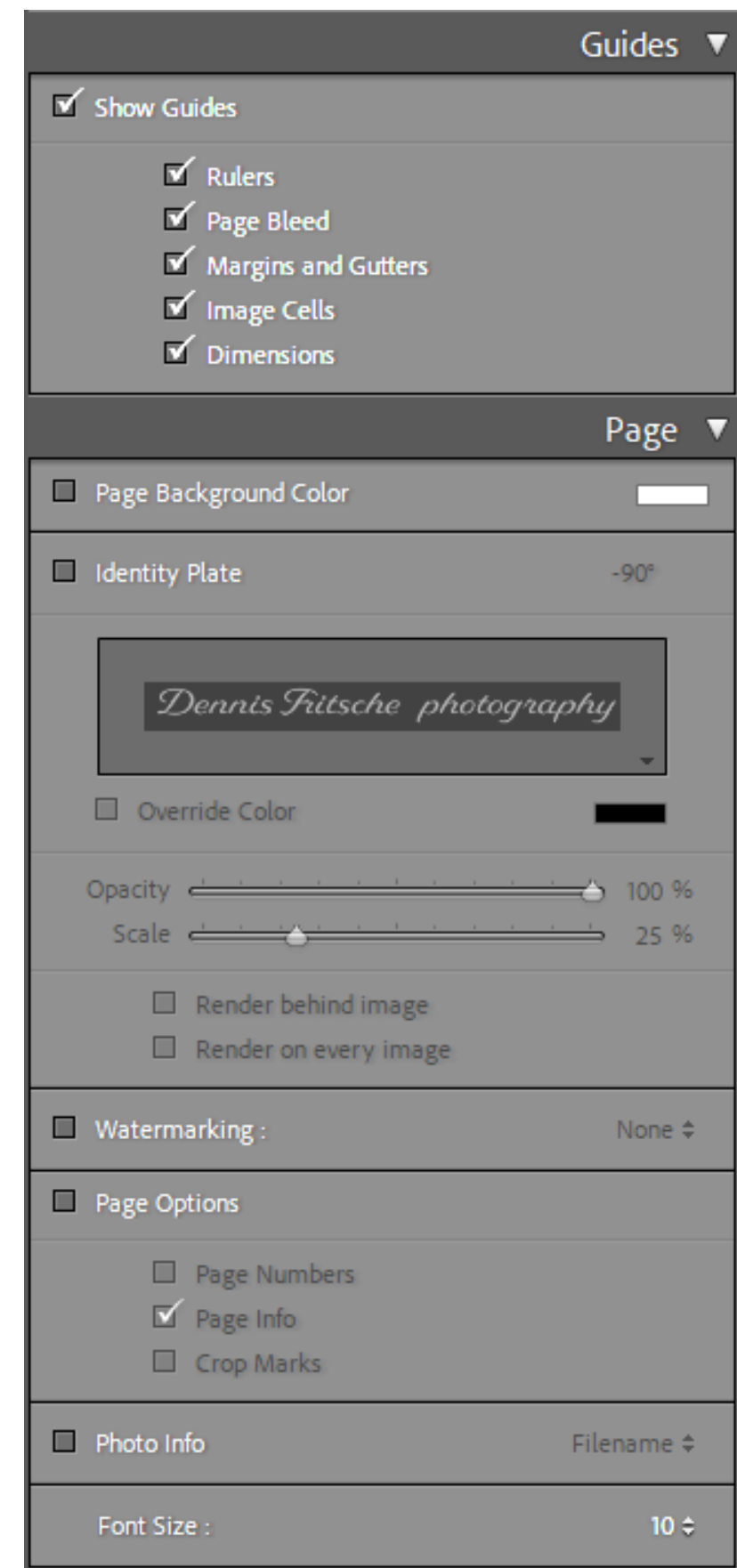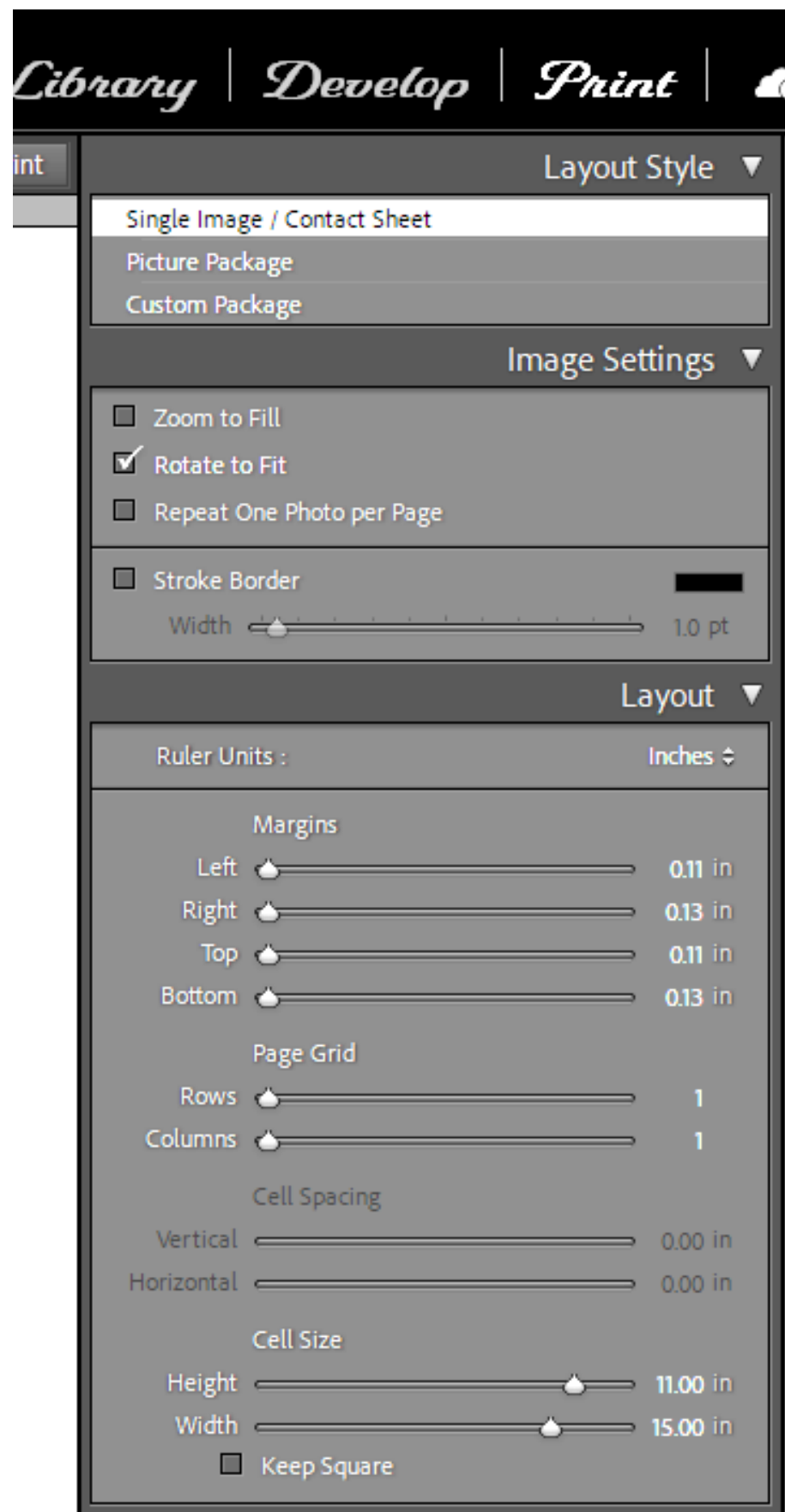
Neutral

Green Tint 5% Sat

Magenta Tint 5% Sat

# Printer Set Up and Properties for Epson – B&W

# Lightroom Setup for B&W

# Make a Custom Template

- For each setup make a custom template
- On Template Browset, click "+"
- Give it a name such as "13X19 Canson Presteige ABW"
- When printing again click the template and the printer and LR are setup and ready to go.

# Demonstration

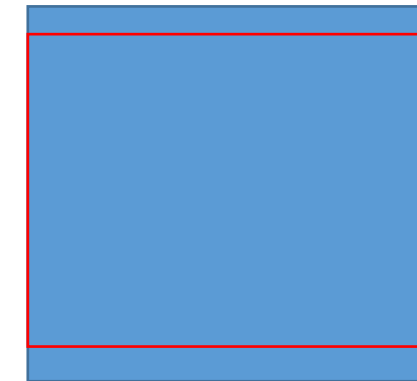Ordering your print.

Full Color

# Demonstration

Printing to a file to upload to a print service.

Ordering your print.

Photographique

# Sizing Image for Lab

- Use lab recommendations when setting image resolution

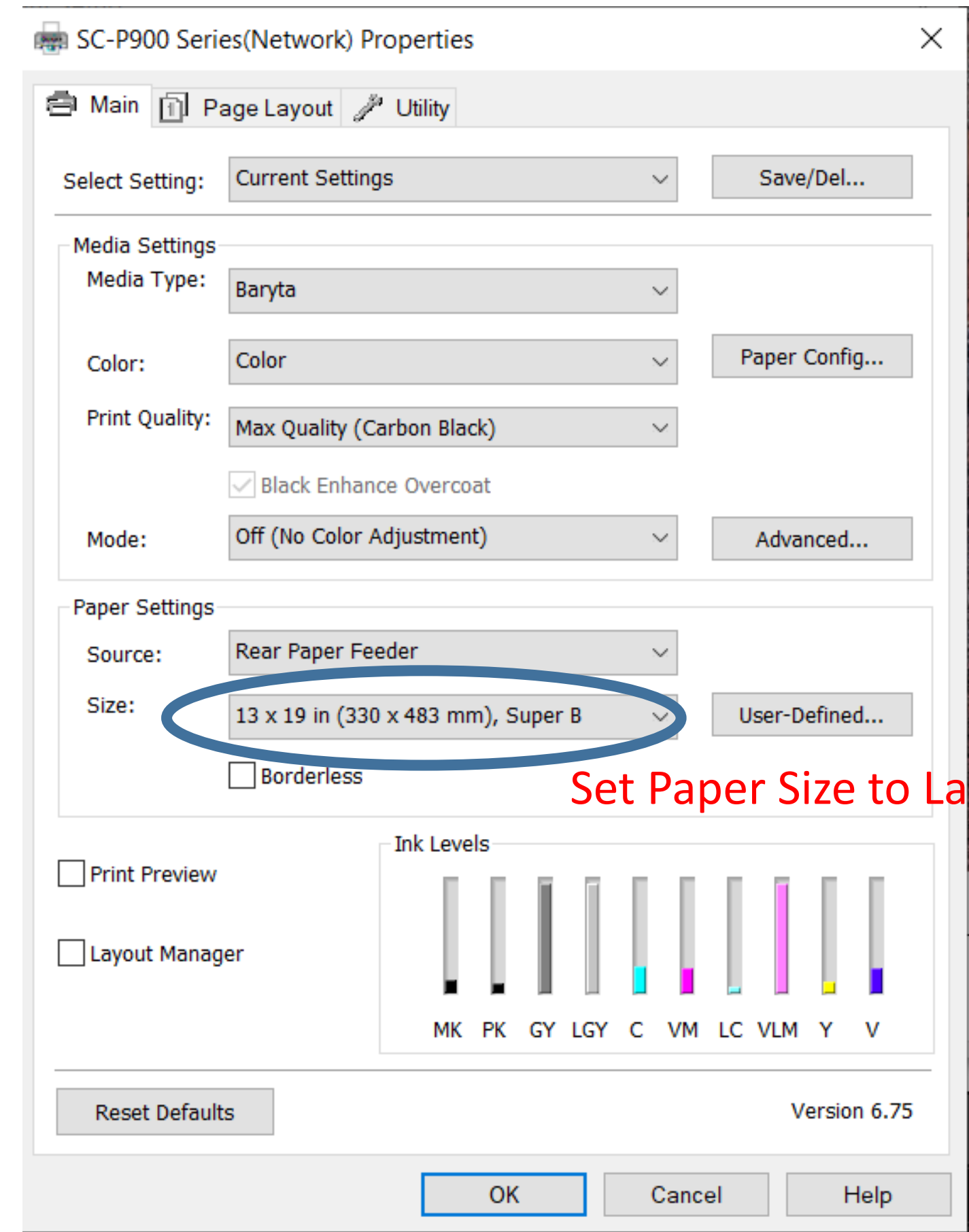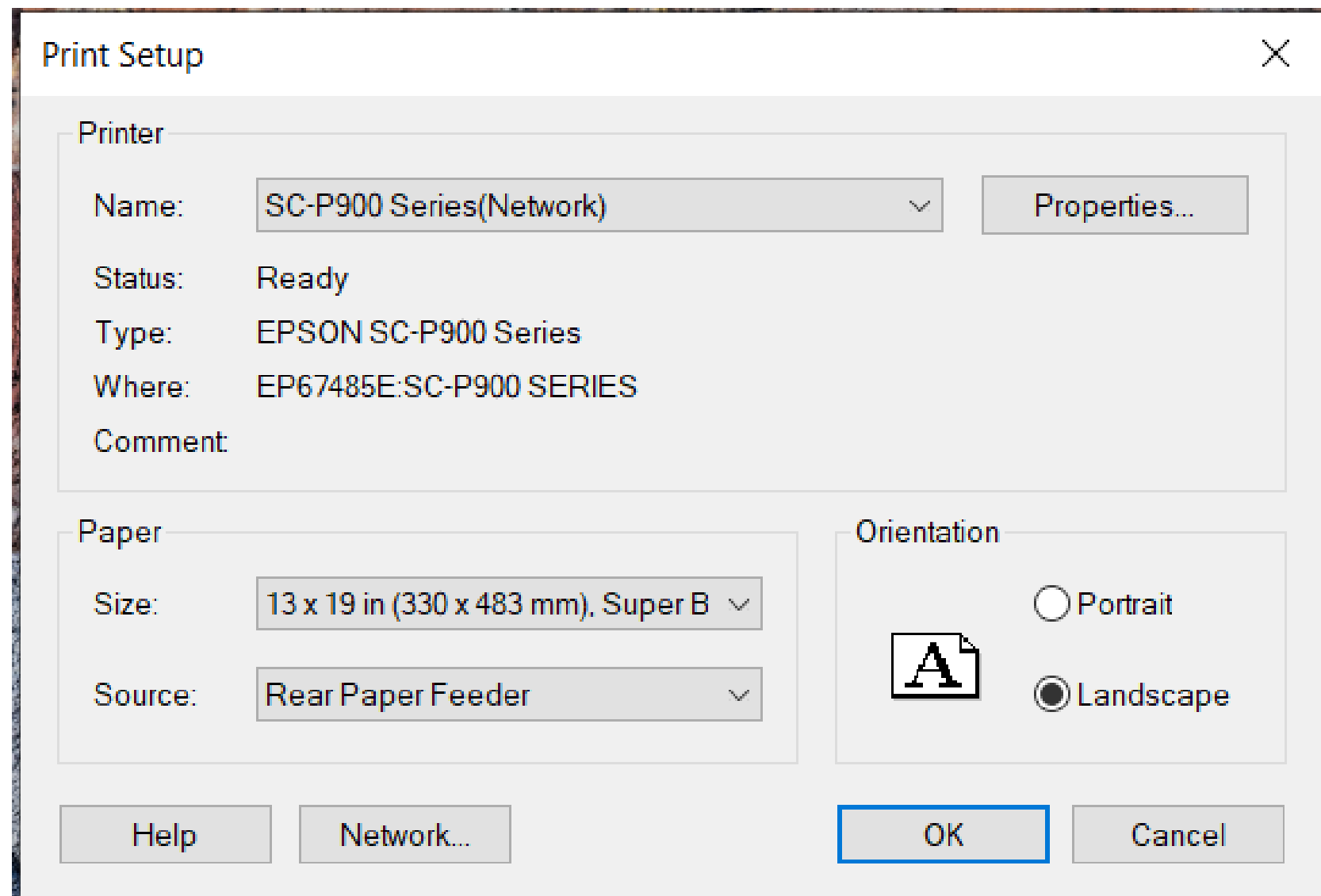- Many commercial labs will size images to fill the frame

- Use LR or PS to crop your image to the aspect ratio of the final Lab print so you can control crop and fill frame.

- You can size canvas to print aspect ratio and retain desired print crop in PS

- In LR Print module, size paper to lab aspect ratio and size. Size image with desired crop on the paper and use Print to File

# Printer Set Up and Properties – to File for Outside Lab- Color & BW



**Print Setup**

Printer

| | |
|---|---|
| Name: | SC-P900 Series(Network) |
| Status: | Ready |
| Type: | EPSON SC-P900 Series |
| Where: | EP67485E:SC-P900 SERIES |
| Comment: | |

Properties...

Paper

Size: 13 x 19 in (330 x 483 mm), Super B

Source: Rear Paper Feeder

Orientation

○ Portrait
● Landscape

Help    Network...    OK    Cancel

---

**SC-P900 Series(Network) Properties**

🖨 Main   📄 Page Layout   🔧 Utility

Select Setting: Current Settings    Save/Del...

Media Settings

Media Type: Baryta

Color: Color    Paper Config...

Print Quality: Max Quality (Carbon Black)

☑ Black Enhance Overcoat

Mode: Off (No Color Adjustment)    Advanced...

Paper Settings

Source: Rear Paper Feeder

Size: 13 x 19 in (330 x 483 mm), Super B    User-Defined...

☐ Borderless

**Set Paper Size to Lab's Paper**

☐ Print Preview

☐ Layout Manager

Ink Levels

MK  PK  GY  LGY  C  VM  LC  VLM  Y  V

Reset Defaults    Version 6.75

OK    Cancel    Help

# Lightroom Setup for Print to file for Outside Lab

**Library | Develop | Print**

### Layout Style ▼

| Single Image / Contact Sheet |
| Picture Package |
| Custom Package |

### Image Settings ▼

☐ Zoom to Fill
☑ Rotate to Fit
☐ Repeat One Photo per Page

☐ Stroke Border
    Width ○————————— 1.0 pt

### Layout ▼

Ruler Units :     Inches ⬍

**Margins**
Left   ○——————————— 0.11 in
Right   ○——————————— 0.13 in
Top   ○——————————— 0.11 in
Bottom   ○——————————— 0.13 in

**Page Grid**
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Columns   ○——————————— 1

**Cell Spacing**
Vertical   ○——————————— 0.00 in
Horizontal   ○——————————— 0.00 in

**Cell Size**
Height   ——————○———— 11.00 in
Width   —————————○—— 15.00 in
☐ Keep Square

---

### Guides ▼

☑ Show Guides
  ☑ Rulers
  ☑ Page Bleed
  ☑ Margins and Gutters
  ☑ Image Cells
  ☑ Dimensions

### Page ▼

☐ Page Background Color   ▭

☐ Identity Plate      -90°

    *Dennis Fritsche photography*

☐ Override Color   ▬

Opacity  ————————○—— 100 %
Scale  ——○——————————— 25 %

  ☐ Render behind image
  ☐ Render on every image

☐ Watermarking :     None ⬍

☐ Page Options
  ☐ Page Numbers
  ☑ Page Info
  ☐ Crop Marks

☐ Photo Info     Filename ⬍

Font Size :     10 ⬍

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### Print Job ▼

Print to :     **JPEG File** ⬍

☐ Draft Mode Printing

File Resolution     **300** ppi

☑ Print Sharpening :     Standard ⬍
  Media Type :     Glossy ⬍

JPEG Quality
————————————————○ 100

☐ Custom File Dimensions :
  19.01 in    x    12.96 in

**Color Management**

Profile :     sRGB ⬍

Intent :     **Perceptual** | Relative

☑ Print Adjustment     ▼
  Brightness  ————————○———— 0
  Contrast  ——○———————————— 0

# Mounting Your Photograph For Competition

- Everything matters when your print is judged.

- Prepare your photograph with care – if the judge senses you don't care, then the judge won't care either.

- Face mounting is acceptable.

- Mounting with a mat is preferred.

- Use a white mat or rarely black.

- Never a color. "That orange mat really enhances this photograph" said no judge ever.

- Canvas is not good for contests and metallic should be used sparingly.

Two Styles of Mounting with Mats
Over Mount and Outside Mount
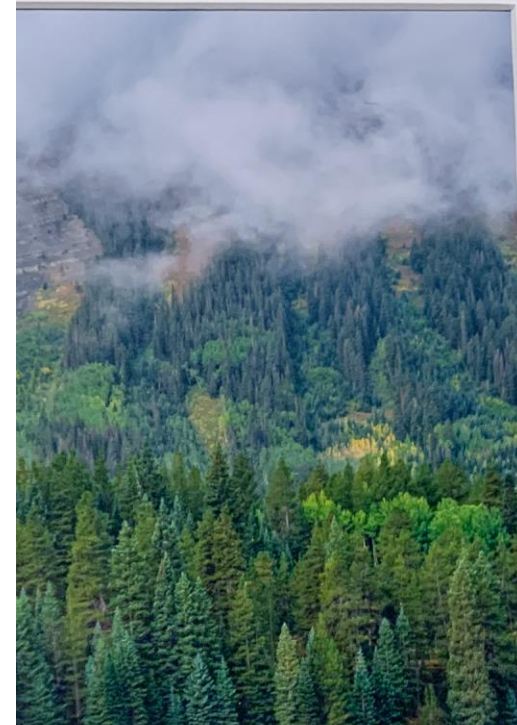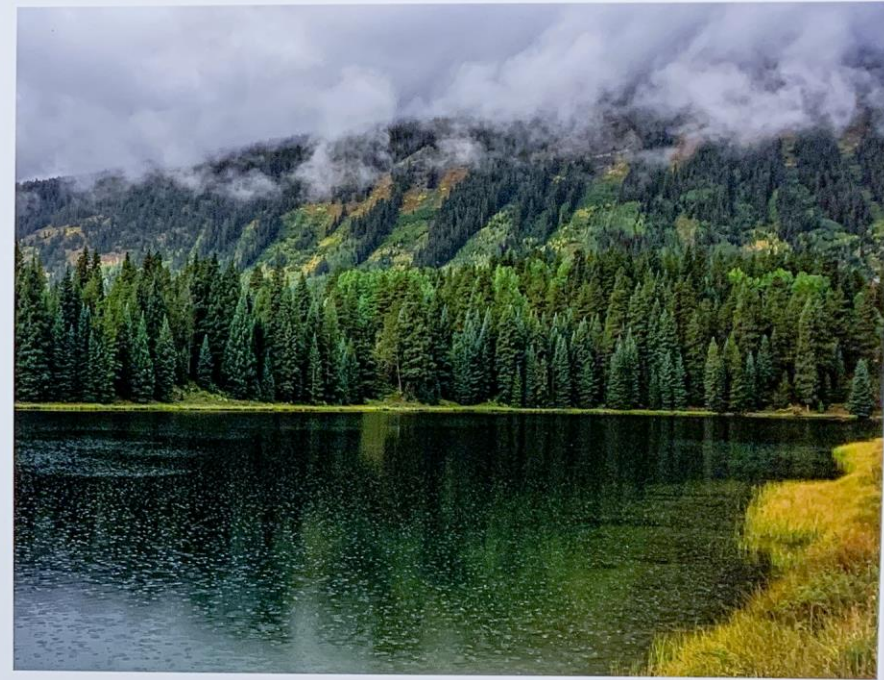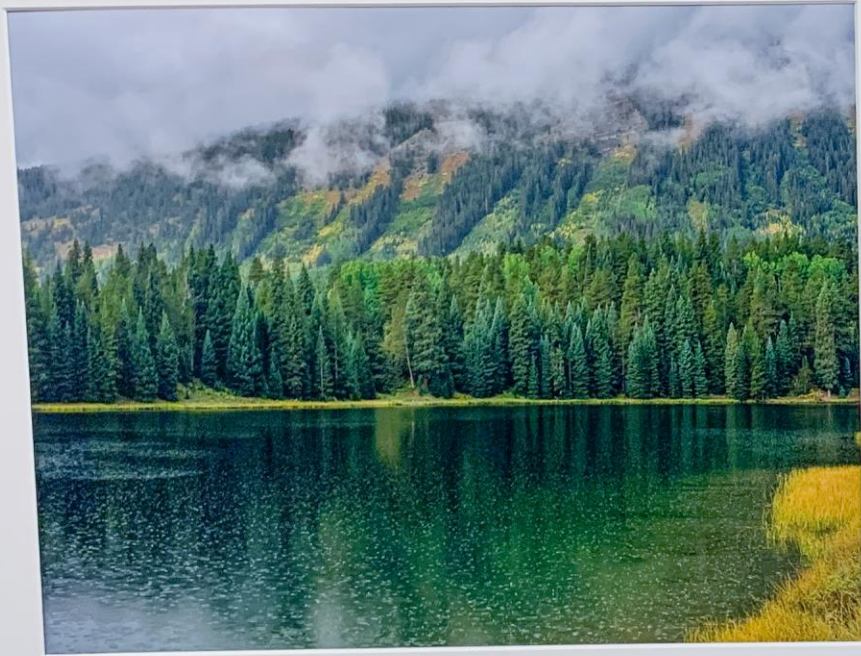
# My Standard Print and Mount Sizes

- The majority of my prints are on 13 X 19 paper.
- The standard aspect ratio for most DSLR's is 2:3
- Maximum print on 13 X 19 at 2:3 is 12 X 18 (leaving some border around the print)
- Many photo clubs have a maximum mat size of 16 X 20.
- For photo club contests, I have settled on
  - 10 X 15 print in 16 X 20 mat for 2:3 images or
  - 11 X 14 print in 16 X 20 mat (11 X 14 is a traditional size close to 4:5 film)
  - For panoramas I use 1:2 or 1:3
- This simplifies my life and allows me to buy a stock of mats that I know will work. (I can cut mats to custom sizes but I don't like it.)

# Mounting Demonstration

# Cutting a Mat
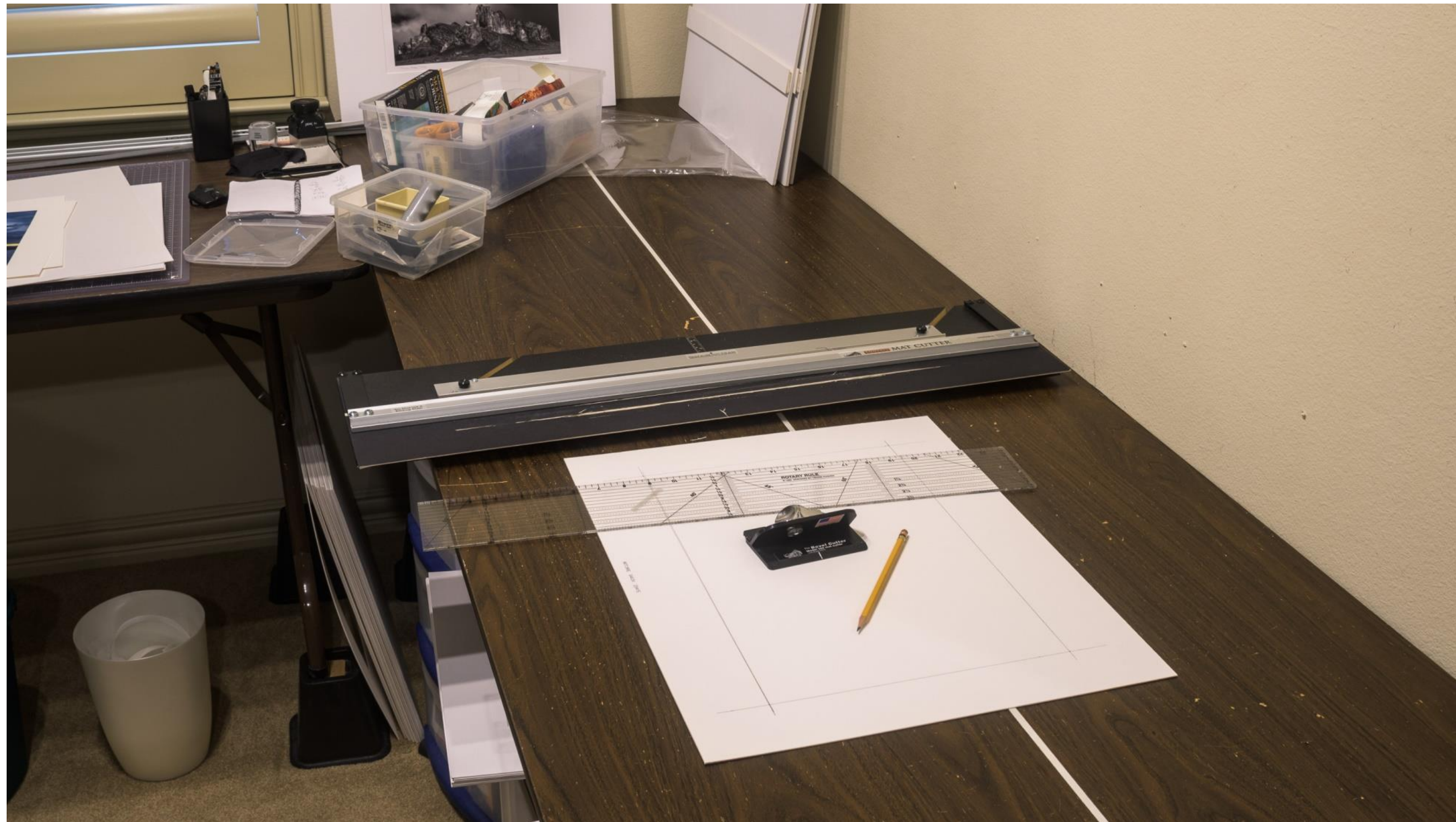
# Recommended Sources

- Paper, Ink, and Printers
  - **B&H Photo/Video/Audio** https://www.bhphotovideo.com/
  - **ITSupplies** https://www.itsupplies.com/
  - Competitve Camera
  - Amazon, Adarama, etc
  - Red River Paper https://www.redrivercatalog.com/
- Mounting and Framing Supplies
  - **Frame Destination** https://www.framedestination.com/ (signup for discounts)
  - Michael's etc.
  - Red River Paper https://www.redrivercatalog.com/ (uncut mats of various sizes)
- Printing Services
  - Local - **Full Color**, Photographique, BWC Printmakers
  - Online Mpix, Bay Photo
- Reference and Instruction
  - The www
  - Red River Paper https://www.redrivercatalog.com/