CONVERTING A PHOTO TO HALFTONES

QUICK GUIDE:

Open your image in Photoshop.

Make sure the image is the size you want and 300 dpi. Change it if needed:
IMAGE > IMAGE SIZE

* If printing CMYK separations, skip to the end.

Make the image grayscale:
IMAGE > MODE > GRAYSCALE

Make the image a bitmap:
IMAGE > MODE > BITMAP

BITMAP pop up menu will open.
Set the Output to 720
Set the Method to HALFTONE

HALFTONE pop up will open.
FREQUENCY = screen mesh ÷ 5
      195 mesh is 39 LPI
      230 mesh is 46 LPI
      If you don't know, use 45
ANGLE = 45 (unless CMYK)
SHAPE = round or ellipse

* If printing **CMYK** separations, do not convert to grayscale. Make sure the file is CMYK (not RGB), then go to the CHANNELS palette (**WINDOW > CHANNELS**) and click on the menu options button (in the top right of the palette) to **split the channels** into 4 septate files. Follow the same steps for BITMAP and HALFTONE menus, except that each of the 4 files will have a different **ANGLE**:
      C = 75
      M = 15
      Y = 0
      K = 45