Narrative on how to sharpen an image Proportionally using Channels

1. Duplicate Image and rename “Sharp”

2. Open Channels and with RG channel active, hold down Cntl key and click the RGB channel. This loads a selection which is a grey scale on the image.

3. Click the “Mask” icon at the bottom of the Channels pallete which saves this selection as a separate channel.

4. Go to Image > Select > Deselect or *use keyboard shortcut of “Cntl + D”*

5. Click the new Alpha channel to make active and goto Image > Adjust > Invert. This inverts the image similar to a negative.

6. Go to RGB channel and holding down the Cntl key click the new alpha channel mask to load this as a selection over the RGB channel.

7. Hold down Cntl key and click the H on the key board, which hides the selection

8. Goto Layers Palette and ensure that “Sharp” layer is active. Then go to Filter > Sharp > Unsharpen. Have Amount at 500%, Radius at 1 and Threashold at 0 and apply.

9. Hold down Cntl key and click the D on the key board, which deletes the selection which was hidden.

10. Reduce the opacity of the “Sharp” layer to suit.

    Job Done!!

Selective Sharpening using a Custom Mask

1. In the Channels Pallette chose the channel with the best contrast

2. In Image > Calculations dialogue make sure that both Source 1 & 2 reads:
   Layer = Background
   Channel = Green
   Blending Mode = Overlay
   Select Result (at bottom of dialogue box) to “Build Selection”

3. Goto Layers and duplicate image and name is “Sharp”

4. With this layer active Go to Filter > Sharp > Unsharpen. Have Amount at 500%, Radius at 1 and Threashold at 0 and apply.

5. Reduce the opacity of the “Sharp” layer to suit.

   Job Done!!