Resource files

step 1   convert your image to grayscale
           use Image > Mode > Grayscale

step 2   adjust contrast
           use Image > Adjustments > Levels

Open connections.psd file

step 1   use selection tool on the tool bar to select a section of one of your files
           use Edit > Copy or Command + C

step 2   switch to the connections.psd and use selection tool to select one of the square
           paste into the selection square by
           using Edit > Paste Into
           a new layer will be created

step 3   adjust image
           use Edit > Free Transform
           the pasted-in image can be moved about, rotated, and scaled (hold shift key to lock proportions)

Show the grid

step 1   show the grid
           View > Show > Grid

step 2   & set the size
           Photoshop > Preferences > Guides, Grids, & Slices

Repeat with additional images finding connections

Move squares around if needed
           use the Move Tool, first tool on the tool bar
           make sure the correct layer is selected

Image Size

Pixel Dimensions: 4.79M

Width: 1936   pixels

Height: 2592   pixels

[OK]
[Cancel]
[Auto...]

Document Size:

Width: 26.889   [inches ▼]

Height: 36   [inches ▼]

Resolution: 72   [pixels/inch ▼]

☑ Scale Styles
☑ Constrain Proportions
☐ Resample Image:

[Bicubic (best for smooth gradients) ▼]

Image Size

Pixel Dimensions: 4.79M

Width: 1936   pixels

Height: 2592   pixels

[OK]
[Cancel]
[Auto...]

Document Size:

Width: 6.453   [inches ▼]

Height: 8.64   [inches ▼]

Resolution: 300   [pixels/inch ▼]

☑ Scale Styles
☑ Constrain Proportions
☐ Resample Image:

[Bicubic (best for smooth gradients) ▼]