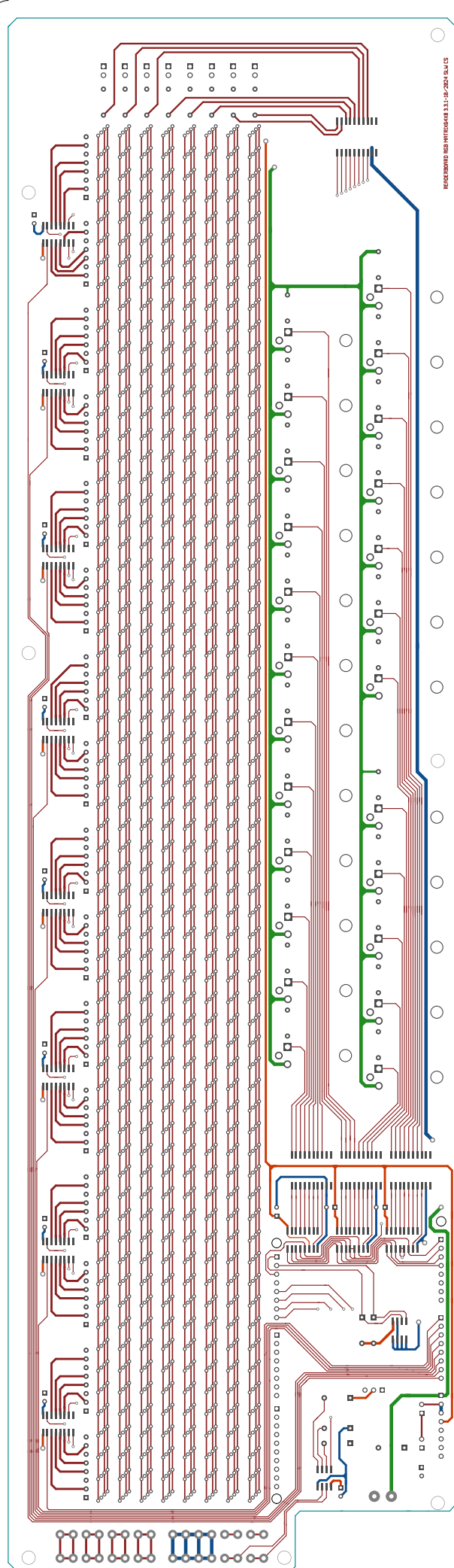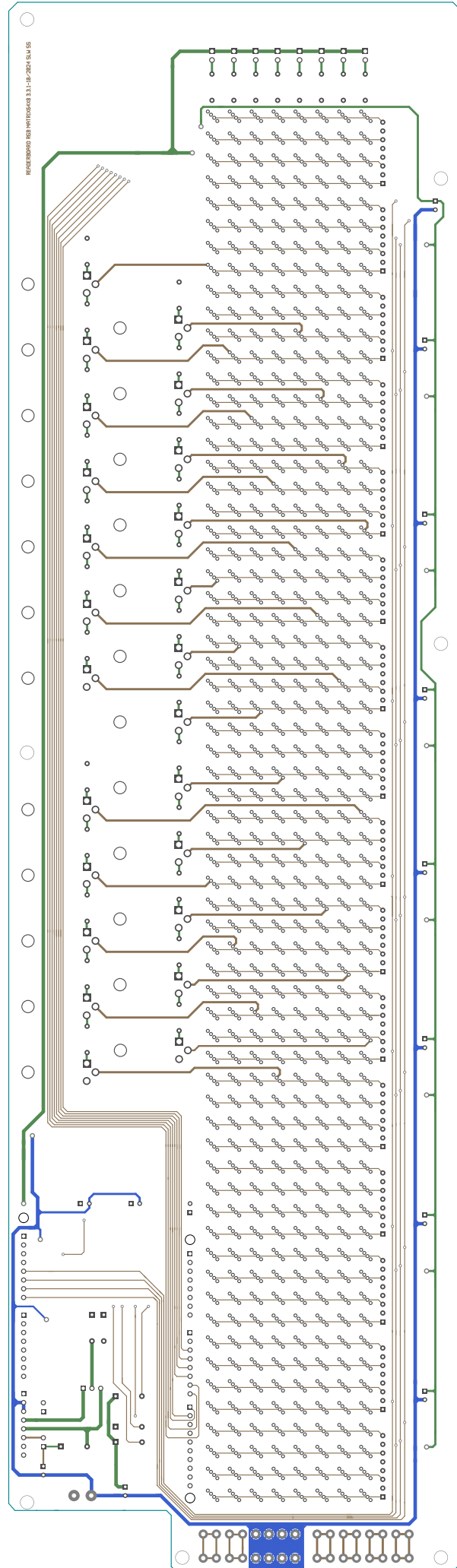1. Table of Contents (This Page)
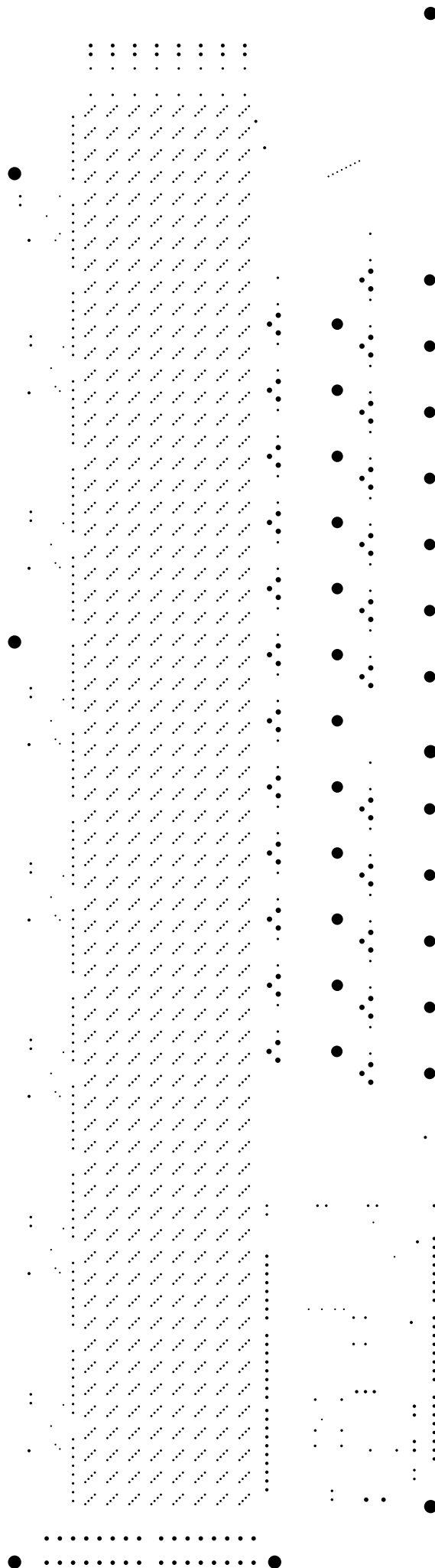
   Created on Tue Oct 1 20:31:32 2024

2. top

3. ground

4. outline

5. plated-drill

6. unplated-drill

7. componentmask

8. soldermask

9. topsilk

10. bottomsilk

11. toppaste

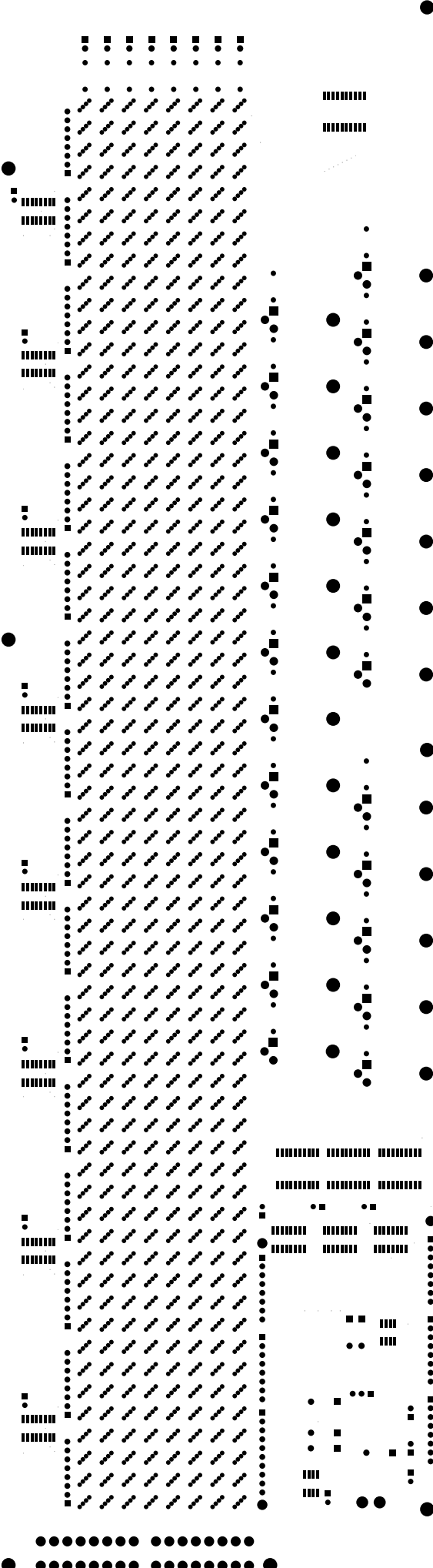12. topassembly

13. bottomassembly

14. fab

readerboard.pcb

top, scale = 1:0.600
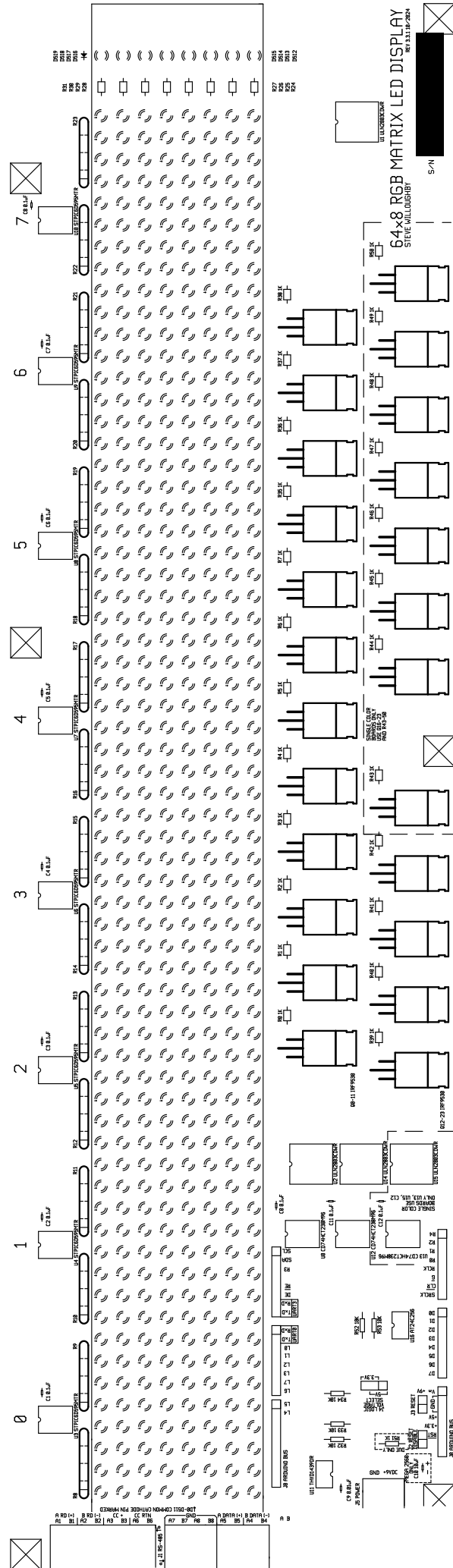readerboard.pcb

bottom (mirrored), scale = 1:0.600
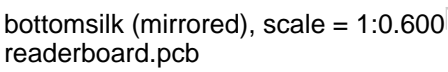readerboard.pcb

outline, scale = 1:0.600
readerboard.pcb

plated-drill, scale = 1:0.600
readerboard.pcb

unplated-drill, scale = 1:0.600
readerboard.pcb

topmask, scale = 1:0.600
readerboard.pcb

bottommask (mirrored), scale = 1:0.6
readerboard.pcb

64x8 RGB MATRIX LED DISPLAY
STEVE WILLOUGHBY

REV 3.3.1 10/2024

topsilk, scale = 1:0.600
readerboard.pcb

L0 GRN
L1 YEL
L2 YEL
L3 RED
L4 RED
L5 BLU
L6 BLU
L7 WHT

7

6

5

4

3

2

1

0

ARDUINO MEGA 2560 OR DUE

+MVDC GND

MONOCHROME
LED PINS

RGB
LED PINS

7 6 5 4 3 2 1 0

DATA R GND PASS-THRU CONNECTIONS

bottomsilk (mirrored), scale = 1:0.600
readerboard.pcb

toppaste, scale = 1:0.600
readerboard.pcb

64x8 RGB MATRIX LED DISPLAY
STEVE WILLOUGHBY
REV 3.3.1 10/2024

topassembly, scale = 1:0.600
readerboard.pcb

bottomassembly (mirrored), scale = 1:0.600
readerboard.pcb

fab, scale = 1:0.600
readerboard.pcb
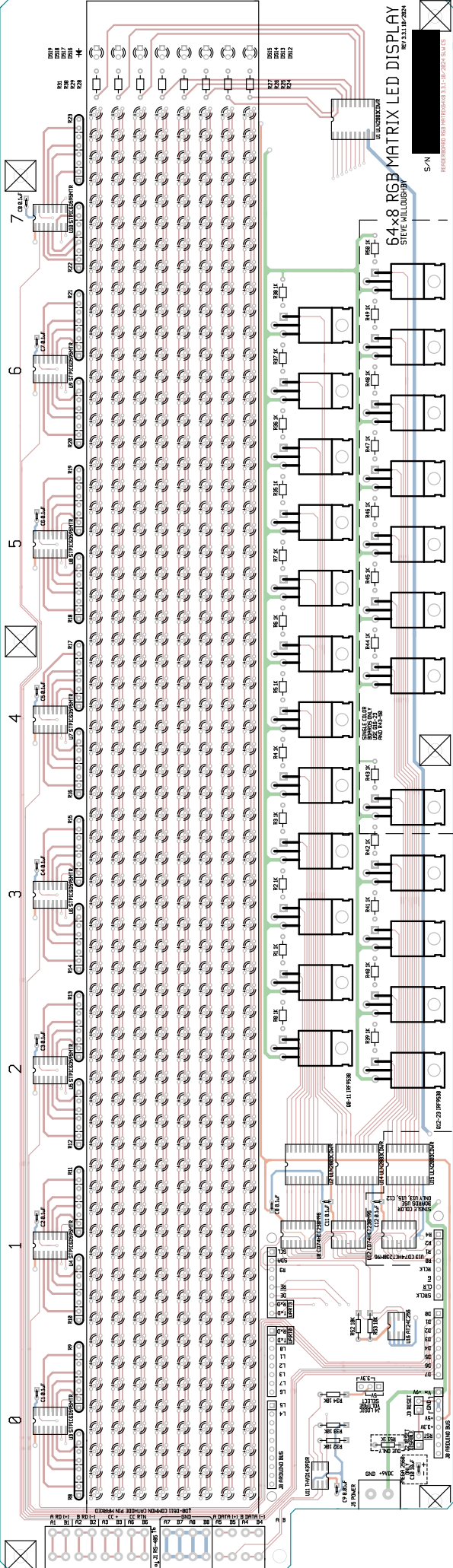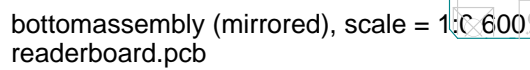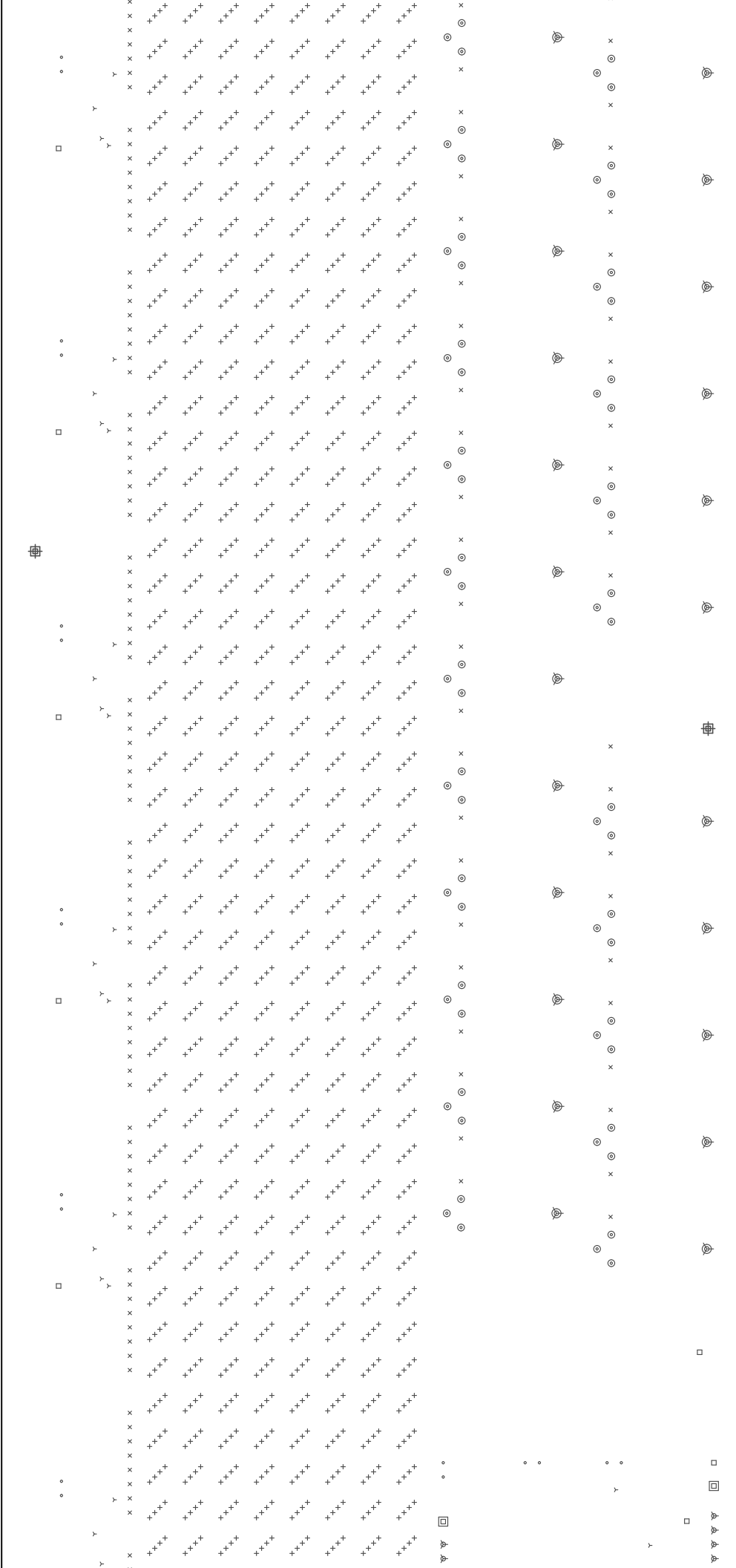
Board outline is the centerline of this path