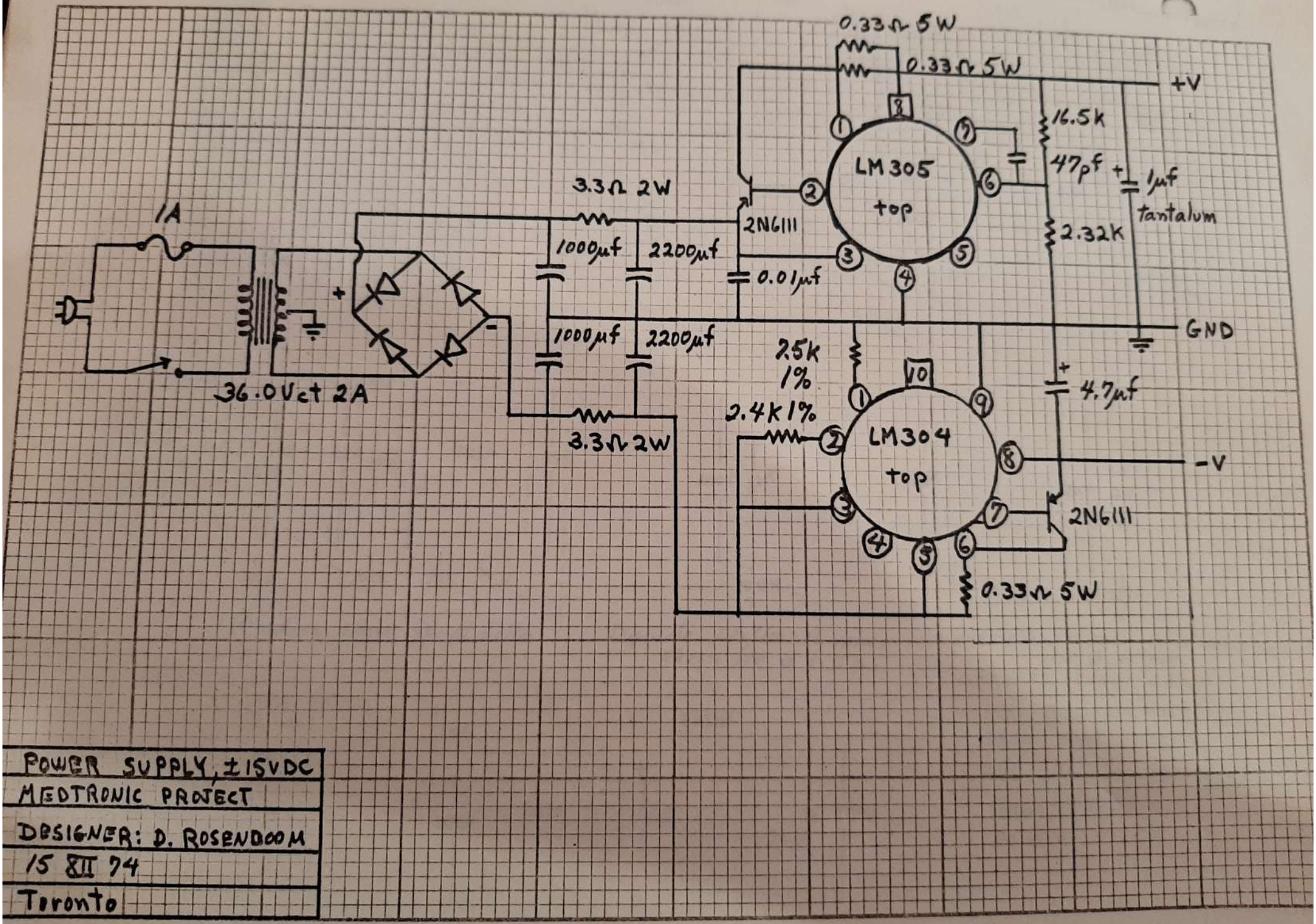
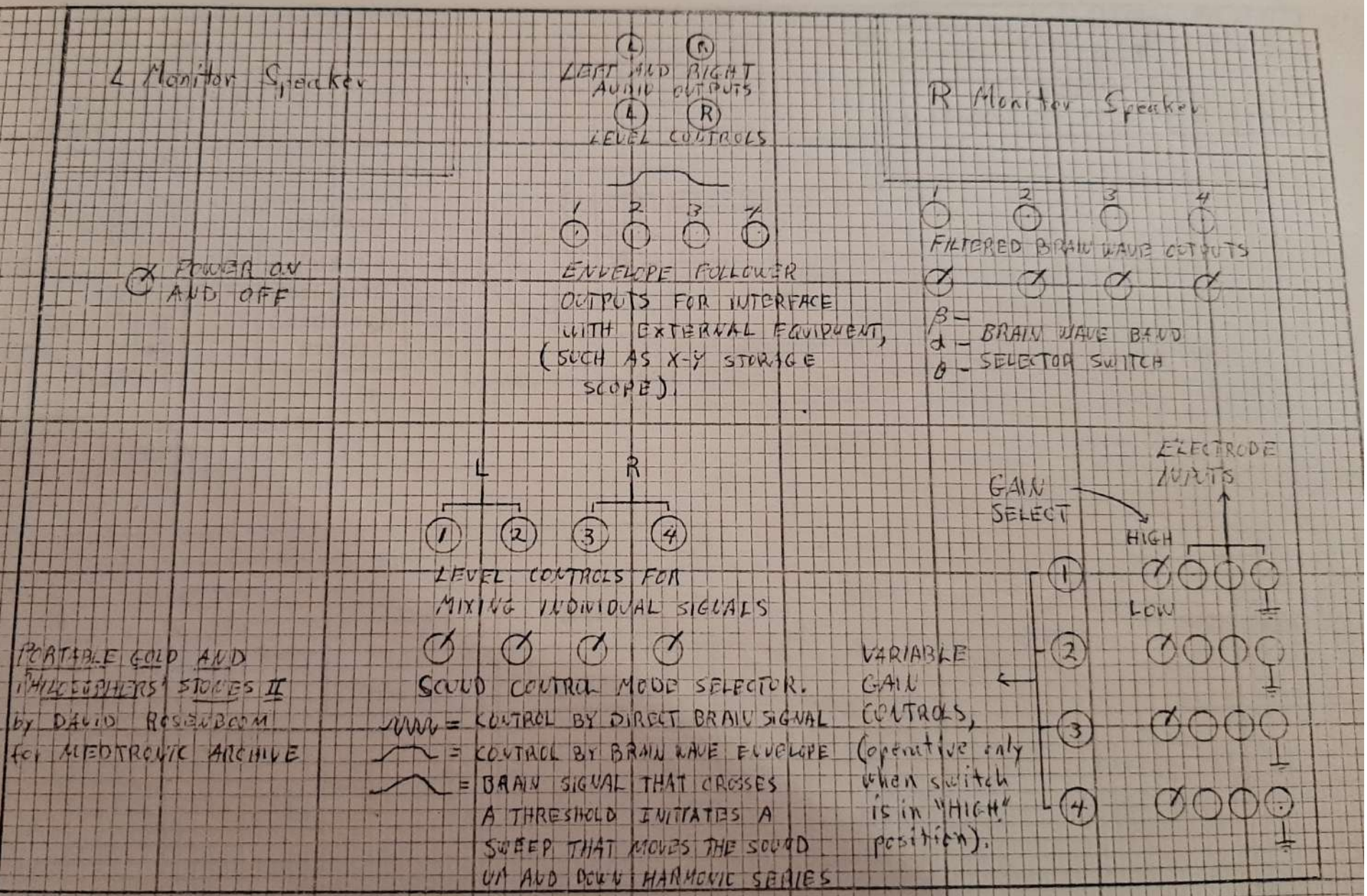
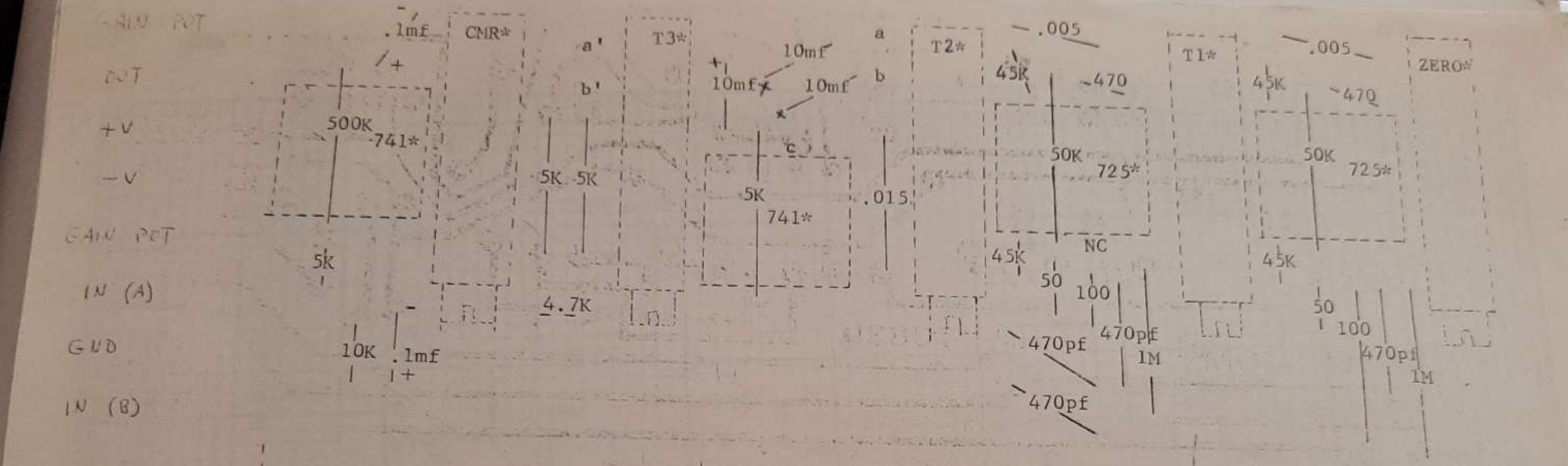
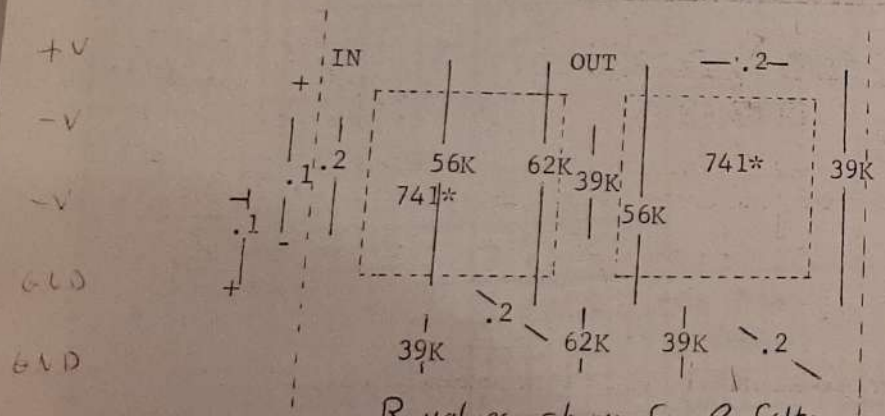

0.33Ω 5W
0.33Ω 5W
+V
16.5k
47pf
1μf
tantalum
LM305
top
2.32k
3.3Ω 2W
2N6111
1000μf
2200μf
0.01μf
1A
36.0Vct 2A
GND
1000μf
2200μf
25k
1%
2.4k 1%
LM304
top
4.7μf
3.3Ω 2W
-V
2N6111
0.33Ω 5W
POWER SUPPLY, ±15VDC
MEDTRONIC PROJECT
DESIGNER: D. ROSENDOOM
15 VII 74
Toronto

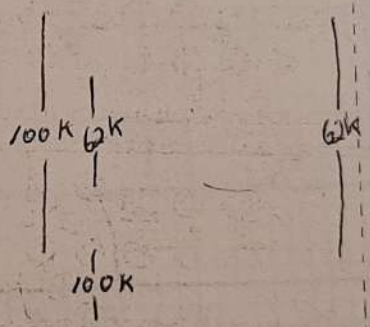


FRONT PANEL DIAGRAM	
MEDTRONIC PROJECT	
DESIGNER: D. ROSENBOOM	
5 II 25	TERRUTO

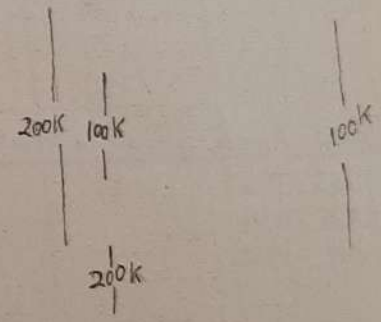




R values shown for β filter.

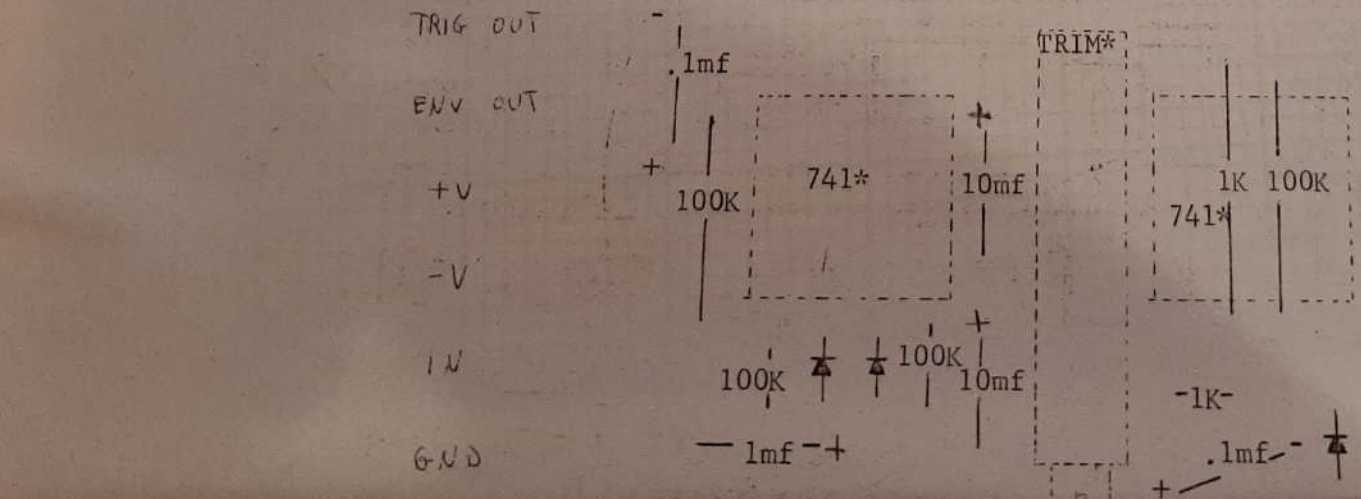


Duplicate section: R values shown for α filter.

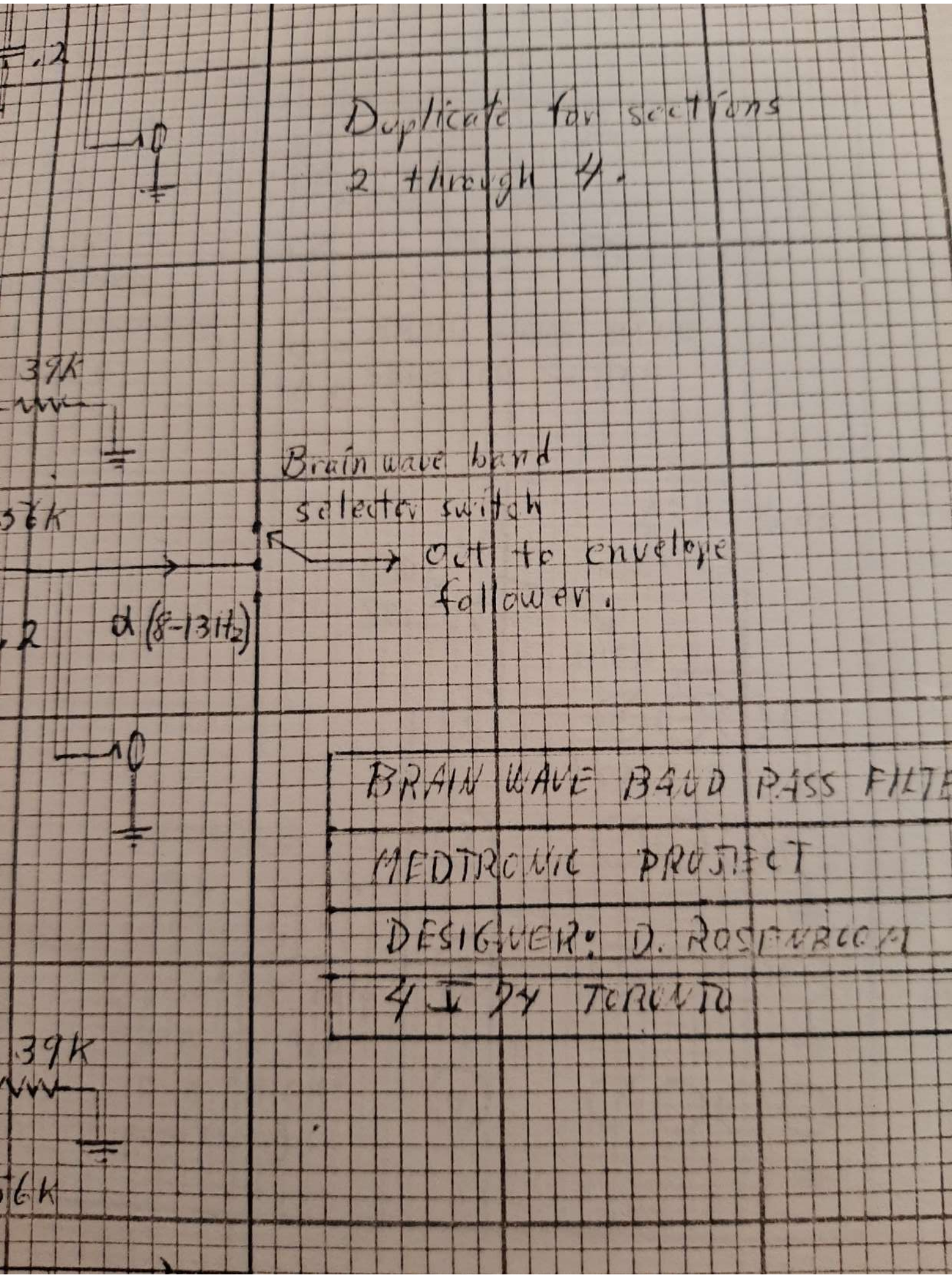


Duplicate section: R values shown for β filter.

PRINTED CIRCUIT LAYOUTS FOR BIOSIGNAL PREAMP, BRAIN WAVE FILTERS, AND ENVELOPE FOLLOWER/ THRESHOLD DETECTOR BOARDS.



DESIGNER: D. ROSENBAUM + A.J. GABURA
MEDTRONIC PATENT


.2
10
39K
56K
.2
α (8-13Hz)
10
39K
6K
Duplicate for sections 2 through 4.
Brain wave band selector switch
out to envelope follower.
BRAIN WAVE BAND PASS FILTE
MEDTRONIC PROJECT
DESIGNER: D. ROSENBLOOM
4 of 24 TORONTO