

LEFT BOARD  
FRONT

HICKOK  
2421-148

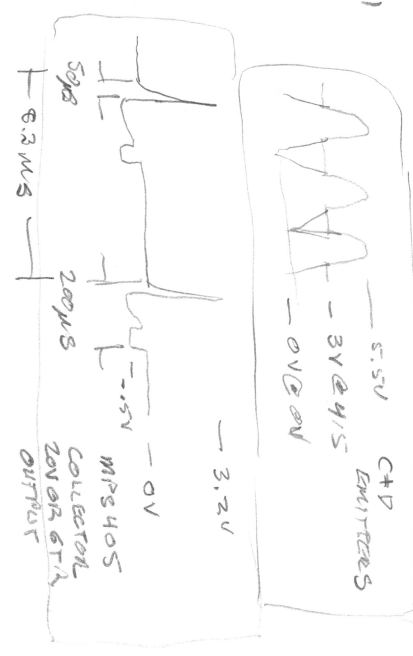
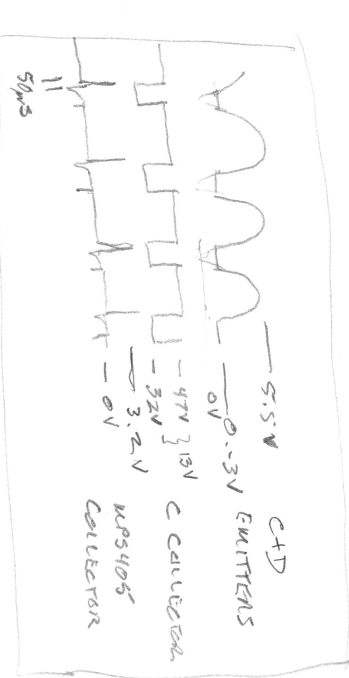
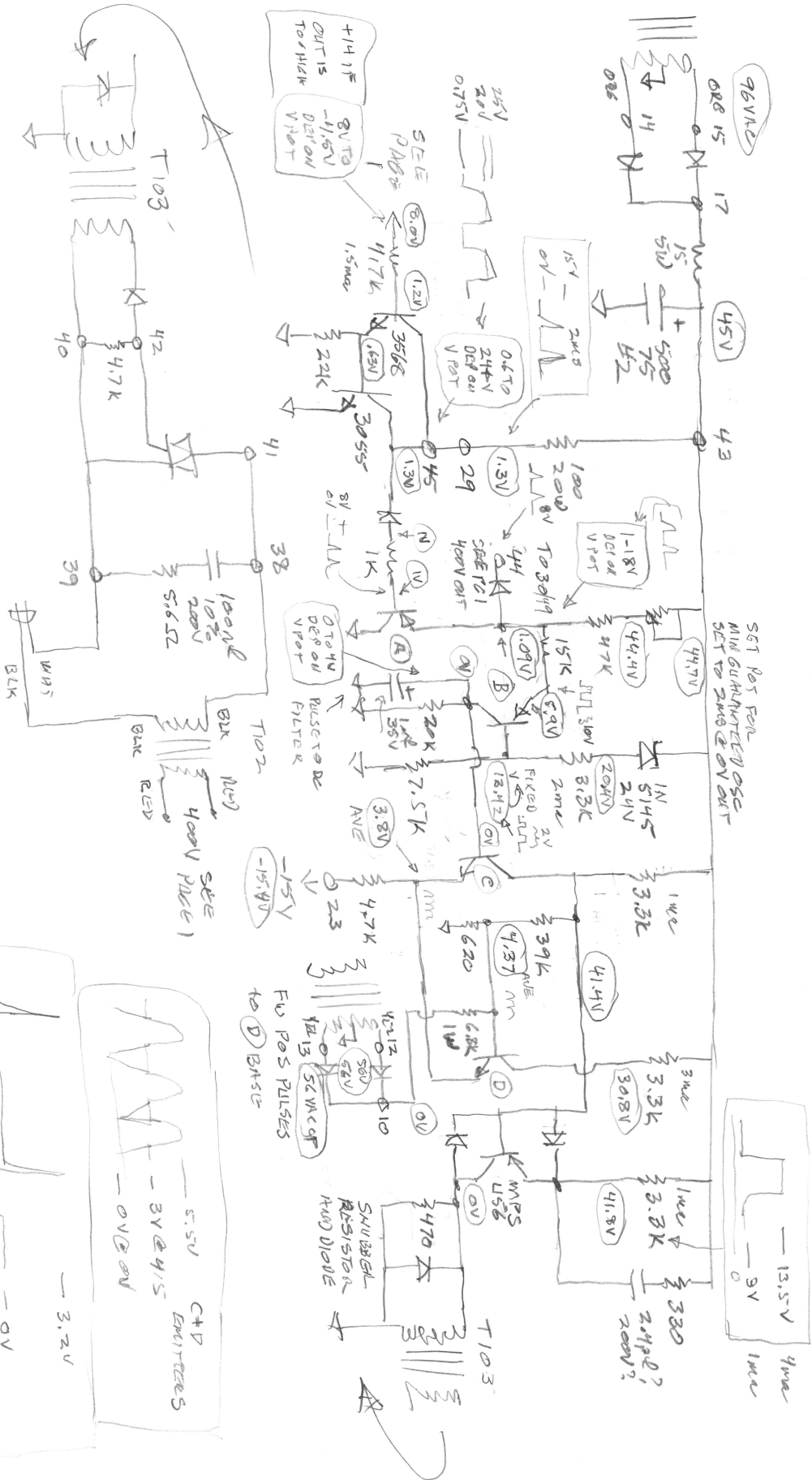
1	WHT/BLU	#1	13	WHT/BRN	#7
2	PUR	#2	14	WHT	#8
3	WHT/GRN	#3	15	WHT/YEL	#1
4	GRN	#4	16	WHT/ORG	#2
5	WHT/GRN	#5	17	GRN	#3
6	YEL	#1	18	WHT/BLU	#4
7	WHT/BLK	#2	19	ORG	#5
8	WHT/YEL	#3	20	WHT	#6
9	GRN	#4	21	WHT/GRN	#7
10	YEL	-	22	BRN	#1
11	VIO	-	23	BRN	#2
12	WHT/ORG	#6	24	BLK TO BACK	
25	BLK TO FRONT	BLK CANN			
26	BLU	#2			
27	BLU	#1			
28	WHT/VIO	TO-400 PPT #1			
29	WHT/VIO	TO BACK #2			
30	WHT/RED				
31	N/C				
32	BLK SILVER CANN				
33	N/C				
34	RED				

LEFT BOARD TOP CANNIS  
HICKOK PS-5055 POWER SUPPLY  
11/30/2017 LW

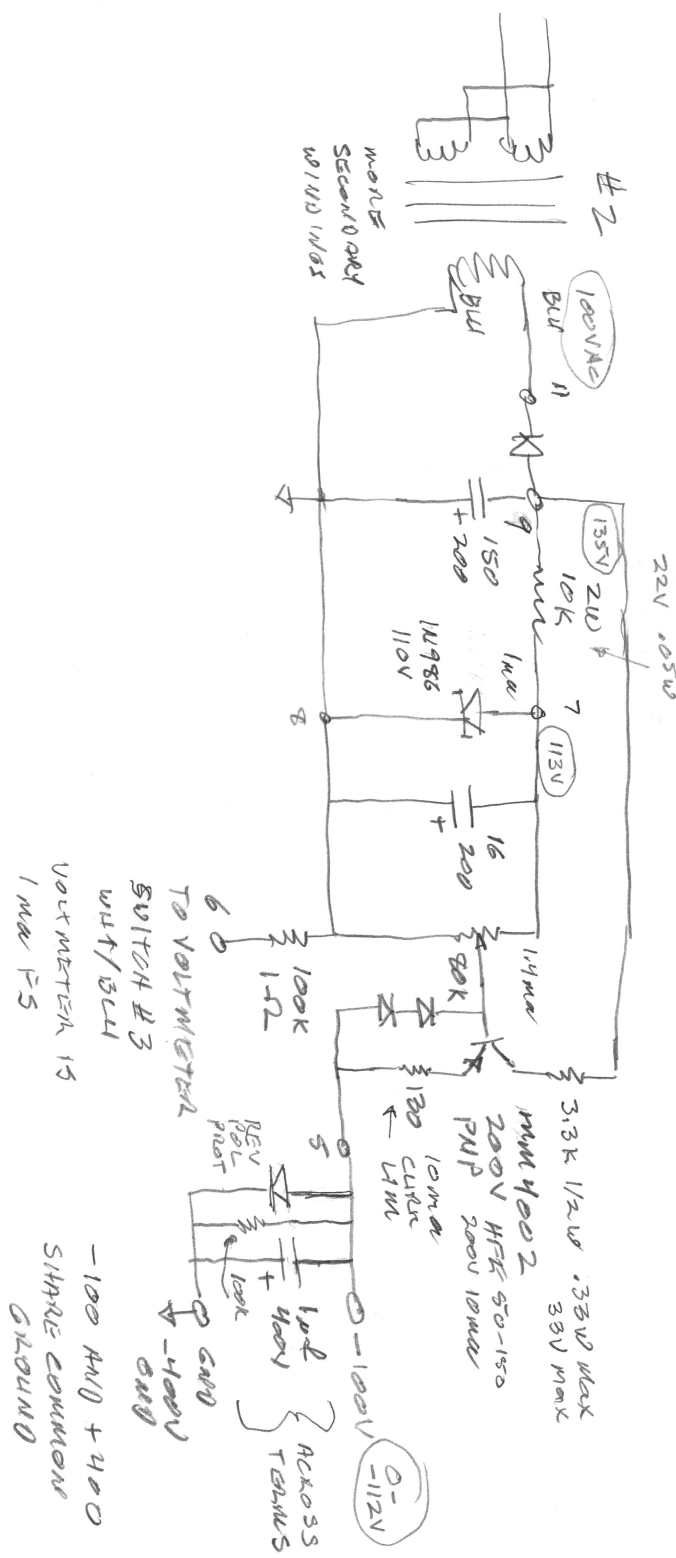








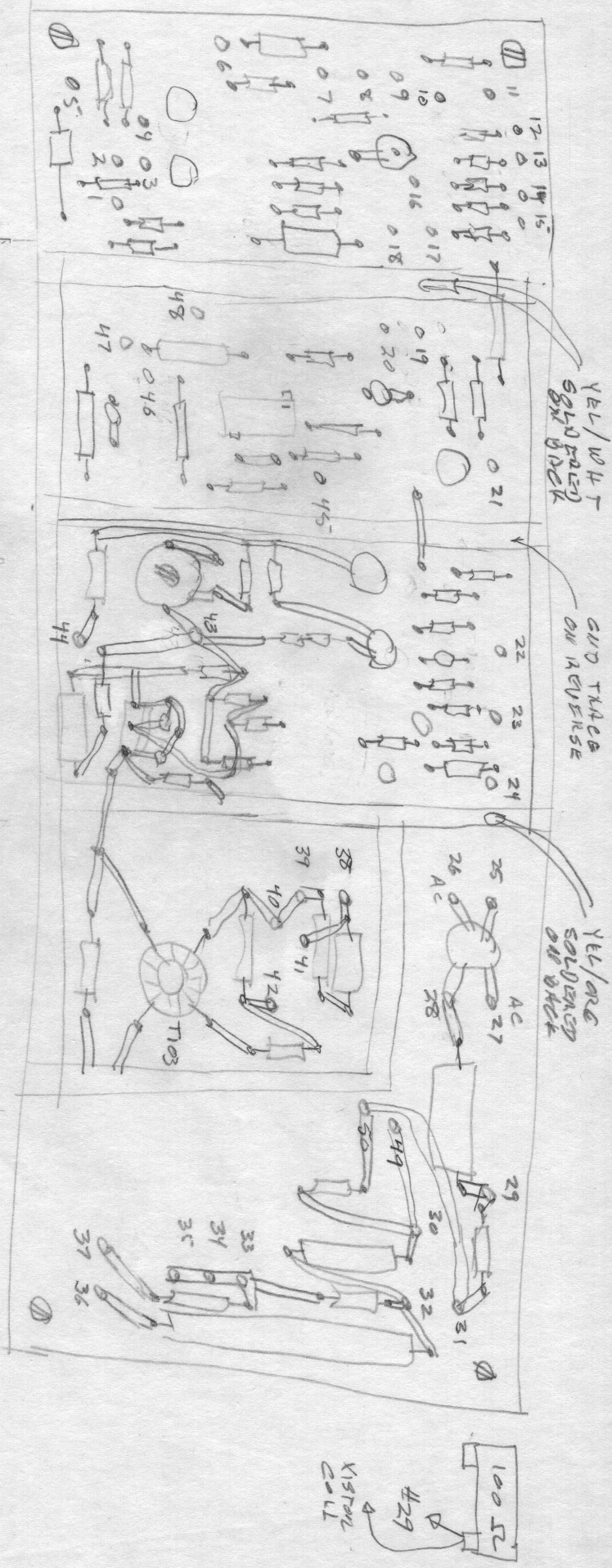
PAGE 2  
 HICKOK P55055 POWER SUPPLY  
 RIGHT HAND 400V SUPPLY PIECES  
 11/22/2019  
 W



MMD4002 IS TO 39 CAP, NO HEAT SINK.  
 ASSUME 1W MAX @ 25C  
 IF OUT NOT SHORTED, WILL HAVE 90V @ 10mA,  
 = 900mW. IN SPEC, BARELY

HICKOK PS-5055  
 LIGHT BOARD  
 -100V SUPPLY

11/20/2017  
 LW



1	BLK	-	13	YEL	B2	25	RED	-	37	WHT/BLK	B2
2	N/C	-	14	ORG	B3	26	RED	A2	38	BLK	BLK CONN
3	WHT/VIO	#4	15	ORG	B4	27	RED	#1	39	WHT	W/PSW #1
4	WHT/GRN	B3	16	WHT/VIO	B3	28	BLK	SILVER CONN	40	GRY	B2
5	WHT	B2	17	ORG	B5	29	WHT	TO LOSS R	41	GRN	B3
6	WHT/BLU	B1	18	WHT/VIO	B4	30	WHT/RED	-	42	YEL	B4
7	WHT/ORG	-	19	BLK	TO XISTOR	31	BLK	TO PHANT	43	ORG	-
8	BLK	-	20	BLK	TO P.R. SWITCH	32	WHT/VIO	-	44	WHT/RED	-
9	GRY	B1	21	GRN	TO XISTOR	33	GRY	B1	45	WHT	TO XISTOR CALL.
10	WHT	B2	22	BLK	-	34	GRY	B2	46	GRY	-
11	BLU	-	23	WHT/VIO	TO B4B	35	GRY	B3	47	WHT	YEL B6
12	YEL	B1	24	WHT	TO B1D	36	WHT/VIO	B1	48	WHT/VIO	B5
						49	N/C		49	N/C	
						50	N/C		50	N/C	

HICKOK PS-5055 POWER SUPPLY  
 RIGHT BOARD TOP CONNS  
 11/31/2017  
 LM

Pin	Wire Color	Marker	To
1	BLK		FP to #31 400V - STAR GND
2	n/c		n/c
3	WHT/IO		To 400V FUSE POT CN
4	WHT/GRN		FP - 100V Pot ARM
5	WHT		FP - 100 - OUT
6	WHT/BLU		FP - 100V - STAR GND
7	WHT/ORG		FP - 100 POT EV TOP
8	BLK		FP 400V - STAR GND
9	GRY		BP 150(200V CAP - ONLY
10	WHT		To #24
11	BLU 100VAC		To XTRM WINDING OTHER END TO 150(200V + 400V STAR -
12	YEL 112VAC		To XTRM PROB 400V WINDING
13	YEL		CT IS YEL/BLU TO GND TRACE ON BOARD HERE
14	ORG 96VAC		XTRM, PROB LV HAS WINDING
15	ORG		CT IS WHT/ORG TO GND TRACE ON BOARD MARKER
16	WHT/IO		BP 500(CTS #1 CAP + ONLY, CAP - TO 400V STAR GND
17	ORG		15.2 SW RESISTOR, LT ON TRK STRIP/RT TO 400V STAR GND
18	WHT/IO		To WHT/IO #1, #36
19	BLK		to xistor 400V-STAR GND
20	BLK		to f.p. switch 400V STAR GND
21	GRN		to xistor 3055
22	BLK		400V STAR GND
23	WHT/IO		to #48
24	WHT		to #10
25	RED		800V50 #1+
26	RED		XTRM WINDING, NO CT
27	RED		800V50 #1+2 - , NOT TO COMM GND
28	BLK	silver conn	to 100 ohm resistor & xistor coil & #45 / LEFT TO #43
29	WHT		to front to #1 400V - STAR GND
30	WHT/RED		to 100 ohm resistor & xistor coil & #45 / LEFT TO #43
31	BLK		to front to #1 400V - STAR GND
32	WHT/IO		to front to #1 400V - STAR GND
33	GRY		to HMMETER SWITCH #1 4321
34	GRY		to HMMETER SWITCH #5 4765
35	GRY		to 400V + OUT PLT
36	WHT/IO		to #48
37	WHT/BLK		to #18
38	BLK	black conn	to VOLTmeter SW #9
39	WHT		to XTRM PRIMARY, OTHER GND TO WHT/BLK TO MAIN CB OUTPUT
40	GRY		to pwr switch
41	GRN		Q105 LT
42	YEL		Q105 collector } MAC10-6, MAY BE REPLACED
43	ORG		Q105 RT
44	WHT/RED		500(CTS #2+, ALSO 1000.200V LEFT / RT TO #29
45	WHT		800V50 #2+, ALSO #38
46	GRY		to xistor collector & #29 100 ohm R
47	WHT/YEL		To #35
48	WHT/IO		FP 400V COILISE POT ARM
49	n/c		To #23
50	n/c		

Right Board

