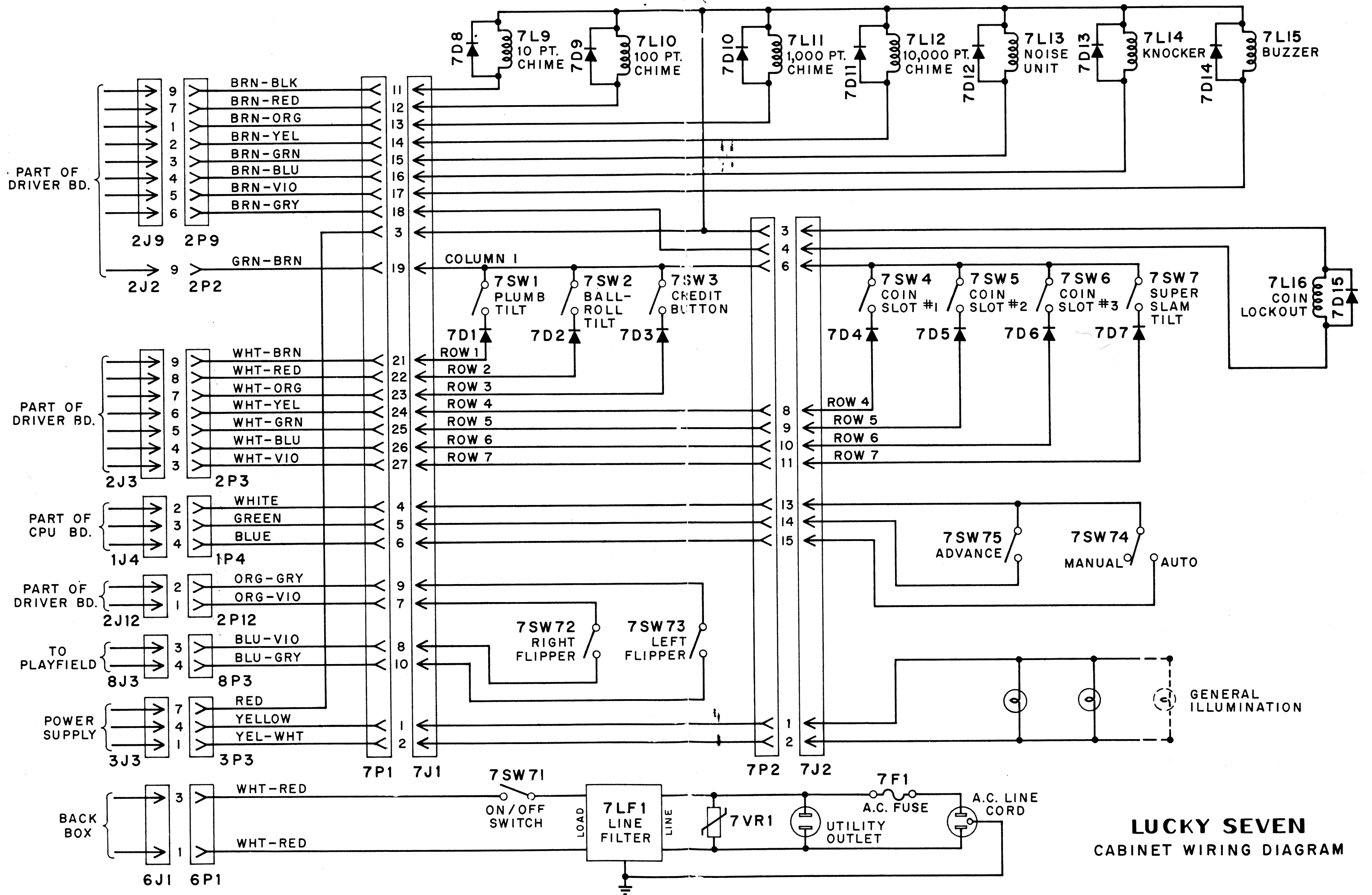
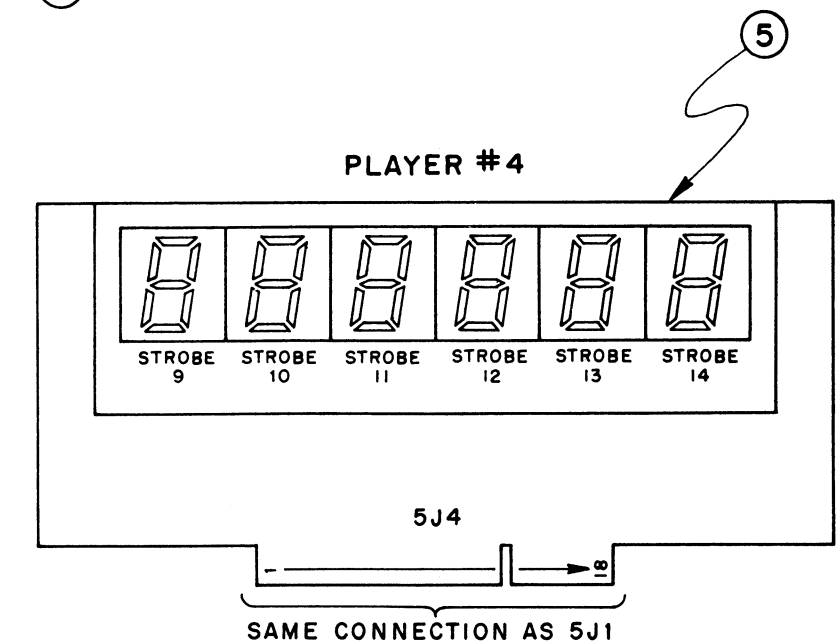
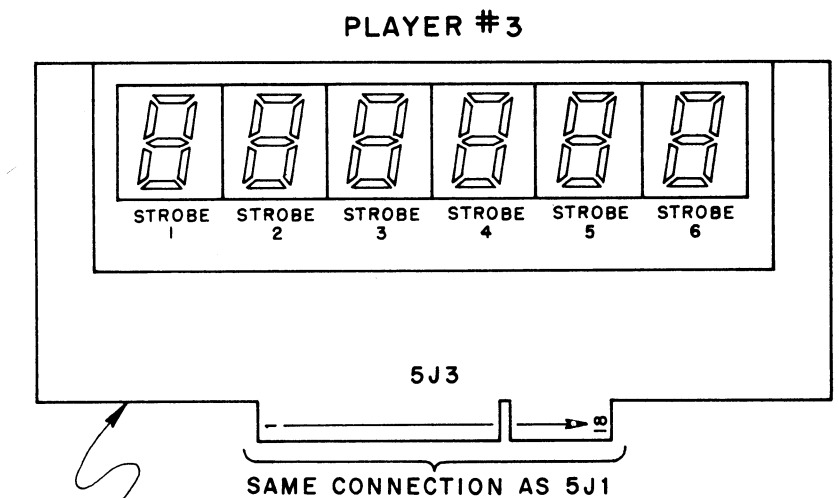
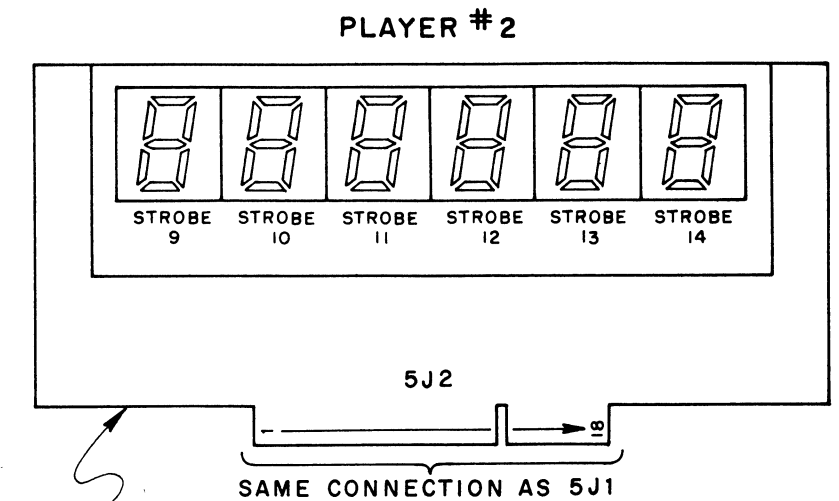
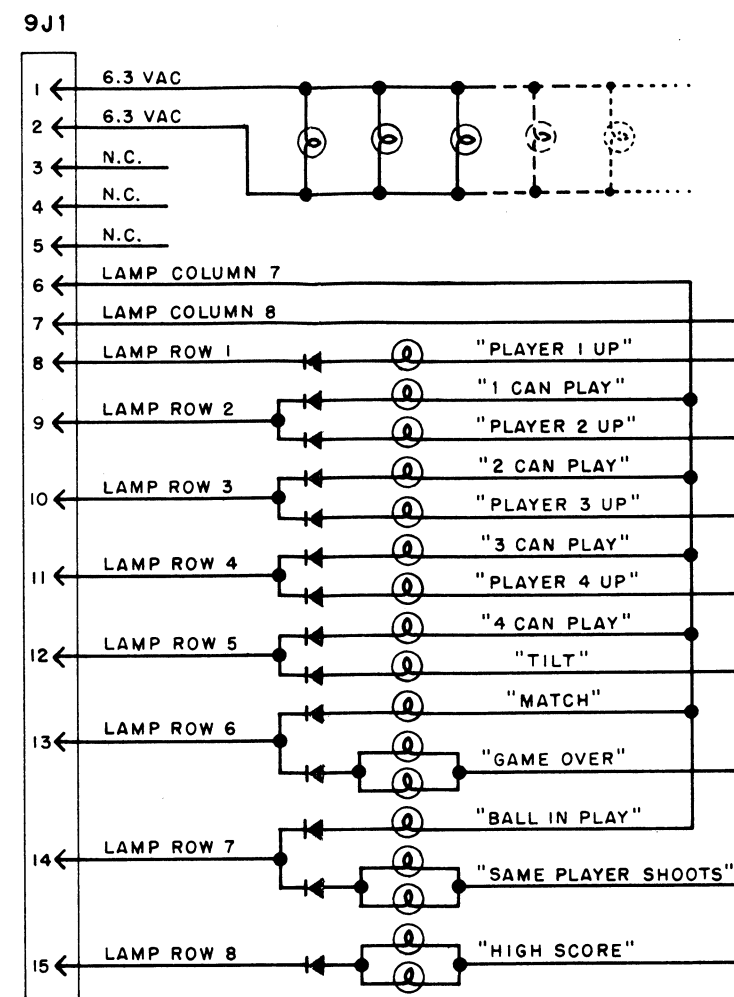
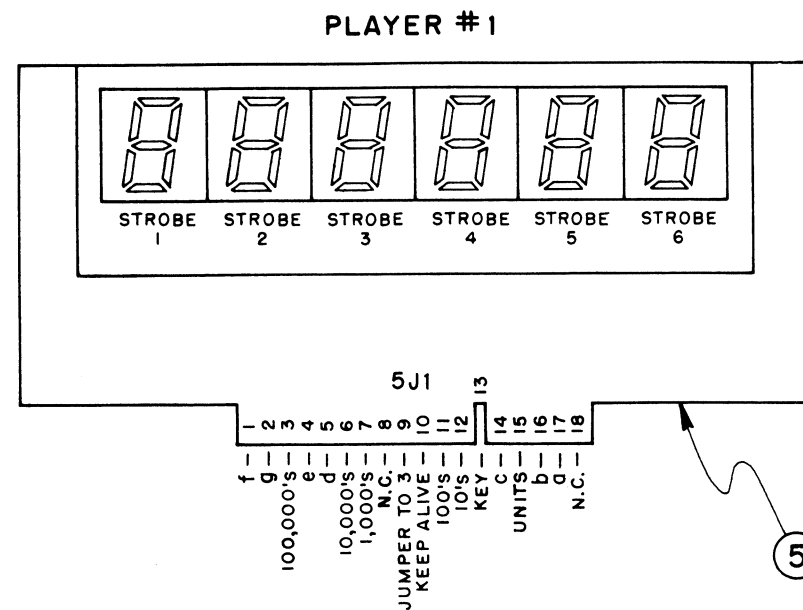
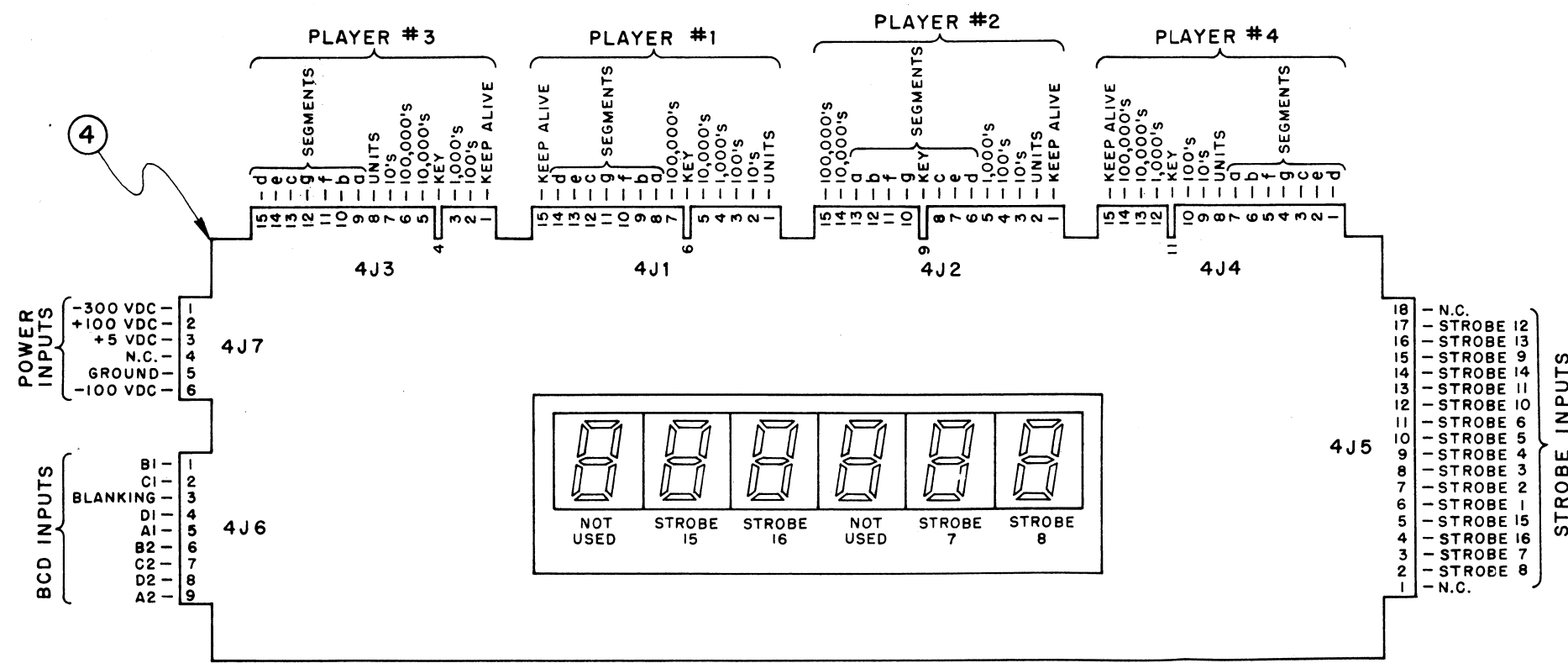




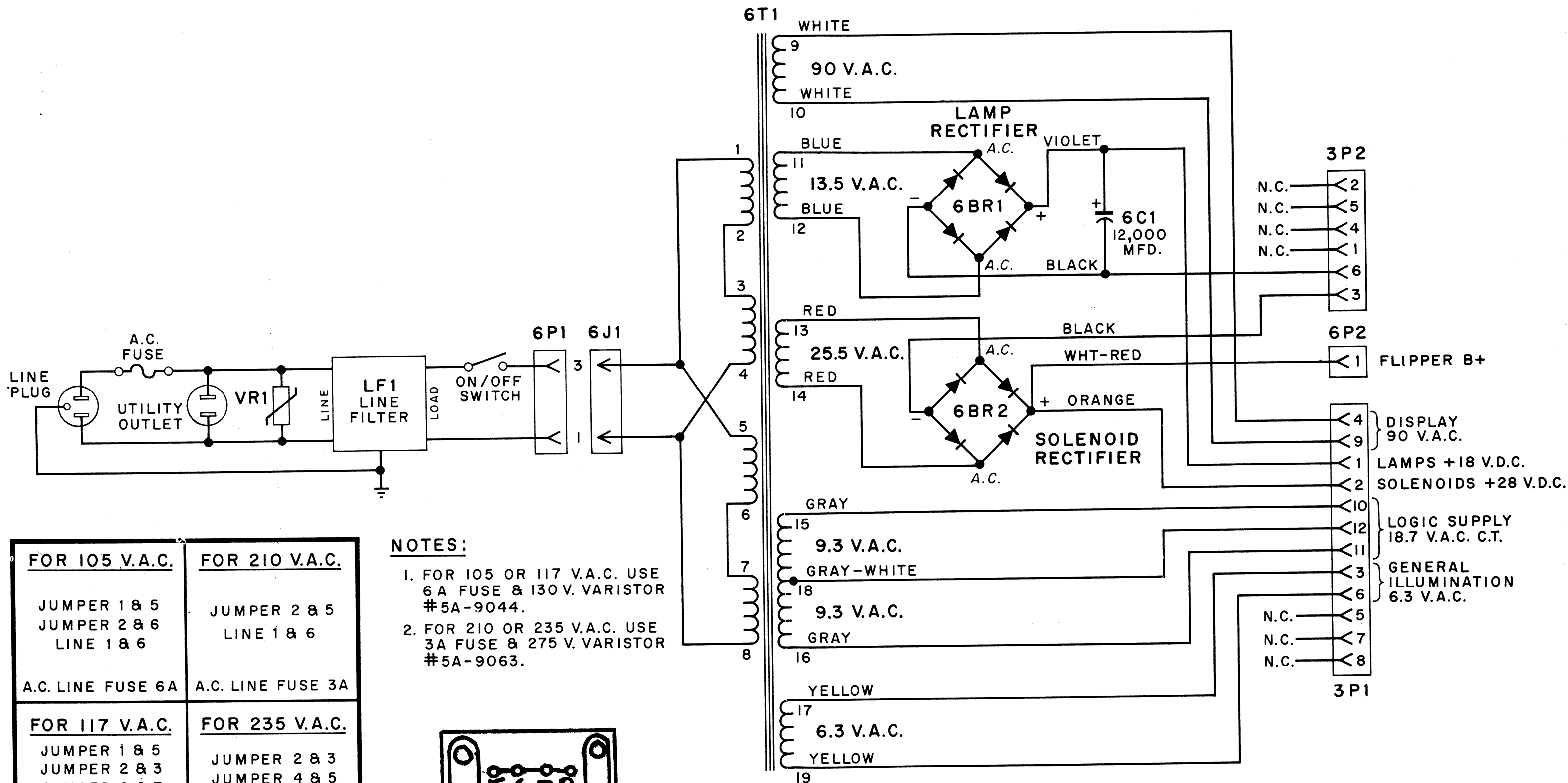


LUCKY SEVEN

INSERT BOARD WIRING



MASTER DISPLAY P.C. BOARD



FOR 105 V.A.C.

JUMPER 1 & 5
JUMPER 2 & 6
LINE 1 & 6

A.C. LINE FUSE 6A

FOR 210 V.A.C.

JUMPER 2 & 5
LINE 1 & 6

A.C. LINE FUSE 3A

FOR 117 V.A.C.

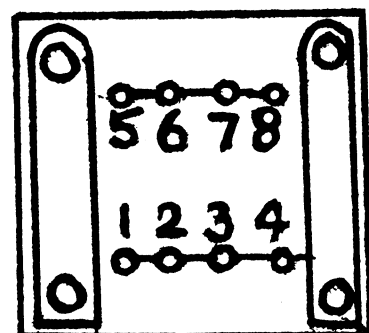
JUMPER 1 & 5
JUMPER 2 & 3
JUMPER 6 & 7
JUMPER 4 & 8
LINE 5 & 8

A.C. LINE FUSE 6A

FOR 235 V.A.C.

JUMPER 2 & 3
JUMPER 4 & 5
JUMPER 6 & 7
LINE 1 & 8

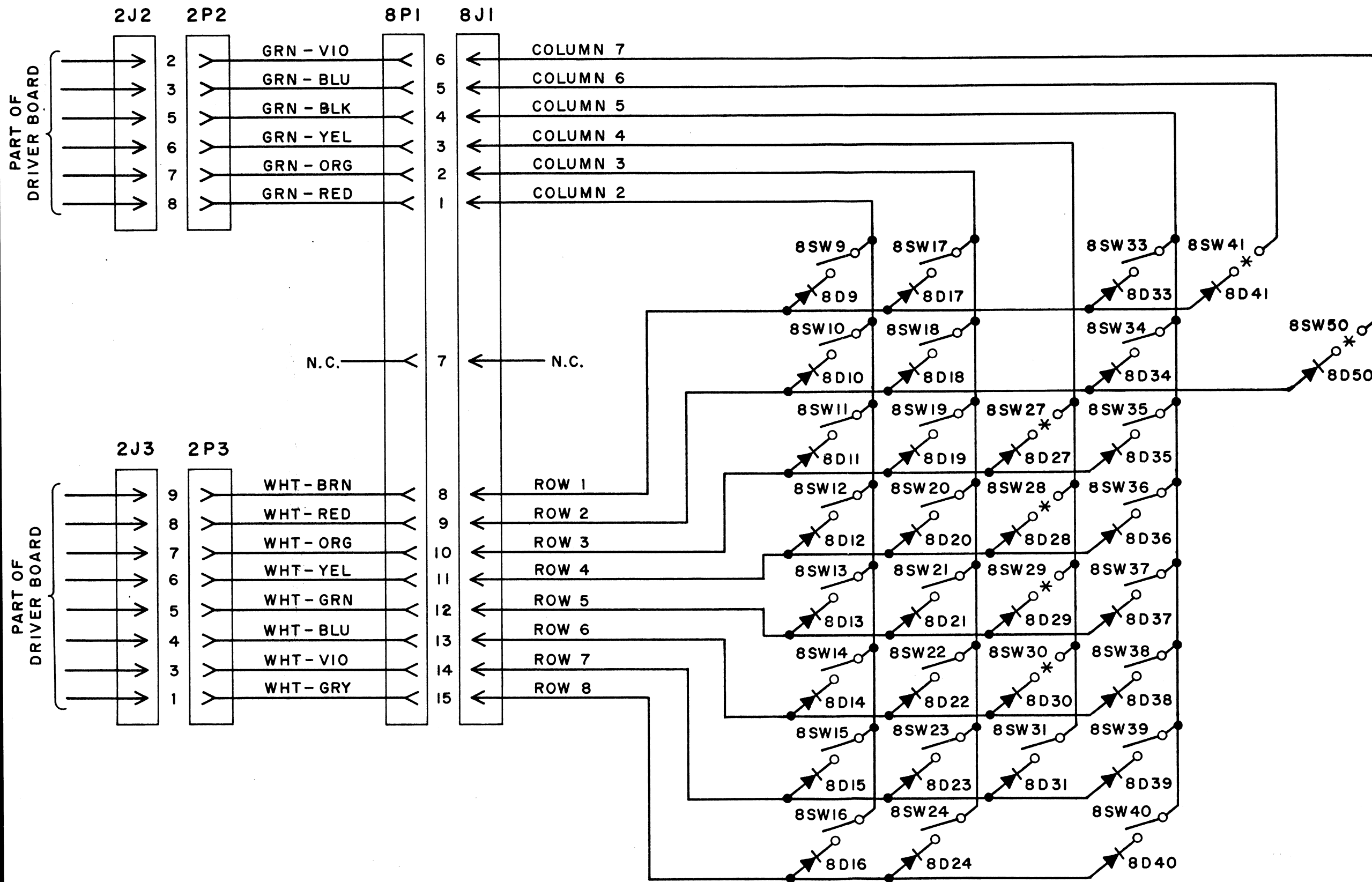
A.C. LINE FUSE 3A



LUCKY SEVEN
POWER WIRING

LUCKY SEVEN

PLAYFIELD SWITCH WIRING DIAGRAM



"LUCKY SEVEN" SWITCH LIST

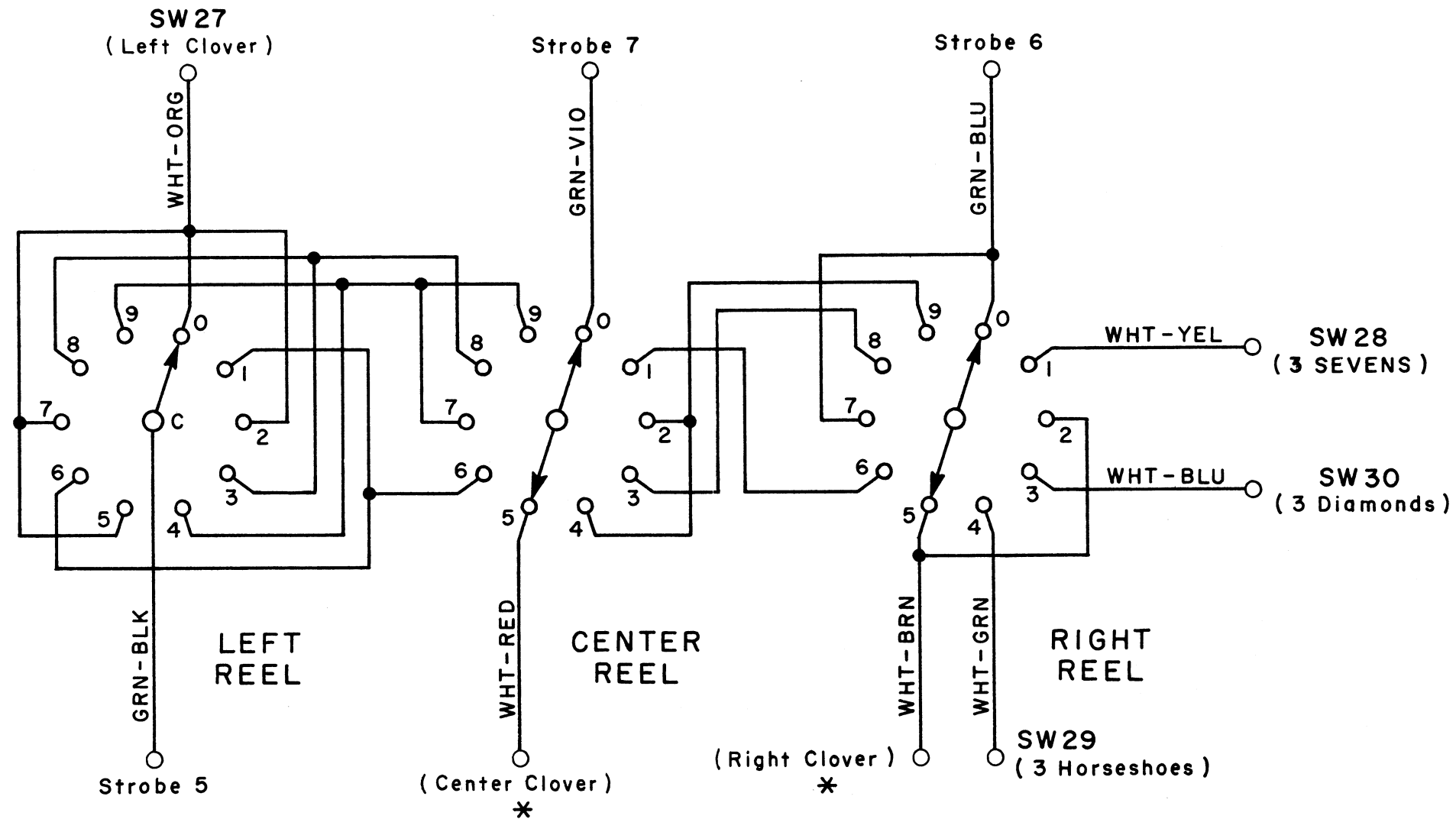
- 09 Top Advance Bonus Target
- 10 Advance Bonus Rollover
- 11 Left Reel Rollover
- 12 Center Reel Rollover
- 13 Right Reel Rollover
- 14 Spinner
- 15 Left Drop Target
- 16 Right Drop Target
- 17 Both Drop Targets Down
- 18 Bottom Advance Bonus Target
- 19 Left Outside Rollover
- 20 Left Inside Rollover
- 21 Right Inside Rollover
- 22 Right Outside Rollover
- 23 Outhole
- 24 Left Kicker
- 25, 26 Not Used
- 27 Left Clover
- 28 Three Sevens
- 29 Three Horseshoes
- 30 Three Diamonds
- 31 Playfield Tilt
- 32 Not Used
- 33 Right Jet Bumper
- 34 Left Jet Bumper
- 35 Left Reel Target
- 36 Right Kicker
- 37 Top Left Stand Up
- 38 Bottom Right Stand Up
- 39 Center Reel Target
- 40 Right Reel Target

NOTE - Following switches do not display switch number in diagnostic switch test.

- 41 Right Clover
- 50 Center Clover

* NOTE: THESE ARE SPECIALLY WIRED; SEE REEL WIRING DIAGRAM FOR POINT TO POINT WIRING.

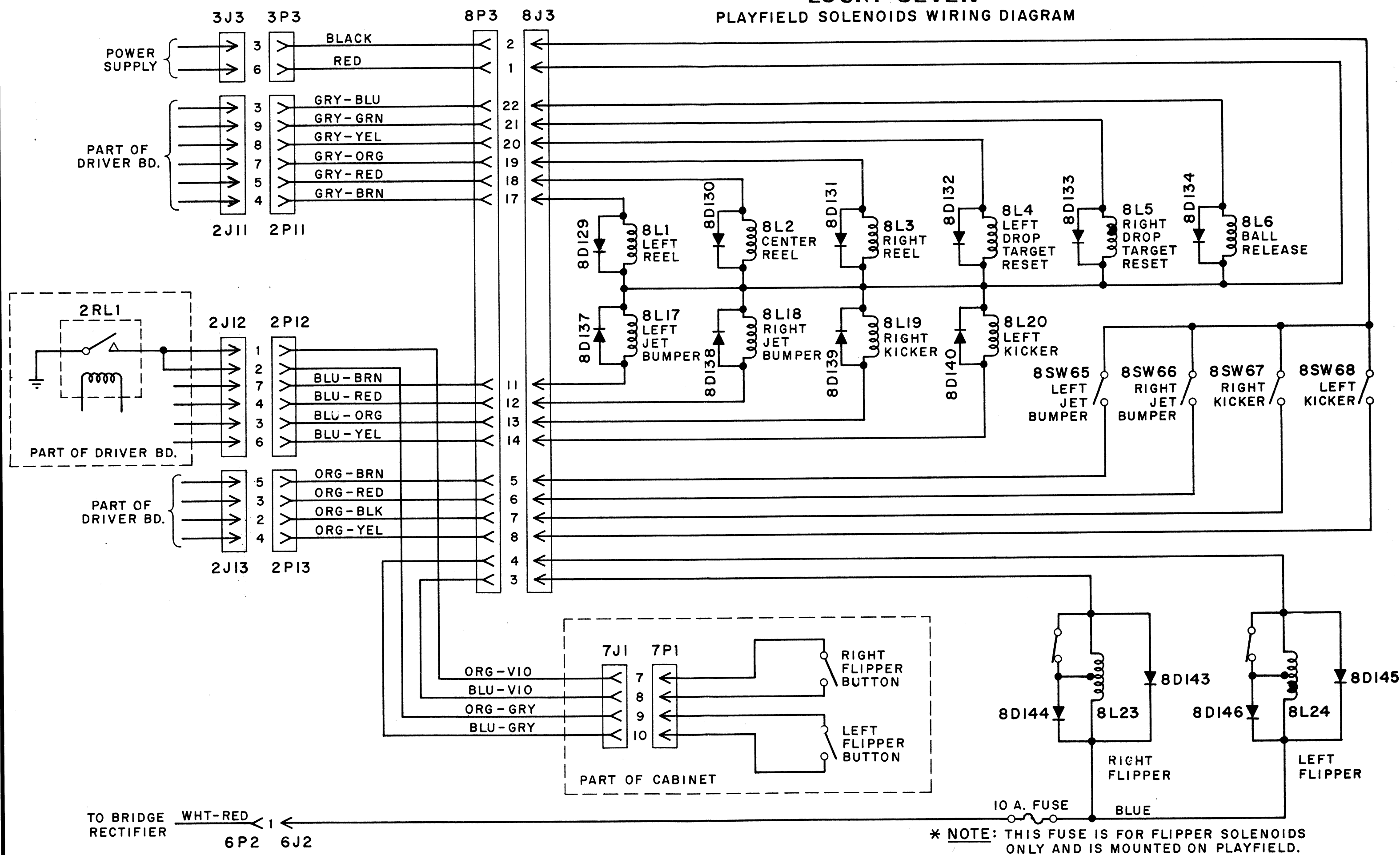
LUCKY SEVEN REEL WIRING DIAGRAM



* These reel combinations do not have an associated switch number. No number will be displayed during diagnostic test 03.

LUCKY SEVEN

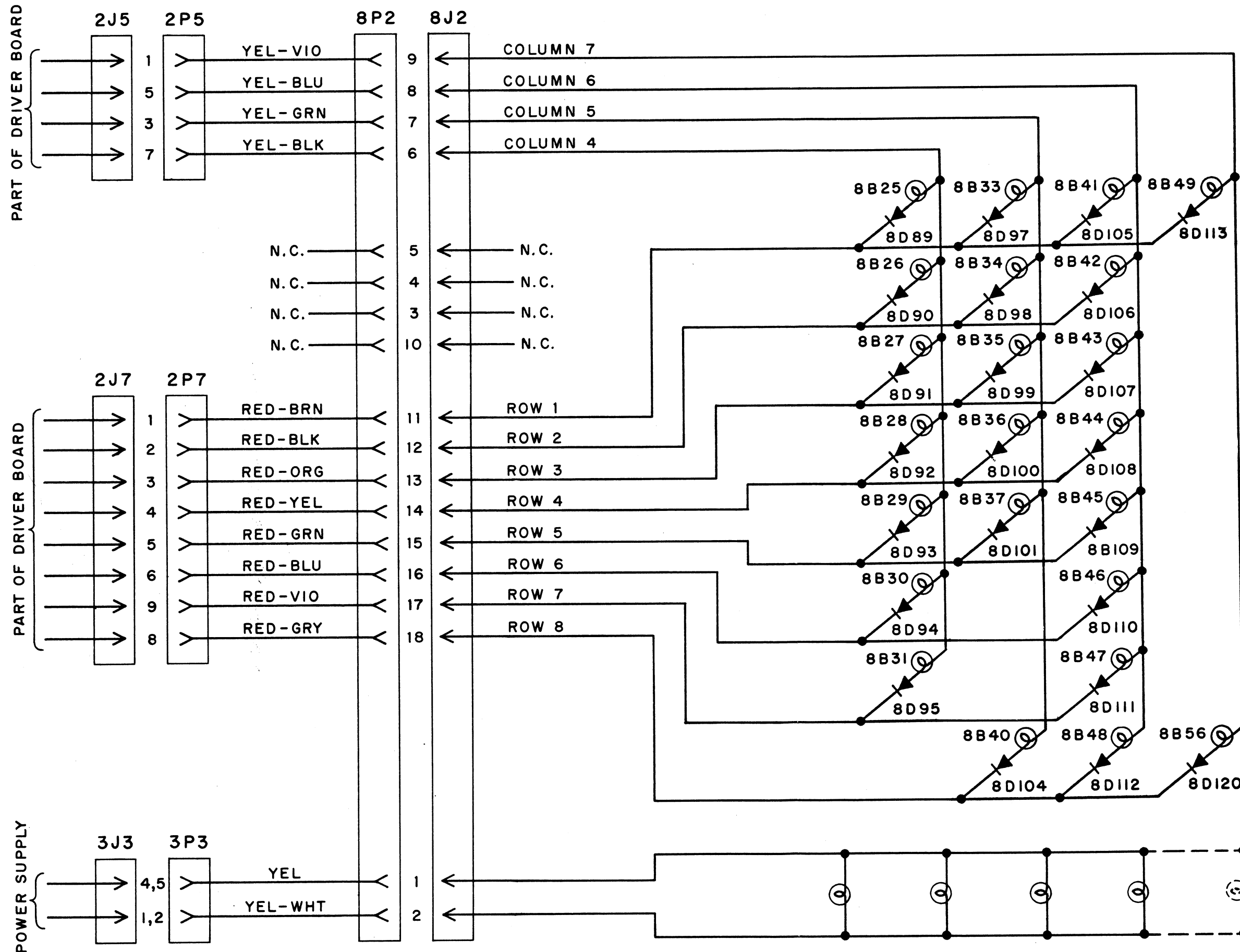
PLAYFIELD SOLENOIDS WIRING DIAGRAM



* NOTE: THIS FUSE IS FOR FLIPPER SOLENOIDS ONLY AND IS MOUNTED ON PLAYFIELD.

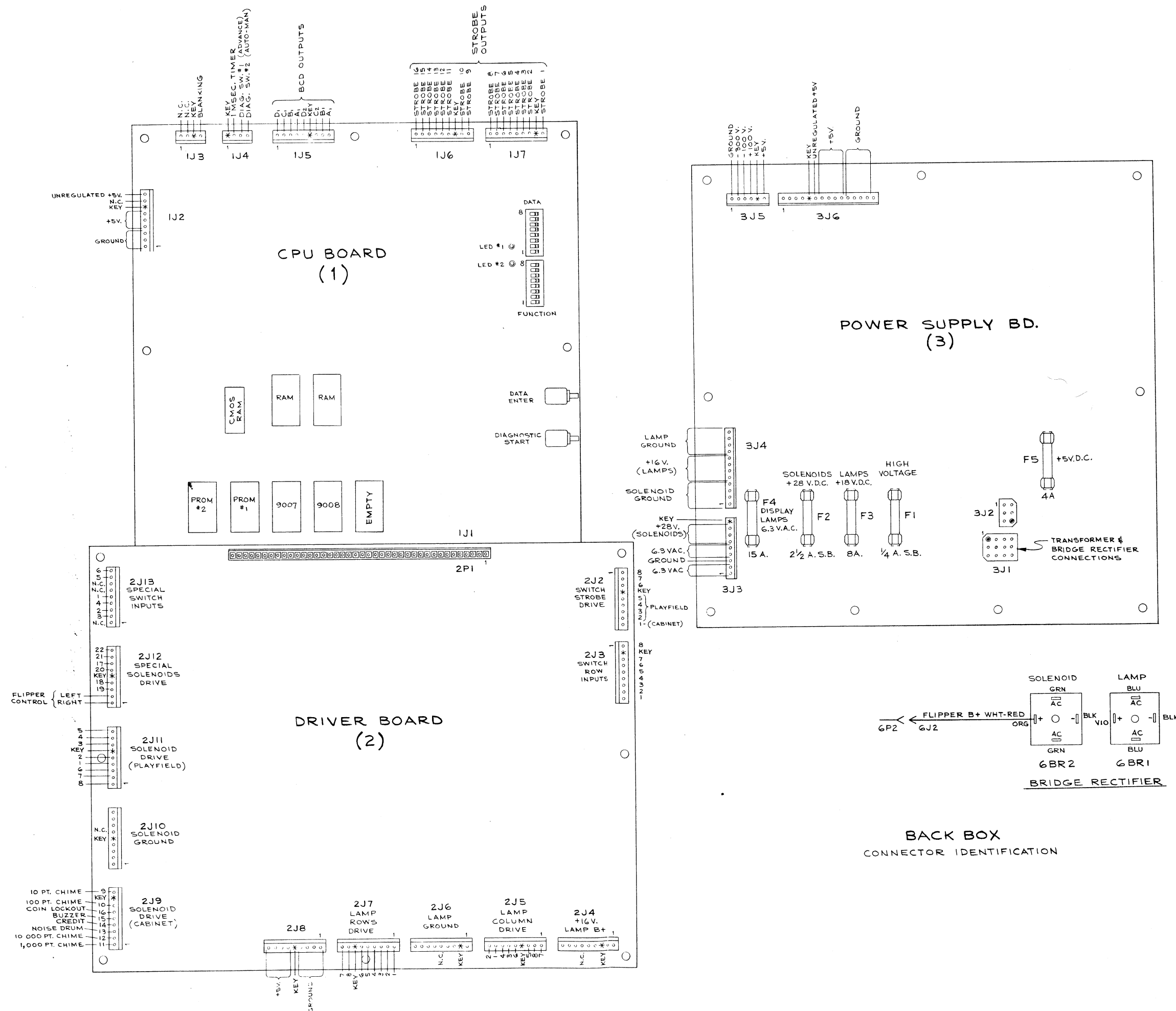
LUCKY SEVEN

PLAYFIELD LAMP WIRING DIAGRAM



LUCKY SEVEN

Bulb No.	Function
25	5,000
26	10,000
27	20,000
28	30,000
29	Light Double Bonus
30	Special
31	Extra Ball
33	Spinner
34	Right Drop Target
35	Left Drop Target
36	Double Bonus
37	Same Player Shoots
40	3,000 Bonus
41	6,000 Bonus
42	9,000 Bonus
43	12,000 Bonus
44	15,000 Bonus
45	18,000 Bonus
46	21,000 Bonus
47	24,000 Bonus
48	27,000 Bonus
49	30,000 Bonus
56	Credits



X INDICATES KEYING
PIN



ITEM NO.	PART NO.	PART DESIGNATION	DESCRIPTION
1			
2	5A-8990	IC2, IC9, IC10	8T28 QUAD BUFFER/REC'V'R.
3	5A-8989	IC3, IC4, IC8	8T97 HEX. TS BUFFER
4	5A-9015	IC21, IC22	PROM 512 X 8 7641/6341
5	5A-9010	IC6	74154 4 TO 16 DECODER
6	5A-9013	IC7	7404 HEX. INVERTER
7	5A-9011	IC11	7410 TRIPLE 3 INP. NAND
8	5A-8973	IC12	7408 QUAD AND
9	5A-9003	IC13, IC16	MC6810 RAM
10	5A-9012	IC15	7442 BCD-DEC DECODER
11	5A-8972	IC18	MC6820 PIA
12	5A-9017	IC19	CMOS RAM 5101
13	5A-9002	IC23	MC3456/556 DUAL TIMER
14	5A-9073	IC24	7400 QUAD 2 INP. NAND
15	5A-	IC25	7402 QUAD 2 INP. NOR
16	5A-9018	ZR1	1N5996 ZENER DIODE
17	5A-8919	DI THRU D18	1N4148 DIODE, SILICON
18	5A-8938	Q1, Q2, Q3, Q6	2N4401 TRANSISTOR
19	5A-9016	Q4, Q5	2N4403 TRANSISTOR, PNP
20	5A-9025	DS1, DS2	8 STN DIP SWITCH
21	5A-9019	LED1, LED2	LED, RED
22	5A-9024	SW1, SW2	SWITCH, SPDT MOMENTARY
23	5A-9020	CR1	CRYSTAL, 3.58 MHZ
24	5A-9009	CI	CAP, TANT., 22 MFD. 10% 10V.
25	5A-8980	C2-C11, C13-C22, C29, C30, C33-C37, C63-C65	CAP, CERAMIC, .01 MFD. 50V.
26	5A-8986	C23	CAP, ELECT., 100 MFD. 10 V.
27	5A-8996	C24	CAP, CERAMIC, .1 MFD. 50V.
28	5A-9023	C27	CAP, TANT., 3.3 MFD. 10V.
29	5A-9029	C28	CAP, TANT., .1 MFD. 10 V.
30	5A-9031	C31	CAP, TANT., 1 MFD. 25 V.
31	5A-9030	C32	CAP, CERAMIC, .047 MFD. 50V
32	5A-9065	C38 THRU C62	CAP, CERAMIC, 470 PFD. 50V
33	5A-8984	R1, R20, R24-R26, R28, R30, R38-R40, R71-R95	RES., FC, 1K 10% 1/4 W.
34	5A-9035	R2	RES., FC, 47K 10% 1/4 W.
35	5A-9040	R3, R4, R5	RES., FC, 33 OHM. 10% 1/4 W.
36	5A-8983	R6-R8, R10, R23	RES., FC, 3.3K 10% 1/4 W.
37	5A-9036	R11, R12	RES., FC, 100 OHM. 10% 1/4 W.
38	5A-8991	R15-R19, R33-R36, R42, R43, R46-R70	RES., FC, 4.7K 10% 1/4 W.
39	5A-9117	R21	RES., FC, 1.8K 2% 1/4 W.
40	5A-9034	R27, R29, R31, R41	RES., FC, 10K 5% 1/4 W.
41	5A-9032	R9	RES., FC, 12K 2% 1/4 W.
42	5A-9039	R32, R37	RES., FC, 10 OHM. 10% 1/4 W.
43	5A-9083	R44, R45	RES., FC, 470 OHM. 10% 1/4 W.
44	5A-	R22	RES, FC, 33K 5% 1/4 W.
45	5A-8985	ICS1, ICS2	40 PIN IC SOCKET
46	5A-9004	ICS3, ICS4, ICS5	24 PIN IC SOCKET
47	5A-9005	ICS6	22 PIN IC SOCKET
48	5A-9006	ICS7	16 PIN IC SOCKET
49	5A-9026	5-REQ'D.	HEADER 09-64-1083
50	5A-9027	4-REQ'D.	HEADER 09-65-1091
51	5A-9028	2-REQ'D.	HEADER 09-65-1041
52	5A	1-REQ'D.	TIE WRAP
53	1B-2001-133-1		P.C. BOARD
54	5A-9004	ICS8 (QTY:4)	24 PIN IC SOCKET
55	5A-9008	IC17	ROM 2K X 8 UPPER
56	5A-9007	IC20	ROM 2K X 8 LOWER
57	5A-9021	QTY. -1	BATTERY HOLDER #171
58	5A-9022	B1, B2, B3	BATTERY, ALKALINE, 1.5 V.
59	5A-8987	IC-1	MC6800 MPU
60	5A-8988	IC-5	MC6875 CLOCK CHIP

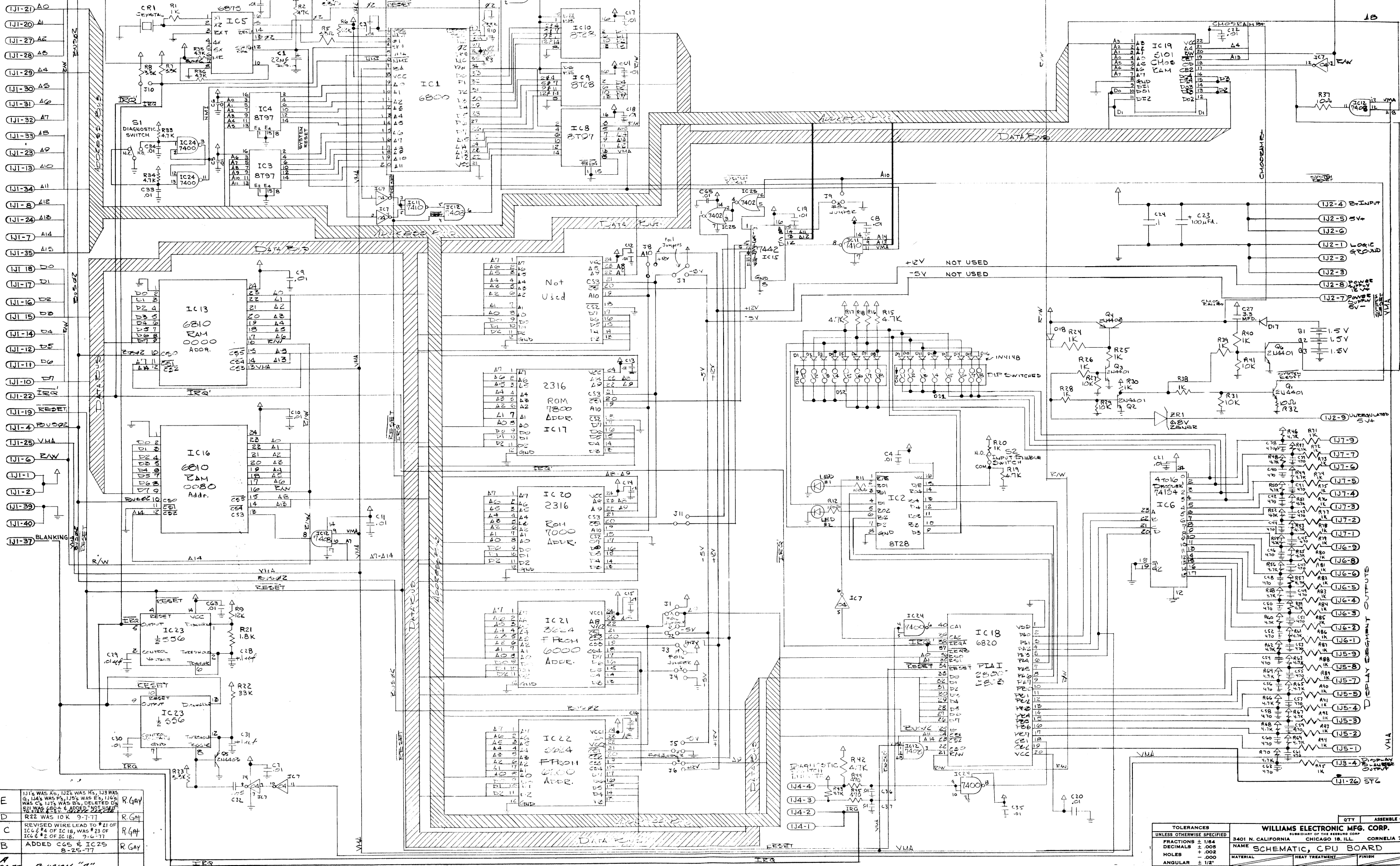
* FOR INFO ONLY NOT PART
OF ASSEMBLY

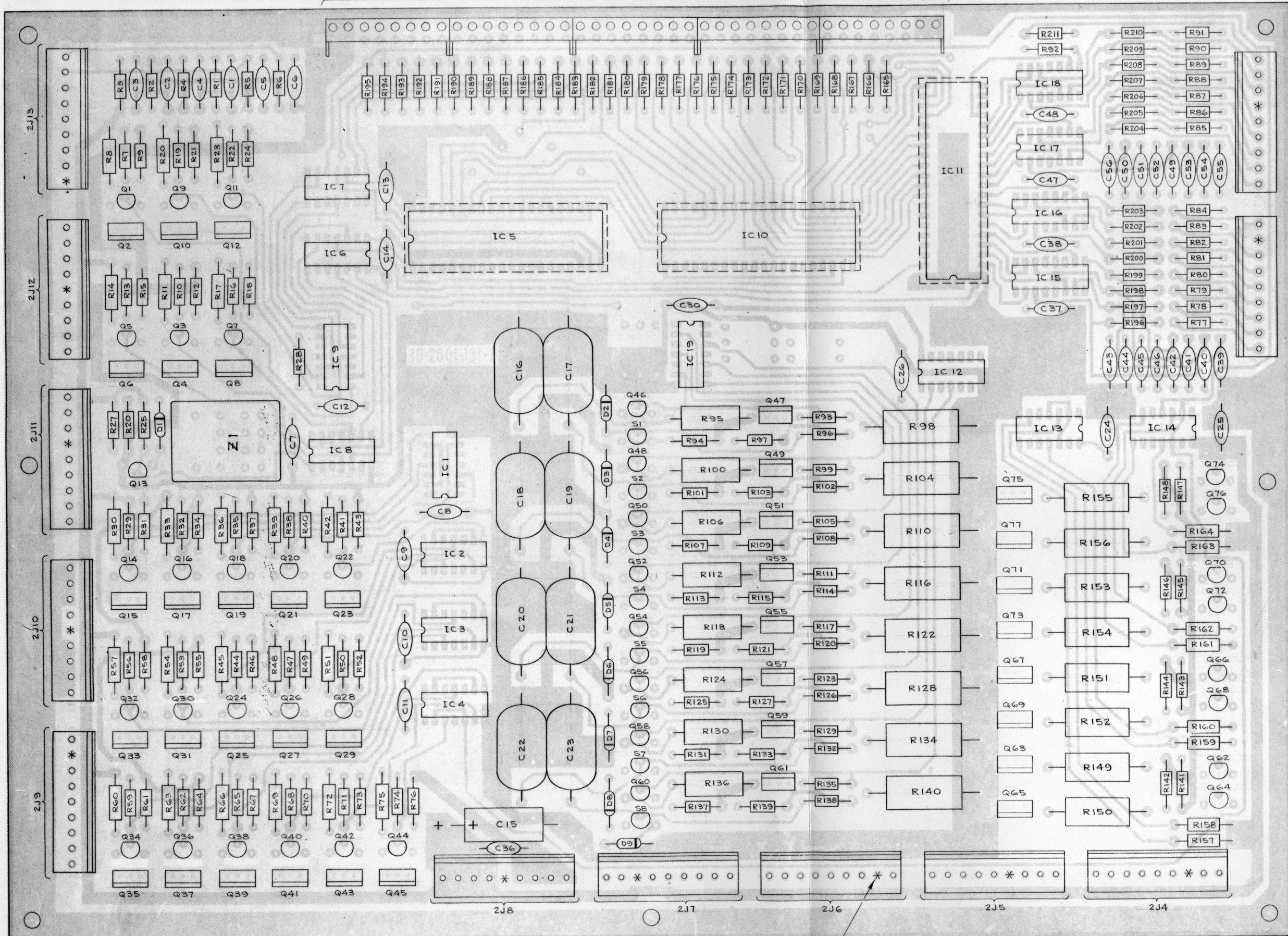
TOLERANCES		WILLIAMS ELECTRONIC MFG. CORP.		
UNLESS OTHERWISE SPECIFIED		SUBSIDIARY OF THE COOPER CORP.		
FRACTIONS ± 1/64		3401 N. CALIFORNIA	CHICAGO 18, ILL.	CORNELIA 7-2240
DECIMALS ± .005		NAME C.P.U. ASSEMBLY		
HOLES ± .002		MATERIAL	HEAT TREATMENT	FINISH
HOLES ± .000				
ANGULAR ± 1/2°				
DRN. 9-16-77		DATE 9-16-77	APFD.	SCALE 2:1
		D-7998		

B	ADD IC1, IC5, SHOW KEYING PINS. REMOVE C25, C26.	DDG
A	DELETED ITEM #1, PT. # 5A-8987 & ITEM #4 PT. # 5A-8988 ADDED ITEMS #55, #56 & #57, ITEM #15 WAS 7400 QUAD 2 INP. NOR ITEM #30 WAS CAP. TANT. J MFD. 25 V. 10-25-77	RGH
REVISION	REVISION	BY

D-7998

DOCUMENT #2





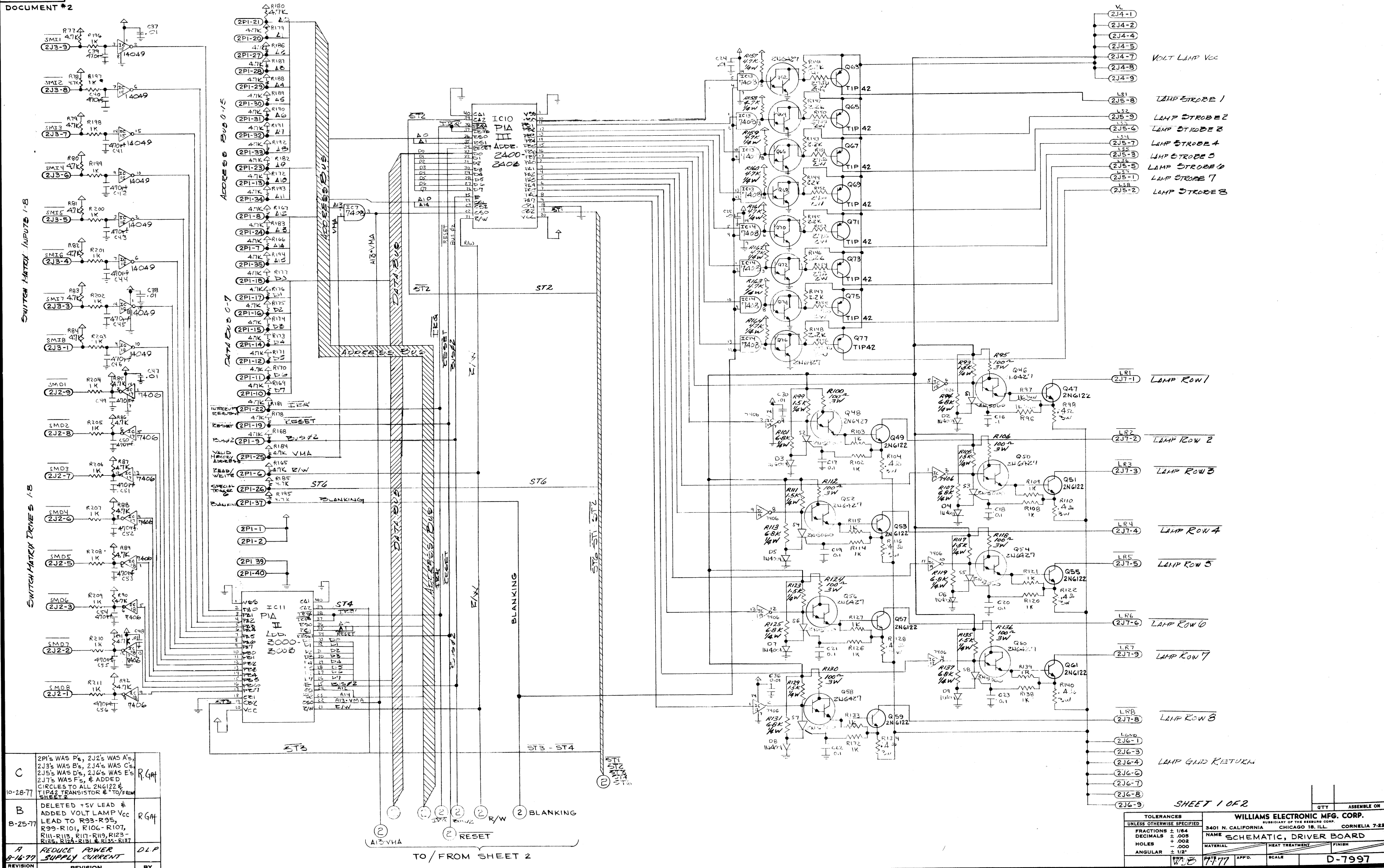
BILL OF MATERIAL				
ITEM NO.	PART NO.	PART DESIGNATION	DESCRIPTION	REQ. NO.
1	1B-2001-131		P.C. DRIVER BOARD	1
2	5A-8948	IC8, IC9	7402 QUADRUPLE 2 INPUT POSITIVE NOR GATE	2
3	5A-8974	IC12, IC17, IC18, IC19	7406 HEX. INVERTER BUFFER DRIVERS W/OPEN COLLECTOR HIGH VOLTAGE OUTPUTS	4
4	5A-8973	IC1 THRU IC4, IC6, IC7, IC13, IC14	7408 QUADRUPLE 2 INPUT POSITIVE AND GATE	8
5	5A-8975	IC15, IC16	MC14049 INVERTING HEX. BUFFER	2
6	5A-8972	IC5, IC10, IC11	MC6820 PERIPHERAL INTERFACE ADAPTER	3
7	5A-8938	Q1, Q3, Q5, Q7, Q9, Q11, Q13, Q14, Q16, Q19, Q20, Q22, Q24, Q26, Q28, Q30, Q32, Q34, Q36, Q38, Q40, Q42, Q44	2N4401 NPN TRANSISTOR	23
8	5A-8976	Q46, Q48, Q50, Q52, Q54, Q56, Q58, Q60, Q62, Q64, Q66, Q68, Q70, Q72, Q74, Q76	2N6427 DARLINGTON NPN TRANSISTOR	16
9	5A-8977	Q2, Q4, Q6, Q8, Q10, Q12, Q15, Q17, Q19, Q21, Q23, Q25, Q27, Q29, Q31, Q33, Q35, Q37, Q39, Q41, Q43, Q45	TIP120 DARLINGTON NPN POWER TRANSISTOR	22
10	5A-8978	Q63, Q65, Q67, Q69, Q71, Q73, Q75, Q77	TIP42 PNP POWER TRANSISTOR	8
11	5A-8979	Q47, Q49, Q51, Q53, Q55, Q57, Q59, Q61	2N6122 NPN POWER TRANSISTOR	8
12	5A-6258	D1	1N4001 DIODE	1
13	5A-8919	D2 THRU D9	1N4148 DIODE	8
14	5A-9014	S1 THRU S8	2N5060 SCR	8
15	5A-8980	C1 THRU C14, C24 THRU C26, C30, C37, C38, C41, C45	.01 MFD. (+80-20%) CERAMIC CAPACITOR (50V.)	22
16	5A-8995	C16 THRU C23	1 MFD. (10%) POLYESTER FILM CAPACITOR	18
17	5A-9065	C39 THRU C46, C49 THRU C56	470 PFD. (20%) CERAMIC CAPACITOR 50V.	16
18	5A-8986	C15	100 MFD. ELECTROLYTIC CAPACITOR (10V.)	1
19	5A-8996	C36	1 MFD. (+80-20%) CERAMIC CAPACITOR (50V.)	1
20	5A-8991	R1 THRU R6, R27, R71 THRU R92, R157 THRU R195	4.7K OHM RESISTOR 10% 1/4 WATT	62
21	5A-8983	R28	3.3K OHM RESISTOR 10% 1/4 WATT	1
22	5A-8984	R36, R37, R102, R103, R108, R109, R114, R115, R120, R121, R126, R127, R132, R133, R138, R139, R196 THRU R211	1K OHM RESISTOR 10% 1/4 WATT	32
23	5A-8992	R7, R10, R13, R16, R19, R22, R23, R32, R35, R38, R41, R44, R47, R50, R53, R56, R59, R62, R65, R68, R71, R74	560 OHM RESISTOR 10% 1/4 WATT	22
24	5A-8993	R8, R11, R14, R17, R20, R23, R30, R33, R36, R39, R42, R45, R48, R51, R54, R57, R60, R63, R66, R69, R72, R75	68 OHM RESISTOR 10% 1/2 WATT	22
25	5A-8997	R9, R12, R15, R18, R21, R24, R25, R31, R34, R37, R40, R43, R46, R49, R52, R55, R58, R61, R64, R67, R70, R73, R76	2.7K OHM RESISTOR 10% 1/4 WATT	23
26	5A-8817	R26	10K OHM RESISTOR 10% 1/4 WATT	1
27	5A-8998	R141 THRU R148	2.2K OHM RESISTOR 10% 1/4 WATT	8
28	5A-8999	R149 THRU R156	27 OHM RESISTOR 10% 2 WATT	8
29	5A-9084	R95, R100, R106, R112, R118, R124, R130, R136	100 OHM RESISTOR 10% 3 WATT	8
30	5A-9085	R38, R39, R105, R111, R117, R123, R129, R135	1.5K OHM RESISTOR 10% 1/4 WATT	8
31	5A-9037	R38, R104, R110, R116, R122, R128, R134, R140	4 OHM WIREWOUND RESISTOR, 10% 3 WATT	8
32	5A-8994	Z1	PSLAY - 4 POLE - 5 AMP. CONTACTS C.V.D.C. 10 OHM COIL	1
33	5A-9066	PH1 THRU PH5	8 PIN RECEPTACLE	5
34	5A-9027	PH1 THRU PH12	9 PIN HEADER	12
35	5A-8985	PS1 THRU PS3	40 PIN I.C. SOCKET	3
36	5A-9086	R94, R101, R107, R113, R119, R125, R131, R137	6.8K OHM RESISTOR 10% 1/4 WATT	8

* INDICATES KEYING PIN

2

REVISION LETTER	REVISION	BY
C	REDRAWN	R.G.H.

TOLERANCES UNLESS OTHERWISE SPECIFIED		WILLIAMS ELECTRONIC MFG. CORP.	
FRACTIONS	± 1/64	3401 N. CALIFORNIA	CHICAGO 18, ILL.
DECIMALS	± .005	CORNELIA 7-2240	
HOLES	± .002	NAME DRIVER BOARD ASSEMBLY	
ANGULAR	± 1/2°	MATERIAL	
DATE	8-16-77	HEAT TREATMENT	
DWN.		FINISH	
SCALE	2:1	D-7997	



SOLENOID 1 DRIVE

SOLENOID 2 DRIVE

SOLENOID 3 DRIVE

SOLENOID 4 DRIVE

SOLENOID 5 DRIVE

SOLENOID 6 DRIVE

SOLENOID 7 DRIVE

SOLENOID 8 DRIVE

SOLENOID 9 DRIVE

SOLENOID 10 DRIVE

SOLENOID 11 DRIVE

SOLENOID 12 DRIVE

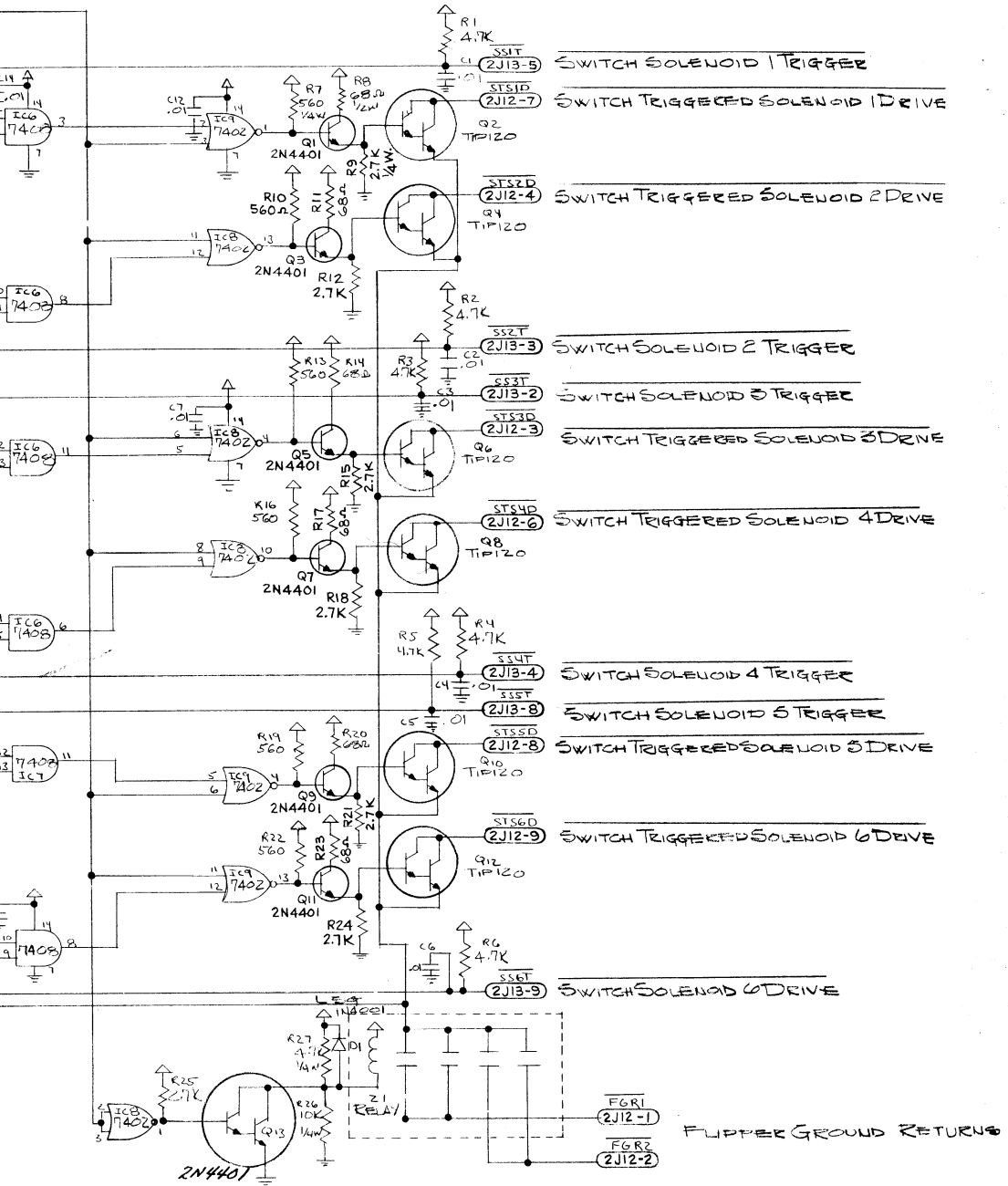
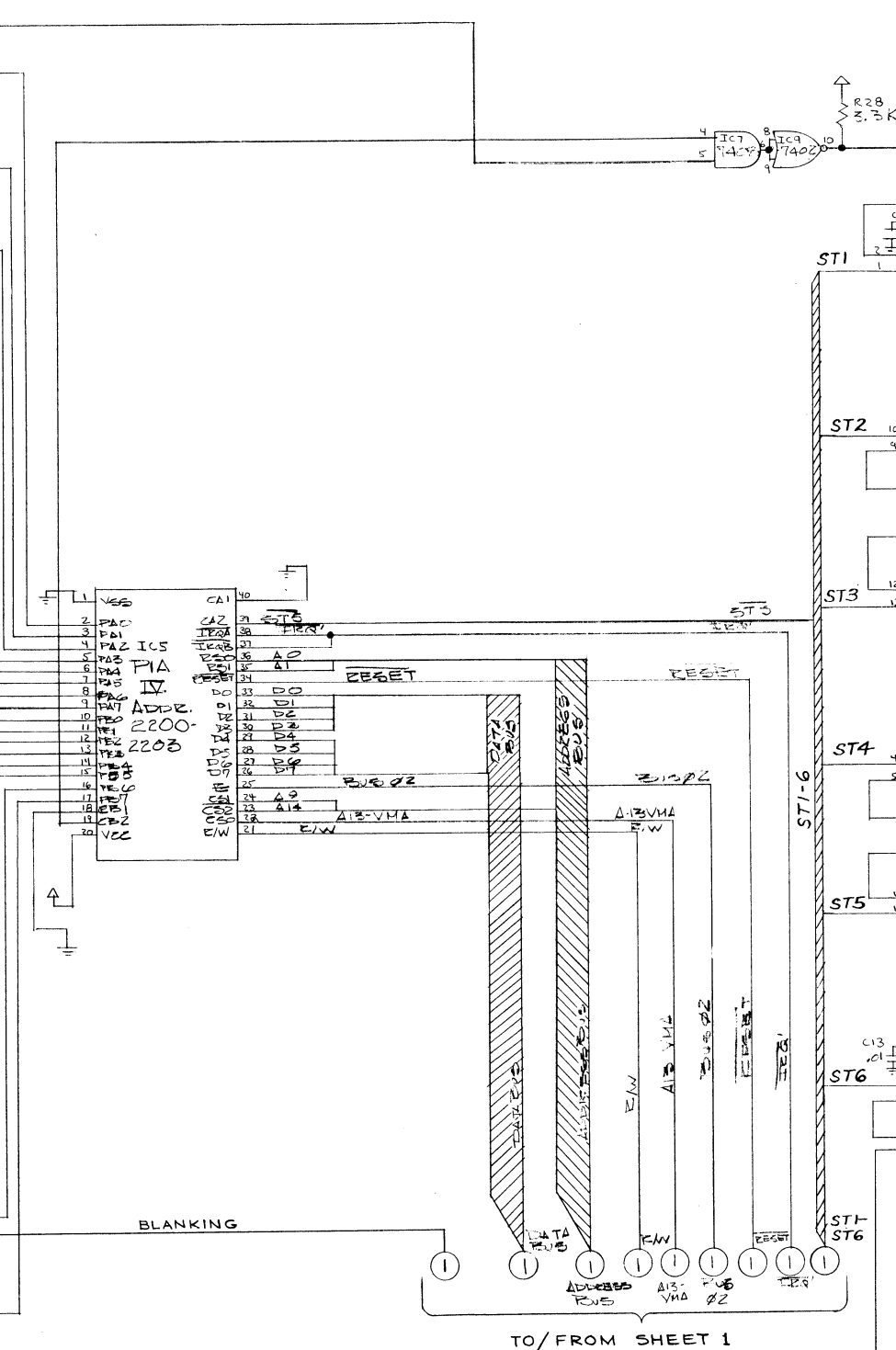
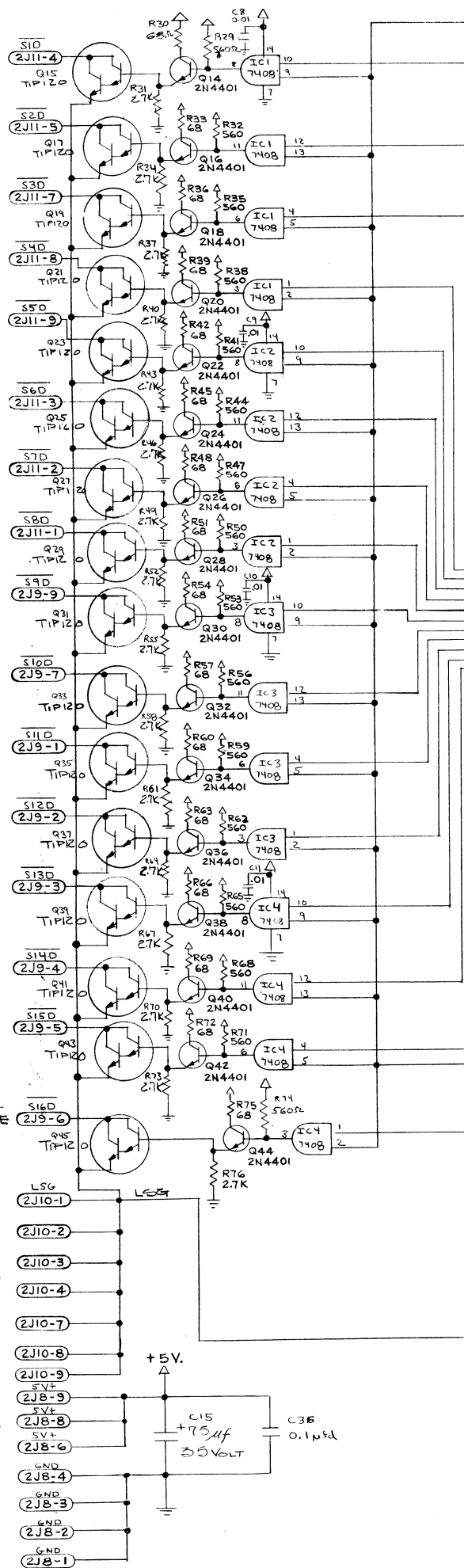
SOLENOID 13 DRIVE

SOLENOID 14 DRIVE

SOLENOID 15 DRIVE

COIL LOCKOUT SOLENOID DRIVE

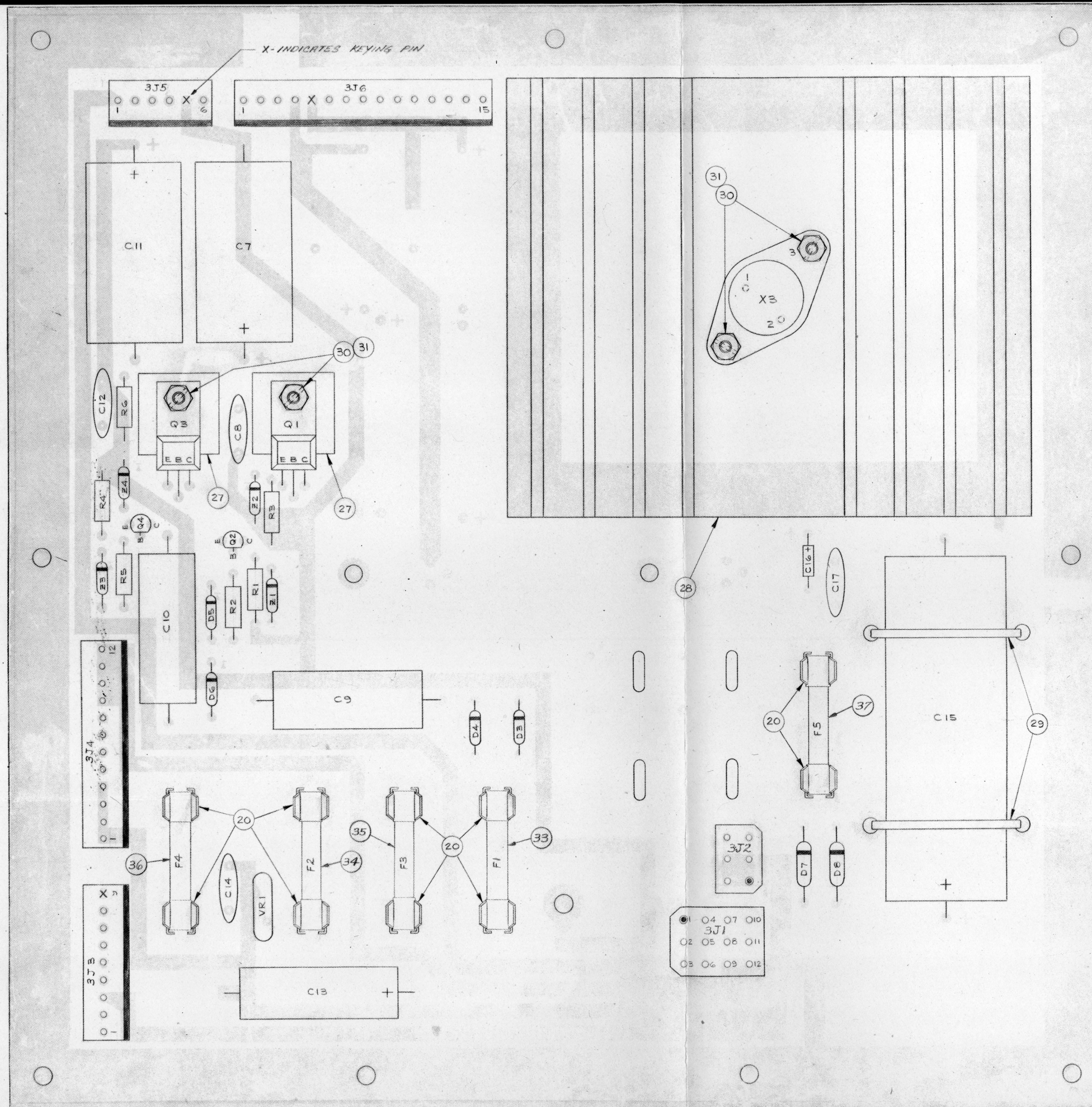
LAMP & SOLENOID GROUND



B	2J8's WAS G's, 2J9's WAS H's, 2J10's WAS J's, 2J11 WAS K's, 2J12 WAS L's 2J13 WAS M's & ADDED TO/ FROM SHEET 1 & CIRCLES TO ALL 2N4401 TRANSISTORS	R. Gaff
REVISION	REVISION "A"	BY
DATE	10-28-77	

SHEET 2 OF 2

TOLERANCES	UNLESS OTHERWISE SPECIFIED	WILLIAMS ELECTRONIC MFG. CORP.
FRACTIONS	± 1/64	3401 N. CALIFORNIA
DECIMALS	± .005	SUBSIDIARY OF THE BEHRING CORP.
HOLES	± .002	CHICAGO 18, ILL.
ANGULAR	± 1/2°	CORNELIA 7-2240
NAME	SCHEMATIC, DRIVER BOARD	
MATERIAL		
HEAT TREATMENT		
FINISH		
DATE	10-27-77	APP'D.
SCALE		
QTY		ASSEMBLE ON
D-7997		

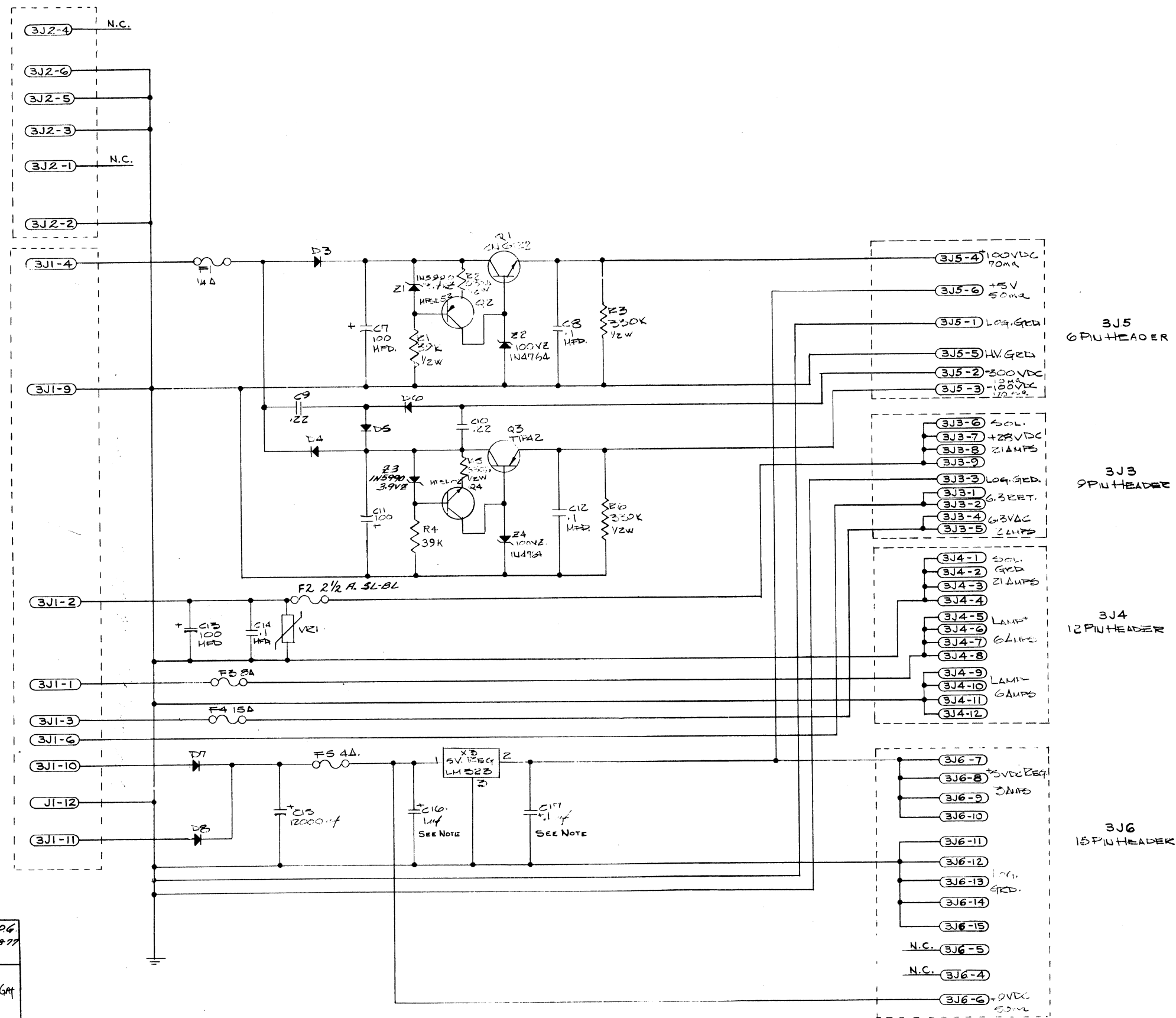


BILL OF MATERIAL

ITEM NO.	PART NO.	PART DESIGNATION	DESCRIPTION
1	5A-9049	X3	3 AMP 5VOLT POSITIVE VOLTAGE REGULATOR
2	5A-9057	Q1	TRANSISTOR NPN TO202
3	5A-9055	Q2	TRANSISTOR PNP MPSD52
4	5A-9058	Q3	TRANSISTOR PNP TO202
5	5A-9056	Q4	TRANSISTOR NPN MPSD02
6	5A-9054	D3 THRU D6	DIODE 1N4004
7	5A-9045	D7, D8	DIODE MR500
8	5A-9059	Z1, Z3	ZENER DIODE 1N5990
9	5A-9060	Z2, Z4	ZENER DIODE 1N4764
10	5A-9064	VR1	VARIATOR
11	5A-9062	R1, R4	RESISTOR 39K Ω 1/2 W.
12	5A-9061	R2, R5	RESISTOR 680 Ω 1/2 W.
13	5A-9069	R3, R6	RESISTOR 330K Ω 1/2 W.
14	5A-9053	C7, C11	CAPACITOR 100MFD. 150VDC.
15	5A-9070	C13	CAPACITOR 100MFD. 100VDC.
16	5A-9046	C15	CAPACITOR 12,000 MFD. 16 VDC.
17	5A-9072	C8, C12, C14, C17	CAPACITOR 1 MFD. 500 VDC.
18	5A-9047	C9, C10	CAPACITOR .22 MFD. 400VDC.
19	5A-9031	C16	CAPACITOR 1 MFD 25 VDC.
20	5A-9052	10-REQ'D.	FUSEHOLDER
21	5A-9068	J1	12 PIN CONNECTOR
22	5A-9038	J2	6 PIN HEADER CONNECTOR
23	5A-9027	J3	9 PIN HEADER CONNECTOR
24	5A-9043	J4	12 PIN HEADER CONNECTOR
25	5A-9074	J5	15 PIN HEADER CONNECTOR
26	5A-9067	J6	6 PIN CIRCUIT CONNECTOR
27	5A-9042	2-REQ'D.	HEAT SINK
28	5A-9041	1-REQ'D.	4" X 4 1/2" HEAT SINK
29		2-REQ'D.	TIE WRAP
30		4-REQ'D.	5-40 X 1/16 R.H. MECH. SCREW
31		4-REQ'D.	5-40 HEX. NUT
32	ID-2001-134	1-REQ'D.	P.C. BOARD
33	5A-8761	F1	3A FUSE 1/4 AMP.
34	5A-9125	F2	3A FUSE 2 1/2 AMP.
35	5A-9071	F3	FUSE 8 AMP.
36	5A-6567	F4	FUSE 15 AMP.
37	5A-6314	F5	3A FUSE 4 AMP.

REVISION LETTER	REVISION	BY
G	ADD FUSES, CHANGE CONNECTOR NUMBERS	D.D.G.
F	INTERCHANGED ITEMS #30 & #31, ADDED "MPSD52" TO ITEM #3, "MPSD02" TO ITEM #5, "1N4004" TO ITEM #6, "MR500" TO ITEM #7, "1N5990" TO ITEM #8 & "1N4764" TO ITEM #9, ITEM #11 WAS 39K Ω 1/2 W. SPOILED "CAPACITOR" CORRECTLY. 10-24-77	R.G.H.
E	REVISED J6 CALLOUT NO'S. PROPERLY 9-14-77	R.G.H.
D	REDRAWN & REVISED B/M. 9-13-77	R.G.H.

TOLERANCES	UNLESS OTHERWISE SPECIFIED	WILLIAMS ELECTRONIC MFG. CORP.
FRACTIONS	$\pm 1/64$	3401 N. CALIFORNIA CHICAGO 18, ILL. CORNELIA 7-32
DECIMALS	$\pm .005$	
HOLES	$\pm .002$	
ANGULAR	$\pm 1/2^\circ$	
DWN.	D.D.G.	DATE 8-15-77 APP'D. SCALE 2:1 D-7999



NOTE
1. C-16 AND C-17 MUST BE LOCATED AS CLOSE TO REGULATOR AS POSSIBLE.

D	3J5 WAS 3J2, 3J6 WAS 3J5, 3J2 WAS 3J6 AND CHANGED F2 FROM 10A-70 TO 2 1/2 A 5L-BL	R.D.G. 11-18-77
C	3J1'S WAS J1'S, 3J2'S WAS J2'S, 3J3'S WAS J3'S, 3J4'S WAS J4'S, 3J5'S WAS J5'S, 3J6'S WAS J6'S & DELETED C1-500uf, C2-100uf, C3-1uf, C4-500uf, C5-100uf, C6-1uf, D1, D2, F6-34A, F7-34A, MC1812 & MC1905	R.G.M. 10-28-77
B	IN J6, *4 WAS *3, *6 WAS *5 WAS *2, *3 WAS *4, *1 WAS *6 & *2 WAS *5 & IN J3 *2 WAS *12 & *5 WAS *15	R.G. 9-14-77
8-17-77	IDENTIFY PROTO SECT	SRP
REVISION LETTER	REVISION	BY

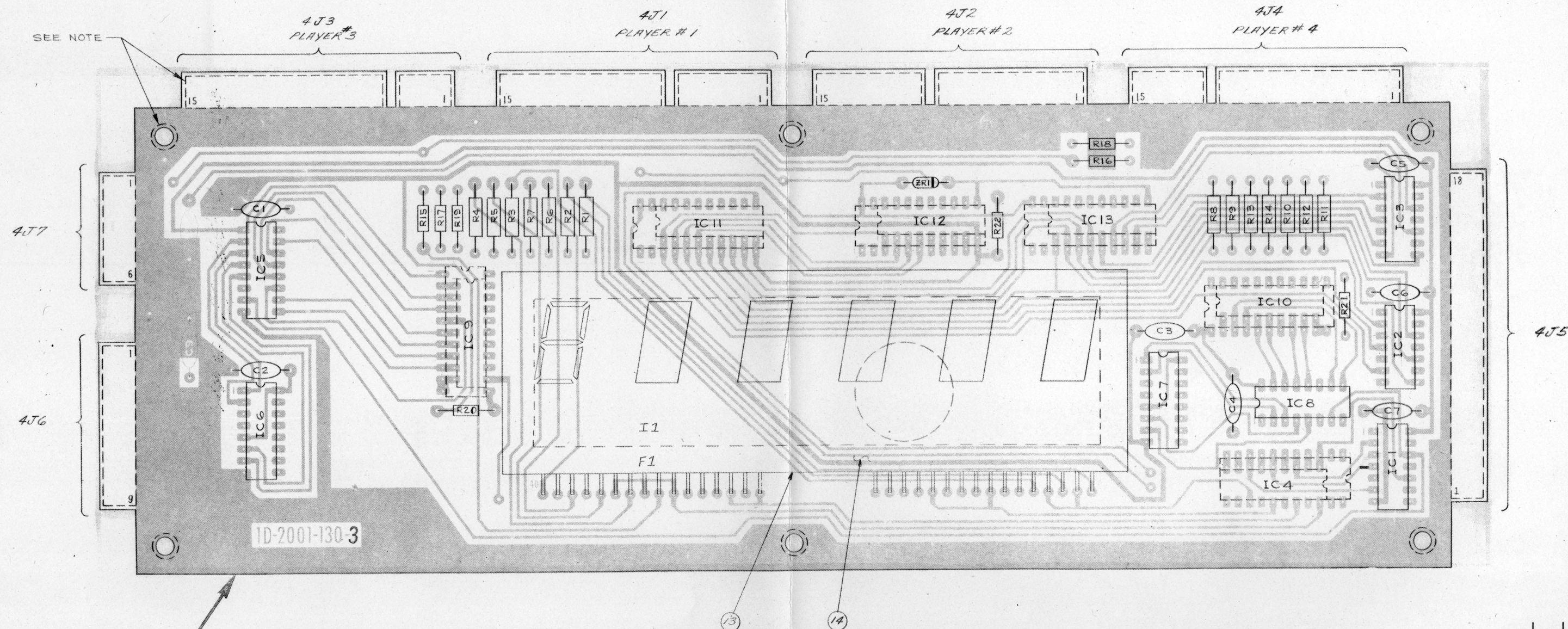
TOLERANCES		WILLIAMS ELECTRONIC MFG. CORP.		
UNLESS OTHERWISE SPECIFIED		SUBSIDIARY OF THE BEERUNG CORP.		
FRACTIONS	± 1/64	3401 N. CALIFORNIA	CHICAGO 18, ILL.	CORNELIA 7-2240
DECIMALS	± .005	NAME SCHEMATIC, POWER SUPPLY BOARD		
HOLES	± .002	MATERIAL	HEAT TREATMENT	FINISH
ANGULAR	± 1/2°	DATE	APP'D.	SCALE
		WZP	11-14-77	D-7999

NOTES:

- DASHED LINES DENOTE EDGE CONNECTORS AND MOUNTING HOLES TO BE PROTECTED DURING SOLDERING.
- *-USE EITHER ITEM #3 (IC5 & IC8) OR ITEM #4 (IC6 & IC7).
- **FOR CAPACITORS C1 THRU C4, USE EITHER C1 AND C4 WITH IC5 & IC8 OR C2 AND C3 WITH IC6 & IC7.

BILL OF MATERIAL

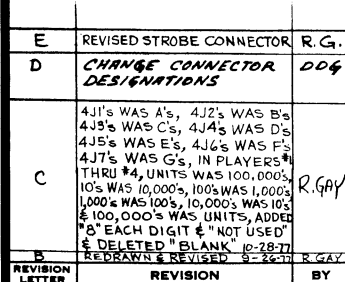
ITEM NO.	PART NO.	PART DESIGNATION	DESCRIPTION
1	ID-2001-130	PC1	MASTER DISPLAY P.C. BOARD
2	5A-8971	IC1, IC2, IC3	MC14069 HEX. INVERTER
* 3	5A-8970	IC5, IC8	MC14543 BCD TO SEVEN SEGMENT LATCH/DECODER/DRIVER
* 4		IC6, IC7	MC14558 BCD TO SEVEN SEGMENT DECODER
5	5A-8969	IC9, IC10	UDN-7180 OR NE584 GAS DISCHARGE DISPLAY SEGMENT DRIVERS
6	5A-8968	IC4, IC11, IC12, IC13	UDN-6184 OR NE585 GAS DISCHARGE DISPLAY DIGIT DRIVERS
7	5A-8981	R1 THRU R14	RES., FC., 10 K OHM. $\pm 10\%$ $\frac{1}{2}$ W.
8	5A-8982	R15 THRU R19	RES., FC., 3 MEG OHM. $\pm 10\%$ $\frac{1}{4}$ W.
9	5A-9119	R20, R21	RES., FC., 91K OHM. $\pm 10\%$ $\frac{1}{4}$ W.
10	5A-9120	R22	RES., FC., 270 K OHM. $\pm 10\%$ $\frac{1}{4}$ W.
11	5A-9118	ZR1	IN6000 ZENER DIODE 10V-5%
** 12	5A-8980	C1 THRU C7	CAP., CERAMIC, .01 MFD. +80-20%
13	5A-8966	I1	6 DIGIT DISPLAY
14	23A-6534	F1	DISPLAY MTG. ADHESIVE FORM



4

A	CORRECT CONNECTOR DESIGNATIONS, ADD: DISPLAY AND FORM TAPE TO B/M	D.D.G
REVISION LETTER	REVISION	BY

TOLERANCES		WILLIAMS ELECTRONIC MFG. CORP.		
UNLESS OTHERWISE SPECIFIED		SUBSIDIARY OF THE BEBORG CORP.		
FRACTIONS	$\pm 1/64$	3401 N. CALIFORNIA	CHICAGO 18, ILL.	CORNELIA 7-2240
DECIMALS	$\pm .005$	NAME MASTER DISPLAY ASSEMBLY		
HOLES	$\pm .002$	MATERIAL	HEAT TREATMENT	FINISH
ANGULAR	$\pm 1/2^\circ$	DWN. R.G.H	DATE 9-27-77	APP'D. SCALE 2:1
		D-8000		



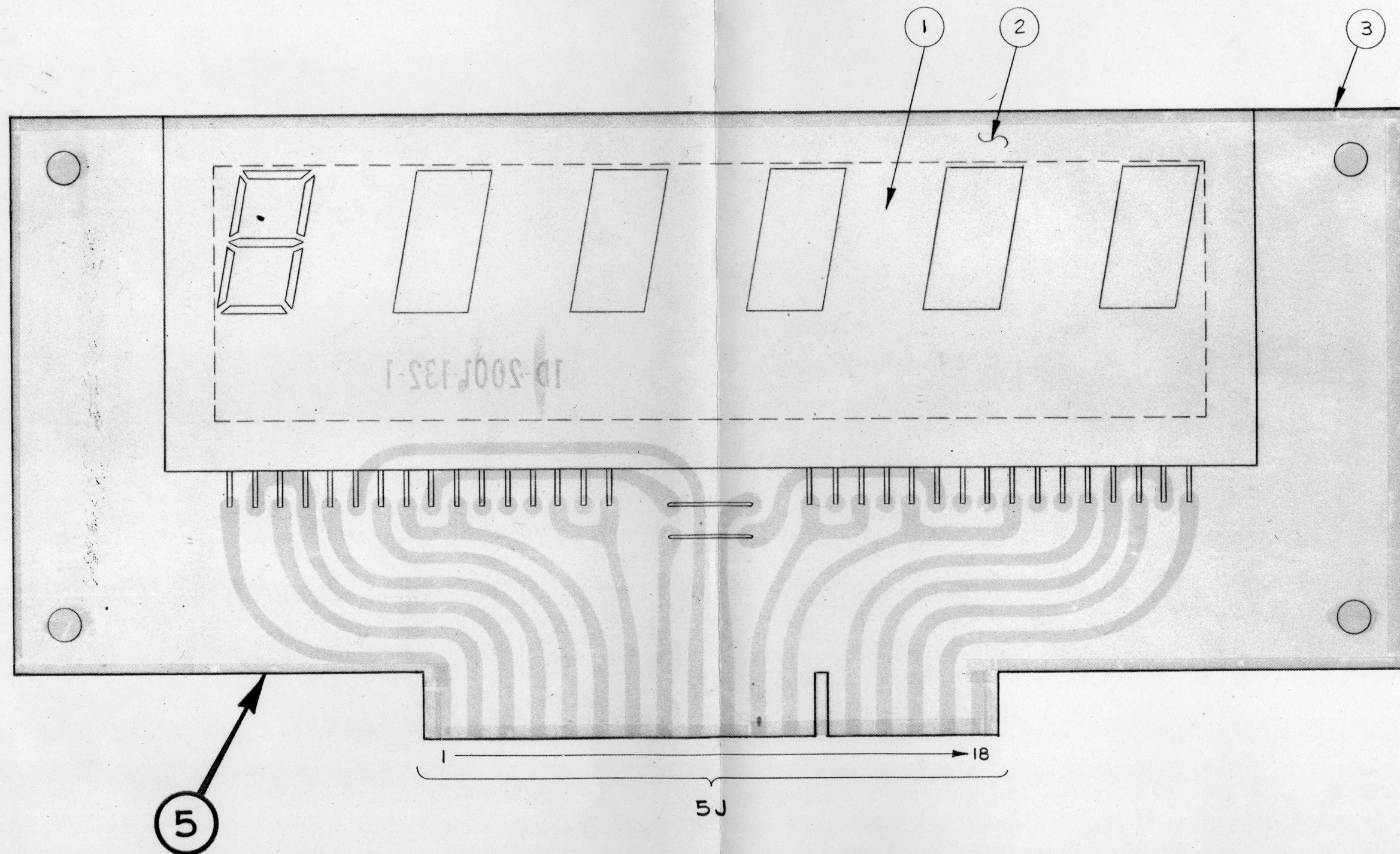
TOLERANCES		WILLIAMS ELECTRONIC MFG. CORP.		
UNLESS OTHERWISE SPECIFIED:		SUBURDIT OF THE BRENNER CORP.		
FRACTIONS	± 1/64	3401 N. CALIFORNIA	CHICAGO 18, ILL.	CORNELIA 7-2840
DECIMALS	± .002	NAME SCHEMATIC, MASTER DISPLAY BD.		
HOLES	± .002	MATERIAL	HEAT TREATMENT	FINISH
ANGULAR	± 1/2°			
DWN:	R.47	DATE	APP'D.	SCALE
		9-26-77		D-8000

C-8019

DOCUMENT #1

BILL OF MATERIAL

ITEM	PART NO.	PART DESIGNATION	DESCRIPTION	REQ'D.
1	5A-8966	I1	6 DIGIT DISPLAY	1
2	23A-6534	F1	DISPLAY MTG. ADHESIVE FOAM	1
3	ID-2001-132		SLAVE DISPLAY P.C. BOARD	1



SLAVE DISPLAY BOARD

