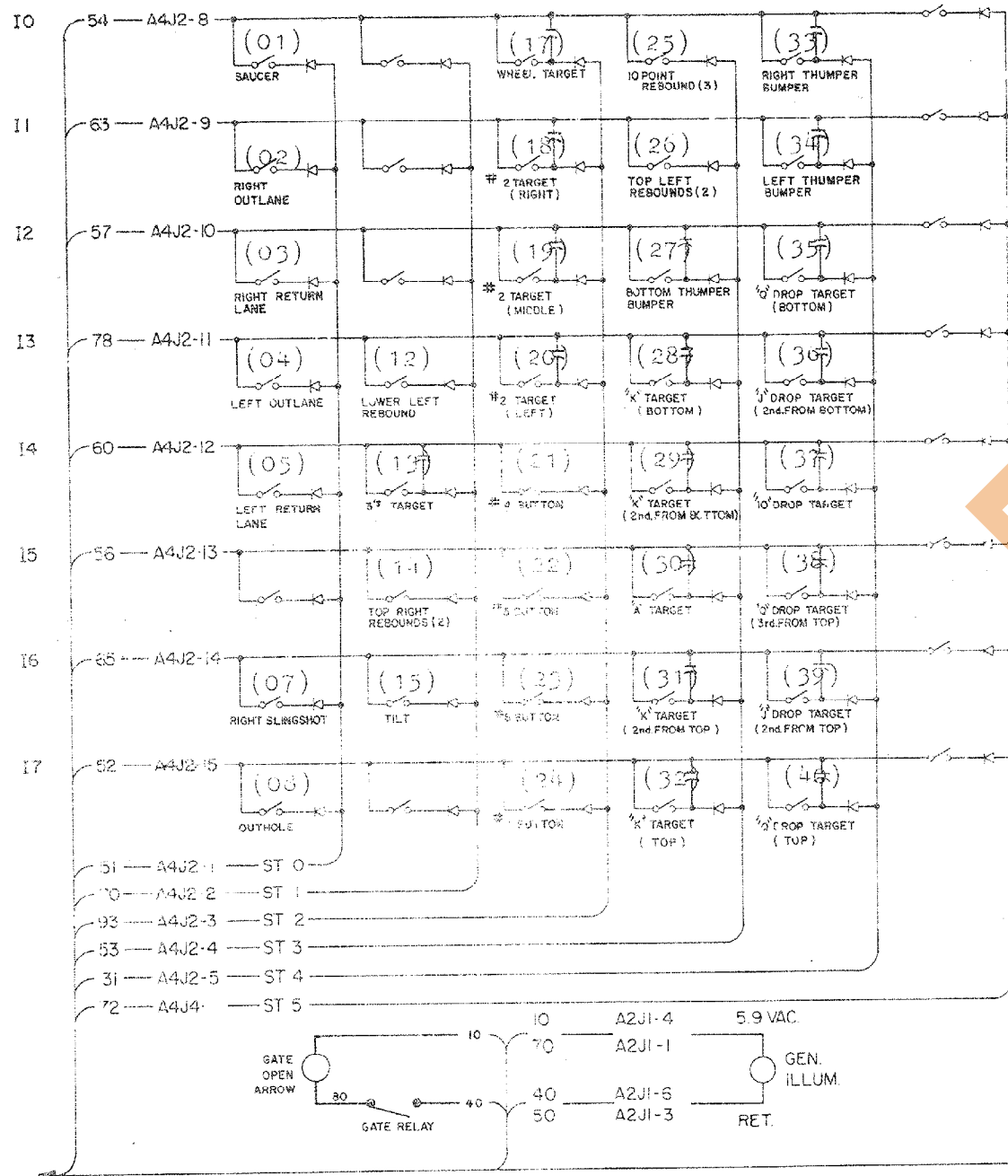


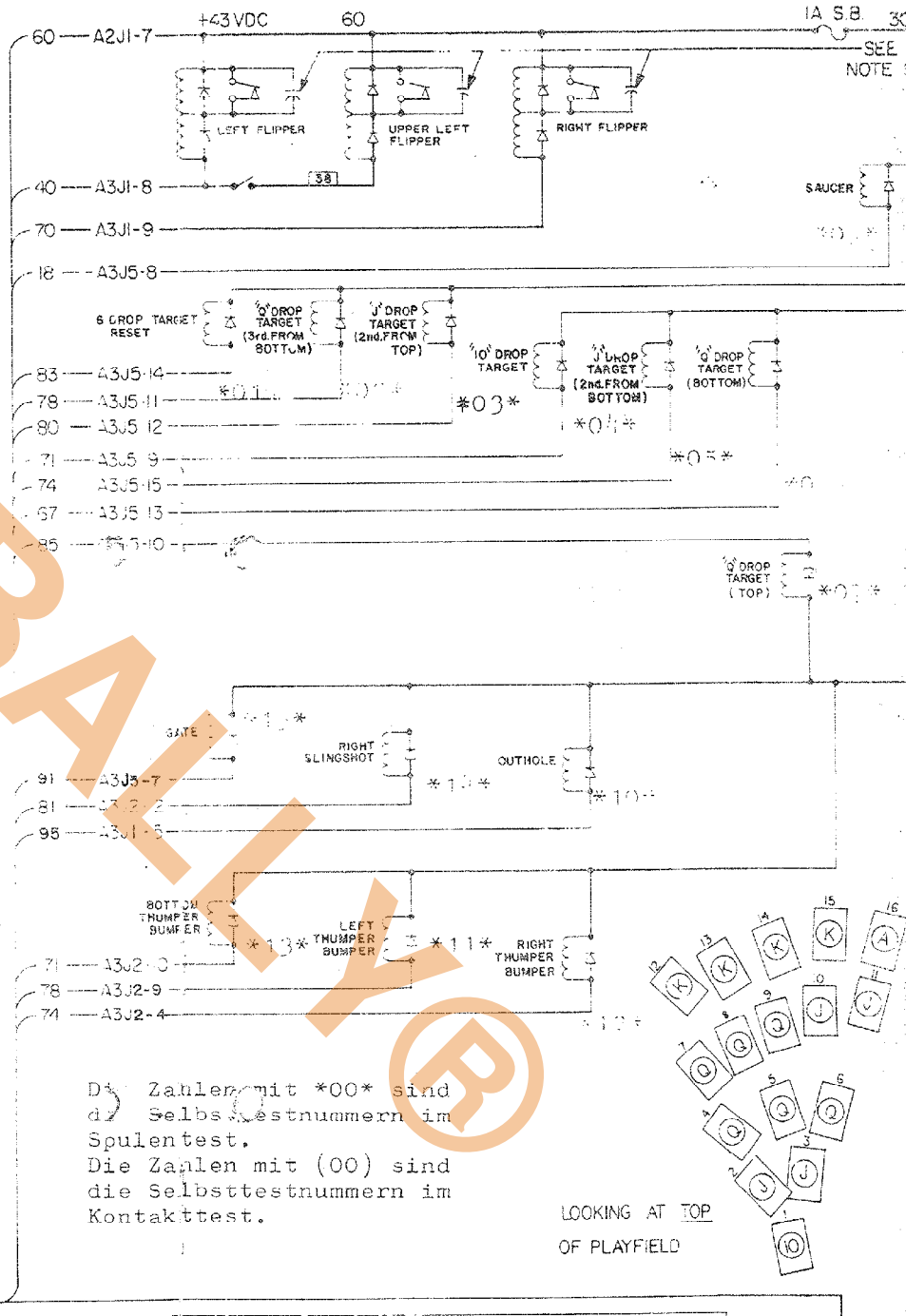


PLAYFIELD A6

NOTES

1. INDICATES NOT USED
2. N/U = NOT USED ON PLAYFIELD
3. * INDICATES AID TEST POINT
4. COIL DIODES ARE IN4004 (E-587-6) SWITCH DIODES ARE IN4148 (E-587-14)
ALL CAPACITORS ARE .05 MFD (E-586-80)
5. GERMANY ONLY - CAPACITOR .01 MFD. @ 500 V. (E-586-65)

- 54 - A5J2-20 - * NO 3
- 82 - A5J2-19 - * NO 7
- 25 - A5J2-18 - * NO 11
- 96 - A5J2-17 - * NO 4
- 27 - A5J2-12 - * NO 8
- 15 - A5J2-11 - * NO 12
- 95 - A5J2-7 - * NO 9
- 45 - A5J2-6 - * NO 5
- 68 - A5J2-5 - * NO 1
- 62 - A5J2-3 - * NO 2
- 40 - A5J2-2 - * NO 6
- 43 - A5J2-1 - * NO 10



Die Zahlen mit *00* sind
die Selbsttestnummern im
Spulentest.
Die Zahlen mit (00) sind
die Selbsttestnummern im
Kontakttest.

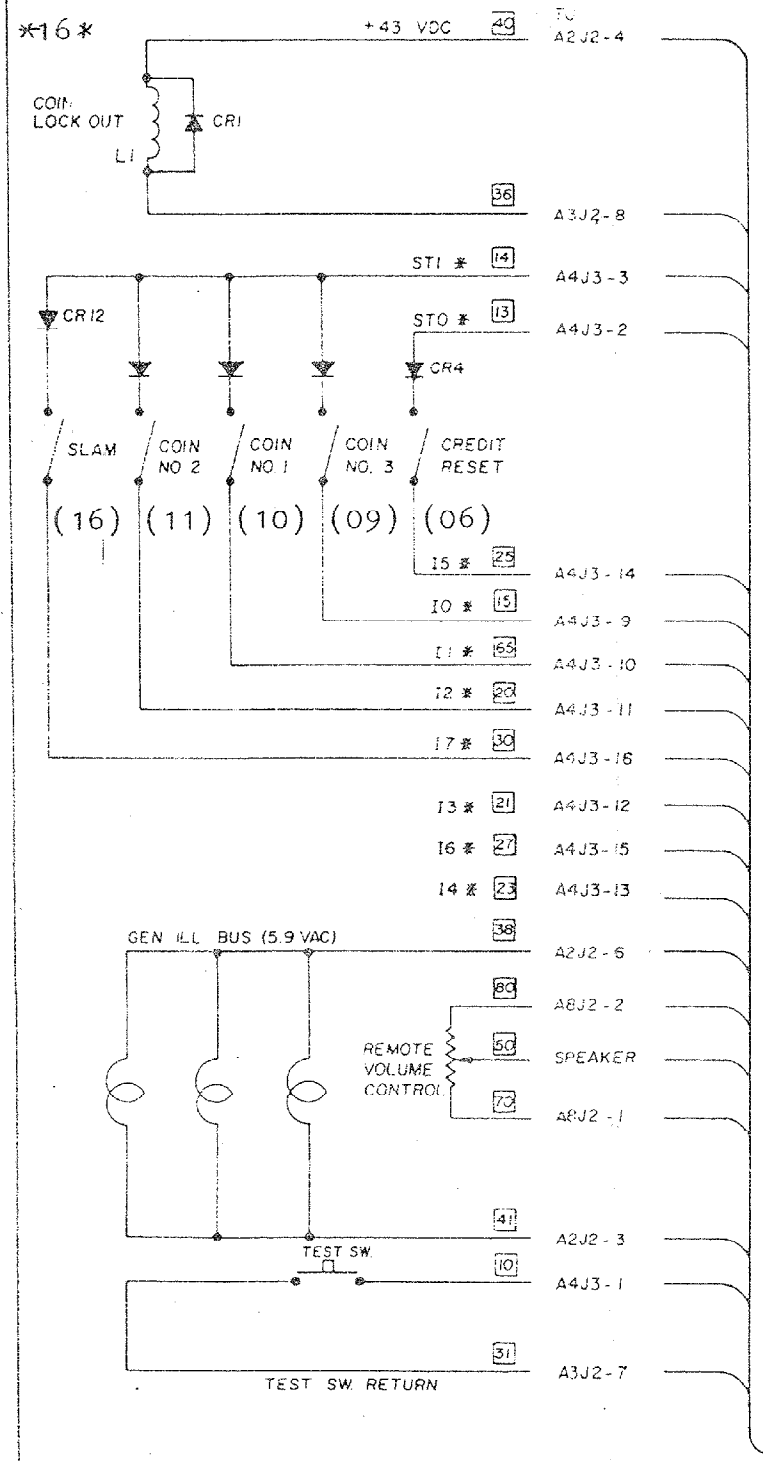
LOOKING AT TOP
OF PLAYFIELD

- 56 - A5J1-18 #4 BUTTON
- 60 - A5J1-19 20,000 #3 TARGET
- 57 - A5J1-17 WHEEL TARGET ARROW
- 12 - A5J1-23 10' DROP TARGET
- 67 - A5J1-14 10' DROP TARGET (BOT.)
- 31 - A5J1-15 10' K TARGET (2nd FROM BOT.)
- 15 - A5J1-16 40,000 SAUCER
- 78 - A5J1-28 80 HEARTS
- 50 - A5J1-24 L & R RET. LANE ARROW
- 75 - A5J1-25 WHEEL 50,000
- 91 - A5J1-26 SHOOT AGAIN
- 53 - A5J1-27 2 X BONUS
- 41 - A5J1-1 #5 BUTTON
- 43 - A5J1-9 40,000 #3 TARGET
- 51 - A5J1-8 2 TARGET (RIGHT)
- 45 - A5J1-3 10' DROP TARGET (3rd FROM TOP)
- 52 - A5J1-2 10' DROP TARGET (2nd FROM BOT.)
- 32 - A5J1-10 10' K TARGET
- 34 - A5J1-7 80,000 SAUCER
- 94 - A5J1-6 160 CLUBS
- 48 - A5J1-5 START WHEEL
- 65 - A5J1-11 WHEEL SPOTS CARD
- 35 - A5J1-4 N/U
- 61 - A5J1-12 3 X BONUS
- 30 - A5J1-13 240 DIAMONDS
- 43 - A5J3-26 #5 BUTTON
- 36 - A5J3-25 60,000 #3 TARGET
- 67 - A5J3-19 2 TARGET (MIDDLE)
- 13 - A5J3-17 10' DROP TARGET (2nd FROM TOP)
- 25 - A5J3-16 DROP TARGET ARROW SPECIAL
- 98 - A5J3-23 10' K TARGET (2nd FROM TOP)
- 40 - A5J3-27 SPECIAL SAUCER
- 64 - A5J3-21 WHEEL 10,000
- 78 - A5J3-20 WHEEL 25,000
- 23 - A5J3-22 2 TARGETS ADVANCE MULT
- 72 - A5J3-24 4 X BONUS
- 10 - A5J3-1 #7 BUTTON
- 21 - A5J3-12 80,000 #3 TARGET
- 53 - A5J3-15 2 TARGET (LEFT)
- 92 - A5J3-11 10' DROP TARGET (TOP)
- 15 - A5J3-9 10' K TARGET (BOTTOM)
- 35 - A5J3-13 CREDIT INDICATOR
- 14 - A5J3-4 SPECIAL 4-7 BUTTON
- 95 - A5J3-2 320 SPADES
- 91 - A5J3-10 WHEEL OPEN GATE
- 56 - A5J3-18 WHEEL ALL DEUCES
- 81 - A5J3-3 10' K TARGET (TOP)
- 84 - A5J3-14 5 X BONUS
- 20 - A2J1-5

BONUS	FEATURE	UPPER	LOWER
1-84	1-20	1-20	1-20
2-72	2-20	2-20	2-20
3-61	3-20	3-20	3-20
4-53	4-20	4-20	4-20
5-45	5-20	5-20	5-20
6-37	6-20	6-20	6-20
7-29	7-20	7-20	7-20
8-21	8-20	8-20	8-20
9-13	9-20	9-20	9-20
10-5	10-20	10-20	10-20
11-94	11-20	11-20	11-20
12-86	12-20	12-20	12-20
13-78	13-20	13-20	13-20
14-70	14-20	14-20	14-20
15-62	15-20	15-20	15-20
16-54	16-20	16-20	16-20
17-46	17-20	17-20	17-20
18-38	18-20	18-20	18-20
19-30	19-20	19-20	19-20
20-22	20-20	20-20	20-20
21-14	21-20	21-20	21-20
22-6	22-20	22-20	22-20
23-96	23-20	23-20	23-20
24-88	24-20	24-20	24-20
25-80	25-20	25-20	25-20
26-72	26-20	26-20	26-20
27-64	27-20	27-20	27-20
28-56	28-20	28-20	28-20
29-48	29-20	29-20	29-20

Spielfeldverdrahtungsplan

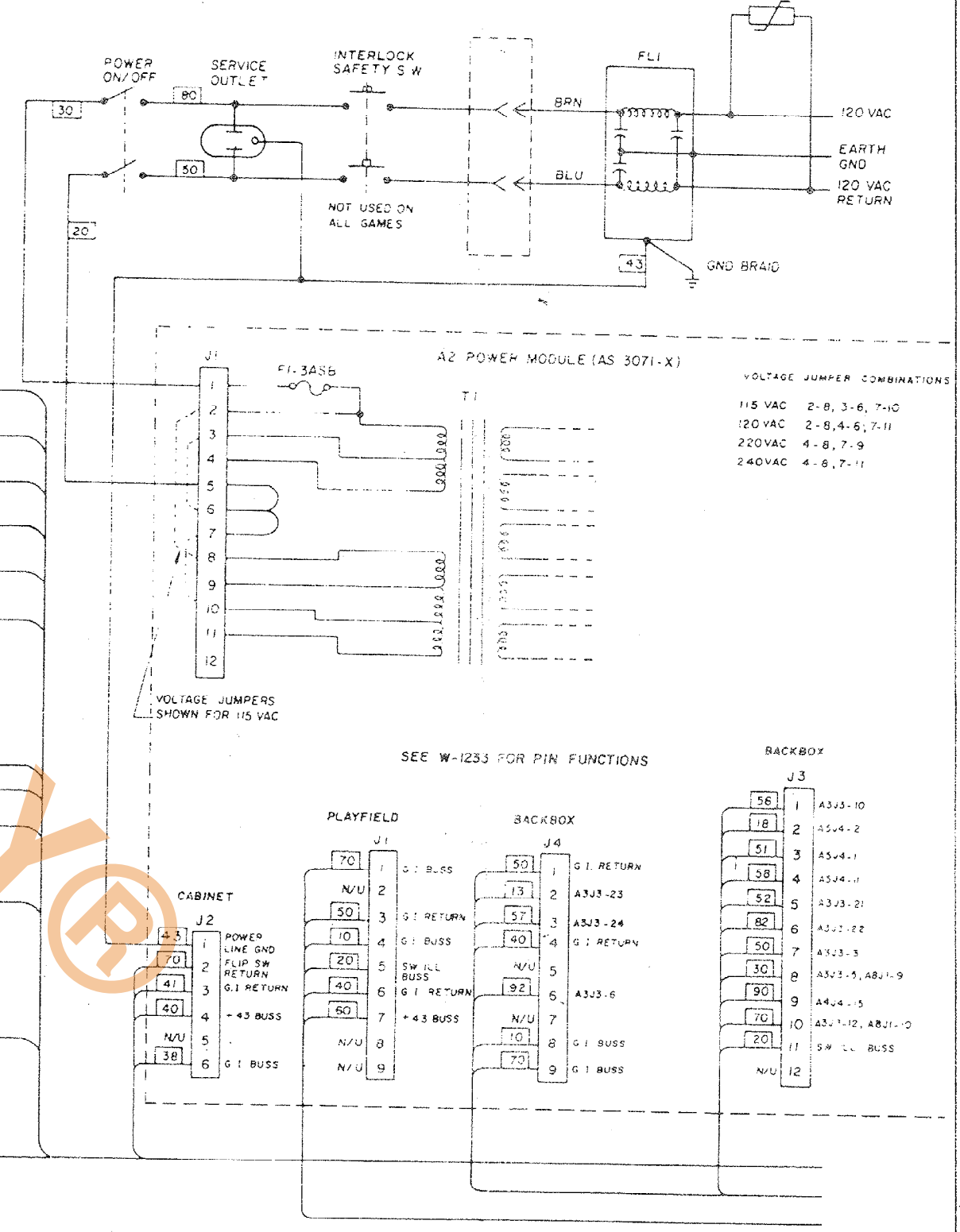
Kings of Steel



NOTES: (CAUTION)
1. USE BALLY PART NO. E-713 FOR 115-120 VAC.
2. USE BALLY PART NO. E-713-1 FOR 220-240 VAC.
3. * INDICATES AID TEST POINT.

TO	J1 PIN	TO	J1 PIN
A4J3-9	1	A4J3-3	11
A4J3-10	2	A2J2-4	15
A4J3-11	3	A3J2-8	16
A4J3-12	4	A2J2-6	17
A4J3-13	5	A2J2-3	18
A4J3-14	6	A4J3-1	19
A4J3-15	7	A3J2-7	20
A4J3-16	8	SPEAKER	9
A4J3-2	10	A8J2-1	12
DOOR PLUG		A8J2-2	13

A7 CABINET ASS'Y. WIRING
NOTE: DIODES ARE IN 400 (E-587-6)



Die Zahlen mit *00* sind
die Selbsttestnummern im
Spulentest.
Die Zahlen mit (oo) sind
die Selbsttestnummern im
Kontakttest.

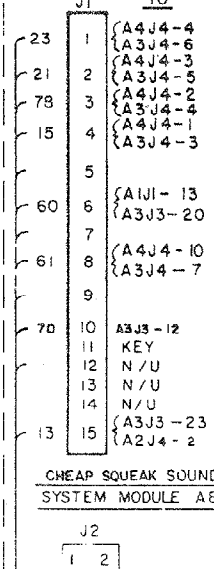
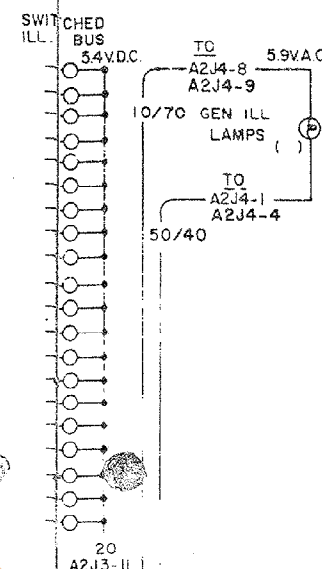
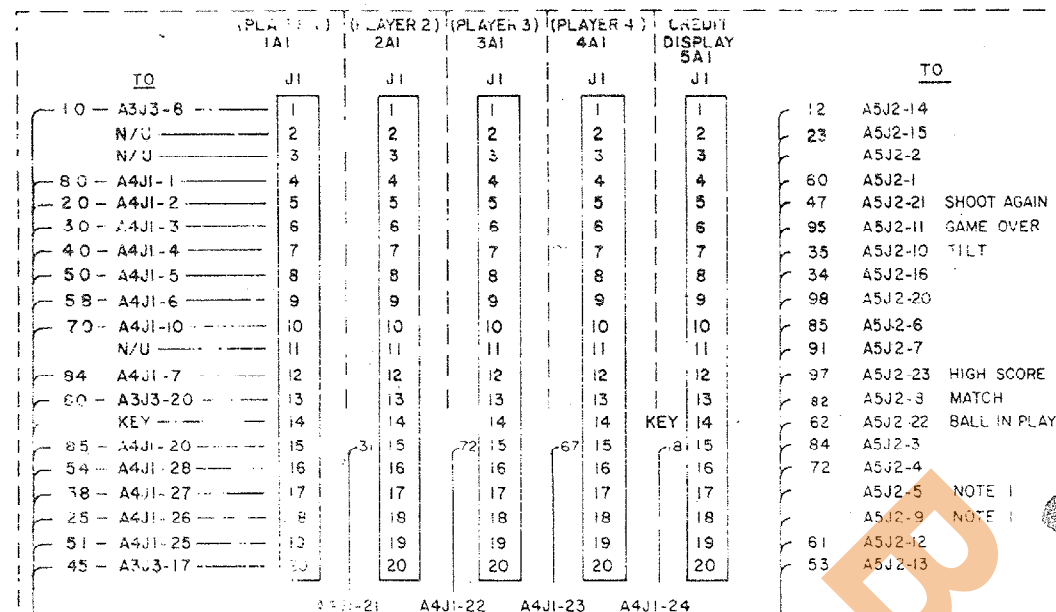
Verdrahtung im Gehäuse
Kings of Steel

TABLE A AIJ2

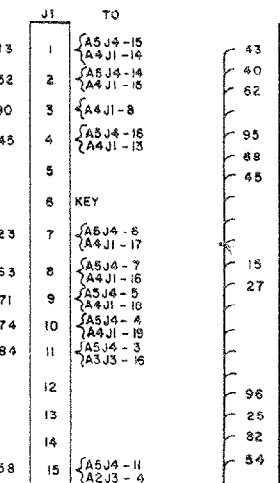
FROM	TO	WIRE
A2J4-8	1	10
A2J4-1	2	50
A5J2-14	3	12
A5J2-2	4	PINK
A5J2-15	5	23
A5J2-16	6	34
A5J2-10	7	35
A5J2-21	8	47
A5J2-1	9	60
A2J3-11	10	20
A5J2-22	11	82
A5J2-6	12	85
A5J2-7	13	21
A5J2-11	14	35
A5J2-23	15	2
A5J2-20	16	92
A5J2-8	17	82
18		
19		
20		
21		
22		
A2J4-7	23	40
A2J4-9	24	70

INSERT TO BACK CAB PLUG

AI INSERT



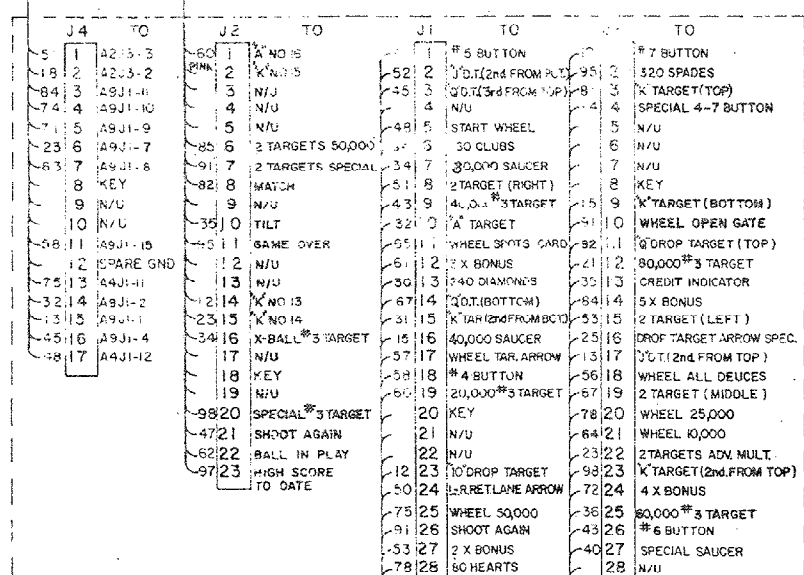
AUXILIARY LAMP DRIVER A9



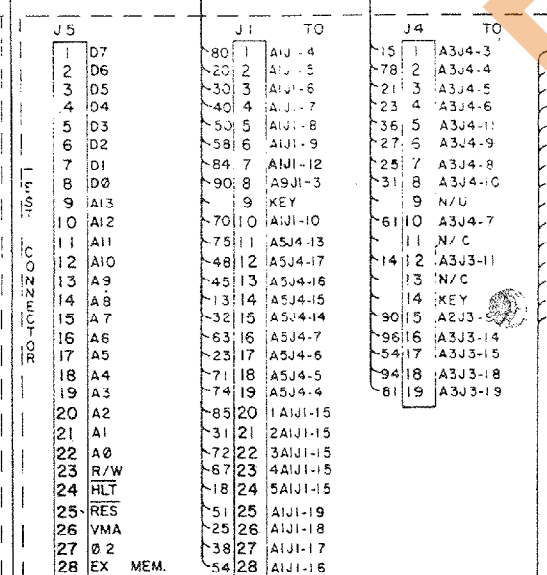
FROM	PIN	WIRE
A5J2-14	1	12
A5J2-2	2	PINK
A5J2-15	3	23
A5J2-16	4	34
A5J2-1	5	60
A5J2-6	6	85
A5J2-7	7	91
A5J2-20	8	98
9		

PANEL TO BACKBOX

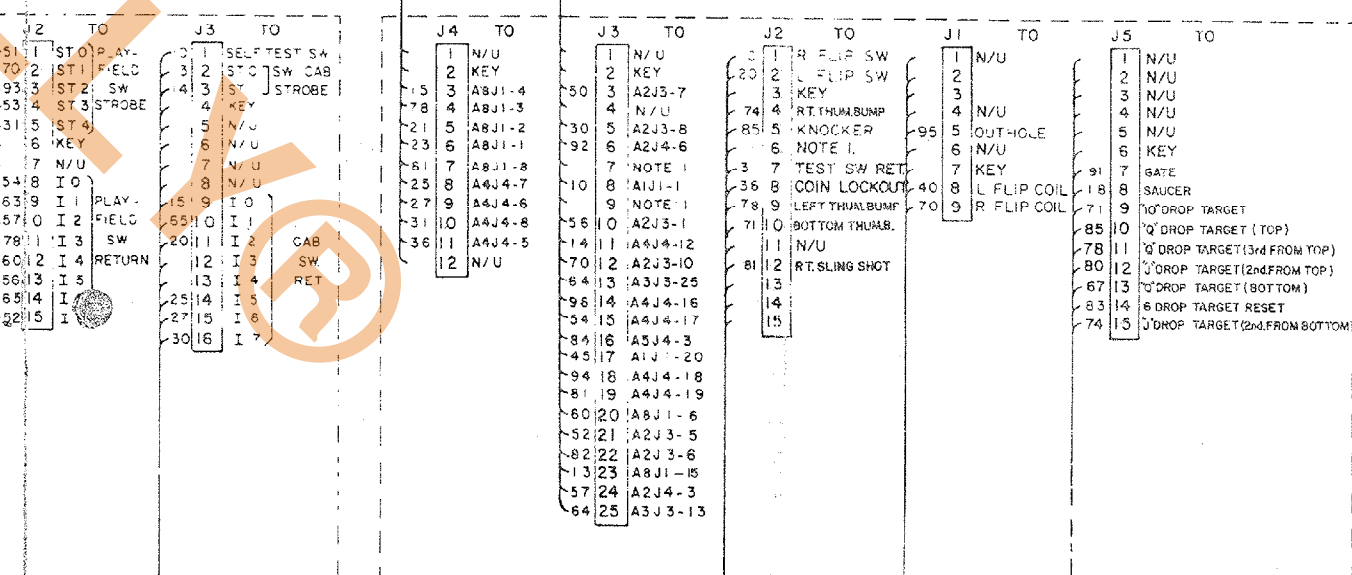
LAMP DRIVER A5



MPU A4



VOLTAGE REGULATOR / SOLENOID DRIVER A3



TO LOWER CABINET

TO PLAYFIELD

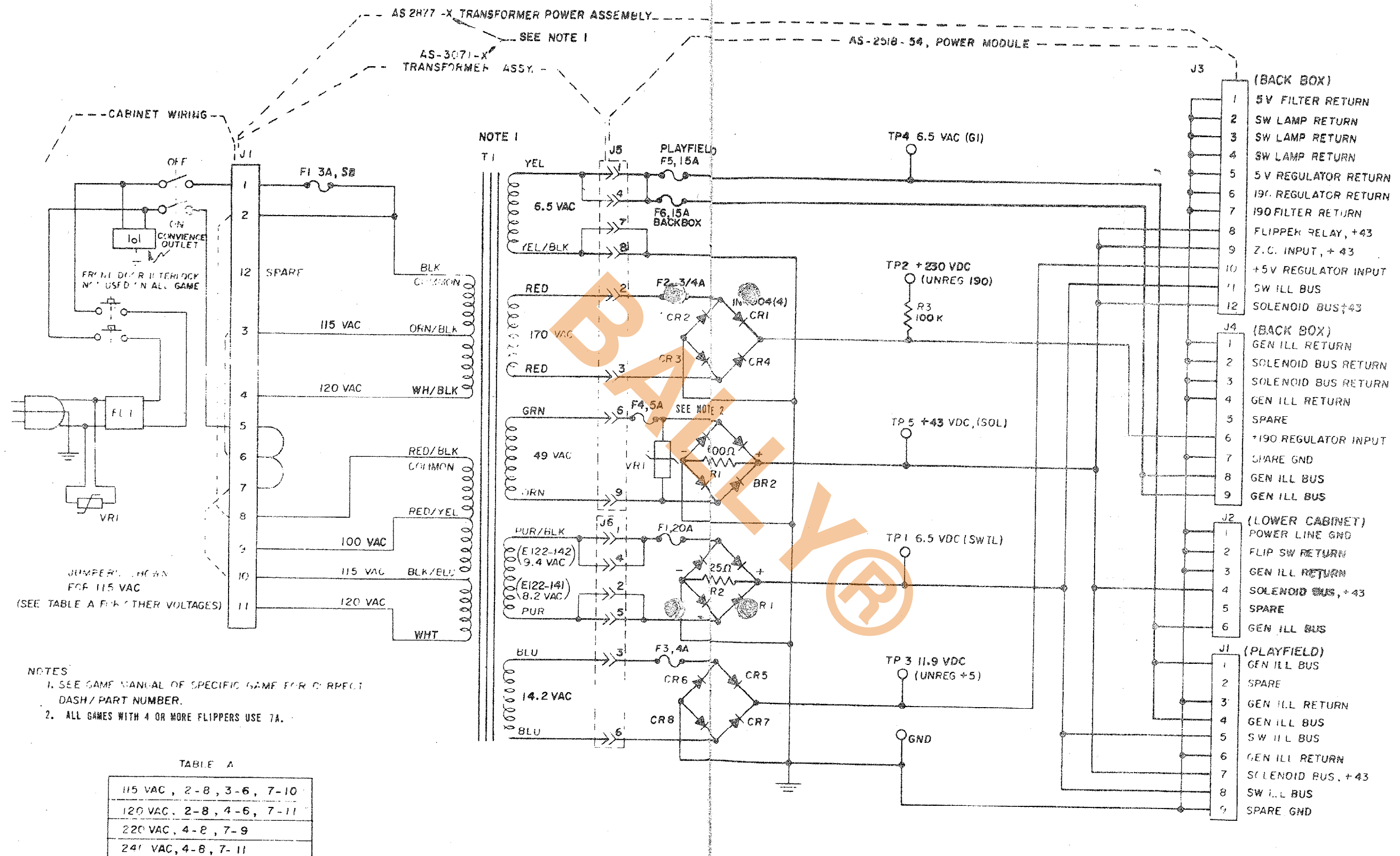
NOTES:

1. THESE PINS ARE RESERVED FOR FUTURE USE.
2. WIRE COLOR ARE SHOWN FOR ALL CONNECTOR PINS. SOME WIRE MAY NOT BE USED IN ALL GAMES.
3. * INDICATES AID TEST POINT.

WIRE COLOR CODE	
1-RED	6-BROWN
2-BLUE	7-ORANGE
3-YELLOW	8-BLACK
4-GREEN	9-GRAY
5-WHITE	0-NO TRACE

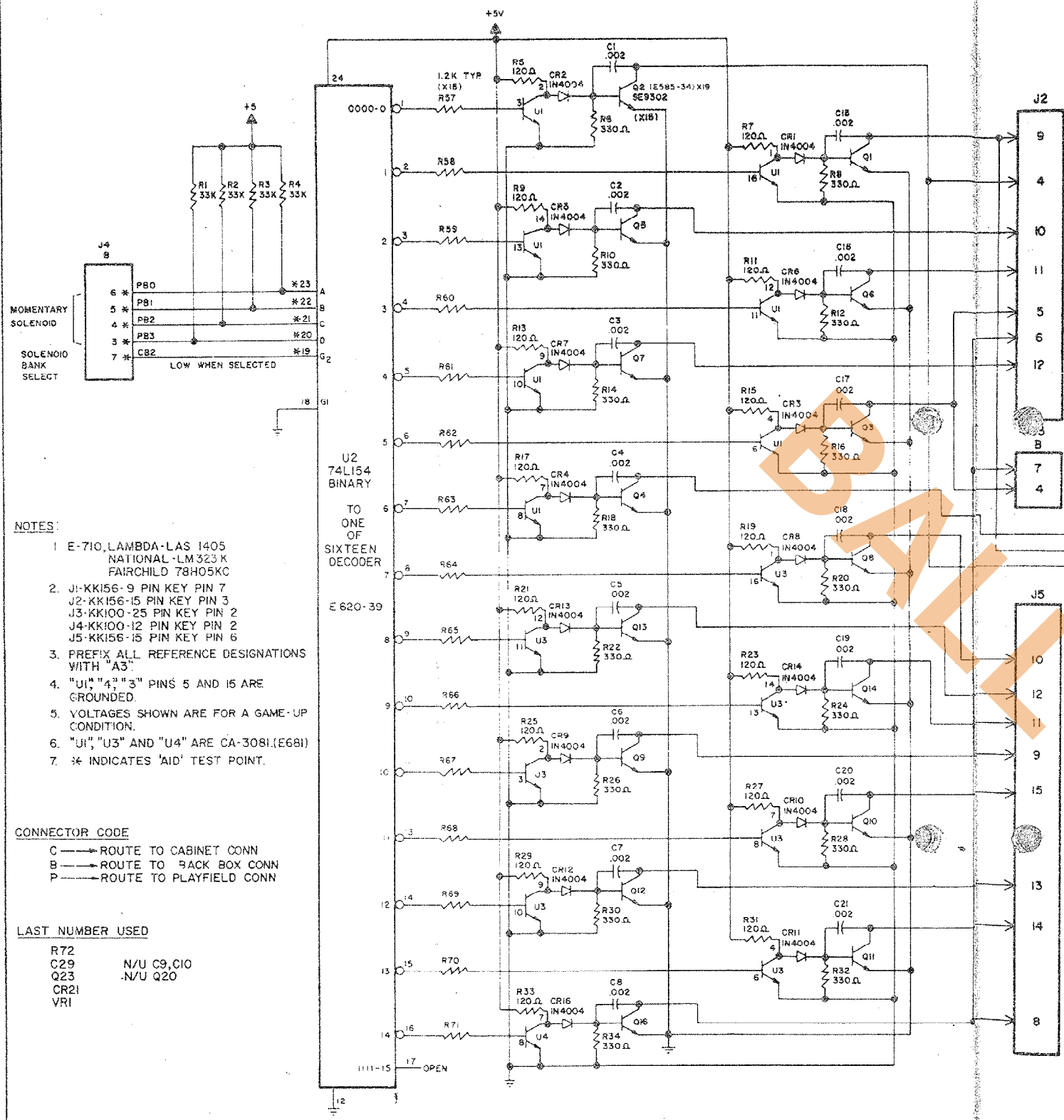
Gesamtverdrahtungsplan

Kings of Steel

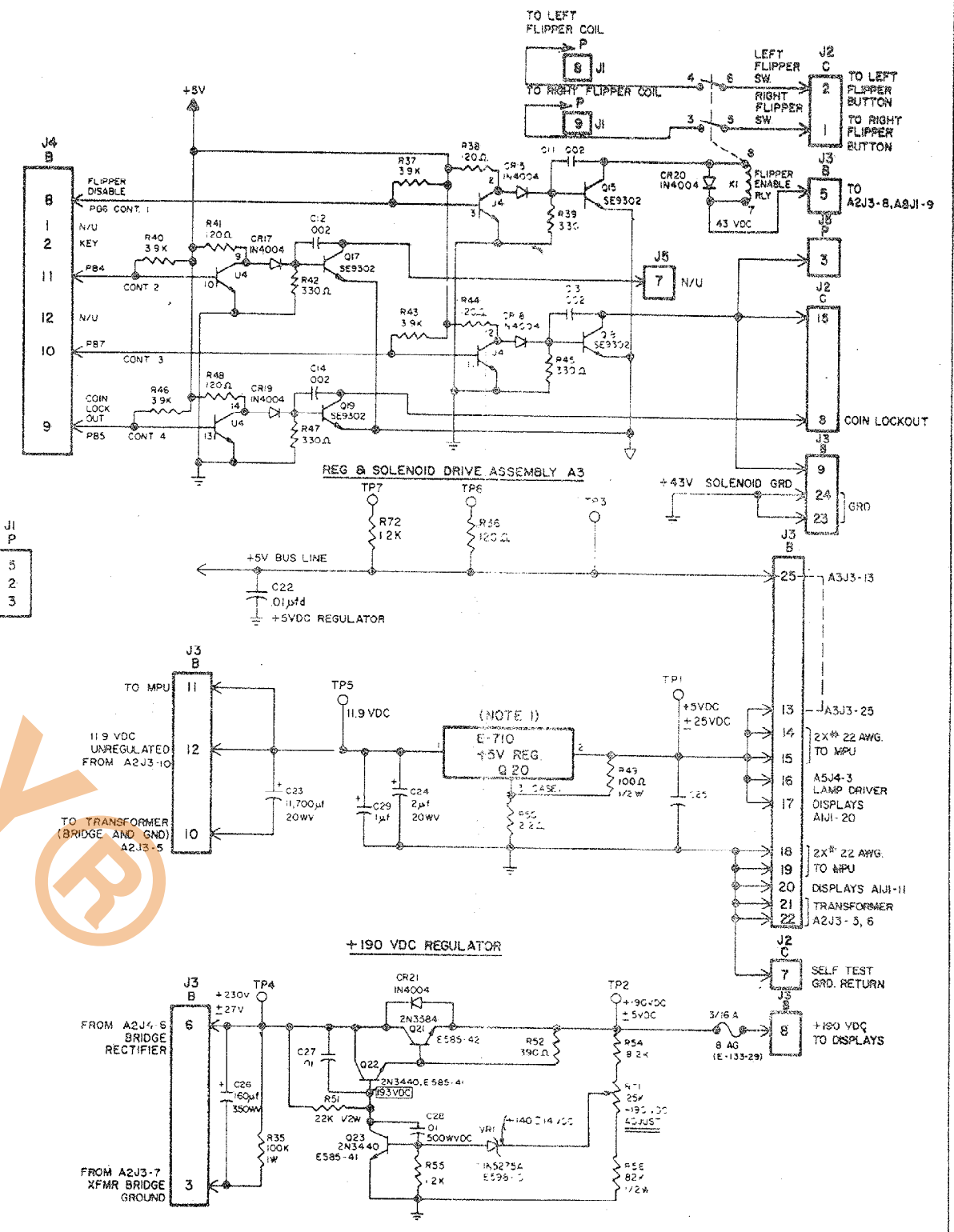


Power Supply A 2

Kings of Steel

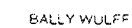


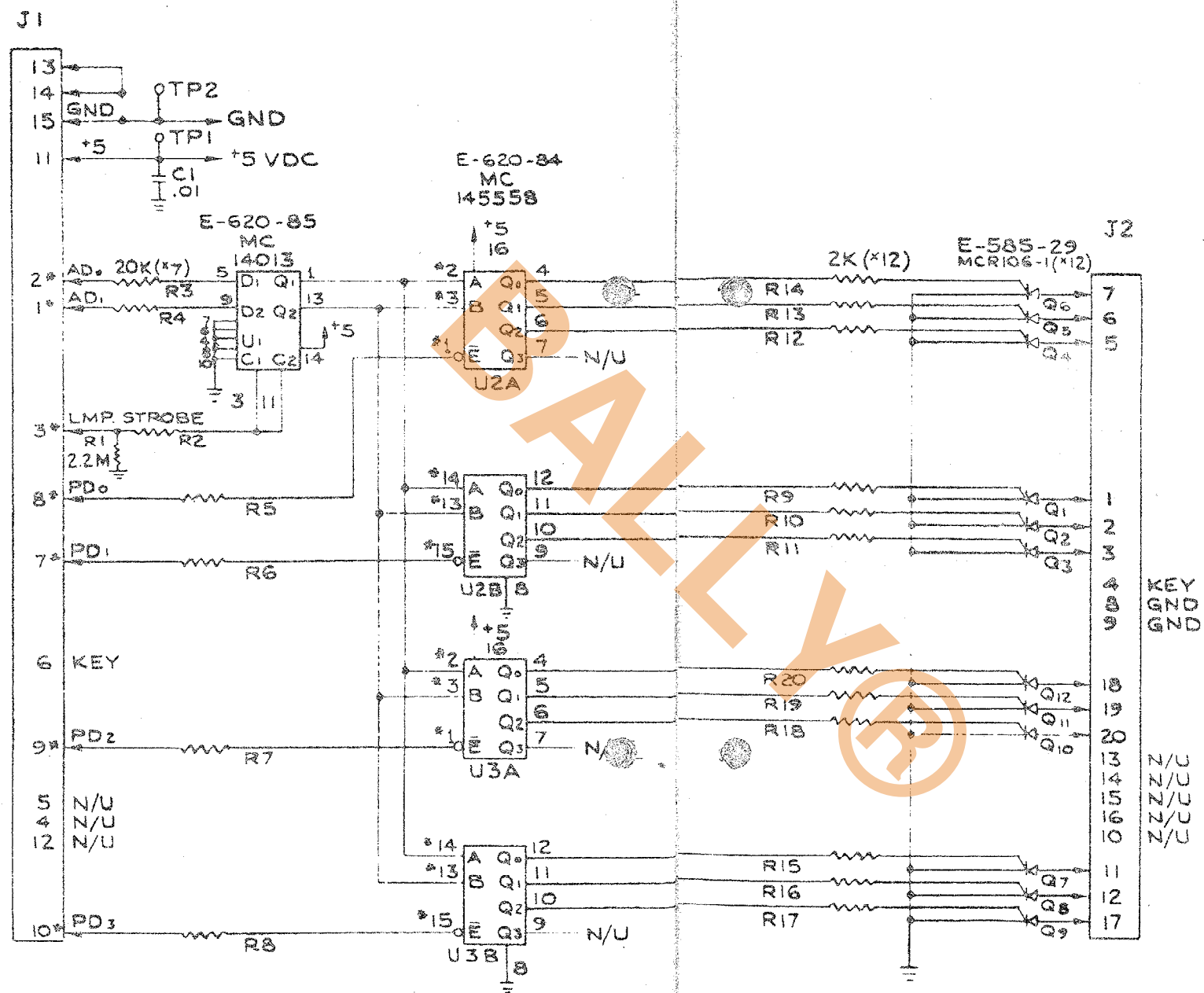
- NOTES:
- 1 E-710, LAMBDA-LAS 1405 NATIONAL-LM323K FAIRCHILD 78H05KC
 - 2 J1-KK156-9 PIN KEY PIN 7
 - 3 J2-KK156-15 PIN KEY PIN 3
 - 4 J3-KK100-25 PIN KEY PIN 2
 - 5 J4-KK100-12 PIN KEY PIN 2
 - 6 J5-KK156-15 PIN KEY PIN 6
 7. * INDICATES 'AID' TEST POINT.
- CONNECTOR CODE
- C → ROUTE TO CABINET CONN
B → ROUTE TO BACK BOX CONN
P → ROUTE TO PLAYFIELD CONN
- LAST NUMBER USED
- R72 N/U C9,C10
C29 N/U Q20
Q23 N/U Q20
CR21
VRI



Solenoid Driver Voltage Regulator Schematic A 3

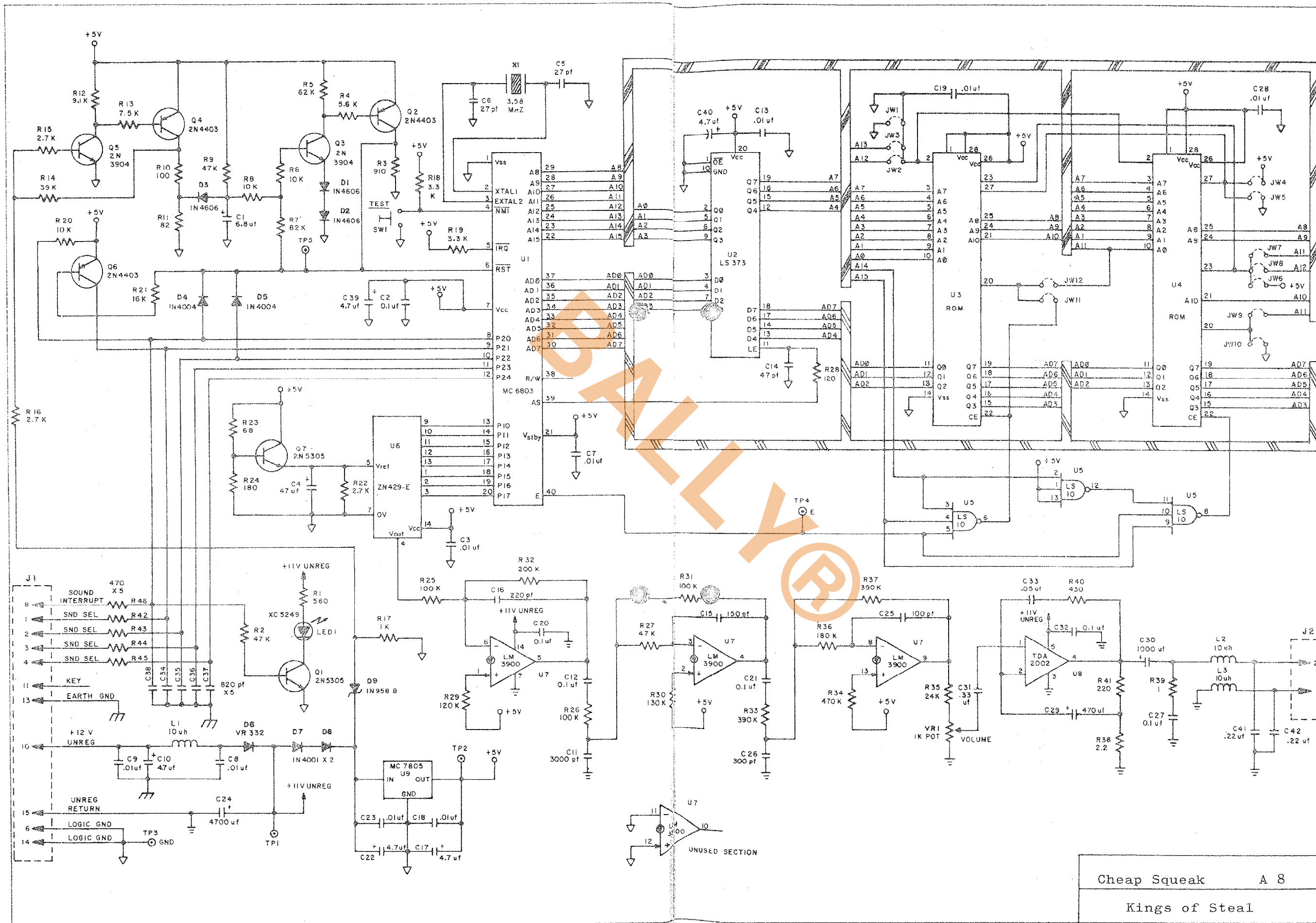
Kings of Steel



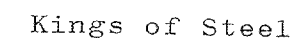


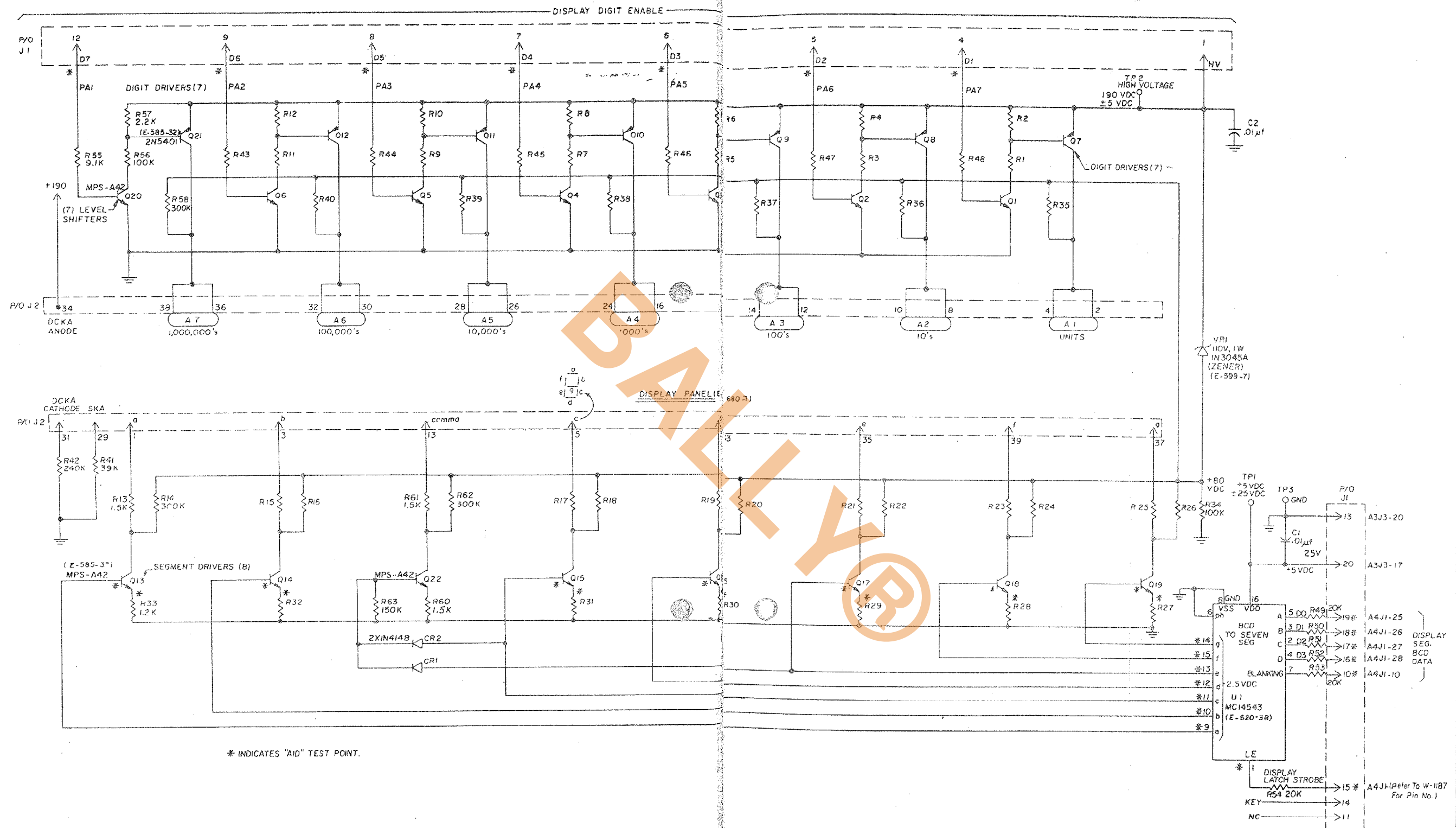
Auxiliary Lamp Driver A 9

Kings of Steel



Cheap Squeak A 8
Kings of Steel





7- stelliges Display A 1

Kings of Steel