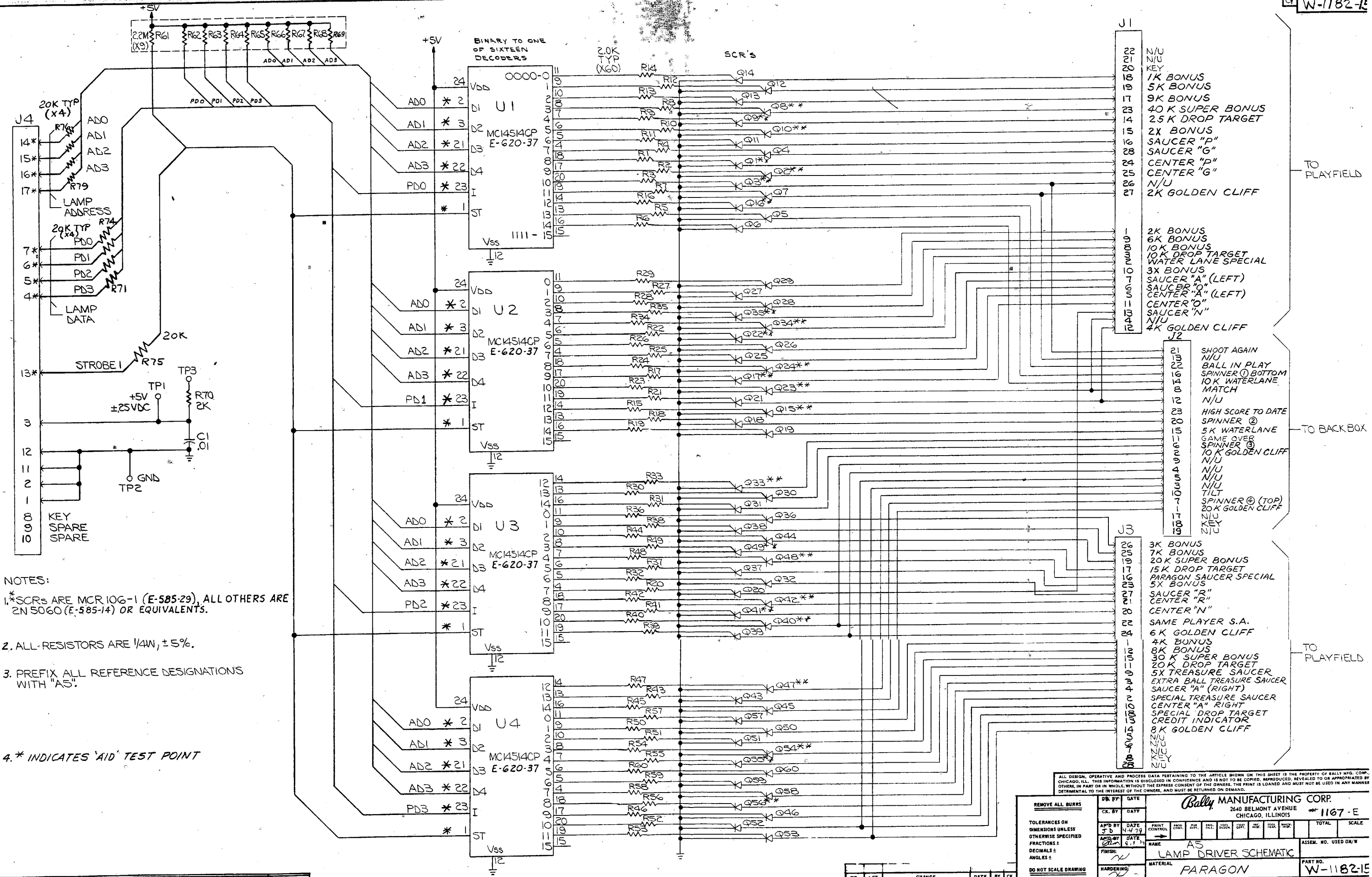




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REMOVE ALL BURRS

DR. BY _____ DATE _____

CK. BY _____ DATE _____

Bally MANUFACTURING CORP.

2640 BELMONT AVENUE
CHICAGO, ILLINOIS

1167 - E

TOLERANCES ON
DIMENSIONS UNLESS
OTHERWISE SPECIFIED
FRACTIONS: 1/8, 1/16, 1/32

AP'D BY JD DATE 4-17-79

ASSEMBLY DATE 4-17-79

PRINT
CONTROL

PROD. CONT.

DIM. CTR.

ENG. TOL.

QUAL. DESIG.

CUST. CTR.

MFG. MFG.

TOL. TOL.

MACH. DES.

TOTAL
SCALE

DECIMALS:
ANGLES: 2

NAME AS

ASSEM. NO. USED ON W

FINISH: 2

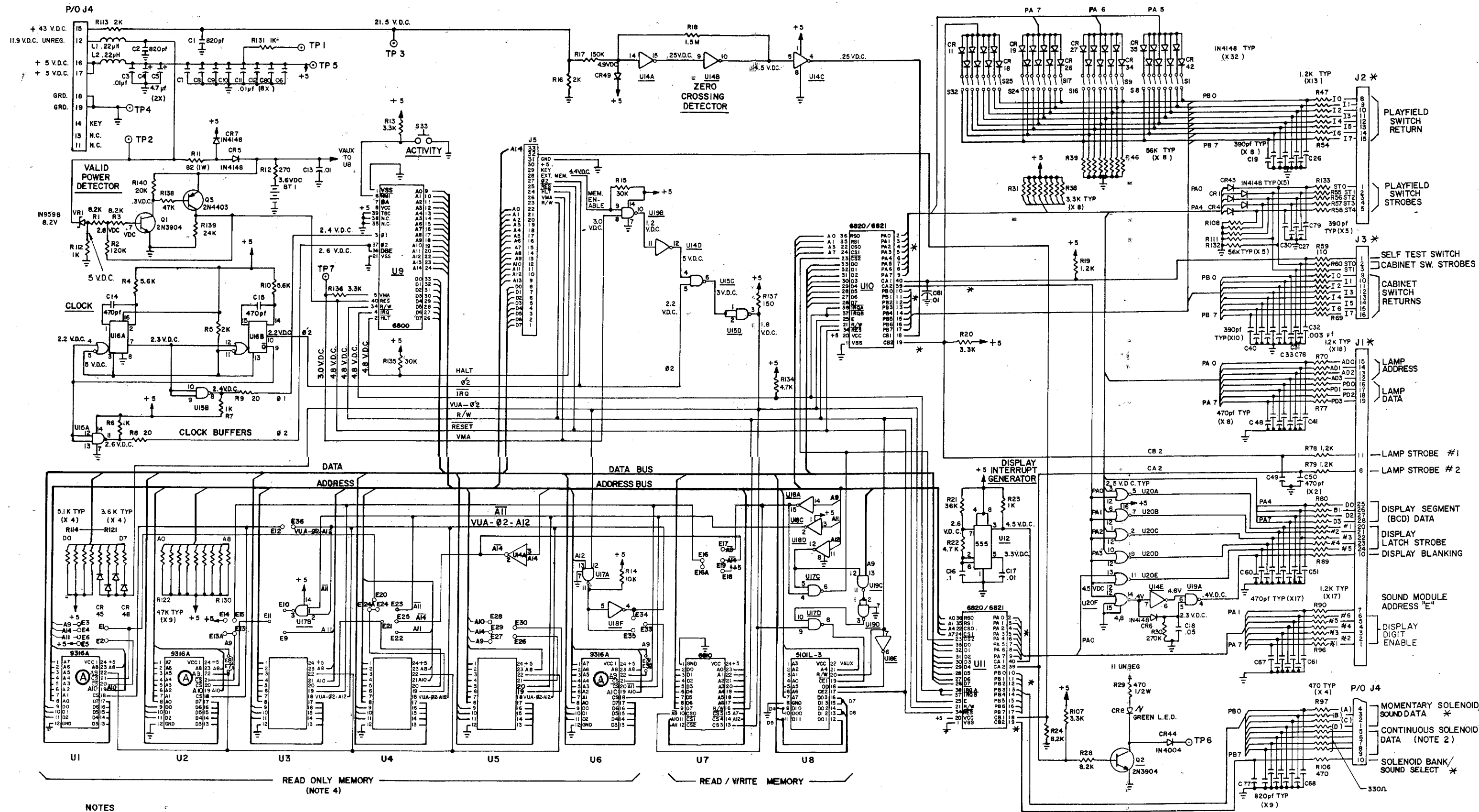
LAMP DRIVER SCHEMATIC

DO NOT SCALE DRAWING

HARDENING: 2

MATERIAL PARAGON

PART NO. W-1182-15



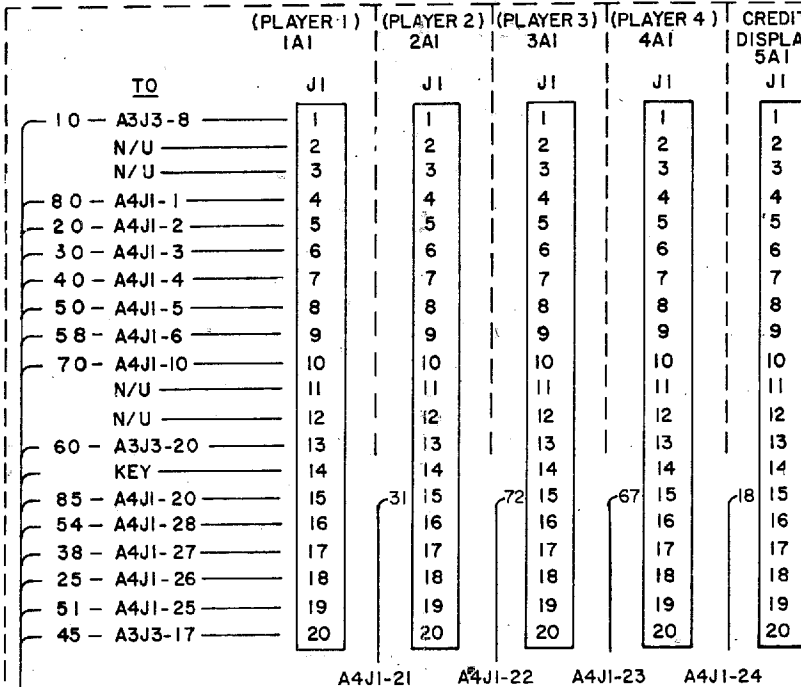
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REMOVE ALL BURRS TOLERANCES UNLESS OTHERWISE SPECIFIED FRACTIONS - 1/64 DECIMALS - .005 ANGLES - °	
DO NOT SCALE DRAWING	
DR. BY: EV CR. BY: EV DATE: 5-11-78 DATE: 5-15-78 CHECKED: J1 DATE: 5-15-78 FINISH: 100% HARDENING:	
Bally MANUFACTURING CORP. 2640 BELMONT AVENUE CHICAGO, ILLINOIS 60618 1119-E	
NAME: M.P.U. CONTROL BOARD SCHEMATIC MATERIAL:	
ASSEMBLY NO. USED ON: W-1181-3c	

TABLE A AIJ2

FROM	PIN	WIRE
A2J3-6	1	20
A5J2-14	2	12
A2J3-2	3	50
A2J3-11	4	10
A5J2-23	5	97
A5J2-15	6	32
A5J2-22	7	62
A5J2-8	8	93
A5J2-1	9	60
A5J2-2	10	20
A5J2-11	11	95
A5J2-21	12	47
A5J2-10	13	98
A5J2-6	14	91
A5J2-20	15	85
A5J2-16	16	35
A5J2-17	17	34
A2J3-1	18	40
A2J3-10	19	70
A5J2-13	20	53
A5J2-12	21	61
A5J2-4	22	72
A5J2-3	23	84
	24	

INSERT TO BACK CAB.
PLUG

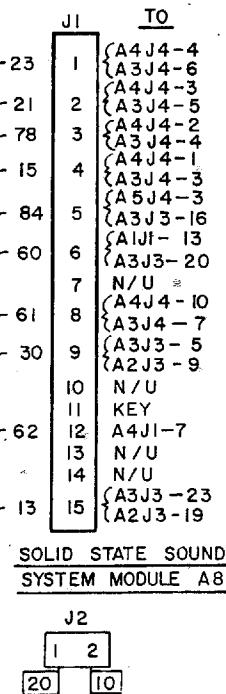
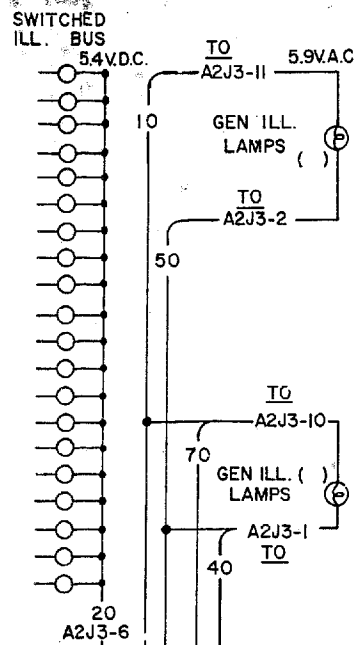
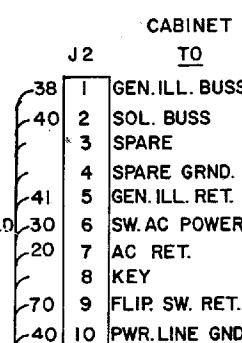
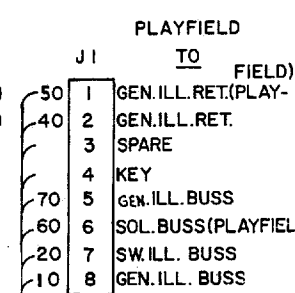
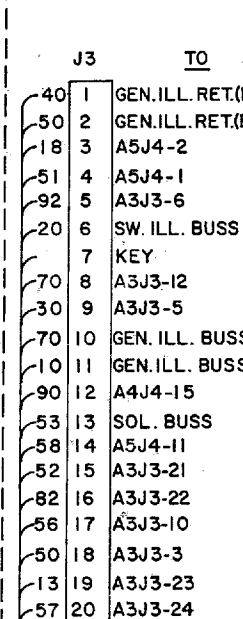
AI INSERT

AIJ2
SEE
TABLE ASEE
TABLE
B

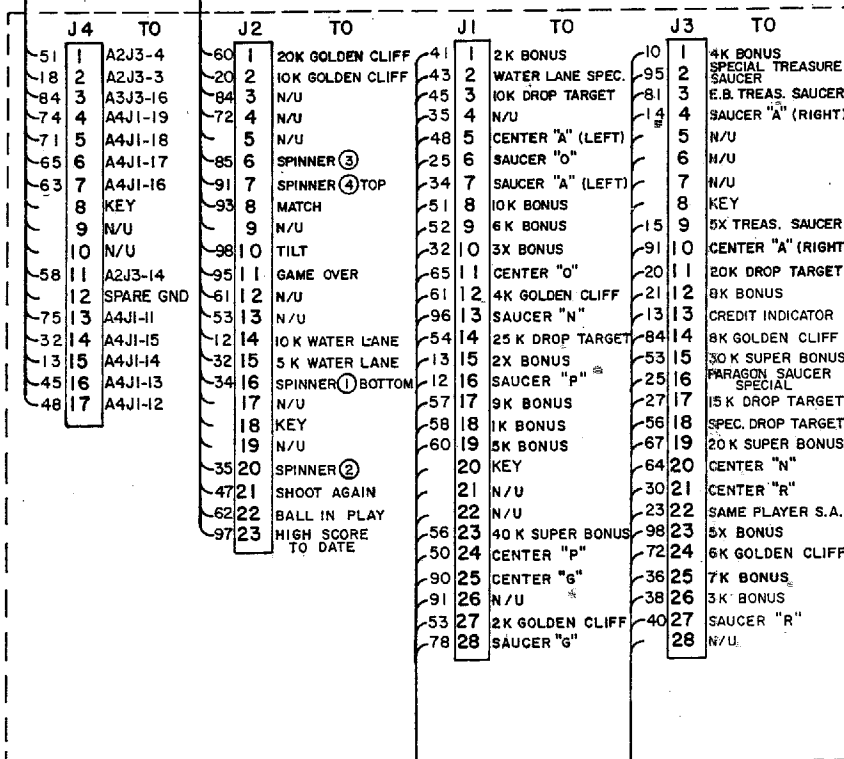
TO PLAY FIELD (W-1192-11)

A2 TRANSFORMER

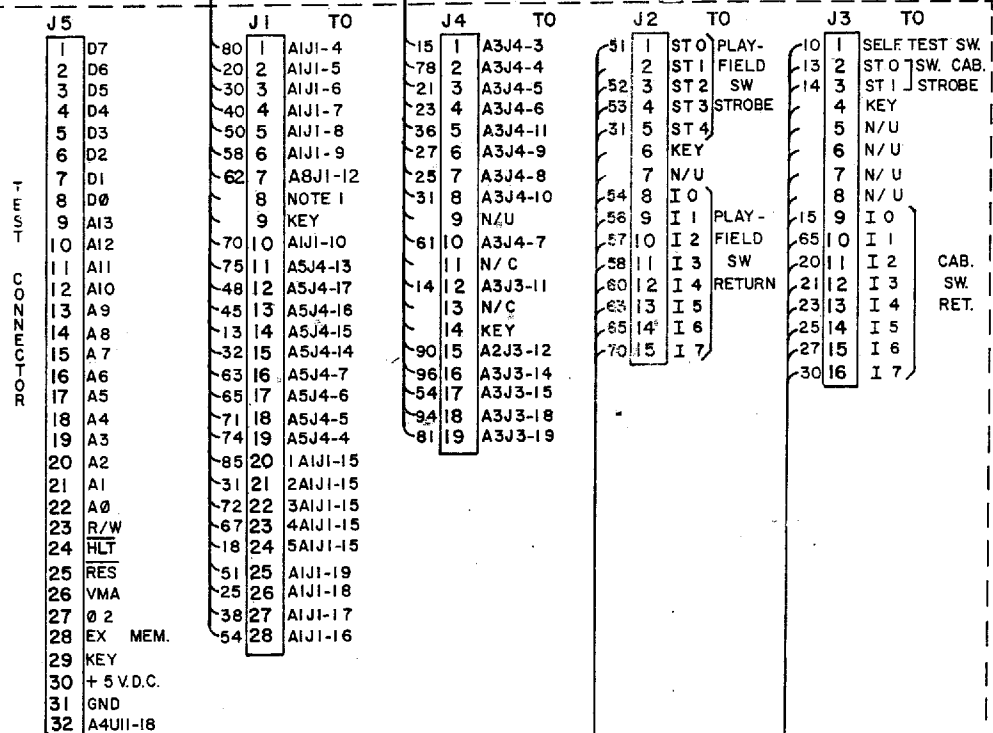
W-1187-11

SOLID STATE SOUND
SYSTEM MODULE A8

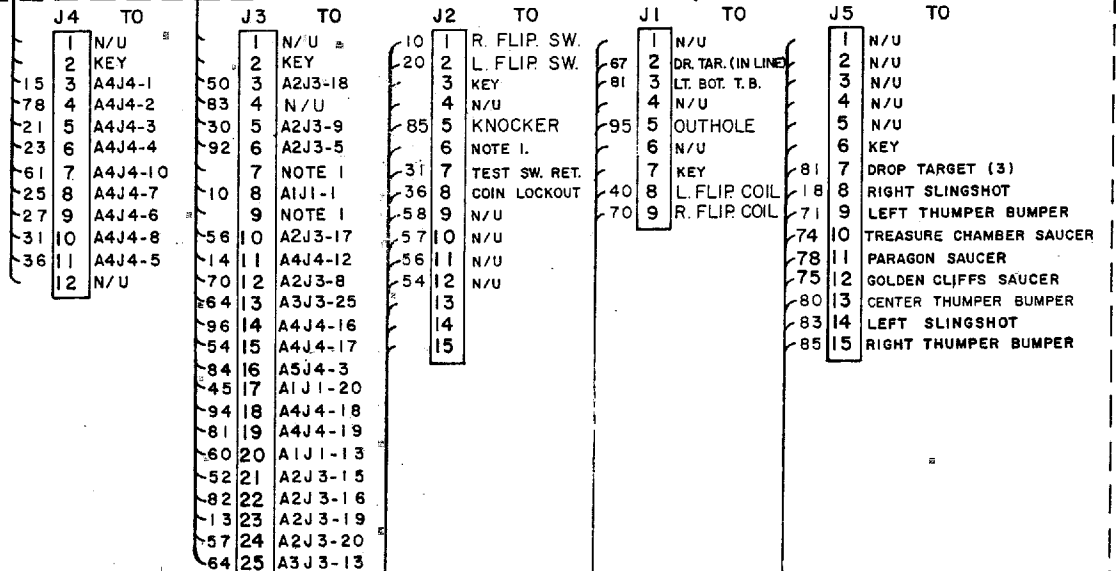
LAMP DRIVER A5

TEST
C
O
N
N
E
C
T
O
R

MPU A4



VOLTAGE REGULATOR / SOLENOID DRIVER A3



TO CABINET

TO PLAYFIELD

NOTES

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

FROM	TO	WIRE
A5J2-14	1	12
A5J2-2	2	20
A5J2-15	3	32
A5J2-16	4	34
A5J2-20	5	35
A5J2-1	6	60
A5J2-6	7	85
A5J2-7	8	91

PANEL TO BACK CAB. PLUG

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

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REMOVE ALL BURRS

TOLERANCES ON DIMENSIONS UNLESS OTHERWISE SPECIFIED

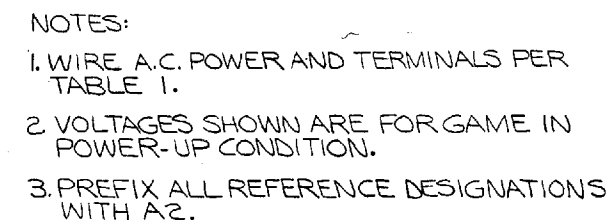
FRACTIONS - 1/64

DECIMALS - .005

ANGLES - 1°

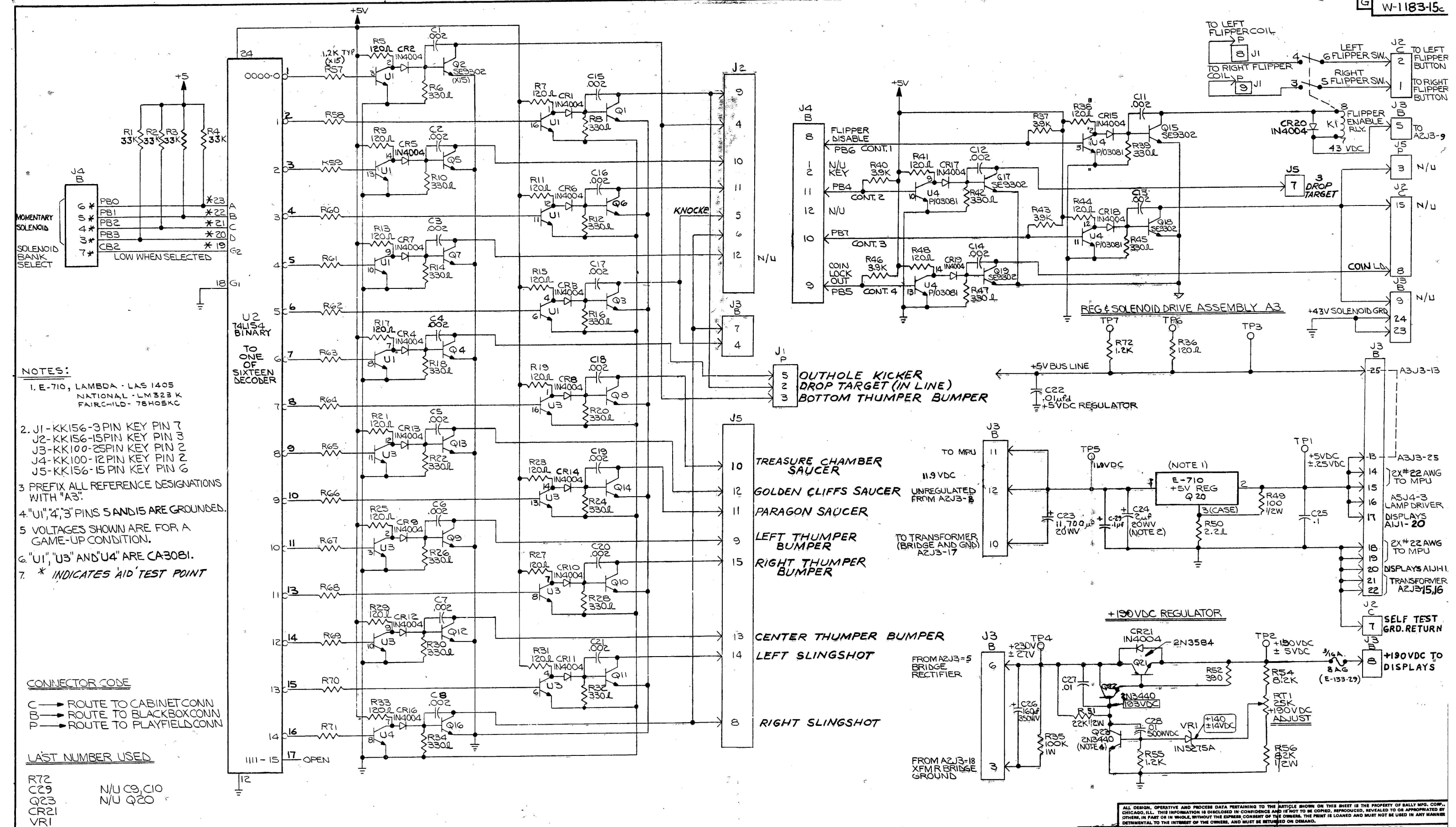
DO NOT SCALE DRAWING

DR. BY	DATE	Bally MANUFACTURING CORP. 2640 BELMONT AVENUE CHICAGO, ILLINOIS	#1167-E	
CK. BY	DATE			
AP'D BY	DATE	NAME PLUG CONNECTORS	ASSEM. NO. USED ON #	
DATE	DATE			
FINISH		MATERIAL PARAGON	PART NO. W-1187-1	
HARDENING				
LET.	CHANGE	DATE	BY	CK.

DIE SIZE — G.C. — FT. PER M — LBS. PER M —

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<u>REMOVE ALL BURS</u>		DR BY <u>CSN</u> DATE <u>6-16</u> CL BY <u>CSN</u> DATE <u>2-11-77</u> APD BY <u>DATE</u> ATO BY <u>DATE</u> FINISH: HARDENING: Bally MANUFACTURING CORP. FEB 21 1977 2640 BELMONT AVENUE CHICAGO, ILLINOIS # 1074 - E																																											
TOLERANCES ON DIMENSIONS UNLESS OTHERWISE SPECIFIED FRACTIONS : DECIMALS : ANGLES :		<table border="1"> <tr> <td>PRINT</td> <td>PROD</td> <td>INS</td> <td>INS</td> <td>INS</td> <td>INS</td> <td>INS</td> <td>INS</td> <td>INS</td> <td>INS</td> <td>INS</td> <td>INS</td> <td>INS</td> <td>INS</td> <td>TOTAL</td> <td>SCALE</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>												PRINT	PROD	INS	INS	INS	INS	INS	INS	INS	INS	INS	INS	INS	INS	TOTAL	SCALE																
PRINT	PROD	INS	INS	INS	INS	INS	INS	INS	INS	INS	INS	INS	INS	TOTAL	SCALE																														
<u>DO NOT SCALE DRAWING</u>		NAME <u>POWER TRANSFORMER</u> MODULE SCHEMATIC ASSEM. NO. USED ON/W PART NO. <u>W-1185-1c</u>																																											

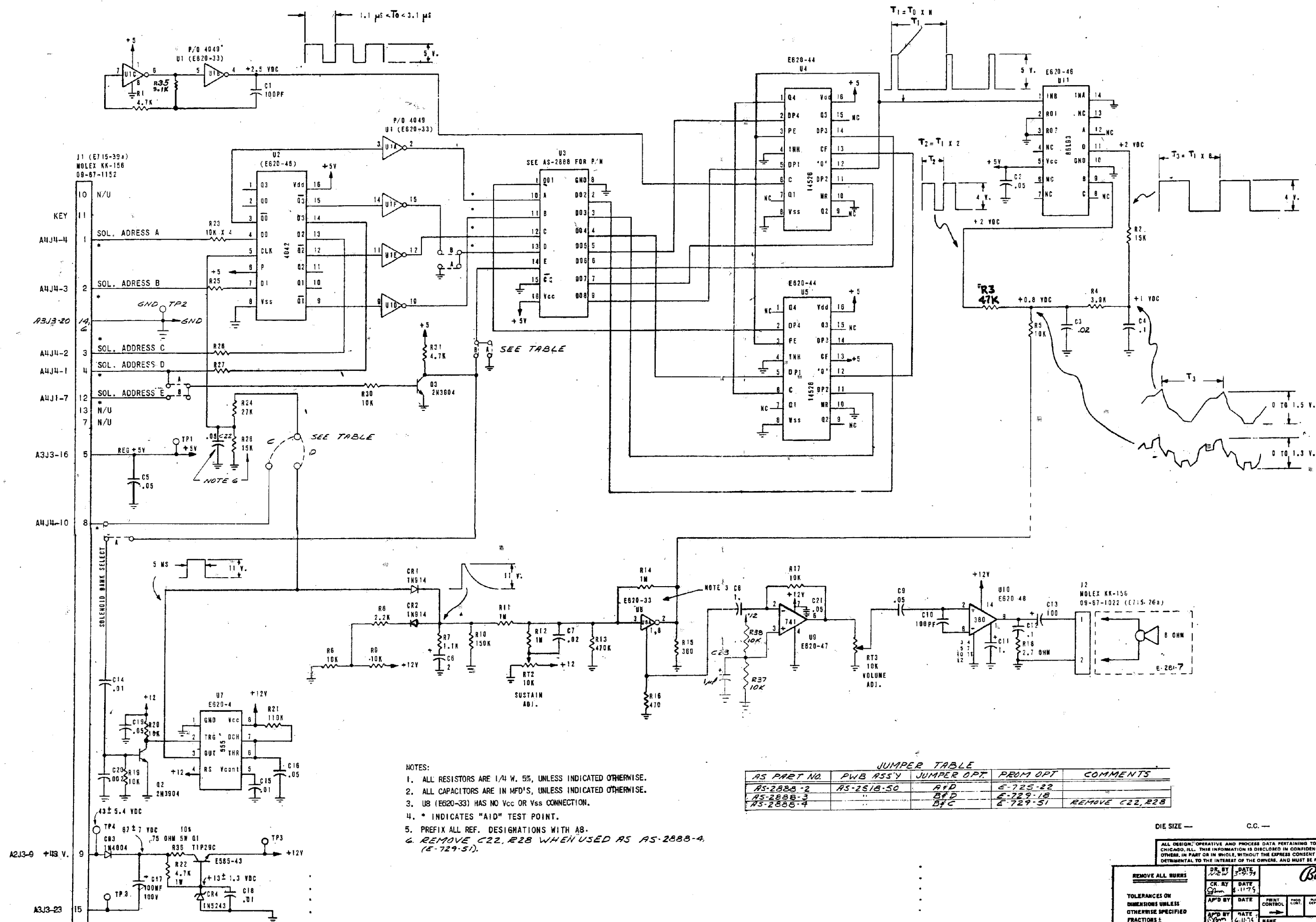


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[illegible]

OPER.	DEPT.	DESCRIPTION	TOOL No.
-------	-------	-------------	----------

NO.	LET.	CHANGE	DATE	BY	CL.
-----	------	--------	------	----	-----

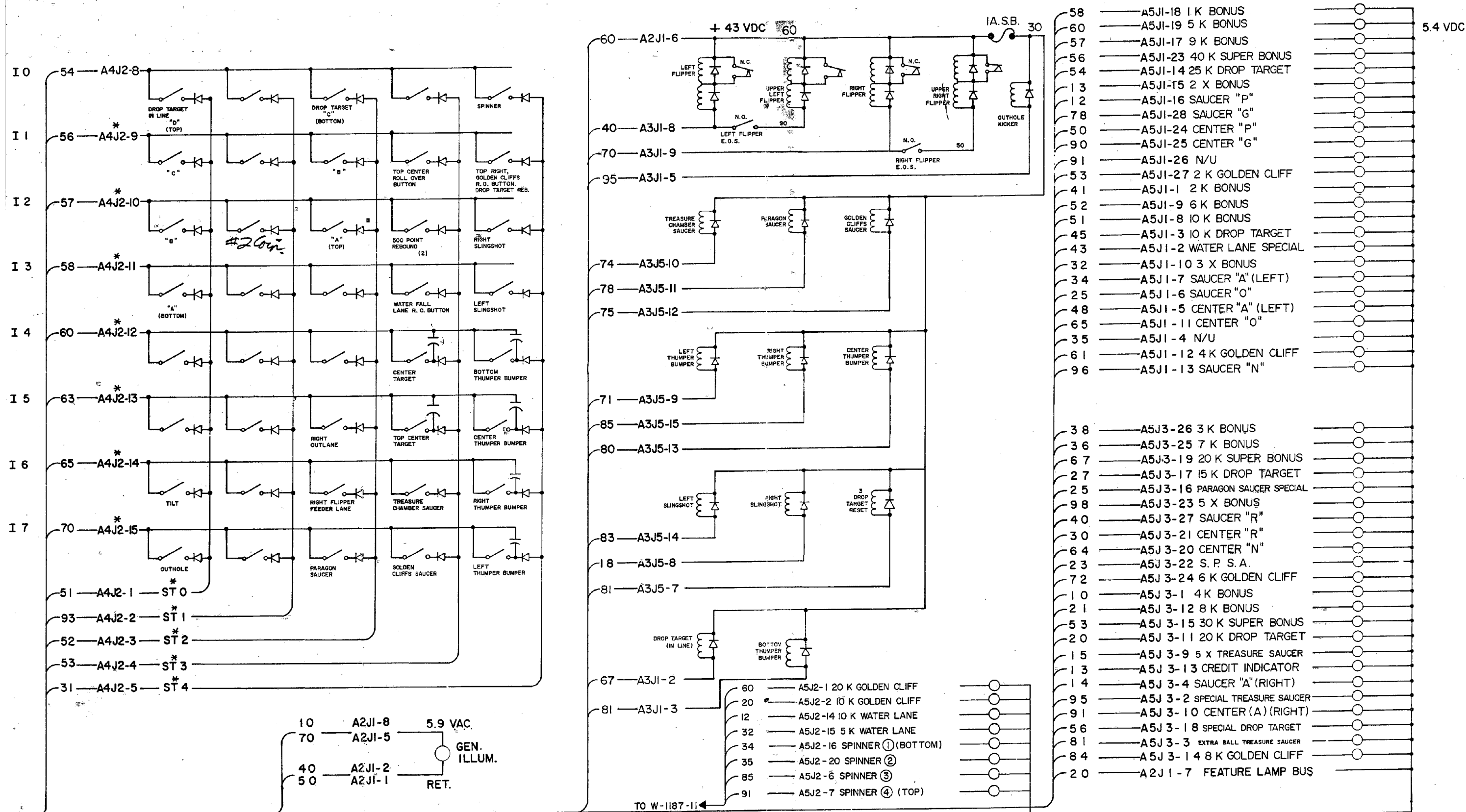


JUMPER TABLE				
AS PART NO.	PWB ASSY	JUMPER OPT.	PROM OPT	COMMENTS
AS-2888-2	AS-2518-50	A+D	E-725-82	
AS-2888-3	"	B+D	E-729-18	
AS-2888-4	"	B+C	E-729-51	REMOVE C22, R21

DIE SIZE — C.C. — FT. PER M — LBS. PER M —

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REMOVE ALL SURRS TOLERANCES ON DIMENSIONS UNLESS OTHERWISE SPECIFIED FRACTIONS : DECIMALS : ANGLES : DO NOT SCALE DRAWING	DR. BY <i>Chm</i>	DATE <i>6-11-79</i>	Bally MANUFACTURING CORP. 2640 BELMONT AVENUE CHICAGO, ILLINOIS <i>1167-E</i>										
	CR. BY <i>Chm</i>	DATE <i>6-11-79</i>											
	APP'D BY <i>Chm</i>	DATE <i>6-11-79</i>	PRINT CONTROL	PHOTO CONT.	MKT. DEPT.	ENG. FILE	TOOL. DESIG.	COPI. DEPT.	ACC. INSP.	TEST.	MACH. INSP.	TOTAL	SCALE
	APP'D BY <i>Chm</i>	DATE <i>6-11-79</i>	NAME SOLID STATE SOUND MODULE A8										
	FINISH:	ASSEM. NO. USED ON/W AS-2518-W-50											
	HARDENING:	MATERIAL PART NO. W-1193-1											



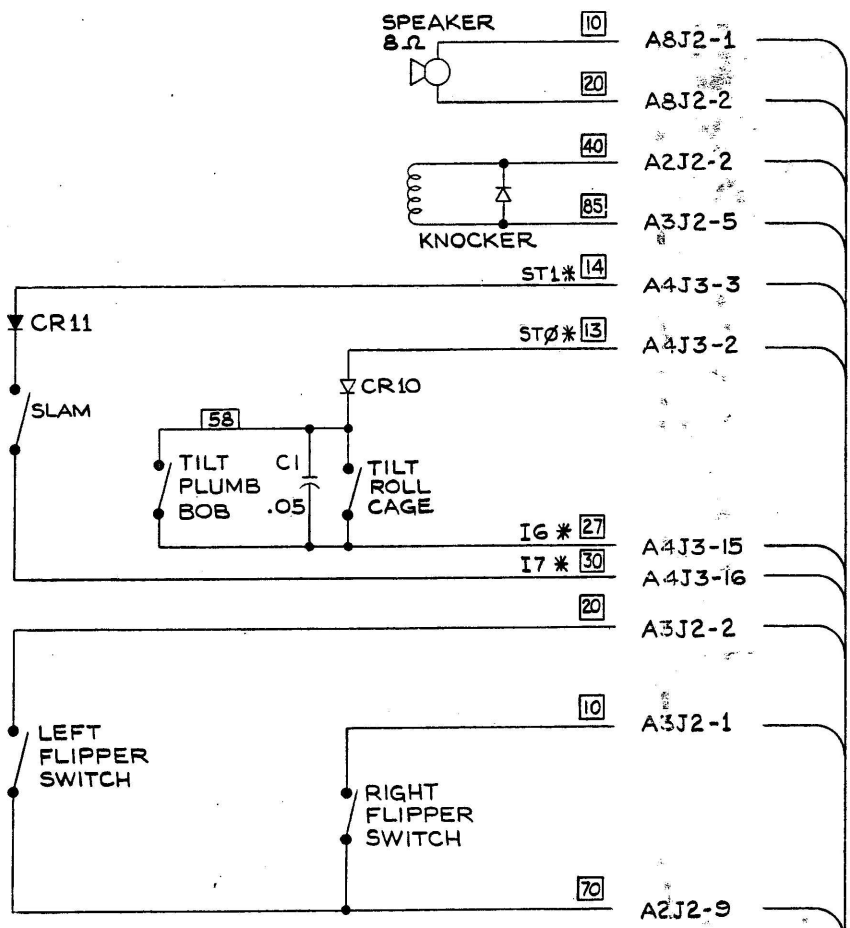
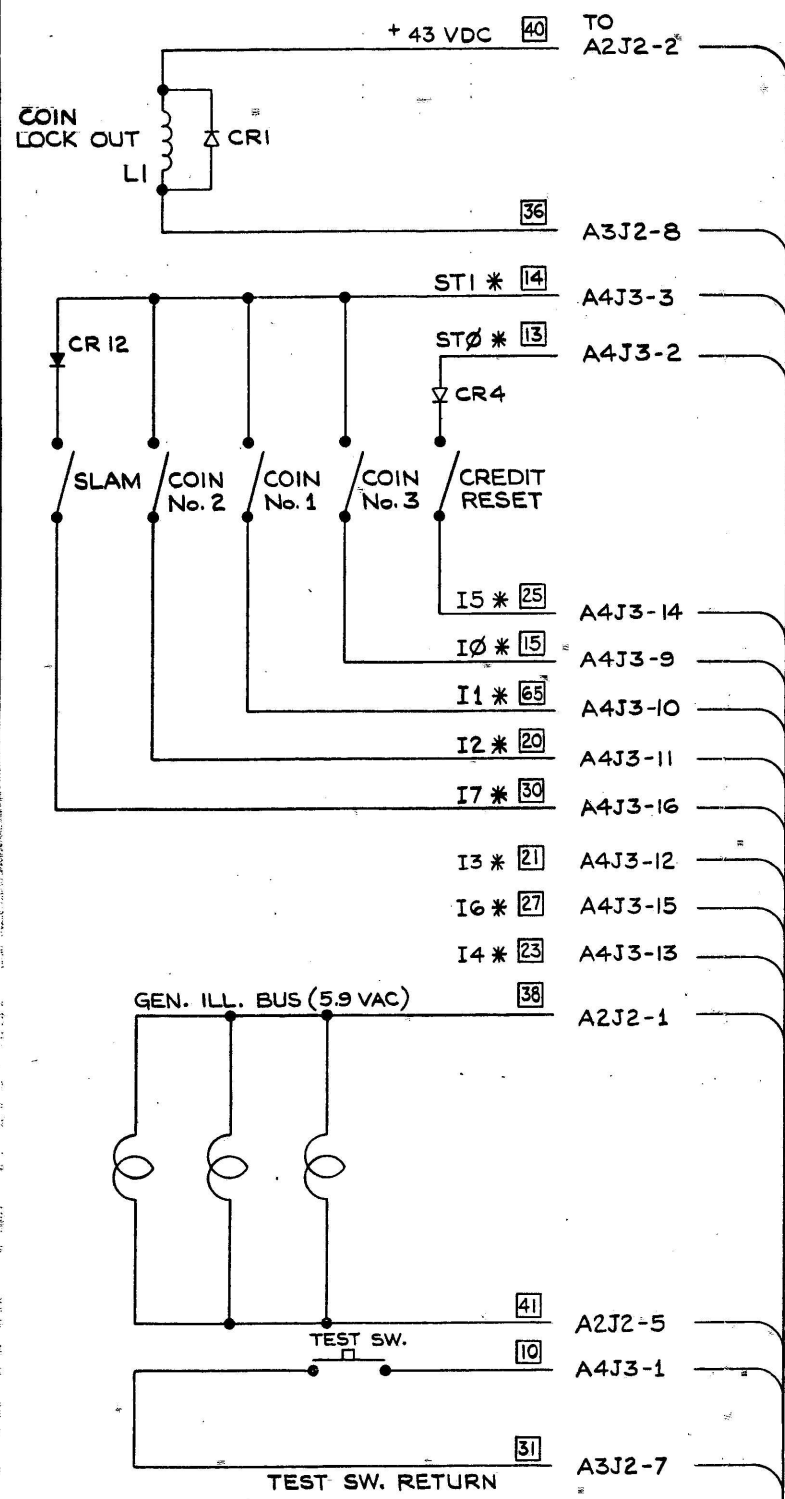
PLAYFIELD A6

NOTES

1. INDICATES NOT USED
2. N/U = NOT USED ON PLAYFIELD
3. * INDICATES AID TEST POINT
4. ALL DIODES ARE 1N4004 (E-587-6)
ALL CAPACITORS ARE .05 MFD. (E-586-80)

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REMOVE ALL BURS		DR. BY DATE		Bally MANUFACTURING CORP.	
TOLERANCES ON DIMENSIONS UNLESS OTHERWISE SPECIFIED FRACTIONS - 1/64 DECIMALS - .005 ANGLES - 1°		CK. BY DATE		2640 BELMONT AVENUE CHICAGO, ILLINOIS #1167-E	
DO NOT SCALE DRAWING		AP'D BY DATE		TOTAL SCALE	
		FINISH		NAME	
		HARDENING		MATERIAL	
				SWITCH MATRIX	
				PARAGON	
				PART NO. W-1192-1	

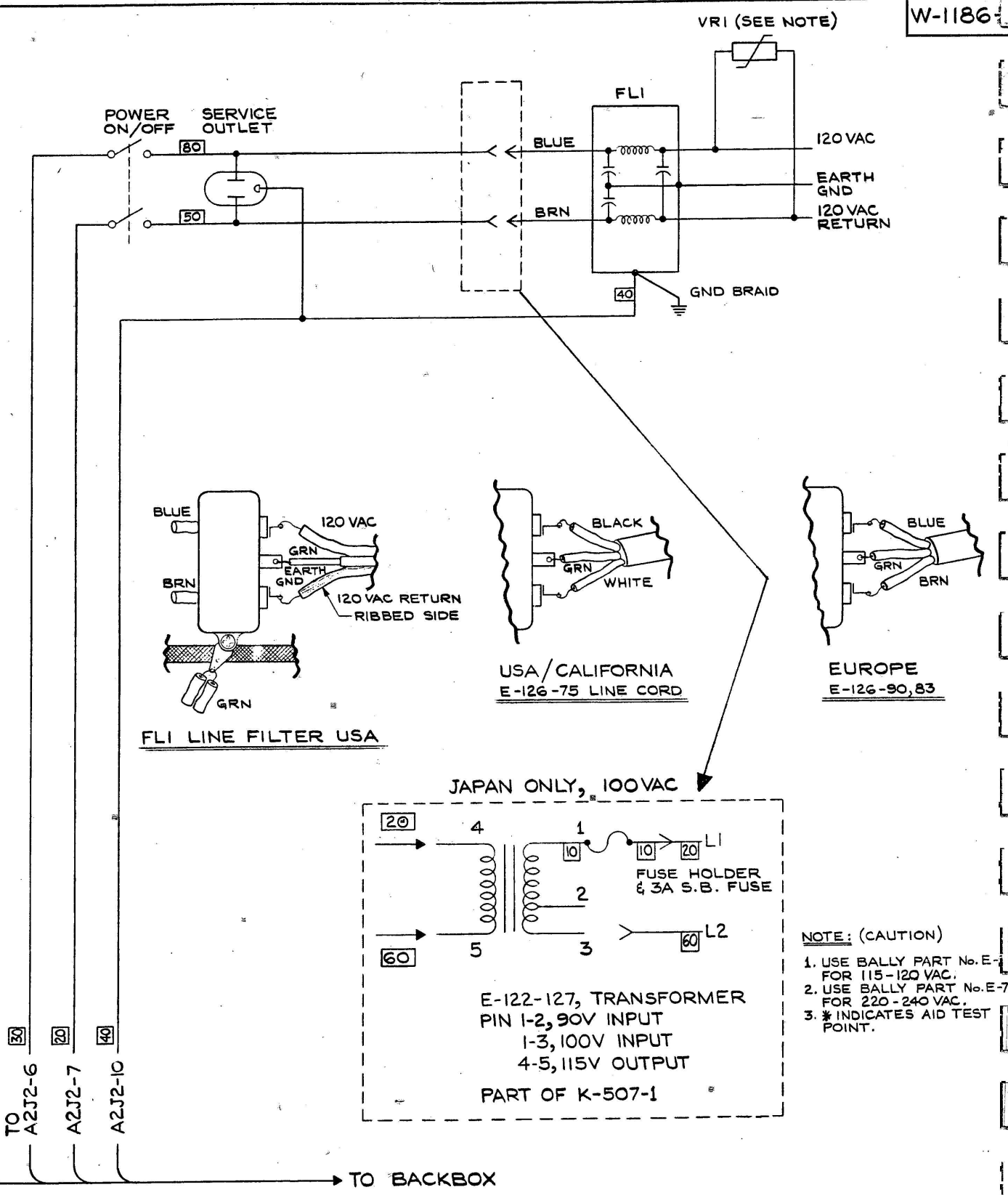


TO	J1 PIN	TO	J1 PIN
A4J3-9	1	A4J3-3	11
A4J3-10	2	A2J2-2	15
A4J3-11	3	A3J2-8	16
A4J3-12	4	A2J2-1	17
A4J3-13	5	A2J2-5	18
A4J3-14	6	A4J3-1	19
A4J3-15	7	A3J2-7	20
A4J3-16	8		
A4J3-2	10		

DOOR PLUG

A7 CABINET ASS'Y. WIRING

NOTE: -DIODES ARE IN4004, (E-587-6)



- NOTE: (CAUTION)
1. USE BALLY PART No. E-115-120 VAC.
 2. USE BALLY PART No. E-713-240 VAC.
 3. * INDICATES AID TEST POINT.

OPER.	DESCRIPTION	TOOL No.
6		
5		
4		
3		
2		
1		

REMOVE ALL BURRS		DR. BY DATE E.V. 3-28-79	
TOLERANCES ON DIMENSIONS UNLESS OTHERWISE SPECIFIED		CK. BY DATE	
FRACTIONS ±		AP'D BY DATE J.D. 4-5-79	
DECIMALS ±		AP'D BY DATE E.V. 4-5-79	
ANGLES ±		FINISH	
DO NOT SCALE DRAWING		NAME WIRING DIAGRAM ELECTRONIC	
MATERIAL		ASSEM. No. W-1186-6	
LET.	CHANGE	DATE	BY CK.