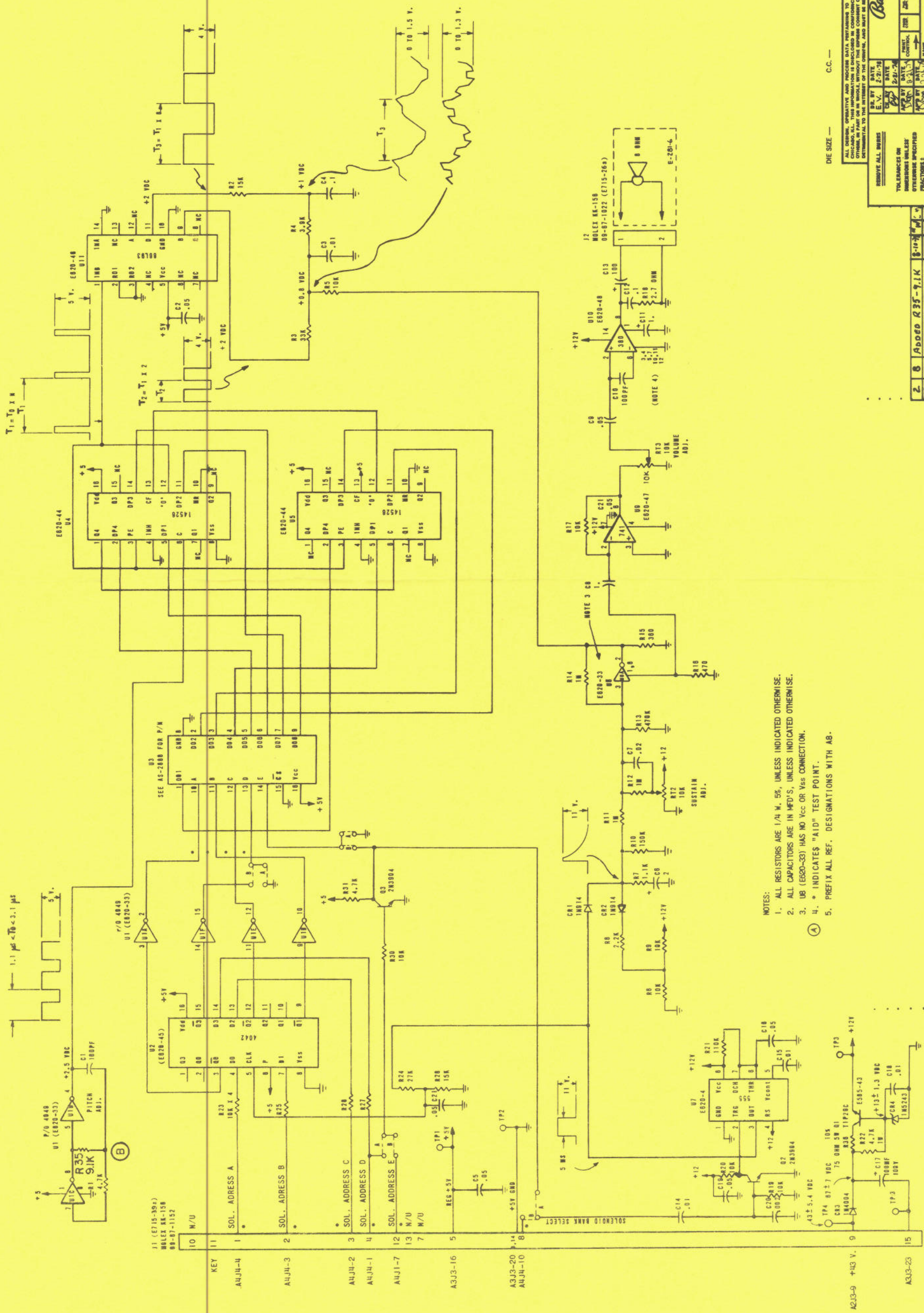


1. * INDICATES "AID" TEST POINT.
2. REMOVE A3J4 BEFORE USING AS AID TEST POINT
3. PREFIX ALL REFERENCE DESIGNATIONS WITH "A4"
4. EXACT CHIP COMPLEMENT USED CAN VARY FOR DIFFERENT GAMERS

[illegible]



NOTES:

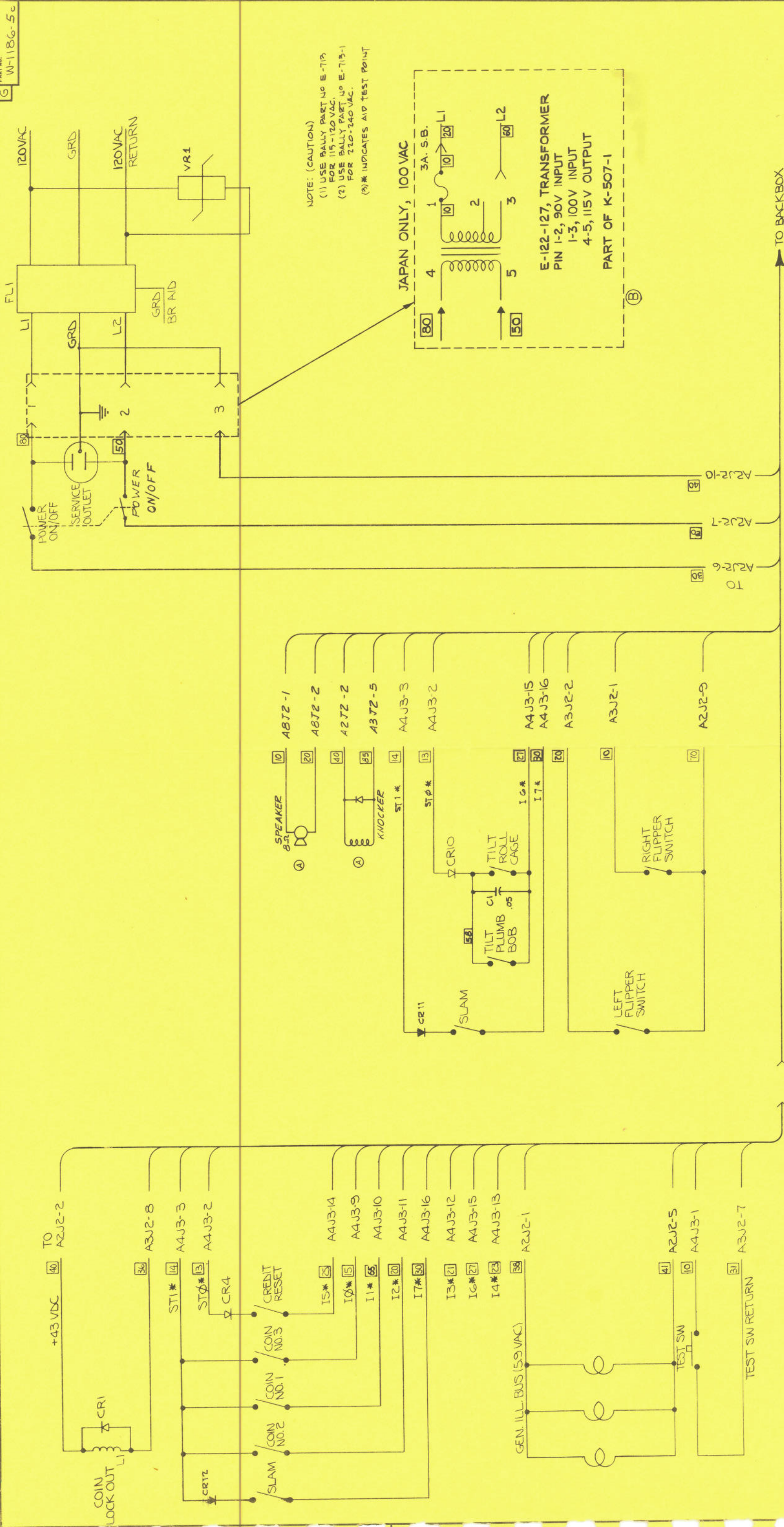
1. ALL RESISTORS ARE 1/4 W. 5% UNLESS INDICATED OTHERWISE.
2. ALL CAPACITORS ARE IN MPF'S, UNLESS INDICATED OTHERWISE.
3. UB (E620-33) HAS NO Vcc OR Vss CONNECTION.
4. * INDICATES "AID" TEST POINT.
5. PREFIX ALL REF. DESIGNATIONS WITH A8.

(A)

2	8	Added R35-71K	8-10-71	W	4
2	8	Removed RTI-10K	8-10-71	W	4
2	8	" " R29-1K	8-10-71	W	4
1	1	Added NOTE 4	8-9-71	W	4
NO.	LET.	CHANGE	DATE	BY	CO.

REMOVE ALL UNITS		S.R. BY DATE E.V. 2-27-78	
TOLERANCES ON DIMENSIONS UNLESS OTHERWISE SPECIFIED		DATE BY DATE	
FRACTIONS ±		APR BY DATE	
DECIMALS ±		APR BY DATE	
ANGLES ±		APR BY DATE	
DO NOT SCALE DRAWINGS		FACED/REVERSE	

<i>Babco</i> MANUFACTURING CORP. 1116-E 2848 BELMONT AVENUE CHICAGO, ILLINOIS 60618									
PART NO.		SCALE		TOLERANCES		DATE BY DATE		DATE BY DATE	
AS-2518-32		1/16"		1/16"		APR BY DATE		APR BY DATE	
W-1193 C		1/16"		1/16"		APR BY DATE		APR BY DATE	
MATERIAL		SOLID STATE SOUND MODULE A8		PART CONTROL		DATE BY DATE		DATE BY DATE	
W-1193 C		1/16"		1/16"		APR BY DATE		APR BY DATE	



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

AT CABINET ASSY. WIRING

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

NOTE: (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

JAPAN ONLY, 100 VAC

3A. S.B.

E-122-127, TRANSFORMER
PIN 1-2, 90V INPUT
1-3, 100V INPUT
4-5, 115V OUTPUT
PART OF K-507-1

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

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REMOVE ALL BURNS	DATE	SEP 11 1958	SCALE	TOTAL	ASSEMBLY NO. USED ONLY
TOLERANCES UNLESS OTHERWISE SPECIFIED	DATE	SEP 11 1958	SCALE	TOTAL	ASSEMBLY NO. USED ONLY
FRACTIONS UNLESS OTHERWISE SPECIFIED	DATE	SEP 11 1958	SCALE	TOTAL	ASSEMBLY NO. USED ONLY
DECIMALS UNLESS OTHERWISE SPECIFIED	DATE	SEP 11 1958	SCALE	TOTAL	ASSEMBLY NO. USED ONLY
DO NOT SCALE DRAWING	DATE	SEP 11 1958	SCALE	TOTAL	ASSEMBLY NO. USED ONLY

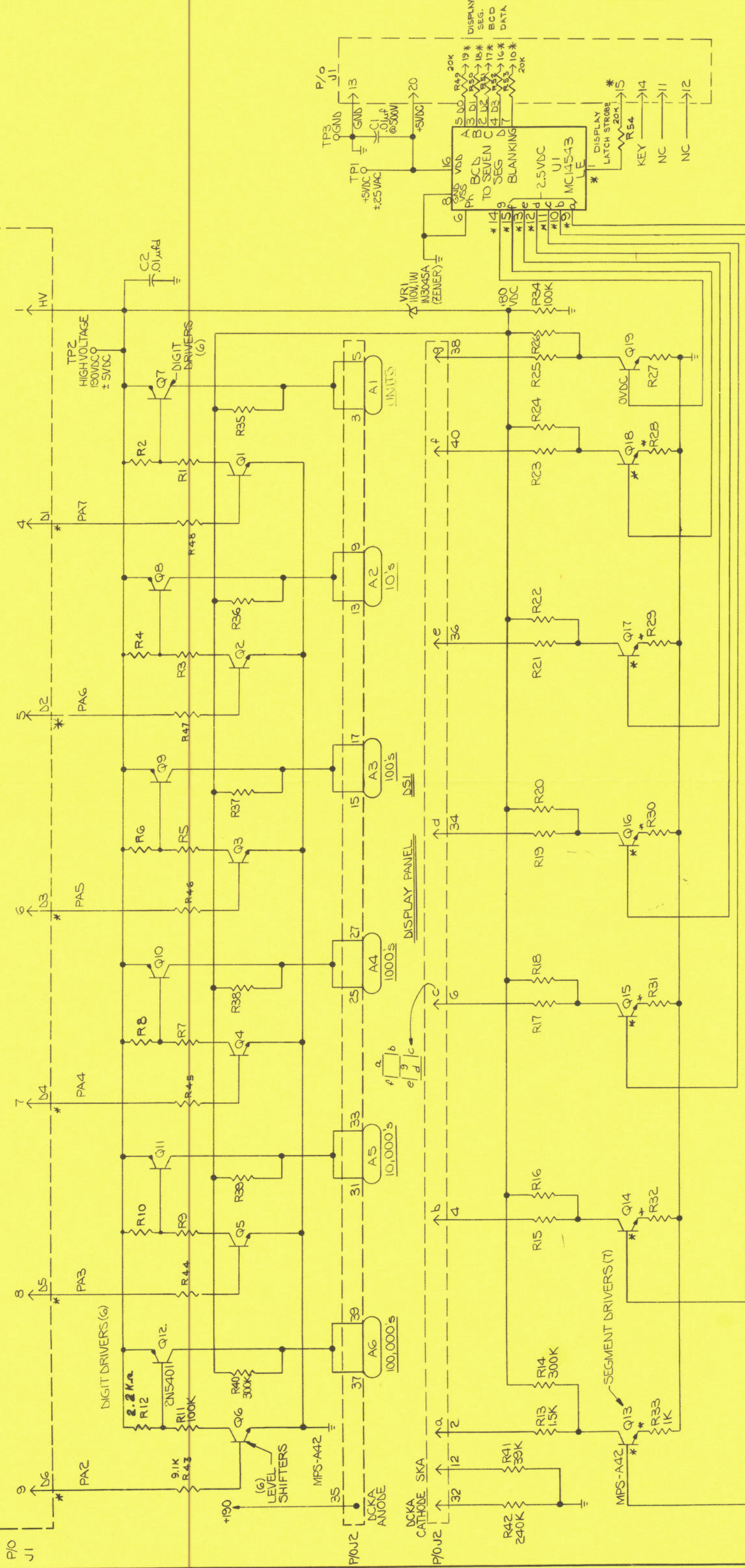
WIRING DIAGRAM
ELECTRONIC

BALLY MANUFACTURING CORP.
2440 BELMONT AVENUE
CHICAGO, ILLINOIS

1119-E

PART NO. W-1186-5c

DISPLAY DIGIT ENABLE



NOTES:

1. UNLESS OTHERWISE SPECIFIED ALL RESISTORS ARE $\pm 5\%$, 1/4W.
2. PREFIX ALL REFERENCE DESIG. WITH ASSEMBLY REFERENCE DESIG. "A1"
3. * INDICATES 'AID' TEST POINT.

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

REMOVE ALL BUBBLES

REWORK ON INSURANCE LIST OTHERWISE SPECIFIED FRACTIONS: ANGLES: DO NOT SCALE DRAWING

DATE: 10/1/77 BY: J. J. J. CONTROL: 10/1/77 NAME: J. J. J. PART NO.: W-1184-1c

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BALLY MANUFACTURING CORP. 2640 BELMONT AVENUE CHICAGO, ILLINOIS 60612-7153

DATE: 10/1/77 BY: J. J. J. CONTROL: 10/1/77 NAME: J. J. J. PART NO.: W-1184-1c

ASSEMBLY NO. USED ON: W-1184-1c

DISPLAY BOARD SCHEMATIC

OPER. DEPT. TOOL No. DESCRIPTION

TRANSFORMER ASSEMBLY A2

NOTES:

- 1. WIRE A.C. POWER AND TERMINALS PER TABLE 1.
- 2. VOLTAGES SHOWN ARE FOR GAME IN POWER-UP CONDITION.
- 3. PREFIX ALL REFERENCE DESIGNATIONS WITH A2.

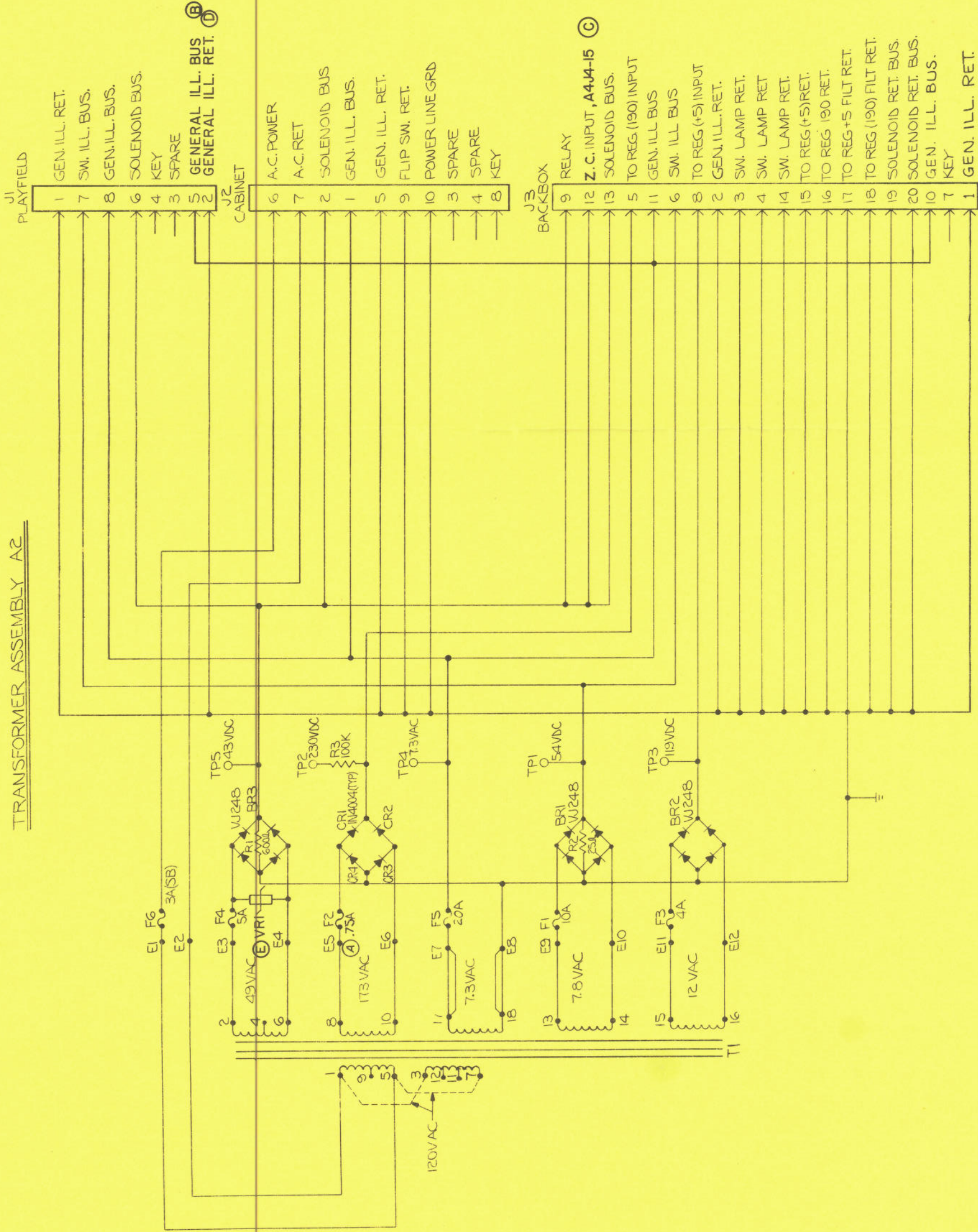


TABLE 1 POWER LINE CONNECTIONS		
LINE VOLTAGE VRMS A.C.	STRAP TERMINALS	APPLY POWER TO TERMINALS
115	1 TO 3 AND 9 TO 11	1 AND 9
120	1 TO 3 AND 5 TO 7	1 AND 5
220	3 TO 5	1 AND 12
240	3 TO 5	1 AND 7

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

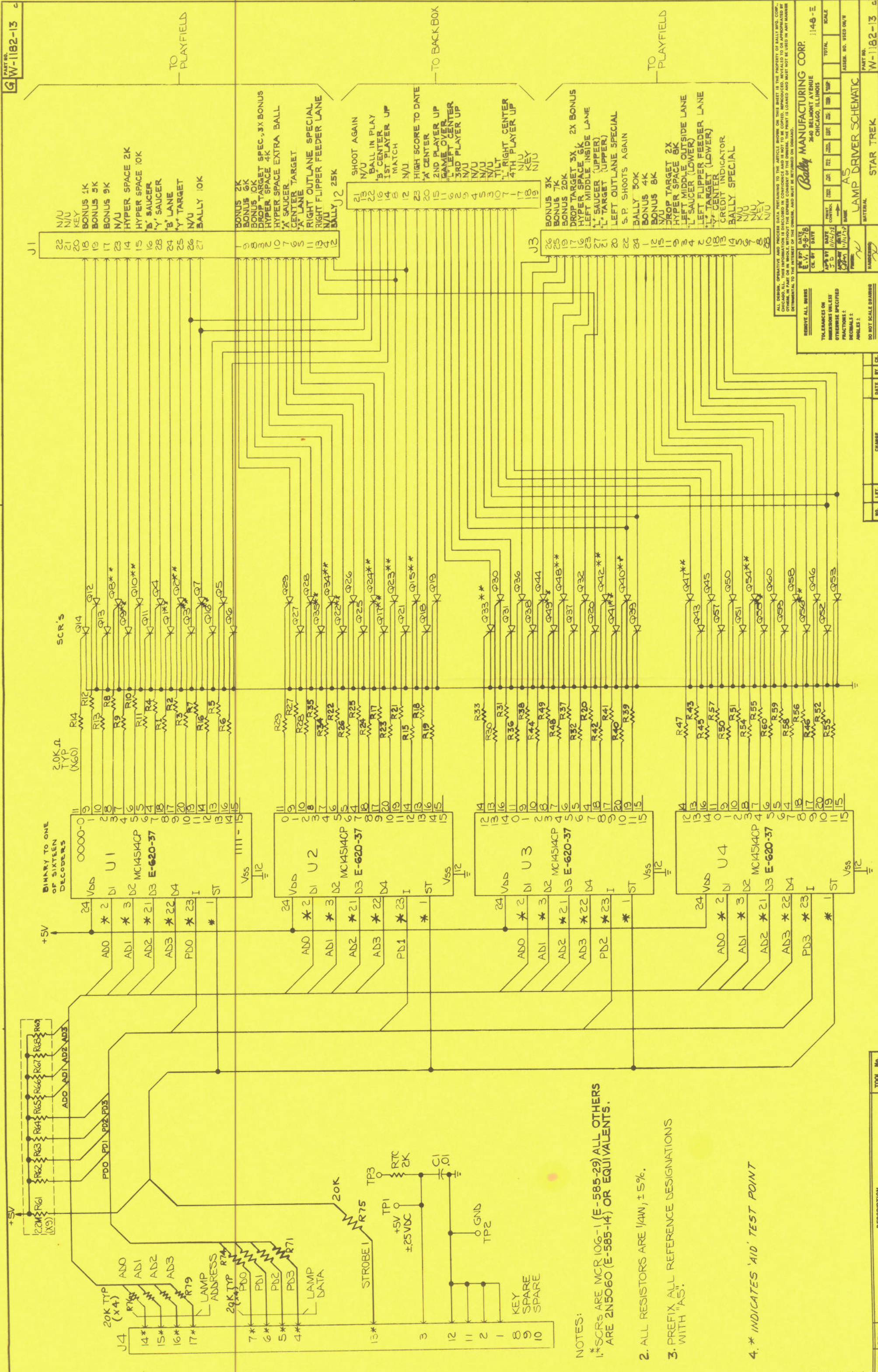
REMOVE ALL BUBBLES
TOLERANCES UNLESS OTHERWISE SPECIFIED
FRACTIONS IN PARALLELS
ANGLES IN DEGREES
DO NOT SCALE DRAWING

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DATE: FEB 21 1977
BY: [Signature]
CHKD BY: [Signature]
APPROVED BY: [Signature]
NAME: [Signature]
PRINT: [Signature]
HARDWARE: [Signature]

OPER. DEPT. DESCRIPTION TOOL No.

POWER TRANSFORMER MODULE SCHEMATIC
Bally MANUFACTURING CORP.
2440 BELMONT AVENUE
CHICAGO, ILLINOIS 60614
FEB 21 1977
1074 - E
TOTAL SCALE
ASSEMBLY NO. USED ON/W
PART NO. W-1185-1c



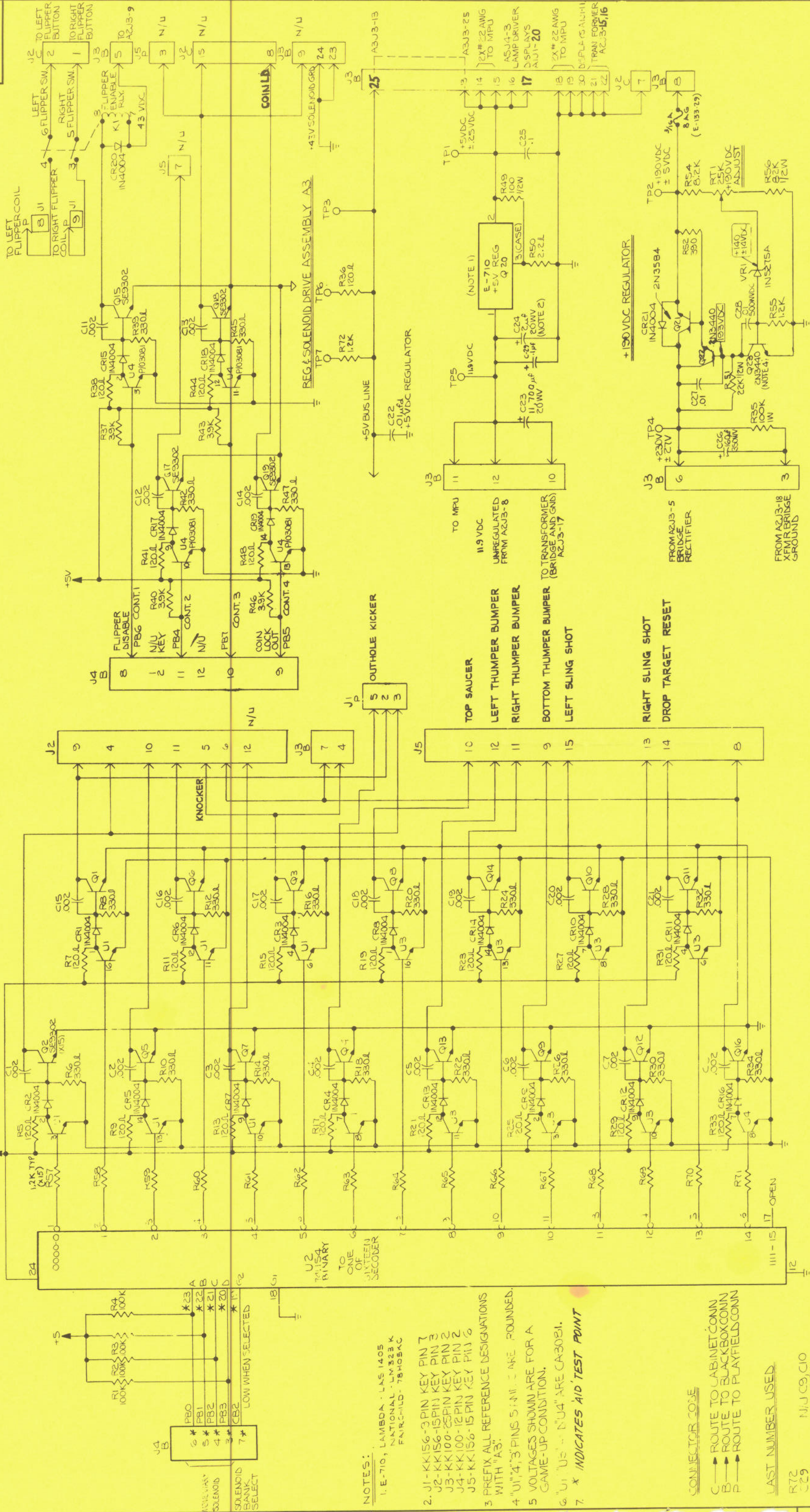
NOTES:
*¹ SCRs ARE MCR 106-1 (E-585-29) ALL OTHERS ARE 2N560 (E-585-4) OR EQUIVALENTS.

2. ALL RESISTORS ARE $\frac{1}{4}W, \pm 5\%$.

3. PREFIX ALL REFERENCE DESIGNATIONS WITH "A5".

4. * INDICATES 'AID' TEST POINT

[illegible]

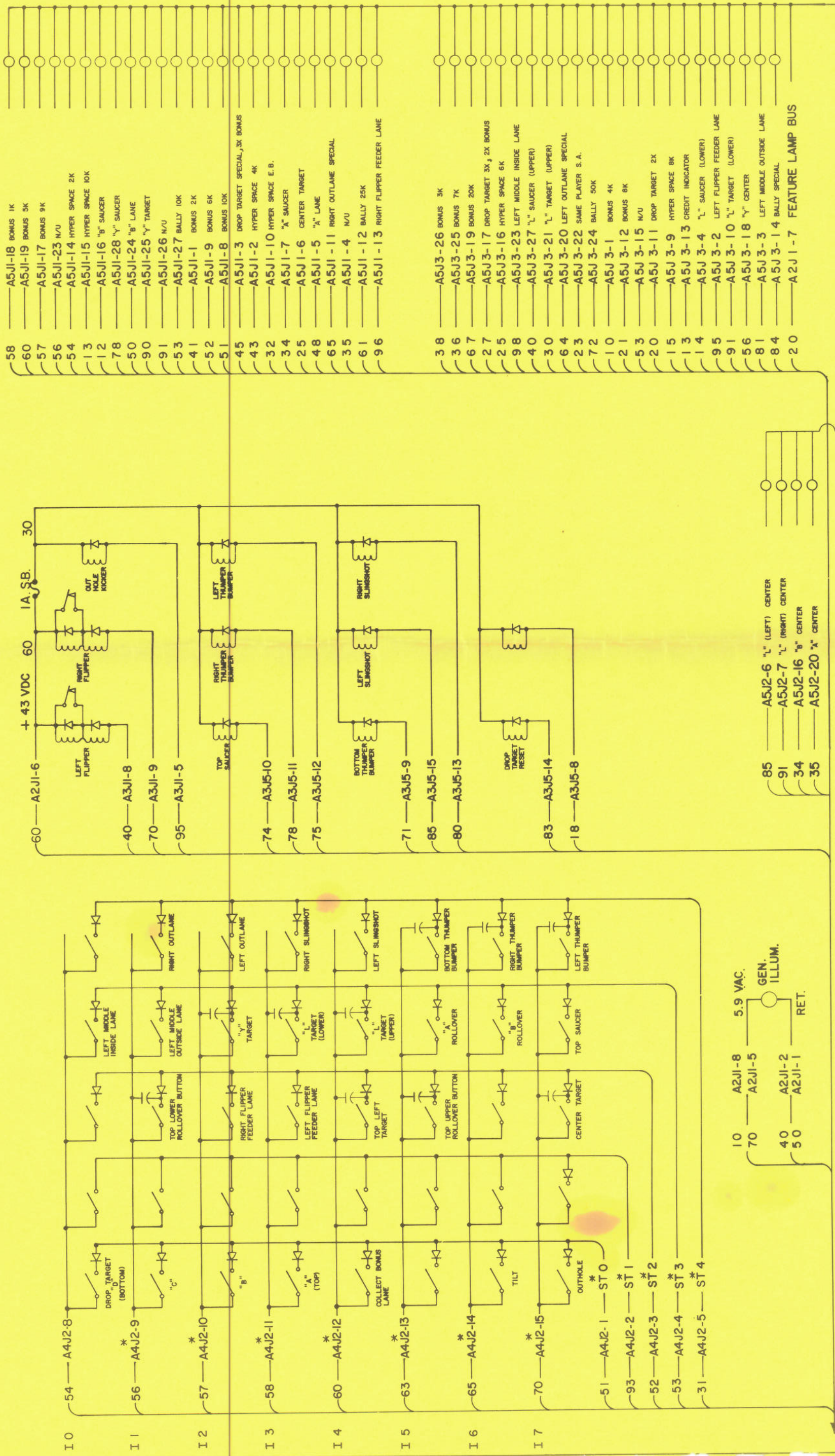


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[illegible]

NO.	LET.	CHANGE	DATE	BY	CL.
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DEPT.		TOOL No.
OPFR	DESCRIPTION	



PLAYFIELD A6

NOTES

1. INDICATES NOT USED
2. N/U = NOT USED ON PLAYFIELD
3. * INDICATES AID TEST POINT
4. ALL DIODES ARE IN4004 (E-587-6)
ALL CAPACITORS ARE .05 MFD. (E-586-80)

REMOVE ALL BUBBLES		DATE E. V. 9-14-78		DATE CX BY		DATE APD BY		DATE S.D. BY		DATE C.D. BY		DATE F.D. BY		DATE T.D. BY		DATE TOTAL		SCALE	
TOLERANCES ON DIMENSIONS UNLESS OTHERWISE SPECIFIED		FRACTIONS - 1/16		DECIMALS - .005		ANGLES - °		DO NOT SCALE DRAWING		HARDENING		MATERIAL		PART NO.		W-1192-9c		STAR TREK	
Bally MANUFACTURING CORP.		2840 BELMONT AVENUE		CHICAGO, ILLINOIS		1148-E		SWITCH MATRIX		ASSEMBLY NO. USED ON W		ASSEMBLY NO. USED ON W		ASSEMBLY NO. USED ON W		ASSEMBLY NO. USED ON W		ASSEMBLY NO. USED ON W	