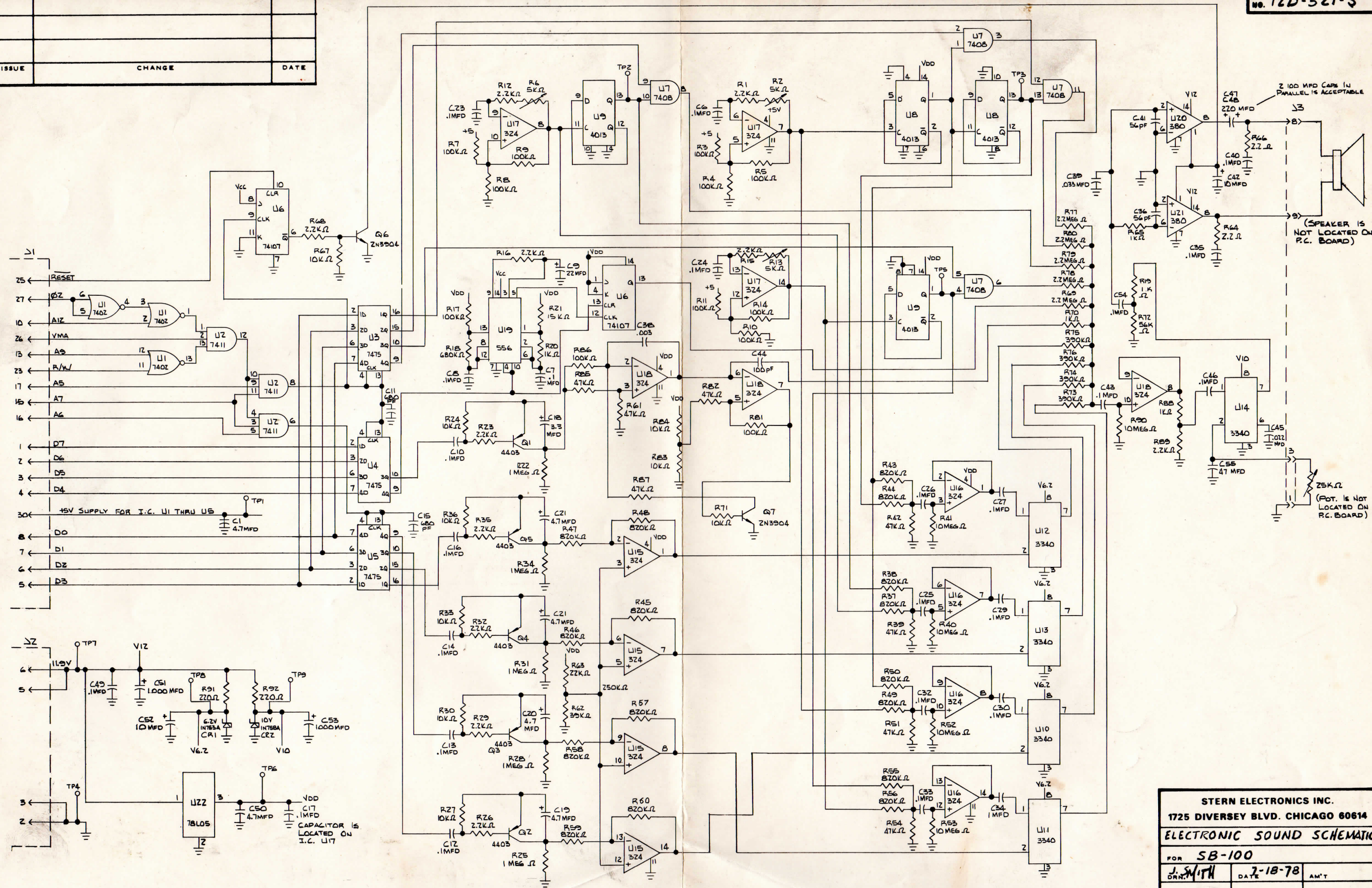


ISSUE	CHANGE	DATE



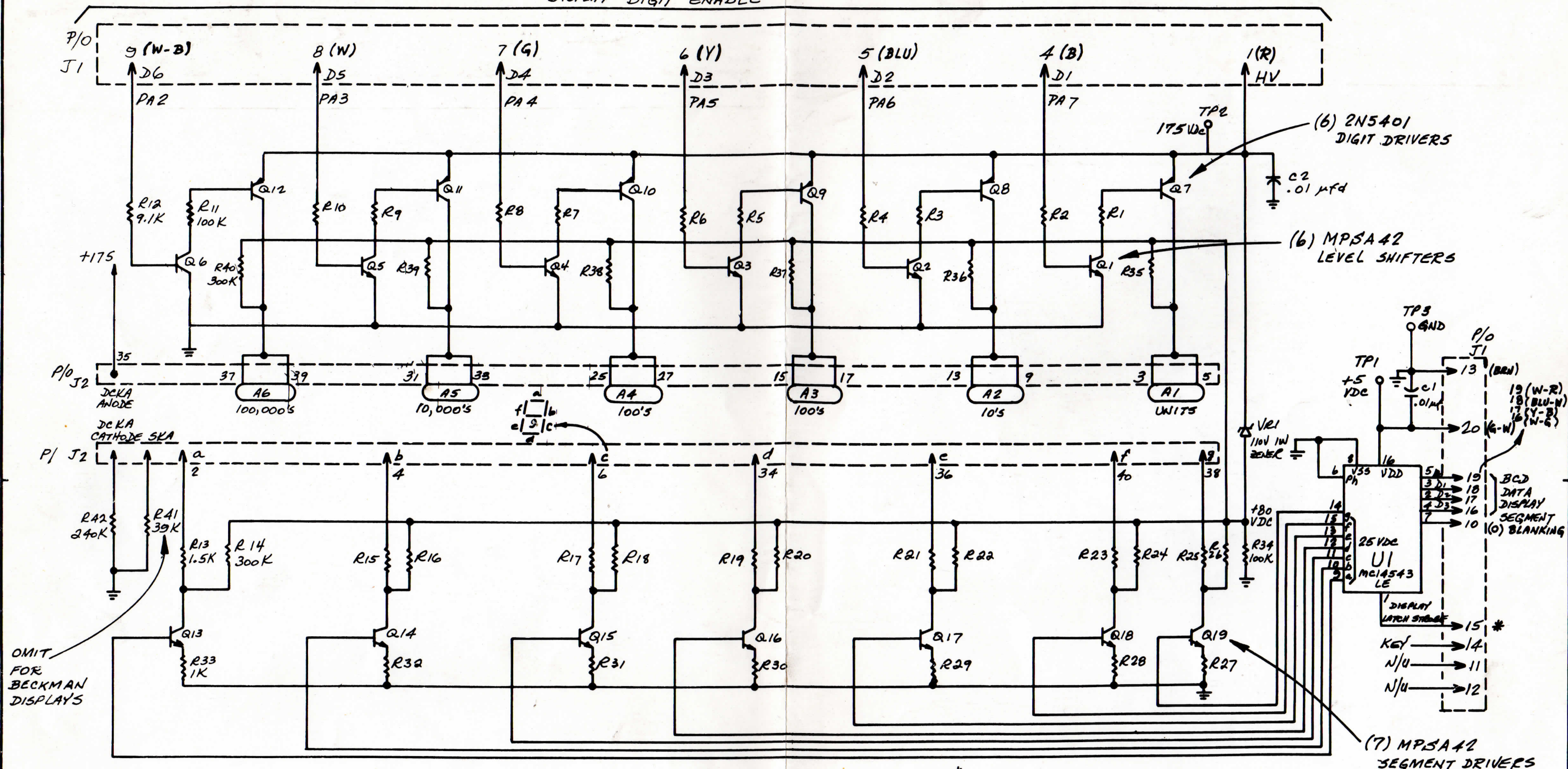
STERN ELECTRONICS INC.
1725 DIVERSEY BLVD. CHICAGO 60614

ELECTRONIC SOUND SCHEMATIC

FOR **SB-100**

DRN. J. Smith	DATE 7-18-78	AM'T
MAT	FIN.	APPR.

DISPLAY DIGIT ENABLE



*

PIN	WIRE	COLOR
1 ST . PLAYER	B-W	
2 ND PLAYER	O-BLU	
3 RD . PLAYER	R-Y	
4 TH . PLAYER	BRN-O	
MATCH/BALL	R-B	

ISSUE A	UPDATED	CHANGE
		DATE 1-78

SCALE: *4/7*

PART MUST BE FREE OF BURRS

Unless otherwise specified, all fractional dimensions carry tolerances of plus and minus .010: All decimal dimensions plus and minus .005. Exceptions: Drilled holes plus .003 minus .001. Die casting fractional plus and minus .005: Decimal plus and minus .003. Decimal dimensions on tools plus and minus .001. Angles $\pm 30'$ unless otherwise specified.

STERN ELECTRONICS INC.
1725 DIVERSEY BLVD. CHICAGO 60614

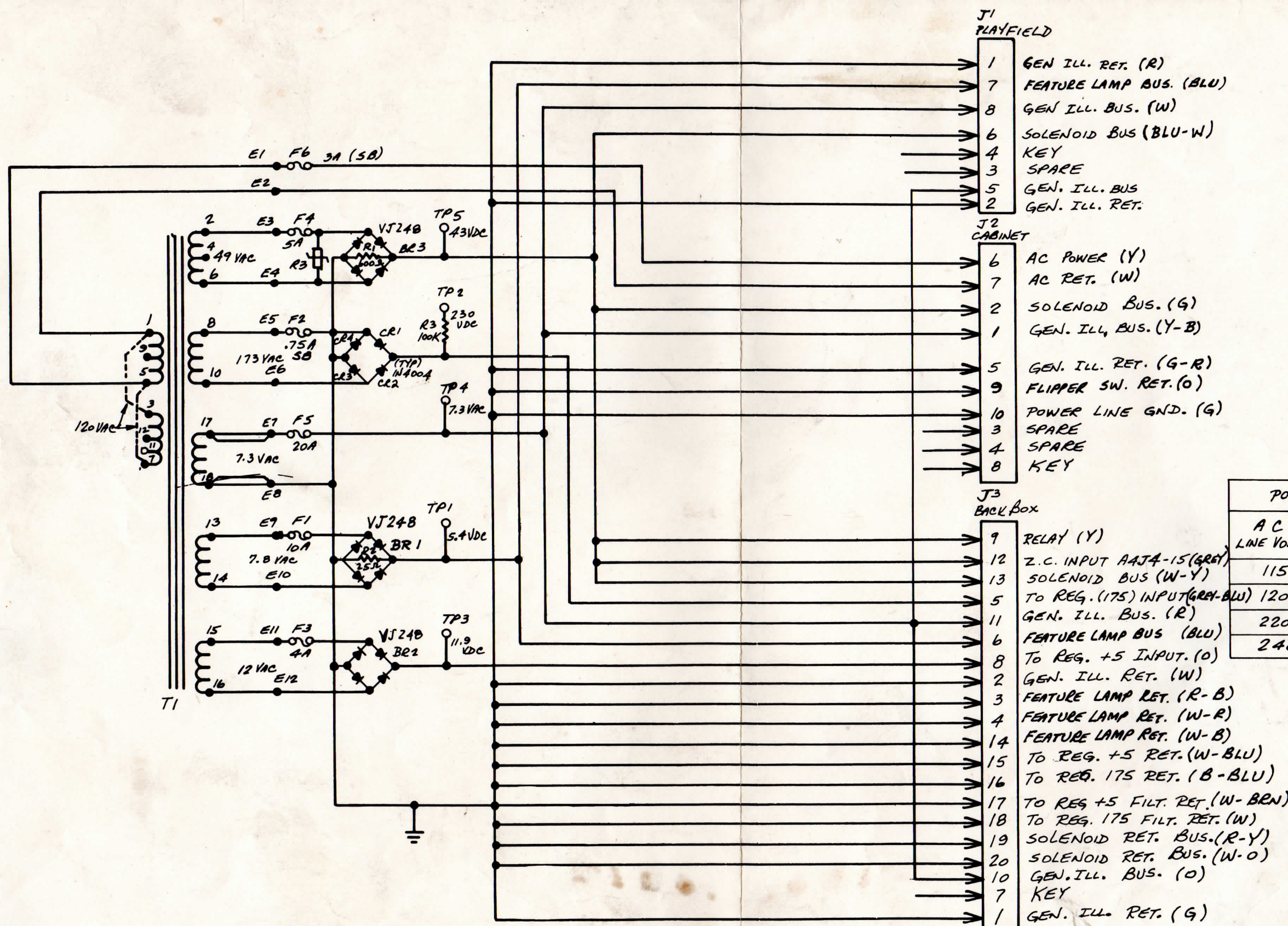
DISPLAY BOARD SCHEMATIC

SOLID STATE

FOR **30210 31A12**

DRN. J.J.	9-20-77 (DATE)	AM'T 45
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MAT <i>CM</i>	FIN. <i>CM</i>	APPR.
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ABBREVIATIONS USED
GEN ILL. = GENERAL ILLUMINATION
RET. = RETURN
GND = GROUND
REG = REGULATED
Z.C. = ZERO CROSSING

POWER LINE CONNECTIONS		
AC LINE VOLTAGE	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

ISSUE	A	UP-DATED	CHANGE	DATE	1-78
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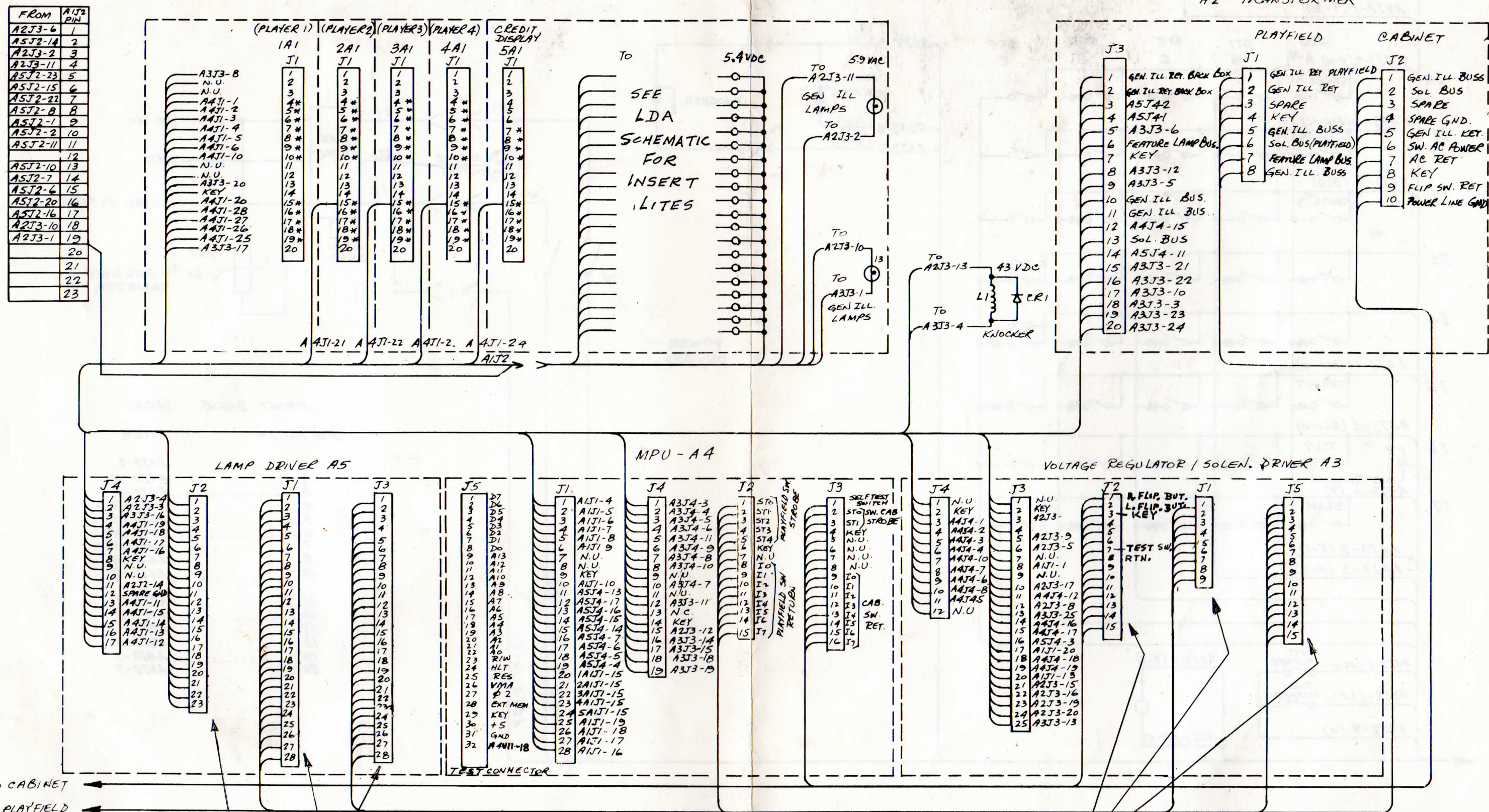
SCALE: *4x* PART MUST BE FREE OF BURRS
Unless otherwise specified, all fractional dimensions carry tolerances of plus and minus .010: All decimal dimensions plus and minus .005. Exceptions: Drilled holes plus .003 minus .001. Die casting fractional plus and minus .005: Decimal plus and minus .003. Decimal dimensions on tools plus and minus .001. Angles $\pm 30^\circ$ unless otherwise specified.

STERN ELECTRONICS INC.
1725 DIVERSEY BLVD. CHICAGO 60614
POWER TRANSFORMER MODULE SCHEMATIC

DRN. J. J.	9-20-77	AM'T <i>W</i>
MAT <i>W</i>	FIN. <i>W</i>	APPR.

AI INSERT

A2 TRANSFORMER



SEE INDIVIDUAL SCHEMATIC DRAWINGS FOR WIRE COLORS.

- SEE LDA SCHEMATIC FOR
FEATURE LAMP PIN OUTS

SEE SD4 SCHEMATIC —
FOR SOLENOID PIN OUTS.

STERN ELECTRONICS INC.

1725 DIVERSEY BLVD. CHICAGO 60614

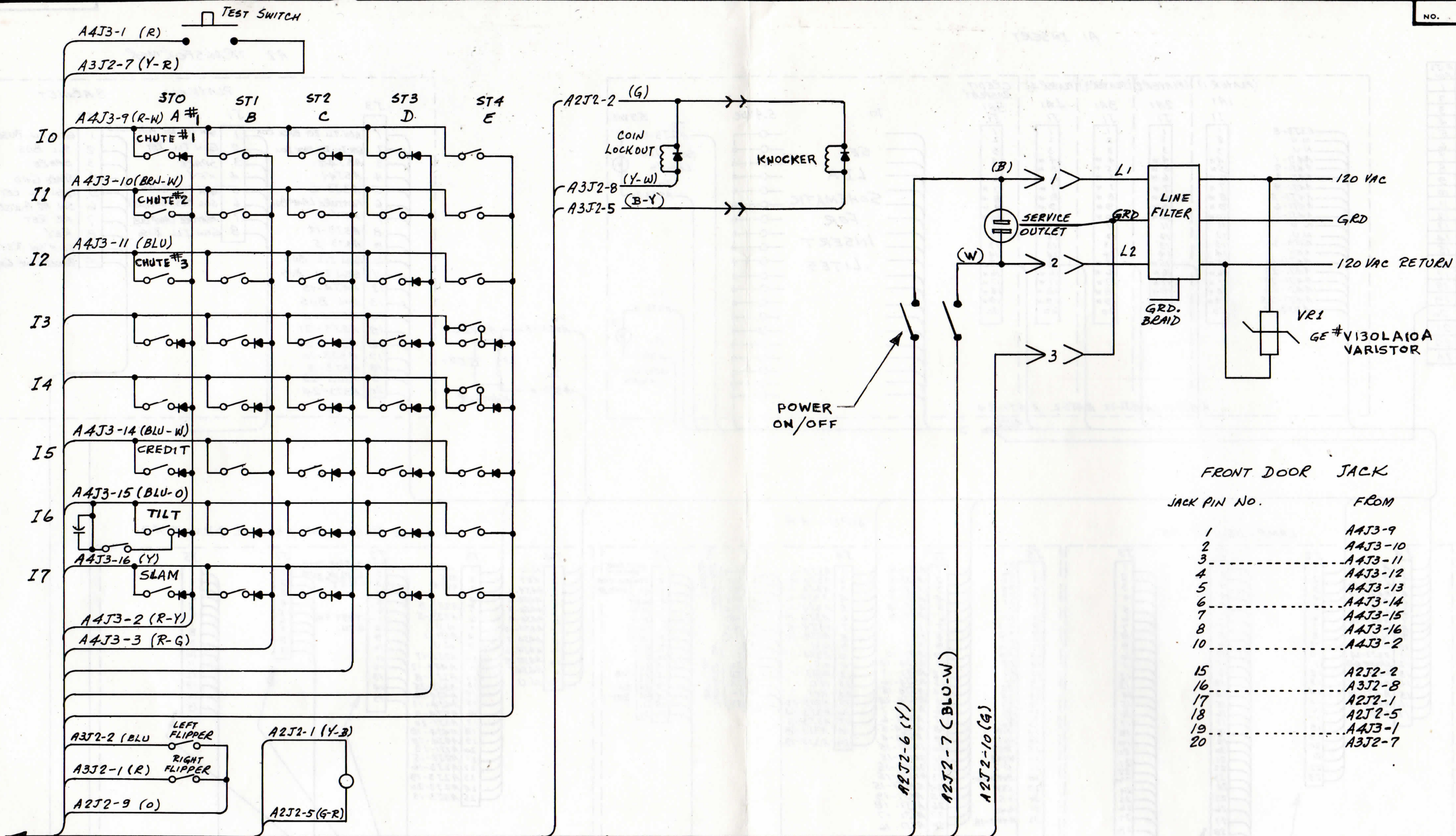
WIRING DIAGRAM

FOR SOLID STATE

DRN. <u>EW.</u>	DATE	AM'T <u>4</u>
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445	445	
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MAT	FIN.	APPR.
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N/U = NOT USED
ALL DIODES ARE IN-4004

SCALE: 1/8"

PART MUST BE FREE OF BURRS

Unless otherwise specified, all fractional dimensions carry tolerances of plus and minus .010: All decimal dimensions plus and minus .005. Exceptions: Drilled holes plus .003 minus .001. Die casting fractional plus and minus .005: Decimal plus and minus .003. Decimal dimensions on tools plus and minus .001. Angles $\pm 30^\circ$ unless otherwise specified.

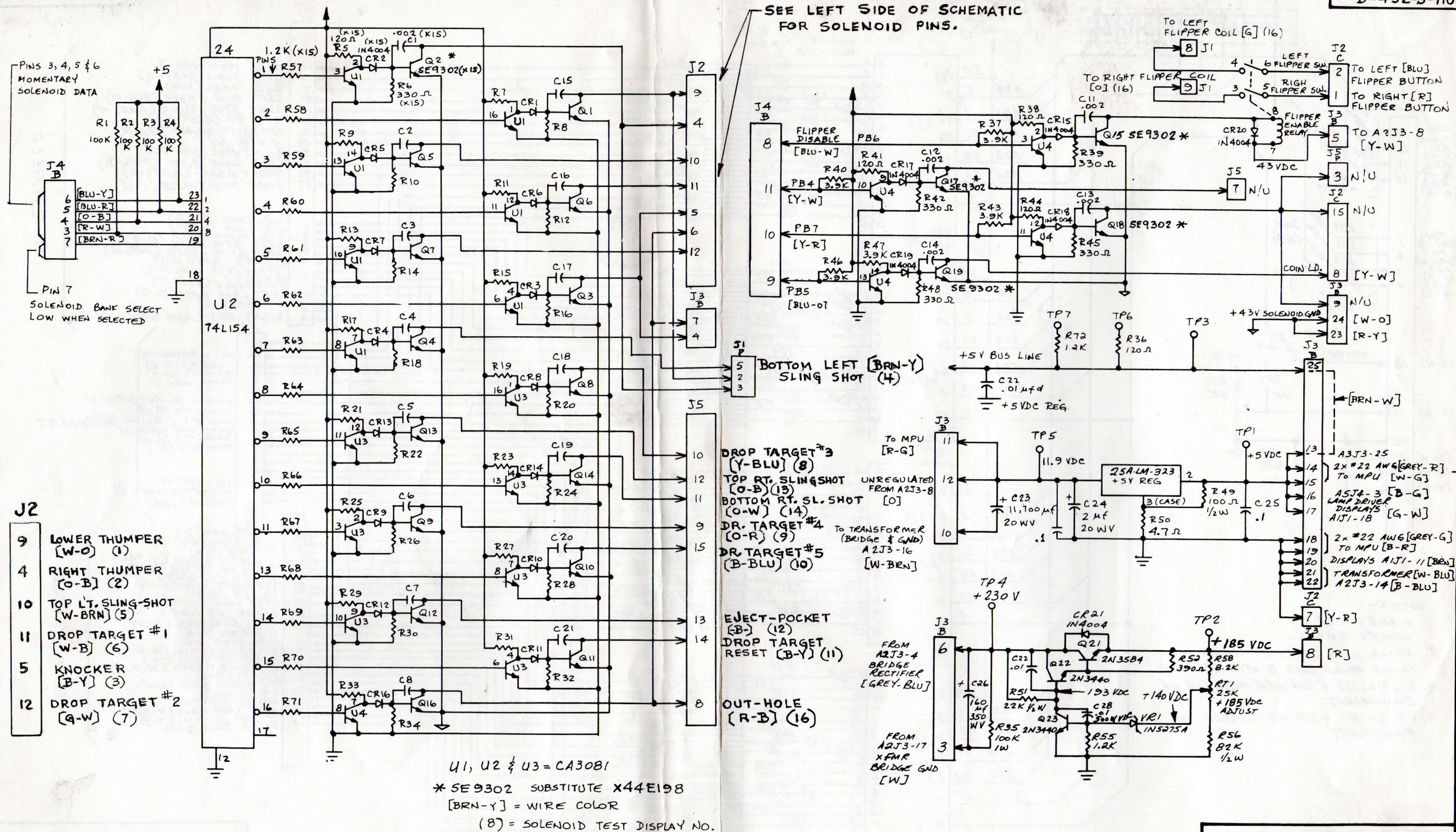
STERN ELECTRONICS INC.

1725 DIVERSEY BLVD. CHICAGO 60614

CABINET AND FRONT DOOR WIRING

FOR STANDARD

DRN. J.J.	DATE 2-6-79	AM'T
MAT	FIN.	APPR.



STERN ELECTRONICS INC.

1725 DIVERSEY BLVD. CHICAGO 60614

SOLENOID DRIVER

VOLTAGE REGULATOR SCHEMATIC

FOR TRIDENT, SOLID STATE

DDN <i>J.J.</i>	DATE	AMT <i>50</i>
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SRN: 100	DATE	AMT
100	100	100

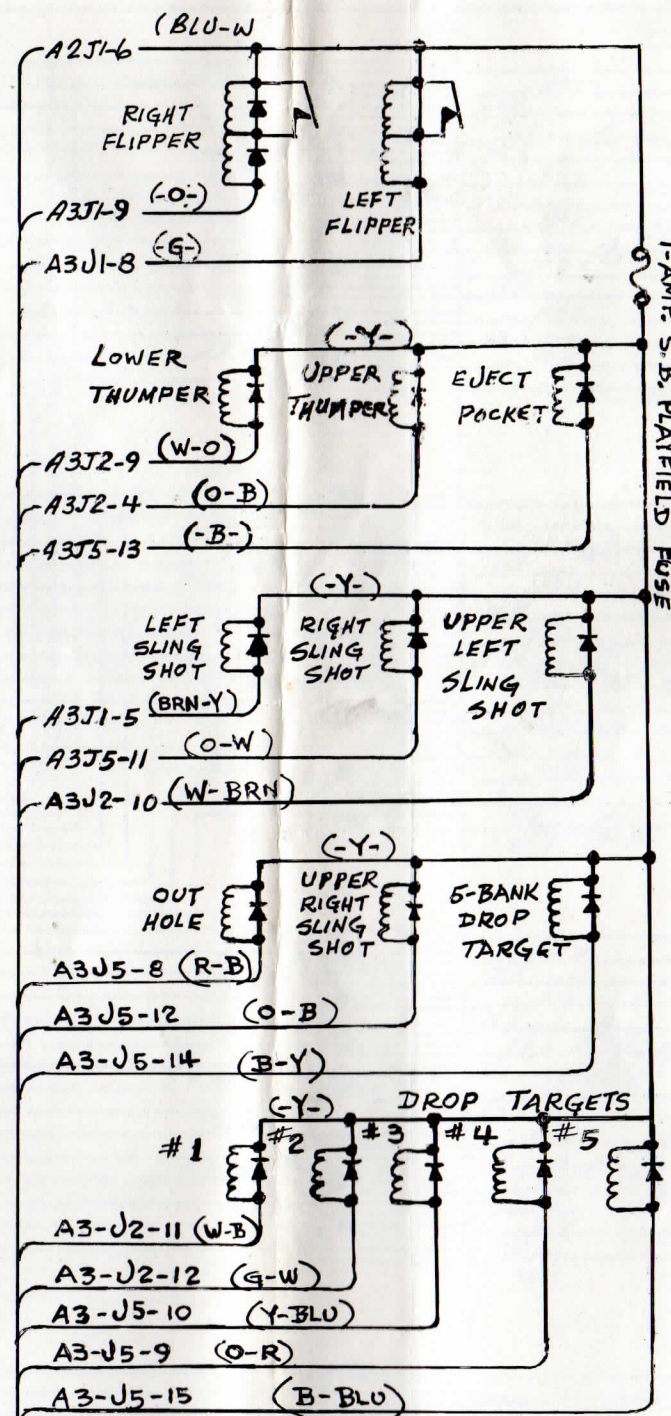
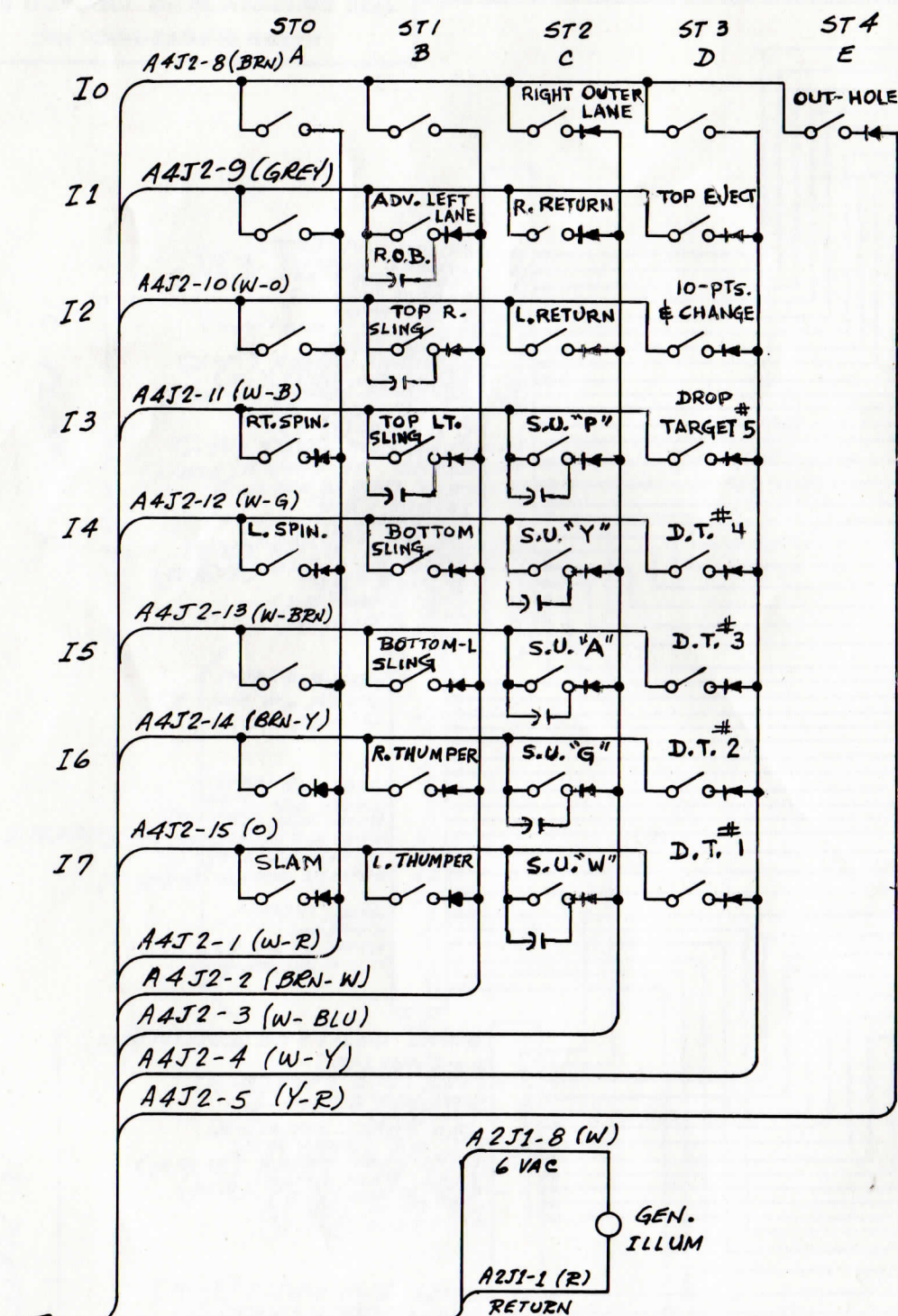
MAT	FIN.	APPR.
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SCALE:

PART MUST BE FREE OF BURRS

Unless otherwise specified, all fractional dimensions carry tolerances of plus and minus .010: All decimal dimensions plus and minus .005. Exceptions: Drilled holes plus .003 minus .001. Die casting fractional plus and minus .005: Decimal plus and minus .003. Decimal dimensions on tools plus and minus .001. Angles $\pm 30'$ unless otherwise specified.

ISSUE	CHANGE		DATE



PLAYFIELD

A5 J1

A5 J3

BRN-B 18	Collect Bonus 1,000	---	---	---
BLU-R 1	Collect Bonus 2,000	---	---	---
	Collect Bonus 3,000	---	26-B	---
	Collect Bonus 4,000	---	1	G-R
GREY-G 19	Collect Bonus 5,000	---	---	---
GREY 9	Collect Bonus 6,000	---	---	---
	Collect Bonus 7,000	---	25	R-Y
	Collect Bonus 8,000	---	12	O-R
PUR. 17	Collect Bonus 9,000	---	---	---
G-B 8	Collect Bonus 10,000	---	---	---
	Double	---	10	GREY-R
	DT# 1	---	3	R-G
	DT# 2	---	23	W-GREY
GREY-BLU 10	DT# 3	---	---	---
GREY-Y 15	DT# 4	---	---	---
	DT# 5	---	19	B-R
	EXTRA BALL	---	14	B-W
	LEFT LANE 2,000	---	18	R-BLU
	LEFT LANE 4,000	---	20	BRN-O
B-O 11	LEFT LANE 6,000	---	---	---
PUR-B 25	LEFT LANE 8,000	---	---	---
BLU-W 23	LEFT SPIN AMBER	---	---	---
	LEFT SPIN PURPLE	---	24	W-Y
R-G 3	LEFT SPIN WHITE	---	---	---
BLU-O 5	QUADRUPLE	---	---	---
BRN-BLU-24	QUINTUPLE	---	---	---
W-Y 12	RIGHT OUTLANE SPECIAL	---	---	---
PUR-W 2	RIGHT SPIN GREEN	---	---	---
Y-W 27	RIGHT SPIN PURPLE	---	---	---
GREY-O-14	RIGHT SPIN YELLOW	---	---	---
GREY-R-26	SHOOT AGAIN	---	---	---
	SU AMBER	---	17	Y-BLU
	SU GREEN	---	9	W-R
	SU PURPLE	---	22	PUR-Y
	SU SPECIAL	---	15	W-BLU
	SU WHITE	---	11	W
	SU YELLOW	---	16	R-B
	TARGET SPECIAL	---	13	Y-B
	TOP EJECT 5,000	---	4	R-W
	TOP EJECT 10,000	---	27	O-W
Y-G 7	TOP EJECT 20,000	---	---	---
BRN-R-16	TOP EJECT 30,000	---	---	---
	TRIPLE	---	21	B-G
	2X	---	2	G-BLU
GREY-W13	3X	---	---	---
B-Y 6	4X	---	---	---
BLU-Y 28	5X	---	---	---

A2 J1-7 (BLU) FEATURE LAMP BUS

N/U = NOT USED

ALL DIODES ARE IN-4004.

ROB = ROLL-OVER BUTTON.

DT = DROP TARGET

SU = STAND-UP TARGET

SCALE: 1/4"

PART MUST BE FREE OF BURRS

Unless otherwise specified, all fractional dimensions carry tolerances of plus and minus .010: All decimal dimensions plus and minus .005. Exceptions: Drilled holes plus .003 minus .001. Die casting fractional plus and minus .005: Decimal plus and minus .003. Decimal dimensions on tools plus and minus .001. Angles $\pm 30^\circ$ unless otherwise specified.

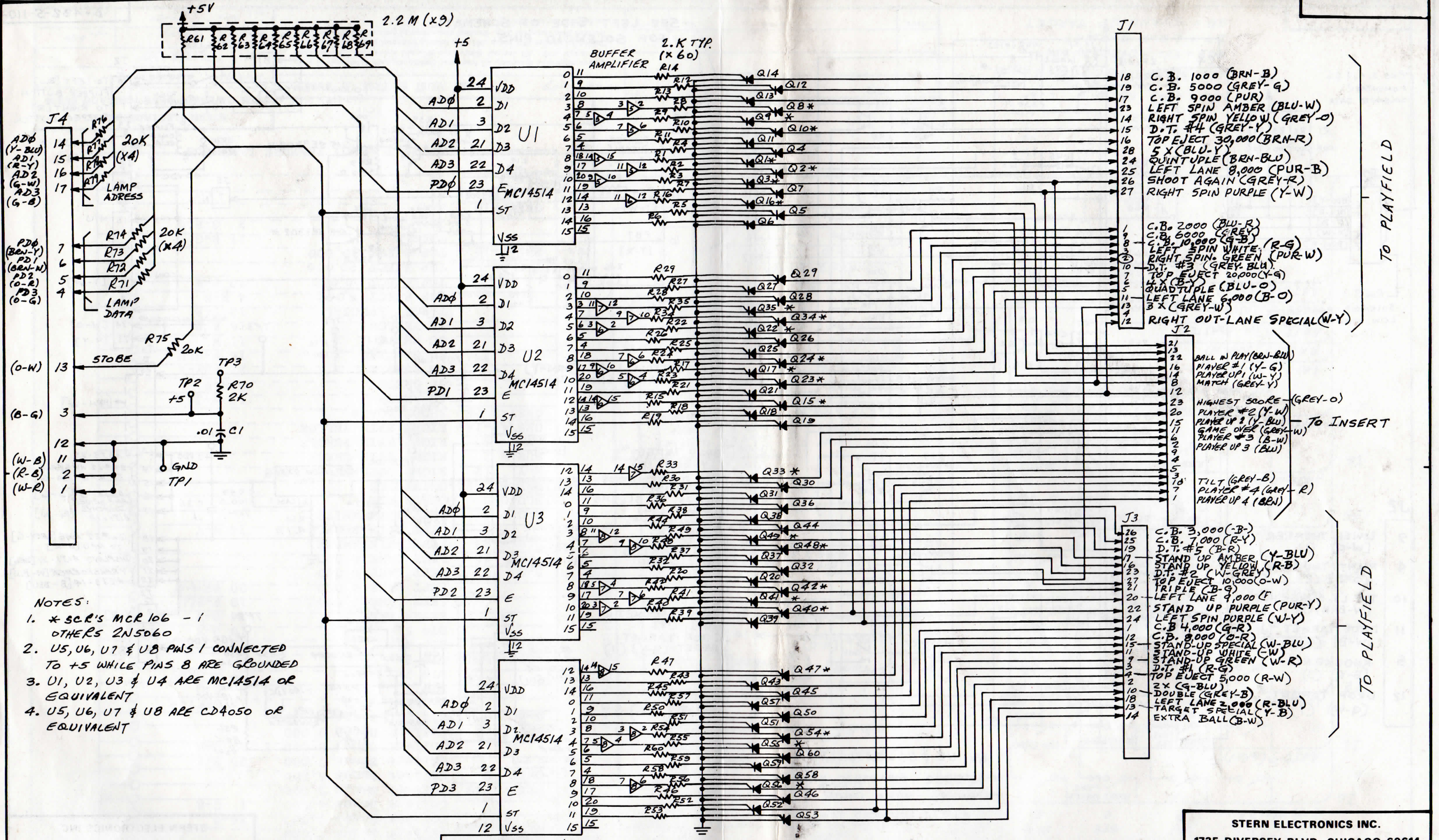
STERN ELECTRONICS INC.

1725 DIVERSEY BLVD. CHICAGO 60614

WIRING DIAGRAM

FOR TRIDENT

DRN. J.T.	DATE	AM'T
MAT	FIN.	APPR.



- NOTES:
1. * SCR'S MCR 106 - 1
OTHERS 2N5060
 2. U5, U6, U7 & U8 PINS 1 CONNECTED
TO +5 WHILE PINS 8 ARE GROUNDED
 3. U1, U2, U3 & U4 ARE MC14514 OR
EQUIVALENT
 4. U5, U6, U7 & U8 ARE CD4050 OR
EQUIVALENT

ISSUE	CHANGE	DATE

SCALE:

PART MUST BE FREE OF BURRS

Unless otherwise specified, all fractional dimensions carry tolerances of plus and minus .010: All decimal dimensions plus and minus .005. Exceptions: Drilled holes plus .003 minus .001. Die casting fractional plus and minus .005: Decimal plus and minus .003. Decimal dimensions on tools plus and minus .001. Angles $\pm 30^\circ$ unless otherwise specified.

STERN ELECTRONICS INC.		
1725 DIVERSEY BLVD. CHICAGO 60614		
LAMP DRIVER SCHEMATIC		
FOR TRIDENT - SOLID STATE		
DRN. C.W.	DATE 2-6-79	AM'T C.W.
MAT C.W.	FIN. C.W.	APPR. C.W.