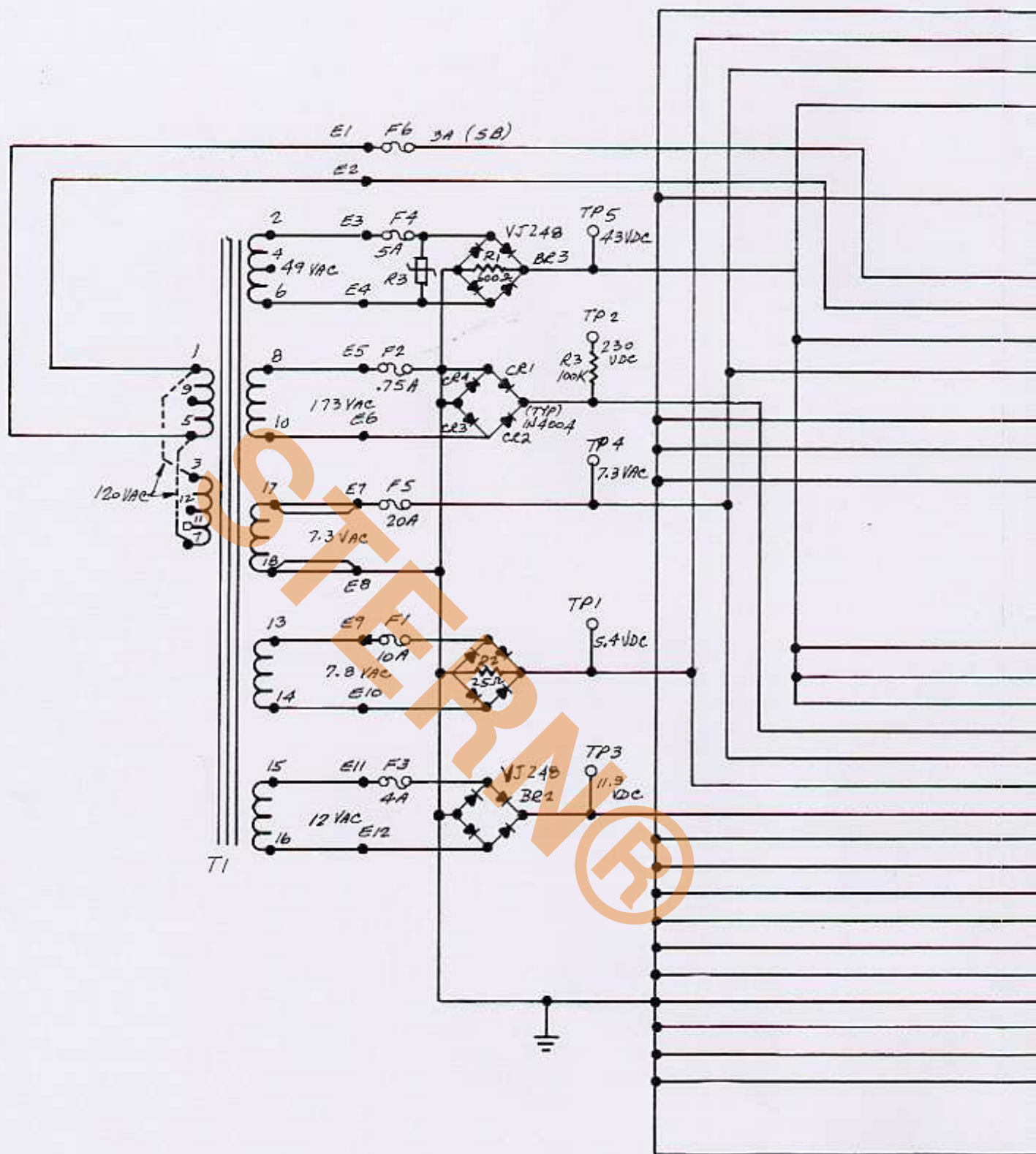
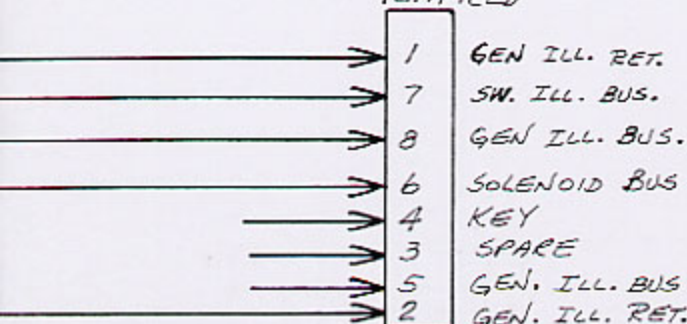
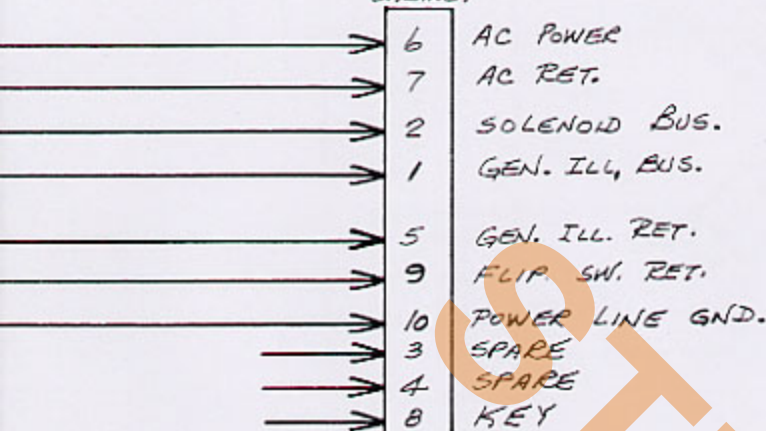
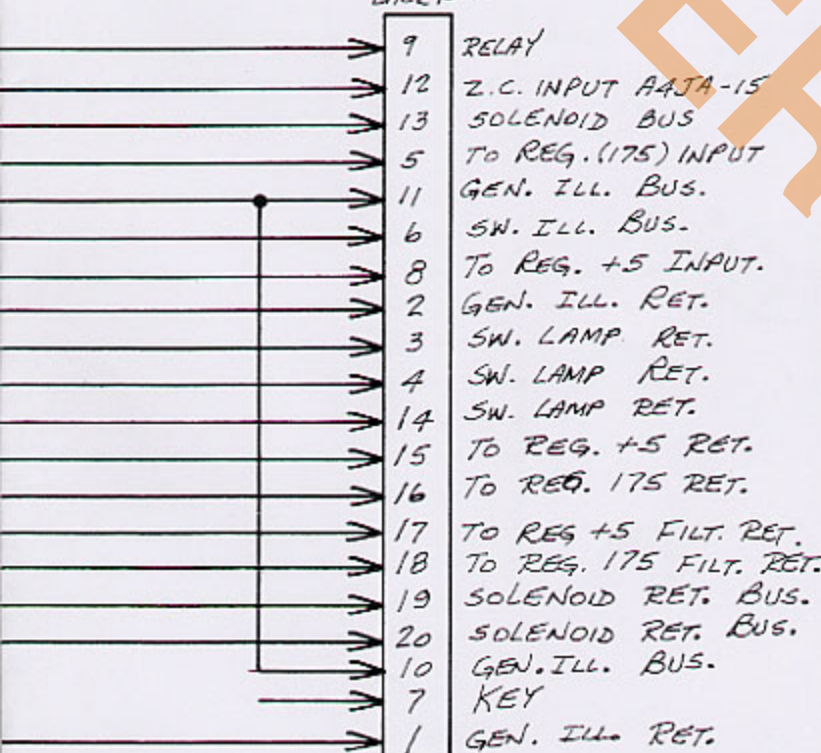




ISSUE	CHANGE

J1
PLAYFIELDJ2
CABINETJ3
BACK BOX

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

SCALE: *40*

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.

DATE

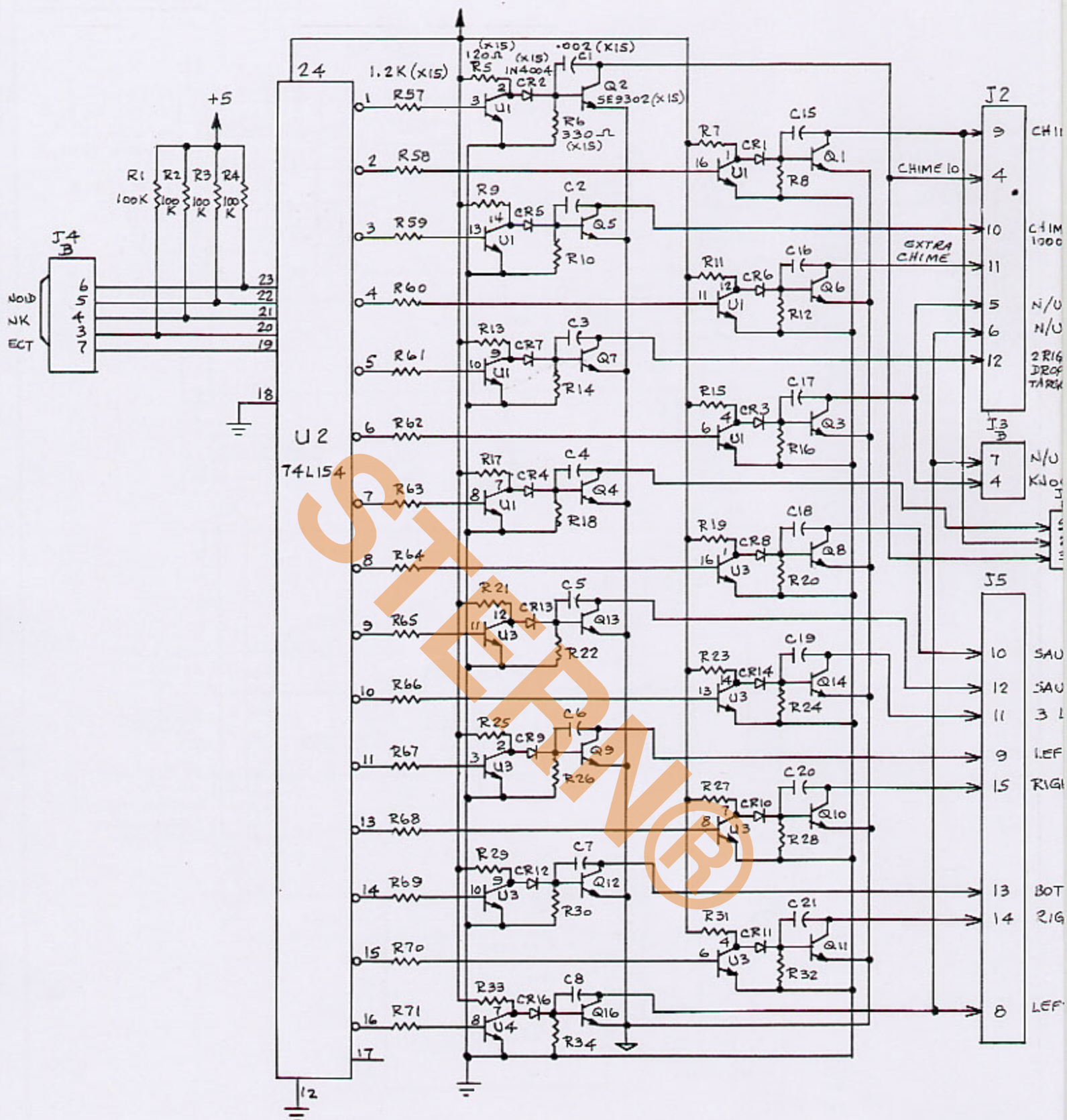
STERN ELECTRONICS INC.

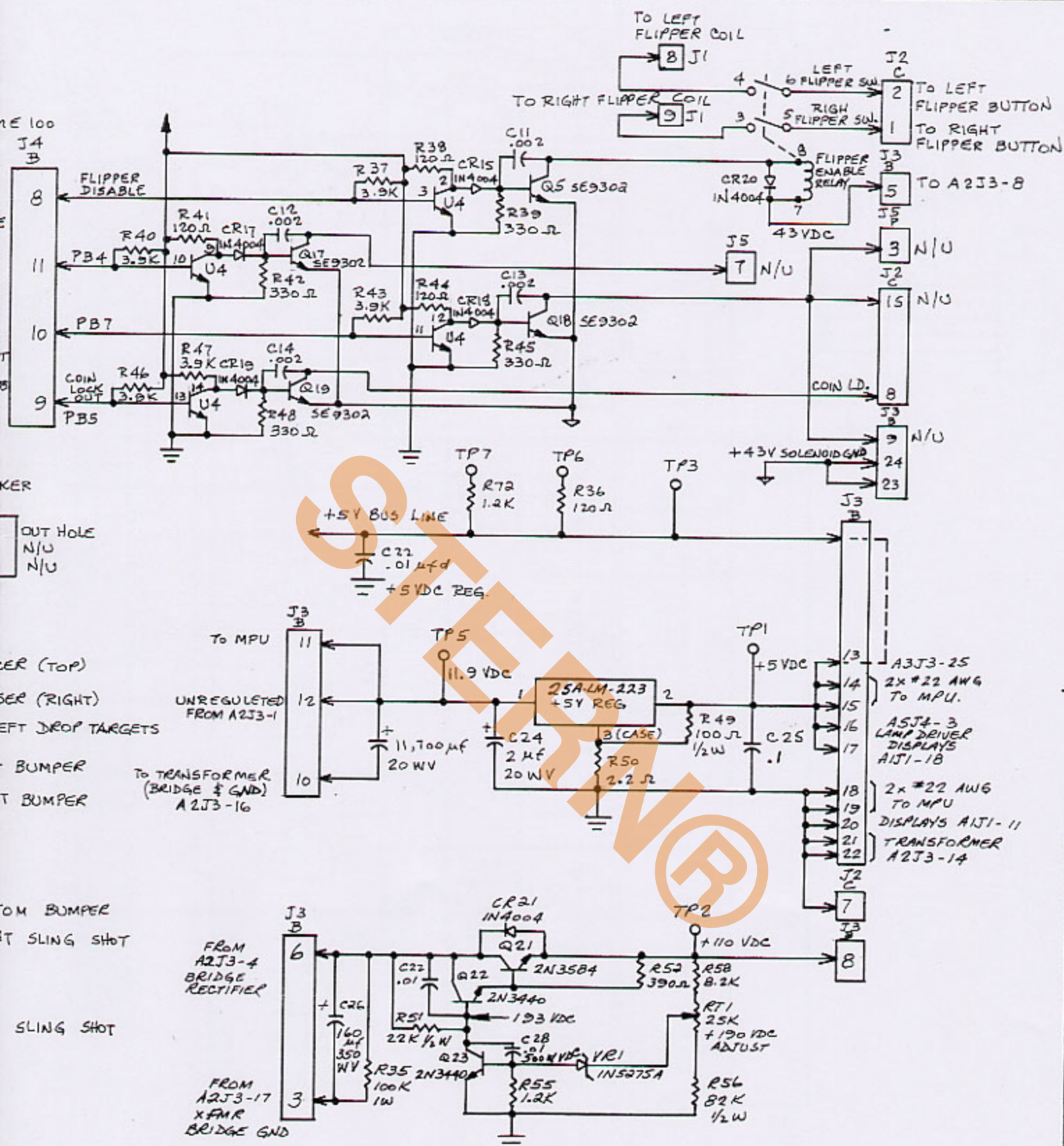
1725 DIVERSEY BLVD. CHICAGO 60614

POWER TRANSFORMER MODULE SCHEMATIC

FOR PINBALL SOLID STATE

DRN. J.J. DATE 9-20-77 AM'T *40*MAT *40* FIN. *40* APPR.





SCALE:

PART MUST BE FREE OF BURRS

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DATE

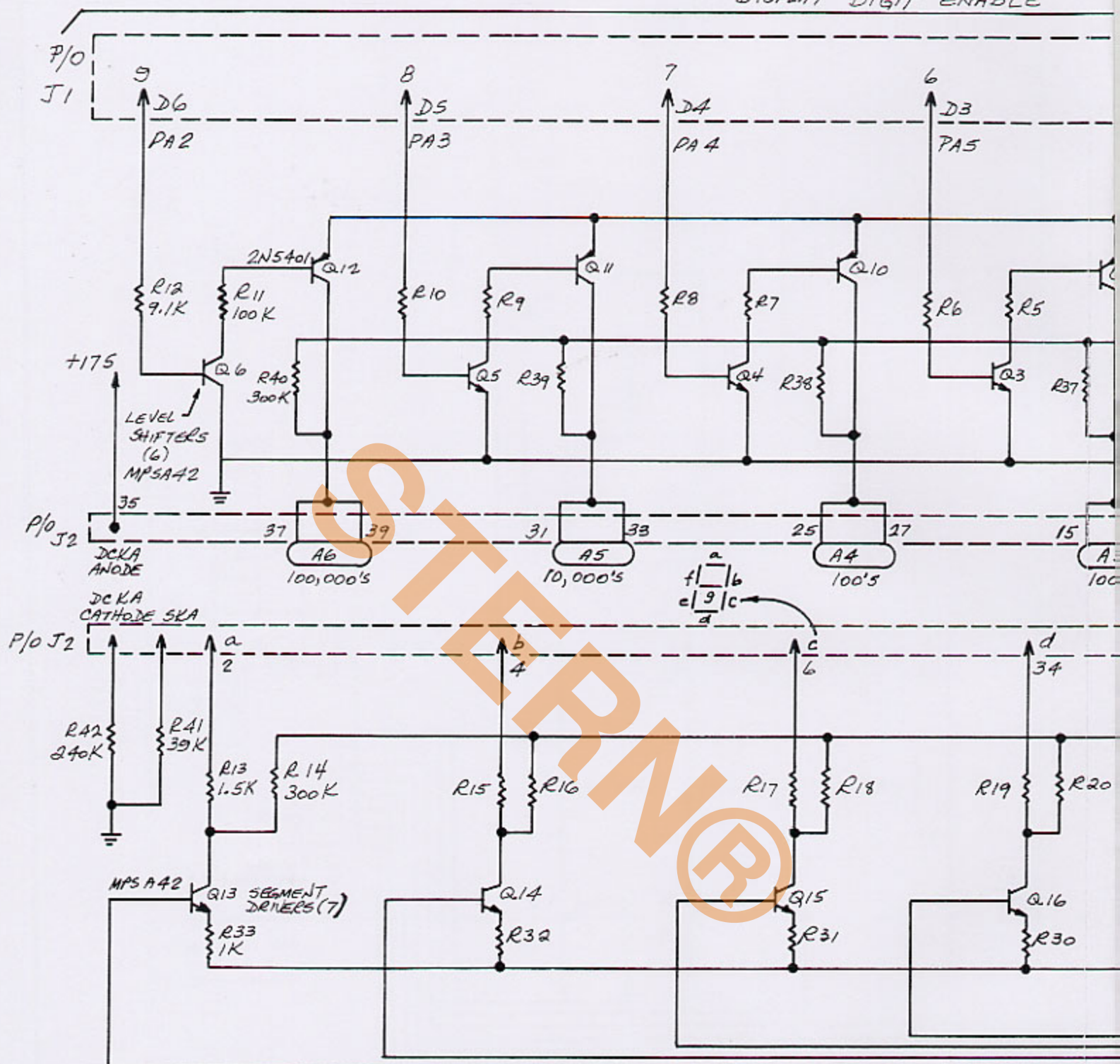
STERN ELECTRONICS INC.

1725 DIVERSEY BLVD. CHICAGO 60614

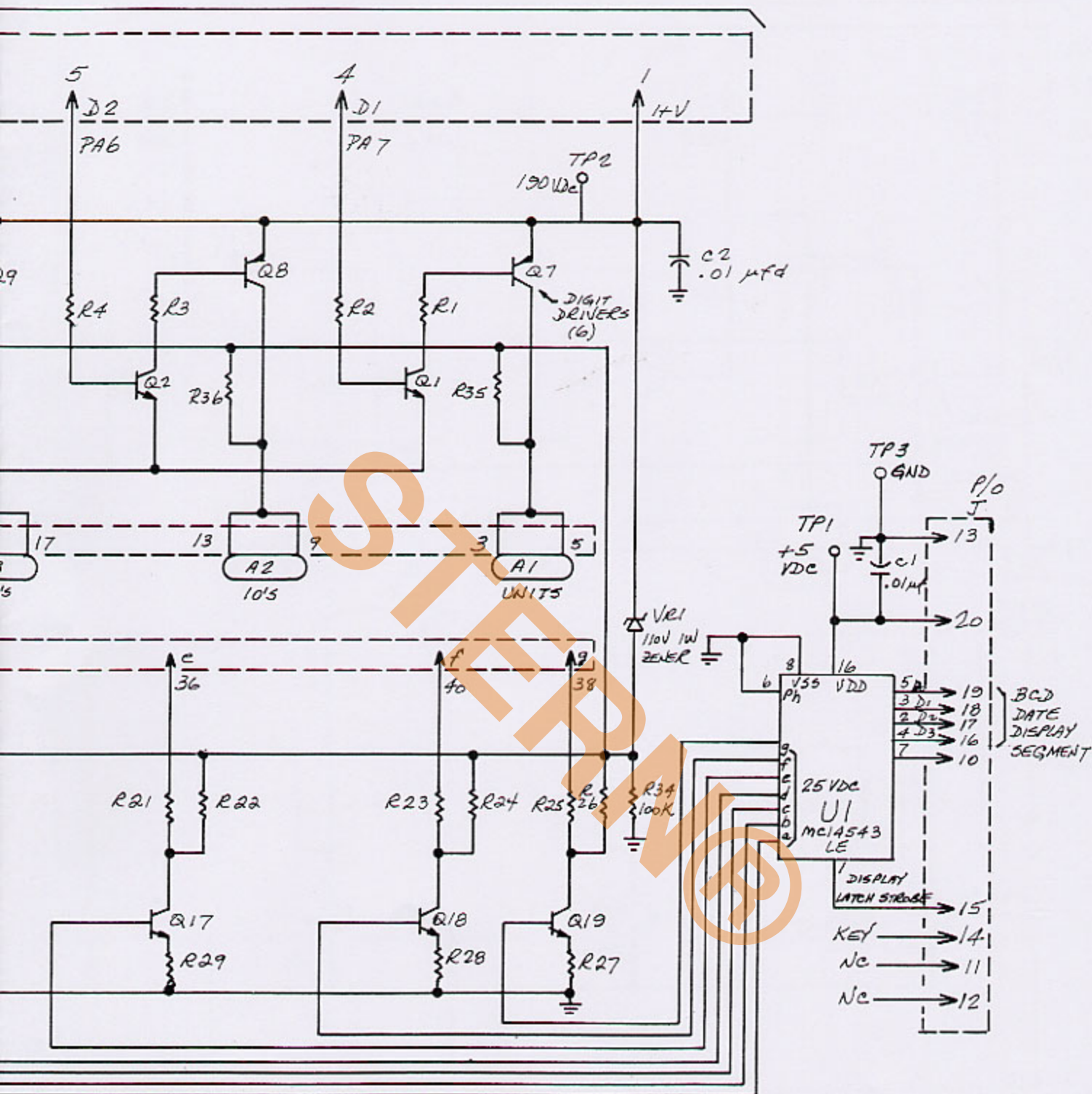
SOLENOID DRIVER
VOLTAGE REGULATOR SCHEMATIC
FOR PIN BALL SOLID STATE

DRN. J.T. DATE 9-20-77 AM'T

MAT FIN. APPR.



ISSUE	CHANGE



SCALE: L47

PART MUST BE FREE OF BURRS

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DATE

STERN ELECTRONICS INC.

1725 DIVERSEY BLVD. CHICAGO 60614

DISPLAY BOARD SCHEMATIC

PINBALL SOLID STATE

FOR

DRN. J.J.

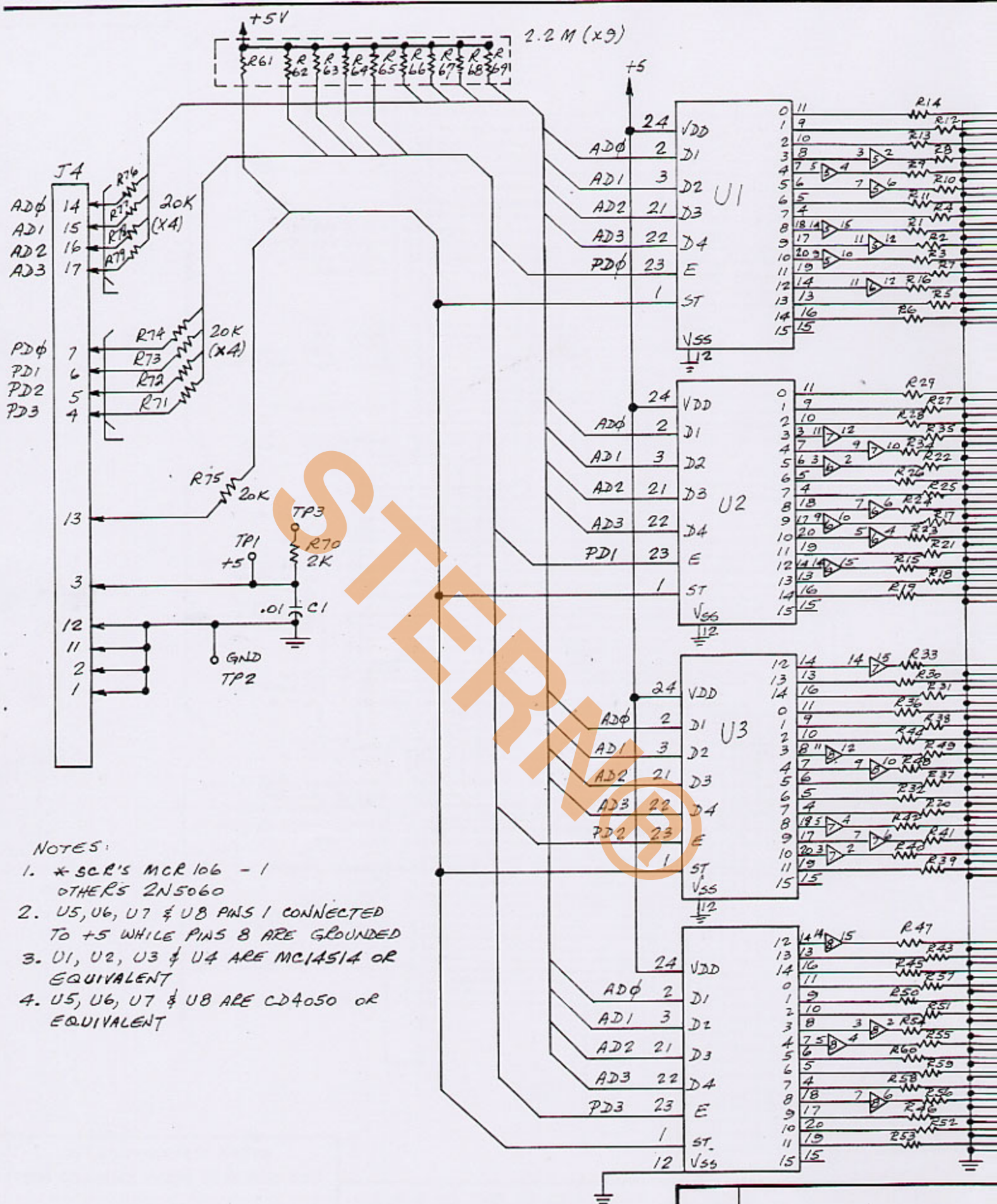
DATE 9-20-77

AM'T L47

MAT

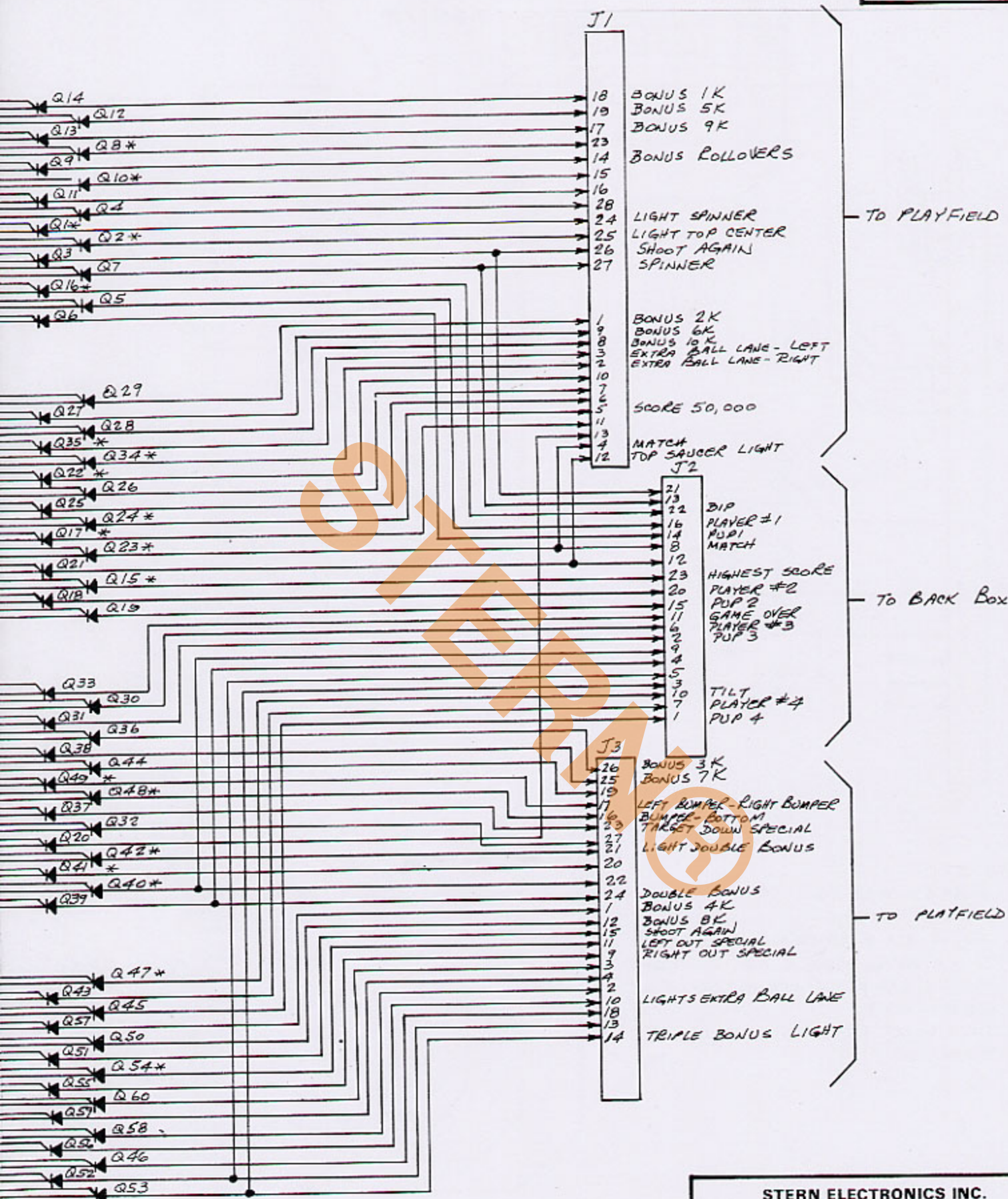
FIN. L47

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

SCALE: $\frac{1}{8}$ "

PART MUST BE FREE OF BURRS

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STERN ELECTRONICS INC.

1725 DIVERSEY BLVD. CHICAGO 60614

LAMP DRIVER SCHEMATIC

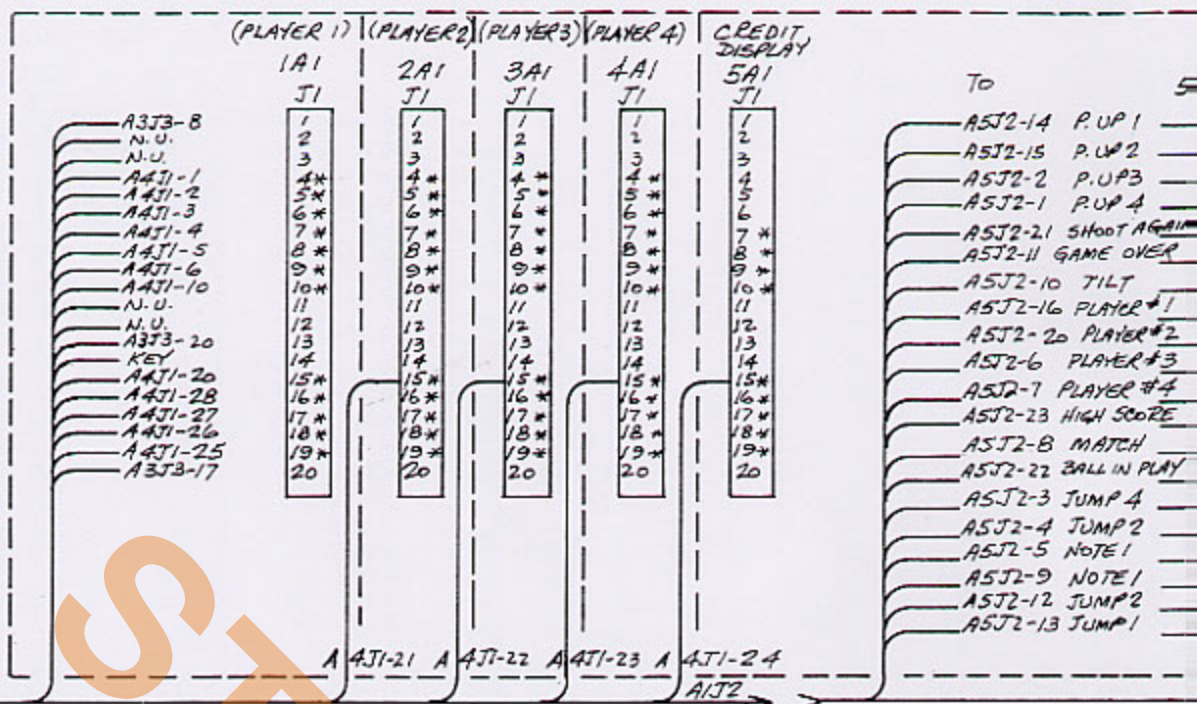
FOR PINBALL SOLID STATE

DRN. C.W. DATE 9-21-77 AM'T C.W.

MAT. C.W. FIN. C.W. APPR.

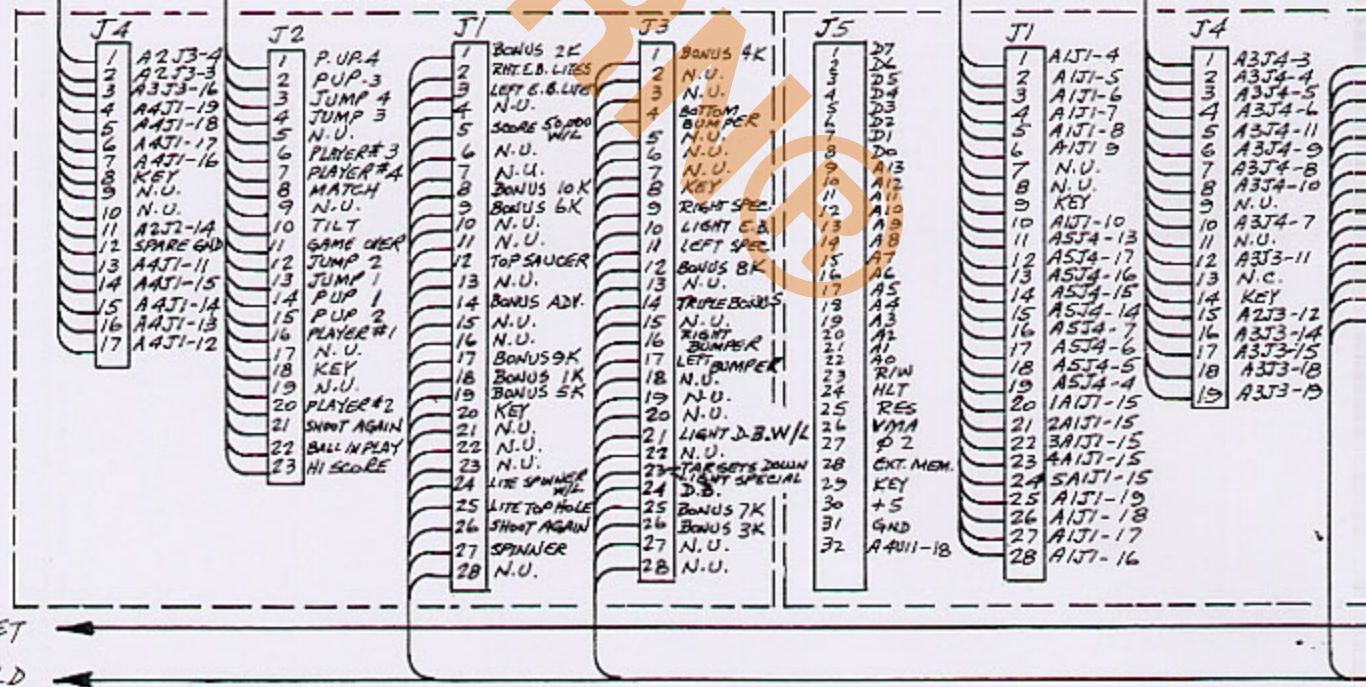
AI INSERT

FROM	AIJ2 PIN
ASJ3-6	1
ASJ2-18	2
A2J3-2	3
A2J3-11	4
ASJ2-23	5
ASJ2-15	6
ASJ2-22	7
ASJ2-8	8
ASJ2-1	9
ASJ2-2	10
ASJ2-11	11
ASJ2-21	12
ASJ2-10	13
ASJ2-7	14
ASJ2-6	15
ASJ2-20	16
ASJ2-16	17
A2J3-10	18
A2J3-1	19
ASJ2-13	20
ASJ2-12	21
ASJ2-4	22
ASJ2-3	23

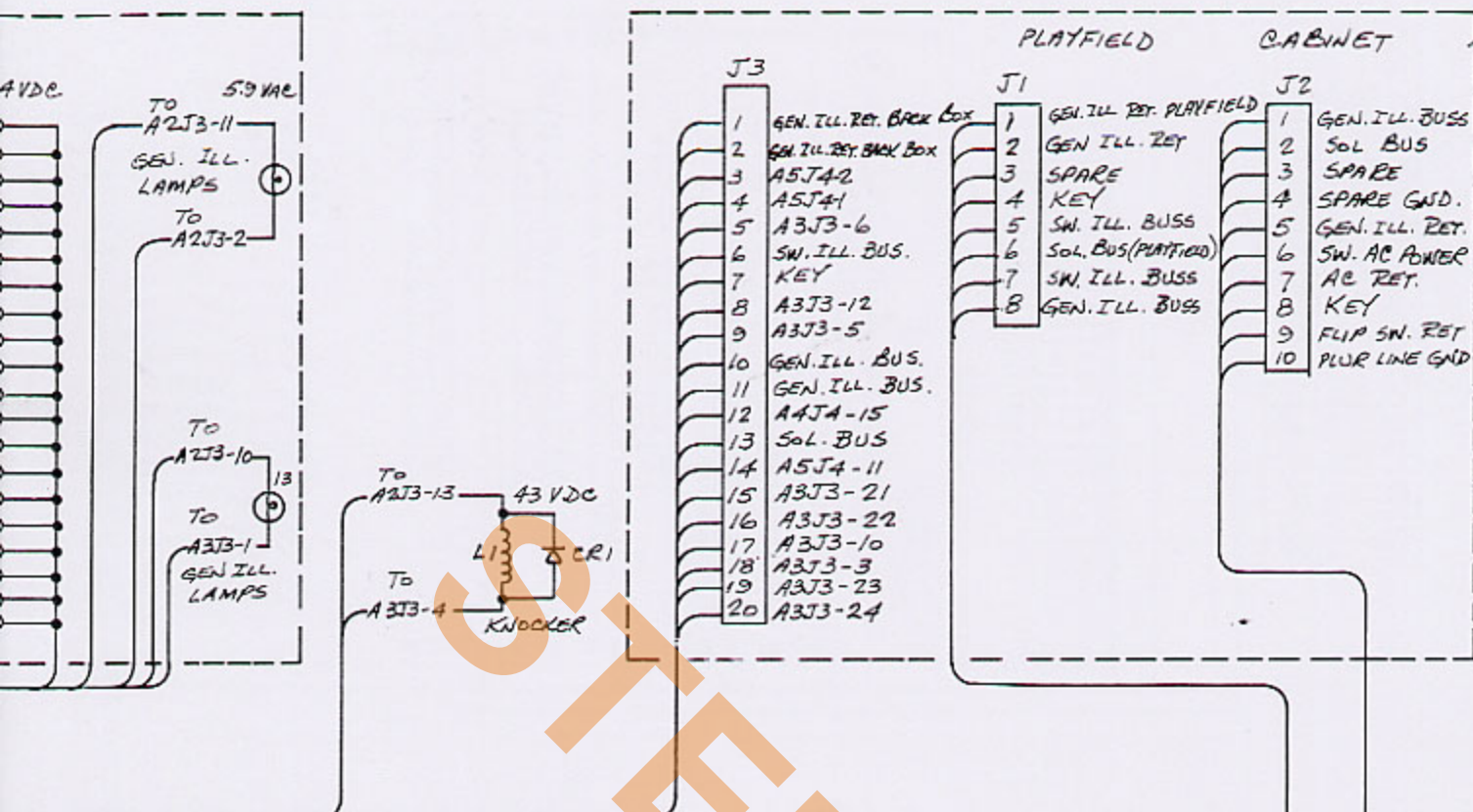


LAMP DRIVER A5

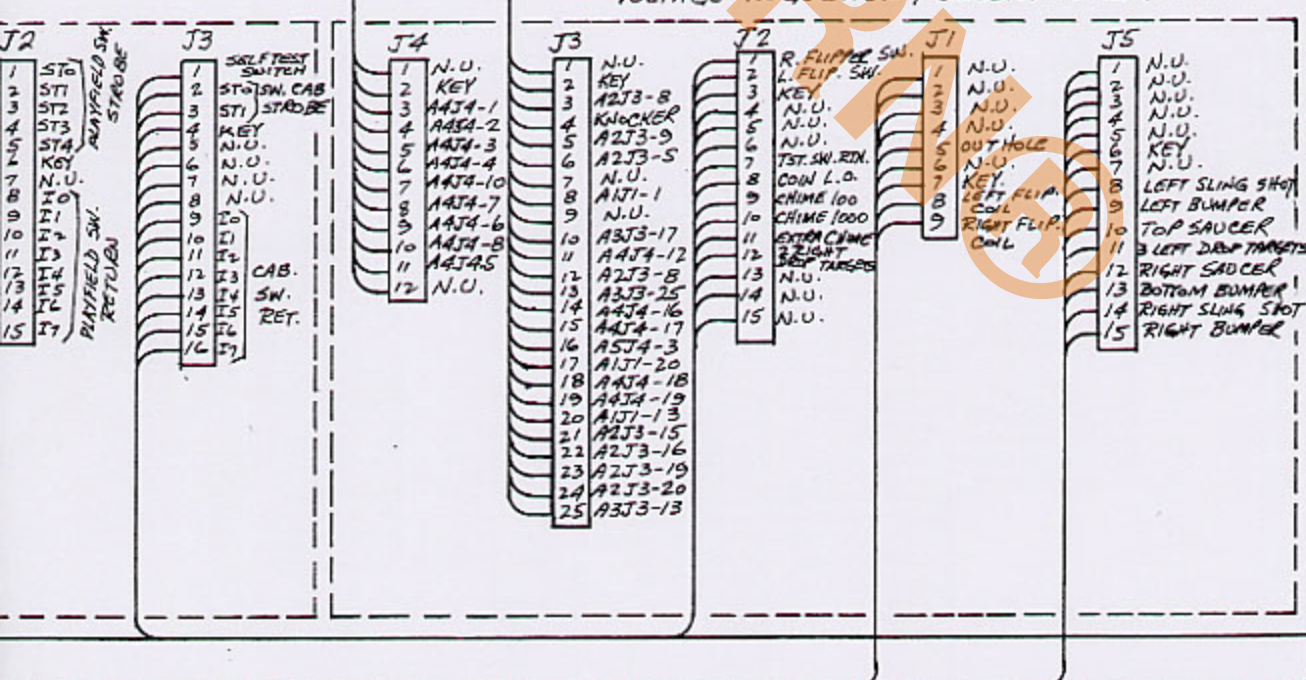
MPU - A4



A2 TRANSFORMER



VOLTAGE REGULATOR / SOLEN. DRIVER A3



SHEET 1 OF 3 SHEET

STERN ELECTRONICS INC.

1725 DIVERSEY BLVD. CHICAGO 60614

WIRING DIAGRAM

FOR PINBALL SOLID STATE

DRN. J.J. DATE 9-21-77 AM'T

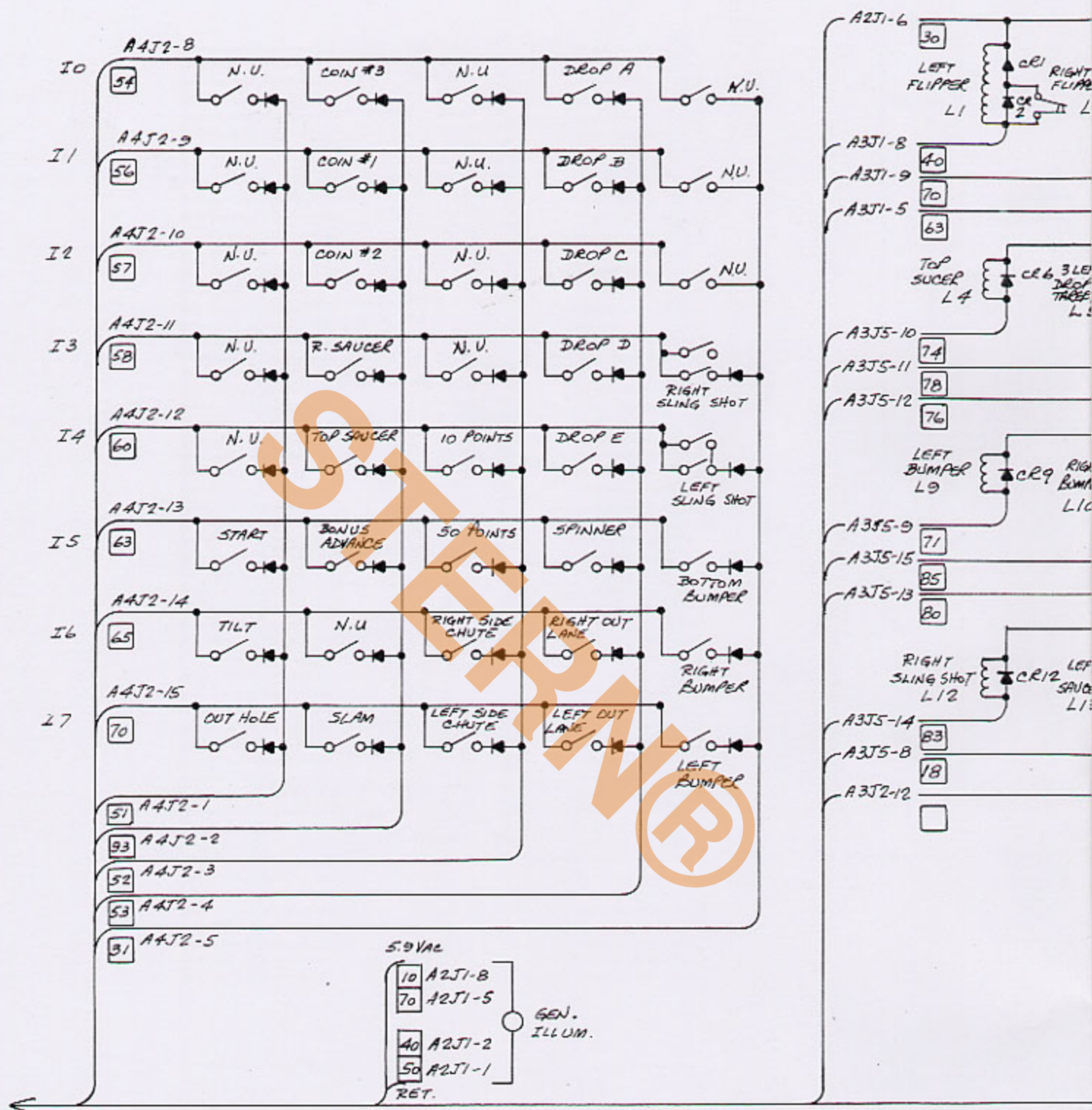
MAT L47 FIN. L47 APPR.

SCALE: L47

PART MUST BE FREE OF BURRS

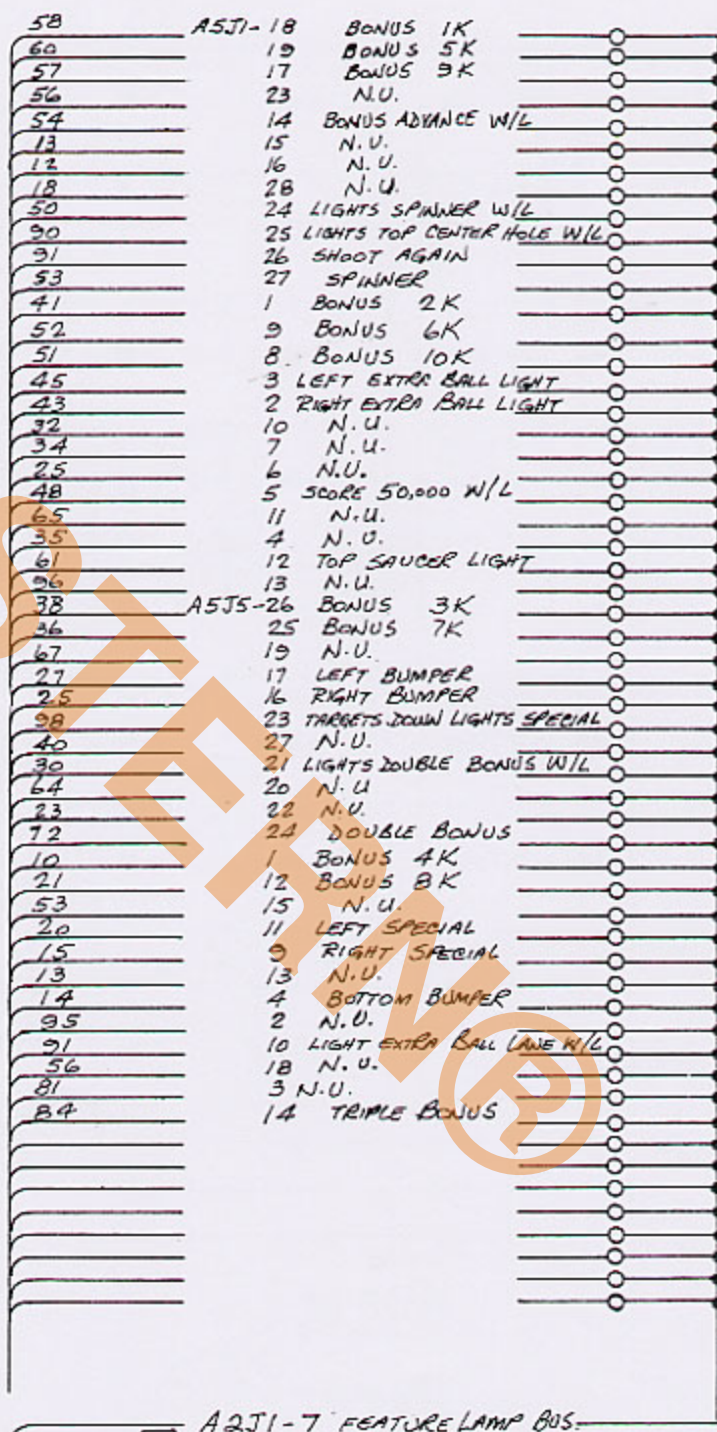
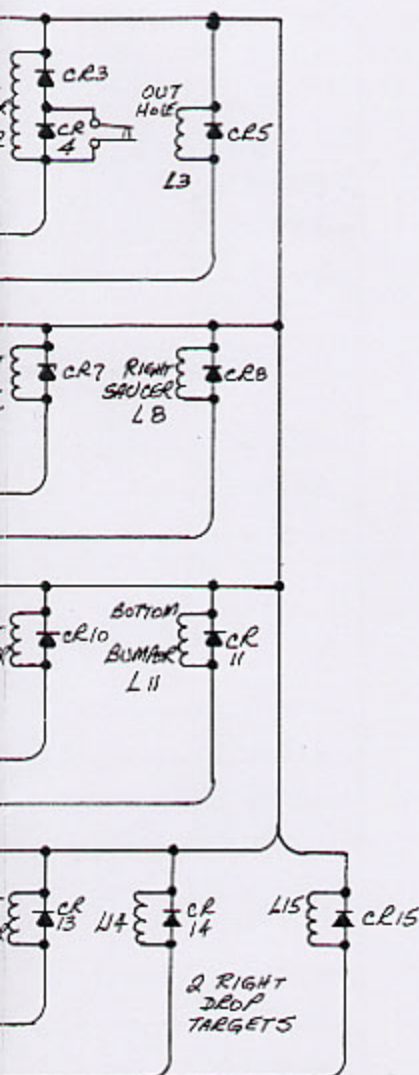
Unless otherwise specified, all fractional dimensions carry tolerances of plus and minus .010: All decimal dimensions plus and minus .005. Exceptions: Drilled holes plus .003 minus .001. Die casting fractional plus and minus .005: Decimal plus and minus .003. Decimal dimensions on tools plus and minus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

DATE



PLAYFIELD

ISSUE	CHANGE



20

A2J1-7 FEATURE LAMP BUS.

SHEET 2 OF 3 SHEETS

STERN ELECTRONICS INC.
1725 DIVERSEY BLVD. CHICAGO 60614

WIRING DIAGRAM
FOR PINBALL SOLID STATE

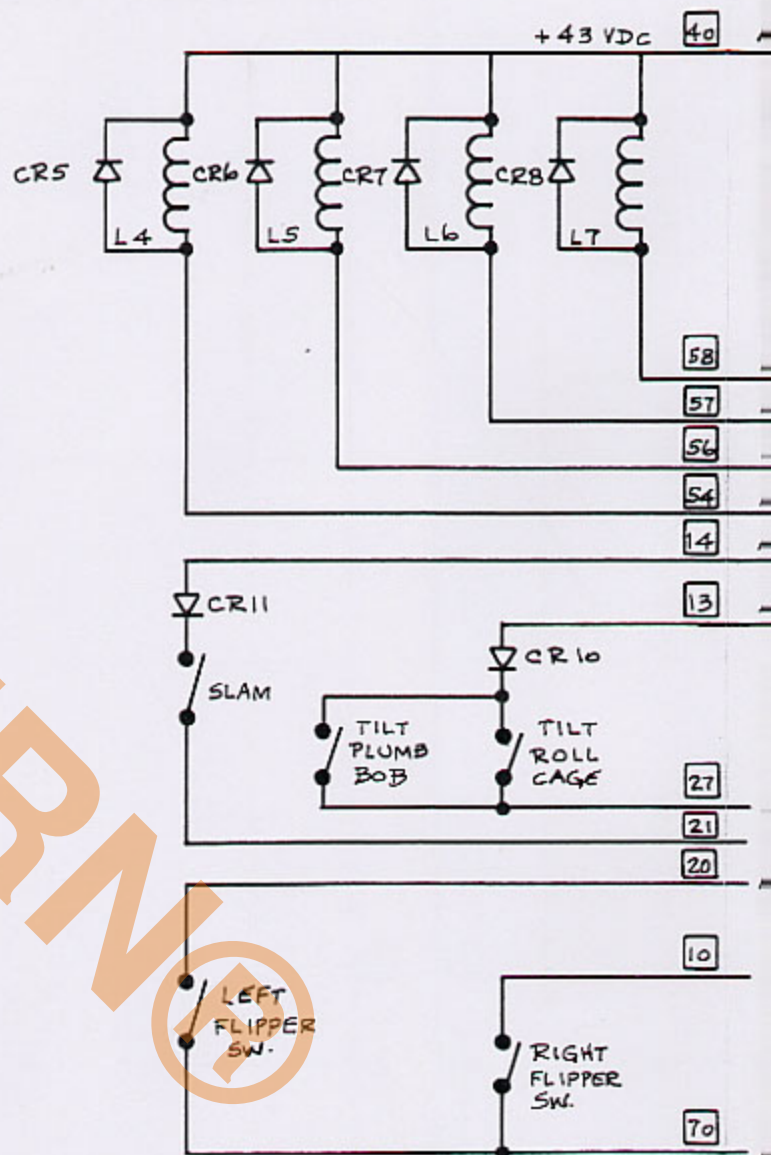
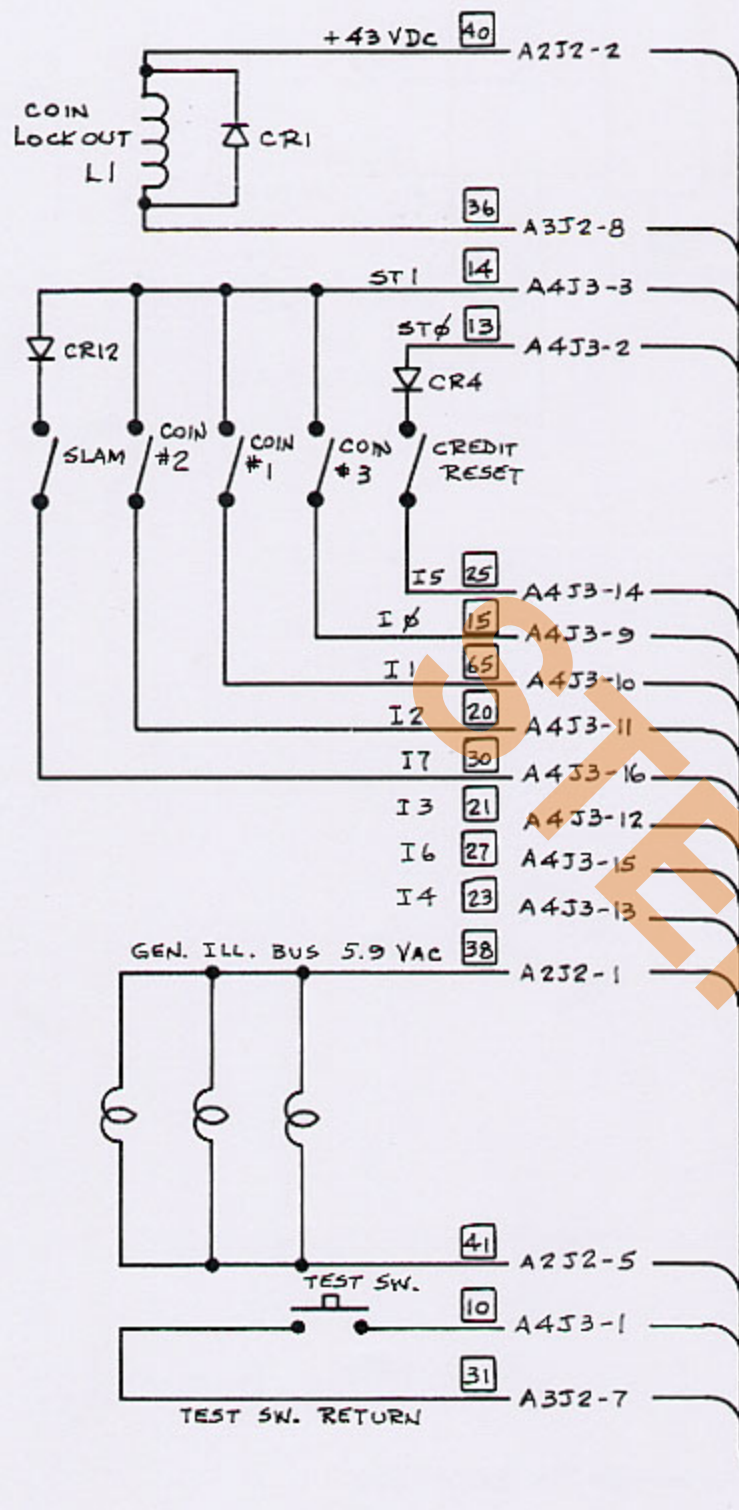
DRN. J.T.	DATE 9-20-77	AM'T LUT
MAT LUT	FIN. LUT	APPR.

SCALE: LUT

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.

DATE



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

POWER

ISSUE	CHANGE

2J2-2

3J2-4

3J2-9

3J2-10

2J3-11

4J3-3

4J3-2

4J3-15

4J3-16

3J2-2

3J3-1

2J2-9

A2J2-6 30

A2J2-7 50

A2J2-10 40

POWER
ON/OFFSERVICE
OUTLET

FL1

L1

GRD

L2

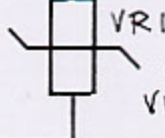
GRD
BR-AID

120 VAC

GRD

120 VAC

RETURN



VR1

GE
V130ZA15

To BACK BOX

SHEET 3 OF 3 SHEETS

STERN ELECTRONICS INC.

1725 DIVERSEY BLVD. CHICAGO 60614

WIRING DIAGRAM

FOR PINBALL SOLID STATE

DRN. J.J. DATE 9-20-70 AM'T WJ

MAT WJ FIN. WJ APPR.

SCALE: 1/4"

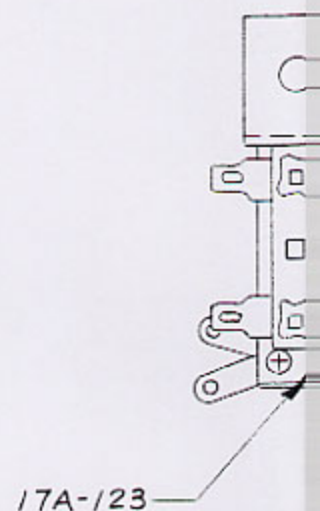
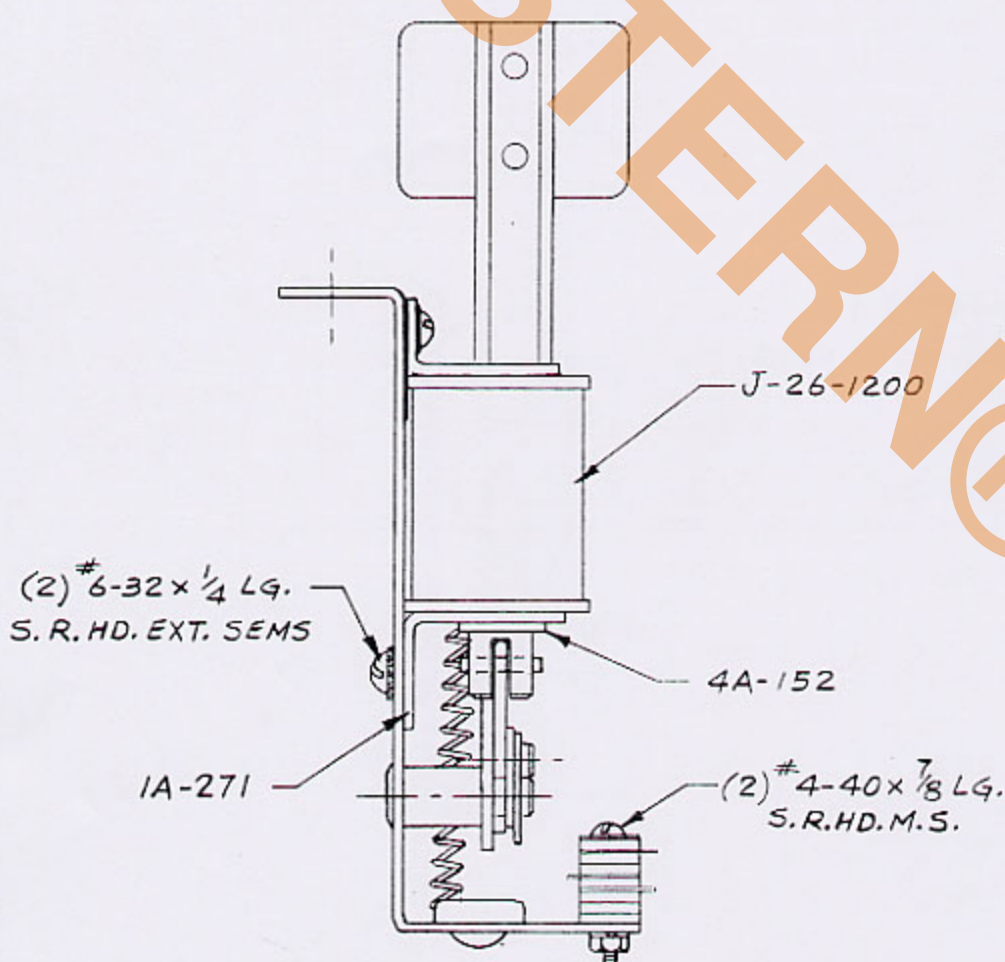
PART MUST BE FREE OF BURRS

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DATE

COMPLETE DROP TARGET ASS'Y

C-387-3

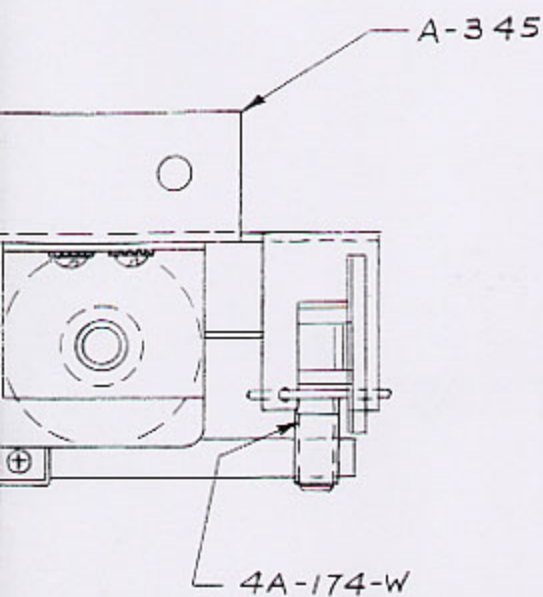


A-186

IA-568

A-379

SW-466



32 X 1/4 LG.
HD. EXT. SEMS

