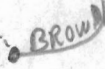


J6

pin

1 = Red (diode D3) 

5 = Brown = where D3 goes 

7 = Yellow (to White WH on trace) - INDEX

8 = Orn. to Pin 13 of K13

6 = White to Pin 11 of K2

3 = Blue to Pin 11 of K3

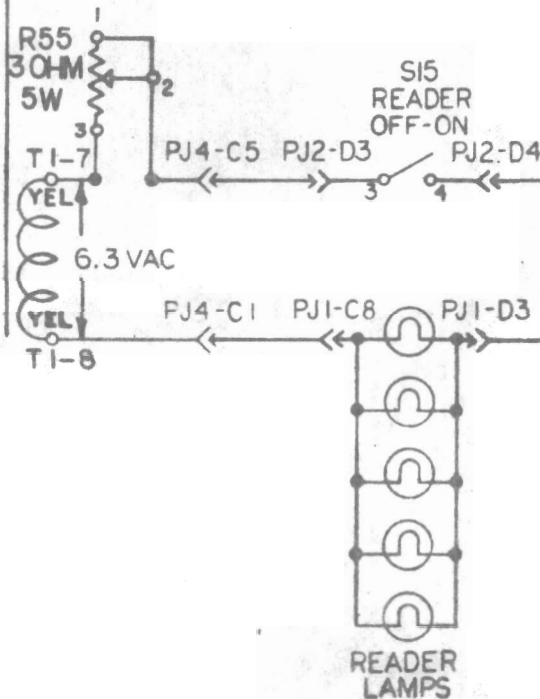
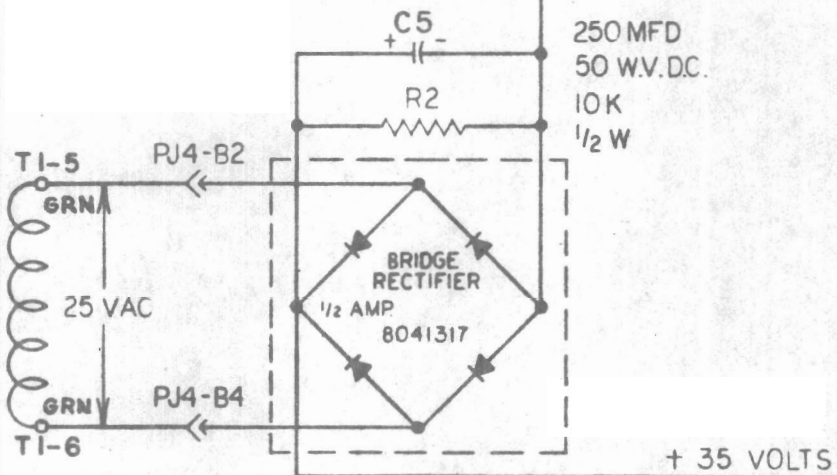
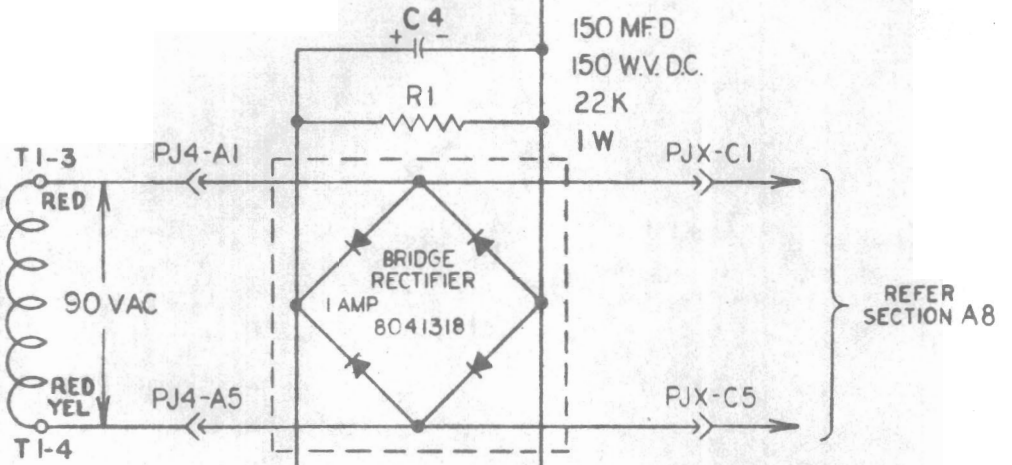
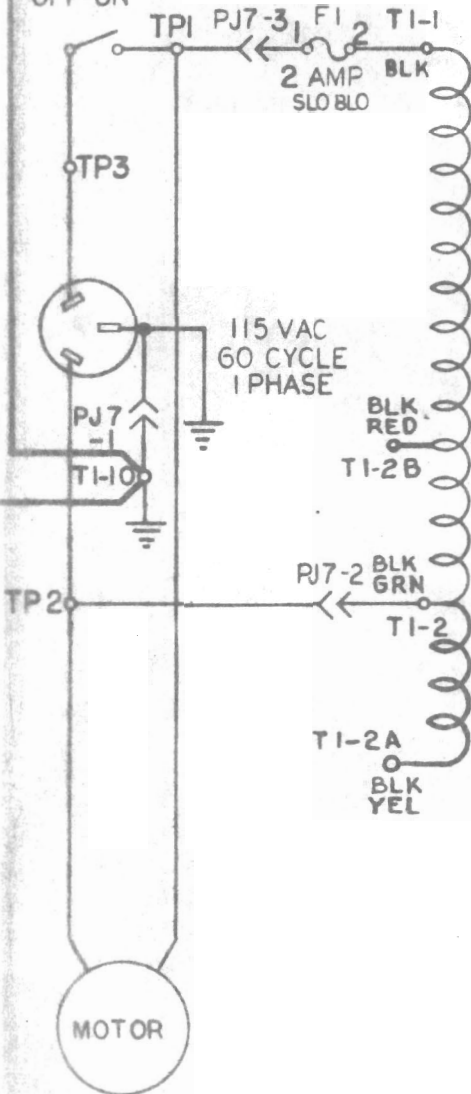
4 = Green = TO chassis grd.

2 = Black to D2 
K13

J6

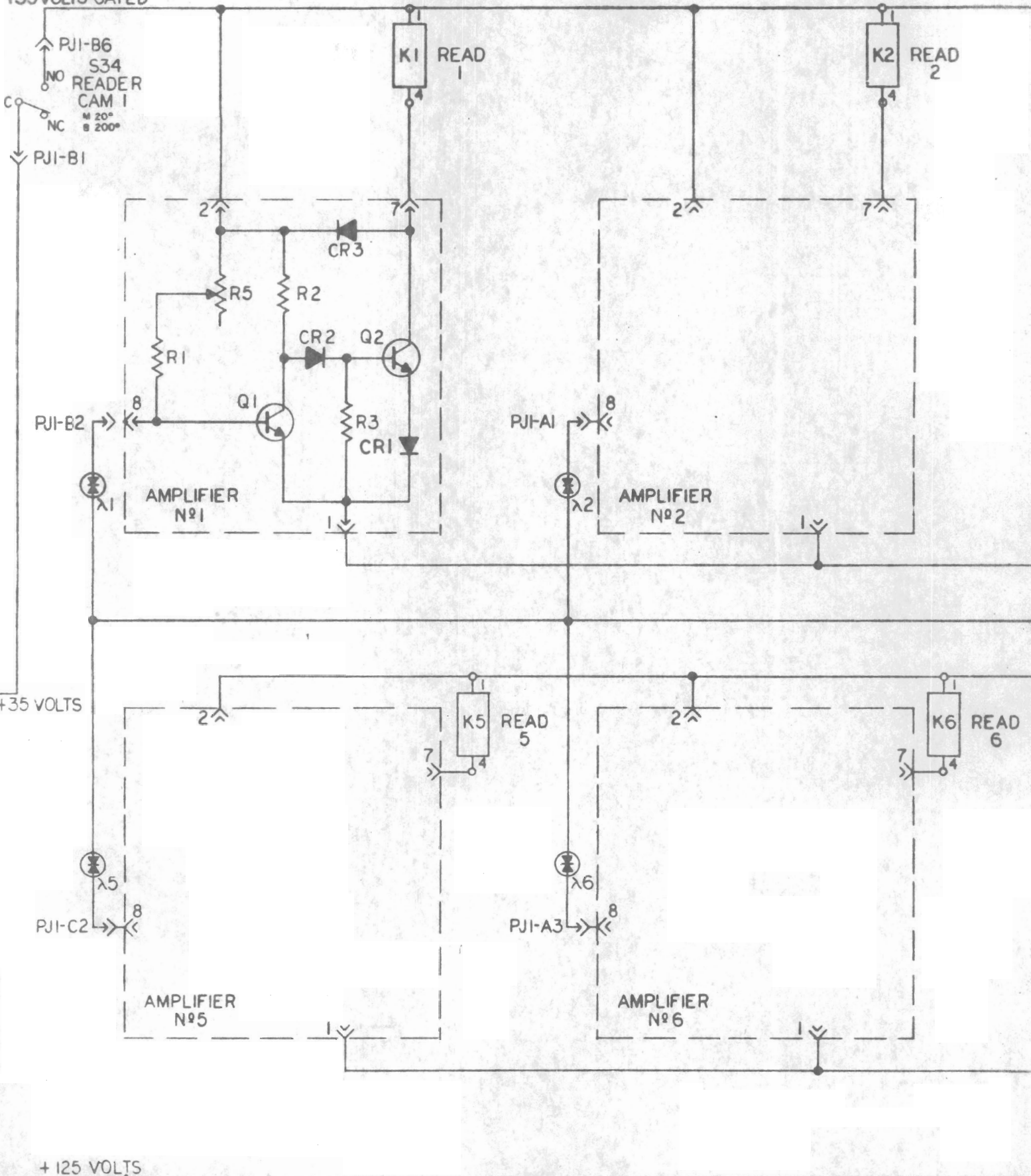
Ø VOLTS

S31
POWER
OFF-ON

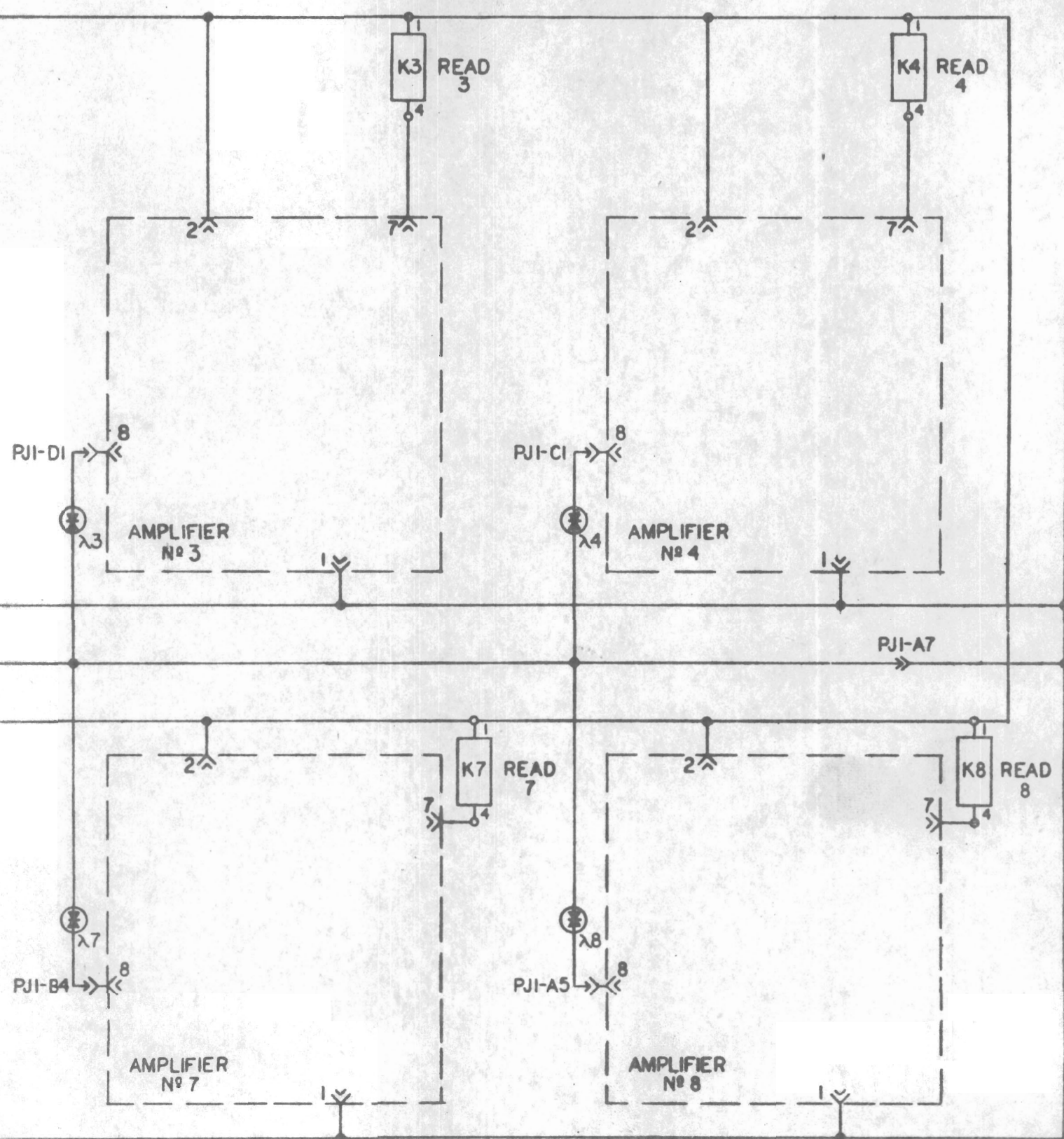


0 VOLTS

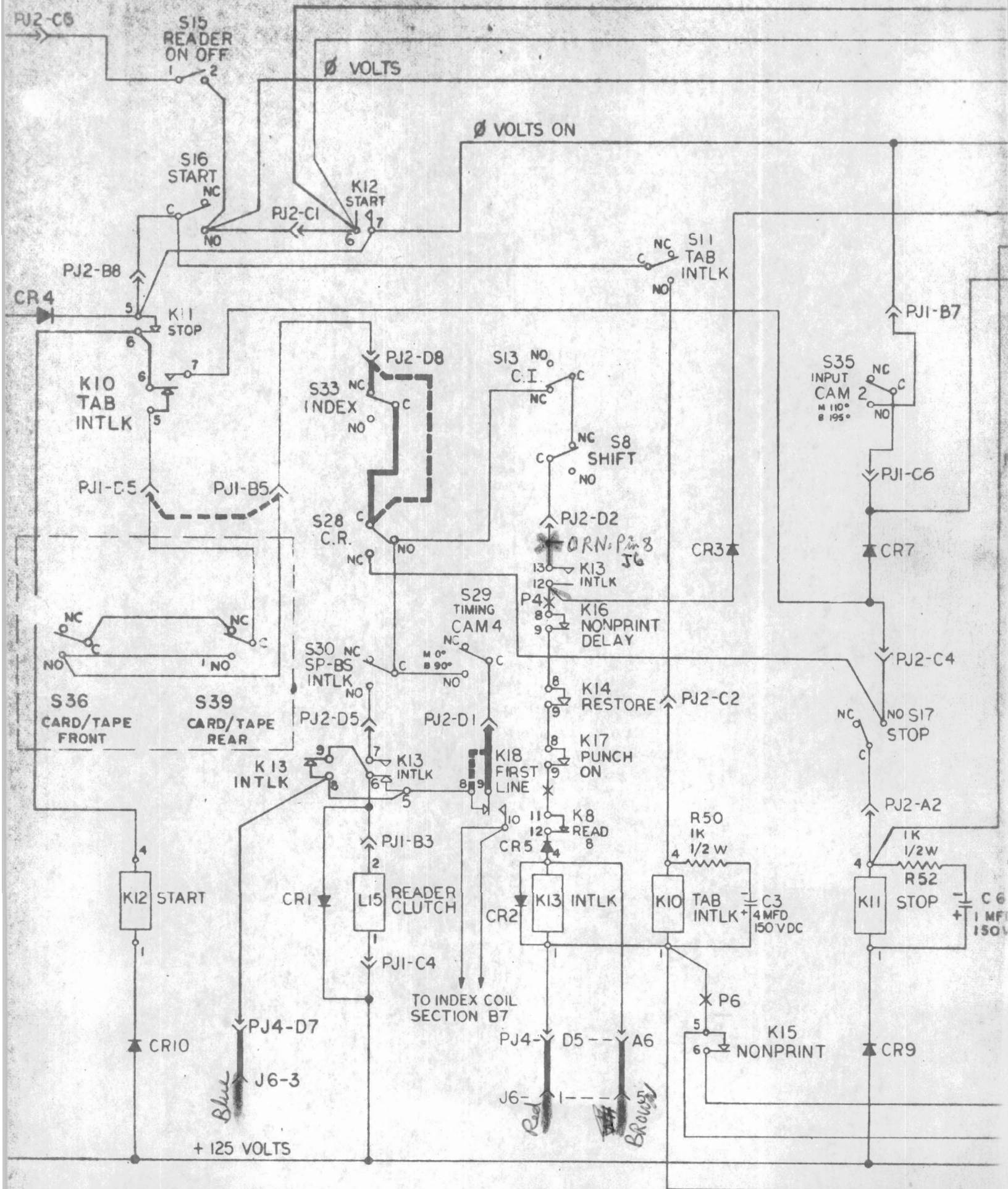
+35 VOLTS GATED

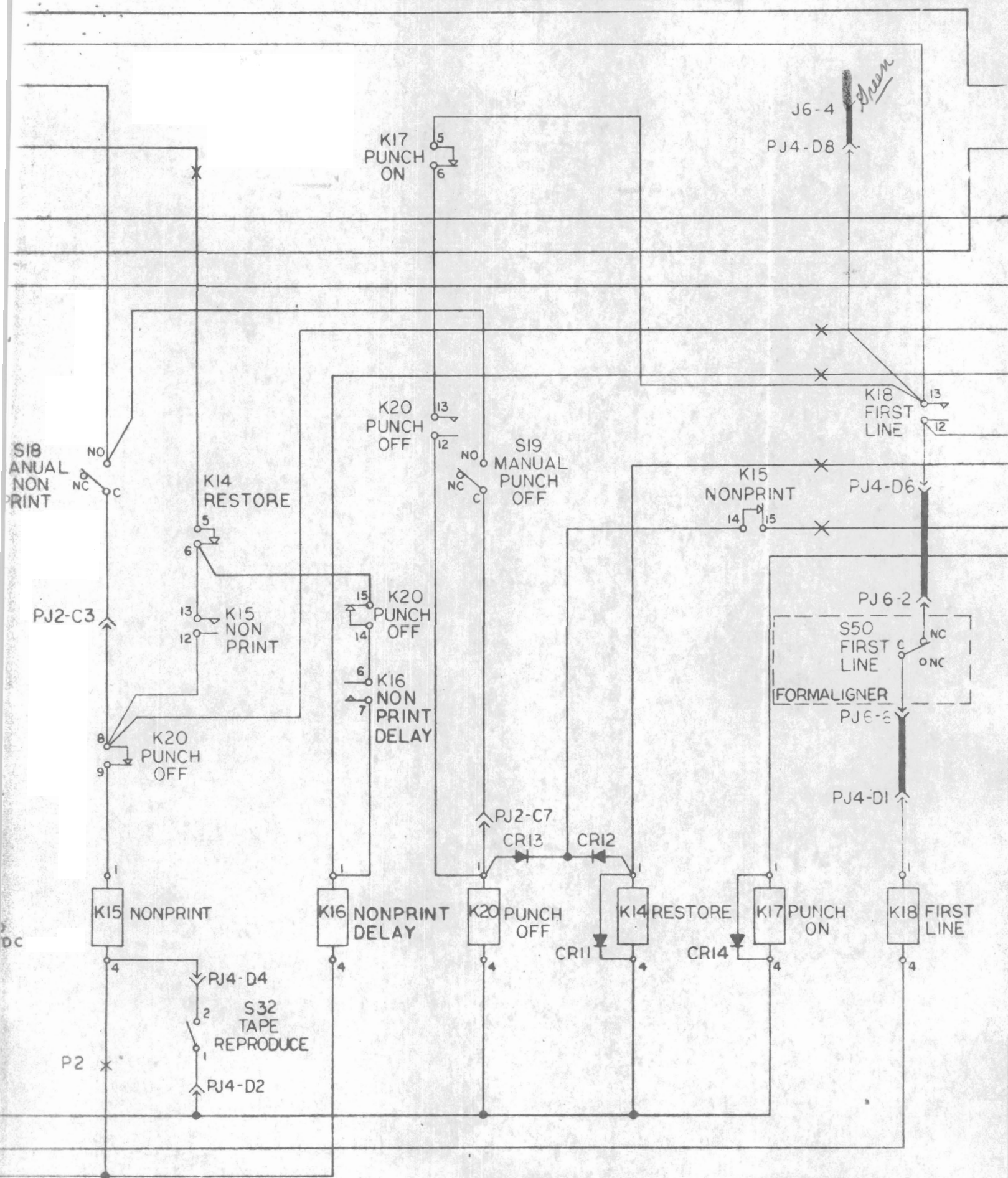


0 VOLTS

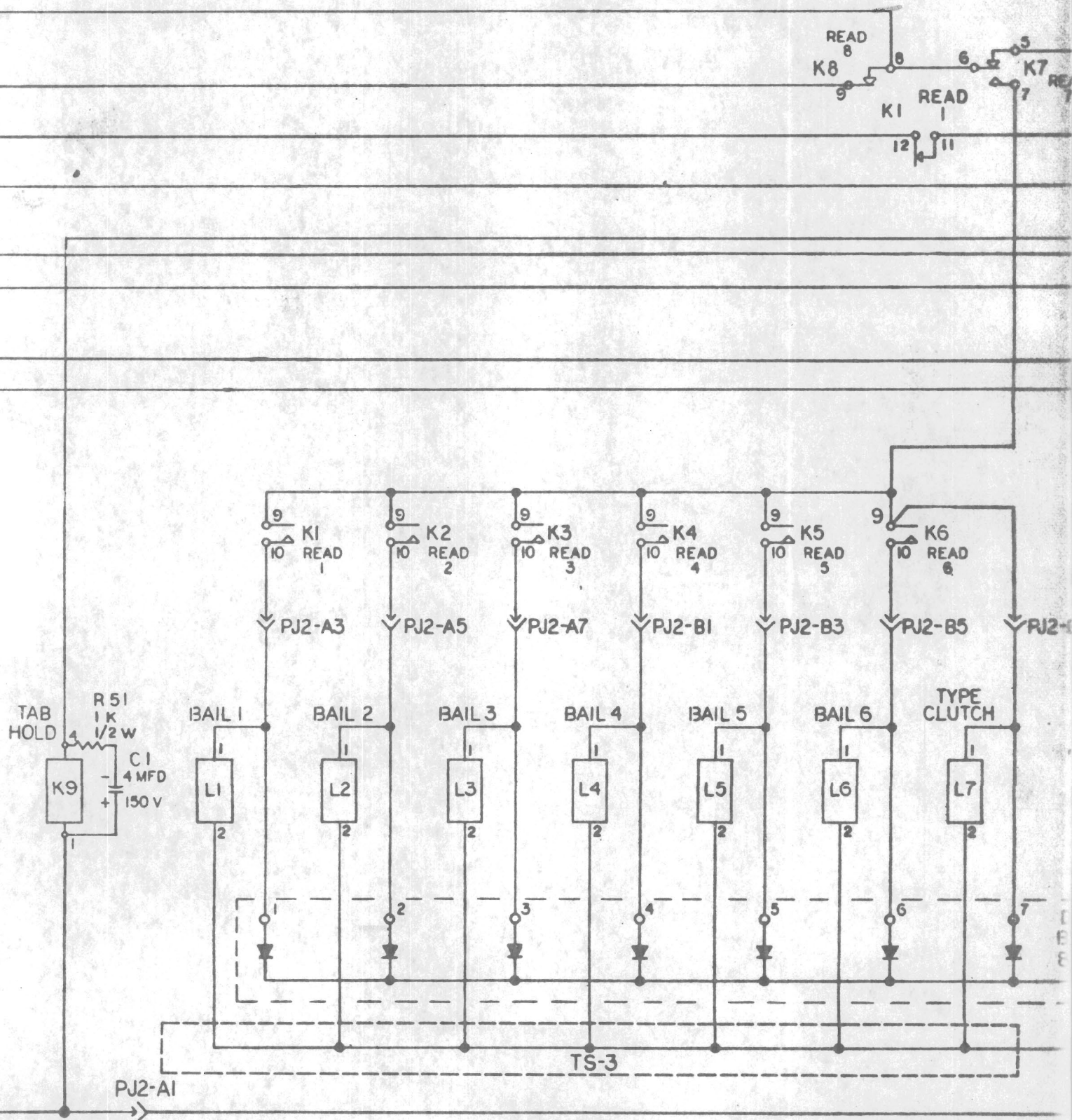


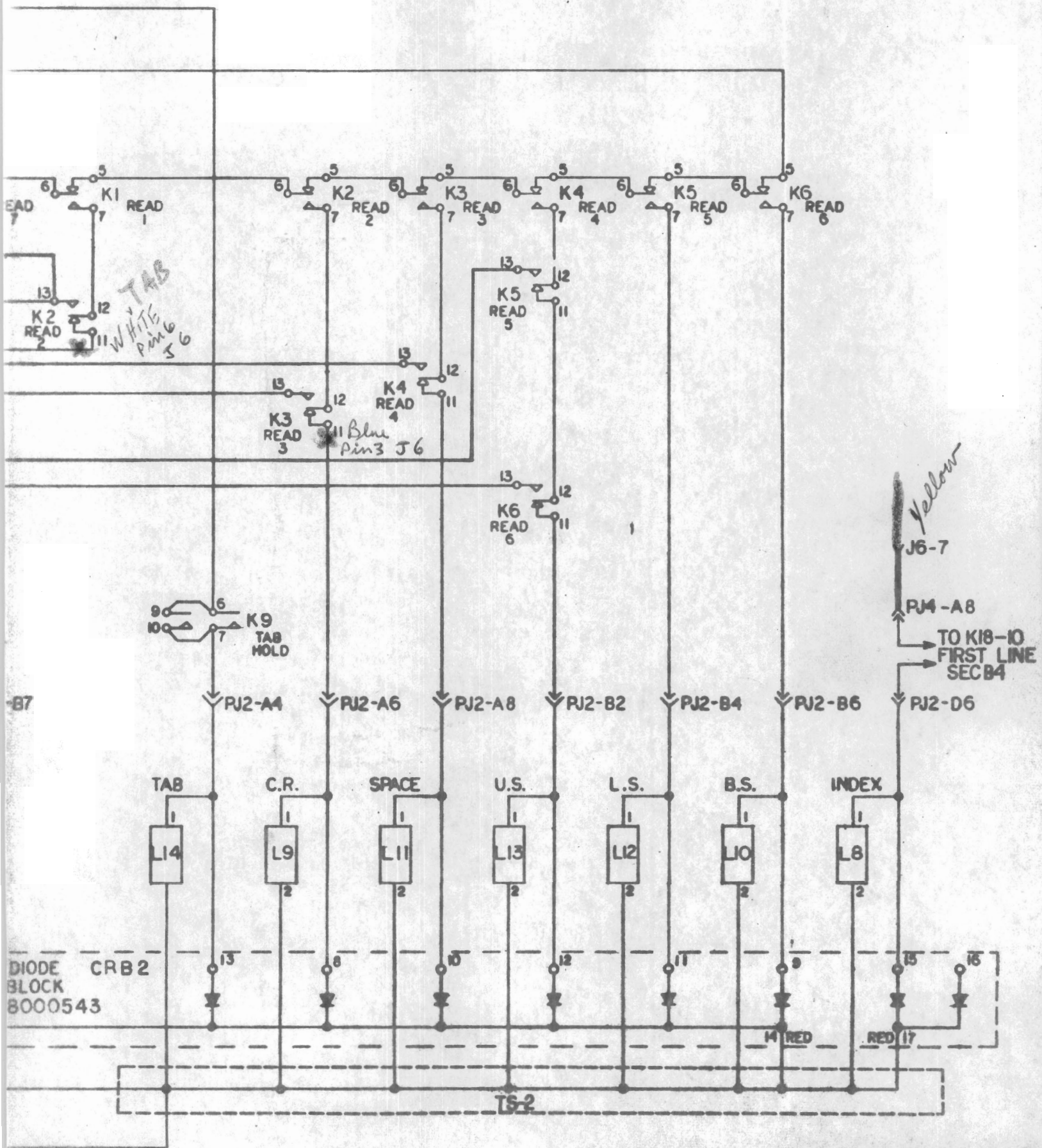
+125 VOLTS

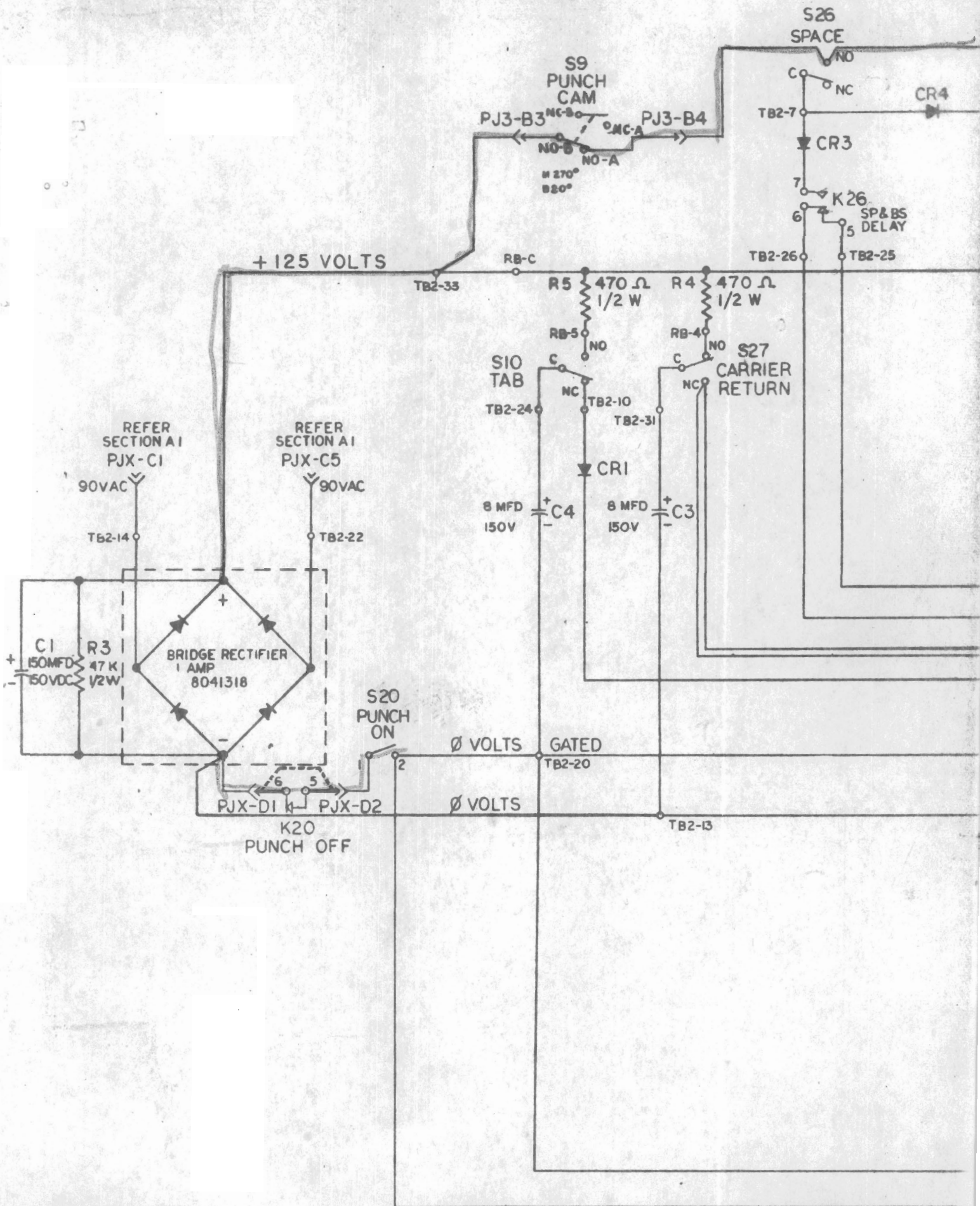


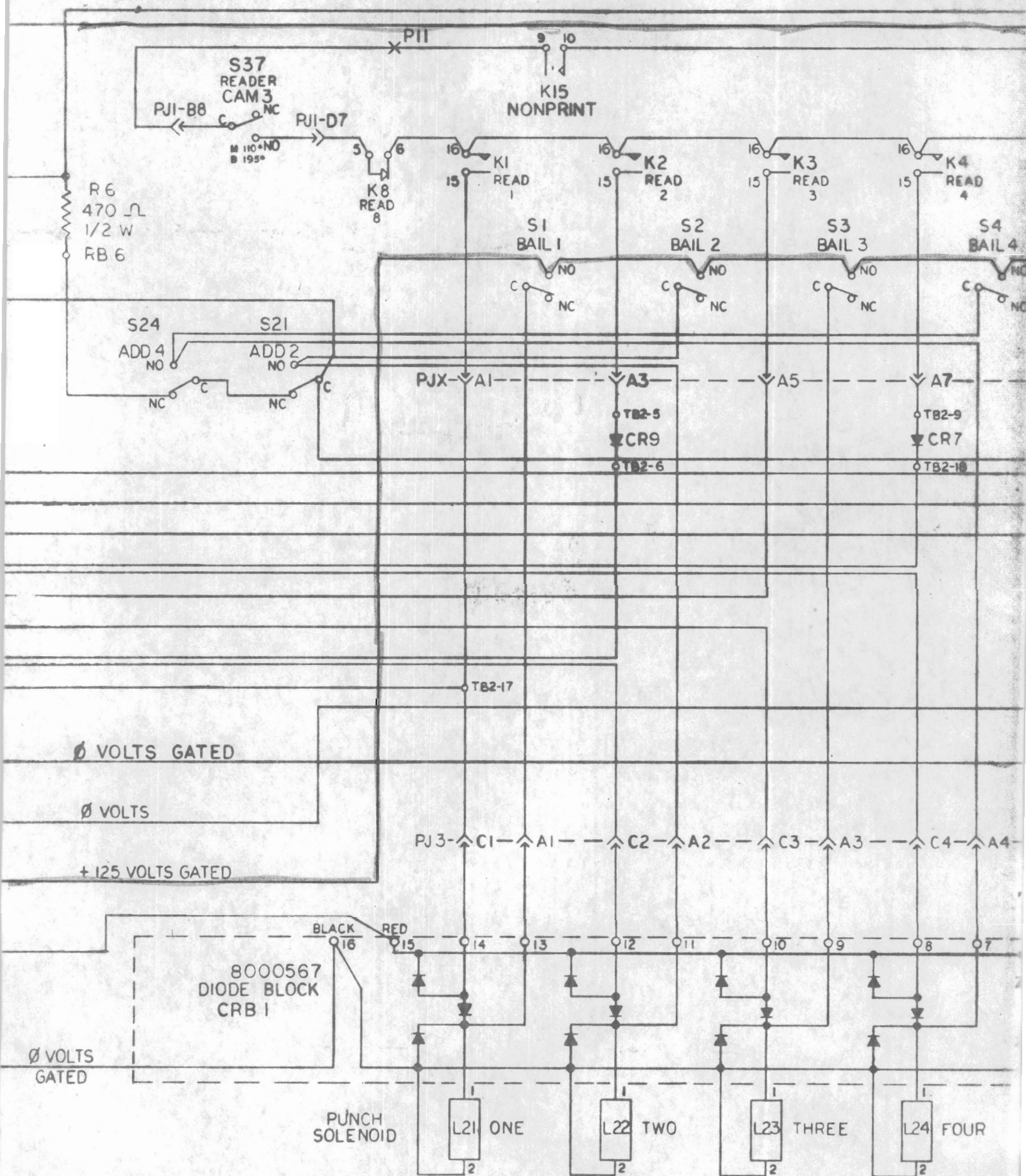


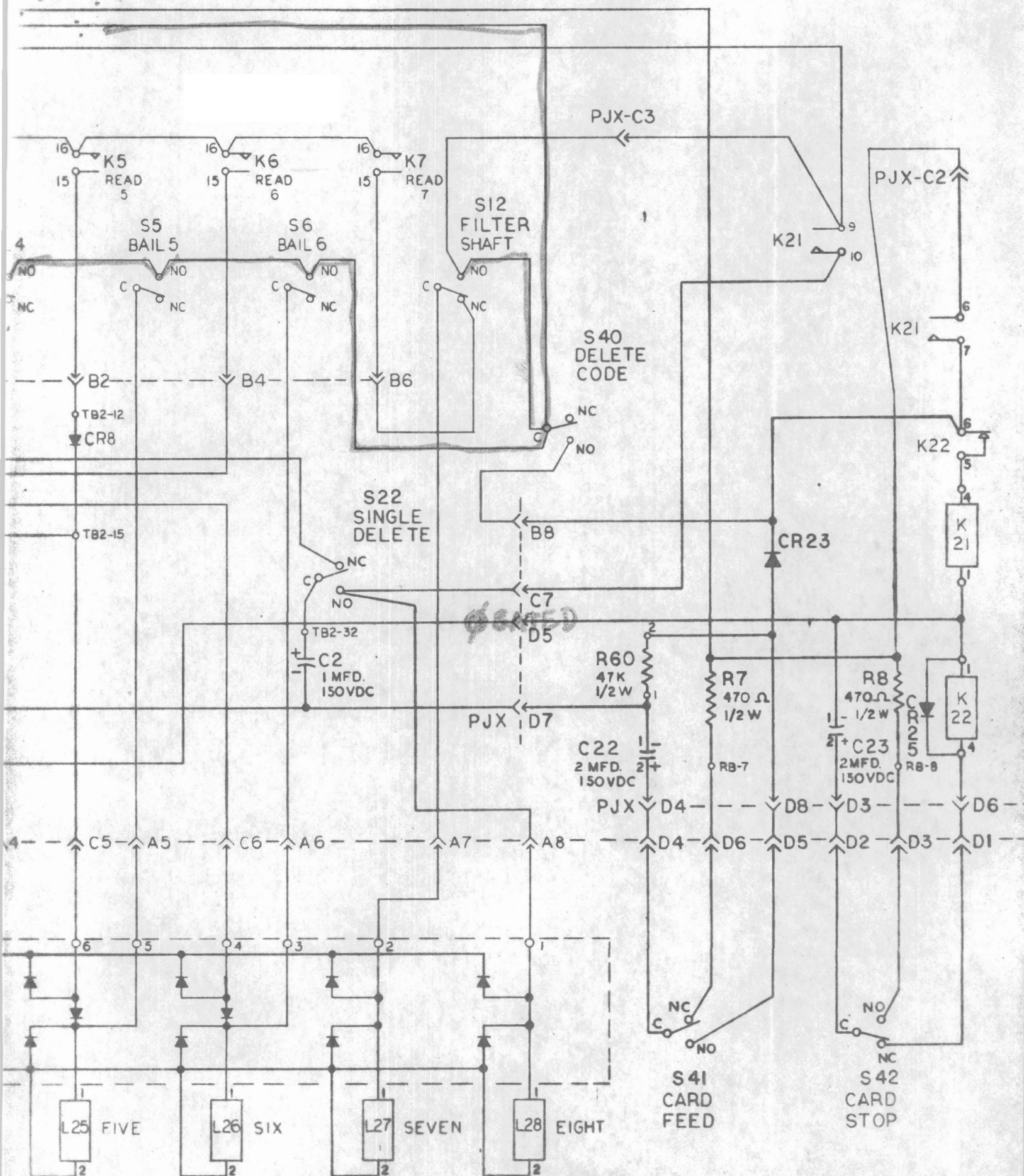
Ø VOLTS ON









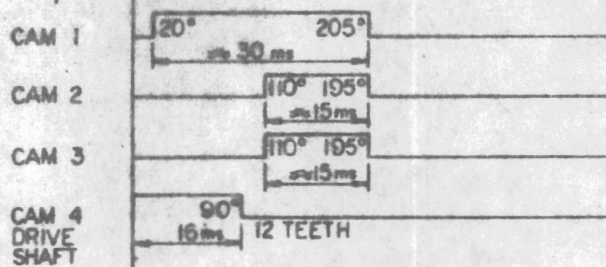


STD CHANNEL NO										MACH 10	
8	7	6	5	4	3	2	1			L.S.	U.S.
7	6	4	3							a	A
7	6	4	3							b	B
7	6	4	3							c	C
7	6	4	3							d	D
7	6	4	3							e	E
7	6	4	3	2						f	F
7	6	4	3	2						g	G
7	6	4	3	2						h	H
7	5	4	3							i	I
7	6	4	3	2						j	J
7	6	4	3	2						k	K
7	6	4	3	2						l	L
7	5	4	3	2						m	M
7	6	4	3	2						n	N
7	5	4	3	2						o	O
7	6	4	3	2						p	P
7	6	4	3	2						q	Q
7	5	4	3	2						r	R
7	5	4	3	2						s	S
7	6	4	3	2						t	T
7	6	4	3	2						u	U
7	5	4	3	2						v	V
7	5	4	3	2						w	W
7	6	4	3	2						x	X
7	6	4	3	2						y	Y
7	6	5	4	3	2					z	Z
7	6	5	4	3	2					1	1
7	6	5	4	3	2					2	2
7	6	5	4	3	2					3	3
7	6	5	4	3	2					4	4
7	6	5	4	3	2					5	5
7	6	5	4	3	2					6	6
7	6	5	4	3	2					7	7
7	6	5	4	3	2					8	8
7	6	5	4	3	2					9	9
7	6	5	4	3	2					0	0
7	6	5	4	3	2					.	.
7	6	5	4	3	2					-	-
7	6	5	4	3	2					/	/
7	6	5	4	3	2					!	!
7	6	5	4	3	2					"	"
7	6	5	4	3	2					=	=
7	6	5	4	3	2					STOP CODE	
7	6	5	4	3	2					CARRIER RETURN	
7	6	5	4	3	2					SPACE BAR	
7	6	5	4	3	2					UPPER SHIFT	
7	6	5	4	3	2					LOWER SHIFT	
7	6	5	4	3	2					BACK SPACE	
7	6	5	4	3	2					TAB	
7	6	5	4	3	2					DELETE	
7	6	5	4	3	2					NON PRINT	
7	6	5	4	3	2					RESTORE	
7	6	5	4	3	2					DURA FEED	
7	6	5	4	3	2					PUNCH ON	
7	6	5	4	3	2					PUNCH OFF	

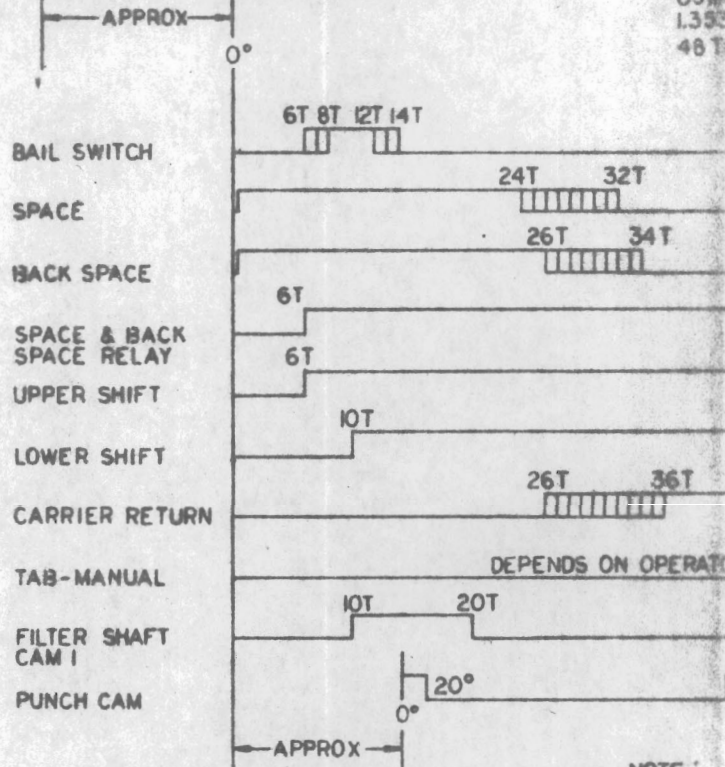
4	3	2	1	0	9	8	7	6	5	4	3	2	1	0	NONE	LIFTED BAIL
3	4	4	4	2	3	3										
1	2	1	3	1	1	2	1	3	1							
X	U	D	C	L	T	N	E	K	H	B						5 & 6
M	V	R	A	O	I	.	-	/	!	"	=					5
G	F	8	9	7	J	+	P	Q	Y	-						NONE
1	3	7	8	4	2	2	5	6	9							5 & 6
x	u	d	c	l	t	n	e	k	h	b						6
m	v	r	a	o	i	.	-	/	!	"	=					5
g	f	8	9	7	j	+	p	q	y	-						NONE

UPPER
SHIFTLOWER
SHIFT

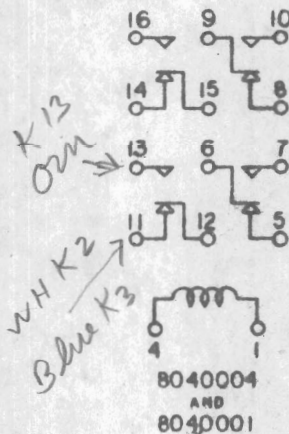
0° MOTION OF READER



READER TIMING



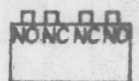
PUNCH TIMING



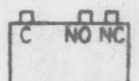
4C

RELAY

2C



8038055



8000532

8038050

SNAP ACTION
SWITCH

131

6601008

NOTE
 ----- REMOVE FOR OPTIONS
 ----- ADD FOR OPTIONS

RELAY K	COIL	TERM 5 6 7	TERM 8 9 10	TERM 11 12 13	TERM 14 15 16	DBM PART N2
1	A2	A7	B6	A6	A10	8040004
2	A2	A7	B6	A7	A10	8040004
3	A3	A7	B6	A7	A10	8040004
4	A3	A7	B6	A7	A10	8040004
5	B2	A7	B6	A7	A11	8040004
6	B2	A7	B6	A7	A11	8040004
7	B3	A6			A11	8040004
8	B3	A10	A6	B4		8040004
9	B6	B7	B7			8040000
10	B4	A4				8040000
11	B4	A4				8040000
12	B4	A4				8040000
13	B4	B4	B4	A4		8040001
14	B5	A5	B4			8040001
15	B5	B4	A10	B5	A5	8040001
16	B5	B5	B4			8040001
17	B5	A5	B4			8040001
18	B5		B4	A5		8040001
19						
20	B5	B8	B5	A5	A5	8040001
21	A11	A11	A11			8040001
22	B11	A11				8040001
23						
24						
25						
26	A9	A8	A9			8040001

CHAR/SEC
 3 ms/CHAR
 TEETH = 360°

OR TIME

270°

CATED TEETH ARE ON
 VE SHAFT GEAR
 CATED DEGREES ARE ON
 DER OR PUNCH GEAR

GEAR TOOTH EQUALS 7.5°

SWITCH S	POLES SINGLE DOUBLE	DBM PART N2
1	A10	8038050
2	A10	8038050
3	A10	8038050
4	A10	8038050
5	A11	8038050
6	A11	8038050
7	A9	8038055
8	A4	8038050
9	B8	8038050
10	A8	8038050
11	A4	8038050
12	A11	8038050
13	A4	8038050
14	A9	8038050
15	A4	8038024
16	A4	8000532
17	B4	8000532
18	B5	8000532
19	B5	8000532
20	B8	8038023
21	A10	8000532
22	A11	8000532
23	A9	8000532
24	A10	8000532
25	A9	8038050
26	A8	8038050
27	A8	8038050
28	A4	8038050
29	B4	8038050
30	B4	8038050
31	A1	
32	B5	8038025
33	A4	8038050
34	A2	8038050
35	A4	8038050
36	B4	8038050
37	A10	8038050
38		
39	B4	8038050
40	A11	8000532
41	B11	8038050
42	B11	8038050

3 1
0 0
4 2
0 0

8038023
 AND
 8038025

TOGGLE
 SWITCH

REV	REVISIONS	DATE	BY
A	PRODUCTION RELEASE	7/93	
B	INFORMATION CORRECTED	8/65	
C	READER CAM2 WIRING	9/23	
D	SHIFT CAM TIMING	1/65	

SCHEMATIC INDEX			
SHEET	PART NUMBER	REV.	DATE
1	8001754	B	11/65
2	8001755	A	7/95
3	8001756	B	9/23/65
4	8001759	A	7/95
5	8001760	B	11/65
6	8001761	B	11/65
7	8001699	D	11/65

DURA CORPORATION
 DURA BUSINESS MACHINES, INC. DIVISION

SCALE: _____ DRAWN BY: _____ DATE: 6-2-1963
 PUNCH: _____ CHECKED BY: JAMES DATE: 6-7-63
 MEAT TREAT: _____ APPROVED BY: _____ DATE: 6-7-63
 MATERIAL: _____

TITLE: SCHEMATIC - READER
 & PUNCH EPC WITH PUNCH CONTROL

MACH-10 8001699 D
 SHEET 7 OF 7

131

Q5 R.C.A.
800-2X866E
2866E
ECG-175
better one
1-1-124

