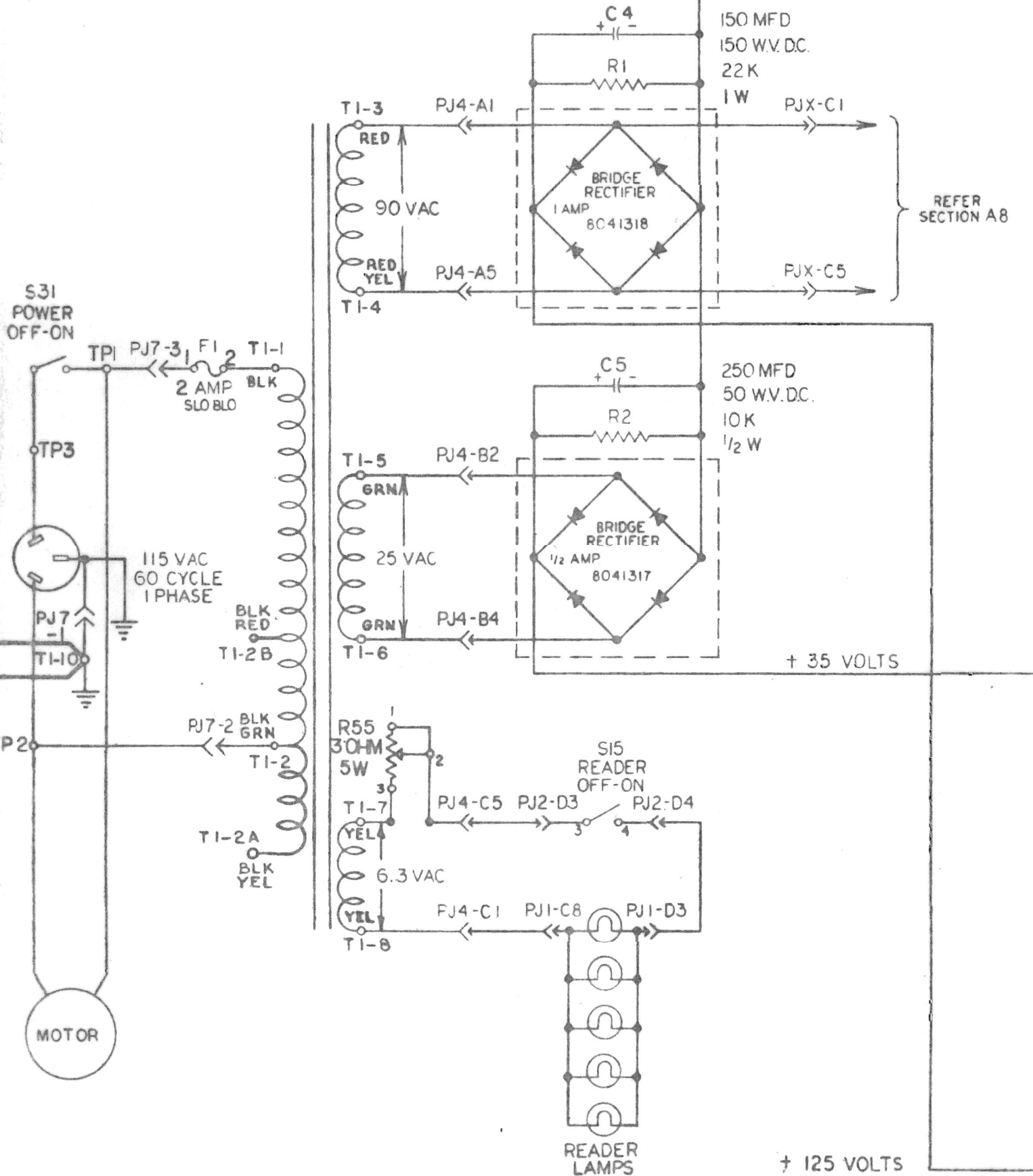


J6

Ø VOLTS



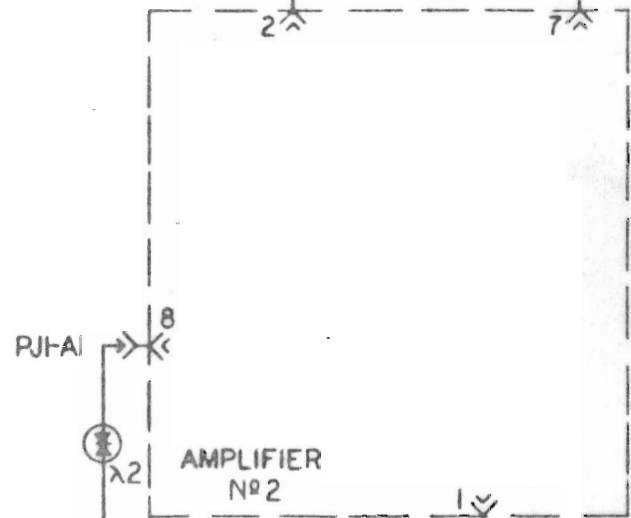
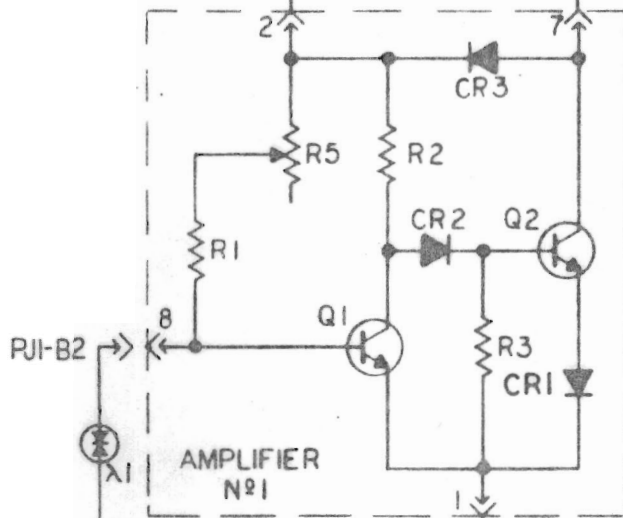
VOLTS

+35 VOLTS GATED

PJ1-B6
S34
READER
CAM 1
NO
NC
20°
200°
PJ1-B1

K1 READ 1

K2 READ 2



+35 VOLTS

K5 READ 5

K6 READ 6

PJ1-C2

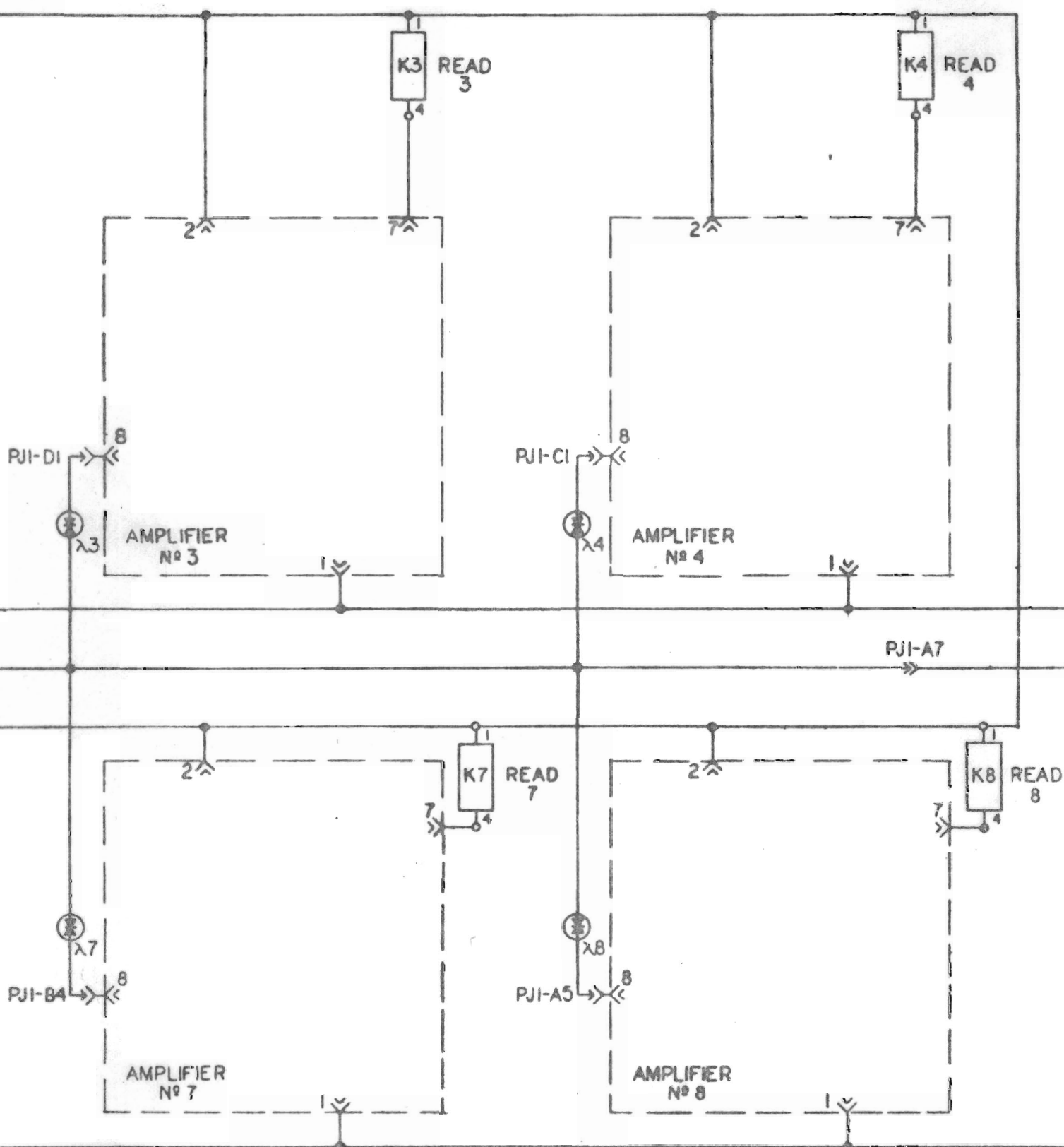
PJ1-A3

AMPLIFIER N°5

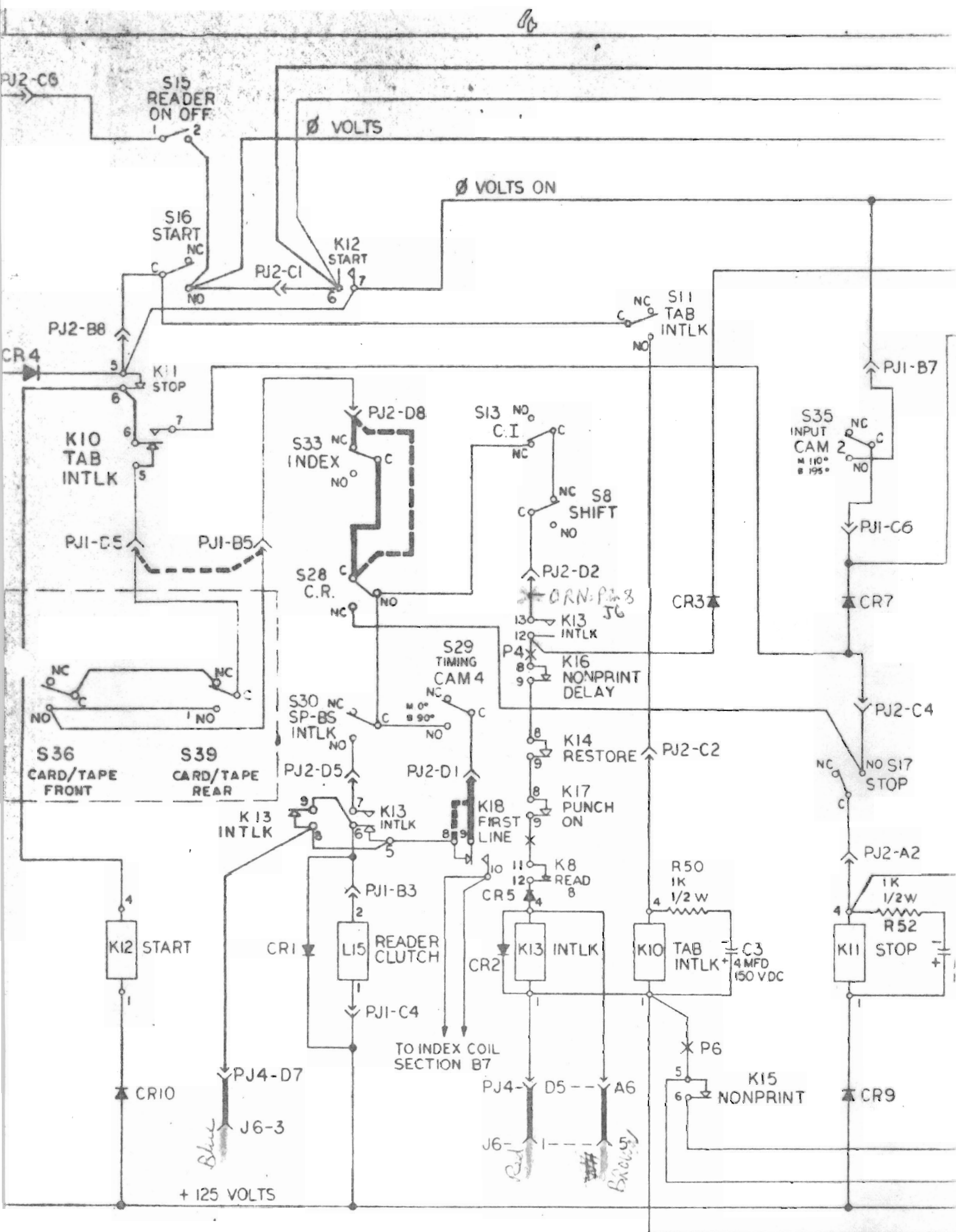
AMPLIFIER N°6

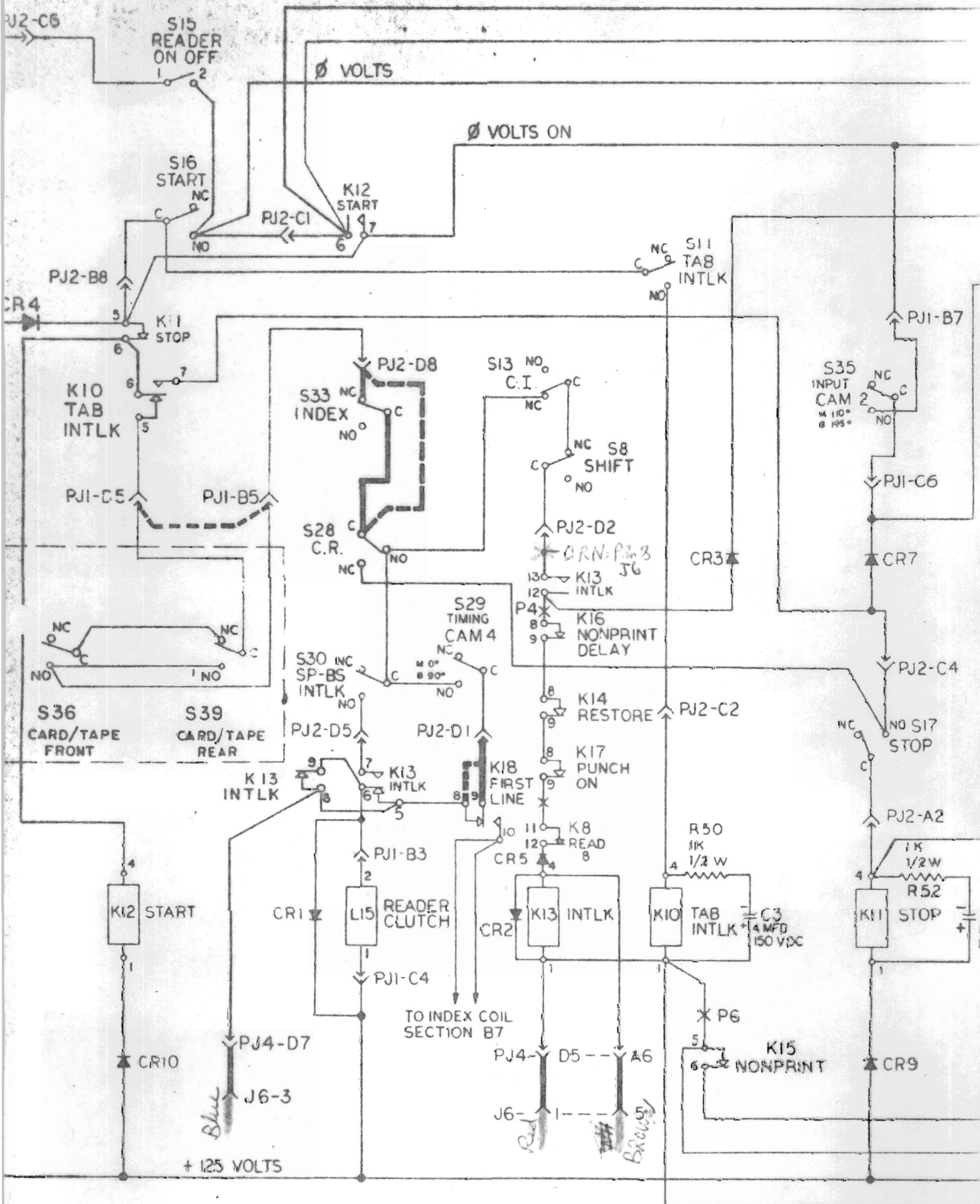
+125 VOLTS

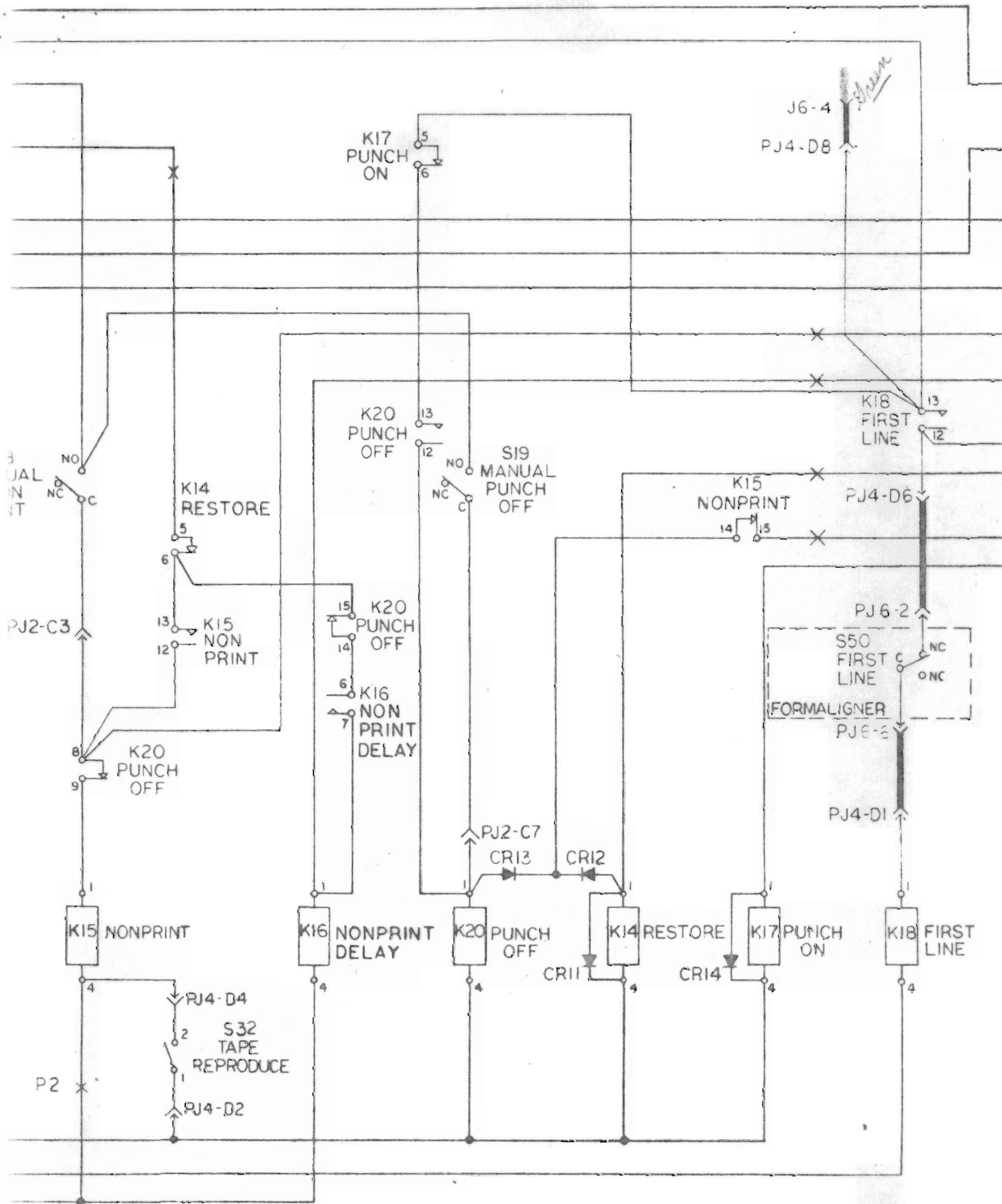
0 VOLTS



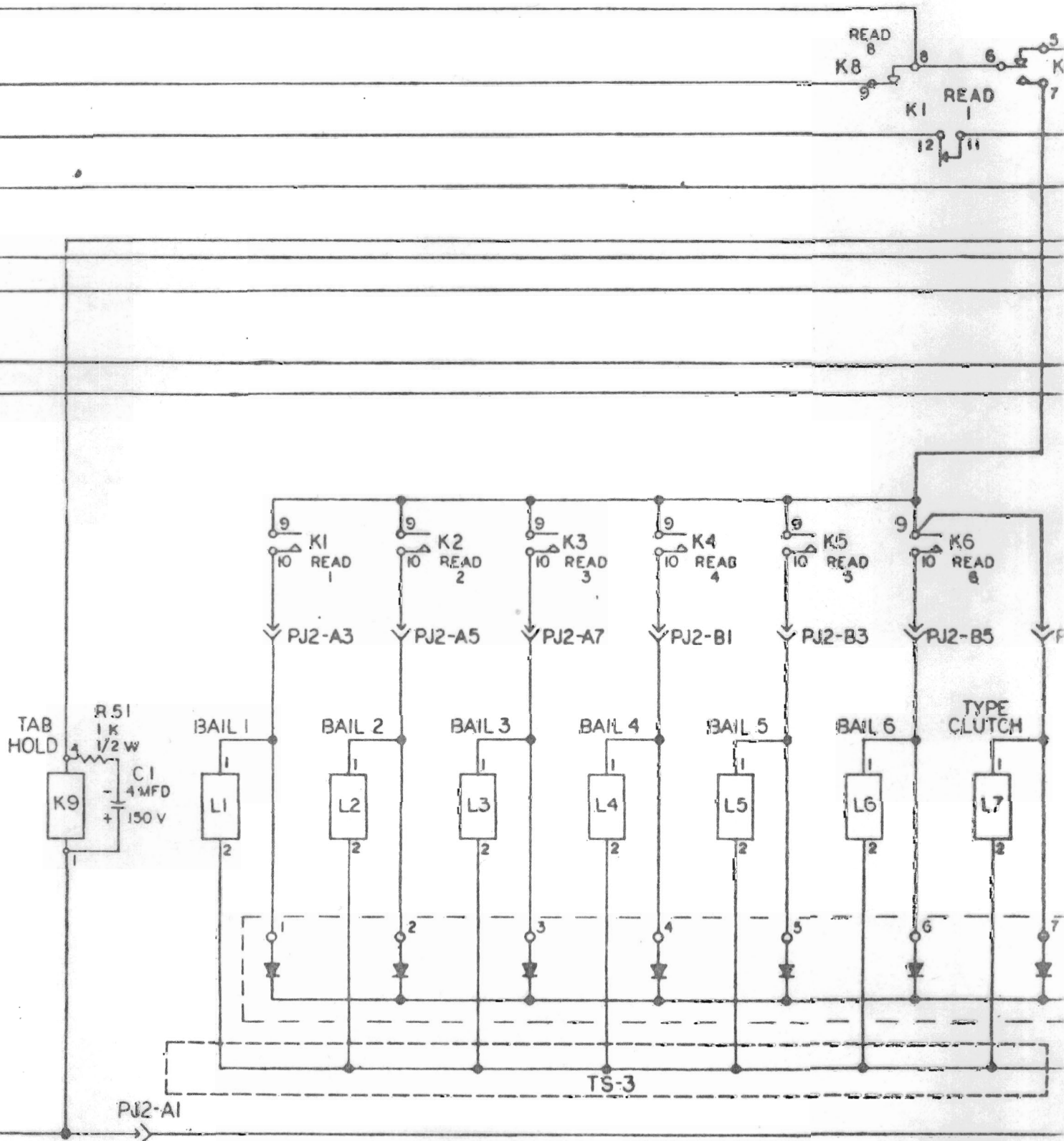
+125 VOLTS

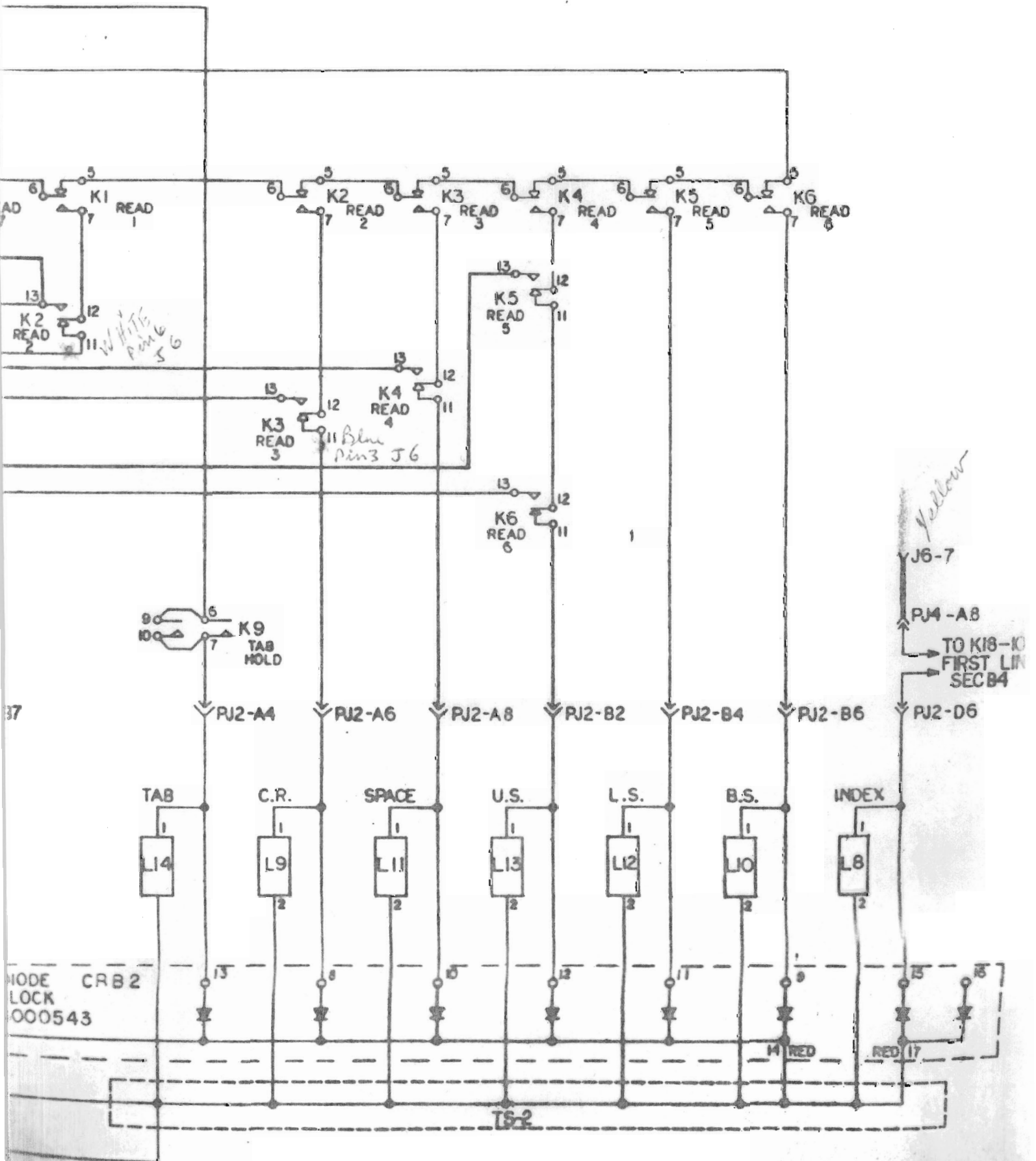


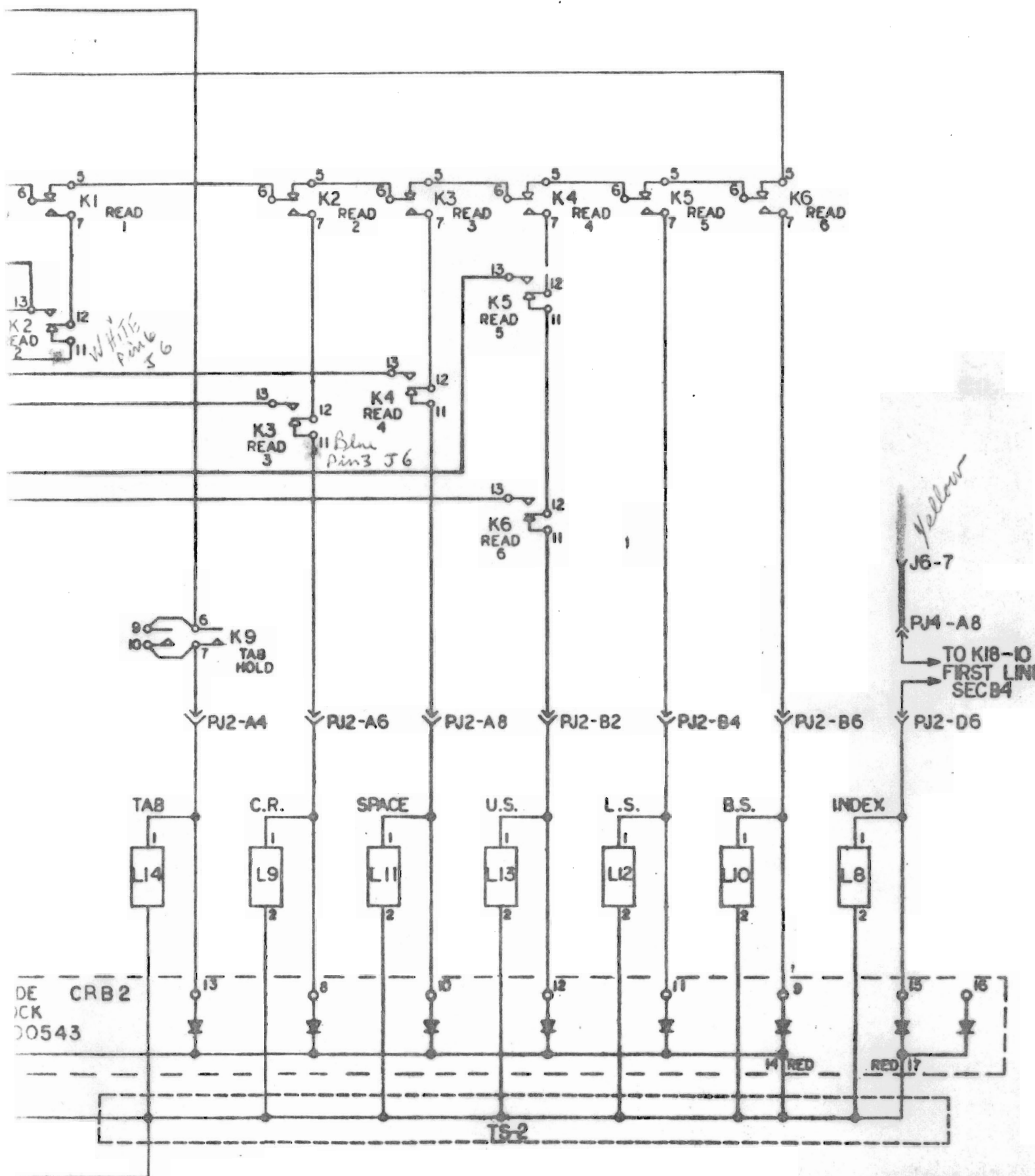


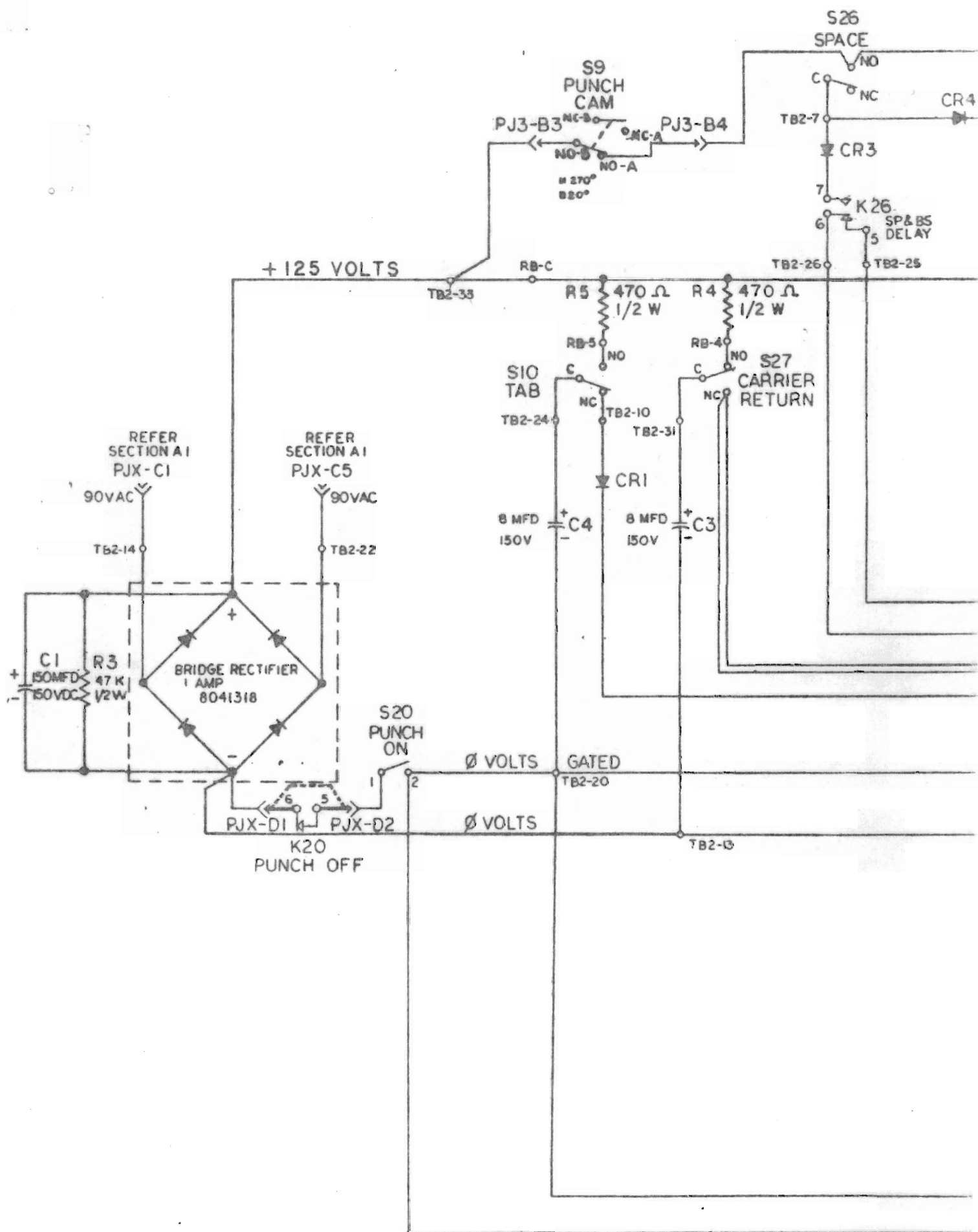


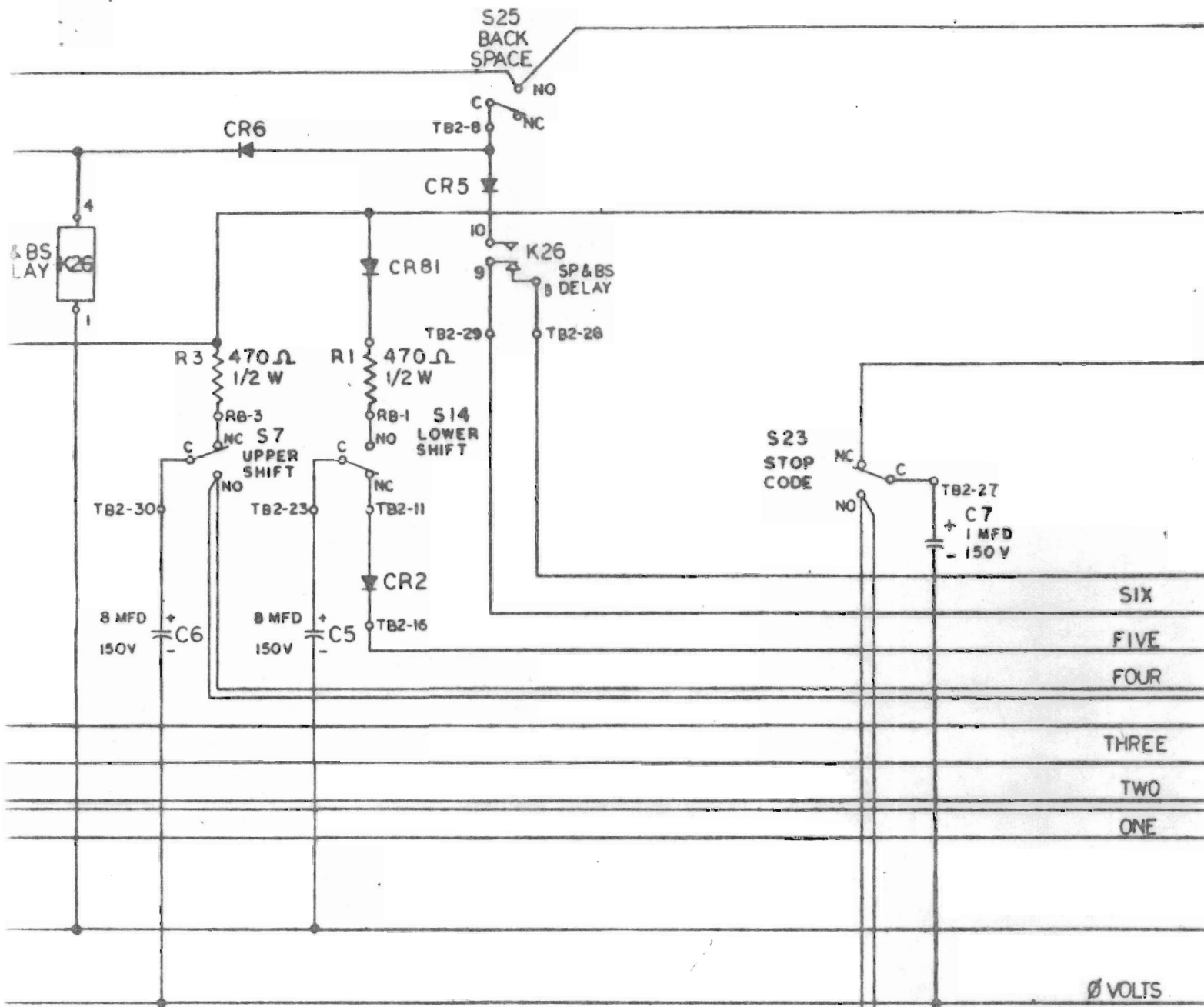
0 VOLTS ON

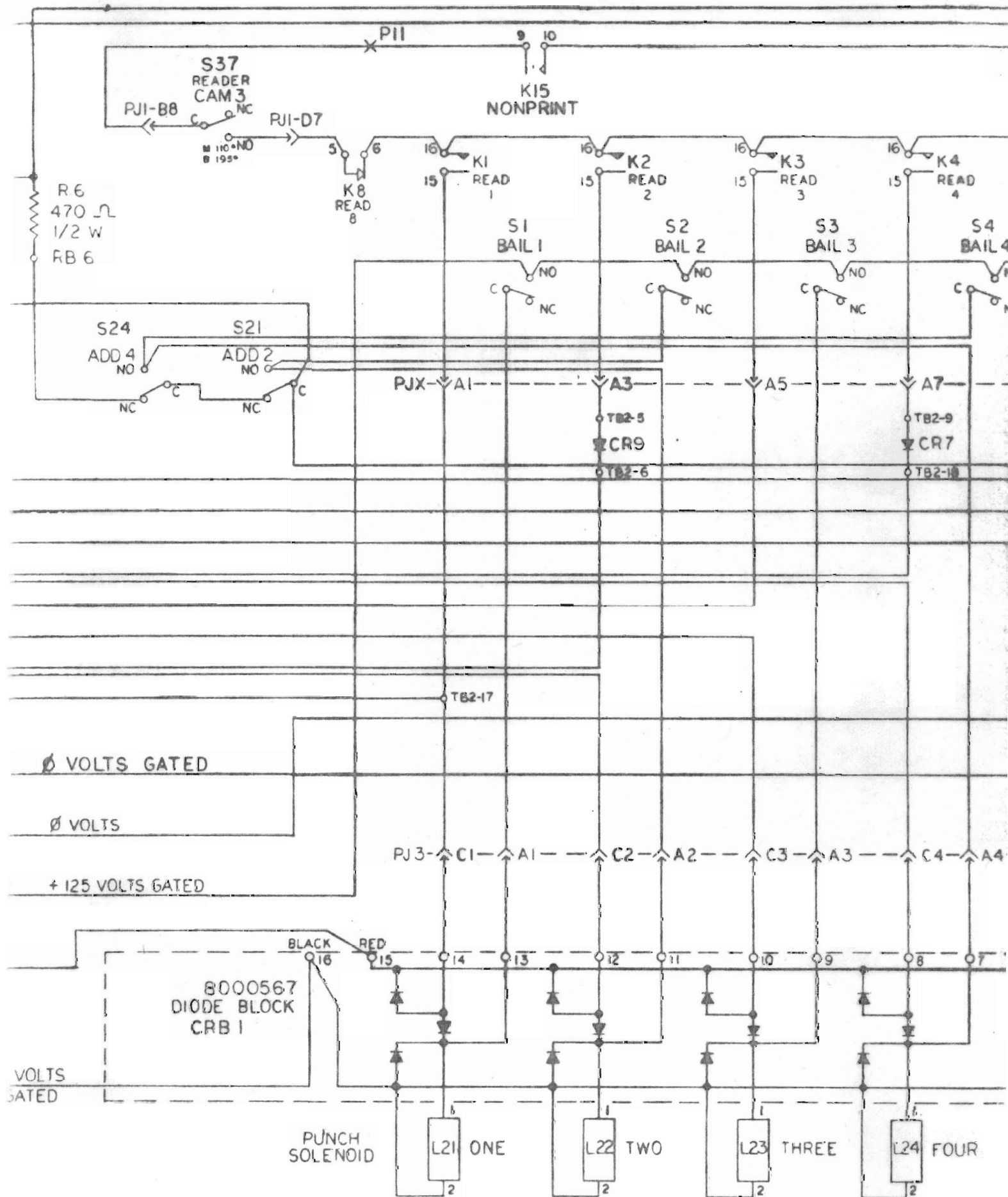


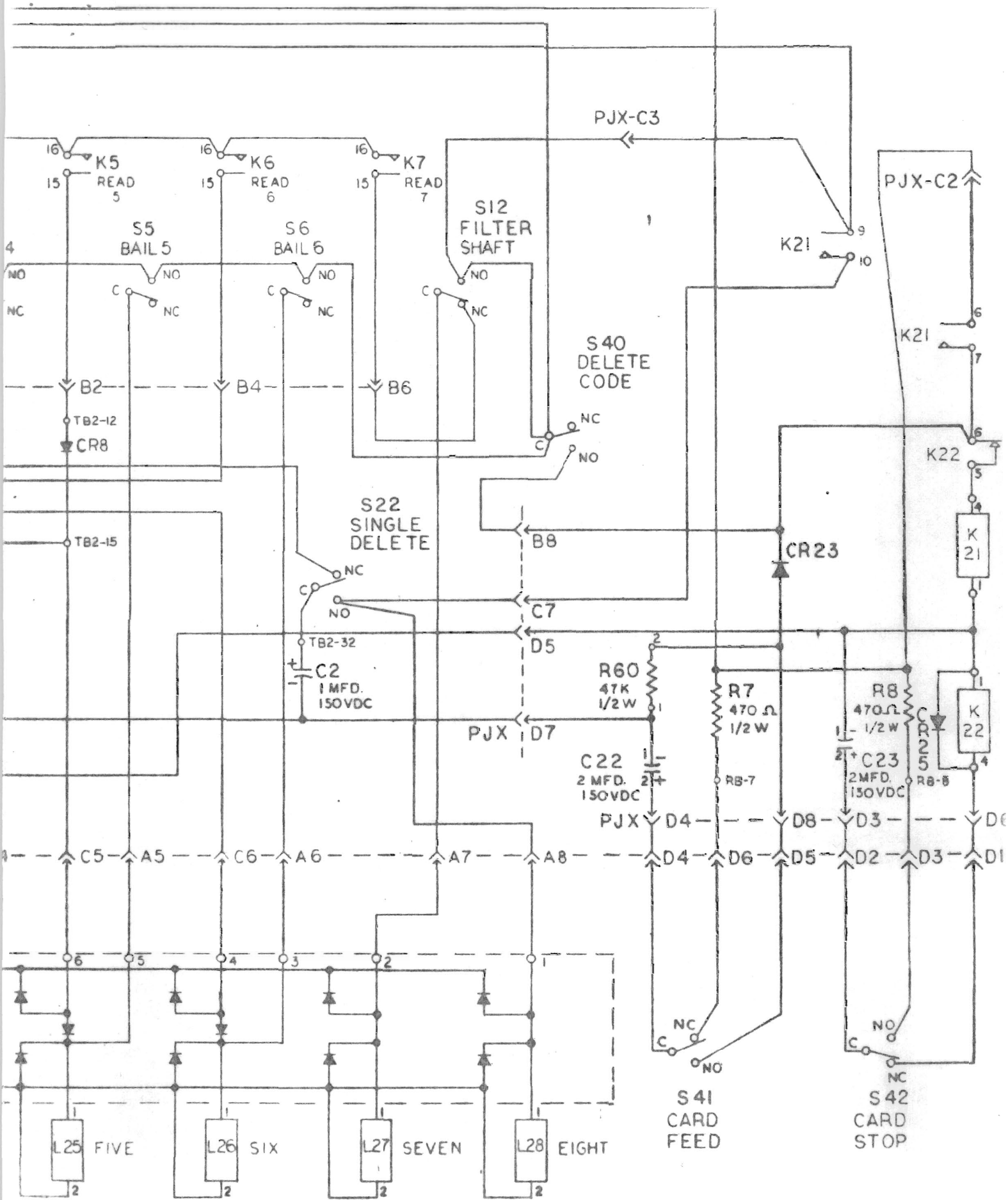


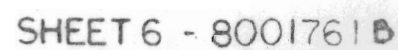












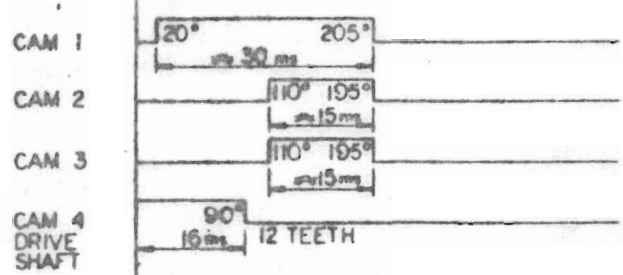
STD CHANNEL NO										MACH IO	
8	7	6	5	4	3	2	1			L.S.	U.S.
7	6	4	3							a	A
7	6	4	3							b	B
7	6	4	3							c	C
7	6	4	3	1						d	D
7	6	4	3	1						e	E
7	6	4	3	2						f	F
7	6	4	3	2	1					g	G
7	6	4	3	2	1					h	H
7	6	4	3	2	1					i	I
7	6	4	3	2	1					j	J
7	6	4	3	2	1					k	K
7	6	4	3	2	1					l	L
7	6	4	3	2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

4	3	2	1	0	NONE	LIFTED BAIL
3	4	4	2	3	3	5 & 6
2	3	4	2	3	3	6
1	2	3	1	2	3	5
0	1	2	0	1	2	NONE
X	U	C	L	Y	N	5 & 6
M	V	R	A	O	I	5
G	F	!	7	J	+ P	NONE
3	4	4	2	3	3	5 & 6
x	u	c	l	y	n	6
m	v	r	a	o	i	5
g	f	!	7	j	+ p	NONE

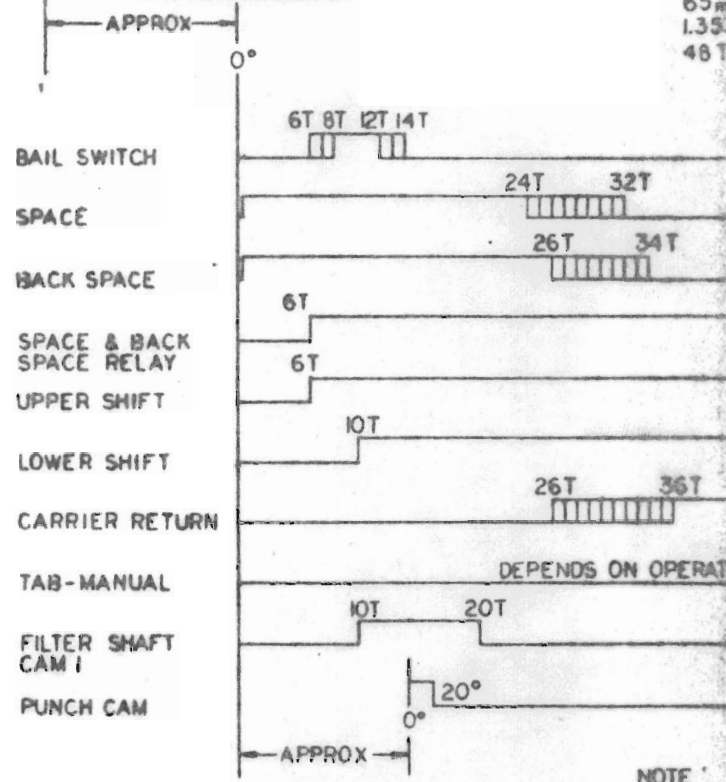
UPPER SHIFT

LOWER SHIFT

0° MOTION OF READER

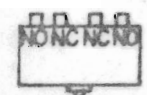
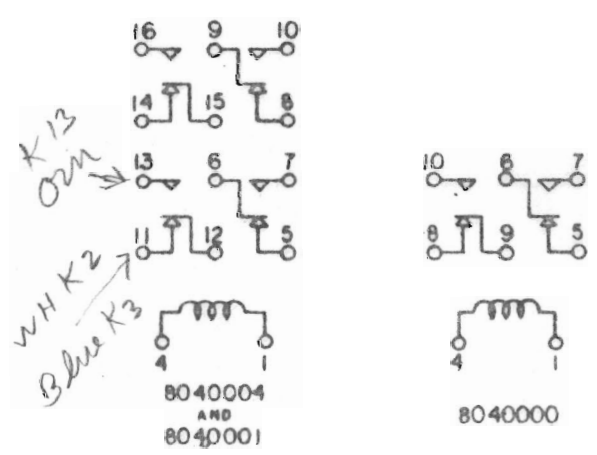


READER TIMING

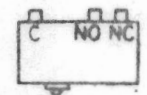


NOTE
15.4
65
1.35
48T

PUNCH TIMING



8038055



8000532

8038050

SNAP ACTION SWITCH

NOTE

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

6691000

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

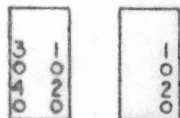
CHAR/SEC
 1/CHAR
 3ms/TOOTH
 TEETH = 360°

FOR TIME

270°

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

GEAR TOOTH EQUALS 7.5°



8038023
 AND
 8038025

TOGGLE
 SWITCH

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	B1 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

REVISIONS	REV	DATE
A PRODUCTION RELEASE	793	
B INFORMATION CORRECTED	865	
C READER CAM2 WIRING	923	
D SHIFT CAM TIMING	1153	

SCHEMATIC INDEX			
SHEET	PART NUMBER	REV.	E.C. DATE
1	8001754	B	1165 5/2/79
2	8001755	A	795 7/1/79
3	8001756	B	923 9/1/79
4	8001759	A	795 7/1/79
5	8001760	B	1165 8/2/79
6	8001761	B	1165 9/2/79
7	8001699	D	1153 9/2/79

DURA CORPORATION
 DURA BUSINESS MACHINES, INC. DIVISION

SCALE: _____ DRAWN BY: _____
 DATE: 5-2-1983

PURPOSE: _____ CHECKED BY: J.A.T.
 DATE: _____

HEAT TREAT: _____ APPROVED BY: _____
 DATE: 5-2-83

REVISIONS: _____

WIRE SCHEMATIC - READER
& PUNCH EPC WITH PUNCH CONT.

MACH-10 8001699
 SHEET 7 OF 7

NOTE

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

800100

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
 1/CHAR
 3 ms/TOOTH
 TEETH = 360°

TIME

270°

ATED TEETH ARE ON
 E SHAFT GEAR
 ATED DEGREES ARE ON
 DER OR PUNCH GEAR

EAR TOOTH EQUALS 7.5°

3	1	1
0	0	0
4	2	2
0	0	0

8038023
 8038024 AND
 8038025

TOGGLE
 SWITCH

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

REVISIONS

REV	DESCRIPTION	DATE
A	PRODUCTION RELEASE	7/3/63
B	INFORMATION CORRECTED	8/6/63
C	READER CAM 2 WIRING	9/23/63
D	SHIFT CAM TIMING	11/5/63

SCHEMATIC INDEX

SHEET	PART NUMBER	REV.	E.C.	DATE
1	8001754	B	1165	5/2/63
2	8001755	A	795	7/1/63
3	8001756	B	923	9/1/63
4	8001759	A	795	7/1/63
5	8001760	B	1165	5/2/63
6	8001761	B	1165	5/2/63
7	8001699	D	1165	9/23/63

DURA CORPORATION

DURA BUSINESS MACHINES, INC. DIVISION

DESIGNER	DATE
CHECKED BY	DATE
APPROVED BY	DATE

SCHEMATIC - READER
 & PUNCH EPC WITH PUNCH CONTROL

MACH-10	8001699	D
SHEET 7 OF 7		

