K. FLETCHER

BCD-IBM - TYP.-BALL - 1167927

DURA BUSINESS MACHINES
DIVISION OF DURA CORPORATION

MACH-10 B.C.D.
READER AND PUNCH WITH/WITHOUT AUX. READER/INPUT AND AUX. PUNCH/OUTPUT

REV. LETTER	REVISIONS	E.C.	DRAWN	CHECKED DATE
M	SHT. 1-UPDATED INDEX SHT. 7-PJ401-B6 WAS PJ406-B6 SHT. 9-S643&S644 WIRING CHANGED SHT. 11-S644 WAS SPACE/BACKSPACE SHT. 12-S643 TIMING CHANGED S644 WAS SPACE/BACK SPACE	1899		9-22-66
L	SHT. 1-UPDATE INDEX SHT. 7-PJ104-C3 WAS PJ103-C3	1896		9-6-66
K	SHT. 1-UPDATE INDEX SHT. 4-ADDED K712-8,9&10 SHT. 7-REDRAWN SHT. 8-REDRAWN SHT. 9-PJ701-H WAS PJ701-EE PJ701-K WAS PJ701-FF SHT. 10-8006310 ASS'Y WAS 8005419 SHT. 11-ADDED PARITY CHECK CIRCUIT & S406 SHT. 12-ADDED K712 & K713 REMOVED K708 & K709	1865		7-25-66
A	PRODUCTION RELEASE	1229		10-16-64

	SHT.	PART №	REV.	E.C.	DATE
EXPORT→	13	8003213	B	1327	12-16-64
	12	8003149	G	1899	8-16-66
	11	8003148	F	1899	8-16-66
	10	8003147	D	1865	7-5-66
	9	8003146	J	1899	8-16-66
	8	8003145	C	1865	7-5-66
	7	8003144	J	1899	8-16-66
	6	8003143	C	1308	10-28-64
	5	8003142	B	1308	10-28-64
	4	8003141	F	1865	7-5-66
	3	8003140	C	1639	10-13-65
	2	8003139	C	1807	4-6-66
	1	8003138	M	1899	8-16-66

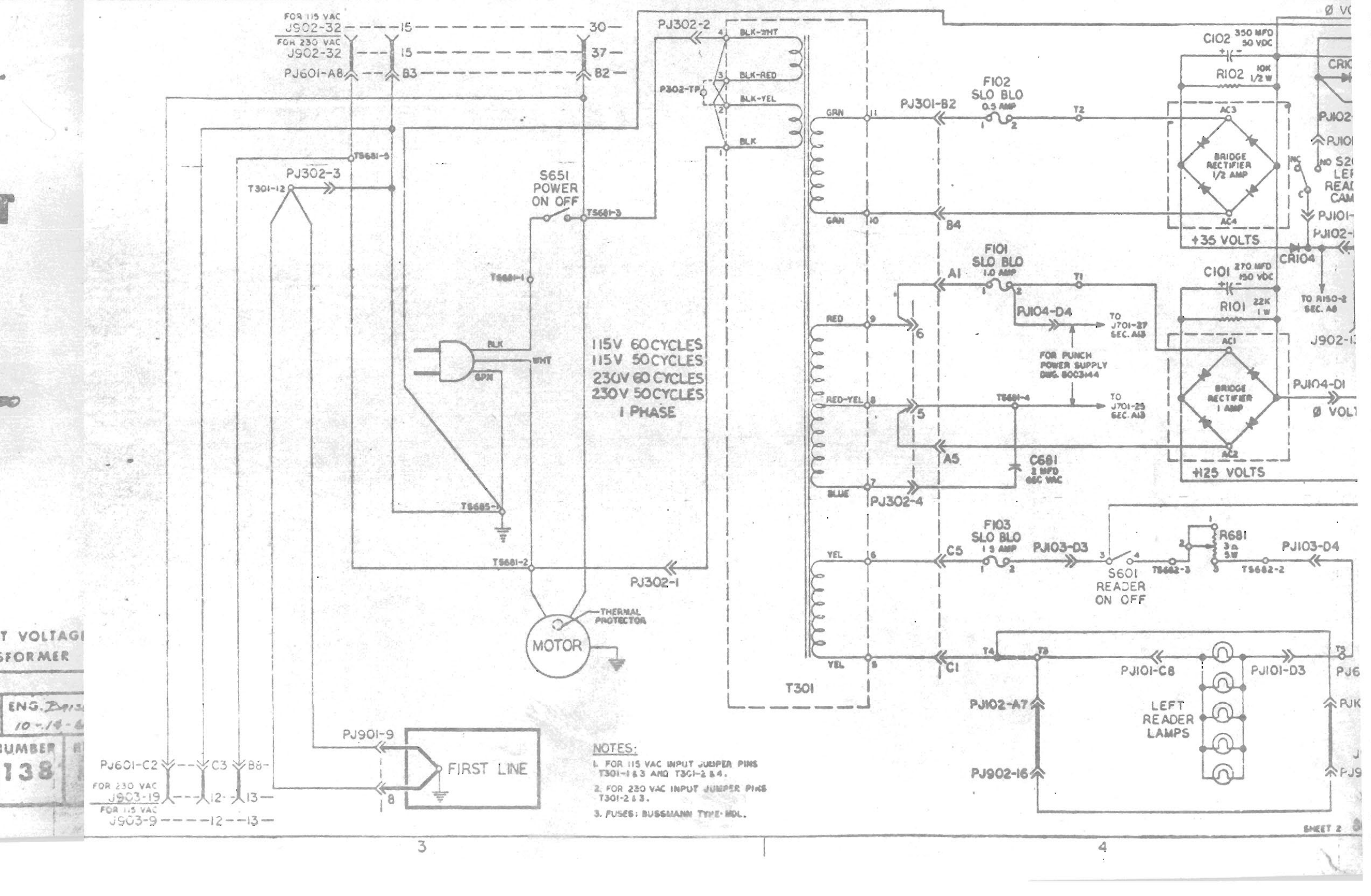
SCHEMATIC INDEX SHEET 1 OF 12

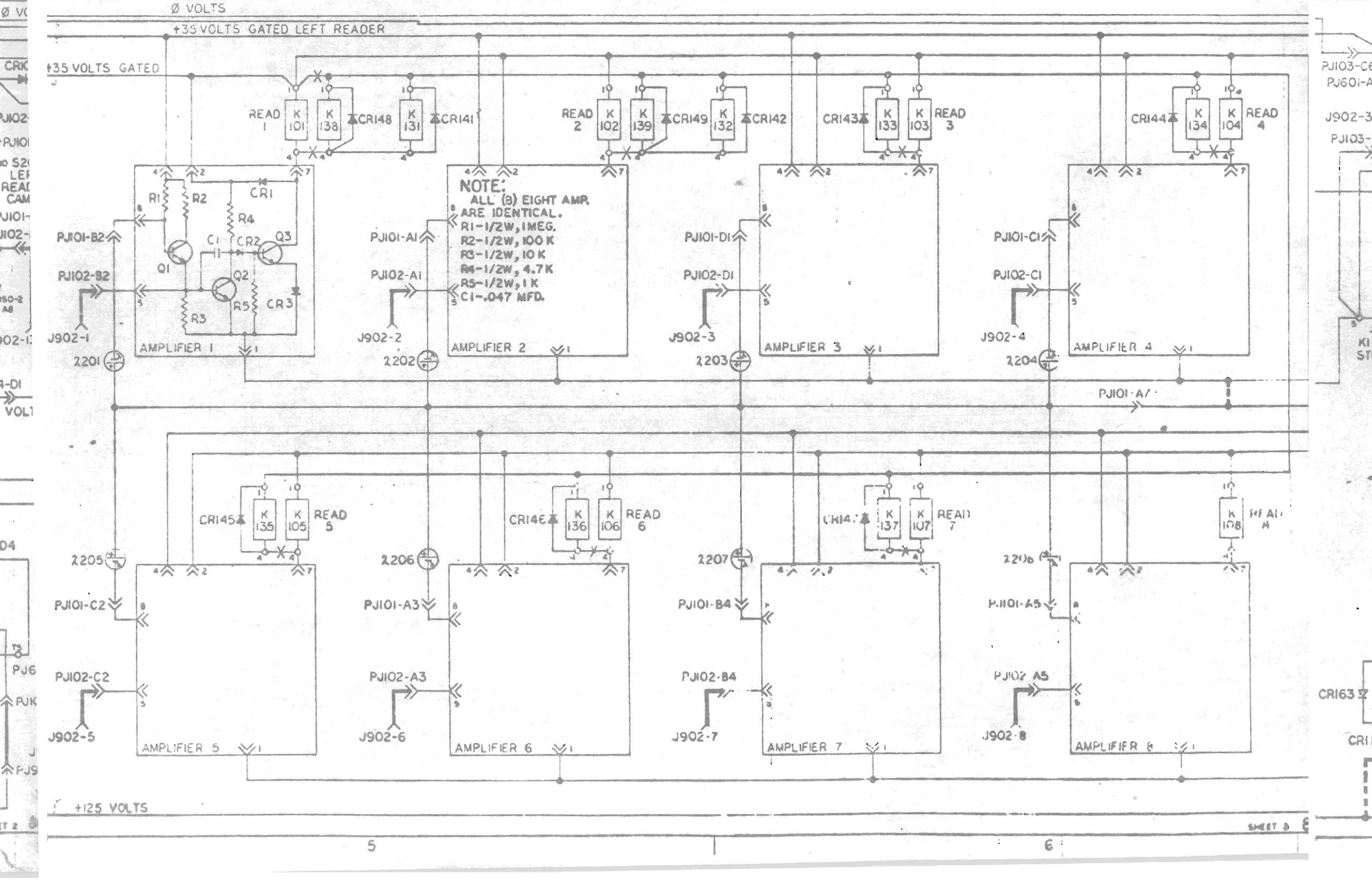
CONSTANT VOLTAGE TRANSFORMER

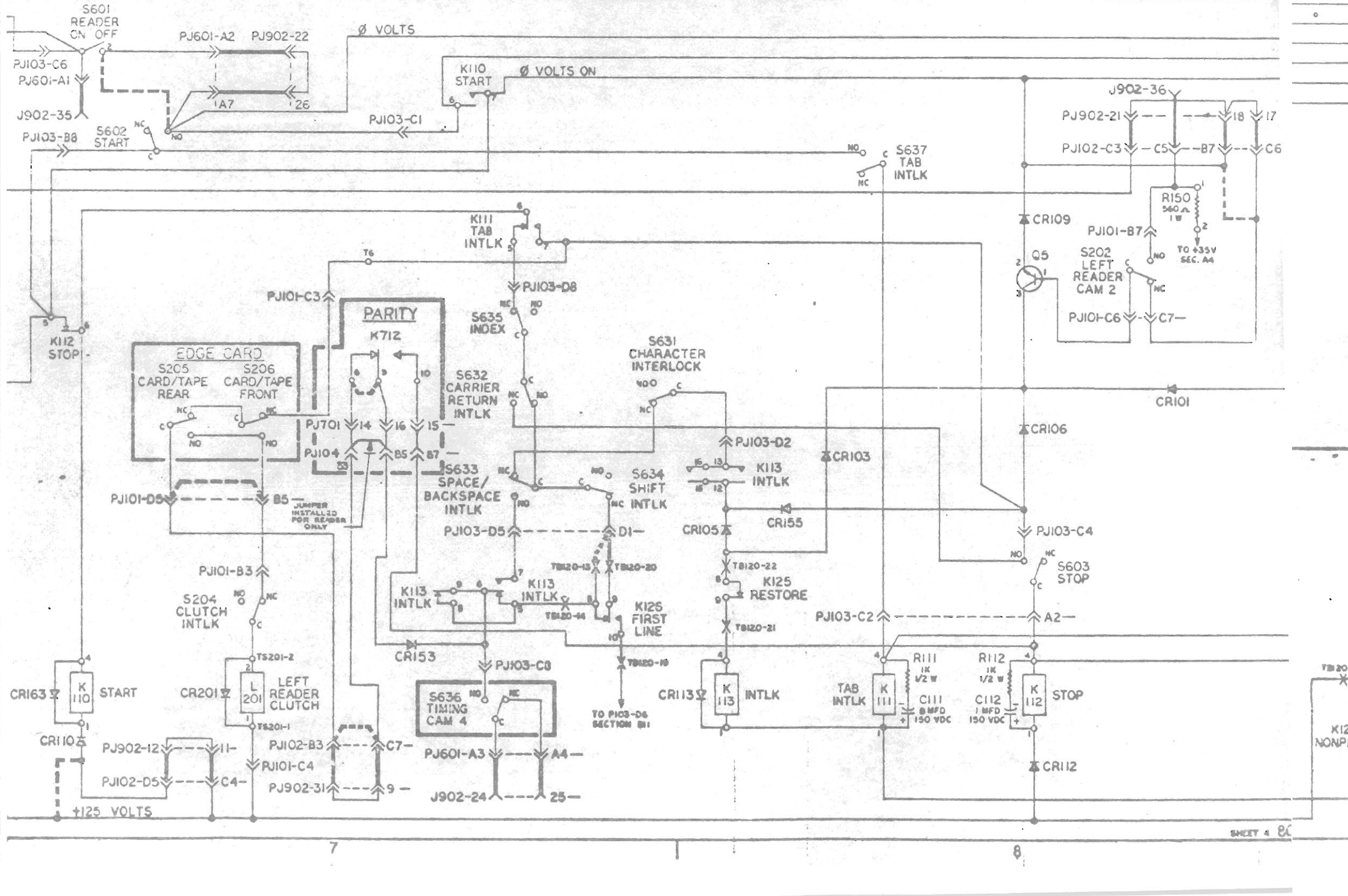
CK. Kerr 10-14-64

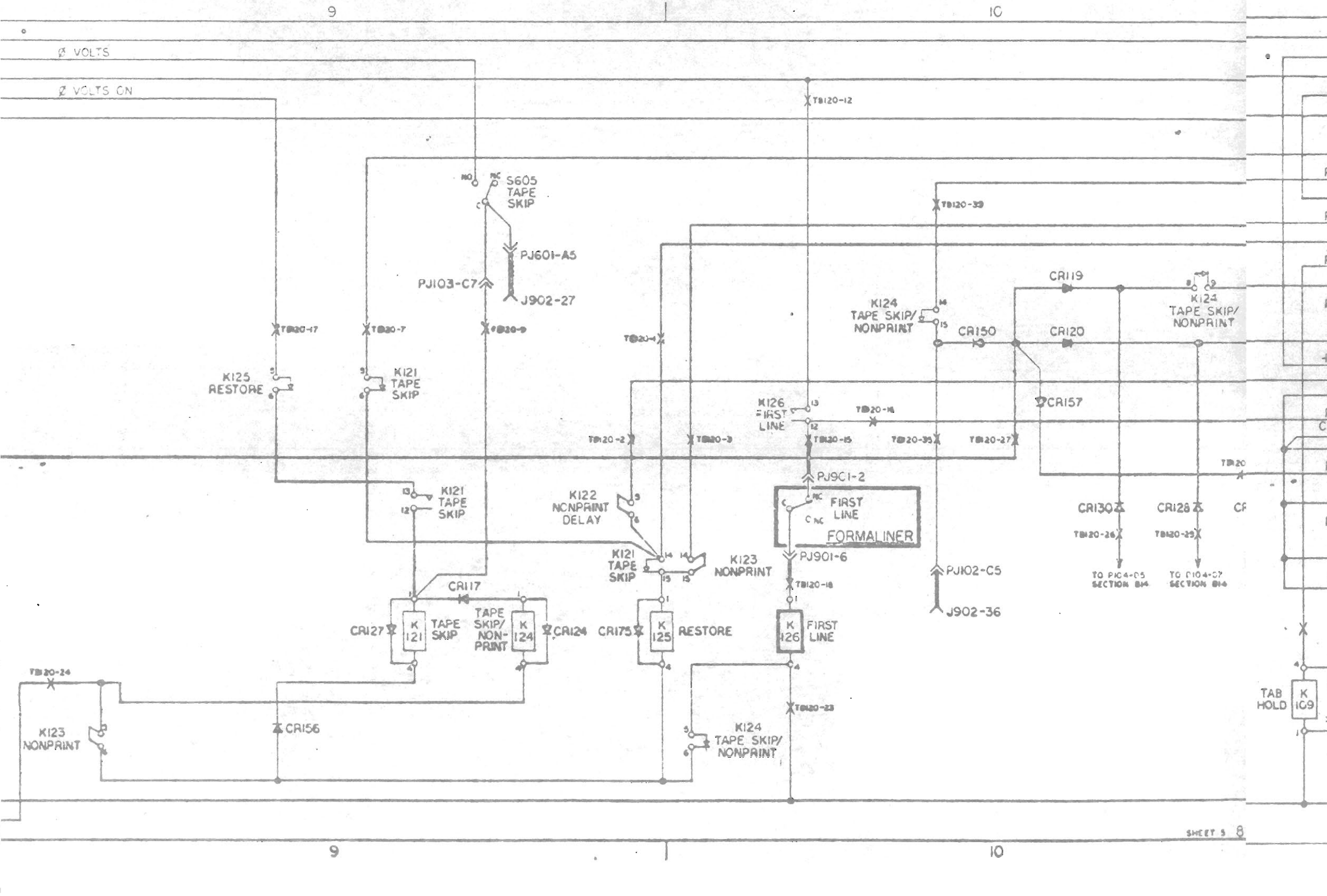
ENG. 10-14-64

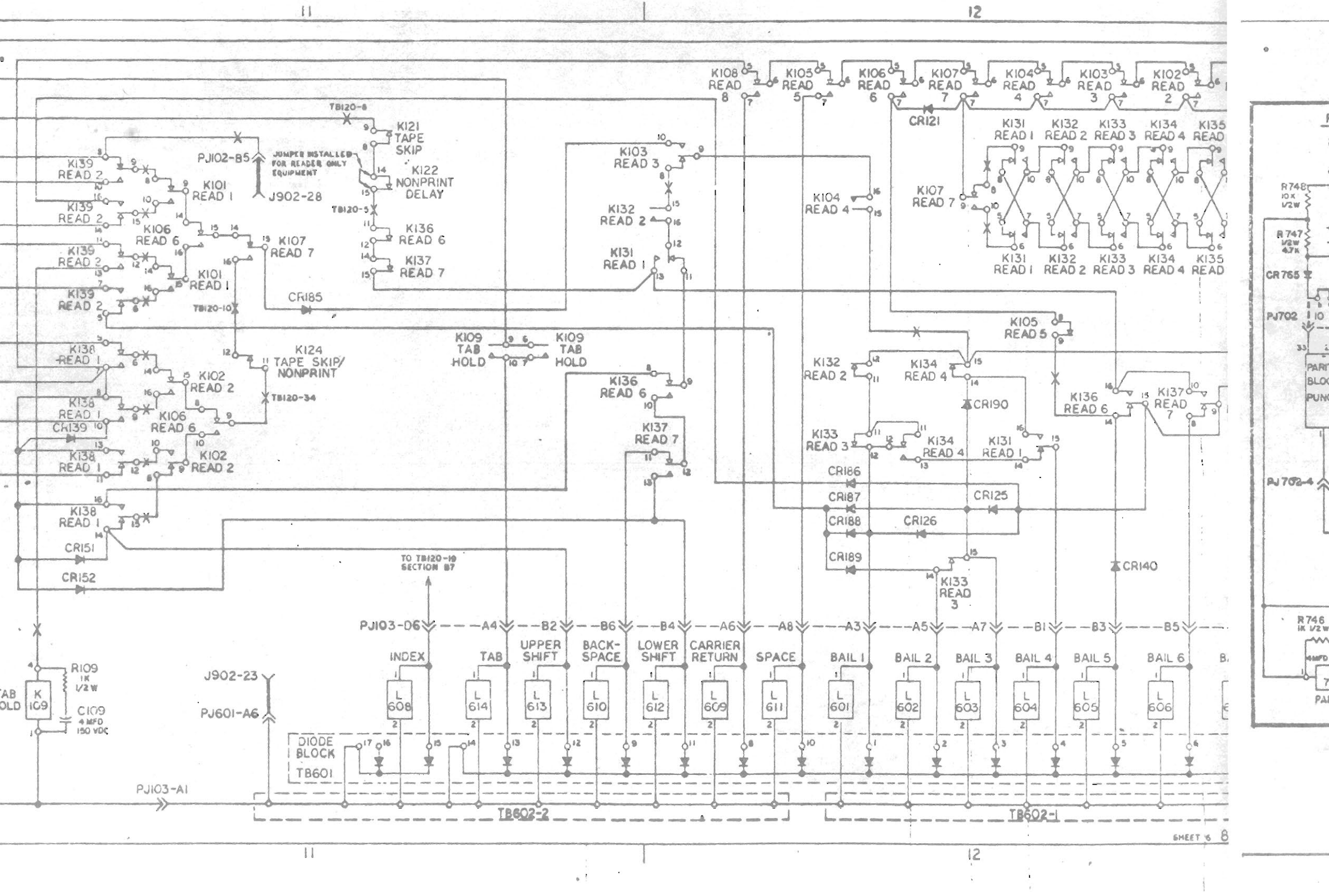
DRAWING NUMBER 8003138

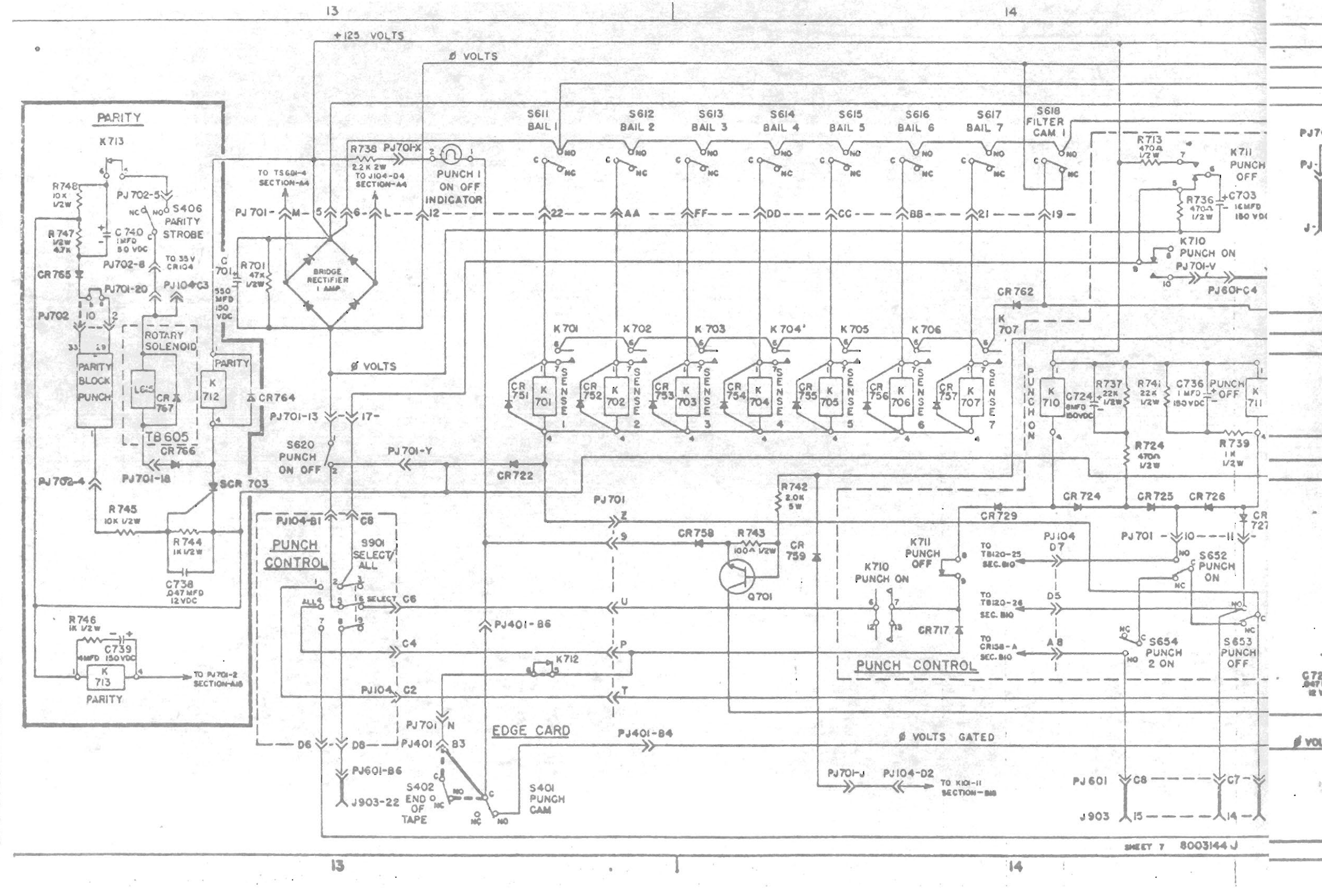

115V 60CYCLES
115V 50CYCLES
230V 60CYCLES
230V 50CYCLES
1 PHASE
MOTOR
FIRST LINE
S651 POWER ON OFF
S601 READER ON OFF
LEFT READER LAMPS
+125 VOLTS
SHEET 2

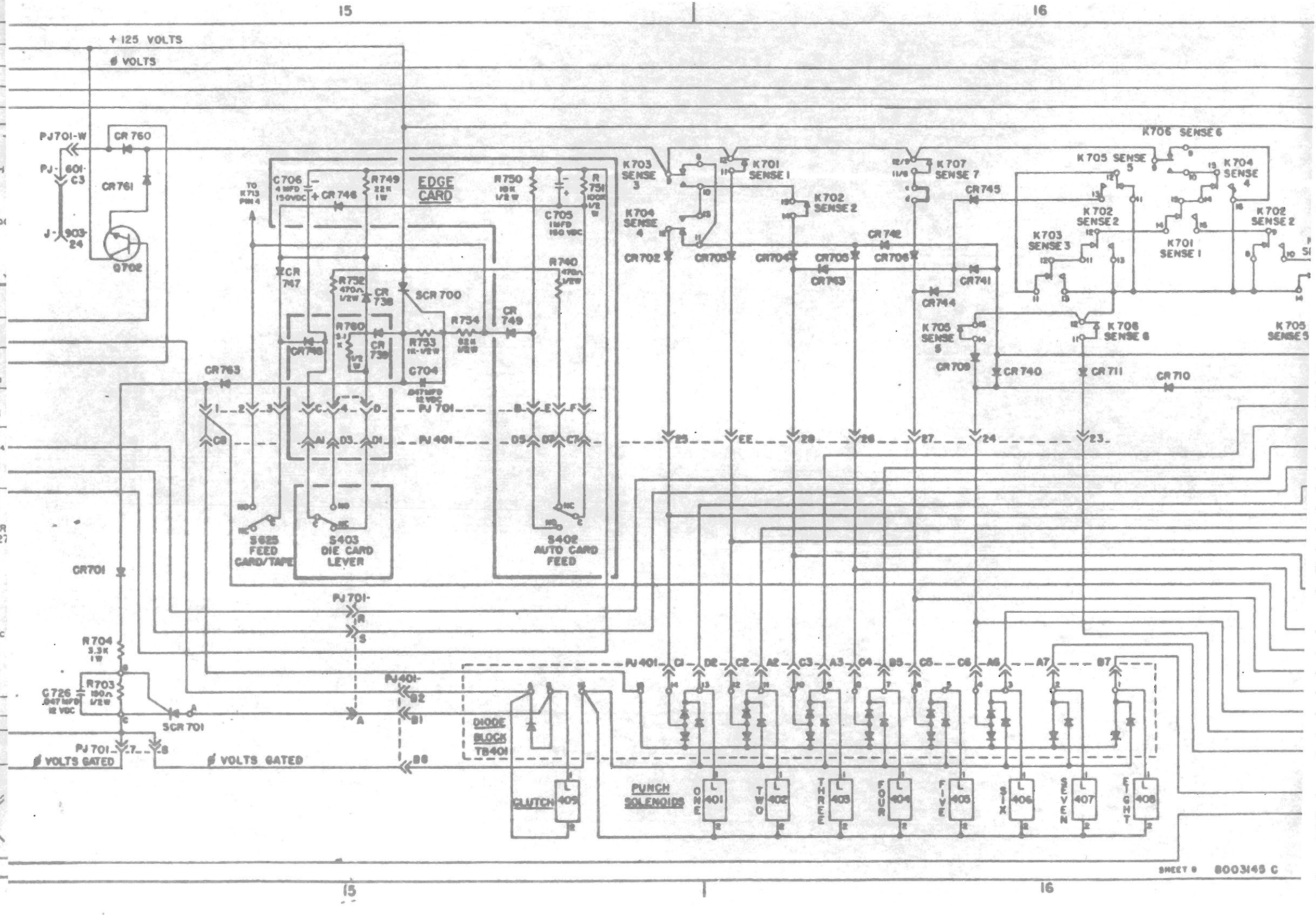

AMPLIFIER 1
AMPLIFIER 2
AMPLIFIER 3
AMPLIFIER 4
AMPLIFIER 5
AMPLIFIER 6
AMPLIFIER 7
AMPLIFIER 8
+125 VOLTS
SHEET 3

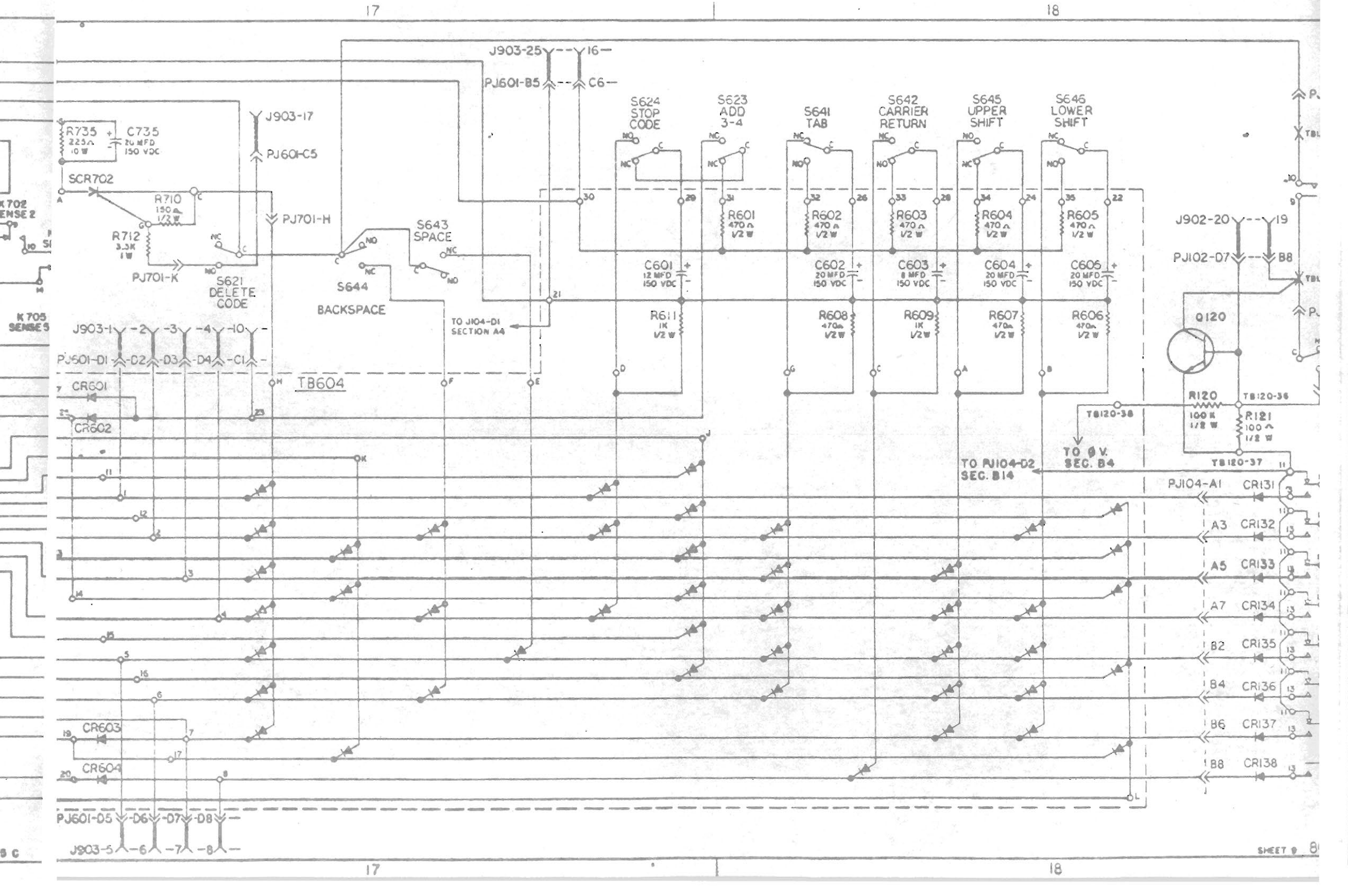

S601 READER ON OFF
K110 START
PARITY
EDGE CARD
S632 CARRIER RETURN INTLK
S631 CHARACTER INTERLOCK
S603 STOP
+125 VOLTS
SHEET 4

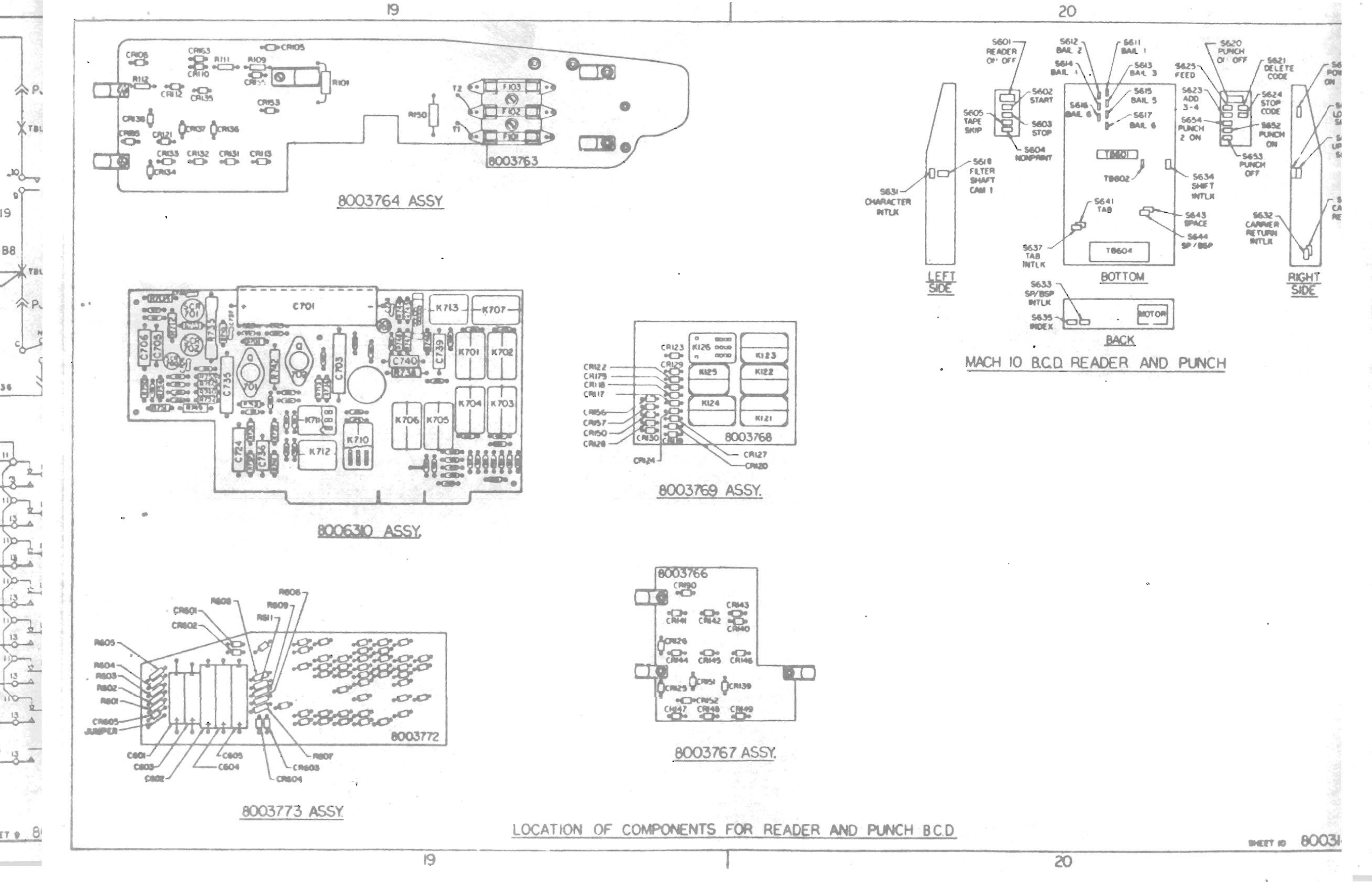

K125 RESTORE
K121 TAPE SKIP
K122 NONPRINT DELAY
K123 NONPRINT
K124 TAPE SKIP/ NONPRINT
FIRST LINE
FORMALINER
SHEET 5


INDEX
TAB
UPPER SHIFT
BACK-SPACE
LOWER SHIFT
CARRIER RETURN
SPACE
BAIL 1
BAIL 2
BAIL 3
BAIL 4
BAIL 5
BAIL 6
SHEET 6

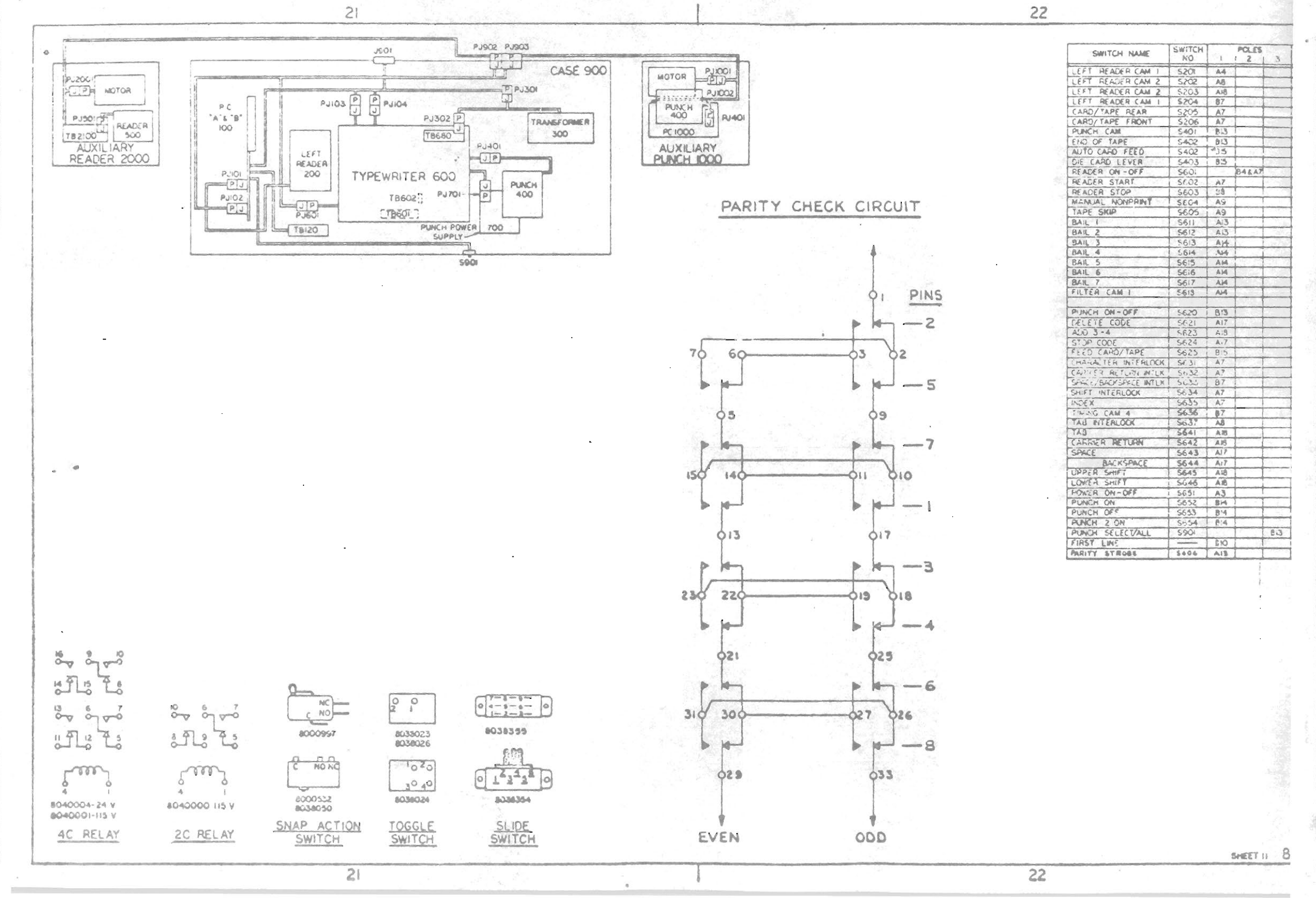

PARITY
PUNCH CONTROL
EDGE CARD
PUNCH I ON OFF INDICATOR
SHEET 7 8003144 J


EDGE CARD
PUNCH SOLENOIDS
CLUTCH
SHEET 8 8003145 C

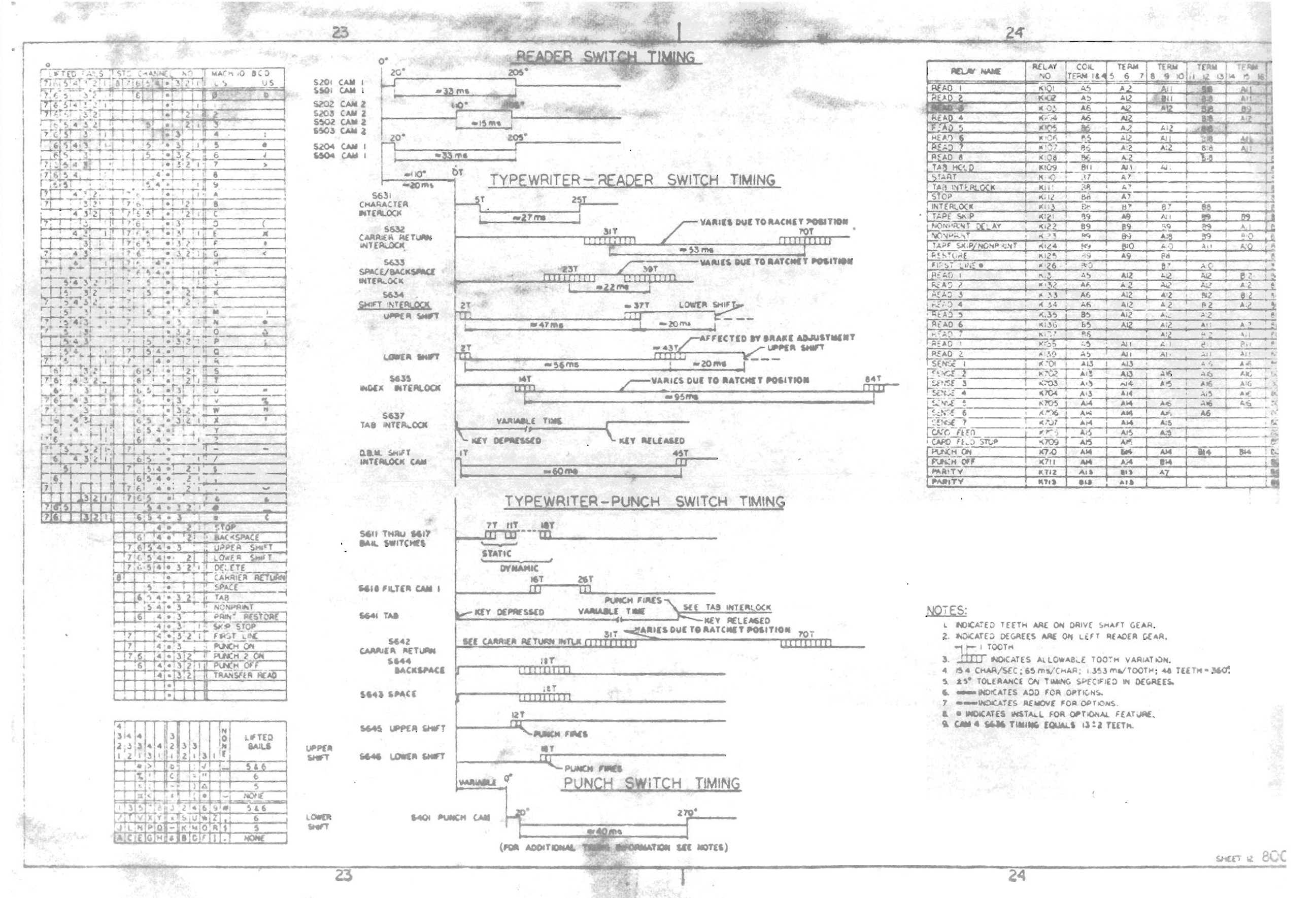

S643 SPACE
S644 BACKSPACE
S621 DELETE CODE
S623 ADD 3-4
S641 TAB
S642 CARRIER RETURN
S645 UPPER SHIFT
S646 LOWER SHIFT
TB604
SHEET 9 8003146 J


8003764 ASSY
8006310 ASSY
8003769 ASSY
8003773 ASSY
8003767 ASSY
LEFT SIDE
BOTTOM
BACK
RIGHT SIDE
MACH 10 B.C.D. READER AND PUNCH
SHEET 10

LOCATION OF COMPONENTS FOR READER AND PUNCH B.C.D.


AUXILIARY READER 2000
TYPEWRITER 600
CASE 900
AUXILIARY PUNCH 1000
PINS
EVEN
ODD
AC RELAY
DC RELAY
SNAP ACTION SWITCH
TOGGLE SWITCH
SLIDE SWITCH
SHEET 11

PARITY CHECK CIRCUIT


READER SWITCH TIMING
TYPEWRITER-READER SWITCH TIMING
TYPEWRITER-PUNCH SWITCH TIMING
PUNCH SWITCH TIMING
NOTES:
SHEET 12