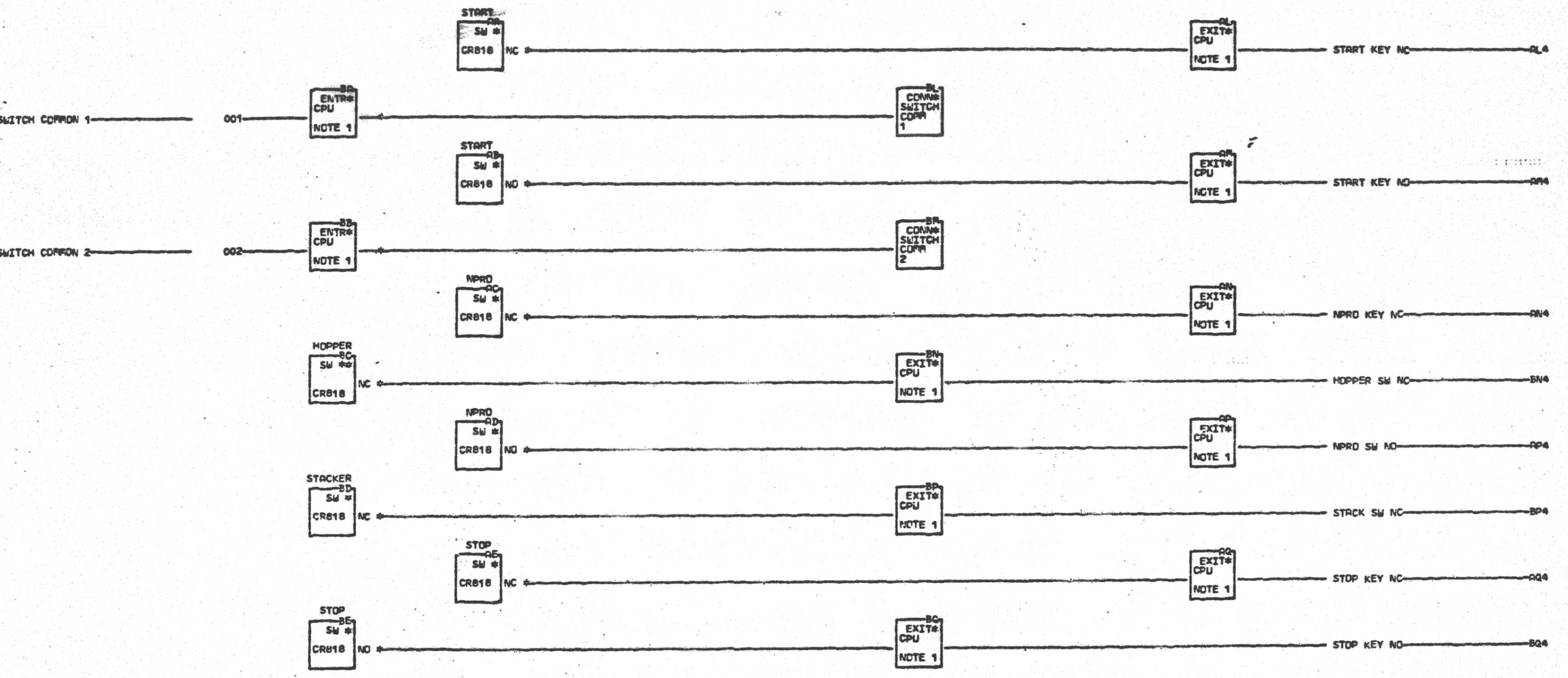


PAGE NO.	SH	TITLE	PART NO	EC NO.	FEATURE B/M OR B/MS
** LOGIC TYPE SYSTEM DIAGRAMS 0					
CR839		SWITCH AND LIGHT CONNECTIONS	0644667	811375	
CR840		SW & LITE CONN ARD USE METER REL	0644668	811375	
CR841		READ STATION SOLAR CELLS & AMP	0644669	812614	
CR843		ALL CELLS COV CHECK FL	0644642	812614	
CR851		MAG CB PICK AND SHPR PRE RD SC EX	0644670	812614	
CR852		SC & CB PICK COMM CONN PWR ON LGH	0644671	812614	
CR861		READ EMITTER-READ WRITE & BRASE C	0644672	811375	
CR871		FEED LATCH-	0644673	811375	
** LOGIC TYPE REFERENCE DATA 5					
CR804		POWER SUPPLY PICTORIAL	0644608	816309	
CR805	1	50 HZ POWER SUPPLY AND DISTRIBUTE	0644782	814477	.W. 0644505
CR805	2	50 HZ POW.SUP.DIST.1 BOARD & 1130	0644495	814477	.W. 0644505 .W. 0622587
CR805	3	50 HZ POW SUP DIST 1/2 BOARD/1130	0644498	814477	.W. 0644505 .W. 0622587
CR806		50 HZ PS COMPONENT AND DISTRIBUTE	0644613	816309	.W. 0644505
CR809		READ FEED TIMING CHART 1000 CPM	0644614	809400	.W. 0644505
CR817		READ STATION CONNECTOR	0644783	814117	
CR818		PRE RD SC CARD FEED CBS SWITCHES	0644784	816288	
CR819		MAGNETS AND RELAYS	0644661	814479	
CR823		CABLE CONNECTORS-BIF 5 6 7	0644662	812614	
CR824		CABLE CONNECTORS BIE 3 BIF 2 3	0644785	812614	
CR825		CABLE CONNECTORS BIE 2 BIF 4	0644786	812614	
CR830		D1A-B1 CARD LOCATION	0644787	812614	W/C 0691933
CR831	1	PIN SIDE GATE 1/2 BOARD&1130	0644499	816316A	.W. 0622587
CR831	2	PIN SIDE GATE 1 BOARD&1130	0644496	816316A	.W. 0622587
** LOGIC TYPE SLT BOARDS 6					
A-B1		CUSTOMIZED HALF BOARD	0644580	812614	

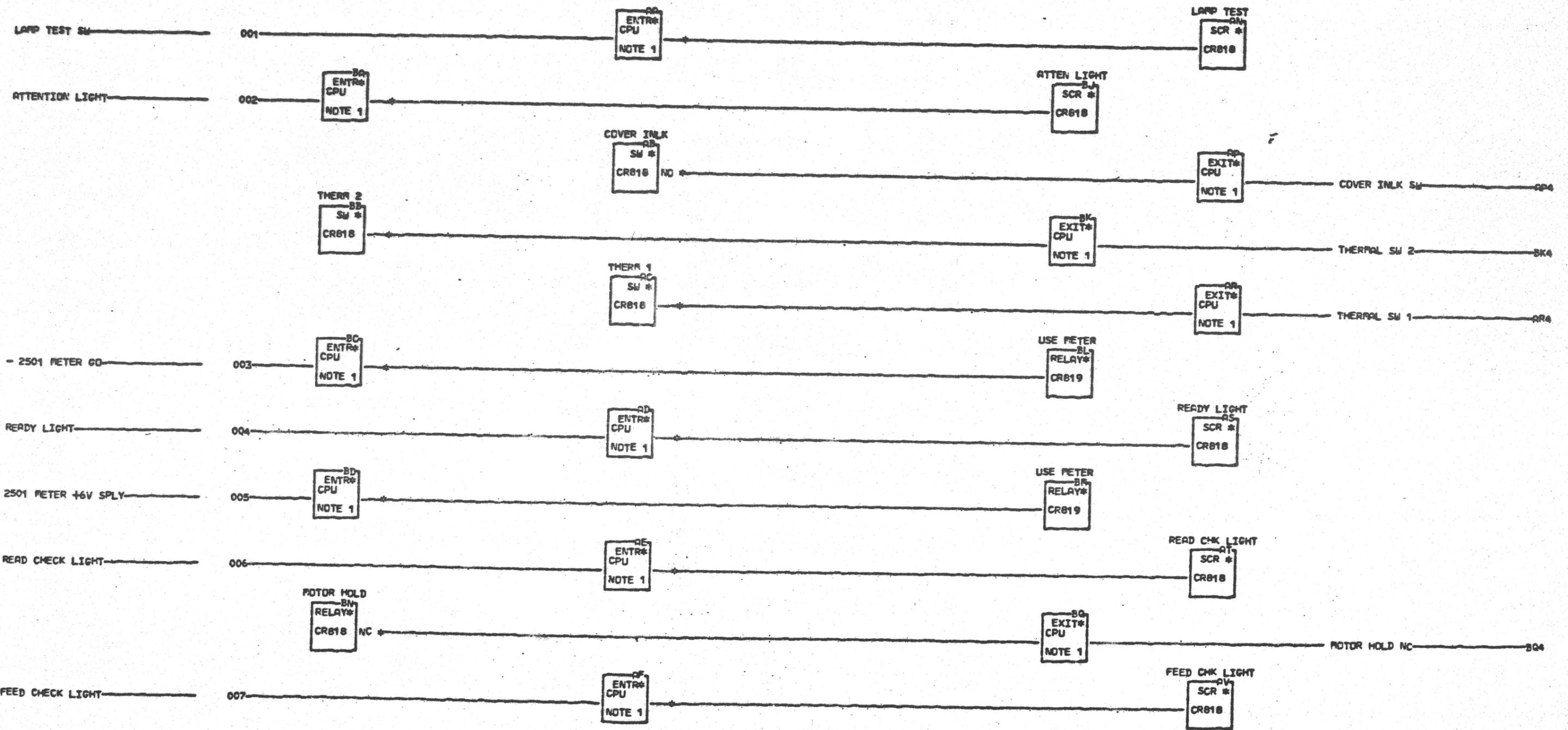


NOTE 1 REFER TO CR823 FOR CPU SIGNAL LOCATIONS.
 C FOR MACHINES WITH SIGNAL
 & QUICK-DISCONNECTS REFER TO
 3 PAGE CR823 FOR CONNECTOR PIN
 9 POSITIONS.

AA4 A-B1F4B07	01A-B1F5B12	BE4 A-B1F4B13
01A-B1F5B07	BA4 A-B1F5D07	01A-B1F5B13
AB4 A-B1F4B08	01A-B1F4D07	
01A-B1F5B08	BB4 A-B1F5D09	
AC4 A-B1F4B09	01A-B1F4D09	
01A-B1F5B09	BC4 A-B1F4D10	
AD4 A-B1F4B10	01A-B1F5D10	
01A-B1F5B10	BD4 A-B1F4D11	
AE4 A-B1F4B12	01A-B1F5D11	

SWITCH AND LIGHT CONNECTIONS	
E-C-HISTORY	RACH. 2501A
	FRAME 01
	IBM CORP. SDD
DATE LAST EC	P.No. 644667
02-23-66 811375	

CR839
000



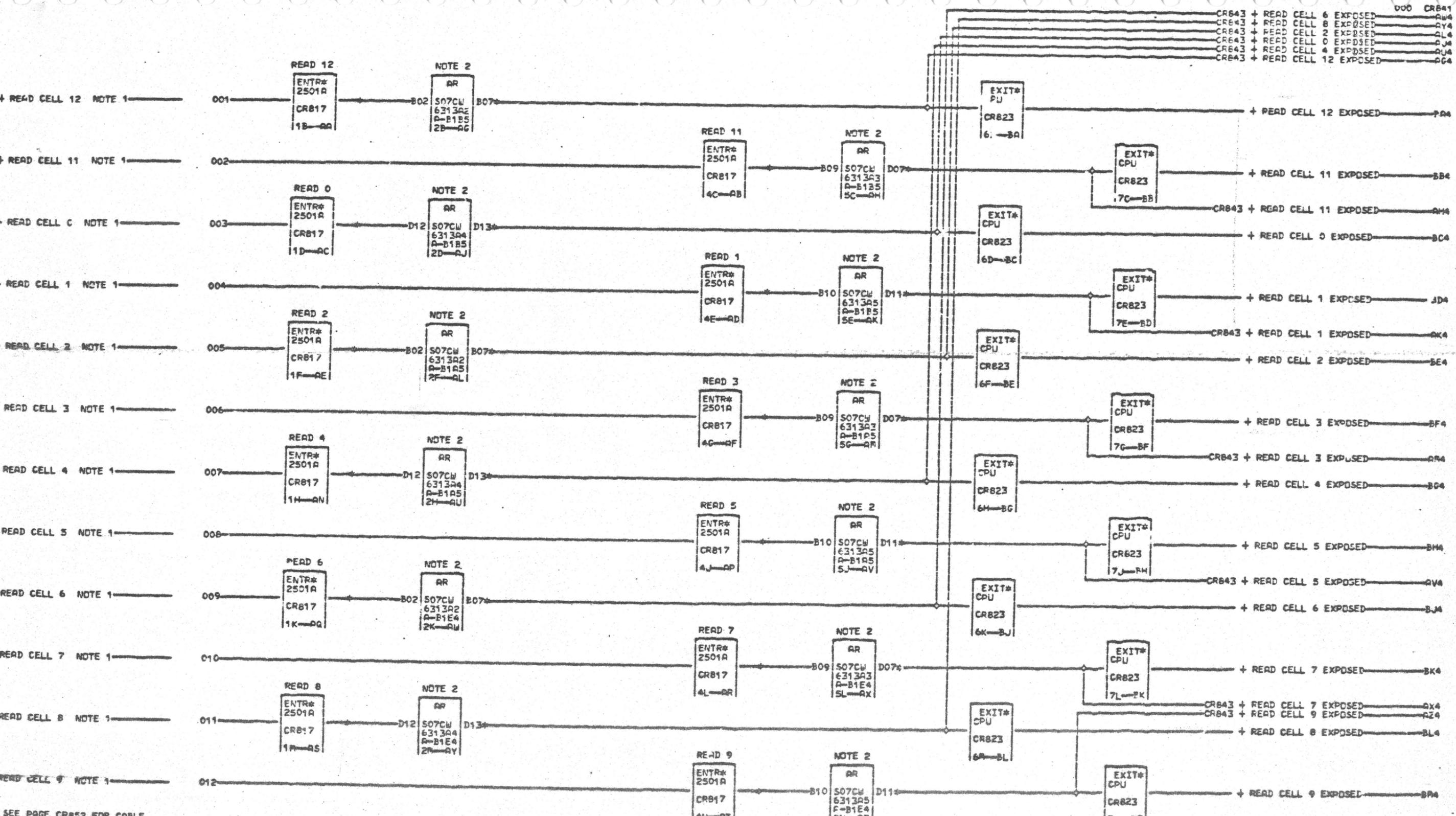
NOTE 1 REFER TO CR823 FOR CPU SIGNAL LOCATIONS.

C FOR MACHINES WITH SIGNAL
 R QUICK-DISCONNECTED REFER TO
 4 PAGE CR823 FOR CONNECTOR PIN
 0 POSITIONS.

AA4 A-B1F5B02	01A-B1F4D05	BD4 A-B1F7D07
01A-B1F4B02	AF4 A-B1F5B05	01A-B1E2D07
AB4 A-B1F4B03	01A-B1F4B05	BN4 A-B1E2D06
01A-B1F5B03	BA4 A-B1F4D06	01A-B1F5D02
AC4 A-B1F4D04	01A-B1F5D06	
01A-B1F5D04	BB4 A-B1F4D13	
AD4 A-B1F5B04	01A-B1F5D13	
01A-B1F4B04	BC4 A-B1F7B07	
AE4 A-B1F5D05	01A-B1E2B07	

ITCH AND LIGHT CONNECTIONS
 USE PETER RELAY
 E-C-HISTORY RACH-2501A
 FRAME 01
 IBF CORP. SDD
 DATE LAST EC 02-25-66 811375
 P.No. 644668

CR840
 000



CR843 + READ CELL 6 EXPOSED → PA4
 CR843 + READ CELL 8 EXPOSED → BA4
 CR843 + READ CELL 2 EXPOSED → CA4
 CR843 + READ CELL 0 EXPOSED → DA4
 CR843 + READ CELL 4 EXPOSED → EA4
 CR843 + READ CELL 12 EXPOSED → FA4

SEE PAGE CR852 FOR CABLE
 COMMON CONNECTIONS.
 NOTE 1 READ CELL OUTPUT WHEN
 EXPOSED WILL BE + WITH FIBER
 OPTICS AND - WITHOUT FIBER
 OPTICS.
 NOTE 2 FOR MACHINES WITHOUT
 FIBER OPTICS THE 6313 CARD
 WILL BE A 3471 CARD.

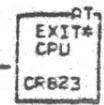
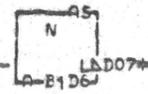
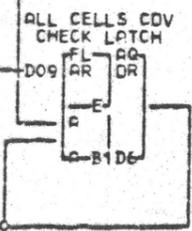
AA4	A-21F3D05	AK4	A-21F6B09	AQA	A-21F6B13
AB4	A-21F3D06	AL4	A-21F6B10	AV4	A-21F6D09
AC4	A-21F3D09	AM4	A-21F6B12	AW4	A-21F6D10
AD4	A-21F3D10	AN4	A-21E3D05	AX4	A-21F6D11
AE4	A-21F3D12	AP4	A-21E3D06	AY4	A-21F6D12
AF4	A-21F3D13	AQ4	A-21E3D09	AZ4	A-21F6D13
AG4	A-21F6B05	AA4	A-21E3D10		
AH4	A-21F6B07	AS4	A-21E3D12		
AI4	A-21F6B08	AT4	A-21E3D13		

02-25-66 811375
 10-03-66 812614

READ STATION AMPLIFIERS			
AMPLIFIERS			
DATE 12-21-66 MACH. 2501A			
LOG	C29	FRAME	01
		Rev.	644669
IBM CORP. SDD BLK.			CA



FEED CB 3 CR651AH4



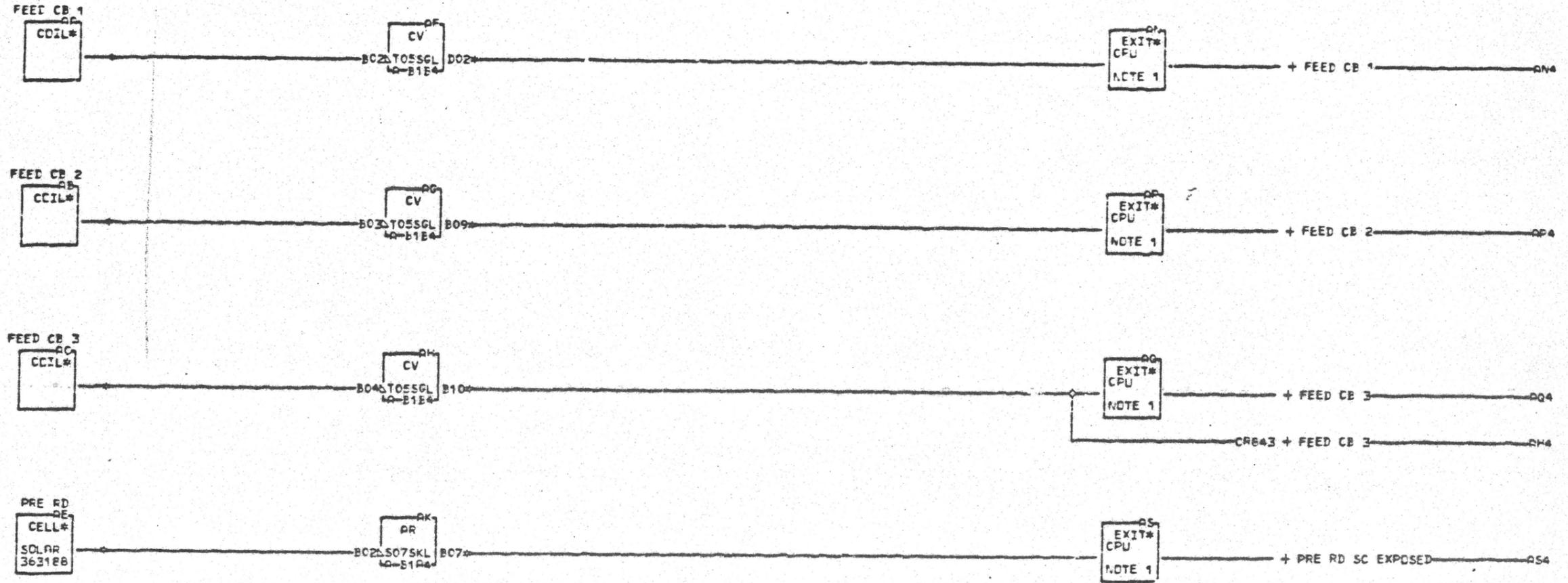
- FIBER OPTIC TEST FL - AT4

AS4 A-21F7B09

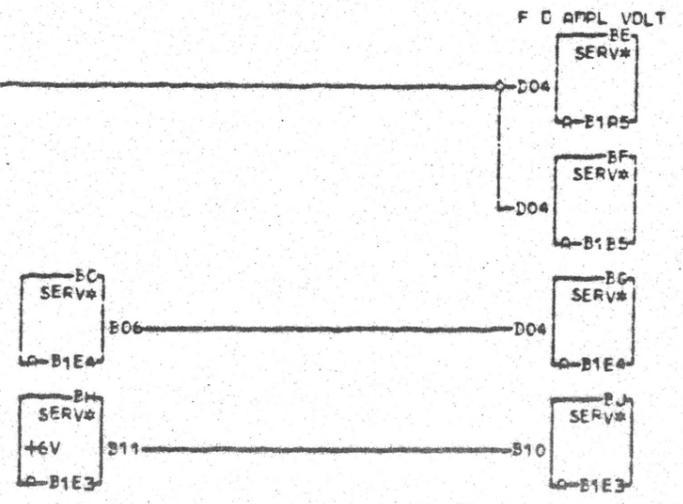
LDC TYPE A-B1D6 8064

ALL CELLS COV CHECK FL	
Evolution HISTORY	FRAME 01
DATE LAST EC	IBM CORP. SDD
10-03-66 812614	P.No. 644642

CR 8 4 3 000



FIBER OPTIC VOLTAGE CR652AJ4

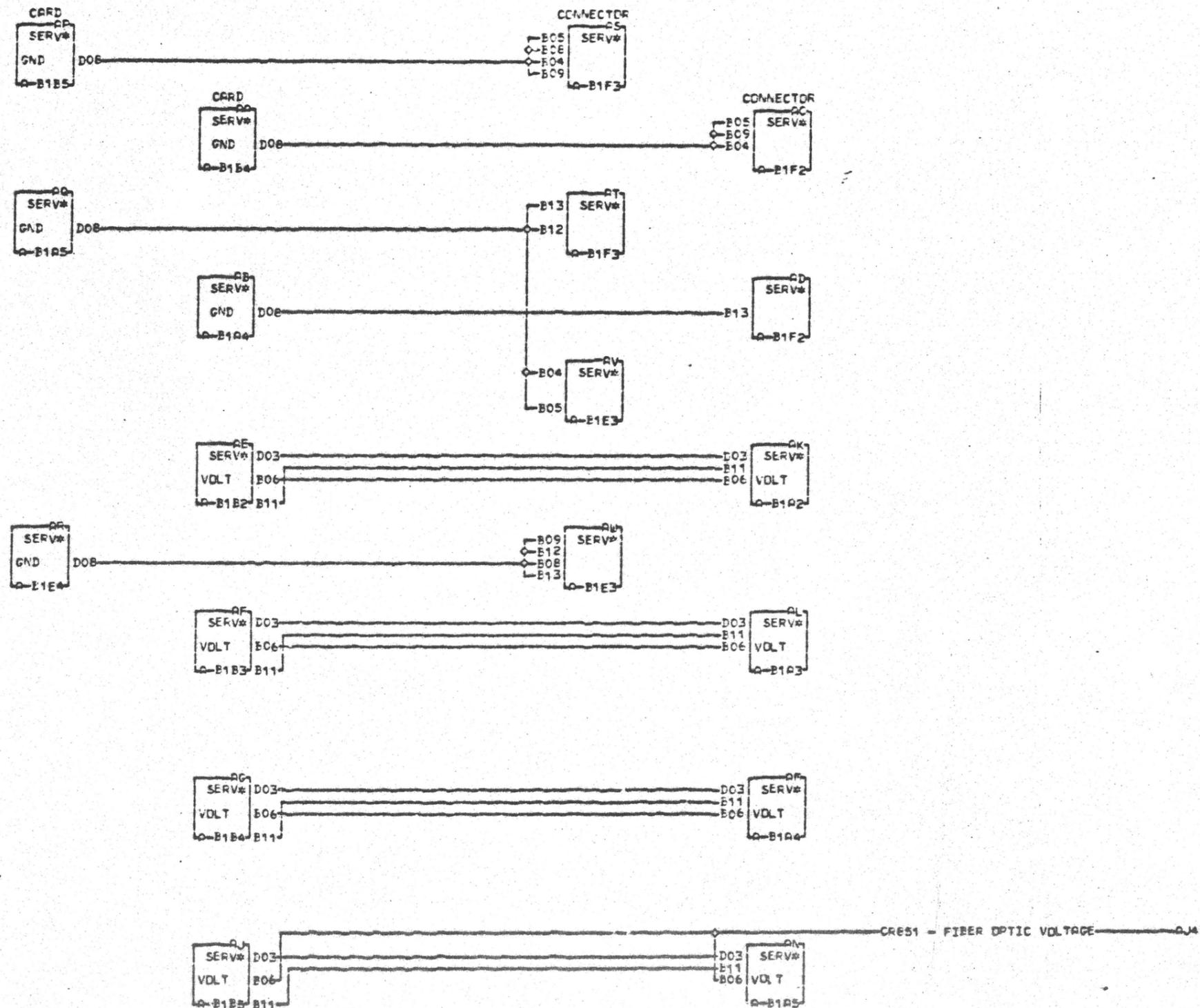


SEE PAGE CR652 FOR CABLE
 COMMON CONNECTIONS.
 ADJUST CB GAP TO ONE CARD
 THICKNESS.
 NOTE 1 REFER TO CR623 FOR CPU
 SIGNAL LOCATIONS.
 FOR MACHINES WITH SIGNAL
 QUICK-DISCONNECTS REFER TO
 CR623 FOR CONNECTOR PIN
 POSITIONS.

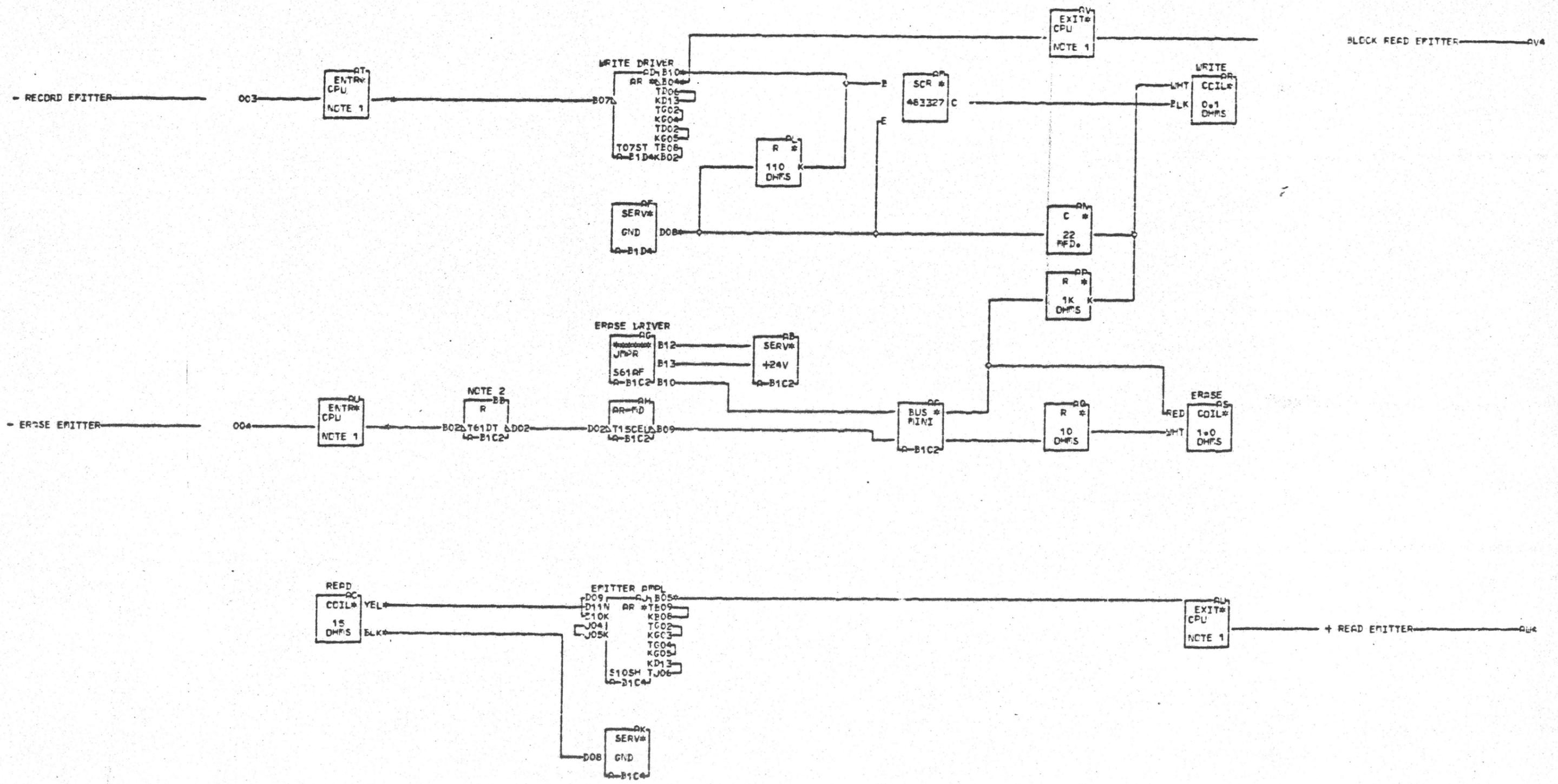
- ADA D-11F2D04
- ABA D-11F2D05
- ACA D-11F2D09
- AEA D-11F2D13
- AFA D-11F5D02
- AGA D-11F6D04
- AHA D-11F6D05
- AKA D-11F6E04

LCC TYPE
 D-E1A4 3471
 D-E1E4 3498

MAGNETIC CB PICKUPS AND SHAPER PRE RD SC EXPOSED		C R 6 5 1
EC-HISTORY 611375	FRAM#2501A FRAME 01	
DATE 10-03-66	LAST EC 812614	IBM CORP. SDD P.No 644670



SC AND CE PICKUP COMMON CONNECTIONS. PWR ON LIGHT GND		C N U M B E R
E-C-HISTORY		
811375	ACN#2501A	
DATE	LAST EC	FRAME 01
110-03-66 812614		IBF CORP. SDD
		P.No 644671
		000

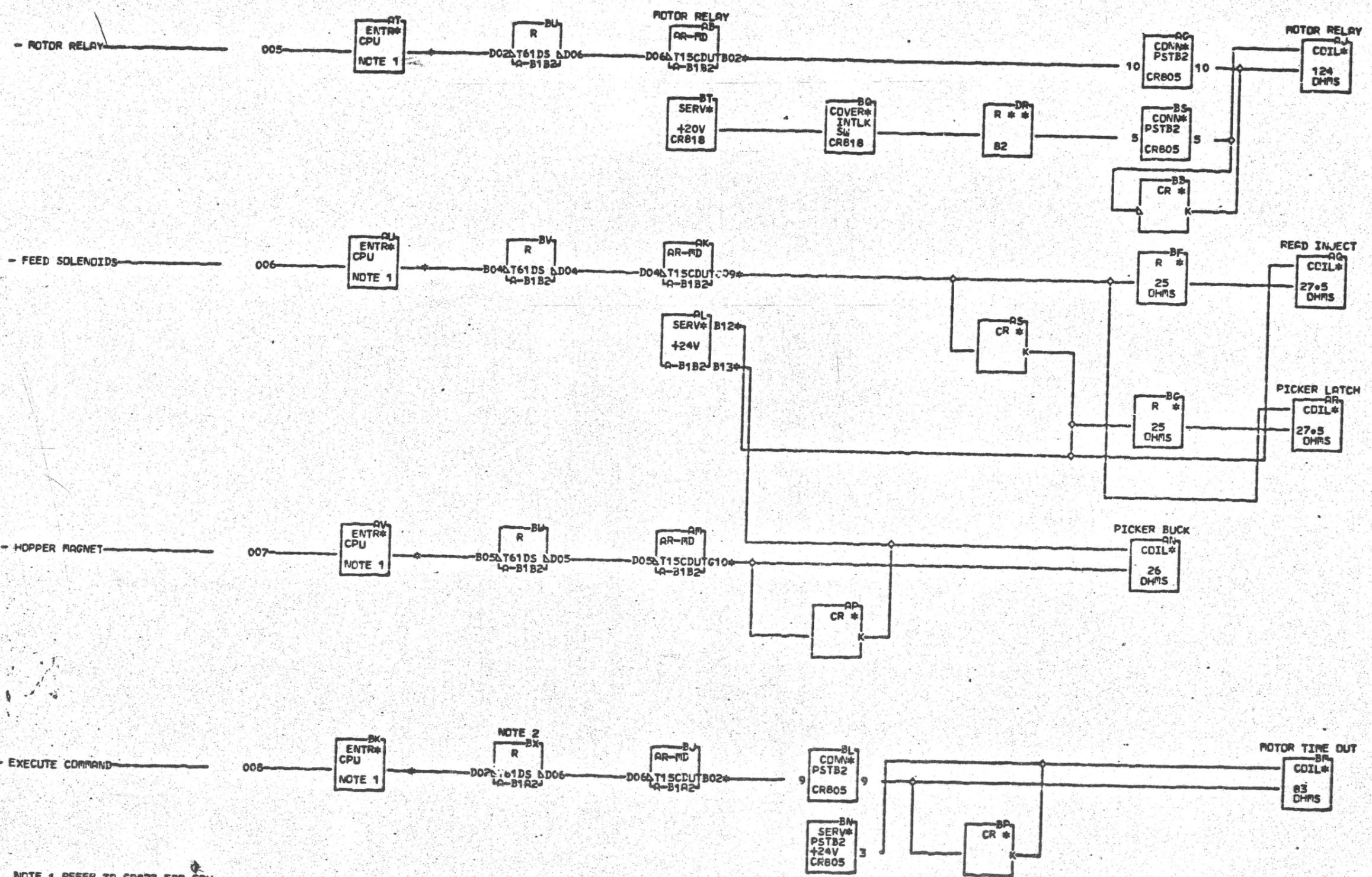


ADJUST EMITTER APPL OUTPUT PULSE WIDTH TO 550 SECONDS.
 C NOTE 1 REFER TO CR823 FOR CPU SIGNAL LOCATIONS
 R SIGNAL LOCATIONS
 B NOTE 2 MAY BE PN 5804297.
 6 FOR MACHINES WITH SIGNAL 1 QUICK-DISCONNECT REFER CR823 FOR CONNECTOR PIN POSITIONS.

- AC2 A-81F3D02
- AC5 A-81F3E02
- AD1 A-81E3D02
- AD2 A-81F65C3
- AF4 A-81E3B02
- AJ1 A-81F6B02
- AT4 A-81F7D04
- AU6 A-81F7D02

LDC.	TYPE
A-81C2	7140
A-81C4	6295
D-81D4	4253

RE-1 EMITTER READ WRITE AND ERASE CIRCUITS		C R B 6 1
-E-C-HISTORY-		
DATE	LAST EC	IB7 CONF. SEC
02-25-66	811325	
FRAME 01		000
PACH# 2501A		
Pole 644672		

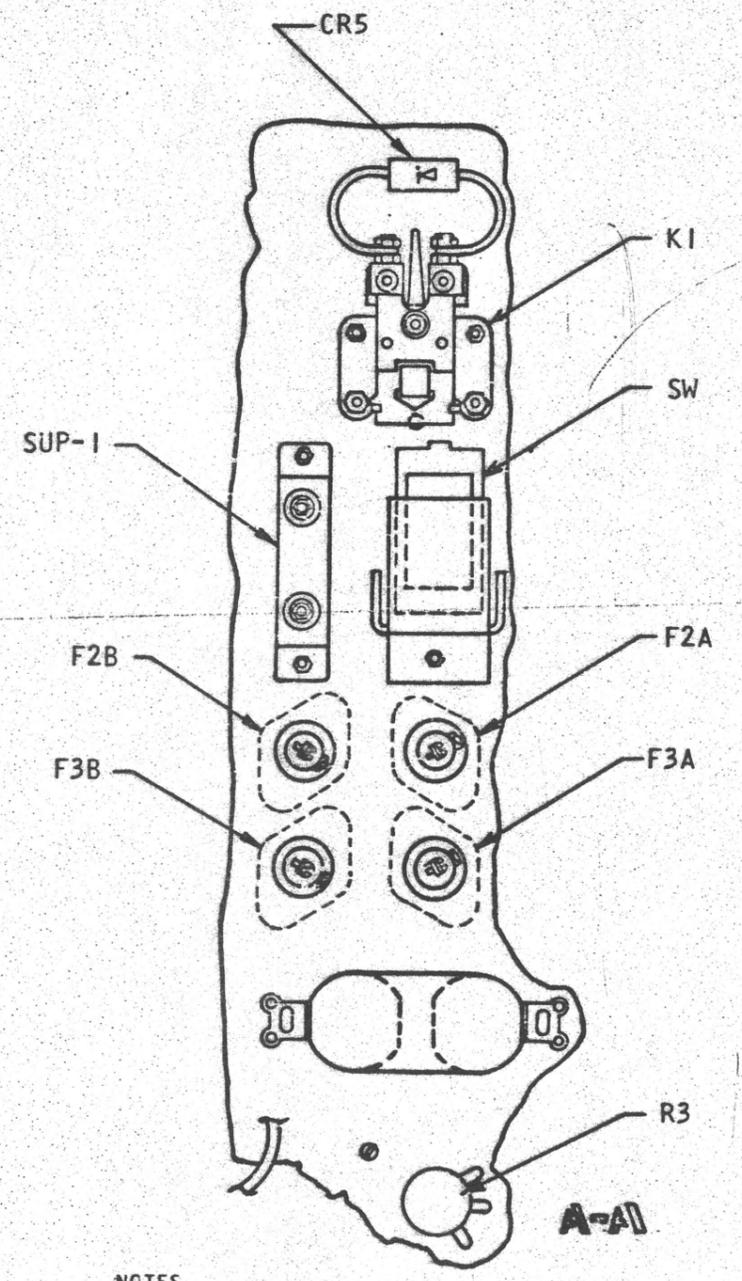
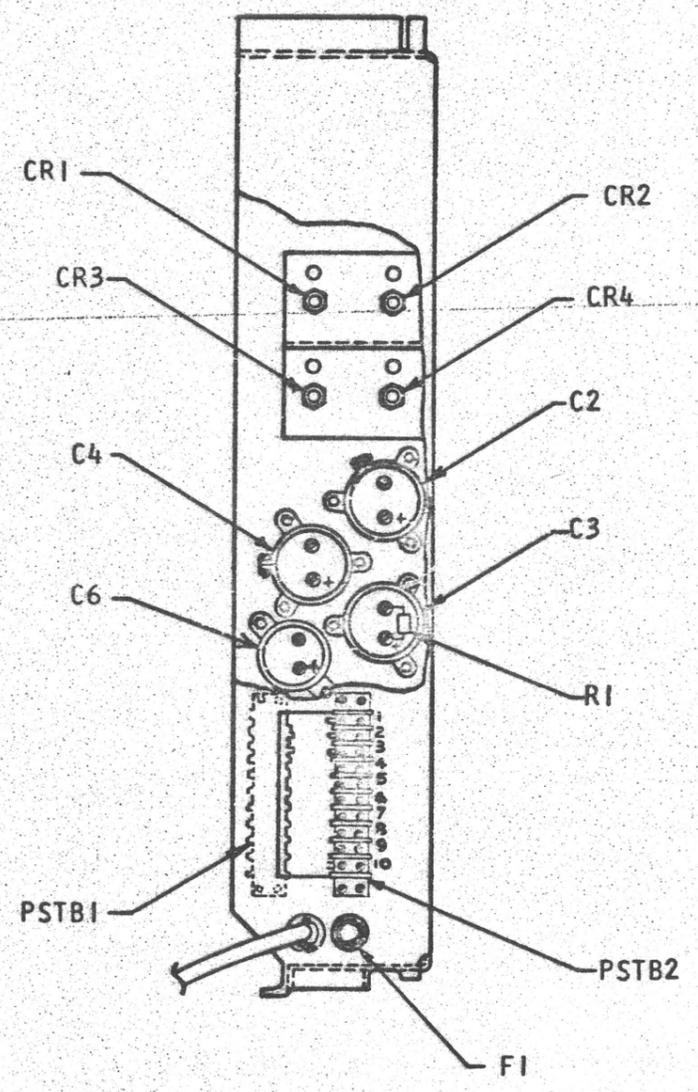
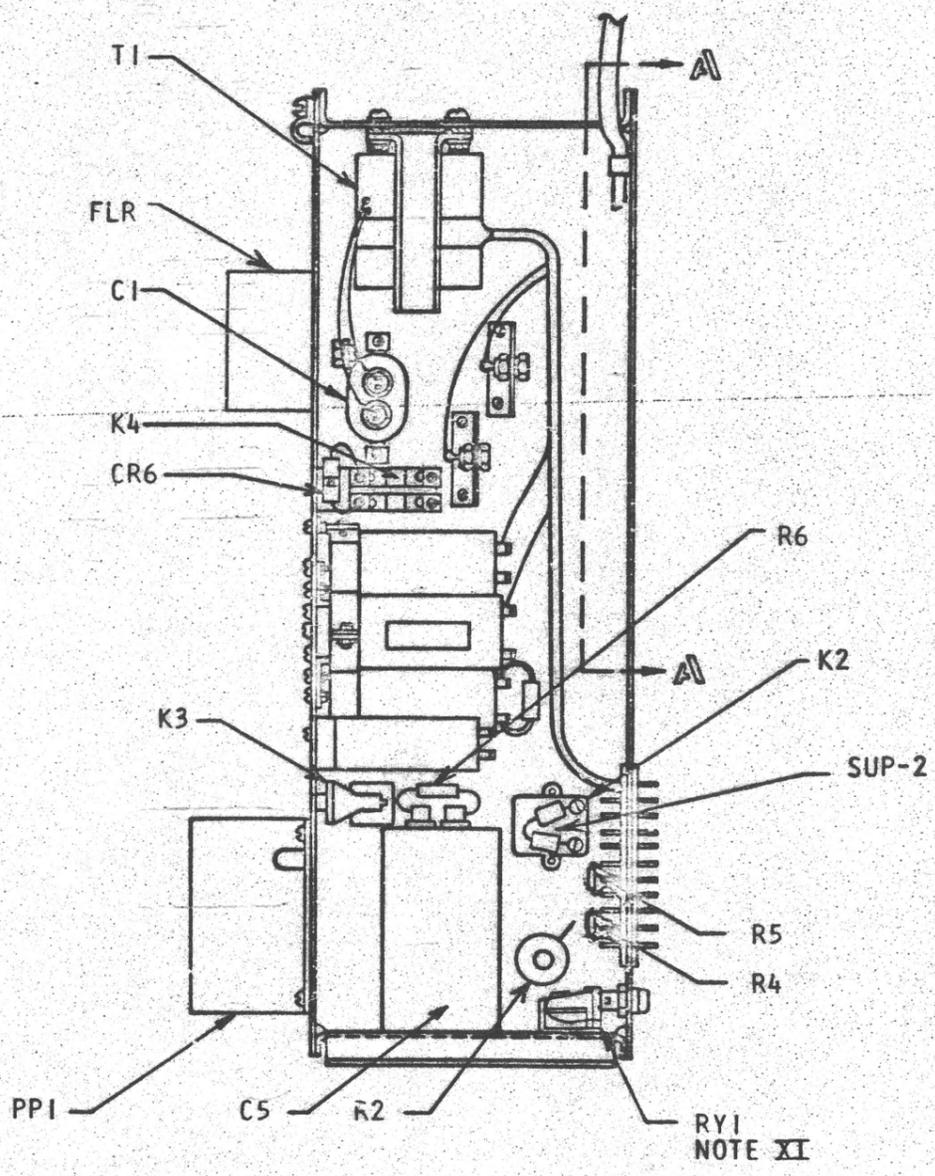


NOTE 1 REFER TO CR823 FOR CPU SIGNAL LOCATIONS.
 NOTE 2 MAY BE PN 5804299 FOR MACHINES WITH SIGNAL QUICK-DISCONNECTS REFER TO CR823 FOR CONNECTOR PIN POSITIONS.

- AB4 A-B1E2D05 BK4 A-B1F7B02
- AK4 A-B1E2D02
- AL2 A-B1E2B02
- AL6 A-B1E2B04
- AP4 A-B1E2D04
- AT4 A-B1F7B03
- AU4 A-B1F7B04
- AV4 A-B1F7B05
- BX4 A-B1E2B03

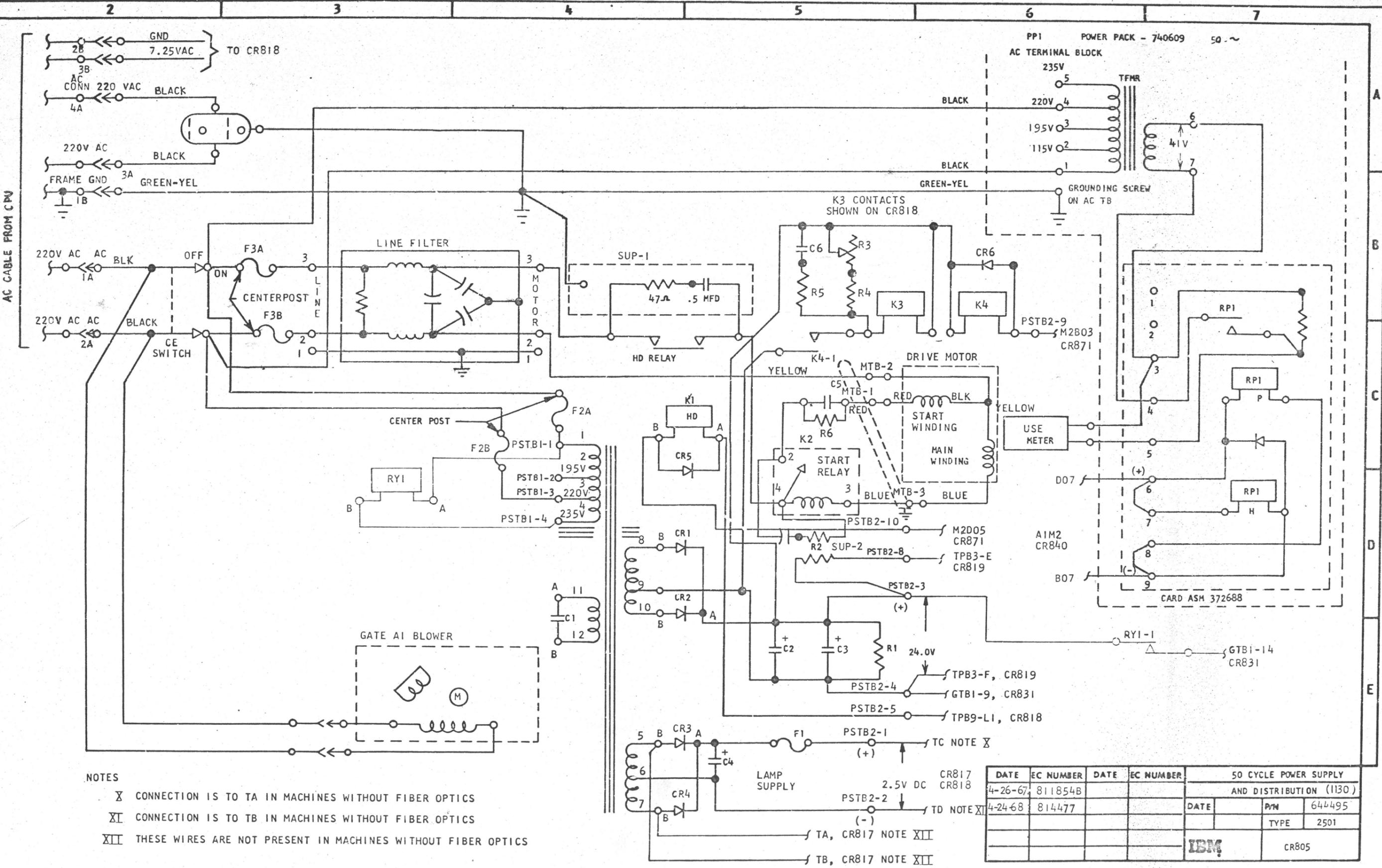
LDC TYPE
 A-B1P2 7141
 A-B1B2 7141

FEED LATCH-HOPPER MAGNET-MOTOR RELAY	
ECO-HISTORY	RACH-2501A
DATE	FRAME 01
LAST EC	IBM CORP. SDD
02-25-66 811375	P.No. 644673



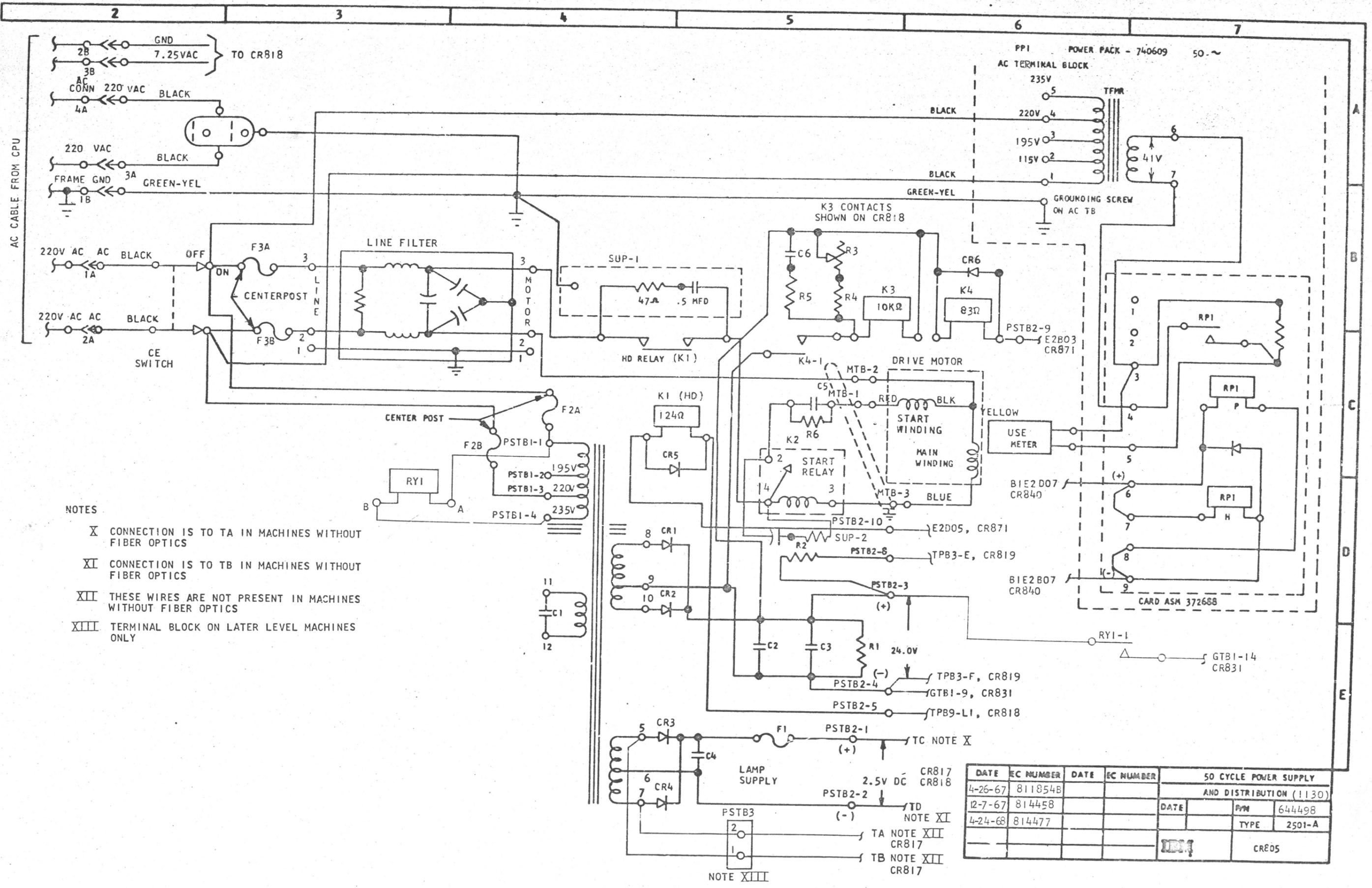
NOTES
 X SEE LOGIC PAGE CR806 FOR COMPONENT PART NUMBER
 XI RELAY RY1 IS USED FOR 1130 ATTACHMENT FEATURE ONLY

DATE	EC NUMBER	DATE	EC NUMBER	POWER SUPPLY
2-4-65	809400	2-2-66	811458	PICTORIAL
3-31-65	809670	4-15-66	811855	DATE
12-28-65	810984	4-24-68	814477	P/N 644608
		4-14-69	816309	TYPE 2501
				IBM CR 804



NOTES
 X CONNECTION IS TO TA IN MACHINES WITHOUT FIBER OPTICS
 XI CONNECTION IS TO TB IN MACHINES WITHOUT FIBER OPTICS
 XII THESE WIRES ARE NOT PRESENT IN MACHINES WITHOUT FIBER OPTICS

DATE	EC NUMBER	DATE	EC NUMBER	50 CYCLE POWER SUPPLY AND DISTRIBUTION (1130)	
4-26-67	811854B			DATE	P/M 644495
4-24-68	814477				TYPE 2501
				IBM	
				CR805	



- NOTES
- X CONNECTION IS TO TA IN MACHINES WITHOUT FIBER OPTICS
 - XI CONNECTION IS TO TB IN MACHINES WITHOUT FIBER OPTICS
 - XII THESE WIRES ARE NOT PRESENT IN MACHINES WITHOUT FIBER OPTICS
 - XIII TERMINAL BLOCK ON LATER LEVEL MACHINES ONLY

DATE	EC NUMBER	DATE	EC NUMBER	50 CYCLE POWER SUPPLY AND DISTRIBUTION (1130)	
4-26-67	811854B			DATE	PWM 644498
12-7-67	814458				TYPE 2501-A
4-24-68	814477				
					CR05

FUSES

CODE	DESCRIPTION	PART NO.
F1	8.0 AMP (INSTANT.)	261853
F2A-F2B	.4 AMP (LONG LAG)	117403
F3A-F3B	1.6 AMP (LONG LAG)	228391

PRIMARY TERMINAL CONNECTIONS

INPUT VOLTAGE	T1	INPUT	JUMPERS
195	1	2	-
220	1	3	-
235	1	4	-

COMPONENT CHART

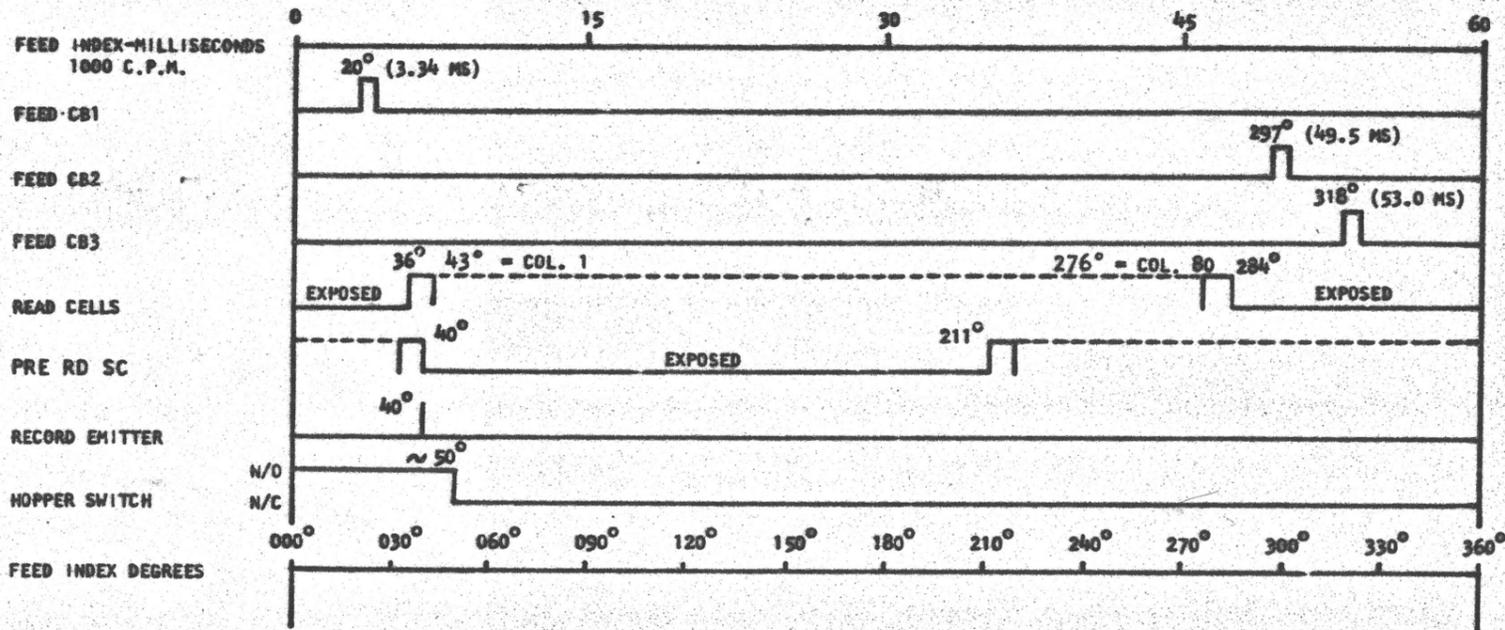
CODE	DESCRIPTION	PART NO.
C1	CAPACITOR-8 MFD, 330 VAC	317045
C2,C3	CAPACITOR-10K MFD., 33 VDC	208238
C4	CAPACITOR-25K MFD, 6 VDC	598343
C5	CAPACITOR	524854
CR1-CR4	RECTIFIER-10 AMP, 150V	3008825
CR5,CR6	DIODE ASM-AM	639290
PP1	POWER PAC ASM-METER 50 ~	740609
R1	RESISTOR ASM-300 OHMS, 5 W	644518
R2	RESISTOR ASM-40 OHMS, 25W	597364
K1	RELAY (MOTOR)	363416
K2	RELAY (START)	312477
T1	TRANSFORMER ASM	644548
SUP-1	ARC SUPPRESSOR	173706
SW	SWITCH	109872
K3	RELAY (MOTOR HOLD)	471715
K4	RELAY (RESET TIME DELAY)	609149
C6	CAPACITOR-1K MFD. 45V DC	208227
R3	POTENTIOMETER-10K OHMS, 2W	460531
R4	RESISTOR ASM.-1K OHM, 1/2 W	5270734
R5	RESISTOR ASM.-10 OHM, 1W	5709305
FLR	FILTER	4120712
R6	RESISTOR ASM 15K OHM 2W	647519
SUP-2	RES-CAP ASM (100-.1 UF)	672568
RY1	RELAY (1130 ATTACHMENT)	526688

NOTES

X SEE LOGIC PAGE CR804 FOR COMPONENT LOCATION IN POWER SUPPLY

DATE	EC NUMBER	DATE	EC NUMBER	POWER SUPPLY COMPONENTS AND CONNECTIONS 50 CYCLE	
9-4-64	808234V	2-2-65	1145	DATE	P/N 644613
2-4-65	809400	4-15-66	811855	TYPE	2501
3-31-65	809670	4-24-68	814477		
7-8-65	810236	4-14-69	816309		
12-28-65	810984	7-1-69	816333		

IBM CR806

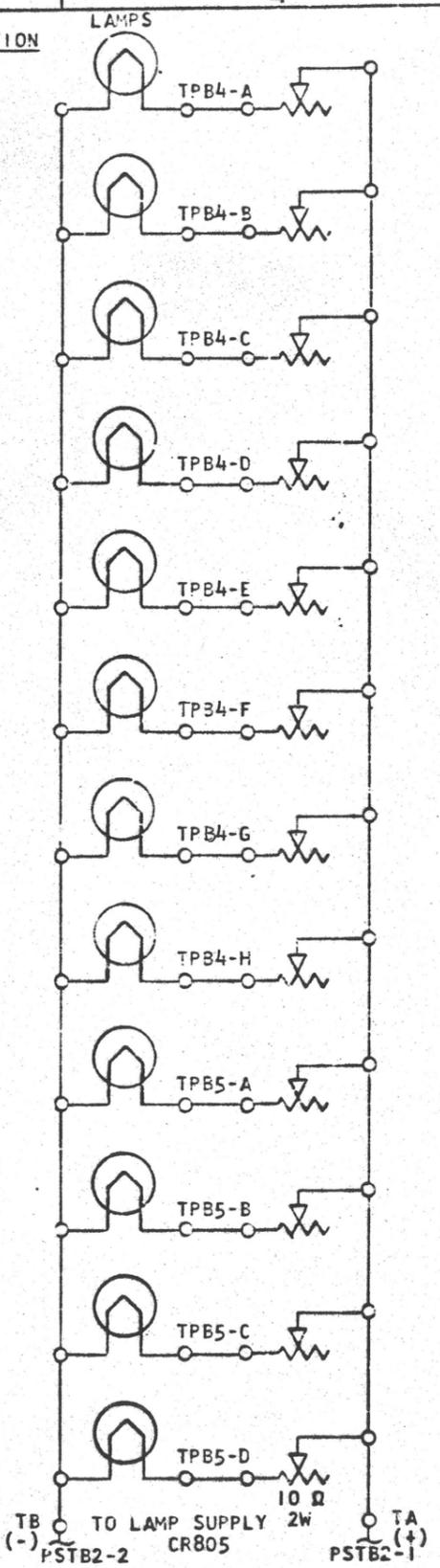
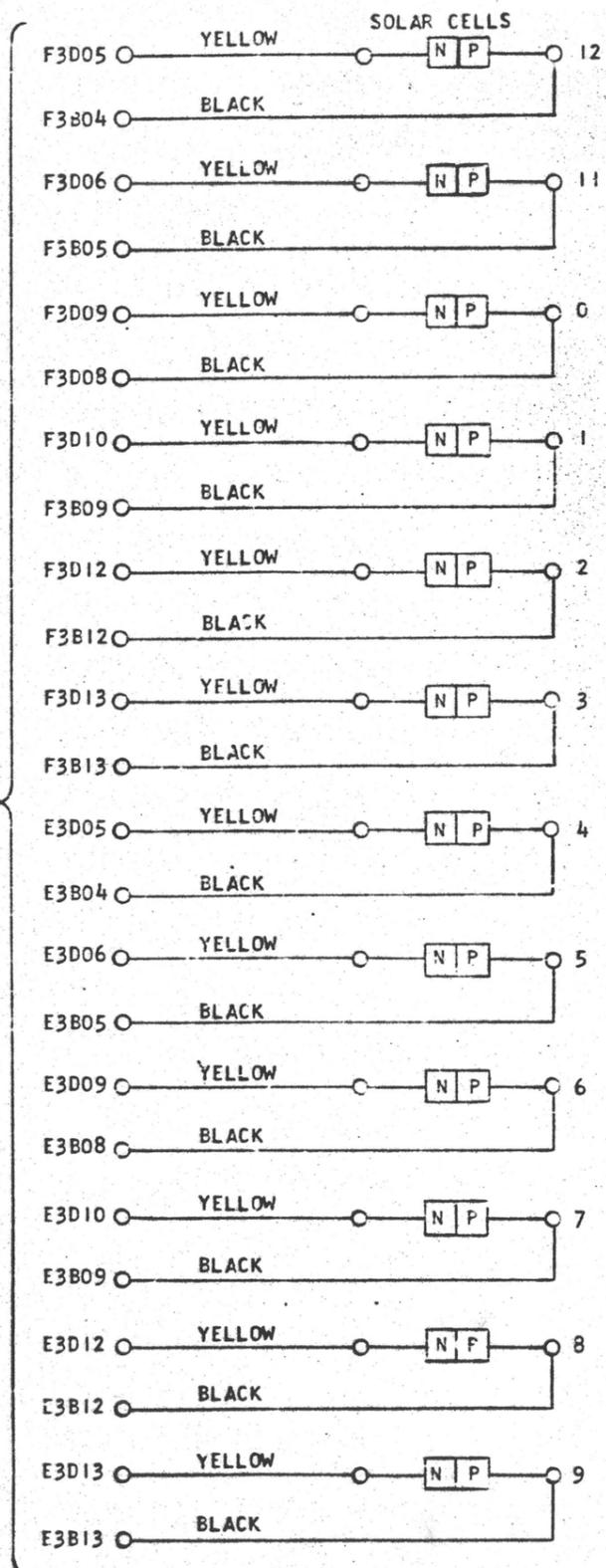


NOTES
 X THESE TIMINGS ARE APPROXIMATE AND FOR REFERENCE ONLY.

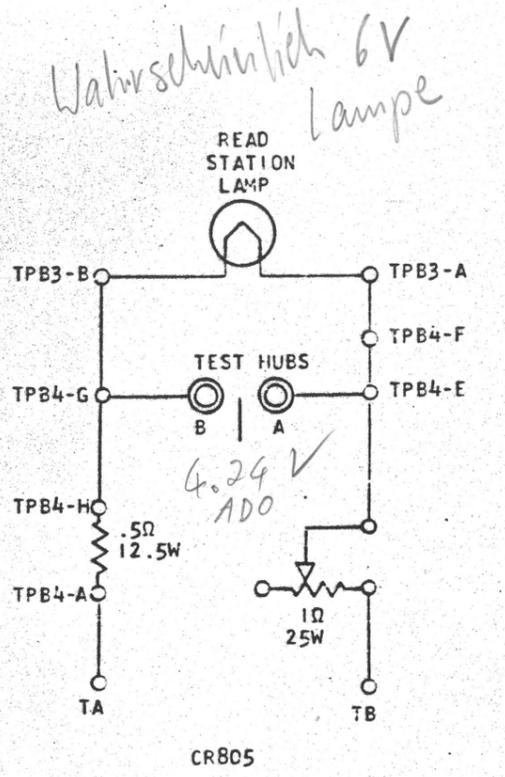
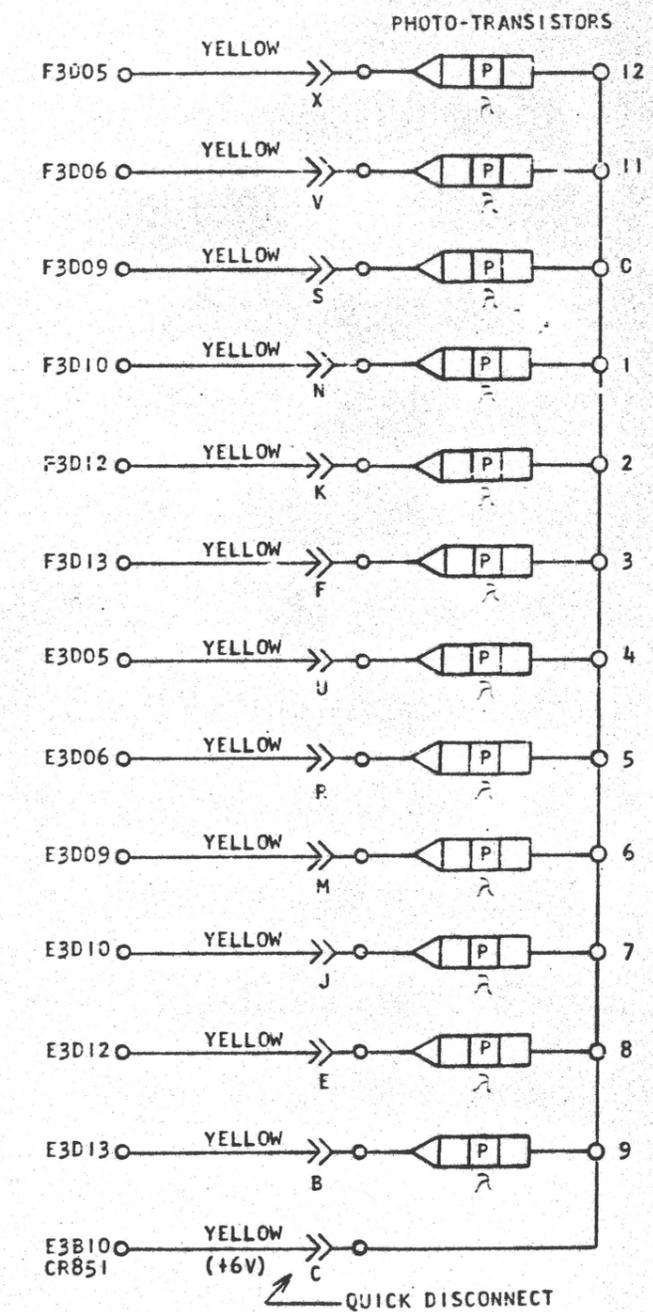
DATE	EC NUMBER	DATE	EC NUMBER	READ-FEED TIMING CHART		
9-4-64	808234V			1000 C.P.M.		
2-4-65	809400			DATE	P/N	644614
					TYPE	2501
				PAGE NO CR809		

IBM

NON FIBER OPTIC READ STATION



FIBER OPTIC READ STATION



DATE	EC NUMBER	DATE	EC NUMBER	READ STATION CONNECTOR	
11-10-66	812412A				
RED 1-25-67	812614			DATE	PVN 644783
6-19-67	814117				TYPE 2501-A
				IBM	CR817

CR841
CR852

CR841

A
B
C
D
E

2

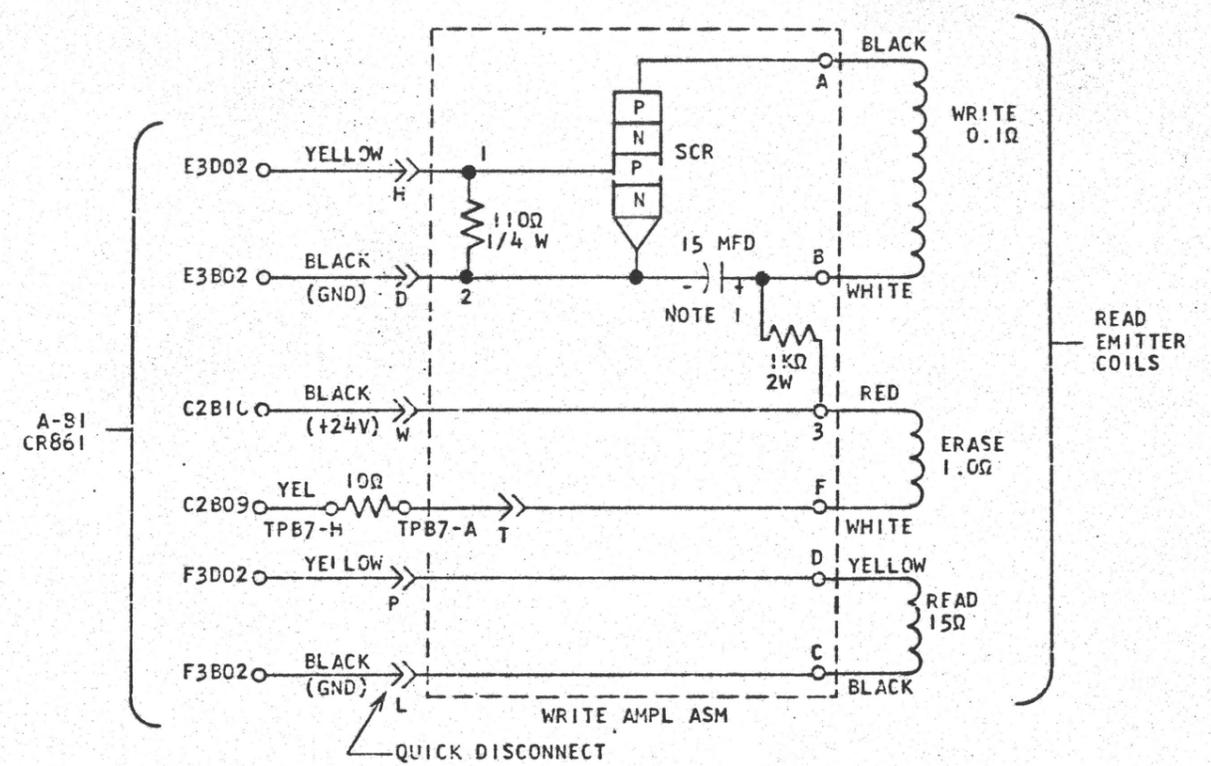
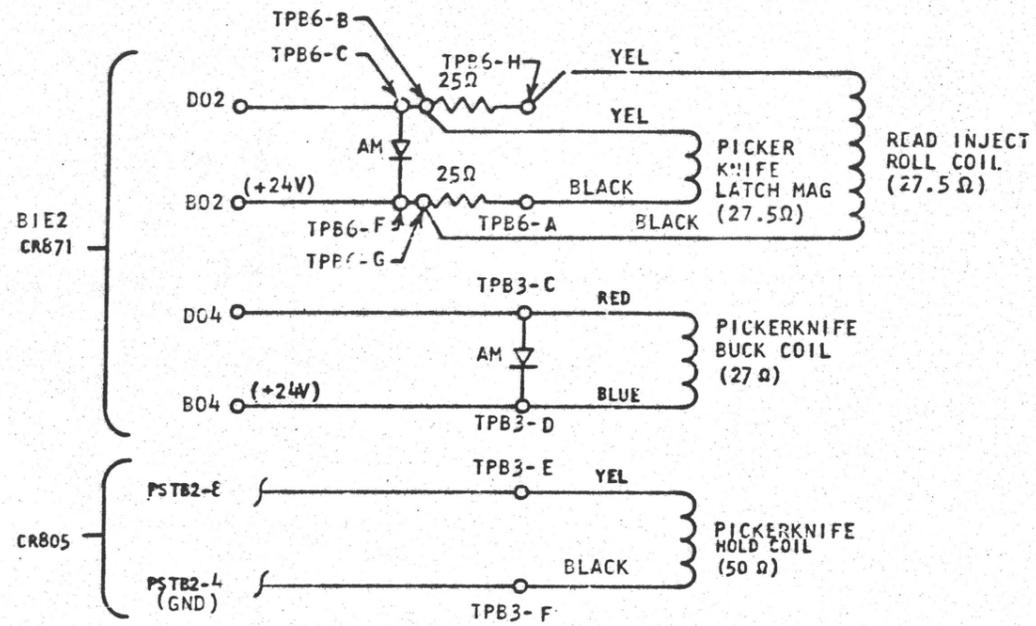
3

4

5

6

7



NOTES

1 CAPACITOR MAY BE 22 UFD ON EARLY MACHINES

DATE	EC NUMBER	DATE	EC NUMBER	MAGNETS AND RELAYS	
11-10-66	812412A				
1-25-67	812614			DATE 7-10-64	P/N 644661
6-19-67	814117				TYPE 2501-A
6-17-68	814479			IBM CR819	

2

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7

SW & LITE SIGNALS

READ AND CONTROL SIGNALS

LOCATION: OIA-BIF5				
360 MOD 20				
PIN	SIGNAL	FROM	TO	CONN-1 PIN NO
B02	LAMP TEST SW	CR181*	CR840	12
B03	COVER INLK	CR840	CR181*	14
B04	READY LIGHT	CR181*	CR840	36
B05	FEED CHECK LIGHT	CR181*	CR840	48
B06	/	/	/	/
B07	START KEY N/C	CR839		62
B08	START KEY N/O	CR839	CR181*	65
B09	NPRO KEY N/C	CR839	CR181*	75
B10	NPRO KEY N/O	CR839	CR181*	89
B11	/	/	/	/
B12	- STOP KEY N/C	CR839		98
B13	STOP KEY N/O	CR839	CR181*	101
D02	MOTOR HOLD SW	CR840	CR181*	100
D03	/	/	/	/
D04	THERMAL LINE	CR840	CR181*	27
D05	READ CHECK LIGHT	CR181*	CR840	38
D06	ATTENTION LIGHT	CR181*	CR840	50
D07	SWITCH COMM 1	CR191*	CR839	64
D08	/	/	/	/
D09	SWITCH COMM 2	CR191*	CR839	67
D10	HOPPER SW N/C	CR839	CR181*	77
D11	STACK SW N/C	CR839	CR181*	91
D12	/	/	/	/
D13	THERMAL LINE	CR840	CR181*	104

LOCATION: OIA-BIF6				
360 MOD 20				
PIN	SIGNAL	FROM	TO	CONN-1 PIN NO
B02	+ READ EMITTER	CR851	CR121*	1
B03	- BLOCK READ EMITTER	CR861	CR121*	4
B04	+ PRE RD SC EXPOSED	CR851	CR191*	7
B05	+ READ CELL 12 EXPOSED	CR841	CR191*	15
B06	/	/	/	/
B07	+ READ CELL 11 EXPOSED	CR841	CR191*	18
B08	+READ CELL 0 EXPOSED	CR841	CR191*	21
B09	+READ CELL 1 EXPOSED	CR841	CR191*	28
B10	+READ CELL 2 EXPOSED	CR841	CR191*	31
B11	/	/	/	/
B12	+READ CELL 3 EXPOSED	CR841	CR191*	39
B13	+READ CELL 4 EXPOSED	CR841	CR191*	41
D02	+FEED CB1	CR851	CR181*	3
D03	/	/	/	/
D04	+FEED CB2	CR851	CR181*	6
D05	+FEED CB3	CR851	CR181*	9
D06	/	/	/	/
D07	/	/	/	/
D08	/	/	/	/
D09	+READ CELL 5 EXPOSED	CR841	CR191*	23
D10	+READ CELL 6 EXPOSED	CR841	CR191*	30
D11	+READ CELL 7 EXPOSED	CR841	CR191*	33
D12	+READ CELL 8 EXPOSED	CR841	CR191*	40
D13	+READ CELL 9 EXPOSED	CR841	CR191*	43

LOCATION: OIA-BIF7				
360 MOD 20				
PIN	SIGNAL	FROM	TO	CONN-1 PIN NO
B02	-EXECUTIVE COMMAND	CR111*	CR871	44
B03	-MOTOR RELAY	CR101*	CR871	54
B04	-FEED SOLENOIDS	CR111*	CR871	57
B05	-HOPPER MAGNET	CR111*	CR871	78
B06	/	/	/	/
B07	-2501 METER GO	CR101*	CR840	70
B08	/	/	/	/
B09	-FIBER OPTIC TEST FL**	CR843	CR181*	79
B10	/	/	/	/
B11	/	/	/	/
B12	/	/	/	/
B13	/	/	/	/
D02	-ERASE EMITTER	CR121*	CR861	45
D03	/	/	/	/
D04	-RECORD EMITTER	CR121*	CR861	56
D05	/	/	/	/
D06	/	/	/	/
D07	2501 METER + 6 V SPLY	CR101*	CR805	72
D08	/	/	/	/
D09	/	/	/	/
D10	/	/	/	/
D11	/	/	/	/
D12	/	/	/	/
D13	/	/	/	/

*PROCESSOR PAGE NUMBER

**NOT PRESENT ON MACHINES WITHOUT FIBER OPTICS

DATE	EC NUMBER	DATE	EC NUMBER	CABLE CONNECTORS	
11-10-66	812412A			BIF5, BIF6, BIF7	
1-25-67	812614			DATE	P/N 644662
				TYPE	2501-A
				IBM CR823	

READ STATION TO GATE
CABLE P/N 644539 NOTE XII

LOCATION: O1A-B1F3			
PIN	SIGNAL	FROM	TO
B02	EMITTER AMPL COM	COIL	CR861
B03			
B04	READ CELL 12 COM NOTE X	CELL	CR852
B05	READ CELL 11 COM NOTE X	CELL	CR852
B06			
B07			
B08	READ CELL 0 COM NOTE X	CELL	CR852
B09	READ CELL 1 COM NOTE X	CELL	CR852
B10			
B11			
B12	READ CELL 2 COM NOTE X	CELL	CR852
B13	READ CELL 3 COM NOTE X	CELL	CR852
D02	EMITTER AMPL	COIL	CR861
D03			
D04			
D05	READ CELL 12	CELL	CR841
D06	READ CELL 11	CELL	CR841
D07			
D08			
D09	READ CELL 0	CELL	CR841
D10	READ CELL 1	CELL	CR841
D11			
D12	READ CELL 2	CELL	CR841
D13	READ CELL 3	CELL	CR841

LOCATION: O1A-B1E3			
PIN	SIGNAL	FROM	TO
B02	WRITE DRIVER GROUND	CR861	SCR
B03			
B04	READ CELL 4 COM NOTE X	CELL	CR852
B05	READ CELL 5 COM NOTE X	CELL	CR852
B06			
B07			
B08	READ CELL 6 COM NOTE X	CELL	CR852
B09	READ CELL 7 COM NOTE X	CELL	CR852
B10	READ CELL +6V BIAS NOTE XI	BOARD	CELLS
B11			
B12	READ CELL 8 COM NOTE X	CELL	CR852
B13	READ CELL 9 COM NOTE X	CELL	CR852
D02	WRITE DRIVER	CR861	SCR
D03			
D04			
D05	READ CELL 4	CELL	CR841
D06	READ CELL 5	CELL	CR841
D07			
D08			
D09	READ CELL 6	CELL	CR841
D10	READ CELL 7	CELL	CR841
D11			
D12	READ CELL 8	CELL	CR841
D13	READ CELL 9	CELL	CR841

CB S AND CARD LEVER TO GATE
CABLE P/N 644534

LOCATION: O1A-B1F2			
PIN	SIGNAL	FROM	TO
B02			
B03			
B04	FEED CB-1 COM	CB	CR852
B05	FEED CB-2 COM	CB	CR852
B06			
B07			
B08			
B09	FEED CB-3 COM	CB	CR852
B10			
B11			
B12			
B13	PRE RD SC EXPOSED COM	CELL	CR852
D02			
D03			
D04	FEED CB-1	CB	CR851
D05	FEED CB-2	CB	CR851
D06			
D07			
D08			
D09	FEED CB-3	CB	CR851
D10			
D11			
D12			
D13	PRE RD SC EXPOSED	CELL	CR851

NOTES

- X COMMON LEAD OF TWISTED PAIR TO EACH READ CELL IS LEFT UNCONNECTED AT READ STATION END IN FIBER OPTIC MACHINES ONLY
- XI NOT USED IN MACHINES WITHOUT FIBER OPTICS
- XII P/N 644524 IN MACHINES WITHOUT FIBER OPTICS

DATE	SC NUMBER	DATE	SC NUMBER	CABLE CONNECTOR	
11-10-66	812412A			B1E3, B1F2, B1F3	
1-25-67	812614			DATE	P/N 644785
				TYPE	2501-A
				IBM	
				CR824	

DC DIST. CABLE
CONTROL MAGNETS-MOTOR RELAY TO GATE
CABLE P/N 644541 NOTE X

LOCATION: O1A-BIE2			
PIN	SIGNAL	FROM	TO
B02	FEED LATCH +24	CR871	COIL
B03	-EXECUTE COMMAND	CR871	PSTB2-9
B04	PICKERKNIFE BUCK COIL 424	CR871	MAG.
B05			
B06			
B07	-2501 METER GO	CR840	METER
B08			
B09			
B10			
B11			
B12			
B13			
D02	FEED LATCH	CR871	COIL
D03			
D04	PICKERKNIFE BUCK COIL	CR871	MAG.
D05	MOTOR RELAY	CR871	PSTB2-40
D06	MOTOR HOLD N/C	PSTB2-7	CR840
D07	2501 METER 46V SPLY	CR840	METER
D08			
D09			
D10			
D11			
D12			
D13			

SW & LITE CABLE
GATE TO SW'S & LITES
CABLE P/N 644384

LOCATION: O1A-BIF4			
PIN	SIGNAL	FROM	TO
B02	LAMP TEST SW	CR840	LIGHTS
B03	COVER INLK	SW	CR840
B04	READY LIGHT	CR840	LIGHT
B05	FEED CHECK LIGHT	CR840	LIGHT
B06			
B07	START KEY N/C	SW	CR839
B08	START KEY N/O	SW	CR839
B09	NPRO KEY N/C	SW	CR839
B10	NPRO KEY N/O	SW	CR839
B11			
B12	STCP KEY N/C	SW	CR839
B13	STCP KEY N/O	SW	CR839
D02			
D03			
D04	THERMAL LINE	SW	CR840
D05	READ CHECK LIGHT	CR840	LIGHT
D06	ATTENTION LIGHT	CR840	LIGHT
D07	SWITCH COM 1	CR839	COM
D08			
D09	SWITCH COM 2	CR839	COM
D10	HOPPER SW N/C	SW	CR839
D11	STACKER SW N/C	SW	CR839
D12			
D13	THERMAL LINE	SW	CR840

NOTE X P/N 644525 IN MACHINES WITHOUT FIBER OPTICS

DATE	EC NUMBER	DATE	EC NUMBER	CABLE CONNECTOR	
11-10-66	812412A			BIE2, BIF4	
1-25-67	812614			DATE	P/N 644786
				TYPE	2501-A
				IBM	CR825

A	B	C	D	E	F
AR=MD S15SM CR871 NOTE XI 5807141	AR=MD T6IDS, T15CD CR871 CR871 CR871 5807141	AR=MD S61AF, T15CE CR861 NOTE X 5807140	X	CONN TO CONTROL MAGNETS MACHINE CONN TO READ STATION CELLS MACHINE	CONN TO PRE RD SC & FEED CB'S MACHINE CONN TO READ STATION CELLS MACHINE
AR S07SK CR851 5803471	CV T05SG CR851 CR851 CR851 5803498	AR S10SH CR861 5806295	AR T07ST CR861 5804253	AR S07CW CR841 CR841 CR841 CR841 5806313 NOTE XII →	CONN TO SW & LITES MACHINE CONN SW & LITES TO PROC
AR S07CW CR841 CR841 CR841 CR841 5806313 NOTE XII →	AR S07CW CR841 CR841 CR841 CR841 5806313 NOTE XII →		CHECK FL S05AH, T03AB CR843 NOTE XIII 5808064		CONN READ STATION -PRE RD SC- FEED CB'S TO PROC CONN CONTROL MAGNETS TO PROC

H
I
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G
E

CARD SIDE

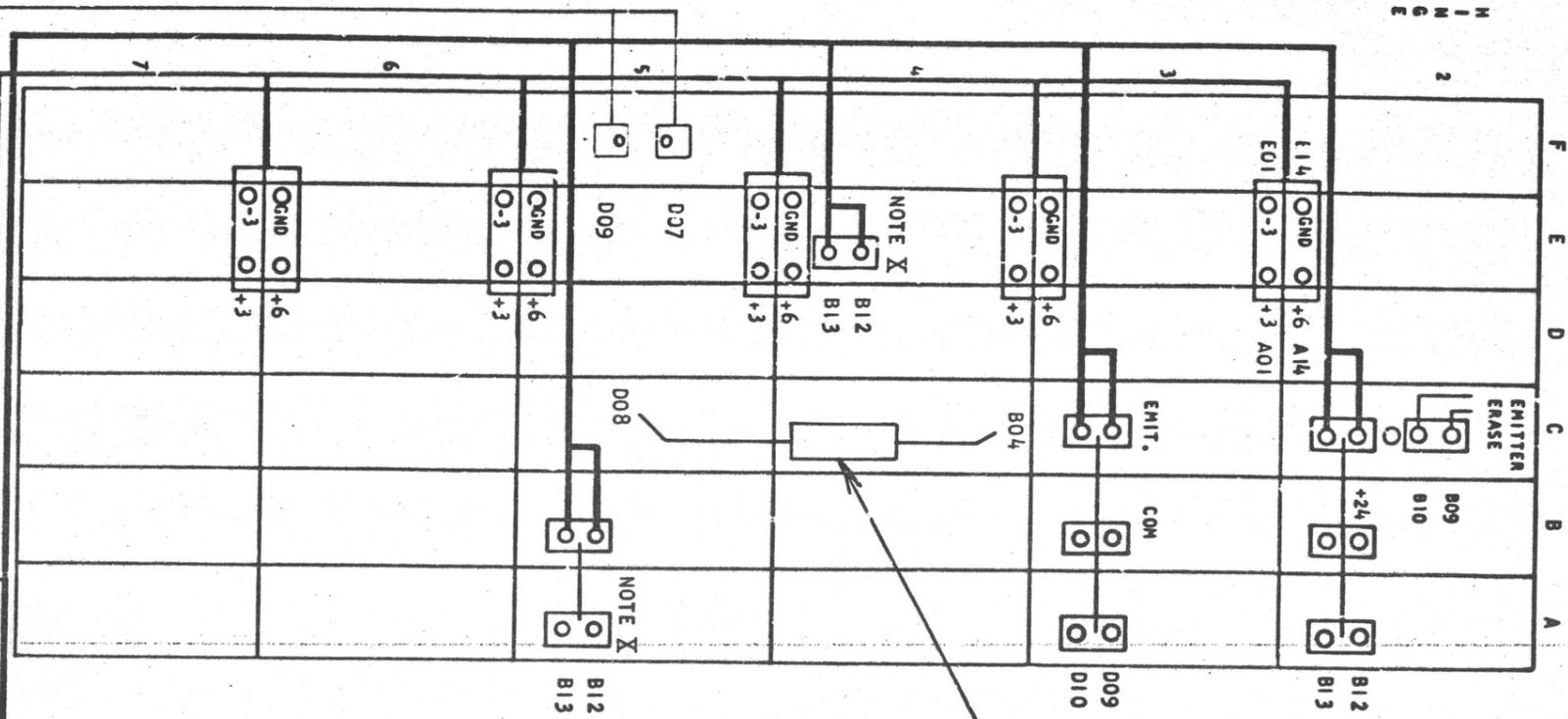
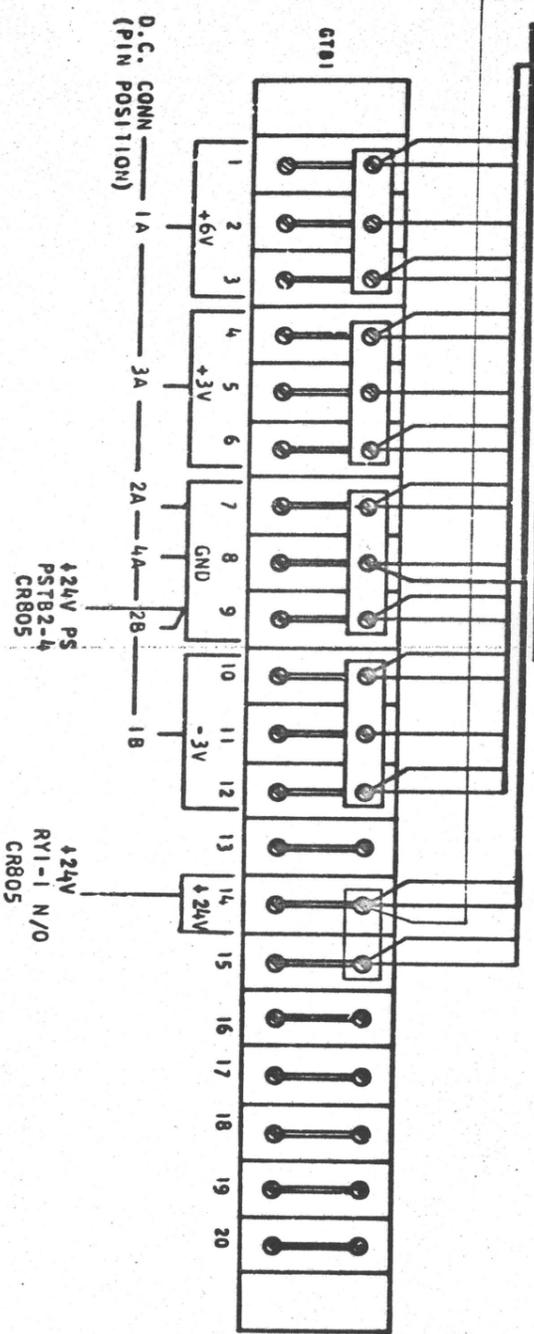
- 5808064 READ CHECK LATCH - S05AH, T03AB
- 5806313 READ CELL AMPL - S07CW
- 5803498 MAGNETIC CB SHAPER - T05SG
- 5803471 SOLAR CELL AMPLIFIER - S07SK
- 5804253 WRITE AMPLIFIER - T07ST
- 5807141 1.0 AMP DRIVER - T6IDS, T15CD
- 5807140 2.5 AMP DRIVER - S61AF, T15CE
- 5806295 EMITTER AMPLIFIER - S10SH

- NOTE X - MAY BE P/N 5804297
- NOTE XI - MAY BE P/N 5804299
- NOTE XII - WILL BE P/N 5803471 IN MACHINES WITHOUT FIBER OPTICS
- NOTE XIII - NOT USED IN MACHINES WITHOUT FIBER OPTICS

DATE	EC NUMBER	DATE	EC NUMBER	OIA-BI		
11-10-66	812412A			CARD LOCATION		
1-25-67	812614			DATE	P/N	644787
				TYPE	2501-A	
				IBM		CR830

A
B
C
D
E

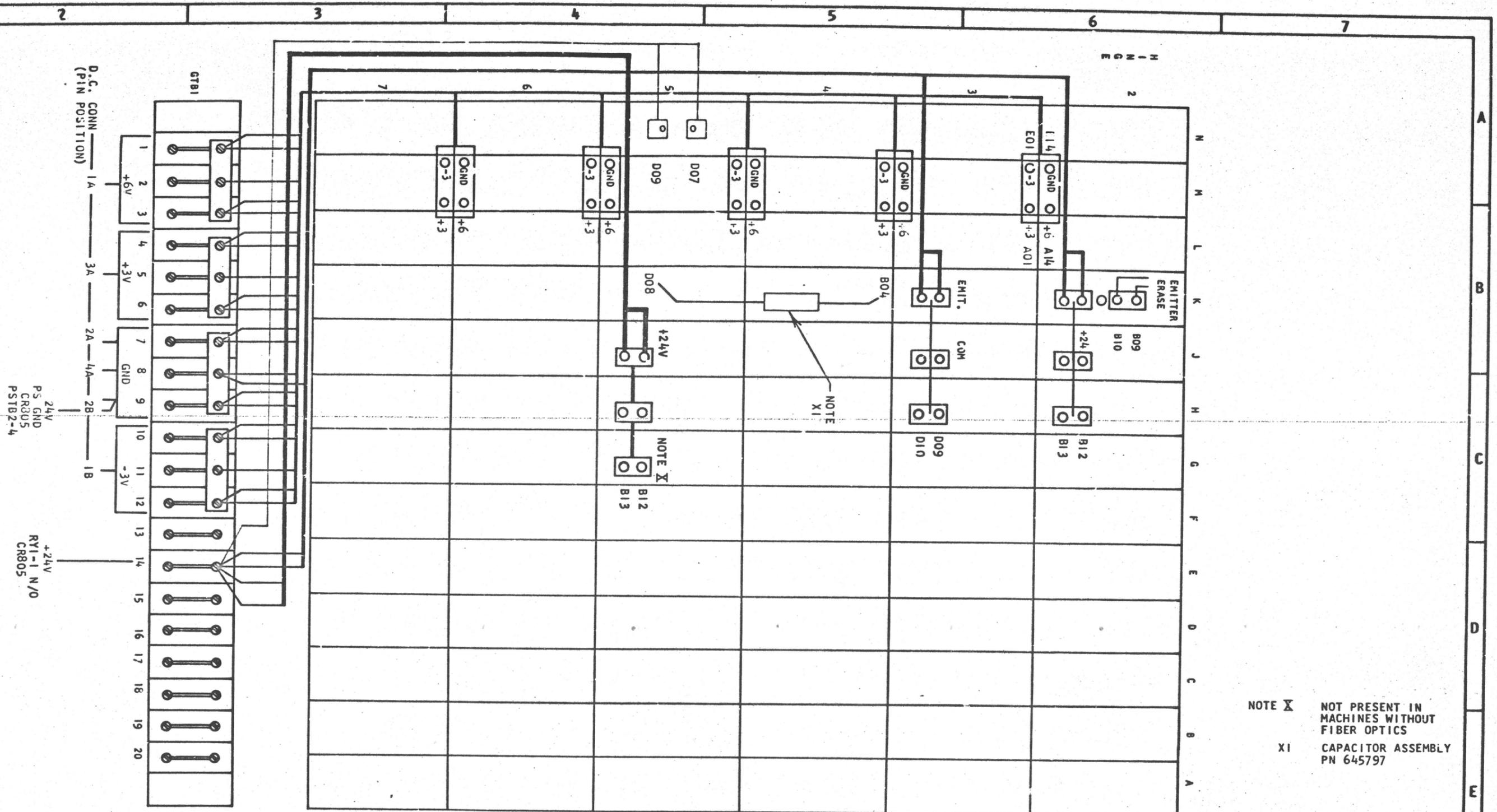
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645797 CAPACITOR ASSEMBLY

NOTE X NOT PRESENT IN MACHINES WITHOUT FIBER OPTICS

DATE	EC NUMBER	DATE	EC NUMBER	PIN SIDE - GATE	
4-26-67	811854B			01A-BI (1130)	
2-7-68	814468			DATE	P.N 644499
6-3-69	816316A			TYPE	2501-A
				IBM	CR831



NOTE X NOT PRESENT IN MACHINES WITHOUT FIBER OPTICS
 XI CAPACITOR ASSEMBLY PN 645797

D. YE	EC NUMBER	DATE	EC NUMBER	PIN SIDE - GATE		
4-26-67	811854B			(1:30)		
6-3-69	816316A			DATE	P/N	644496
					TYPE	2501
				IBM	CR831	