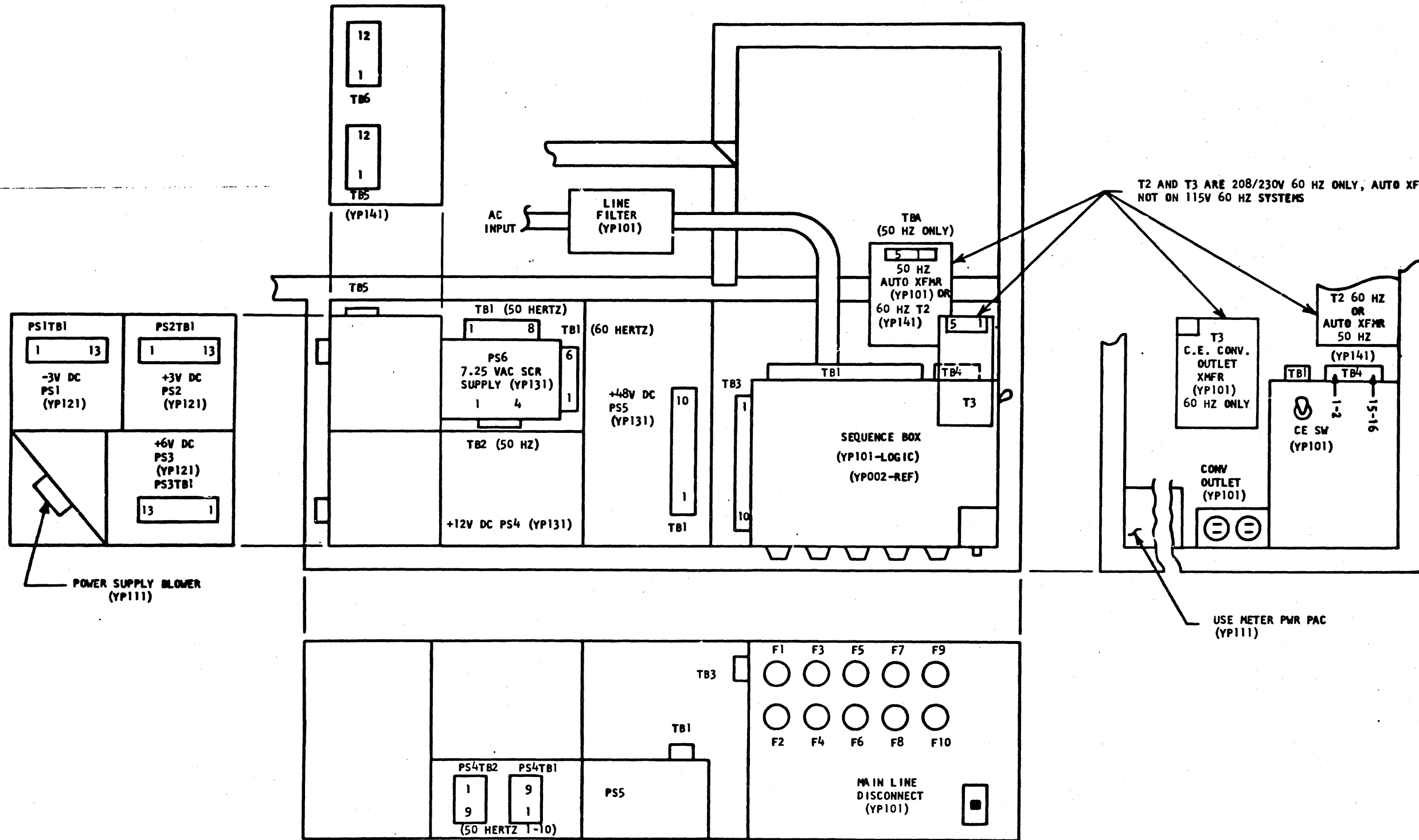


EC 415709G

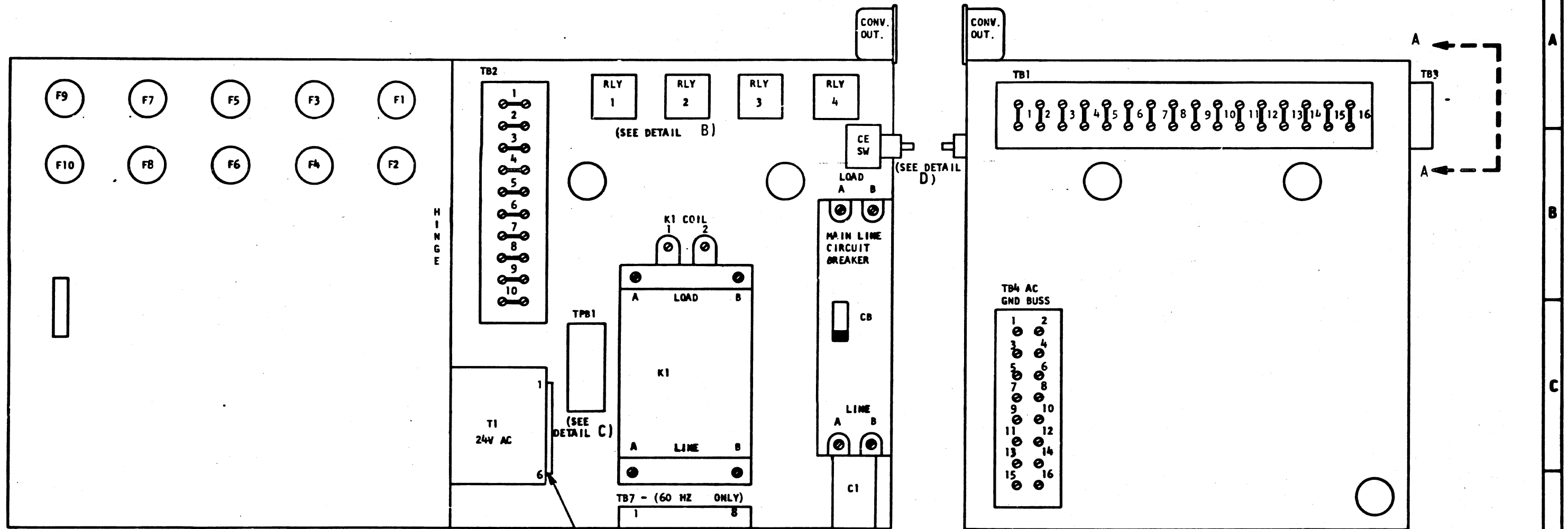
PAGE NAME	PAGE NO.	P/N
POWER SUPPLY LAYOUT	YP001	2201315
PHYSICAL LAYOUT SEQUENCE BOX	YP002	2201316
-3V 8A AND +3V 16A PWR SUPPLY SCHEMATICS	YP003	2201328
+6V 12A PWR SUPPLY SCHEMATIC	YP004	2201317
-3V, +3V AND +6V AMPLIFIER CARDS	YP005	2201318
+12V POWER SUPPLY	YP006	2201319
+48V POWER SUPPLY	YP007	2201320
LOGIC VOLTAGE SENSE	YP008	2201000
AC VOLTAGE DISTRIBUTION-SEQUENCE BOX-60 CPS	YP101	2201321
AC VOLTAGE DISTRIBUTION-SEQUENCE BOX-50 CPS	YP101	2201313
AC VOLT DISTR-SEQ BOX, BLOWERS AND USE METER-60 CPS	YP111	2201322
AC VOLT DISTR-SEQ BOX, BLOWERS AND USE METER-50 CPS	YP111	2201314
POWER SUPPLY CONNECTIONS -3V, +3V AND +6V	YP121	2201323
POWER SUPPLY CONNECTIONS +12V AND +48V	YP131	2201324
DC VOLTAGE DISTRIBUTION	YP141	2201325
B GATE DC VOLTAGE DISTRIBUTION	YP151	2201326
A GATE DC VOLTAGE DISTRIBUTION	YP161	2201327
I/O SIGNAL FEED THROUGH	ZA101	2201309
I/O POWER DISTRIBUTION AC/DC 50/60 CYCLE	ZB101	2201312
KEYBOARD LOGIC	ZK101	2201300
KEYBOARD SWITCH AND LIGHT PANEL	ZK111	2201301
KEYBOARD CONTACT DECODE DOMESTIC KBD	ZK121	2201302
KEYBOARD CONTACT DECODE UK KBD	ZK121	2229500
KEYBOARD CONTACT DECODE FR-BEL KBD	ZK121	2229502
KEYBOARD CONTACT DECODE GERMAN KBD	ZK121	2229503
KEYBOARD CONTACT DECODE NOR-DAN KBD	ZK121	2229504
KEYBOARD CONTACT DECODE SPANISH KBD	ZK121	2229505
KEYBOARD CONTACT DECODE SW-FIN KBD	ZK121	2229506
KEYBOARD CONTACT DECODE ITALIAN KBD	ZK121	2229507
LIGHT PANEL CONNECTOR LISTING	ZL101	2201303
LIGHT PANEL	ZL111	2201304
BIT SWITCH AND LIGHT LOGIC	ZS101	2201305
1134 PAPER TAPE READER LOGIC	ZT101	2201306
1055 PAPER TAPE PUNCH LOGIC	ZT111	2201307
CONSOLE PRINTER	ZW101	2201308



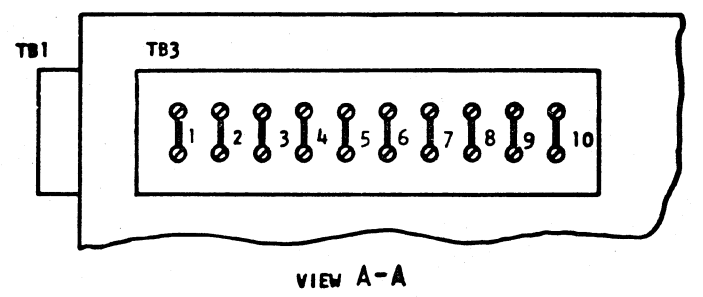
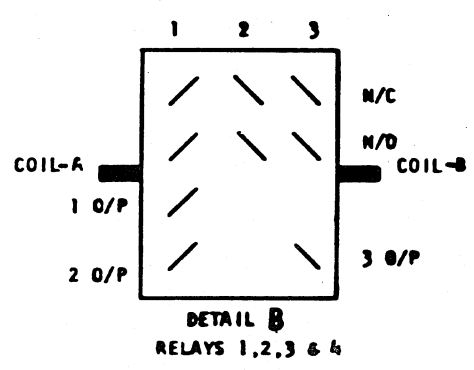
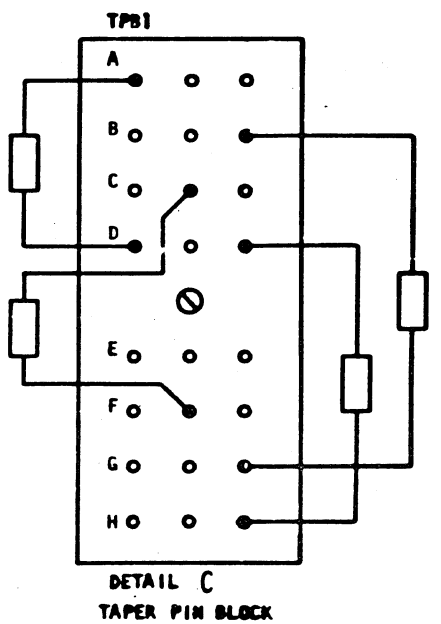
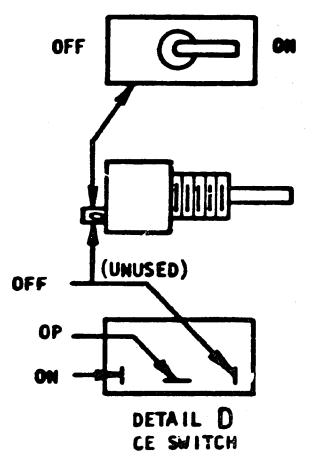
T2 AND T3 ARE 208/230V 60 HZ ONLY, AUTO XFMR 50HZ ONLY, NOT ON 115V 60 HZ SYSTEMS

USE METER PWR PAC (YP111)

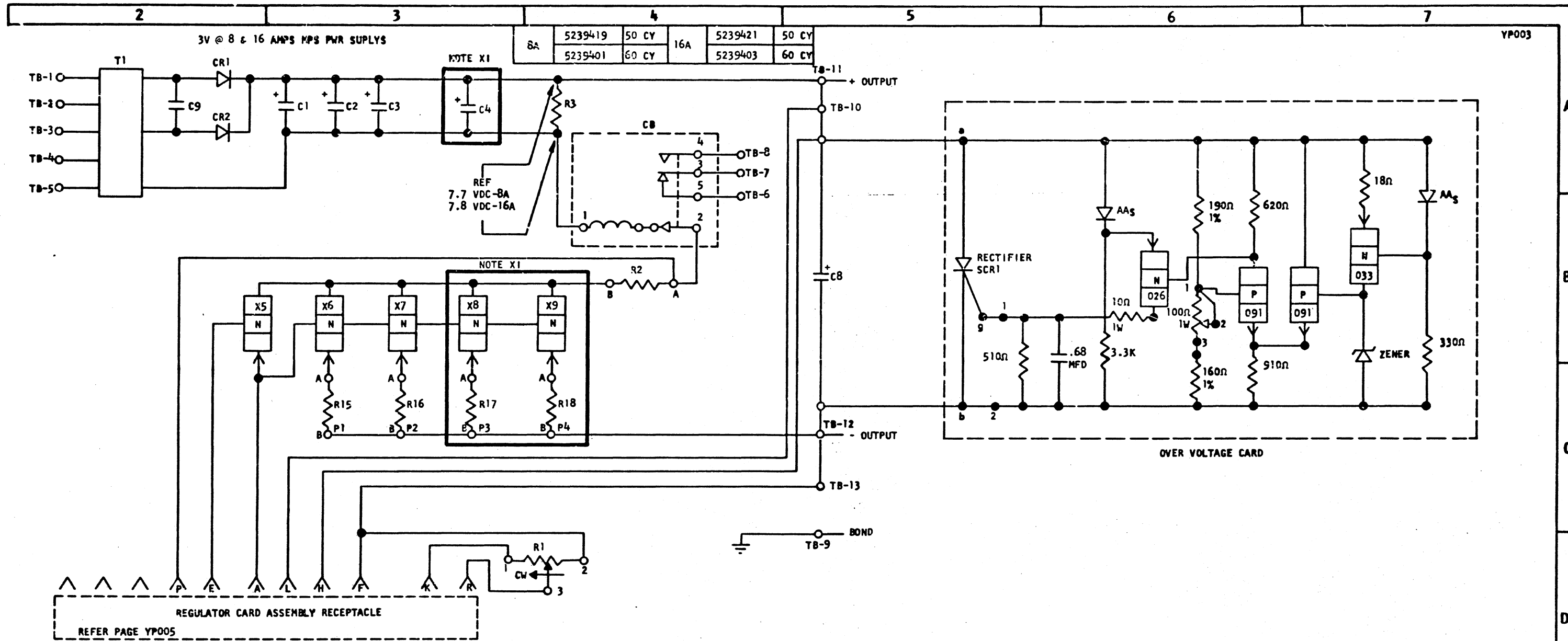
DATE	EC NUMBER	DATE	EC NUMBER	POWER SUPPLY		
MAY65	415480D	RED MAR 67	419610B	LAYOUT 50 & 60 HZ		
AUG65	415480E	MAY 67	415777H	DATE	P/M	2201315
OCT65	415483B				TYPE	1131
MAY66	419608			IBM		YP001
JAN67	419610B					



BACK VIEW



DATE	EC NUMBER	DATE	EC NUMBER	PHYSICAL LAYOUT	
MAY-65	415480D			SEQUENCE BOX 50 & 60 HERTZ	
AUG-65	415480E			DATE 5-15-65	P/N 2201316
MAR 66	415497			TYPE	1131
DEC66	419610B			IBM YPO02	



8A	5239419	50 CY	16A	5239421	50 CY
	5239401	60 CY		5239403	60 CY

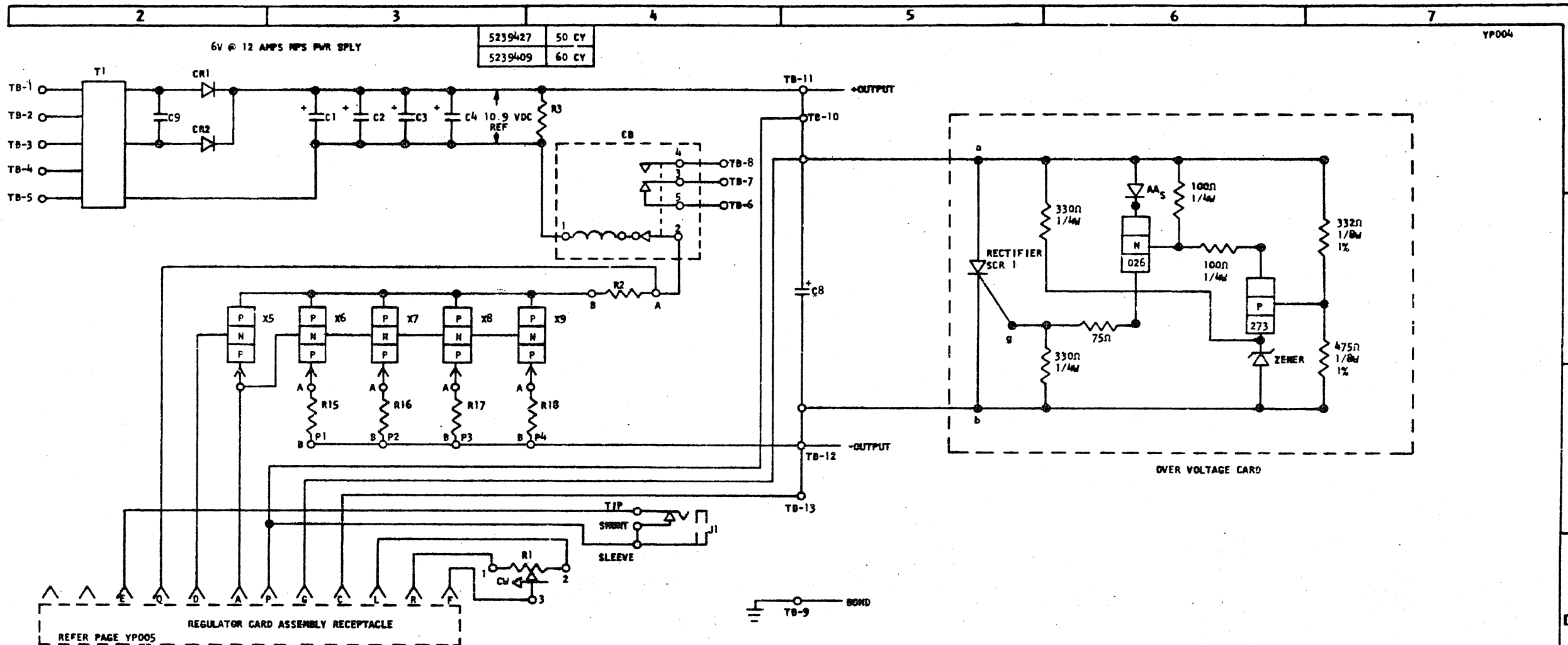
COMPONENT CHART 3V 8A & 16A	
CODE	DESCRIPTION
C1-4	CAPACITOR 24K UF
C8	CAPACITOR 10K UF
C9	CAPACITOR .01 UF
R1	POTENTIOMETER 100Ω 1/2W
R2-8A	RESISTOR .06Ω 25W
R2-16A	RESISTOR .04Ω 25W
R3	RESISTOR 330Ω 2W
R15-18	RESISTOR 0.1Ω 5W
X5	TRANSISTOR 119
X6-X9	TRANSISTOR 108

NOTES:
 X1 COMPONENTS WITHIN THE HEAVY BLACK LINES ARE PRESENT ON THE 3V 16 AMP SUPPLY ONLY

DATE	EC NUMBER	DATE	EC NUMBER	3V 8A & 3V 16A PWR SUPPLIES			
AUG- 65	415480E			50 & 60 HERTZ			
DEC- 66	419610B			DATE	JUL 65	P N	2201328
						TYPE	1131
				IBM		YP003	

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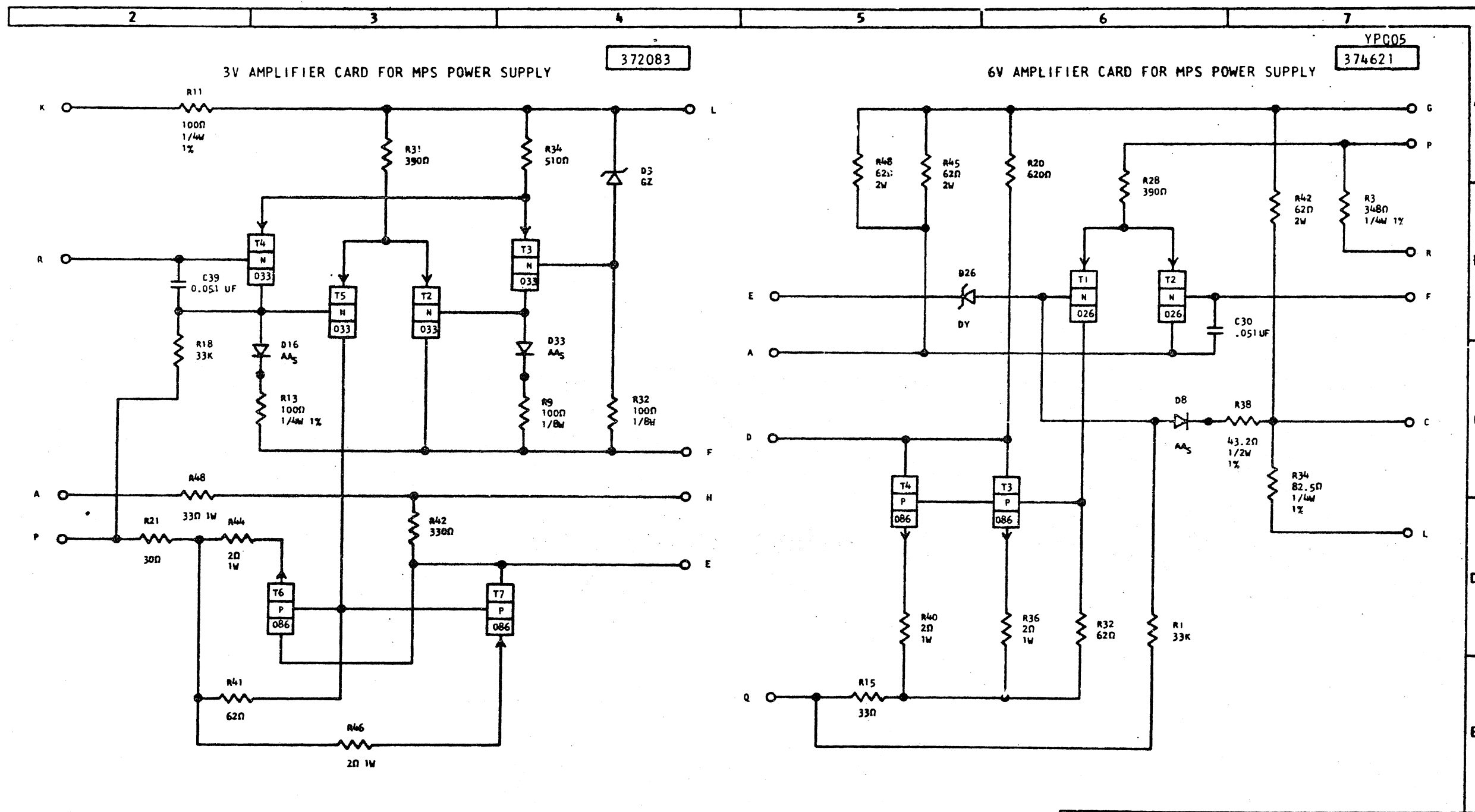
REFER PAGE YP005

COMPONENT CHART 6V 12A	
CODE	DESCRIPTION
C1-4	CAPACITOR 17K UF
C8	CAPACITOR 23K UF
C9	CAPACITOR 01 UF
R1	POTENTIOMETER 100Ω 1/2W
R2	RESISTOR .04Ω 25W
R3	RESISTOR 330Ω 2W
R15-18	RESISTOR 0.1Ω 5W
X5	TRANSISTOR 119
X6-X9	TRANSISTOR 108

DATE	EC NUMBER	DATE	EC NUMBER	6V 12A PWR SPLY 50 & 60		
MAY 65	415480D			CYCLE		
AUG 65	415480E			DATE	MAY 65	P/N
						2201317
						TYPE
						1131
				IBM		YP004

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Y P 0 0 4



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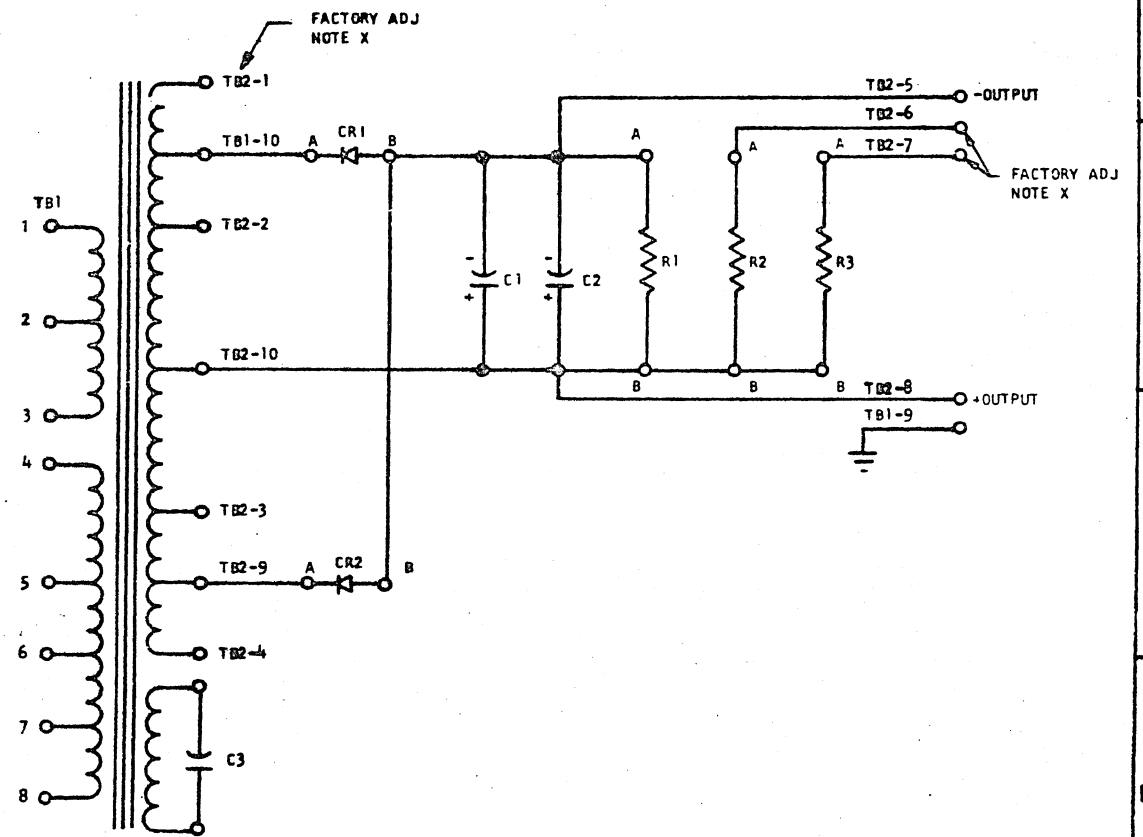
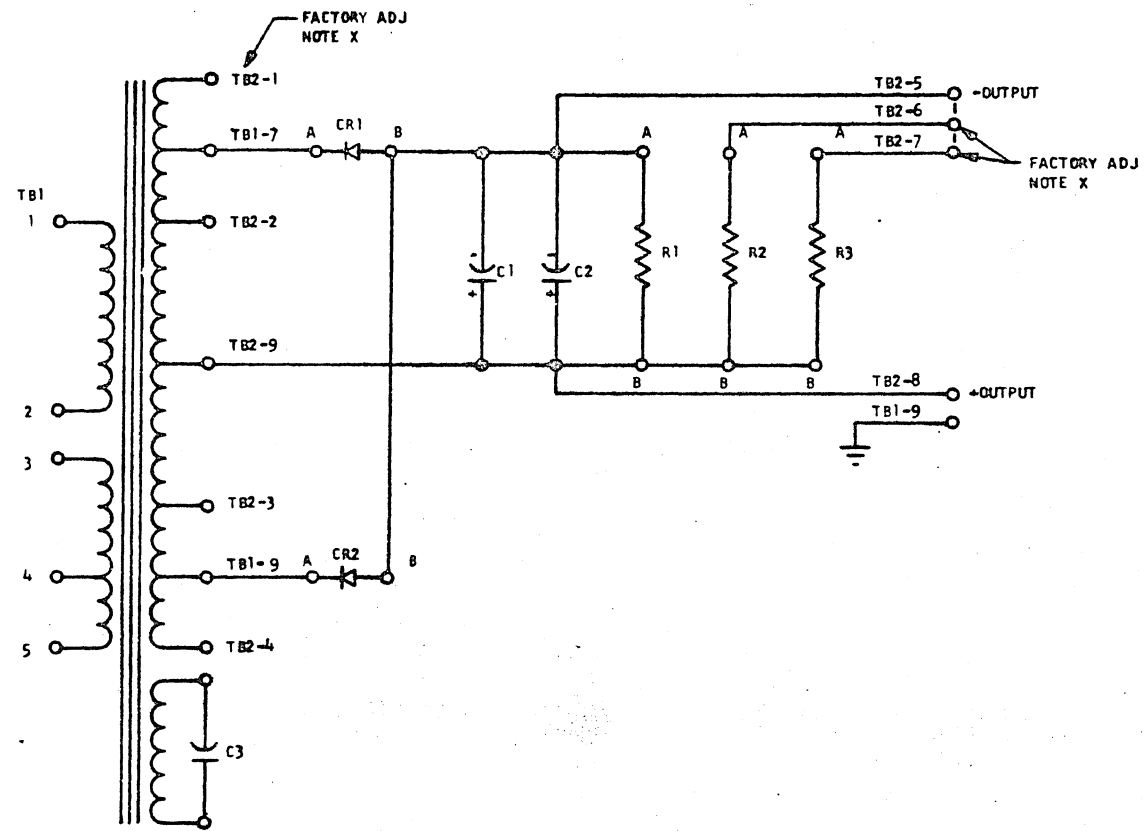
DATE	EC NUMBER	DATE	EC NUMBER	3V & 6V AMPLIFIER CARDS	
MAY-65	415480D			50 & 60 CYCLE	
AUG-65	415480E			DATE 1-11-65	P N 2201318
				TYPE	1131
				IBM	YPO05

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12 V AT 4 AMPS, 60 CYCLE 5261823

12 V AT 4 AMPS, 50 CYCLE 5261993

YP006



COMPONENT CHART

SYMBOL	DESCRIPTION
C1 & C2	CAP 42,000 UF 13V DC
C3-50 CY	CAP 8 UF 330V AC
C3-60 CY	CAP 7 UF 330V AC
R1	RESISTOR 25Ω, 25W
R2 & R3	RESISTOR 10Ω, 25W

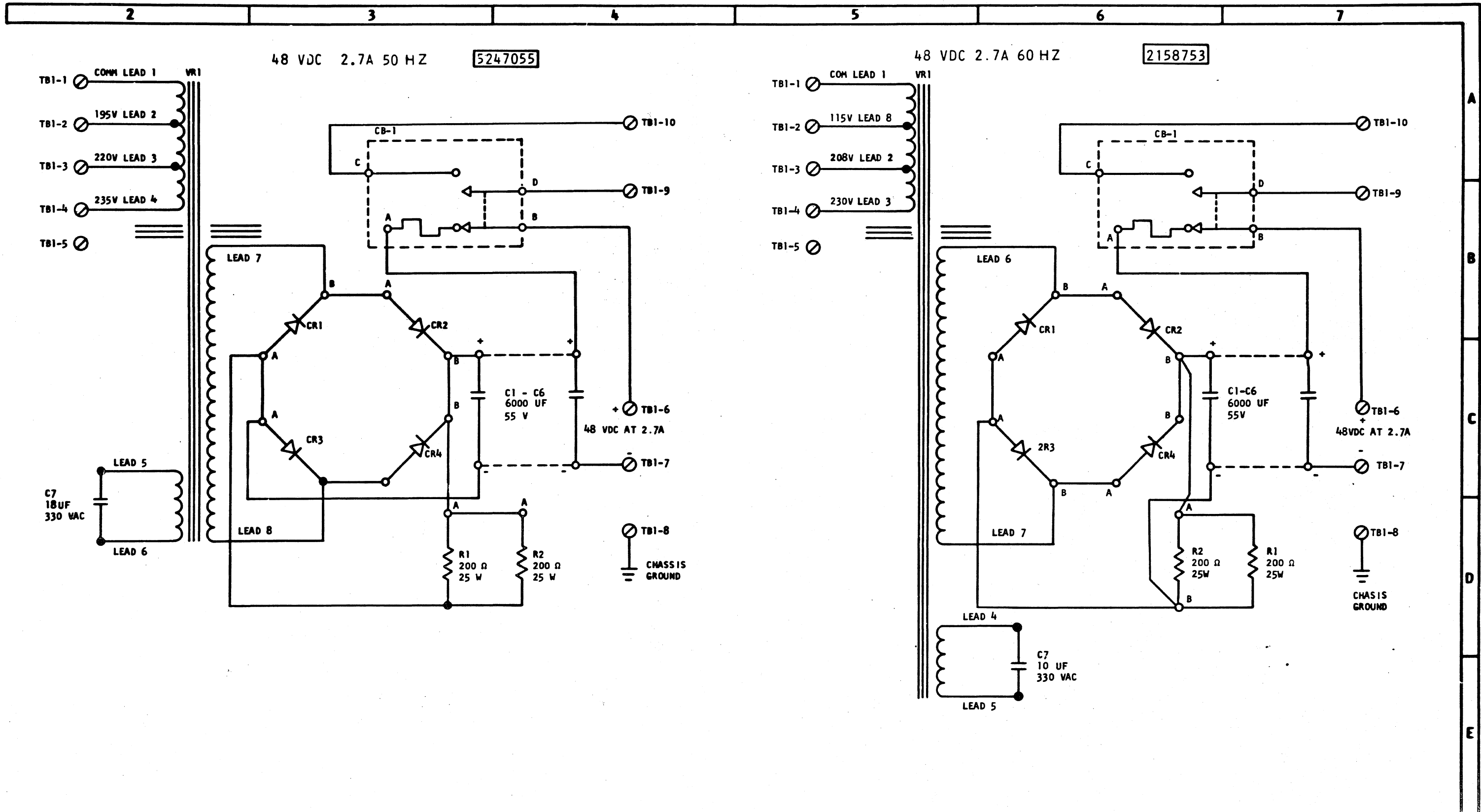
NOTES:

X THE VOLTAGE TAPS AND BLEEDER SHOULD BE CONNECTED AS REQUIRED DEPENDING ON LOAD CONDITIONS TO INSURE AN OUTPUT VOLTAGE WITHIN 1% TOLFRANCE.

DATE	EC NUMBER	DATE	EC NUMBER	12V POWER SUPPLY -		
MAY-65	415480D			50 & 60 CYCLE		
AUG-65	415480E			DATE	JAN-65	P/N 2201319
						TYPE 1131
				IBM		YP006

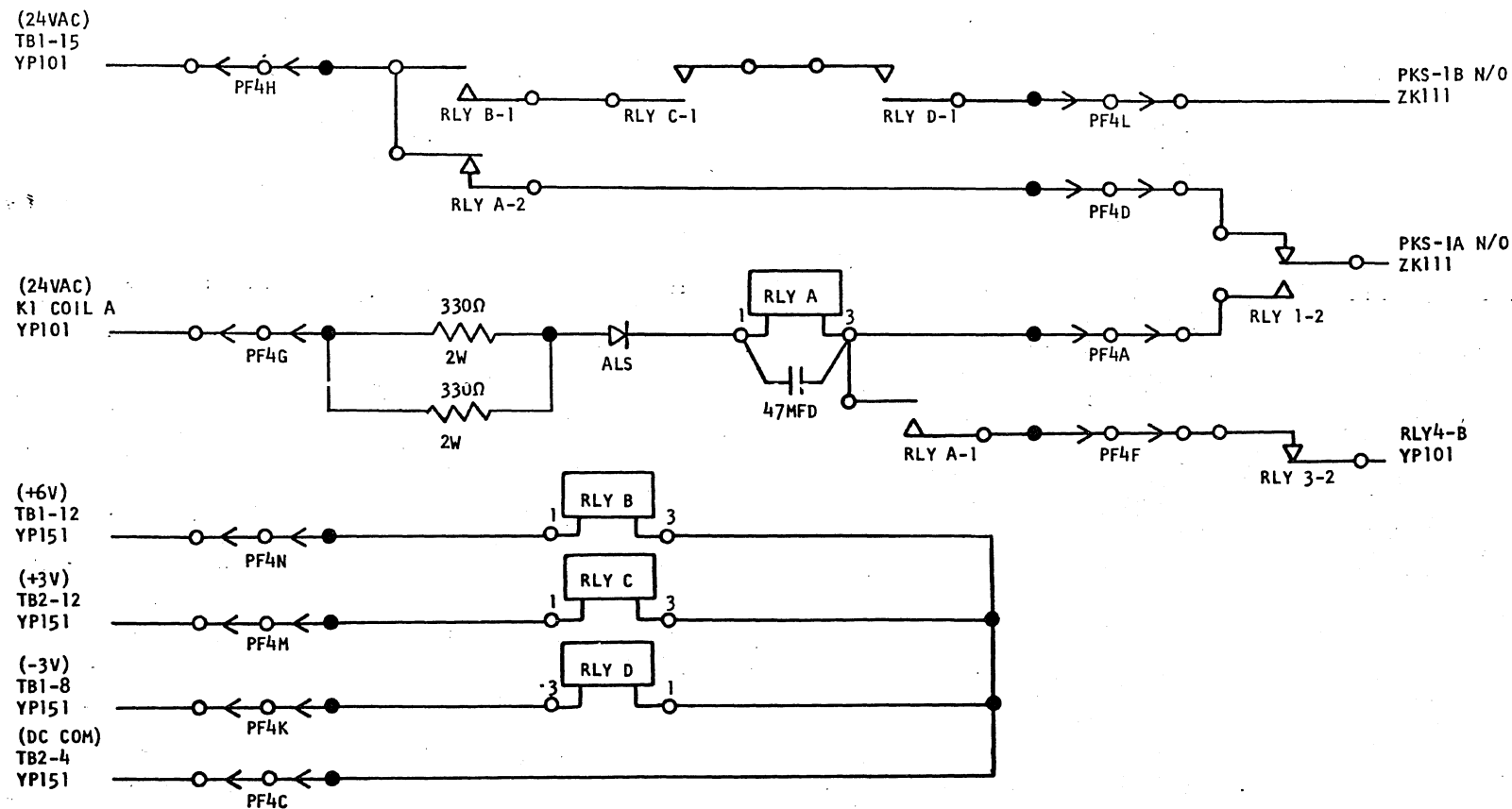
YP006

YP006

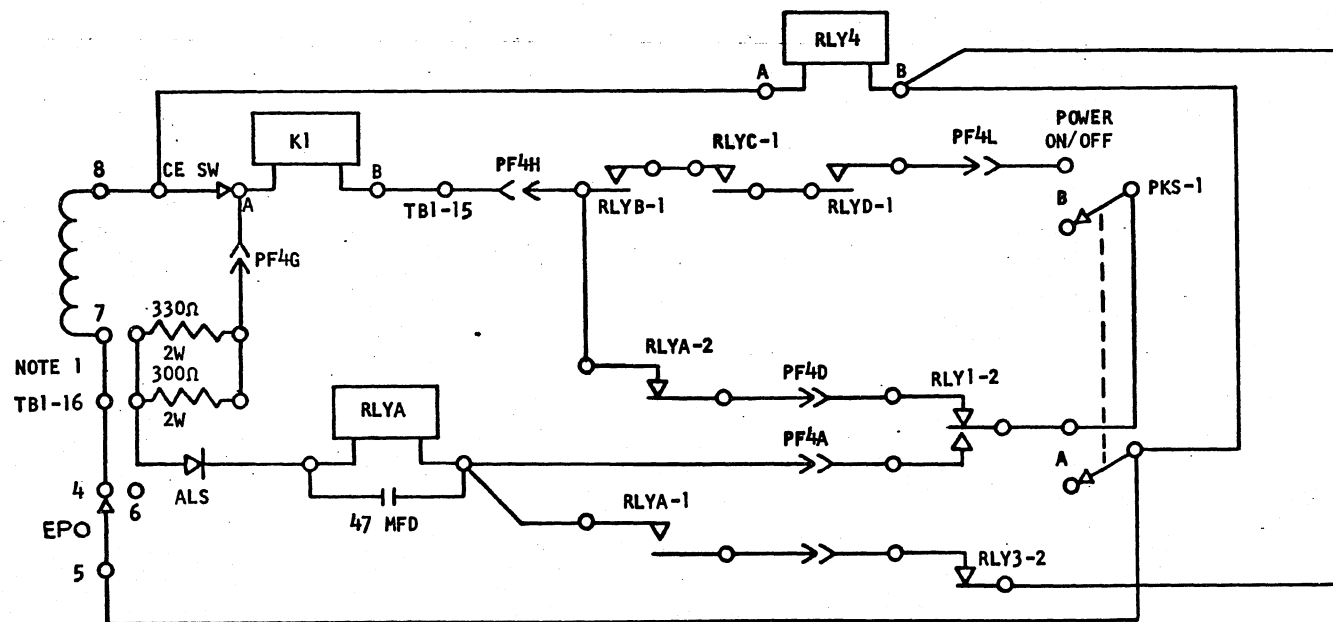


DATE	EC NUMBER	DATE	EC NUMBER	48 V POWER SUPPLY		
MAY-65	415480D			50 & 60 HERTZ		
AUG-65	415480E			DATE	P. N.	2201320
DEC-66	419610B				TYPE	1131
				IBM		YPC07

SCHMATIC OF LOGIC VOLTAGE SENSE CARD P/N 374744

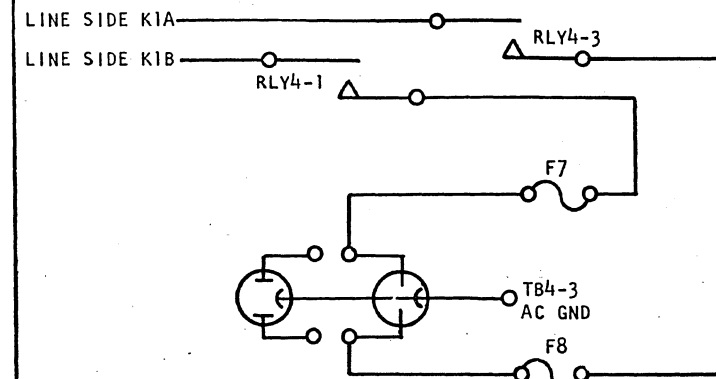


SCHMATIC OF LOGIC VOLTAGE SENSING CIRCUIT

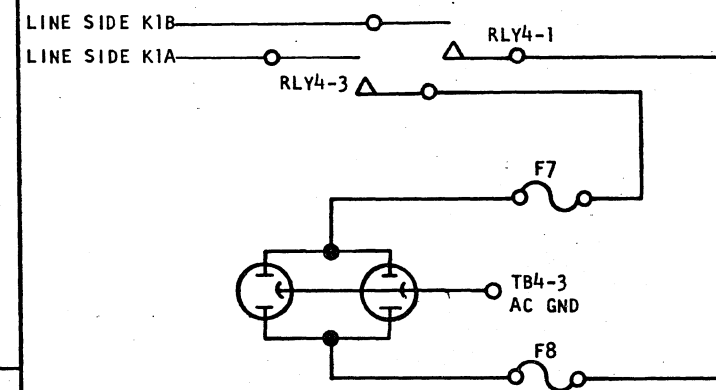


NOTES:
 1. ON 50 CYCLE MACHINES THE 24 VAC CONNECTIONS WILL BE TB 5 & 6.
 IF 1131 HAS PC5 RECEPTACLE INSTALLED, TB1-16 DOES NOT CONNECT DIRECTLY TO 24 VAC. (REF. YP101)
 IF SYSTEM INCLUDES AN 1133, THE 24 VAC IS SUPPLIED BY THE 1133.

50 CYCLE



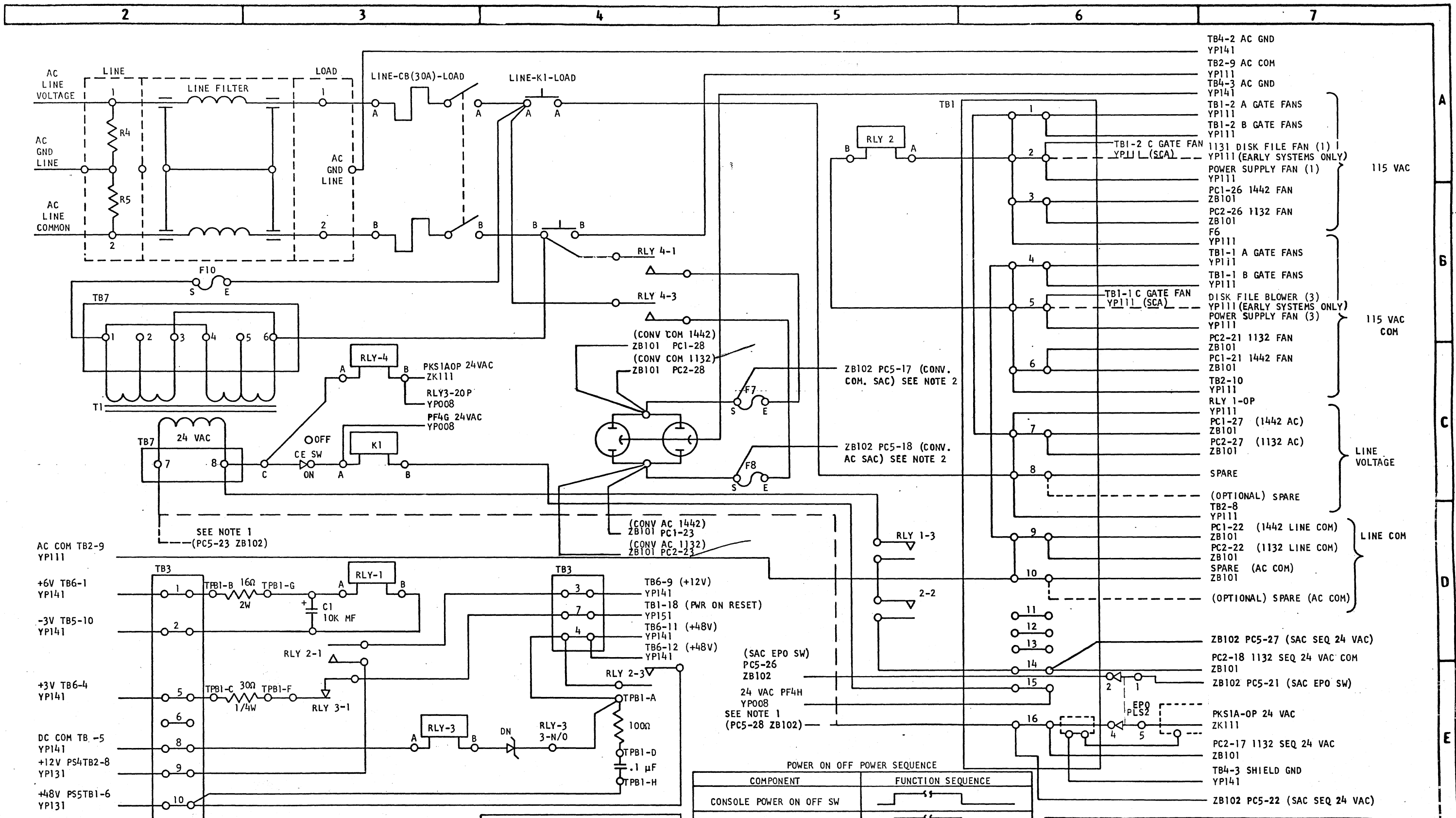
60 CYCLE



LOGIC VOLTAGE SENSING OPERATION

THIS CIRCUIT MONITORS THE LOGIC VOLTAGES (+3, -3, & +6). THE LOSS OF A LOGIC VOLTAGE WILL DROP CONTACTOR K1. RELAYS 1, 2 & 3 WILL DROP OUT. RELAY 3 WILL DROP BEFORE RELAY 1, ESTABLISHING A HOLD CIRCUIT TO RELAY A THROUGH RA-IN/O & R3-2NC. RA-2 N/C DISABLES THE POWER ON/OFF SWITCH TO PREVENT POWER ON ATTEMPTS WITH A LOGIC VOLTAGE MISSING. TO RESET THE CIRCUIT, RELAY A MUST BE DROPPED OUT BY THE C.E. MANUALLY OPERATING EITHER THE C.E. SWITCH OR THE MAINLINE C.B. ON THE AC SEQUENCE BOX. (IF 1133 IS ATTACHED, RESET WITH MAIN LINE CB ON THE 1133, OR CE SWITCH ON 1131.)

DATE	EC NUMBER	DATE	EC NUMBER	LOGIC VOLTAGE SENSE		
MAR 66	415497			50/60 CYCLE		
MAY 66	415497A			DATE	P/N	2201000
JAN 68	420414				TYPE	1131
				IBM		YP008



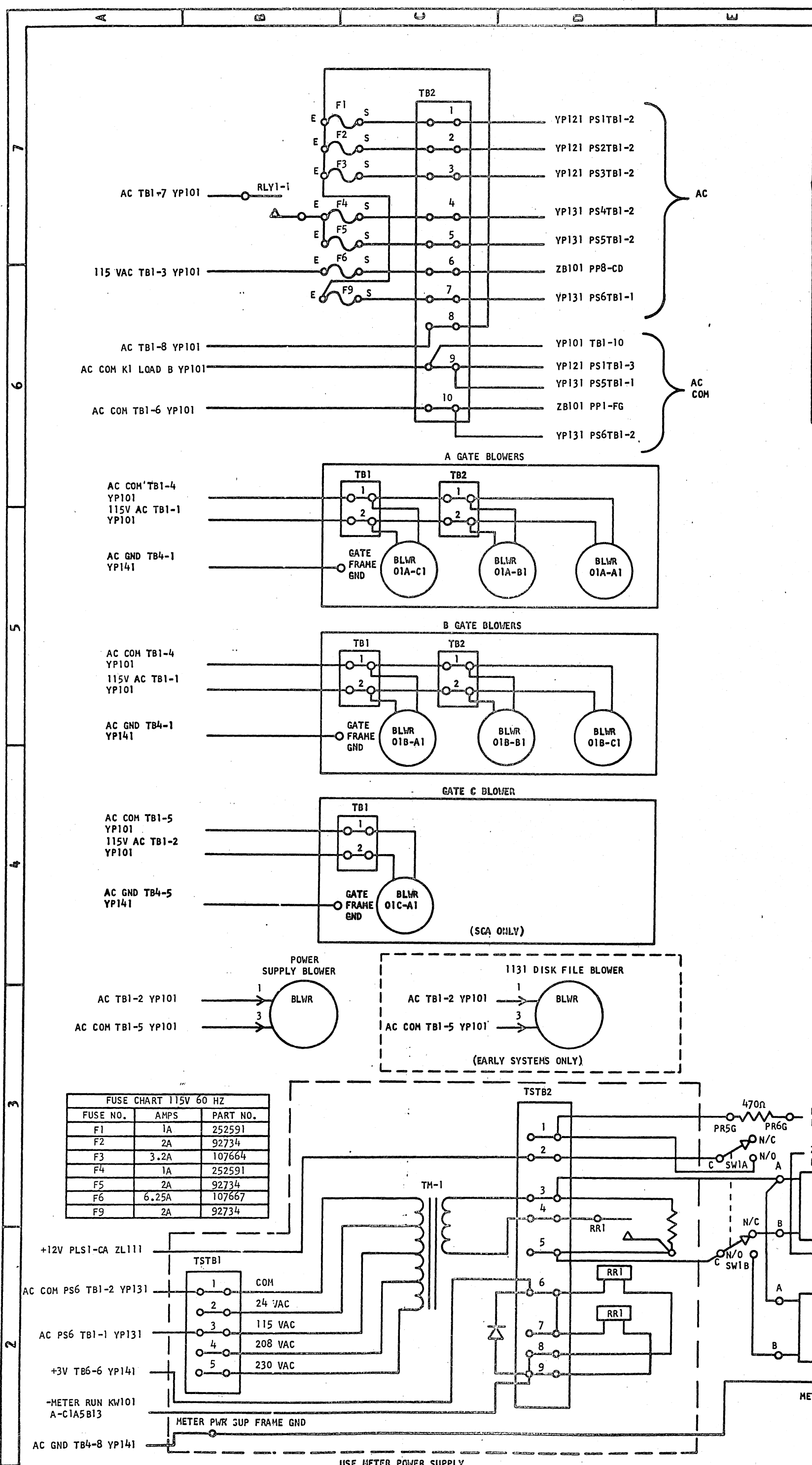
- TB4-2 AC GND YP141
- TB2-9 AC COM YP111
- TB4-3 AC GND YP141
- TB1-2 A GATE FANS YP111
- TB1-2 B GATE FANS YP111
- TB1-2 C GATE FAN YP111 (SCA)
- 1131 DISK FILE FAN (1) YP111 (EARLY SYSTEMS ONLY)
- POWER SUPPLY FAN (1) YP111
- PC1-26 1442 FAN ZB101
- PC2-26 1132 FAN ZB101
- F6 YP111
- TB1-1 A GATE FANS YP111
- TB1-1 B GATE FANS YP111
- TB1-1 C GATE FAN YP111 (SCA)
- DISK FILE BLOWER (3) YP111 (EARLY SYSTEMS ONLY)
- POWER SUPPLY FAN (3) YP111
- PC2-21 1132 FAN ZB101
- PC1-21 1442 FAN ZB101
- TB2-10 YP111
- RLY 1-0P YP111
- PC1-27 (1442 AC) ZB101
- PC2-27 (1132 AC) ZB101
- SPARE
- (OPTIONAL) SPARE
- TB2-8 YP111
- PC1-22 (1442 LINE COM) ZB101
- PC2-22 (1132 LINE COM) ZB101
- SPARE (AC COM) ZB101
- (OPTIONAL) SPARE (AC COM)
- ZB102 PC5-27 (SAC SEQ 24 VAC)
- PC2-18 1132 SEQ 24 VAC COM ZB101
- ZB102 PC5-21 (SAC EPO SW)
- PK5A-0P 24 VAC ZK111
- PC2-17 1132 SEQ 24 VAC ZB101
- TB4-3 SHIELD GND YP141
- ZB102 PC5-22 (SAC SEQ 24 VAC)

FUSE CHART		
FUSE NO.	AMPS	PART NO.
7	6.25A	107667
8	6.25A	107667
10	0.4A	117403

COMPONENT	FUNCTION SEQUENCE
CONSOLE POWER ON OFF SW	
K1 COIL (24 VAC)	
RLY 2 (115 VAC)	
RLY 1 (+6, -3, VDC)	
RLY 3 (+48 VDC)	

DATE	EC NUMBER	DATE	EC NUMBER	AC VOLTAGE DISTR. 115V	
MAY 65	415-30D	MAR 66	415497	SEQ BOX - 60 HERTZ	
AUG 65	415-30E	MAY 66	415497A	DATE	DEC 65 P/N 2201321
OCT 65	415483B	JAN 67	419610B		TYPE 1131
JAN 66	415499	MAY 67	420319	IBM YP101	
MAR 66	415719	FEB 68	420364		

NOTES:
 1 TB7-7 IS CONNECTED DIRECTLY TO TB1-16 AS SHOWN BY DOTTED LINE UNLESS SAC EPO (PC5) IS INSTALLED, THEN PC5-23 & 28 SAC EPO) ARE USED.
 2 PC5 MAY NOT BE ON ALL SYSTEMS WITH SAC.

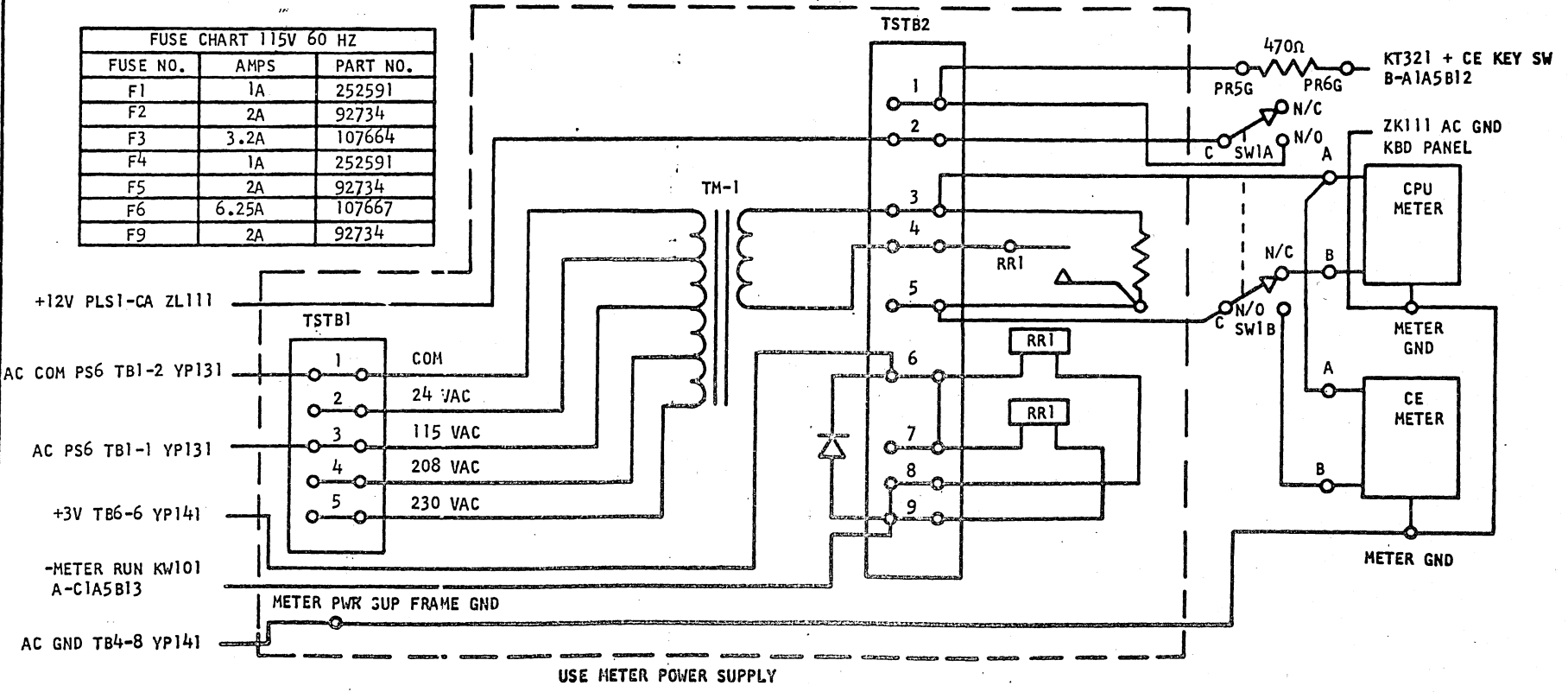
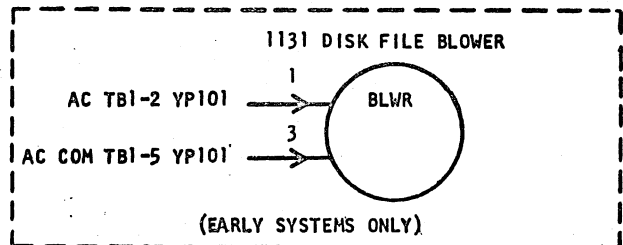
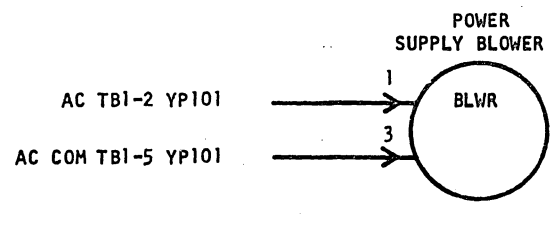
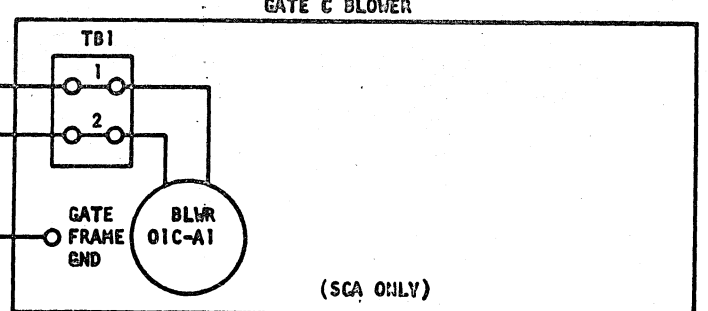
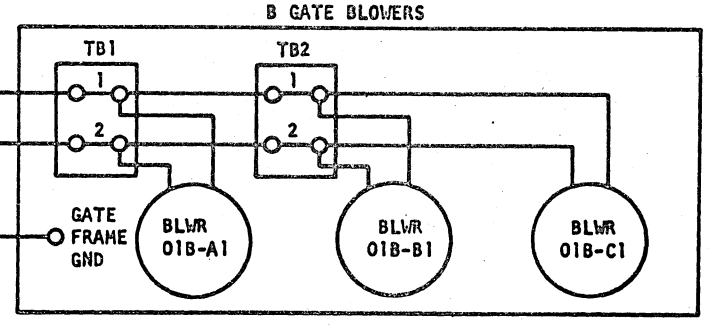
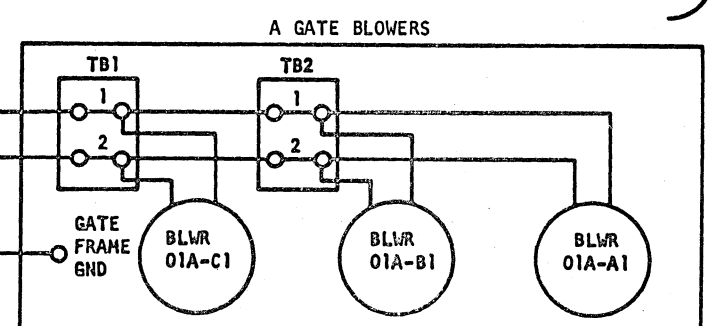


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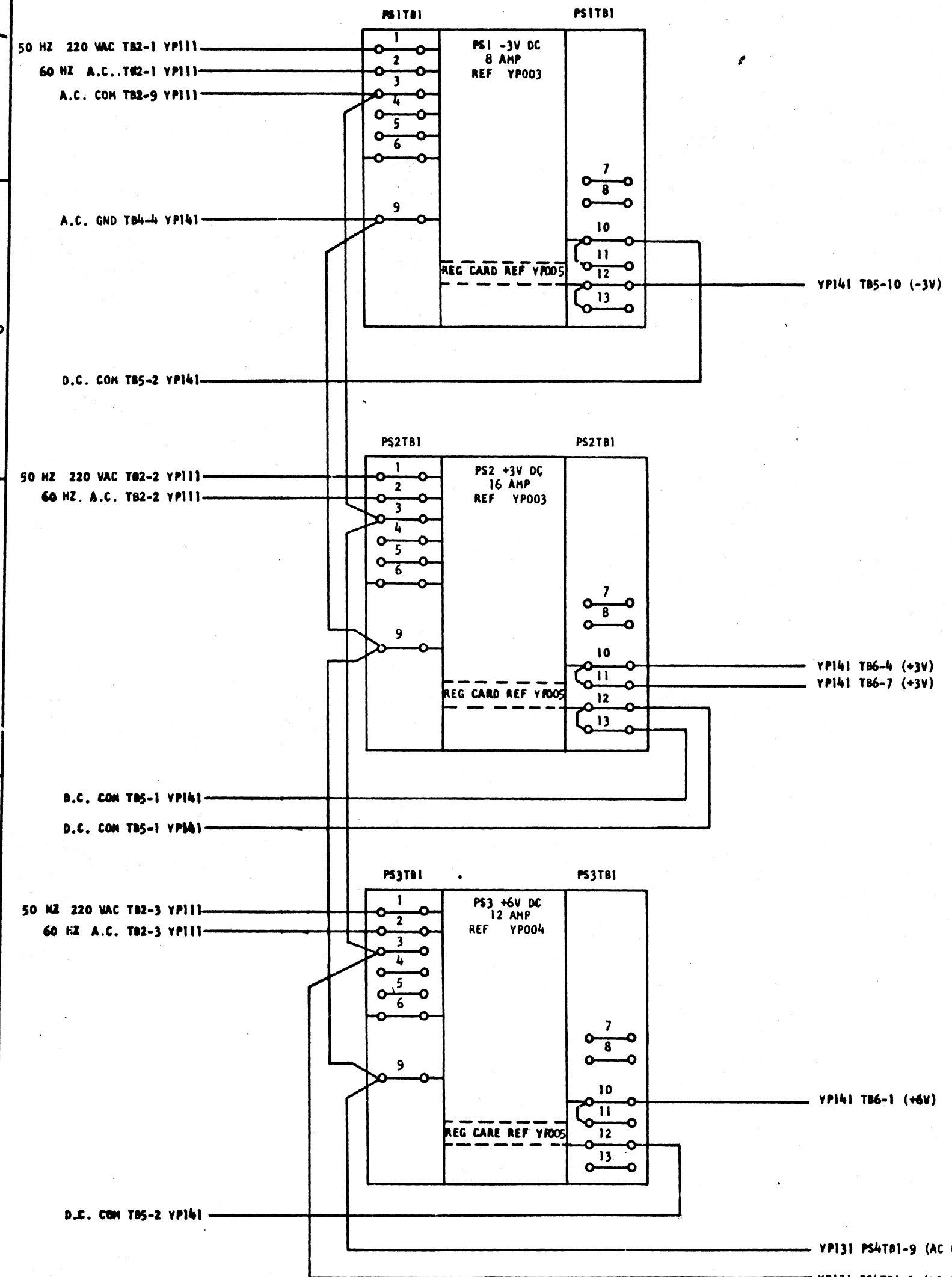
FUSE CHART 115V 60 HZ		
FUSE NO.	AMPS	PART NO.
F1	1A	252591
F2	2A	92734
F3	3.2A	107664
F4	1A	252591
F5	2A	92734
F6	6.25A	107667
F9	2A	92734

DATE	EC NUMBER	DATE	EC NUMBER	AC VOLTAGE DISTR. 115V	SEQ. BOX & BLWRS 60 HZ
5-26-67	415480D	MAY 67	420319		
AUG 65	415480E				
OCT 65	415483B				
FEB 66	419600				
DEC 66	419610B				

IBM YP111



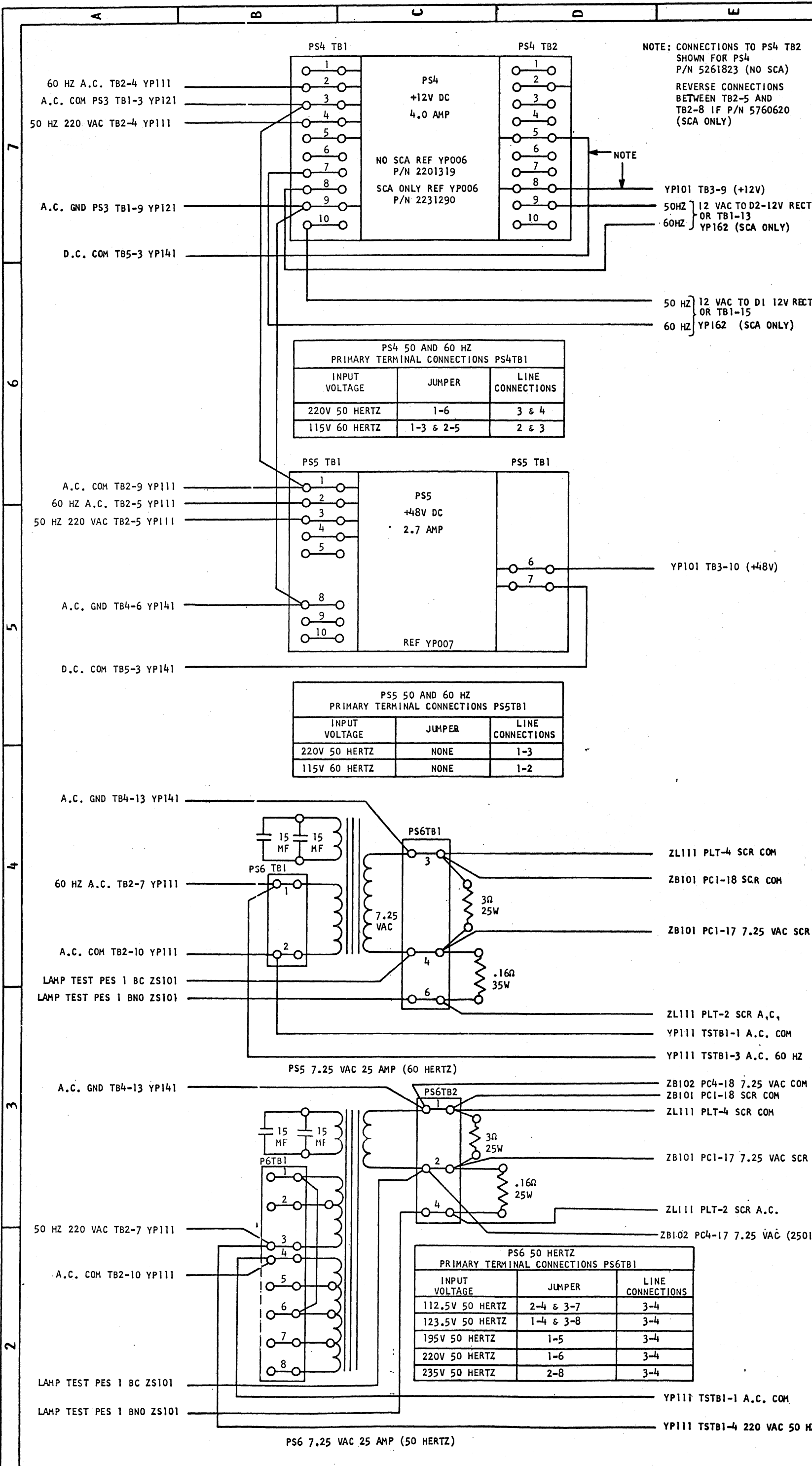
POWER SUPPLY		+6, +3, & -3V DC 50/60 HERTZ	
DATE	EC NUMBER	DATE	P N
MAY 65	415480D	DEC 66	2201323
AUG 65	415480E		TYPE
OCT 65	415483B		1131
MAR 66	415497		YP121
MAY 66	415497A		IBM



PS1, PS2, AND PS3 50 & 60 HZ PRIMARY
TERMINAL CONNECTIONS PS1TB1, PS2TB1, AND
PS3TB1

INPUT VOLTAGE	JUMPERS	LINE CONNECTIONS
220V 50 HERTZ	NONE	1 & 3
115V 60 HERTZ	1-3 & 2-5	2 & 3

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NOTE: CONNECTIONS TO PS4 TB2 SHOWN FOR PS4 P/N 5261823 (NO SCA) REVERSE CONNECTIONS BETWEEN TB2-5 AND TB2-8 IF P/N 5760620 (SCA ONLY)

NOTE

PS4 50 AND 60 HZ
PRIMARY TERMINAL CONNECTIONS PS4TB1

INPUT VOLTAGE	JUMPER	LINE CONNECTIONS
220V 50 HERTZ	1-6	3 & 4
115V 60 HERTZ	1-3 & 2-5	2 & 3

PS5 50 AND 60 HZ
PRIMARY TERMINAL CONNECTIONS PS5TB1

INPUT VOLTAGE	JUMPER	LINE CONNECTIONS
220V 50 HERTZ	NONE	1-3
115V 60 HERTZ	NONE	1-2

PS6 50 HERTZ
PRIMARY TERMINAL CONNECTIONS PS6TB1

INPUT VOLTAGE	JUMPER	LINE CONNECTIONS
112.5V 50 HERTZ	2-4 & 3-7	3-4
123.5V 50 HERTZ	1-4 & 3-8	3-4
195V 50 HERTZ	1-5	3-4
220V 50 HERTZ	1-6	3-4
235V 50 HERTZ	2-8	3-4

DATE	EC NUMBER	DATE	EC NUMBER	POWER SUPPLY
SEE INDEX CARD				+48V & +12V
AUG 66	415741	DATE JUN 67	P/N 2201324	50 AND 60 HERTZ
DEC 66	419610B		TYPE 1131	
JUN 67	420325			
FEB 68	420364			

RED

IBM

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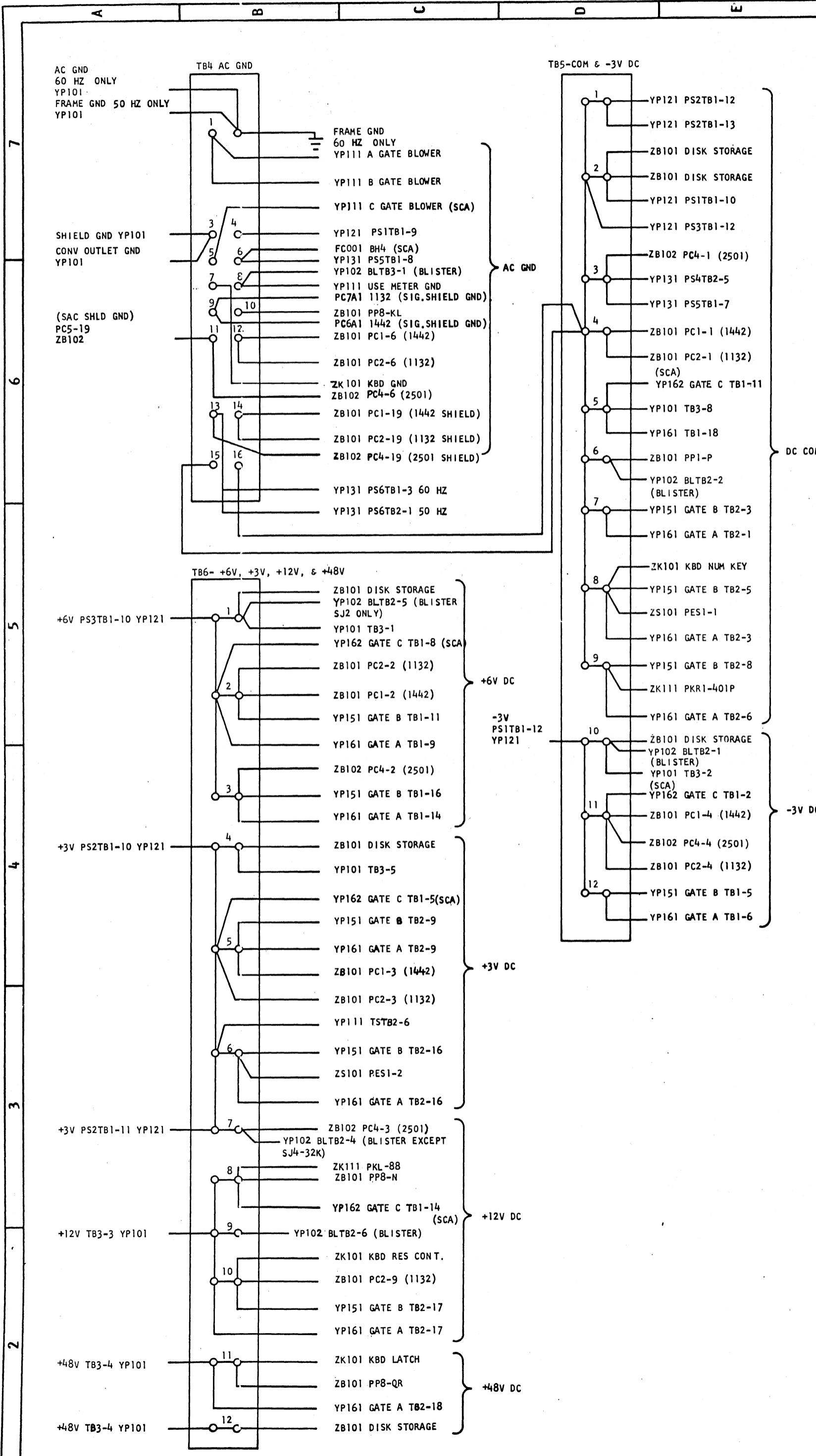
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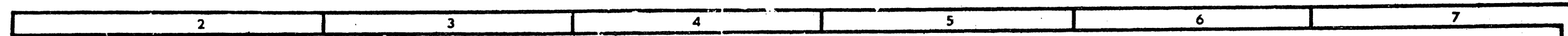
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DC VOLTAGE		DISTRIBUTION 50 & 60 HZ		DATE		P/N		TYPE		Y P 141	
DATE	EC NUMBER	DATE	EC NUMBER	DATE	EC NUMBER	DATE	EC NUMBER	DATE	EC NUMBER	DATE	EC NUMBER
MAY-65	415480D	MAR66	415497	JAN-65	2201325						
AUG-65	415480E	SEPT66	415734	JAN-65	2201325						
OCT 65	415483B	JAN 67	419610B								
JAN 66	415499	APR 67	420319								
MAR 66	415719	OCT 67	420327								

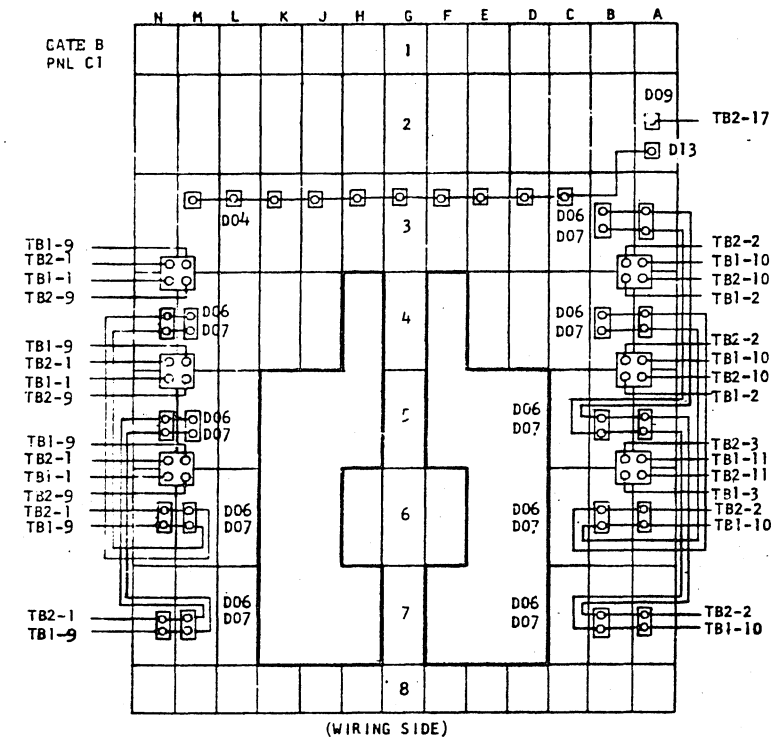
IBM

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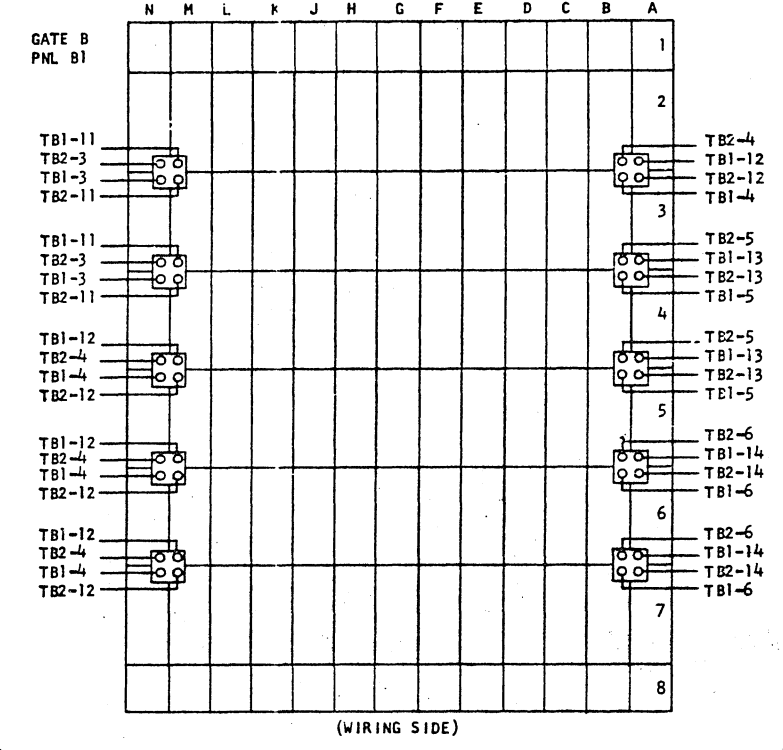


YP151

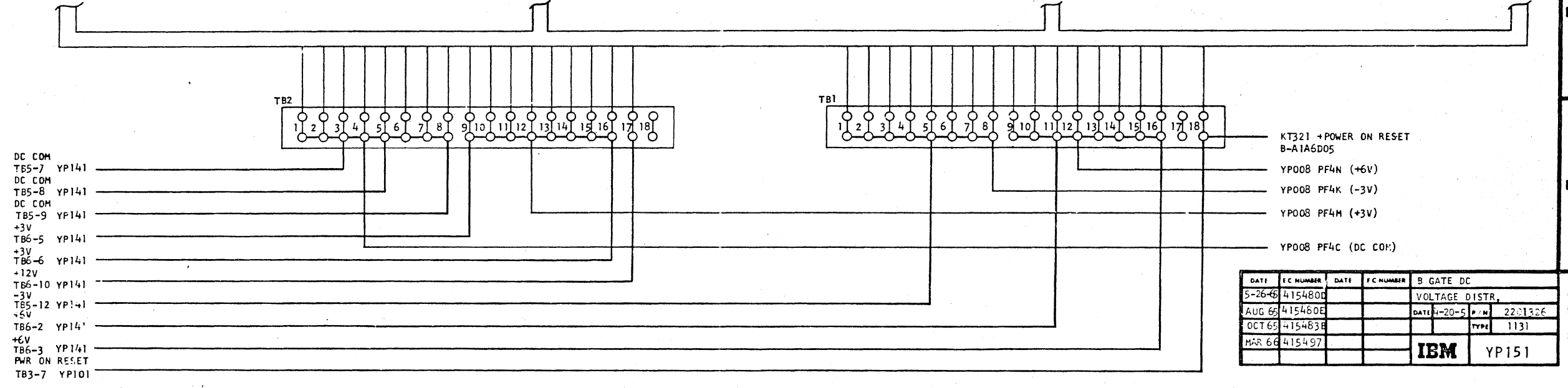
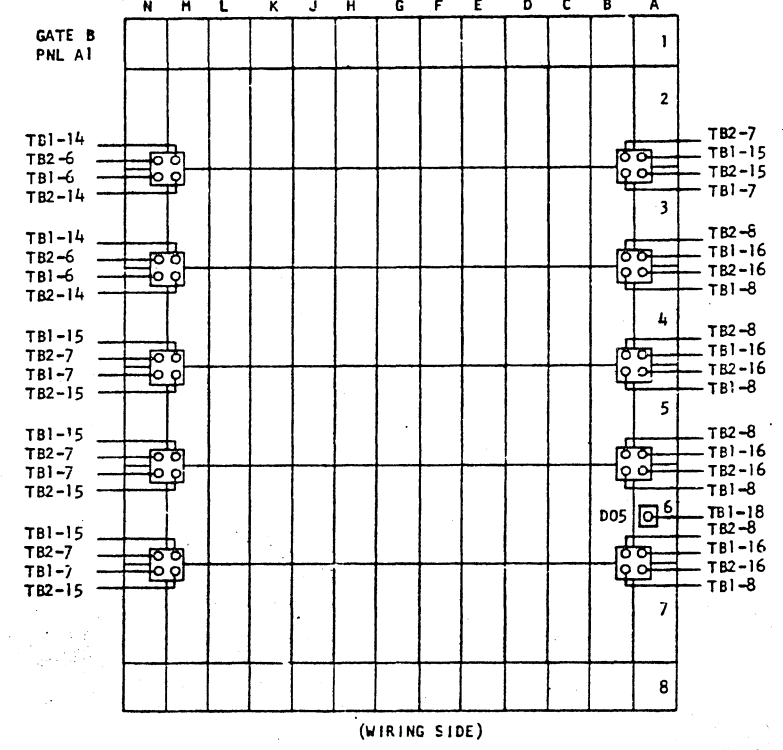
O1B-C1 (REFERRED TO AS 65Z-Z1 IN MEMORY LOGIC PAGES S0XXY)



O1B-B1



O1B-A1



DATE	FC NUMBER	DATE	FC NUMBER	B GATE DC
5-26-66	415480D			VOLTAGE DISTR.
AUG 65	415480E			DATE 4-20-5 P/N 2231326
OCT 65	415483E			TYPE 1131
MAR 66	415497			IBM YP151

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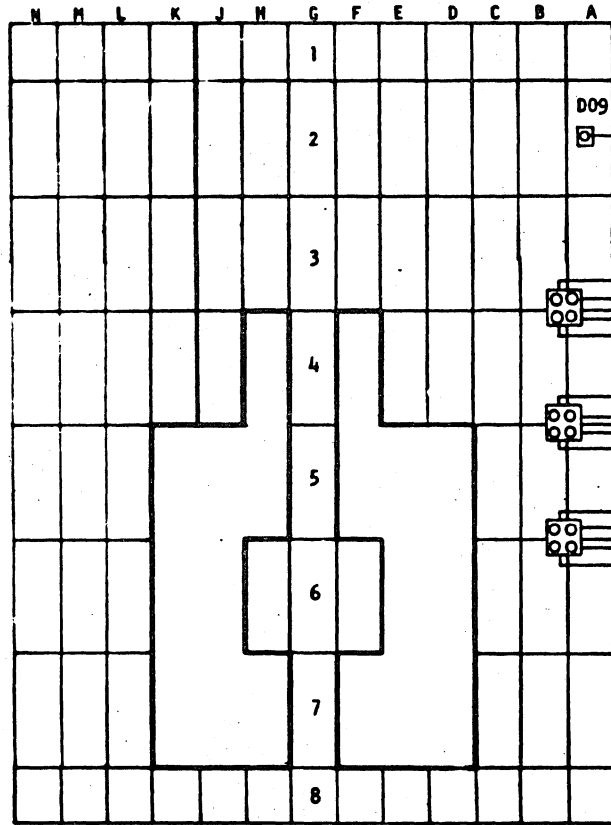
O1B-C1 (REFERRED TO AS 63Z-Z1 IN MEMORY LOGIC PAGES SDXXX)

O1B-B1

O1B-A1

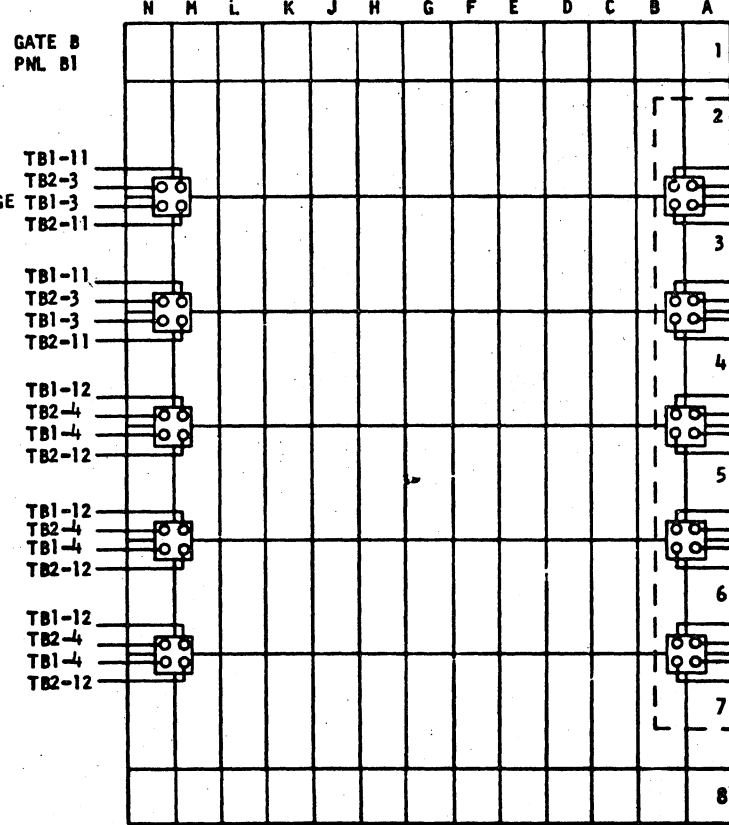
NOTE 1: TERMINALS NOT USED ON LATER SYSTEMS. VOLTAGES ARE SUPPLIED TO A 1 BOARD WITH CROSSOVERS.

GATE B
PNL C1



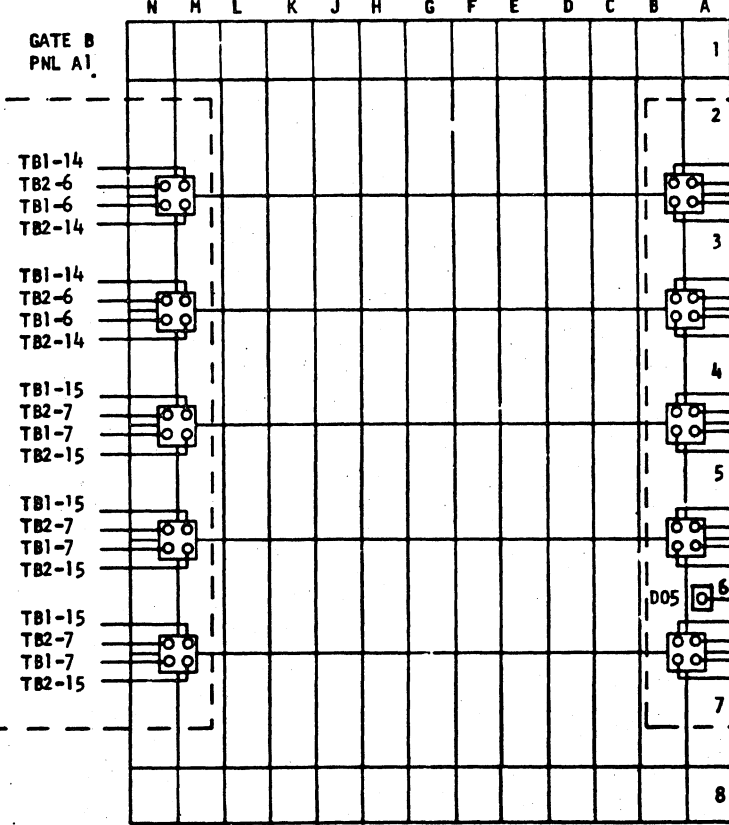
(WIRING SIDE)

GATE B
PNL B1

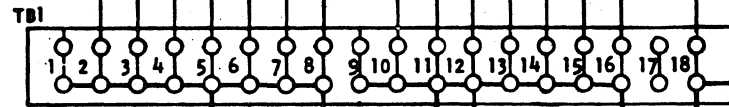
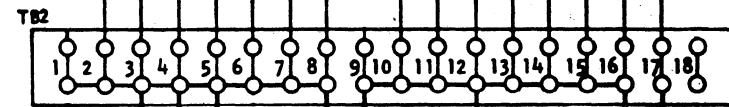


(WIRING SIDE)

GATE B
PNL A1



(WIRING SIDE)



DC COM
 TB5-7 YP141
 DC COM
 TB5-8 YP141
 DC COM
 TB5-9 YP141
 +3V
 TB6-5 YP141
 +3V
 TB6-6 YP141
 +12V
 TB6-10 YP141
 -3V
 TB5-12 YP141
 +6V
 TB6-2 YP141
 +6V
 TB6-3 YP141
 PWR ON RESET
 TB3-7 YP101

KT321 +POWER ON RESET
 B-A1A6D05
 YP008 PF4M (+6V)
 YF008 PF4K (-3V)
 YP008 PF4M (+3V)
 YP008 PF4C (DC COM)

DATE	EC NUMBER	DATE	EC NUMBER	B GATE DC
5-26-65	4154800	27 JUL 65	420442	VOLTAGE DISTR. MPS.
AUG 65	4154808			DATE 4-20-5 P/M 2201326
OCT 65	4154838			TYPE 1131
MAR 66	415497			
OCT 67	419665			

IBM YP151

1131 CONSOLE PRINTER (PF1 & 2) SIGNAL CONNECTIONS

FROM LOGIC	CONNECTION	LINE TITLE	TO LOGIC	CONNECTION
XW211	A-C1A4B02	-SELECT T2	ZW101	PF1A
XW211	A-C1A4D02	-SELECT T1	ZW101	PF1B
XW211	A-C1A4B03	-SELECT R2A	ZW101	PF1C
XW211	A-C1A4D04	-SELECT R1	ZW101	PF1D
XW221	A-C1A4B04	-SELECT R5	ZW101	PF1E
XW221	A-C1A4D05	-SELECT R2	ZW101	PF1F
XW221	A-C1A4B05	-SELECT AUX	ZW101	PF1G
XW221	A-C1A4D06	-LINE FEED	ZW101	PF1H
XW211	A-C1A4B07	-TAB	ZW101	PF1J
XW211	A-C1A4D07	-CR-LP AND EOL	ZW101	PF1K
XW121	A-C1A4B08	-UP SHIFT	ZW101	PF1L
-	-	NO CONNECTION	-	PF1M
-	-	NO CONNECTION	-	PF1N
-	-	NO CONNECTION	-	PF1P
-	-	NO CONNECTION	-	PF1Q
XW121	A-C1A4D09	-DOWN SHIFT	ZW101	PF1R
ZW101	PF2A	+TWR END OF LINE	XW111	A-C1A4B09
-	PF2B	NO CONNECTION	-	-
ZW101	PF2C	+12V E.O.L. INPUT	ZW101	PF2L (SEE ZW101)
-	PF2D	NO CONNECTION	-	-
ZW101	PF2E	-TWR CB RESPONSE	XW101	A-C1A4D10
ZW101	PF2F	CAR RET INLK	-	NOT USED
ZW101	PF2G	CRLFT INLK 2	-	NOT USED
XW211	A-C1A4B10	-SPACE	ZW101	PF2H
XW211	A-C1A4D11	-BACKSPACE	ZW101	PF2J
XW221	A-C1A4B12	-BLACK RIBBON SHIFT	ZW101	PF2K
ZW101	PF2L	-TWR END OF FORMS	XW121	A-C1A4D12
-	PF2M	NO CONNECTION	-	-
ZW101	PF2N	+TWR CRLFT INLK	XW121	A-C1A4B13
XW221	A-C1A4D13	-RED RIBBON SHIFT	ZW101	PF2P
-	NOT USED	DOUBLE LINE FEED	ZW101	PF2Q
-	NOT USED	SINGLE LINE FEED	ZW101	PF2R

1055 PAPER TAPE PUNCH (PF5) SIGNAL CONNECTIONS

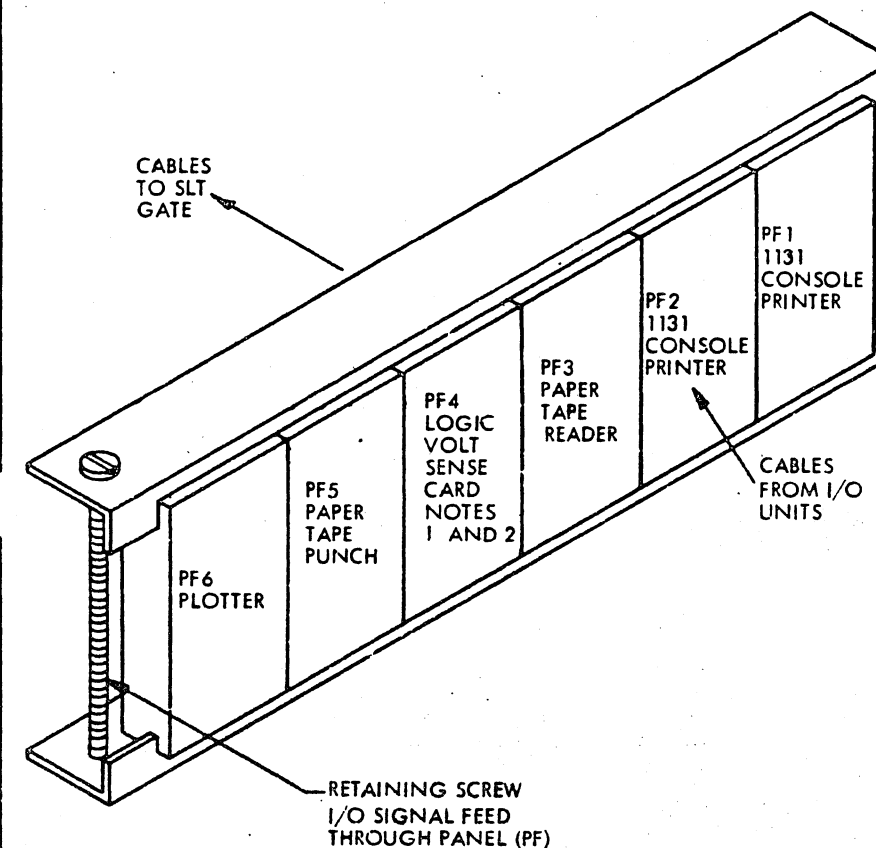
FROM LOGIC	CONNECTION	LINE TITLE	TO LOGIC	CONNECTION
ZT111	PF5A	BKSP PUNCH	-	NOT USED
-	-	R & S COUNTER	ZT111	PF5B
-	PF5C	NO CONNECTION	-	-
-	PF5D	NO CONNECTION	-	-
-	PF5E	NO CONNECTION	-	-
XT201	A-B1N5D04	-DRIVE P.T. PUNCH CLUTCH	ZT111	PF5F
XT211	A-B1N5B08	-P.T. PUNCH 8TH CHAN DRIVE	ZT111	PF5G
ZT111	PF5H	-P.T. PUNCH READY	XT201	A-B1N5B03
ZT111	PF5J	GND 8TH CHAN	-	NOT USED
XT221	A-B1N5B09	-P.T. PUNCH C DRIVE	ZT111	PF5K
XT211	A-B1N5D06	-P.T. PUNCH 1 DRIVE	ZT111	PF5L
XT221	A-B1N5B10	-P.T. PUNCH 2 DRIVE	ZT111	PF5M
XT221	A-B1N5D10	-P.T. PUNCH 4 DRIVE	ZT111	PF5N
XT221	A-B1N5B13	-P.T. PUNCH 8 DRIVE	ZT111	PF5P
XT211	A-B1N5D07	-P.T. PUNCH A DRIVE	ZT111	PF5Q
XT211	A-B1N5B07	-P.T. PUNCH B DRIVE	ZT111	PF5R

1627 MOD I OR II PLOTTER (PF6) SIGNAL CONNECTIONS

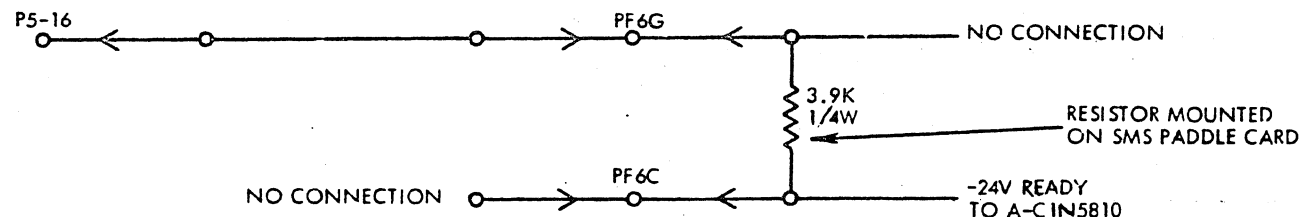
FROM LOGIC	CONNECTION	LINE TITLE	CONNECTION	PLUG P5
XG111	A-C1N5B10	NO CONNECTION	PF6A	-
-	-	NO CONNECTION	PF6B	-
-	-	-24V READY	PF6C*	-
-	NO CONN.	PF6A TO 6&F NO CONNECTION	PF6G*	16
-	-	-24V	PF6H	N.C.
-	-	NO CONNECTION	PF6J	-
-	-	NO CONNECTION	PF6K	-
XG111	A-C1N5D05	-PEN DOWN DRIVE	PF6L	12
XG111	A-C1N5B04	-PEN UP DRIVE	PF6M	11
XG101	A-C1N5D04	-CARR LEFT DRIVE	PF6N	7
XG101	A-C1N5B03	-CARR RIGHT DRIVE	PF6P	8
XG101	A-C1N5D02	-DRUM DOWN DRIVE	PF6Q	6
XG101	A-C1N5B02	-DRUM UP DRIVE	PF6R	5

1134 PAPER TAPE READER (PR3) SIGNAL CONNECTIONS

FROM LOGIC	CONNECTION	LINE TITLE	TO LOGIC	CONNECTION
XT331	A-B1A6D02	-PT READER CLUTCH DRIVE B	ZT101	PF3A
ZT101	PF3B	-PT READER READY	XT311	A-B1A6B03
ZT101	PF3C	-PT READ CONTACT 8TH CHNL	XT321	A-B1A6B12
-	NOT USED	REVERSE DRIVE A	ZT101	PF3D
-	NOT USED	REVERSE DRIVE B	ZT101	PF3E
XT331	A-B1A6D06	-PT READER CLUTCH DRIVE A	ZT101	PF3F
-	-	NO CONNECTION	-	PF3G
-	-	NO CONNECTION	-	PF3H
XT331	A-B1A6B02	-GATE PT CONTACTS COM	ZT101	PF3J
ZT101	PF3K	-PT READ CONTACT C	XT321	A-B1A6B10
ZT101	PF3L	-PT READ CONTACT 1	XT311	A-B1A6B04
ZT101	PF3M	-PT READ CONTACT 2	XT311	A-B1A6B05
ZT101	PF3N	-PT READ CONTACT 4	XT311	A-B1A6D07
ZT101	PF3P	-PT READ CONTACT 8	XT311	A-B1A6D09
ZT101	PF3Q	-PT READ CONTACT A	XT321	A-B1A6D13
ZT101	PF3R	-PT READ CONTACT B	XT321	A-B1A6D12



- NOTES:
 1. ALL PF4 CONNECTIONS SHOWN ON YP008
 2. ON MIDPACK MACHINES LOGIC VOLTAGE SENSE CARD IS LOCATED ON THE SIDE OF SEQ BOX ALL CONNECTIONS ARE ON YP111 P/N 2231332



*READY CIRCUIT (1627)

DATE	EC NUMBER	DATE	EC NUMBER	I/O SIGNAL	
MAY 65	415480D	JAN 67	419610B	FEED THROUGH	
SEPT 65	415484A	MAR 67	415727G	DATE	P/N 2201309
SEPT 65	415485	MAY 67	420325	TYPE	1131
OCT 65	415483B			IBM ZA101	
MAR 66	415497				

1442 POWER CONNECTIONS				
FROM 1131 LOGIC PAGE	CONN POSITION	LINE TITLE		TO 1442 LOGIC PAGE
		50 HZ	60 HZ	
YPI41	PC1-1	DC COM	DC COM	YA100
YPI41	PC1-2	+6V	+6V	YA100
YPI41	PC1-3	+3V	+3V	YA100
YPI41	PC1-4	-3V	-3V	YA100
YPI41	PC1-6	A.C. GND	A.C. GND	YA100
-	PC1-9	SPARE	SPARE	-
YPI131	PC1-17	SCR AC	SCR AC	YA100
YPI131	PC1-18	SCR COM	SCR COM	YA100
YPI41	PC1-19	SHIELD GND	SHIELD GND	-
YPI101	PC1-21	FAN AC COM	FAN AC COM	YA100
YPI101	PC1-22	220V AC COM	LINE COM	YA100
YPI101	PC1-23	CONV AC FAN	CONV AC FAN	YA100
YPI101	PC1-26	220V AC	115V AC	YA100
YPI101	PC1-27	220V AC	LINE V	YA100
YPI101	PC1-28	CONV COM	CONV COM	YA100

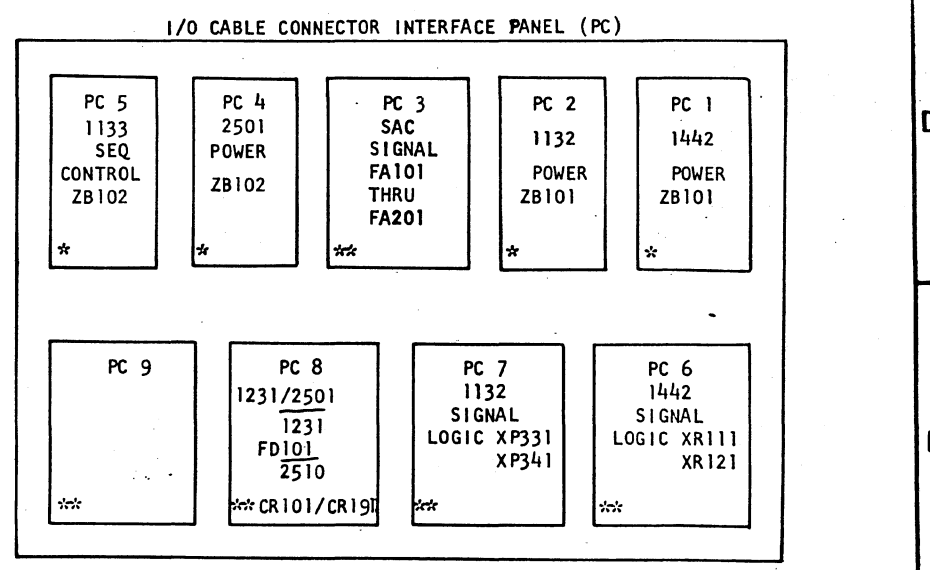
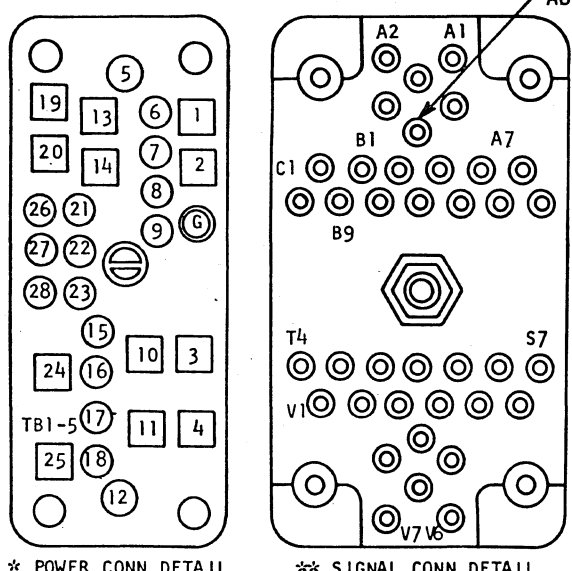
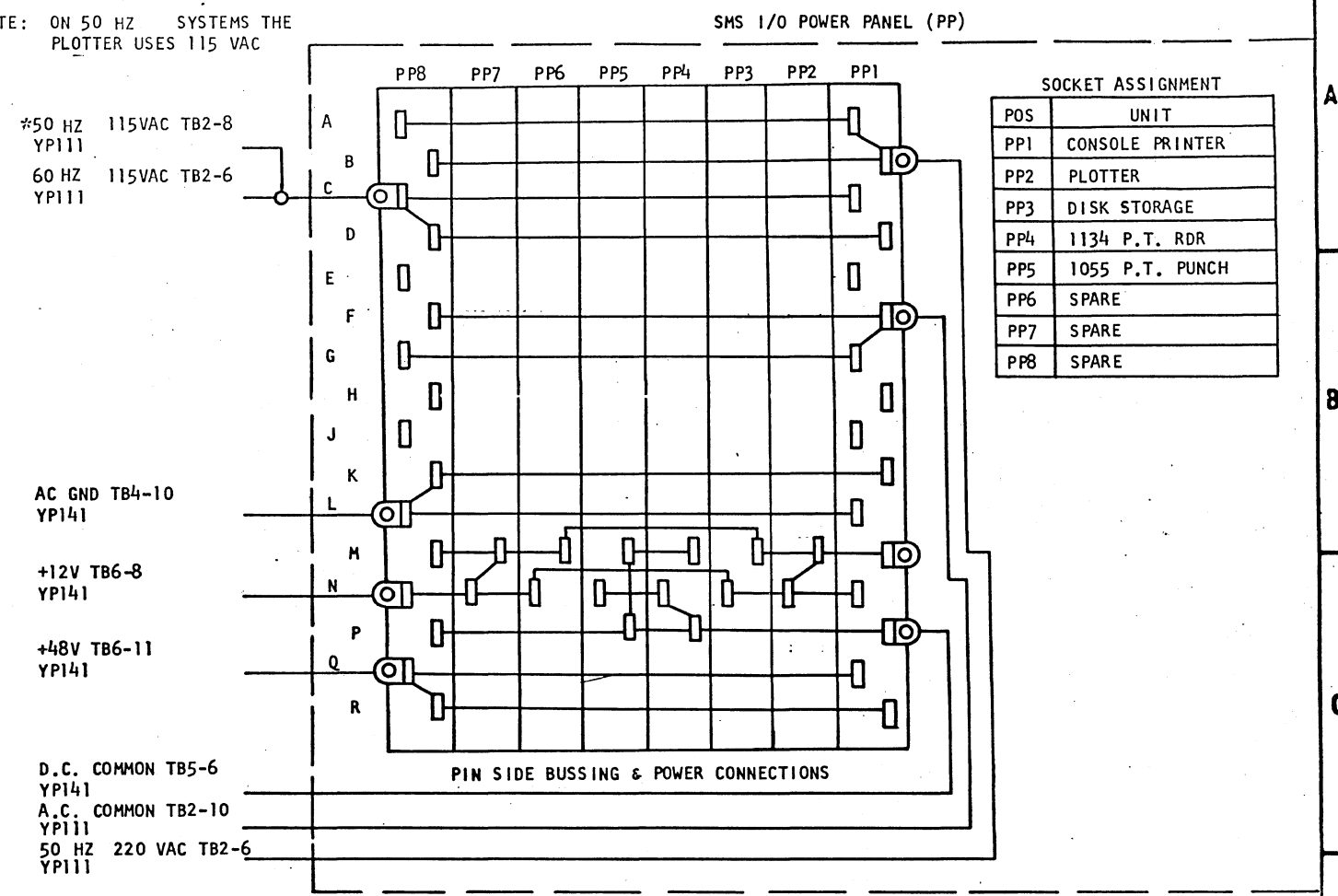
1132 POWER CONNECTIONS				
FROM 1131 LOGIC PAGE	CONN POSITION	LINE TITLE		TO 1132 LOGIC PAGE
		50 HZ	60 HZ	
YPI41	PC2-1	DC COM	DC COM	YA101
YPI41	PC2-2	+6V	+6V	YA101
YPI41	PC2-3	+3V	+3V	YA101
YPI41	PC2-4	-3V	-3V	YA101
YPI41	PC2-6	AC GND	AC GND	YA111
YPI41	PC2-9	+12V	+12V	YA101
YPI101	PC2-17	24V AC	24V AC	YA111
YPI101	PC2-18	24V AC COM	24V AC COM	YA111
YPI41	PC2-19	SHIELD GND	SHIELD GND	-
YPI101	PC2-21	FAN AC COM	FAN AC COM	YA111
YPI101	PC2-22	220V AC COM	LINE COM	YA111
YPI101	PC2-23	CONV AC	CONV AC	YA111
YPI101	PC2-26	FAN	FAN	YA111
YPI101	PC2-27	220V AC	115V AC	YA111
YPI101	PC2-28	220V AC	LINE V	YA111
YPI101	PC2-28	CONV COM	CONV COM	YA111

SMS POWER PANEL (PP) I/O UNIT CONNECTIONS			
VOLTAGE	POSITION	I/O UNIT	TO LOGIC PAGE
220 V AC (50HZ)	PP1-AB	CONSOLE PR	ZW101
A.C. COMMON	PP1-FG	CONSOLE PR	ZW101
115V AC (60HZ)	PP1-CD	CONSOLE PR	ZW101
AC GND	PP1-KL	CONSOLE PR	ZW101
+12V	PP1-MN	CONSOLE PR	ZW101
D.C. COMMON	PP1-P	CONSOLE PR	NOT USED
+48V	PP1-QR	CONSOLE PR	ZW101
NOT USED	PP2-AB	----	----
A.C. COMMON	PP2-FG	PLOTTER	CONN P5-17
115V A.C. *	PP2-CD	PLOTTER	CONN P5-18
A.C. GND	PP2-KL	PLOTTER	CONN P5-14
+12V	PP2-MN	----	NOT USED
D.C. COMMON	PP2-P	PLOTTER	CONN P5-15
+48V HZ	PP2-QR	----	----
220 VAC (50HZ)	PP3-AB	DISK STORAGE	XA101
A.C. COMMON	PP3-FG	DISK STORAGE	XA101
115 VAC (60HZ)	PP3-CD	DISK STORAGE	XA101
A.C. GND	PP3-KL	DISK STORAGE	XA101
+12V	PP3-MN	NOT USED	SEE BELOW
D.C. COMMON	PP3-P	NOT USED	FOR DC CONNECTIONS
+48V HZ	PP3-QR	NOT USED	----
220 VAC (50HZ)	PP4-AB	1134 P.T. RDR	ZT101
A.C. COMMON	PP4-FG	1134 P.T. RDR	ZT101
115 VAC (60HZ)	PP4-CD	1134 P.T. RDR	ZT101
A.C. GND	PP4-KL	1134 P.T. RDR	ZT101
D.C. COMMON	PP4-MNP	1134 P.T. RDR	ZT101
+48V HZ	PP4-QR	1134 P.T. RDR	ZT101
220 VAC (50HZ)	PP5-AB	1055 P.T. PUN	ZT111
A.C. COMMON	PP5-FG	1055 P.T. PUN	ZT111
115 VAC (60HZ)	PP5-CD	1055 P.T. PUN	ZT111
A.C. GND	PP5-KL	1055 P.T. PUN	ZT111
D.C. COMMON	PP5-MNP	1055 P.T. PUN	ZT111
+48V	PP5-QR	1055 P.T. PUN	ZT111

DISK STORAGE DC VOLTAGE CONNECTIONS			
FROM CPU LOGIC	1131 CONN	VOLTAGE	TO FILE LOGIC
YPI41	TB5-2	D.C. COMMON	XA101
YPI41	TB5-10	-3V	XA101
YPI41	TB6-1	+6V	XA101
YPI41	TB6-4	+3V	XA101
YPI41	TB6-12	+48V	XA101
YPI41	TB5-2	+48V GND	XA101

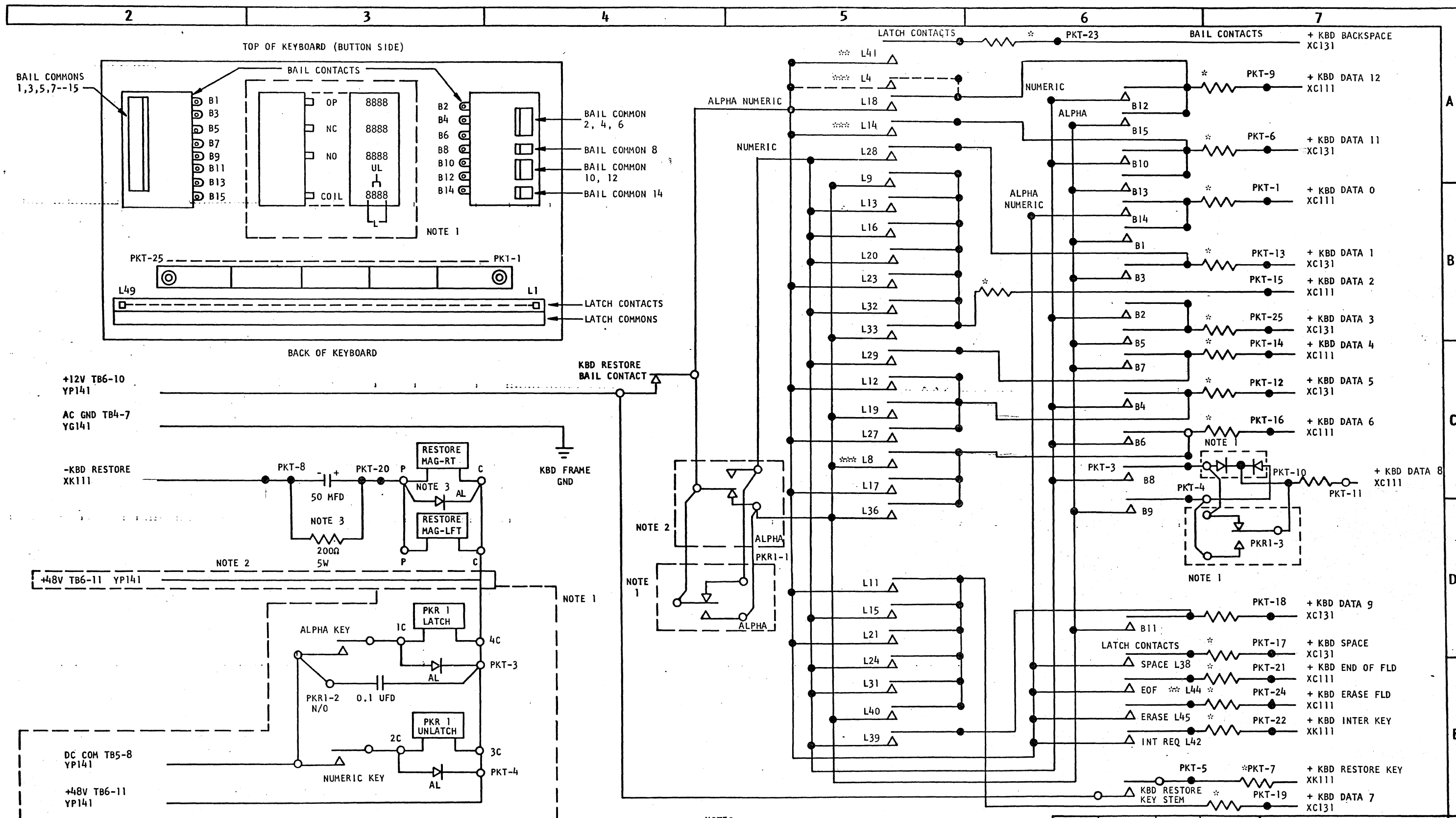
DISK STORAGE CONTROL LINES		
FROM CPU LOGIC	SIGNAL NAME	TO FILE LOGIC
ZK111	-DISK UNLOCK LAMP	XA101
ZK111	+48V	XA101
ZK111	-FILE MOTOR LATCH ON	XA101
ZK111	48V GND	XA101
ZK111	-NOT HEAD LOAD SWITCH	XA101
ZK111	-START FILE MOTOR	XA101

* NOTE: ON 50 HZ SYSTEMS THE PLOTTER USES 115 VAC



VIEW FROM I/O CABLE PLUG SIDE				I/O POWER DISTRIBUTION	
DATE	EC NUMBER	DATE	EC NUMBER	DATE	P/N
SEE INDEX CARD				JAN 65	2201312
DEC 66	4196108				TYPE 1131
NOV 67	420325A				
FEB 68	420364				
				IBM	ZB101

I/O CONNECTOR INTERFACE POWER CONNECTIONS



NOTES:

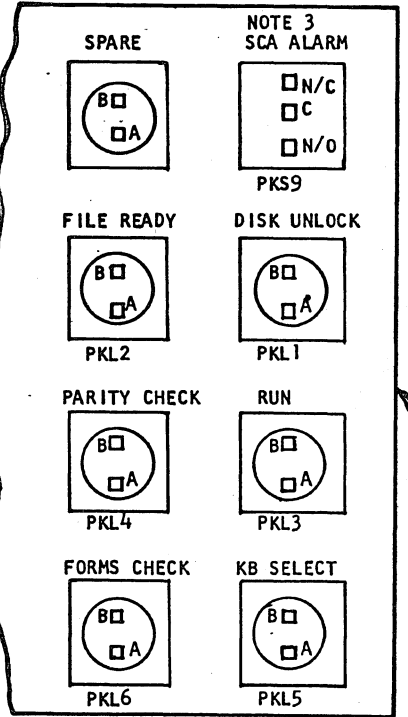
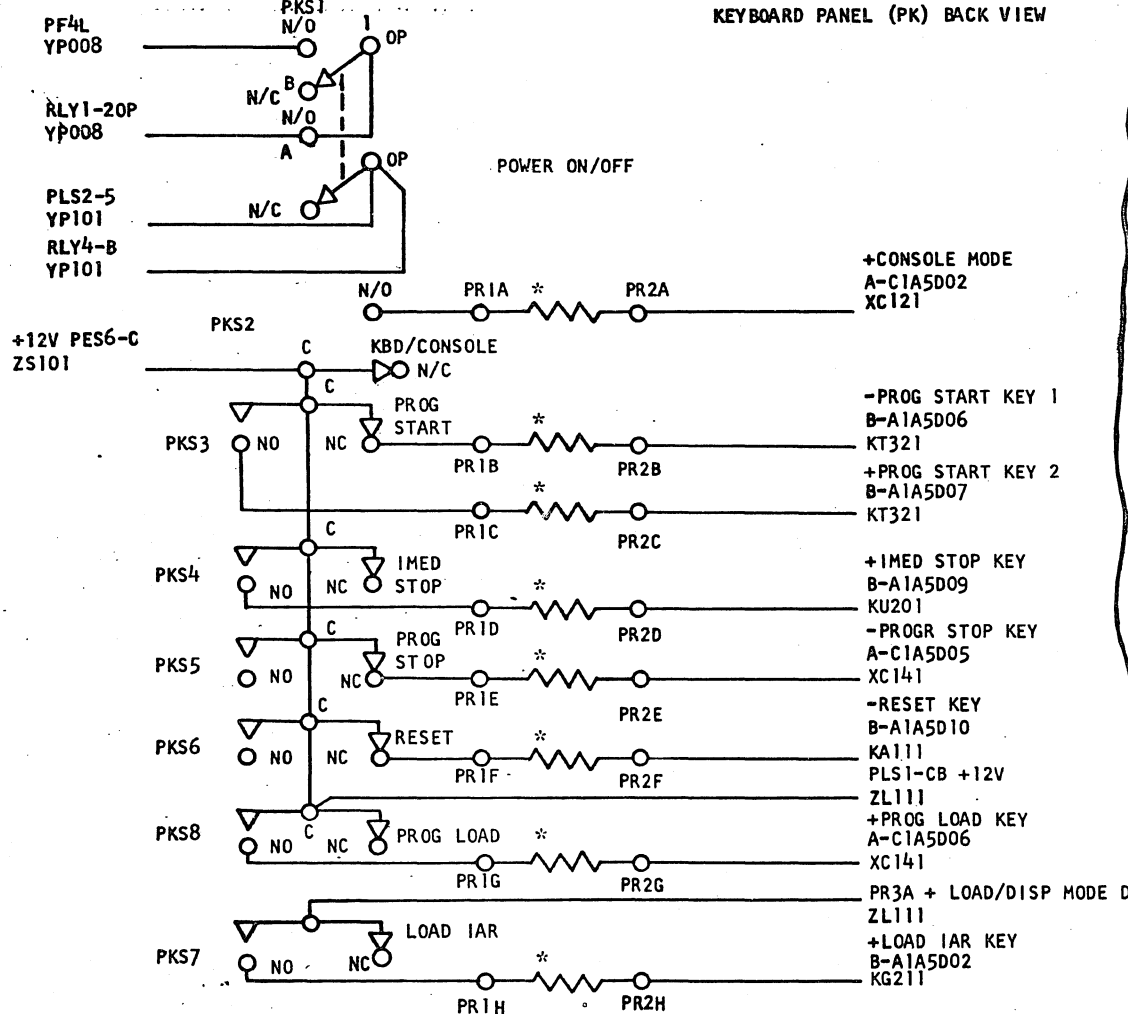
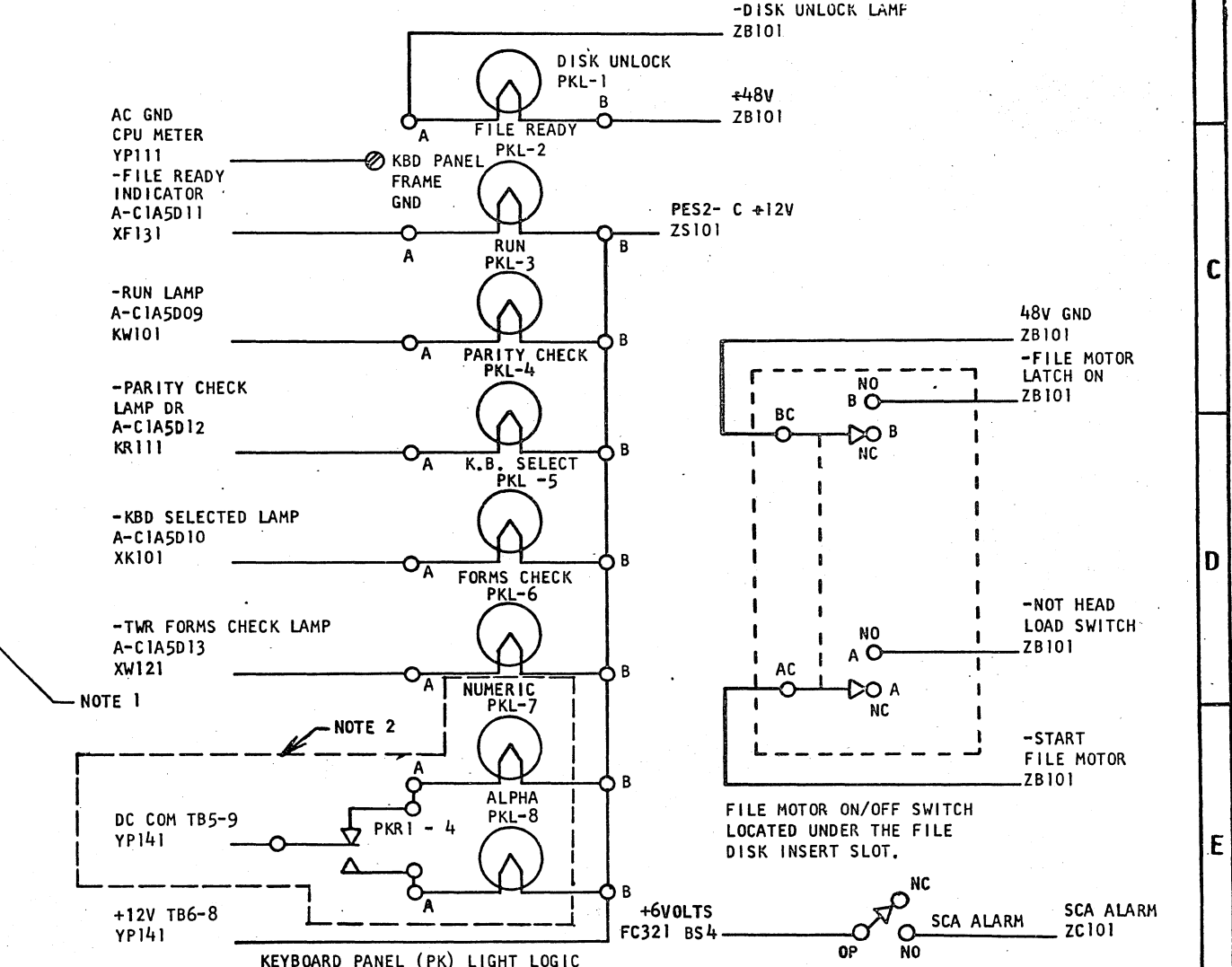
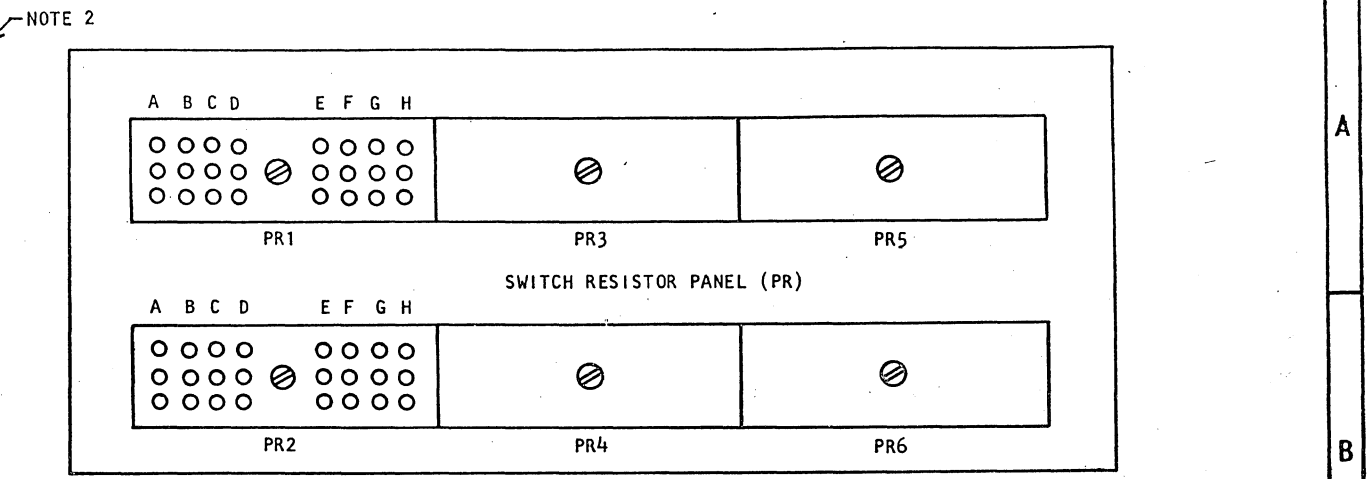
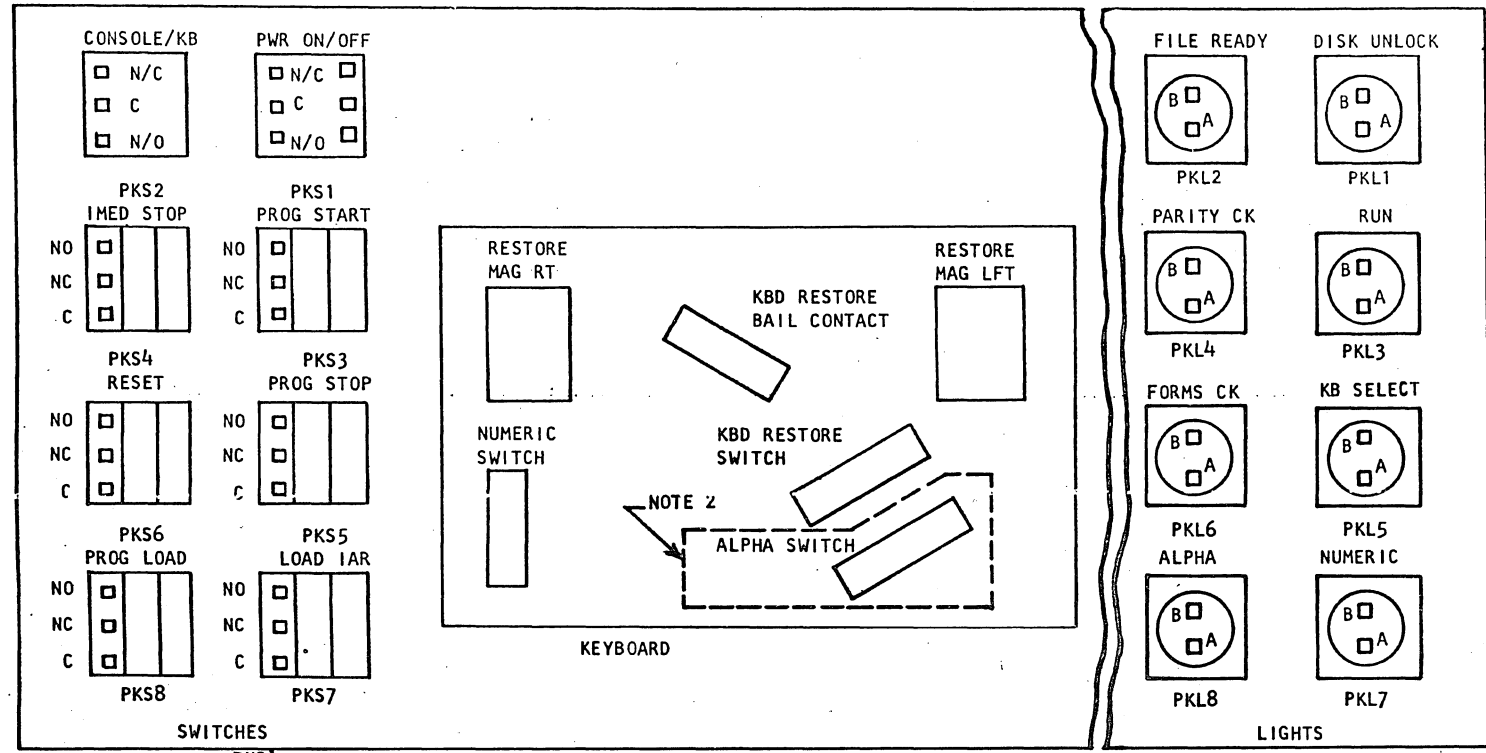
- * ALL RESISTORS 470Ω 1/4W UNLESS OTHERWISE NOTED
- ** ON EARLY PRODUCTION KEYBOARDS BACKSPACE AND ERASE FIELD SIGNALS ARE CONNECTED TO L43 AND L41 RESPECTIVELY
- *** ON FRENCH/BELGIAN KEYBOARDS ONLY: L4 IS CONNECTED AS SHOWN AND L8 IS REPLACED WITH L7. ON GERMAN, NORW/DANNISH, AND SWEDISH/FINNISH KEYBOARDS ONLY: L14 IS NOT CONNECTED
- 1. CIRCUIT CONFIGURATION ON ALL MACHINES WITH ALPHA & NUMERIC LENSES.
- 2. CIRCUIT CONFIGURATION ON ALL MACHINES WITHOUT ALPHA & NUMERIC LENSES.

NOTES:

3. KEYBOARDS WITH RC NETWORK BETWEEN PKT-8 & PKT-20 WILL NOT HAVE DIODE ACROSS RESTORE MAGNET.

RED

DATE	EC NUMBER	DATE	EC NUMBER	KEYBOARD LOGIC
MAY 65	415480D	APR 67	415734A	
AUG 65	415480E	FEB 68	420364	DATE APR 67 P/N 2201300
JAN 66	415499			TYPE 1131
APR 66	415709G			IBM ZK101
SEP 66	415734			



KEYBOARD PANEL (PK) PUSH BUTTON SWITCH LOGIC *
 * NOTE: ALL RESISTORS 470Ω 1/4W
 NOTE 1: PRESENT IF NO ALPHA-NUMERIC LIGHTS
 NOTE 2: PRESENT IF ALPHA-NUMERIC LIGHTS
 NOTE 3: SPARE SOCKET IF NO SCA

DATE	EC NUMBER	DATE	EC NUMBER	KEYBOARD SW & LITE PANEL		
5-26-65	415480D	MAY 66	415497A	DATE	JUL 66	P/N 2201301
AUG 65	415480E	SEP 66	415734 B			TYPE 1131
JAN 66	415704P	DEC 66	419610			
FEB 66	419600	APR 67	415734A			
MAR 66	415497	FEB 68	420364			

IBM ZK III

LIGHT POSITION	LINE TITLE	FROM LOGIC	GATE AND POSITION
PLA02	+ OP BIT 4	RN101	B-A1A2B07
PLA03	+ OP BIT 3	RN101	B-A1A2B05
PLA04	+ OP BIT 2	RN101	B-A1A2B04
PLA05	+ OP BIT 1	RN101	B-A1A2B03
PLA06	+ OP BIT 0	RN101	B-A1A2B02
PLA11	+ T7	KC111	B-A1A3D12
PLA12	+ T6	KC111	B-A1A3B12
PLA13	+ T5	KC111	B-A1A3D11
PLA14	+ T4	KC111	B-A1A3B10
PLA15	+ T3	KC101	B-A1A3D10
PLA16	+ T2	KC101	B-A1A3B09
PLA17	+ T1	KC101	B-A1A3D09
PLA18	+ T0	KC101	B-A1A3B08
PLA20	+ INSTR ADDR BIT 15	RB271	B-B1N2D10
PLA21	+ INSTR ADDR BIT 14	RB261	B-B1N2B09
PLA22	+ INSTR ADDR BIT 13	RB251	B-B1N2D09
PLA23	+ INSTR ADDR BIT 12	RB241	B-B1N2B08
PLA24	+ INSTR ADDR BIT 11	RB231	B-B1N2D07
PLA25	+ INSTR ADDR BIT 10	RB221	B-B1N2B07
PLA26	+ INSTR ADDR BIT 9	RB211	B-B1N2D06
PLA27	+ INSTR ADDR BIT 8	RB201	B-B1N2B05
PLA28	+ INSTR ADDR BIT 7	RB171	B-B1N2D05
PLA29	+ INSTR ADDR BIT 6	RB161	B-B1N2B04
PLA30	+ INSTR ADDR BIT 5	RB151	B-B1N2D04
PLA31	+ INSTR ADDR BIT 4	RB141	B-B1N2B03
PLA32	+ INSTR ADDR BIT 3	RB131	B-B1N2D02
PLA33	+ INSTR ADDR BIT 2	RB121	B-B1N2B02
PLB02	+ MOD 9	RN111	B-A1A2D07
PLB03	+ MOD 8	RN111	B-A1A2D06
PLB04	+ TAG 7	RN101	B-A1A2D05
PLB05	+ TAG 6	RN101	B-A1A2D04
PLB06	+ FORMAT 5	RN101	B-A1A2D02
PLB11	+ X7	KM111	B-A1A4D07
PLB12	+ E3 CYCLE	KD111	B-A1A3D05
PLB13	+ E2 CYCLE	KD111	B-A1A3D04
PLB14	+ E1 CYCLE	KD111	B-A1A3D02
PLB15	+ IA CYCLE	KD111	B-A1A3B04
PLB16	+ IX CYCLE	KD101	B-A1A3B05
PLB17	+ I2 CYCLE	KD101	B-A1A3B03
PLB18	+ I1 CYCLE	KD101	B-A1A3B02

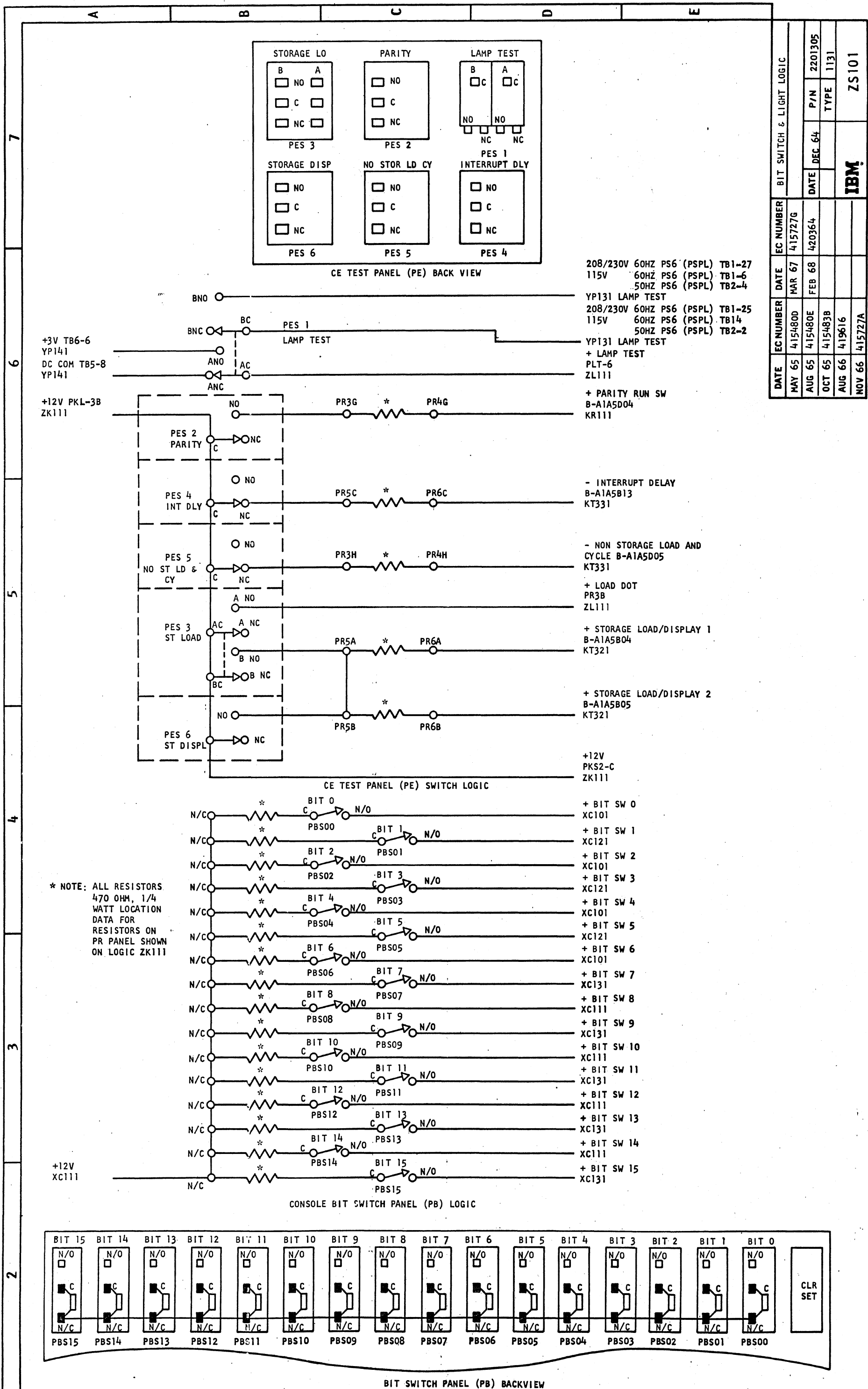
LIGHT POSITION	LINE TITLE	FROM LOGIC	GATE AND POSITION
PLB20	+ STORAGE ADDR BIT 15	MB101	B-B1M2D10
PLB21	+ STORAGE ADDR BIT 14	RB261	B-B1M2B09
PLB22	+ STORAGE ADDR BIT 13	RB251	B-B1M2D09
PLB23	+ STORAGE ADDR BIT 12	RB241	B-B1M2B08
PLB24	+ STORAGE ADDR BIT 11	RB231	B-B1M2D07
PLB25	+ STORAGE ADDR BIT 10	RB221	B-B1M2B07
PLB26	+ STORAGE ADDR BIT 9	RB211	B-B1M2D06
PLB27	+ STORAGE ADDR BIT 8	RB201	B-B1M2B05
PLB28	+ STORAGE ADDR BIT 7	RB171	B-B1M2D05
PLB29	+ STORAGE ADDR BIT 6	RB161	B-B1M2B04
PLB30	+ STORAGE ADDR BIT 5	RB151	B-B1M2D04
PLB31	+ STORAGE ADDR BIT 4	RB141	B-B1M2B03
PLB32	+ STORAGE ADDR BIT 3	RB131	B-B1M2D02
PLB33	+ STORAGE ADDR BIT 2	RB121	B-B1M2B02
PLC03	+ INDEX ADDR 3	KU201	B-A1A2D13
PLC04	+ INDEX ADDR 2	KU201	B-A1A2B13
PLC05	+ INDEX ADDR 1	KU201	B-A1A2B12
PLC11	+ SHIFT CTRL TR	KT121	B-A1A4B04
PLC12	+ ARITH CTRL TR	KT121	B-A1A4B03
PLC13	+ ADD TR	KT111	B-A1A4B02
PLC15	+ WAIT OP	KU211	B-A1A2D12
PLC17	+ CK BIT P2	KR111	B-A1A3D07
PLC18	+ CK BIT P1	KR111	B-A1A3B07
PLC20	+ B REG BIT 15	RB271	B-B1M3D11
PLC21	+ B REG BIT 14	RB261	B-B1M3B10
PLC22	+ B REG BIT 13	RB251	B-B1M3D10
PLC23	+ B REG BIT 12	RB241	B-B1M3B09
PLC24	+ B REG BIT 11	RB231	B-B1M3D09
PLC25	+ B REG BIT 10	RB221	B-B1M3B08
PLC26	+ B REG BIT 9	RB211	B-B1M3D07
PLC27	+ B REG BIT 8	RB201	B-B1M3B07
PLC28	+ B REG BIT 7	RB171	B-B1M3D06
PLC29	+ B REG BIT 6	RB161	B-B1M3B05
PLC30	+ B REG BIT 5	RB151	B-B1M3D05
PLC31	+ B REG BIT 4	RB141	B-B1M3B04
PLC32	+ B REG BIT 3	RB131	B-B1M3D04
PLC33	+ B REG BIT 2	RB121	B-B1M3B03
PLC34	+ B REG BIT 1	RB111	B-B1M3D02

LIGHT POSITION	LINE TITLE	FROM LOGIC	GATE AND POSITION
PLC35	+ B REG BIT 0	RB101	B-BJM3B02
PLD01	+ INT LEVEL 5	KM321	B-A1A4D11
PLD02	+ INT LEVEL 4	KM321	B-A1A4B10
PLD03	+ INT LEVEL 3	KM311	B-A1A4D10
PLD04	+ INT LEVEL 2	KM311	B-A1A4B09
PLD05	+ INT LEVEL 1	KM301	B-A1A4D09
PLD06	+ INT LEVEL 0	KM301	B-A1A4B08
PLD11	+ ZERO RMDR TR	KT131	B-A1A4D05
PLD12	+ TEMP CARRY TR	KS101	B-A1A4D04
PLD13	+ ARITH SIGN TR	KT111	B-A1A4D02
PLD20	+ D REG BIT 15	RD171	B-B1N4D11
PLD21	+ D REG BIT 14	RD171	B-B1N4B10
PLD22	+ D REG BIT 13	RD161	B-B1N4D10
PLD23	+ D REG BIT 12	RD161	B-B1N4B09
PLD24	+ D REG BIT 11	RD151	B-B1N4D09
PLD25	+ D REG BIT 10	RD151	B-B1N4B08
PLD26	+ D REG BIT 9	RD141	B-B1N4D07
PLD27	+ D REG BIT 8	RD141	B-B1N4B07
PLD28	+ D REG BIT 7	RD131	B-B1N4D06
PLD29	+ D REG BIT 6	RD131	B-B1N4B05
PLD30	+ D REG BIT 5	RD121	B-B1N4D05
PLD31	+ D REG BIT 4	RD121	B-B1N4B04
PLD32	+ D REG BIT 3	RD111	B-B1N4D04
PLD33	+ D REG BIT 2	RD111	B-B1N4B03
PLD34	+ D REG BIT 1	RD101	B-B1N4D02
PLD35	+ D REG BIT 0	RD101	B-B1N4B02
PLE01	+ CCC 1	RS101	B-A1A2B08
PLE02	+ CCC 2	RS101	B-A1A2B09
PLE03	+ CCC 4	RS111	B-A1A2B10
PLE04	+ CCC 8	RS111	B-A1A2D09
PLE05	+ CCC 16	RS121	B-A1A2D10
PLE06	+ CCC 32	RS121	B-A1A2D11
PLE13	+ CE LAMP 6		B-A1A4D13
PLE14	+ CE LAMP 5		B-A1A4B13
PLE15	+ CE LAMP 4		B-A1A4D12
PLE16	+ CE LAMP 3		B-A1A4B12
PLE17	+ CE LAMP 2		B-A1A3D13
PLE18	+ CE LAMP 1		B-A1A3B13
PLE20	+ A REG BIT 15	RA271	B-B1N3D13
PLE21	+ A REG BIT 14	RA261	B-B1N3B13

LIGHT POSITION	LINE TITLE	FROM LOGIC	GATE AND POSITION
PLE22	+ A REG BIT 13	RA251	B-B1N3D12
PLE23	+ A REG BIT 12	RA241	B-B1N3B12
PLE24	+ A REG BIT 11	RA231	B-B1M3D13
PLE25	+ A REG BIT 10	RA221	B-B1M3B13
PLE26	+ A REG BIT 9	RA211	B-B1M3D12
PLE27	+ A REG BIT 8	RA201	B-B1M3B12
PLE28	+ A REG BIT 7	RA171	B-B1N2D12
PLE29	+ A REG BIT 6	RA161	B-B1N2B12
PLE30	+ A REG BIT 5	RA151	B-B1N2D11
PLE31	+ A REG BIT 4	RA141	B-B1N2B10
PLE32	+ A REG BIT 3	RA131	B-B1M2D12
PLE33	+ A REG BIT 2	RA121	B-B1M2B12
PLE34	+ A REG BIT 1	RA111	B-B1M2D11
PLE35	+ A REG BIT 0	RA101	B-B1M2B10
PLF05	+ OVERFLOW TR	KS111	B-A1A4D06
PLF06	+ CARRY TR	KS101	B-A1A4B05
PLF13	CE IND LAMP 12		B-B1N4D12
PLF14	CE IND LAMP 11		B-B1N4B12
PLF15	CE IND LAMP 10		B-B1N2D13
PLF16	CE IND LAMP 9		B-B1N2B13
PLF17	CE IND LAMP 8		B-B1M2D13
PLF18	CE IND LAMP 7		B-B1M2B13
PLF20	+ Q REG BIT 15	RQ171	B-B1N3D11
PLF21	+ Q REG BIT 14	RQ171	B-B1N3B10
PLF22	+ Q REG BIT 13	RQ161	B-B1N3D10
PLF23	+ Q REG BIT 12	RQ161	B-B1N3B09
PLF24	+ Q REG BIT 11	RQ151	B-B1N3D09
PLF25	+ Q REG BIT 10	RQ151	B-B1N3B08
PLF26	+ Q REG BIT 9	RQ141	B-B1N3D07
PLF27	+ Q REG BIT 8	RQ141	B-B1N3B07
PLF28	+ Q REG BIT 7	RQ131	B-B1N3D06
PLF29	+ Q REG BIT 6	RQ131	B-B1N3B05
PLF30	+ Q REG BIT 5	RQ121	B-B1N3D05
PLF31	+ Q REG BIT 4	RQ121	B-B1N3B04
PLF32	+ Q REG BIT 3	RQ111	B-B1N3D04
PLF33	+ Q REG BIT 2	RQ111	B-B1N3B03
PLF34	+ Q REG BIT 1	RQ101	B-B1N3D02
PLF35	+ Q REG BIT 0	RQ101	B-B1N3B02
-	SPARE	-	B-A1A4B07
-	SPARE	-	B-A1A3D06
-	SPARE	-	B-B1N4B13
-	SPARE	-	B-B1N4D13

A
B
C
D
E

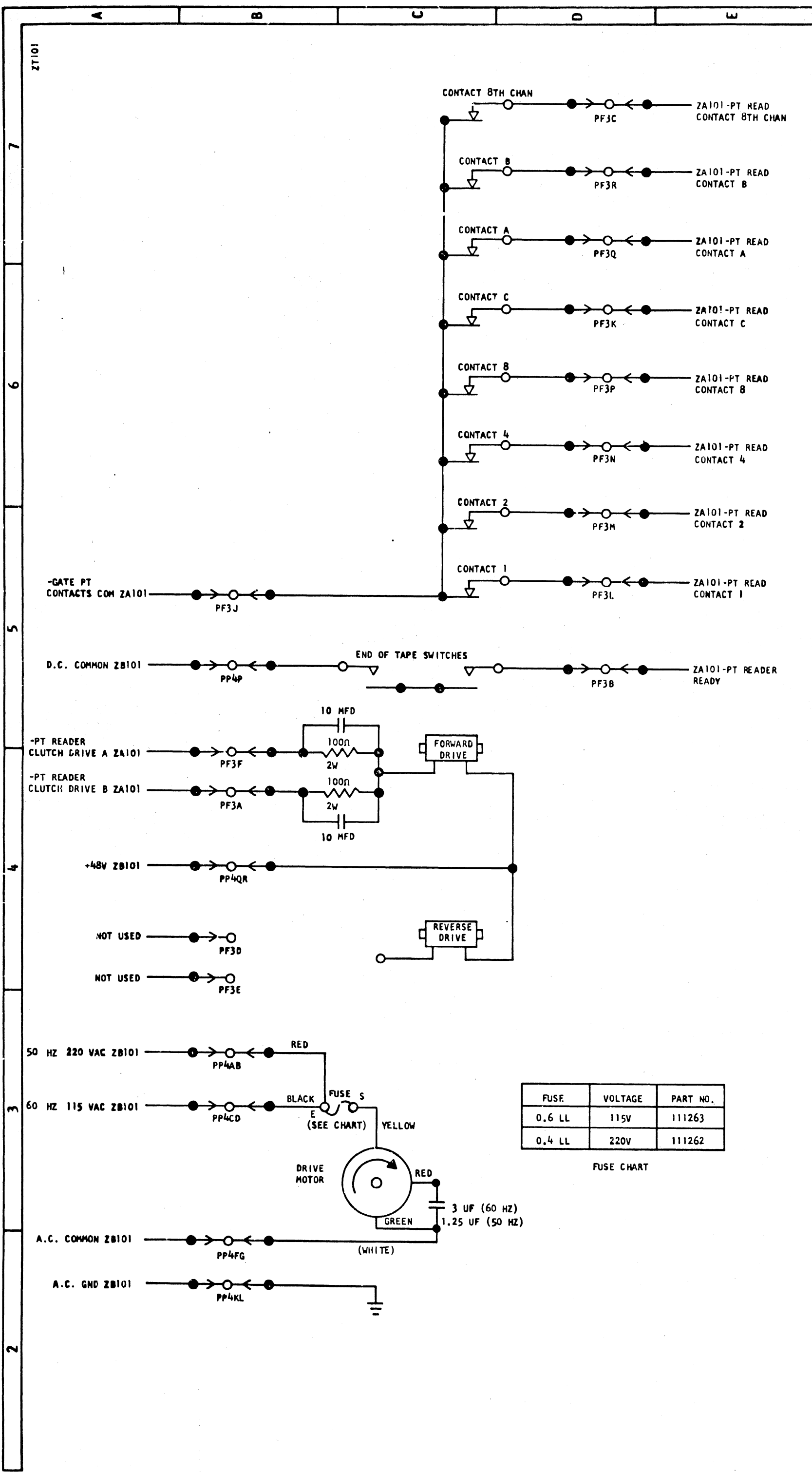
DATE	EC NUMBER	DATE	EC NUMBER	LIGHT PANEL		
MAY-65	41548CD			CONNECTOR LISTING		
AUG-65	415480E			DATE	FEB-65	P/N 2201303
DEC 66	419610B				TYPE	1131
MAY 67	420325			ZL101		



208/230V 60HZ PS6 (PSPL) TB1-27
 115V 60HZ PS6 (PSPL) TB1-6
 50HZ PS6 (PSPL) TB2-4
 YPI31 LAMP TEST
 208/230V 60HZ PS6 (PSPL) TB1-25
 115V 60HZ PS6 (PSPL) TB14
 50HZ PS6 (PSPL) TB2-2
 YPI31 LAMP TEST
 + LAMP TEST
 PLT-6
 ZL111
 + PARITY RUN SW
 B-A1A5D04
 KR111
 - INTERRUPT DELAY
 B-A1A5B13
 KT331
 - NON STORAGE LOAD AND
 CYCLE B-A1A5D05
 KT331
 + LOAD DOT
 PR3B
 ZL111
 + STORAGE LOAD/DISPLAY 1
 B-A1A5B04
 KT321
 + STORAGE LOAD/DISPLAY 2
 B-A1A5B05
 KT321
 +12V
 PKS2-C
 ZK111

* NOTE: ALL RESISTORS
 470 OHM, 1/4
 WATT LOCATION
 DATA FOR
 RESISTORS ON
 PR PANEL SHOWN
 ON LOGIC ZK111

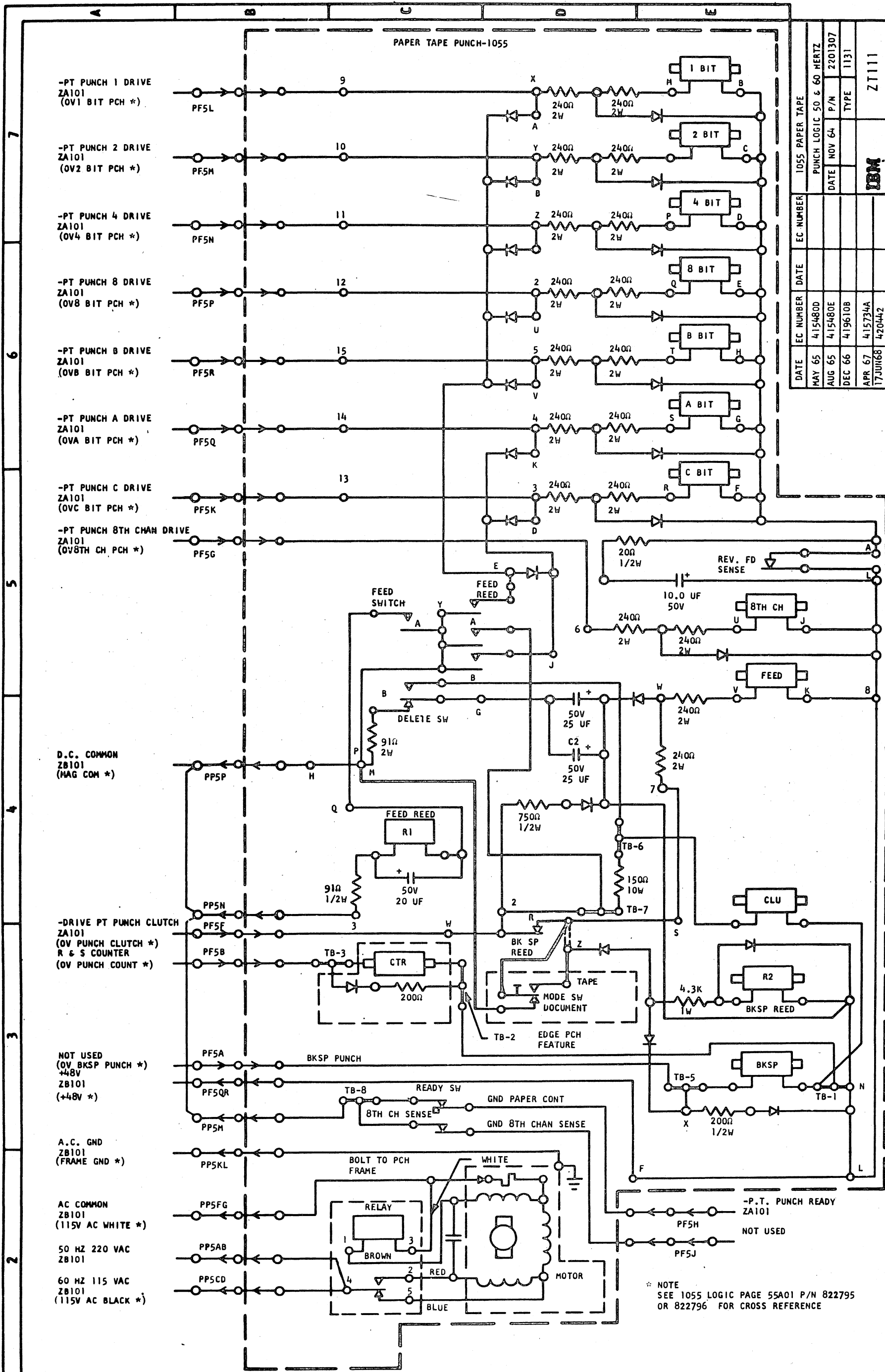
BIT SWITCH & LIGHT LOGIC	
DATE	EC NUMBER
MAY 65	4154800
AUG 65	415480E
OCT 65	415483B
AUG 66	419616
NOV 66	415727A
MAR 67	415727G
FEB 68	420364
DEC 64	
P/N	2201305
TYPE	1131
IBM	
ZS101	



1134 PAPER TAPE READER		Z T 1 0 1	
DATE	EC NUMBER	DATE	EC NUMBER
SEPT 65	415484A	JAN 66	415726
JAN 66	415726	AUG 66	419616
AUG 66	419616	JAN 67	419610B
JAN 67	419610B		
P N		TYPE	
2201306		1131	
ITEM		ZT101	

FUSE	VOLTAGE	PART NO.
0.6 LL	115V	111263
0.4 LL	220V	111262

FUSE CHART



1055 PAPER TAPE	
PUNCH LOGIC 50 & 60 HERTZ	
DATE	P/N
MAY 65	2201307
AUG 65	
DEC 66	
APR 67	
17JUN68	

EC NUMBER	DATE	DATE	DATE
	415480D	415480E	419610B
			415734A
			420442

TYPE	TYPE
1131	Z1111

* NOTE
SEE 1055 LOGIC PAGE 55A01 P/N 822795
OR 822796 FOR CROSS REFERENCE

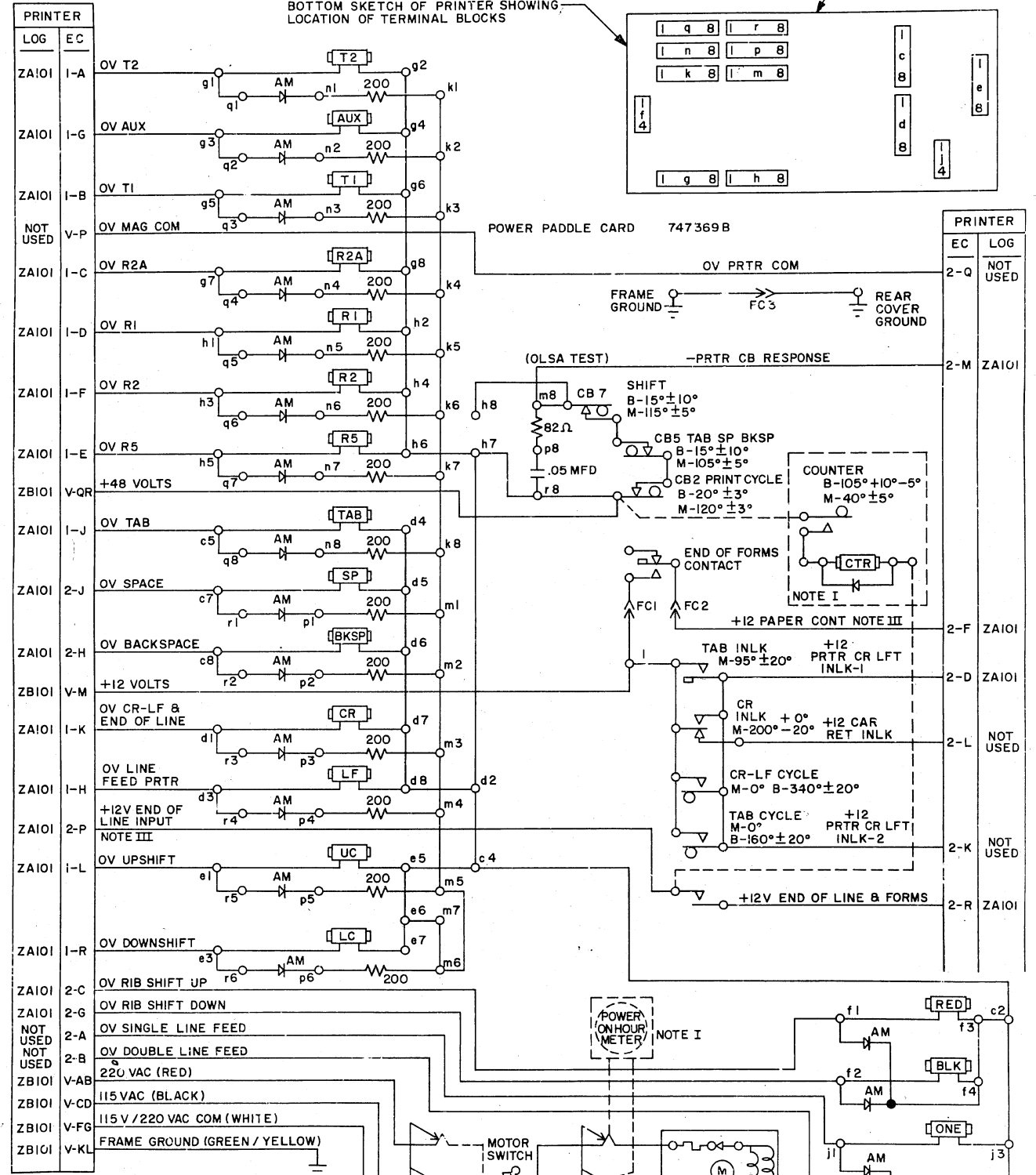
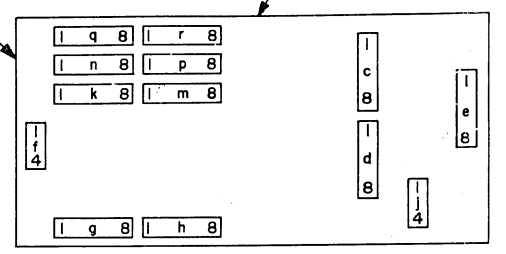
1166774
PART NO.
SH OF

SYM	DATE	CHANGE NO	SYM	DATE	CHANGE NO	SYM	DATE	CHANGE NO	1131	ZW101
	14 JUN 66	506446							MACH TYPE	LOGIC NO.

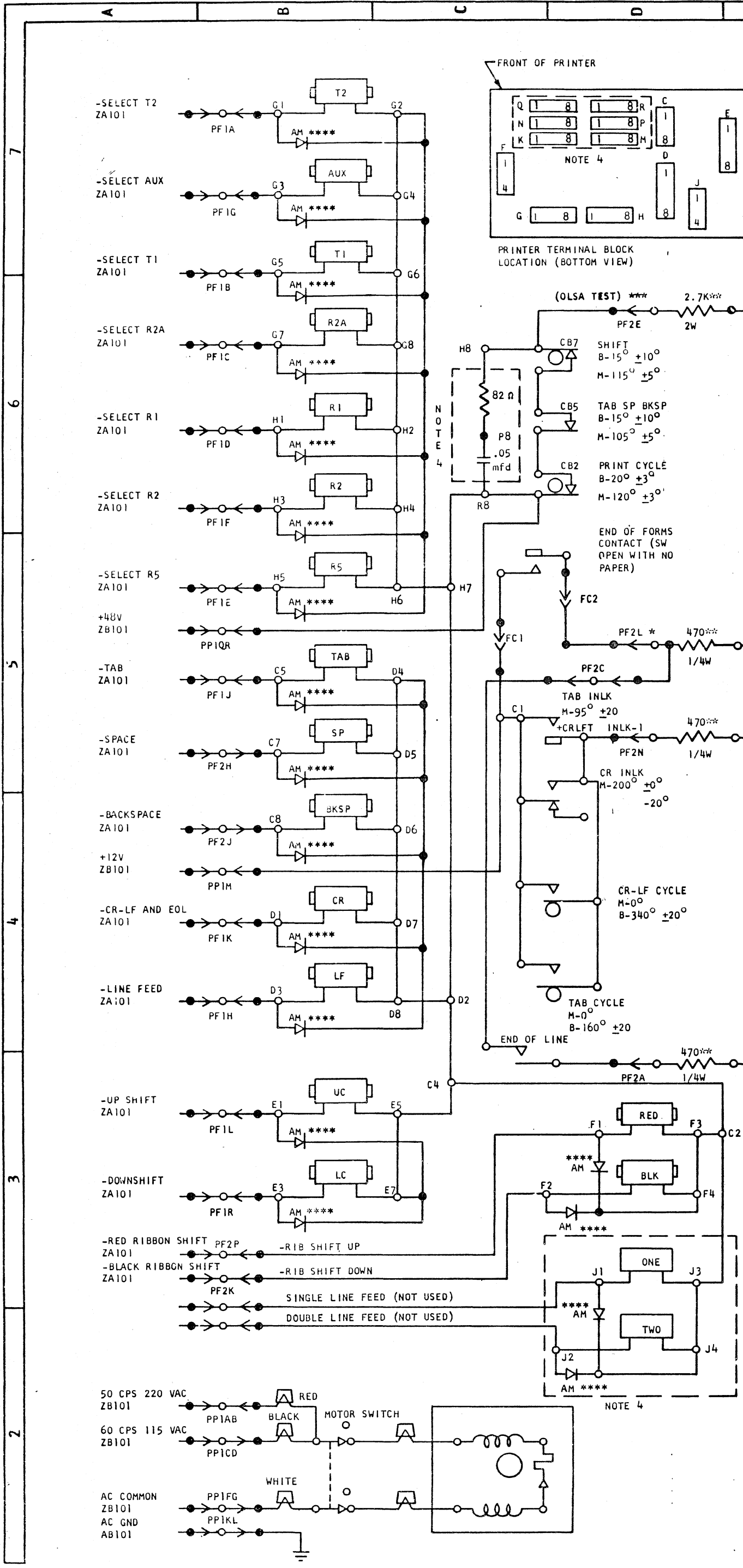
1131 PRINTER

FRONT

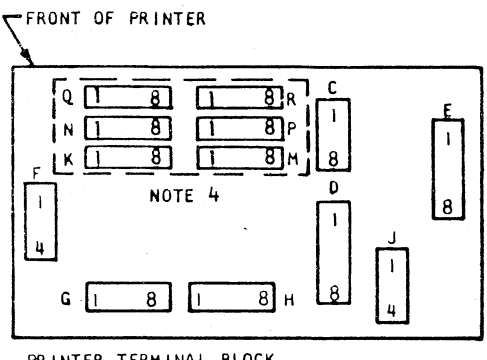
BOTTOM SKETCH OF PRINTER SHOWING LOCATION OF TERMINAL BLOCKS



- NOTES
- I COUNTER USED ONLY AT R & S REQUEST
 - II 1-DENOTES PADDLE CARD 491349 CONNECTOR
2-DENOTES HOODED CONNECTOR
V-DENOTES PADDLE CARD 747369 CONNECTOR
 - III WITH PAPER IN PRINTER, PLUS 12 VOLTS IS PRESENT AS 2P & 2F ARE JUMPED IN SYSTEM



- NOTES:
- * PINS C & L CONNECTED TOGETHER ON SMS PADDLE CARD ON CABLE TO SLT GATE.
 - ** RESISTORS MOUNTED ON SMS PADDLE CARD ON CABLE TO SLT GATE.
 - *** DOUBLE-ENDED PADDLE CONNECTOR P/N 747579 IS REQUIRED FOR CONNECTING PF2 TO OLSA. THE PADDLE CONNECTOR REVERSES THE PIN LOGIC; I.E. PF2A CONNECTS TO PIN B-R IN OLSA, PF2B TO B-Q, ETC. PF1 CONNECTS INTO OLSA (A), PF1 CONNECTS INTO OLSA (P) TO USE OLSA THE FOLLOWING MODIFICATIONS MUST BE MADE: REMOVE THE WIRE FR TERM H7 TO R8 AT H7. INTERCHANGE WITH H8. RETURN TO NORMAL FOR 1130 OPERATION.
 - BROKEN LINES ENCLOSE CIRCUITRY PRESENT ON EARLY MACHINES ONLY.
 - **** DIODES MAY BE AM OR AL.



DATE	EC NUMBER	DATE	EC NUMBER	1131 CONSOLE PRINTER
MAY 65	4154800	DEC 66	419624	50 & 60 CYCLE IBM ZWI01
AUG 65	415490E	AUG 67	420325A	
OCT 65	415483B	11DEC68	571003	
NOV 65	415494A			
JAN 66	415499			