+ 2314 DRIVE A SELECTED — HA042AA4
+L DRIVE A R/W COAX — 035
= DBL FREQ WRITE DATA — NS021AP4
+ WRITE GATE 2 — NS011AX4
+ 2314 DRIVE B SELECTED — HA042AC4
+L DRIVE B R/W COAX — 036
+ 2314 DRIVE C SELECTED — HA042AE4
+L DRIVE C R/W COAX — 037
+ 2314 DRIVE D SELECTED — HA042AG4
+L DRIV D R/W COAX — 038
+ 2314 DRIVE E SELECTED — HA042AJ4
+L DRIVE E R/W COAX — 039

AA ENTR* DRV A WF011
AB A D KB10 A-C2L5 — D13 D12 D11
AC ENTR* DRV B WF011
AD A D KB13 A-C2L5 — D09 D10 B12
AE ENTR* DRV C WF011
AF A D KB07 A-C2L5 — D07 B08 B09
AG ENTR* DRV D WF011
AH A D KD06 A-C2L5 — B03 B04 B05
AJ ENTR* DRV E WF011
AK A D KB02 A-C2L5 — D05 D04 D02

8A A B A-C2R5 — B10 B09
8B EXIT* DRV A WF011
8C A B A-C2R5 — B05 B02
8D EXIT* DRV B WF011
8E A B A-C2R5 — D11 D10
8F EXIT* DRV C WF011
8G A B A-C2R5 — D04 D02
8H EXIT* DRV D WF011
8J A B A-C2R5 — D09 B08
8K EXIT* DRV E WF011

+ DRIVE A WRITE DATA — BB4
+ DRIVE B WRITE DATA — BD4
+ DRIVE C WRITE DATA — BF4
+ DRIVE D WRITE DATA — BH4
+ DRIVE E WRITE DATA — BK4

CA OR A-C2R5 — LAD07+ — NS002 = DRIVES A THRU E READ DATA — CA4

LOC. TYPE
A-C2L5 0135
A-C2R5 0499

AA4 A-C2N5D02
AC4 A-C2N5D04
AE4 A-C2N5D05
AG4 A-C2N5D07
AJ4 A-C2N5D09
CA4 RESISTOR A-C2R5D06

READ WRITE DATA
DRIVES A THRU E
E.C. HISTORY — MACH. 2314-FCU
416120
416123
FRAME 01
IBM CORP. SDD
DATE LAST EC
01-17-67 420637
P.N. 2209456

NS001 000

+ 2314 DRIVE F SELECTED — HA042AL4
+L DRIVE F R/W COAX — 001
- DBL FREQ WRITE DATA — NS021AP4
+ WRITE GATE 2 — NS011AX4
+ 2314 DRIVE G SELECTED — HA042AN4
+L DRIVE G R/W COAX — 002
+ 2314 DRIVE H SELECTED — HA042AQ4
+L DRIVE H R/W COAX — 003
+ 2314 DRIVE J SELECTED — HA042BB4
+L DRIVE J R/W COAX — 004
- DRIVES A THRU E READ DATA — NS001CA4
+ READ GATE — NS141AC4
+ WRITE TRIG PHASE X — NS011AK4

AA ENTR* DRV F WF011
AB A D KB10 A-C2L4
BA A B A-C2R4
BB EXIT* DRV F WF011
+ DRIVE F WRITE DATA — BB4

AC ENTR* DRV G WF011
AD A D KB13 A-C2L4
BC A B A-C2R4
BD EXIT* DRV G WF011
+ DRIVE G WRITE DATA — BD4

AE ENTR* DRV H WF011
AF A D KB07 A-C2L4
BE A B A-C2R4
BF EXIT* DRV H WF011
+ DRIVE H WRITE DATA — BF4

AG ENTR* DRV J WF011
AH A D KD06 A-C2L4
BG A B A-C2R4
BH EXIT* DRV J WF011
+ DRIVE J WRITE DATA — BH4

AJ SERV* GND A-C2R4 — D08 — B08
BJ AR B A-C2R4

CA OR A-C2R4 — LA D07*
DA OR B05 B04 B03 D L A-C2H4 — D06 — NS071
+ RAW DATA NS081 — DR4

DB A D LA D06 A-C2H6 — B03 B05
DC NOTE JMPR* CE TEST

NOTE•JUMPER ADDED FOR VFO ADJUSTMENT ONLY

AA4	A-C2N3D09
AC4	A-C2N3D10
AE4	A-C2N3D12
AG4	A-C2N3D13
CA4	RESISTOR A-C2R4D06

LOC•	TYPE
A-C2H4	0135
A-C2H6	0135
A-C2L4	0135
A-C2R4	0499

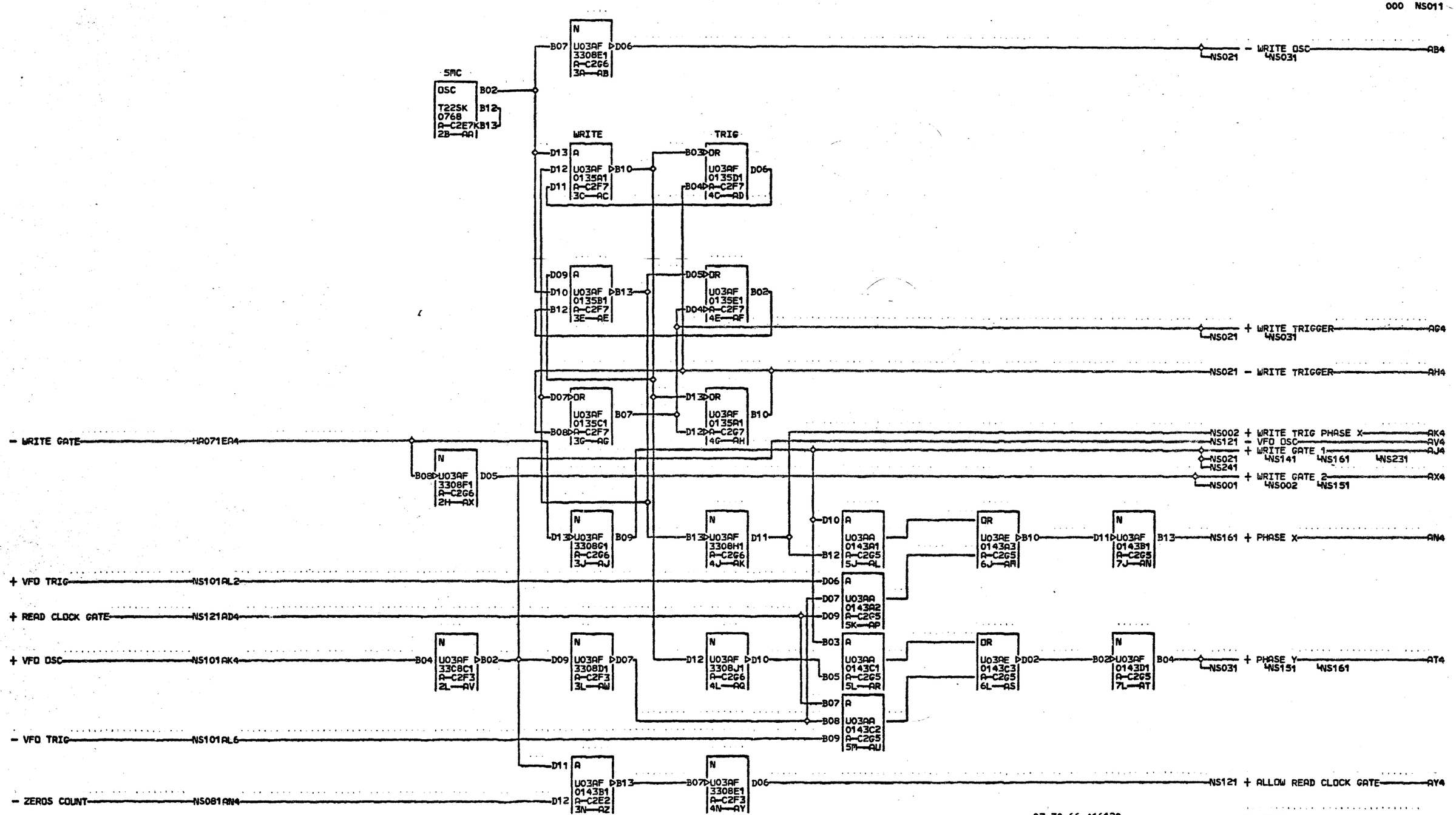
READ WRITE DATA
DRIVES F THRU J

E•C• HISTORY
416120
416123

DATE 01-17-67 LAST EC 420637

MACH•2314-FCU
FRAME 01
IBM CORP• SDD
P•N• 2209510

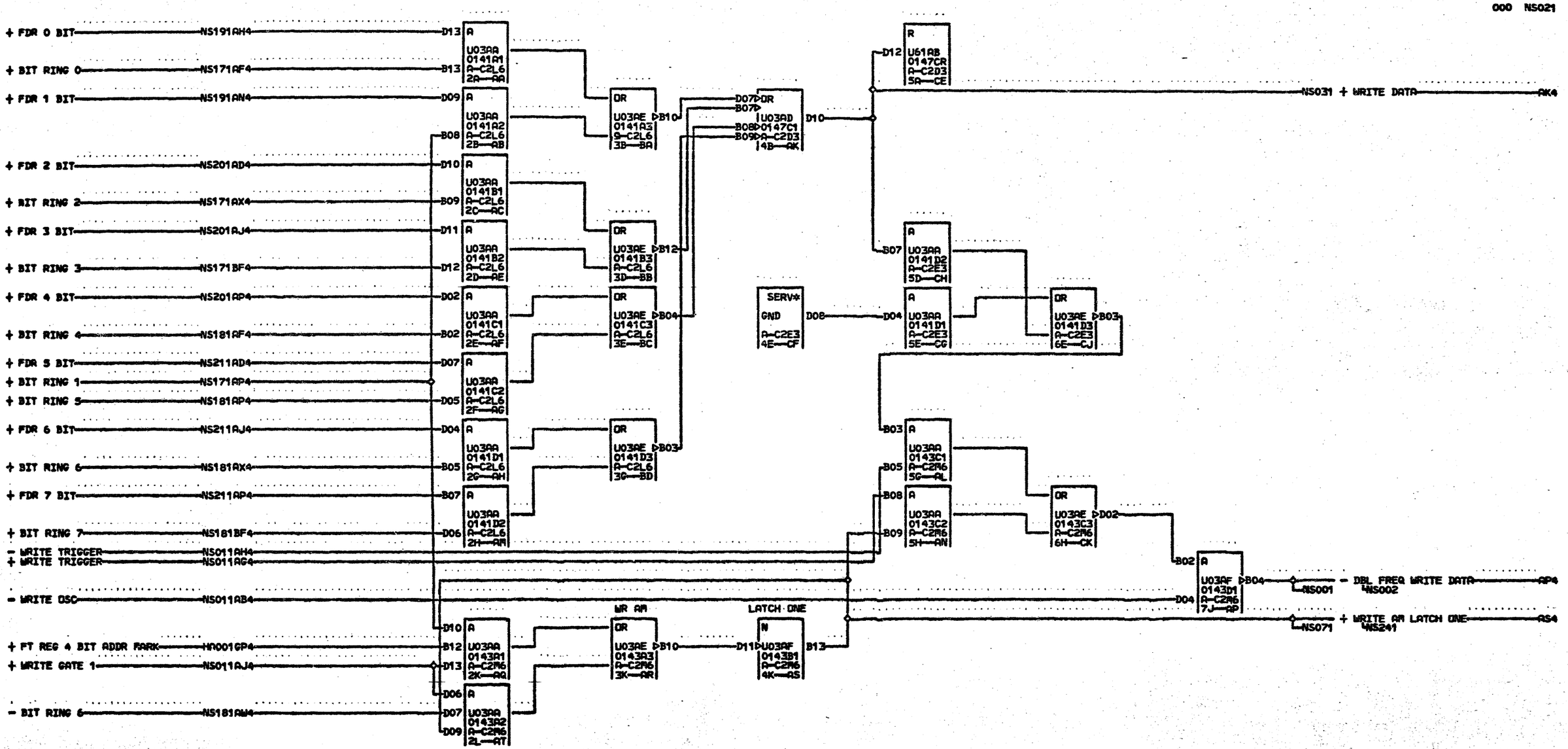
NS 002 000



03-30-66 416120
10-14-68 420949

WRITE CLOCK AND CONTROLS			
DATE	10-31-68 MACH. 2314-FCU		
LOG	2906 FRAME	01	
	P.N. 2209457		
IBM CORP.	SDD BLK.	DC	

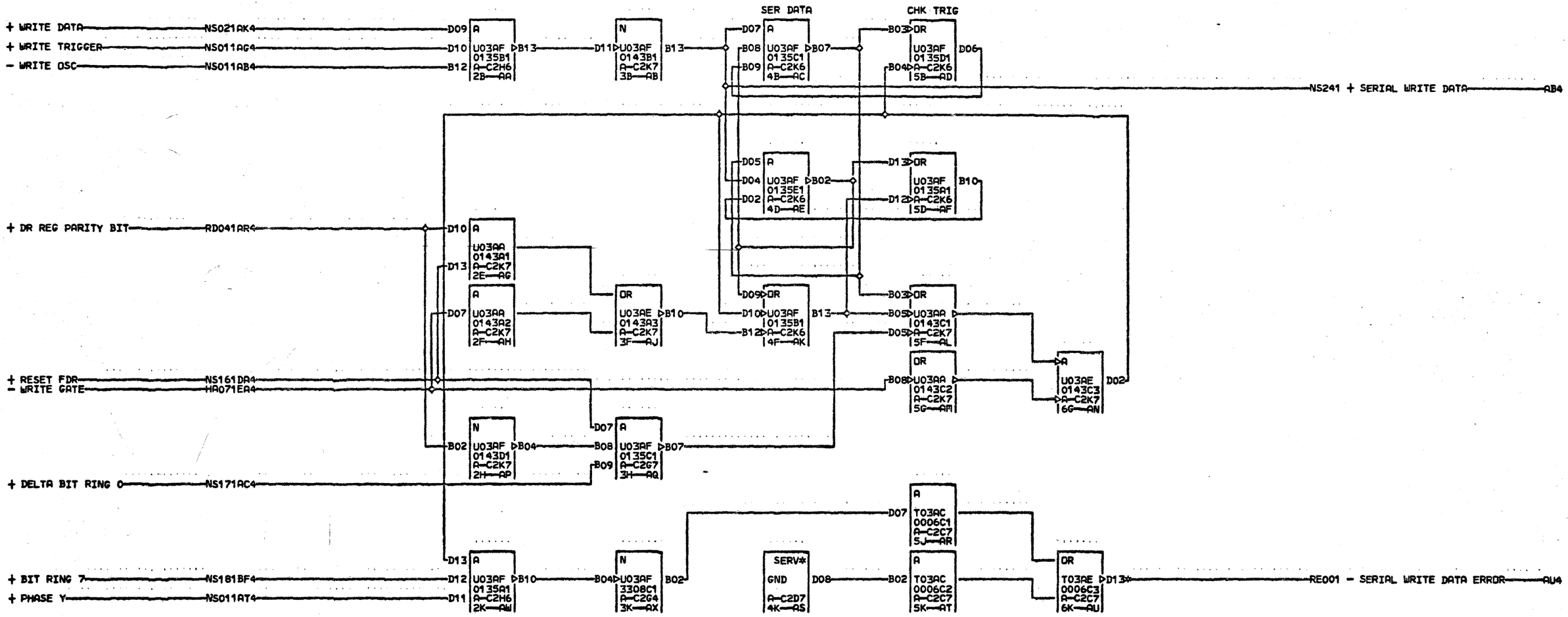
NS011 000



03-30-66 416120
01-17-67 420637
10-14-68 420949

DBL FREQ WRITE DATA			
DATE	10-31-68	MACH. 2314-FCU	
LOG	288P	FRAME	01
		P.No. 2209458	
IBM CORP.	SDD BLK.		CL

NS021 000

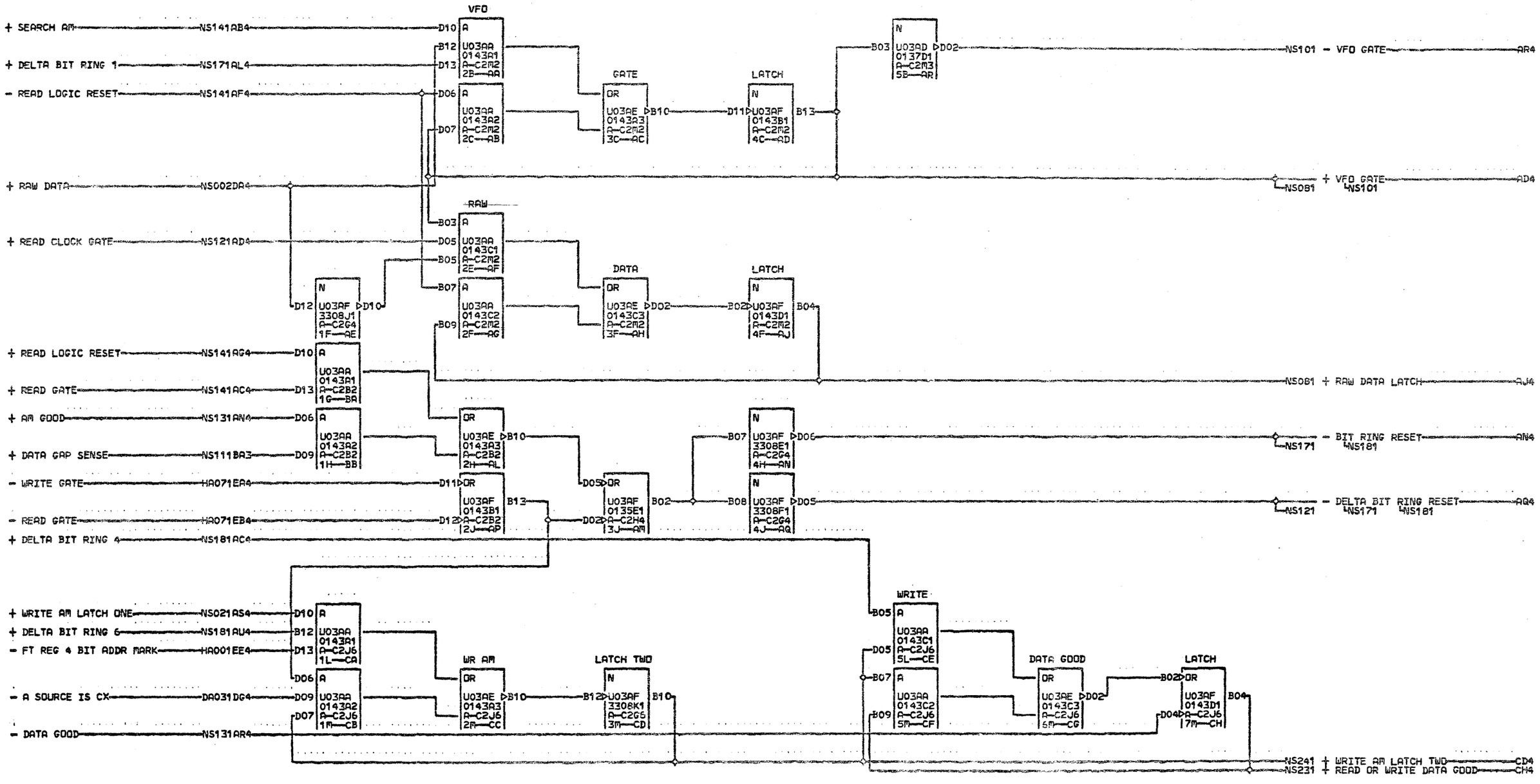


AU4 A-C2A6D02
01A-B3A6D02
01A-B3A7D02
01A-B1N6D02

03-30-66 416120
10-14-68 420949

SERIAL DATA ERROR DET			
DATE	10-31-68	MACH.	2314-FCU
LOG	290G	FRAME	01
		P.N.	2209461
IBM CORP.	SDD	BLK.	BM

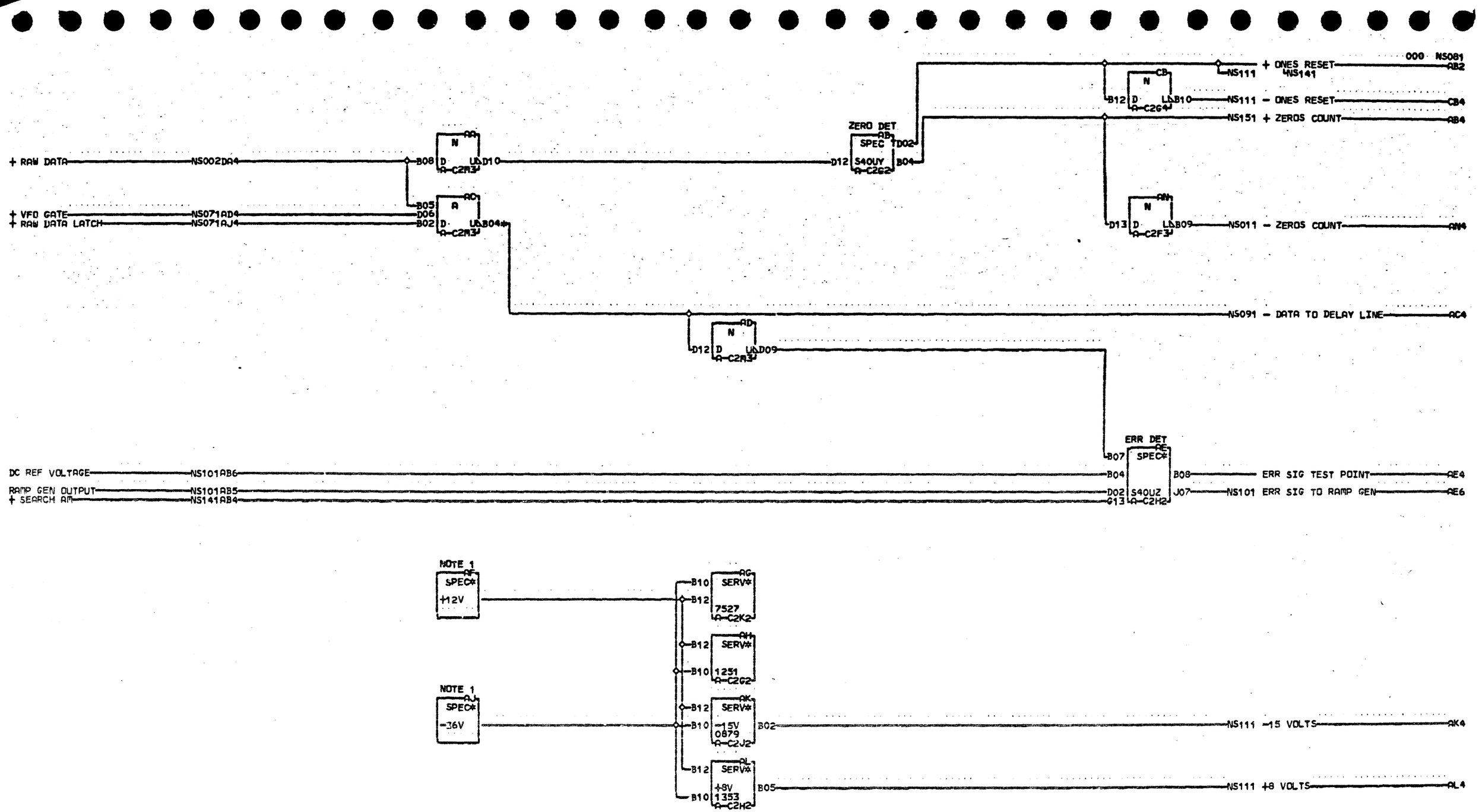
NS031 000



03-30-66 416120
09-06-66 416126
03-27-67 420901
08-14-67 420912
10-14-68 420949

VFO GATE AND RD-WR DATA GOOD			
DATE	10-31-68	MACH. 2314-FCU	
LOG	288P	FRAME	01
		P.N.	2209465
IBM CORP.	SDD	BLK.	CJ

NS071 000



NOTE1. THESE VOLTAGES
FROM LAMINAR BUS.
+12V BUS 4 ROW2 C2
-36V BUS 2 ROW2 C2

AC4 RESISTOR
A-C2M3B12

LOC.	TYPE
A-C2F3	3308
A-C2G2	1251
A-C2G4	3308
A-C2H2	1353
A-C2M3	0137

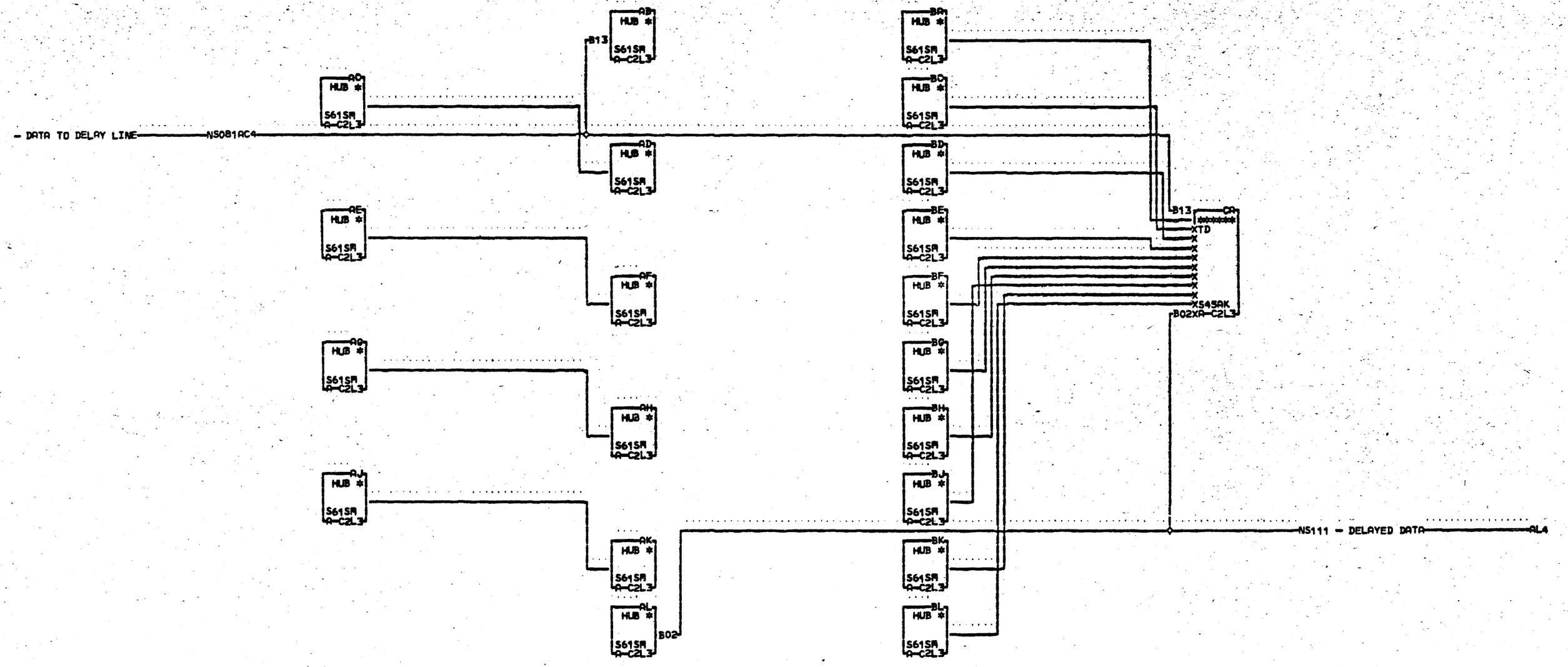
ZEROS DETECT AND ERROR DETECT

E.C. HISTORY
416120
416125

MACH.2314-FCU
FRAME 01
IBM CORP. SDD
P.N. 2209466

DATE LAST EC
03-27-67 420901

NS081 000



DELAY LINE IS TO BE JUMPERED FOR THE REQUIRED DELAY TO SEPERATE DATA. SEE VFO ADJUSTMENT PROCEDURE.

N S 0 9 1 000

LOC. TYPE
A-C2L3 3500

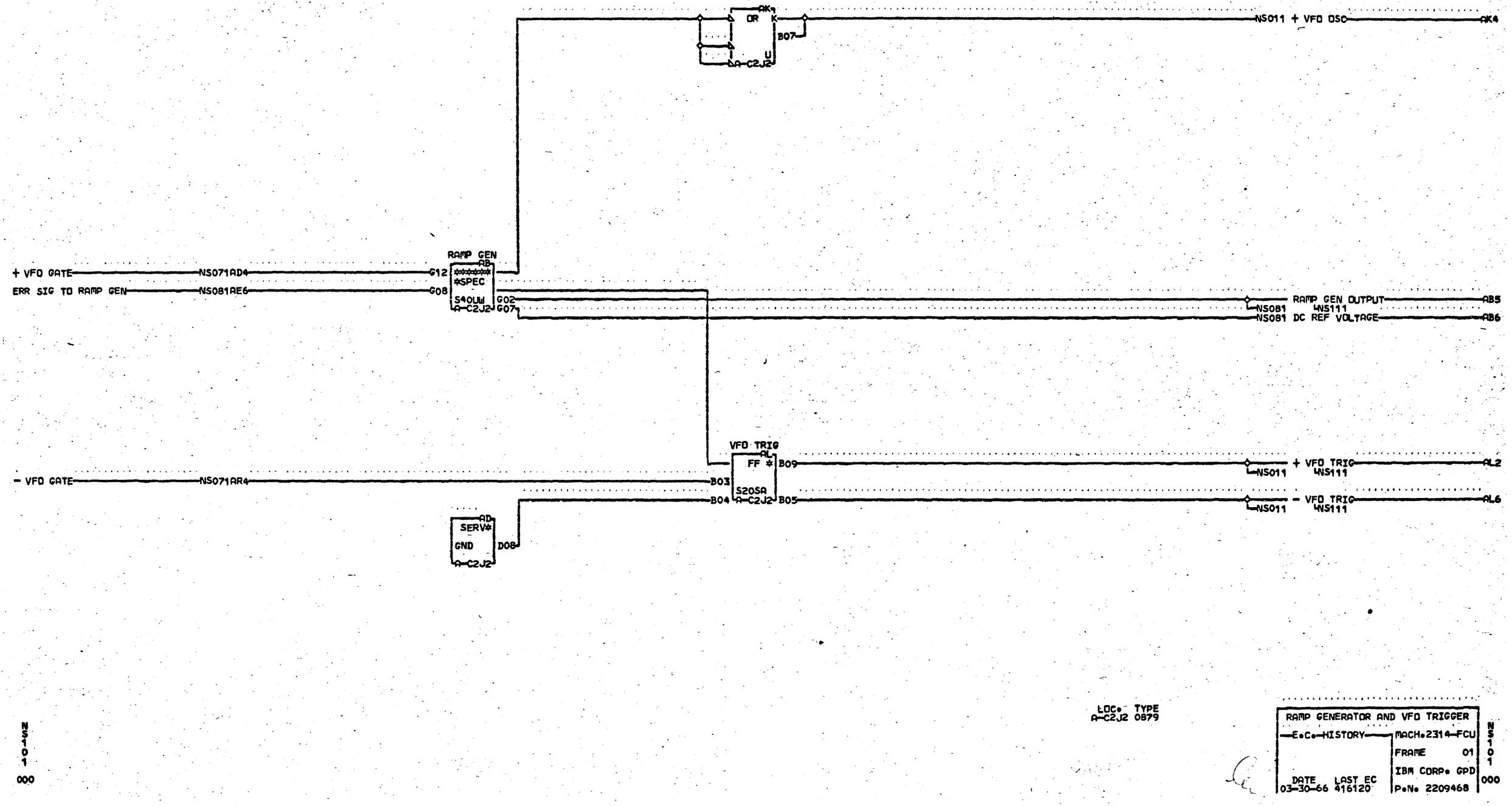
DATA DELAY LINE

E.C.-HISTORY

DATE LAST EC
03-30-66 416120

MACH.2314-FCU
FRAME 01
IBM CORP. GPD
P.N. 2209467

N S 0 9 1 000



LOC. TYPE
A-C2J2 0879

RAMP GENERATOR AND VFD TRIGGER

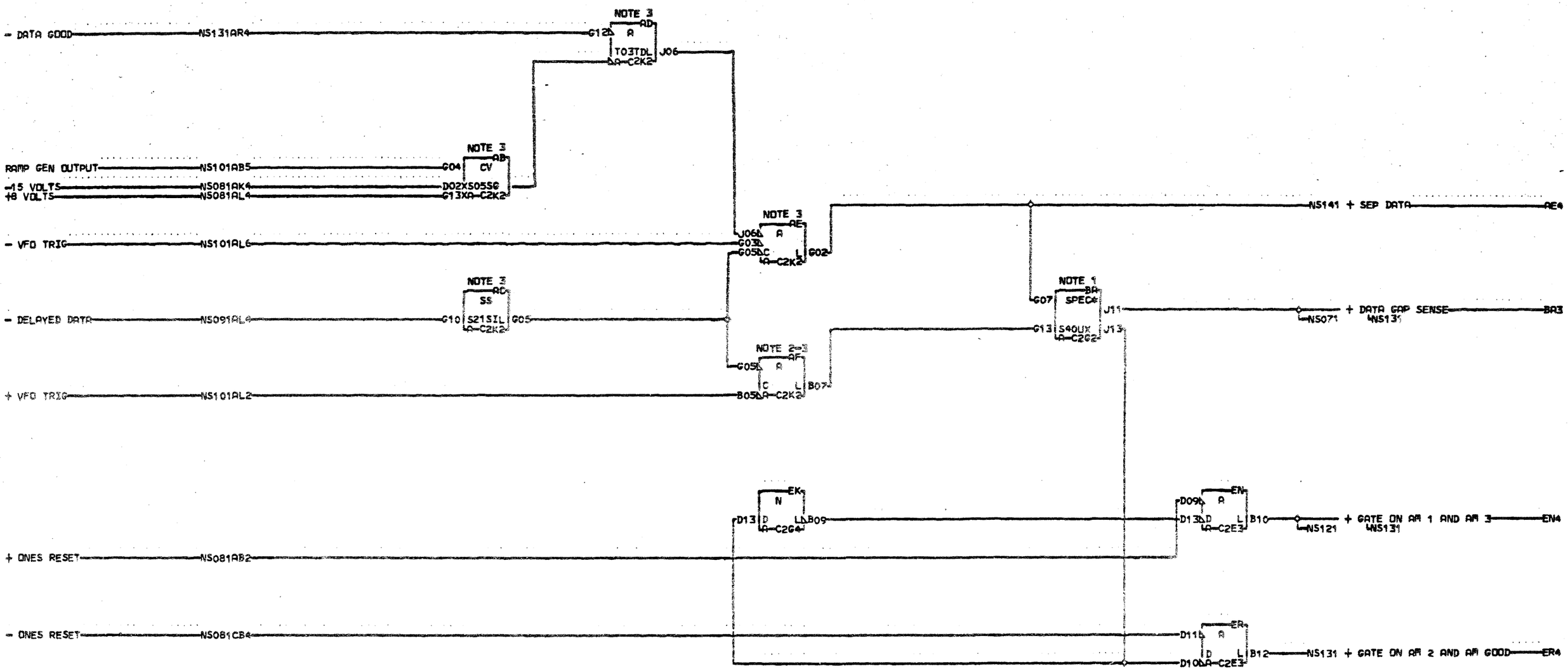
E.C. HISTORY

DATE LAST EC
03-30-66 416120

MACH. 2314-FCU
FRAME 01
IBM CORP. GPD
P.N. 2209468

NS101 000

NS101 000



NOTE 1.THE SIGNAL ON G2J13
IS + CLOCK GAP SENSE
N NOTE 2.THE SIGNAL ON K2B07
S IS + SEPERATED CLOCK
1 PULSES
1 NOTE 3. P/N 5807527 OR 5800875
1 MAY BE USED IN THIS
LOCATION
000

LOC.	TYPE
A-C2E3	0141
A-C2G2	1251
A-C2G4	3308
A-C2K2	7527

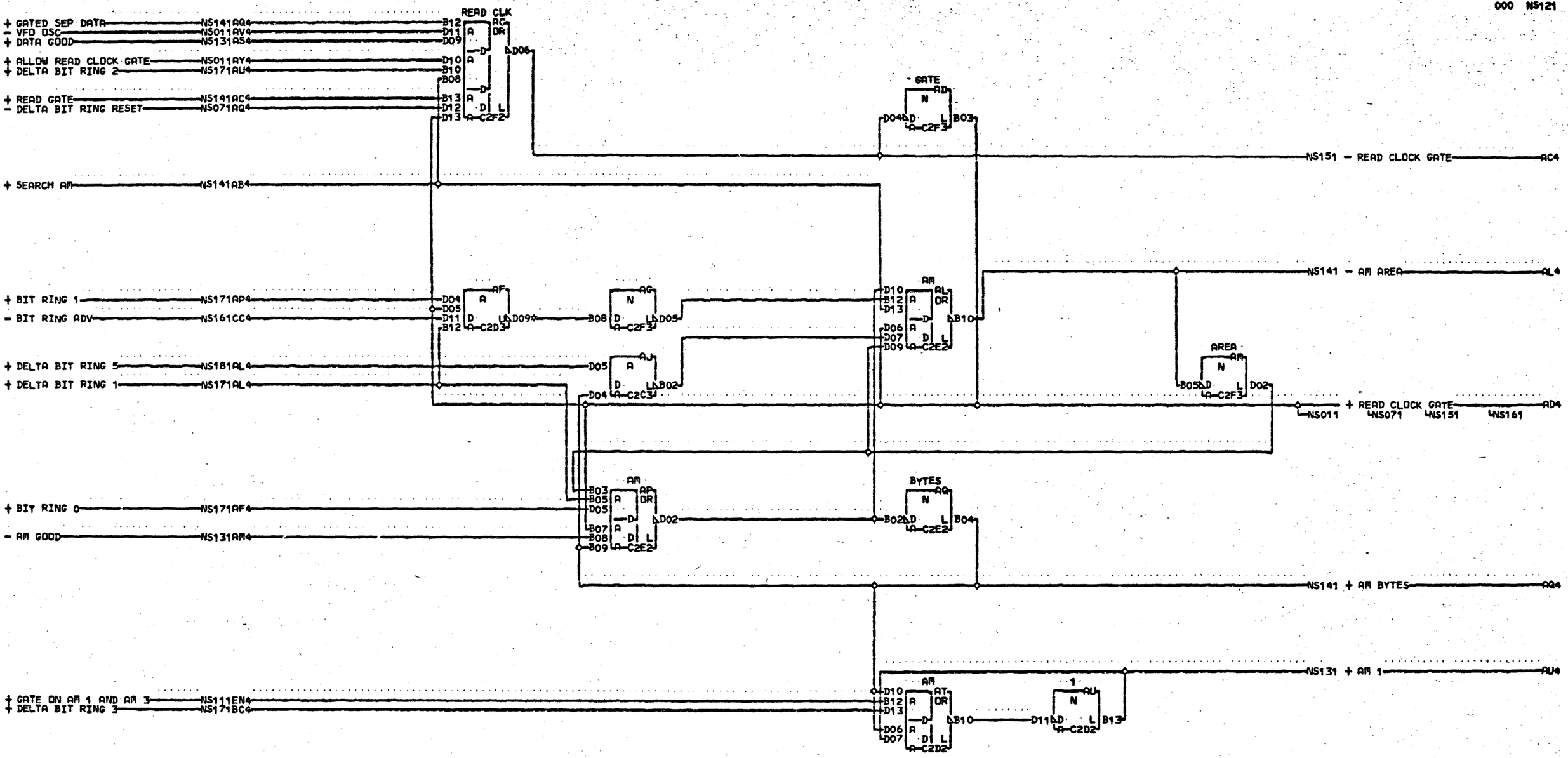
DATA SEPARATION AND GAP SENSE

E.C. HISTORY
416120

DATE LAST EC
03-27-67 420901

MACH.2314-FCU
FRAME 01
IBM CORP. GPD
P.No. 2209469

N S 1 1 1 1 000



AF4 RESISTOR
A-C2D3D13

LOC.	TYPE
A-C2C3	0135
A-C2D2	0143
A-C2D3	0147
A-C2E2	0143
A-C2F2	0145
A-C2F3	3308

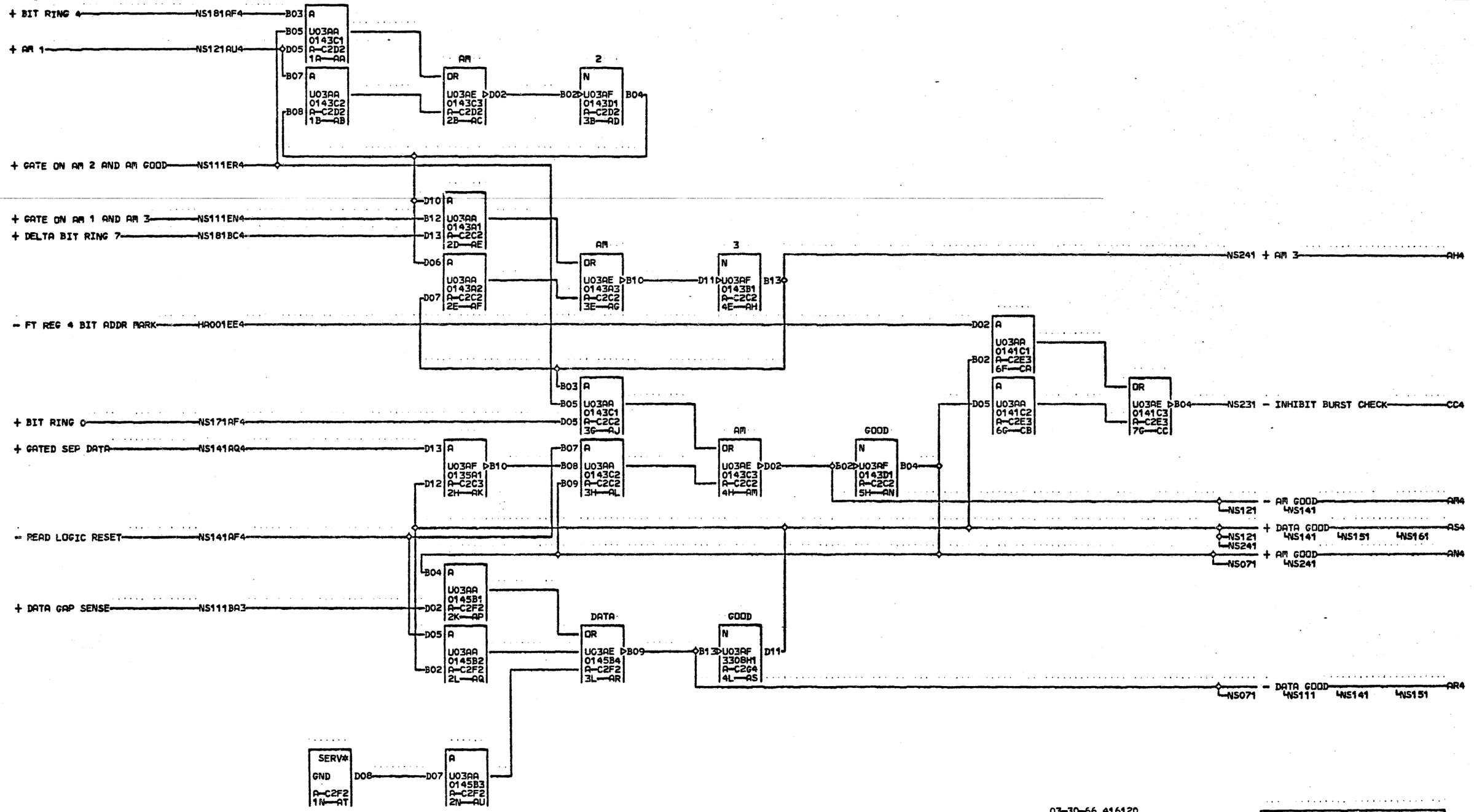
AM DETECTION PAGE 1

E.C. HISTORY
416120
420901

DATE 08-14-67
LAST EC 420912

MACH.2314-FCU
FRAME 01
IBM CORP. SDD
P.N. 2209470

NS121
000

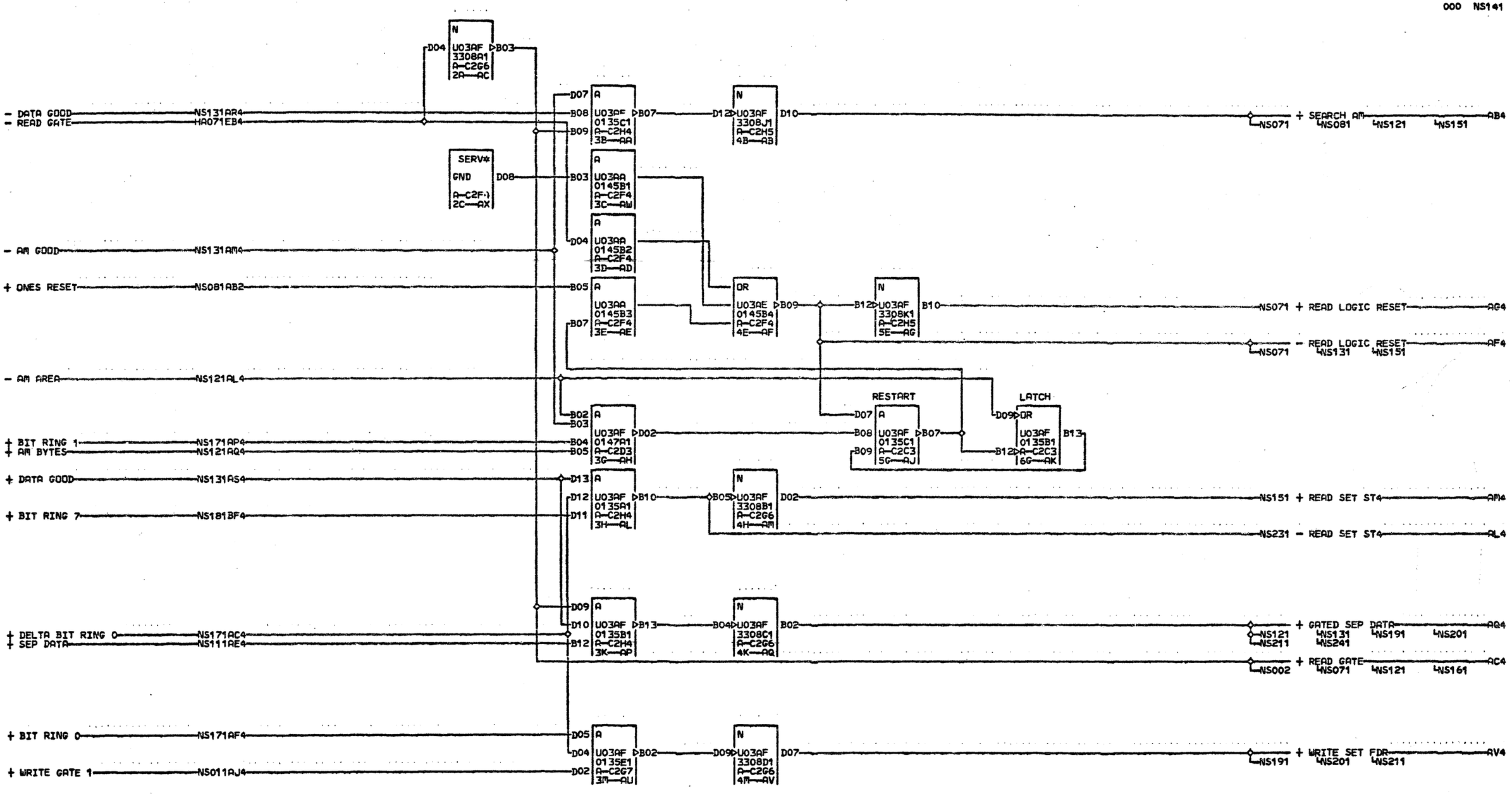


03-30-66 416120
04-29-66 416122
03-27-67 420901
10-14-68 420949

AM DETECTION PAGE 2			
DATE	10-31-68	MACH. 2314-FCU	
LOG	288P	FRAME	01
		P.N. 2209471	
IBM CORP.	SDD BLK.		CD

NS131 000

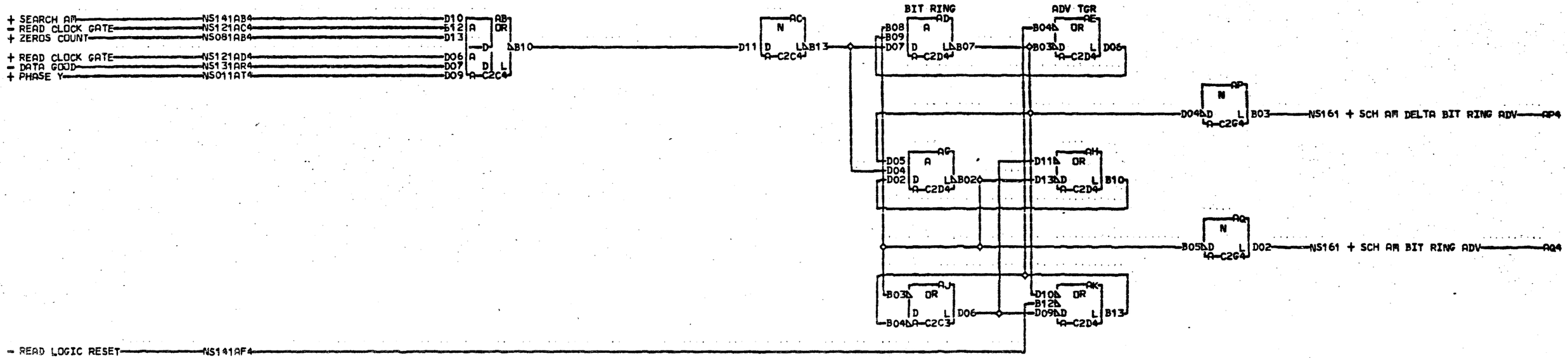
NS131 000

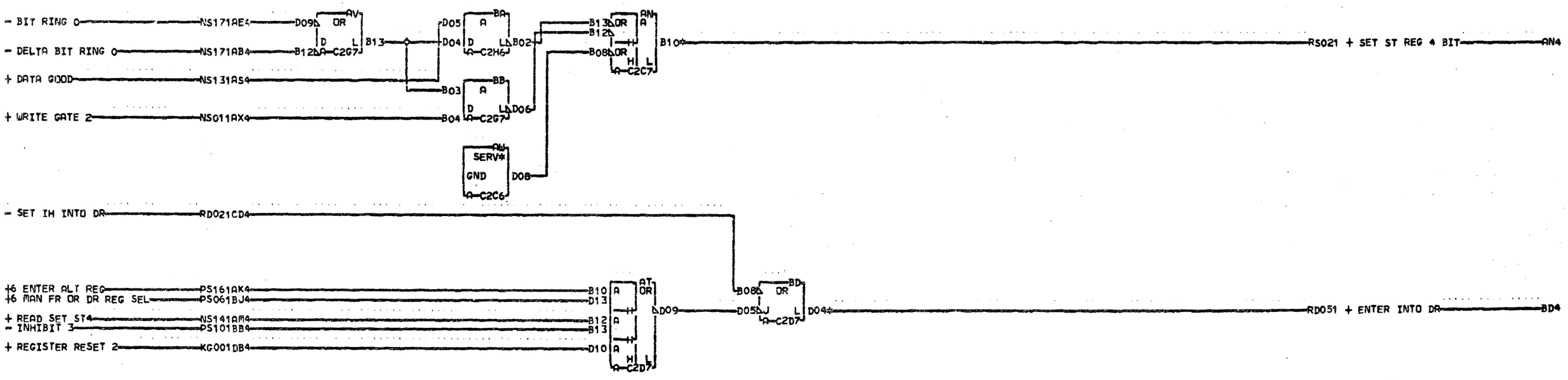


03-30-66 416120
10-07-66 416130
12-22-66 420637
03-27-67 420901
10-14-68 420949

READ LOGIC-SEARCH AM
SET FDR-SET DR
DATE 10-31-68 MACH. 2314-FCU
LOG 2906 FRAME 01
P.N. 2209472
IBM CORP. SDD BLK. FZ

NS141 000





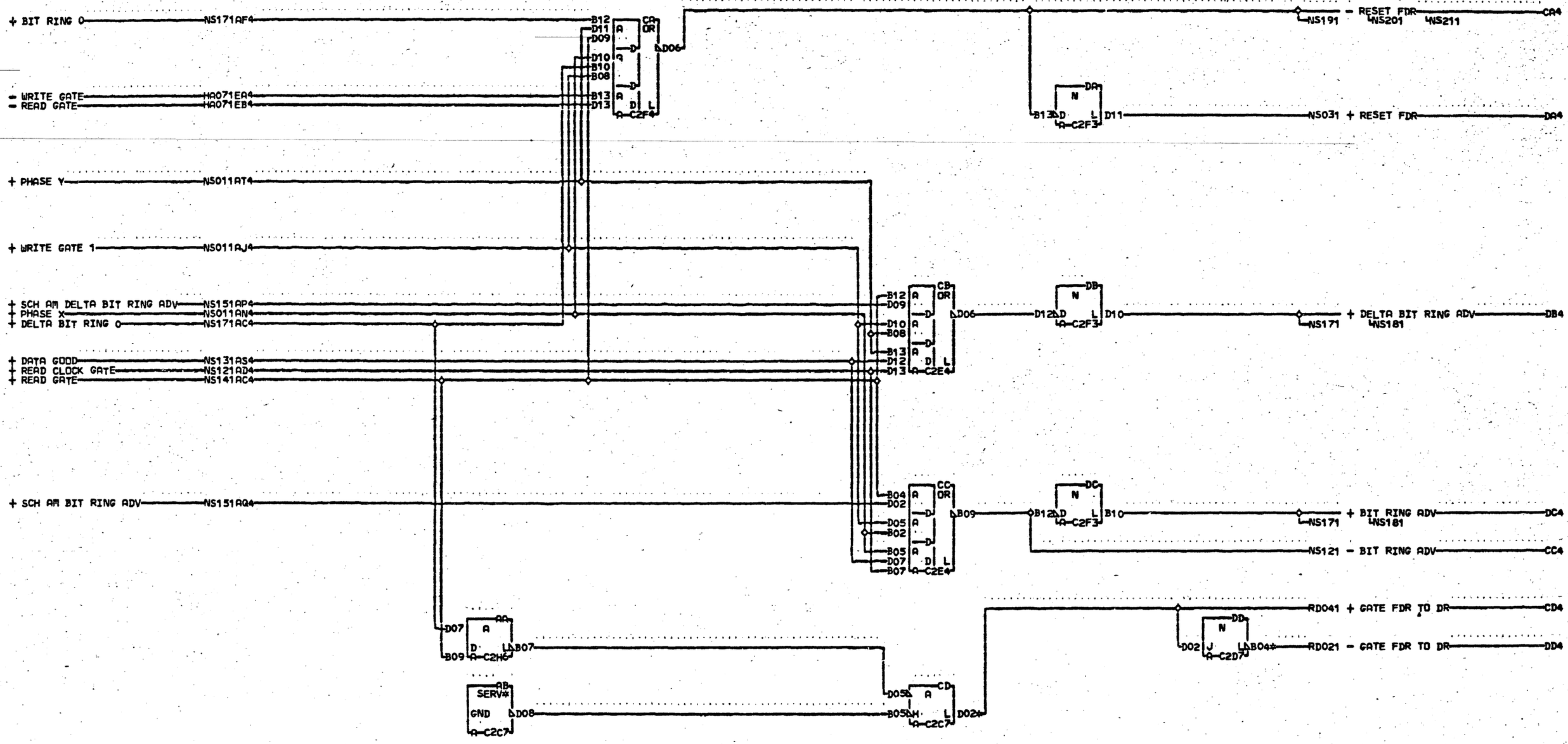
N S 1 5 1 000

AN4 A-C2A6B02
01A-B3A6B02
01A-B3A7B02
01A-B1N6B02
BD4 A-C2A6B07
01A-B3A6B07

LOC.	TYPE
A-C2C3	0135
A-C2C4	0143
A-C2C7	0006
A-C2D4	0135
A-C2D7	0212
A-C2G4	3308
A-C2G7	0135
A-C2H6	0135

BIT RING ADV TRIG
STH AND DR REG SETS
E.C. HISTORY
MACH. 2314-FCU
FRAME 01
IBM CORP. SDD
DATE LAST EC
03-30-66 416120
P.N. 2209473

N S 1 5 1 000



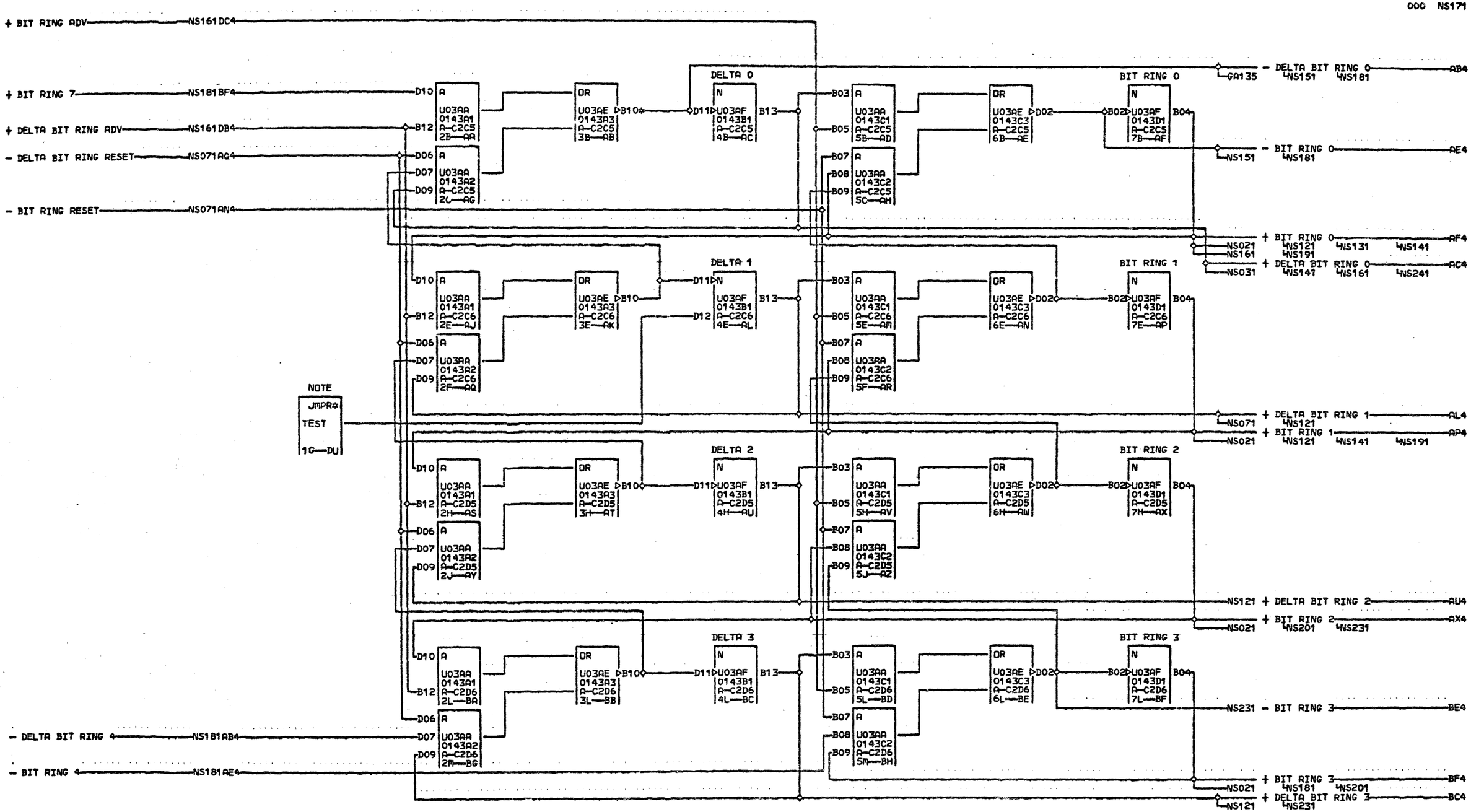
N S 1 6 1 000

CD4 A-C2A7D12
01A-B3A2D12
DD4 A-C2A6B08
01A-B3A6B08

LOC.	TYPE
A-C2C7	0006
A-C2D7	0212
A-C2E4	0145
A-C2F3	3308
A-C2F4	0145
A-C2H6	0135

RESET FDR-RING ADV

E.C.-HISTORY	MACH.2314-FCU	N S 1 6 1
416120	FRAME 01	
	IBM CORP. SDD	
DATE LAST EC 06-16-67 420908	P.N. 2209474	000



NOTE. C6D12 IS JUMPERED TO GND ONLY WHEN ADJUSTING THE VFO.

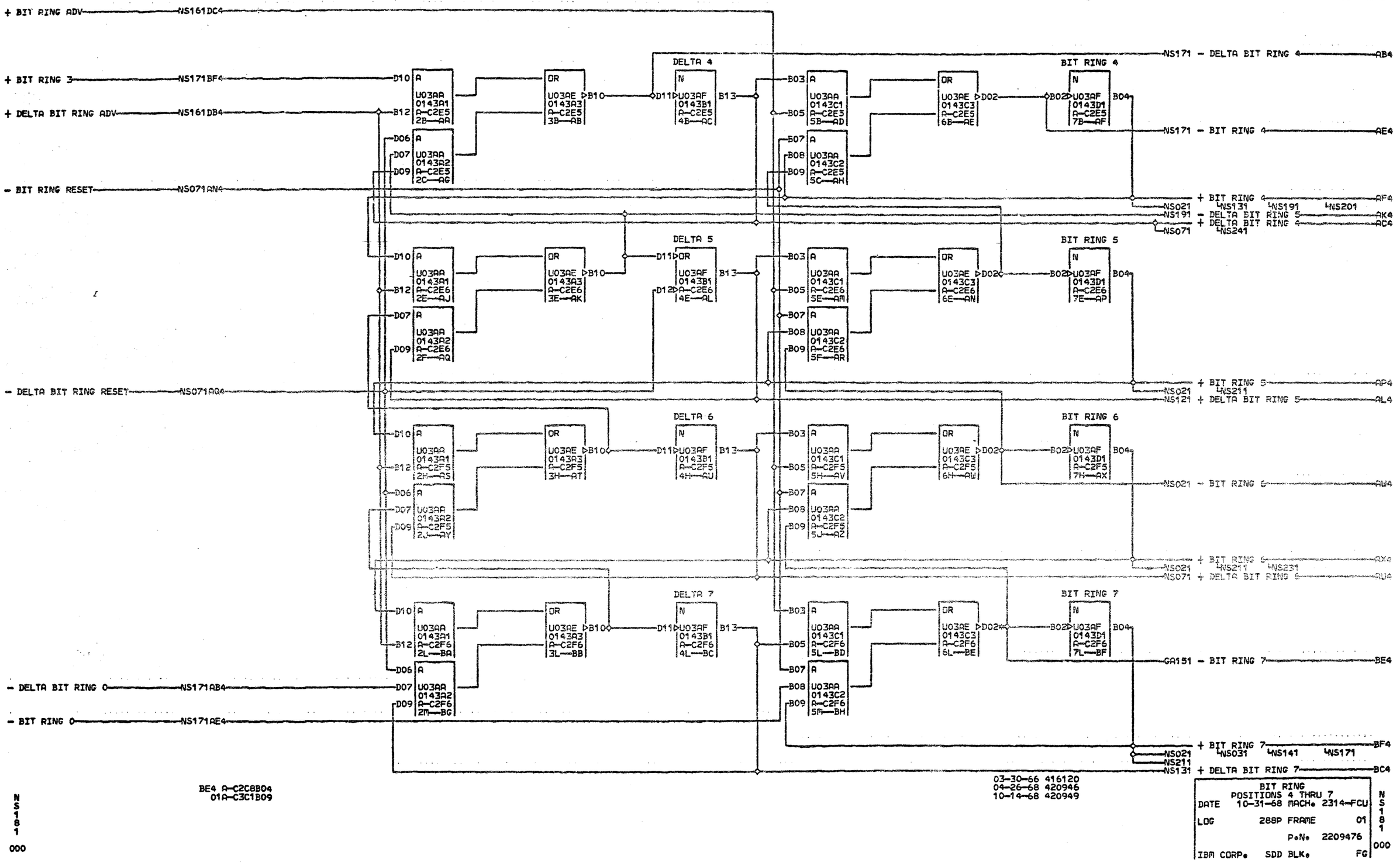
AB4 A-C2C8A06
01A-C3C1A11

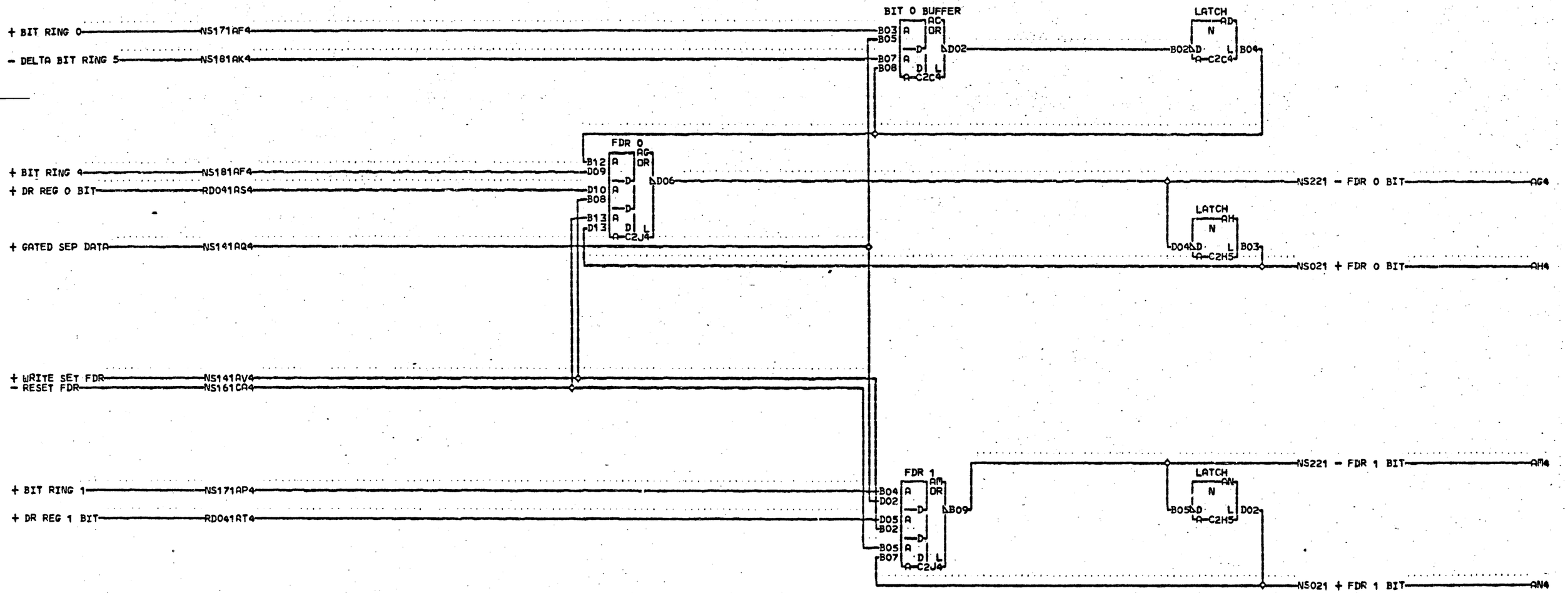
N S1171

000

03-30-66 416120
07-05-66 416125
10-07-66 416130
10-24-66 416131
04-26-68 420946
10-14-68 420949

BIT RING POSITIONS 0 THRU 3			
DATE	10-31-68 MACH. 2314-FCU		N S1171
LOG	288P FRAME	01	
	P.N. 2209475		000
IBM CORP.	SDD BLK.	DV	


+ BIT RING ADV
NS161DC4
+ BIT RING 3
NS171BF4
+ DELTA BIT RING ADV
NS161DB4
- BIT RING RESET
NS071AN4
- DELTA BIT RING RESET
NS071AQ4
- DELTA BIT RING 0
NS171AB4
- BIT RING 0
NS171AE4
DELTA 4
DELTA 5
DELTA 6
DELTA 7
BIT RING 4
BIT RING 5
BIT RING 6
BIT RING 7
U03AA 0143A1 A-C2E5 2B-AA
U03AA 0143A2 A-C2E5 2C-AG
U03AE 0143A3 A-C2E5 3B-AB
U03AF 0143B1 A-C2E5 4B-AC
U03AA 0143C1 A-C2E5 5B-AD
U03AA 0143C2 A-C2E5 5C-AH
U03AE 0143C3 A-C2E5 6B-AE
U03AF 0143D1 A-C2E5 7B-AF
NS171 - DELTA BIT RING 4 AB4
NS171 - BIT RING 4 AE4
+ BIT RING 4 AF4
NS021 NS131 NS191 NS201
NS191 - DELTA BIT RING 5 AK4
+ DELTA BIT RING 4 AC4
NS071 NS241
U03AA 0143A1 A-C2E6 2E-AJ
U03AA 0143A2 A-C2E6 2F-AQ
U03AE 0143A3 A-C2E6 3E-AK
U03AF 0143B1 A-C2E6 4E-AL
U03AA 0143C1 A-C2E6 5E-AM
U03AA 0143C2 A-C2E6 5F-AR
U03AE 0143C3 A-C2E6 6E-AN
U03AF 0143D1 A-C2E6 7E-AP
+ BIT RING 5 AP4
NS021 NS211
NS121 + DELTA BIT RING 5 AL4
U03AA 0143A1 A-C2F5 2H-AS
U03AA 0143A2 A-C2F5 2J-AY
U03AE 0143A3 A-C2F5 3H-AT
U03AF 0143B1 A-C2F5 4H-AU
U03AA 0143C1 A-C2F5 5H-AV
U03AA 0143C2 A-C2F5 5J-AZ
U03AE 0143C3 A-C2F5 6H-AW
U03AF 0143D1 A-C2F5 7H-AX
NS021 - BIT RING 6 AW4
+ BIT RING 6 AX4
NS021 NS211 NS231
NS071 + DELTA BIT RING 6 AU4
U03AA 0143A1 A-C2F6 2L-BA
U03AA 0143A2 A-C2F6 2M-BG
U03AE 0143A3 A-C2F6 3L-BB
U03AF 0143B1 A-C2F6 4L-BC
U03AA 0143C1 A-C2F6 5L-BD
U03AA 0143C2 A-C2F6 5M-BH
U03AE 0143C3 A-C2F6 6L-BE
U03AF 0143D1 A-C2F6 7L-BF
GA151 - BIT RING 7 BE4
+ BIT RING 7 BF4
NS021 NS031 NS141 NS171
NS211
NS131 + DELTA BIT RING 7 BC4
BE4 A-C2C8B04
01A-C3C1B09
03-30-66 416120
04-26-68 420946
10-14-68 420949
BIT RING
POSITIONS 4 THRU 7
DATE 10-31-68 MACH. 2314-FCU
LOG 288P FRAME 01
P.N. 2209476
IBM CORP. SDD BLK. FG
NS181 000



LOC.	TYPE
A-C2C4	0143
A-C2H5	3308
A-C2J4	0145

FDR REG BITS 0-1

E.C. HISTORY

MACH.2314-FCU

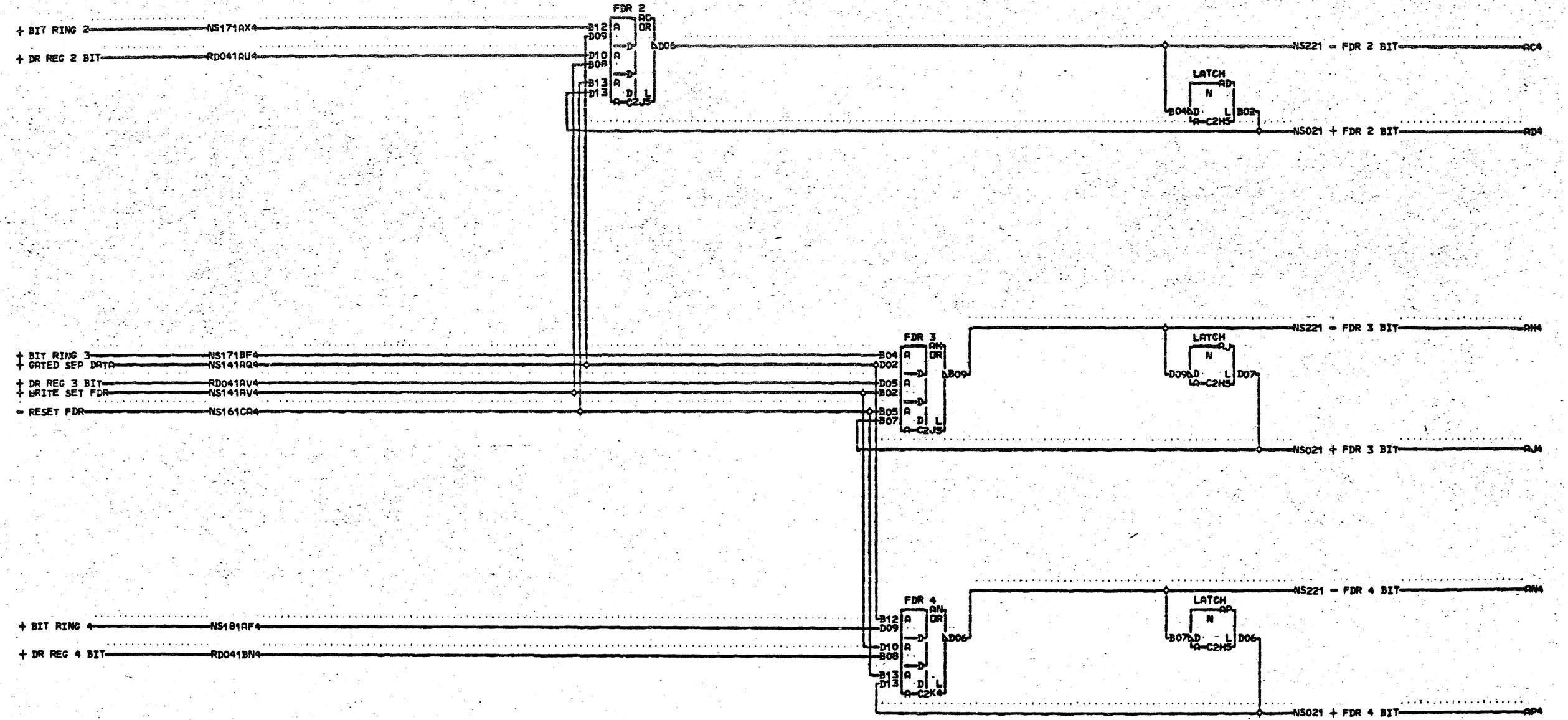
FRAME 01

IBM CORP. SDD

P.N. 2209477

DATE 03-30-66 LAST EC 416120

NS191 000



LOC.	TYPE
A-C2H5	3308
A-C2J5	0145
A-C2K4	0145

FDR REG BITS 2 THRU 4

E.C. HISTORY

MACH.2314-FCU

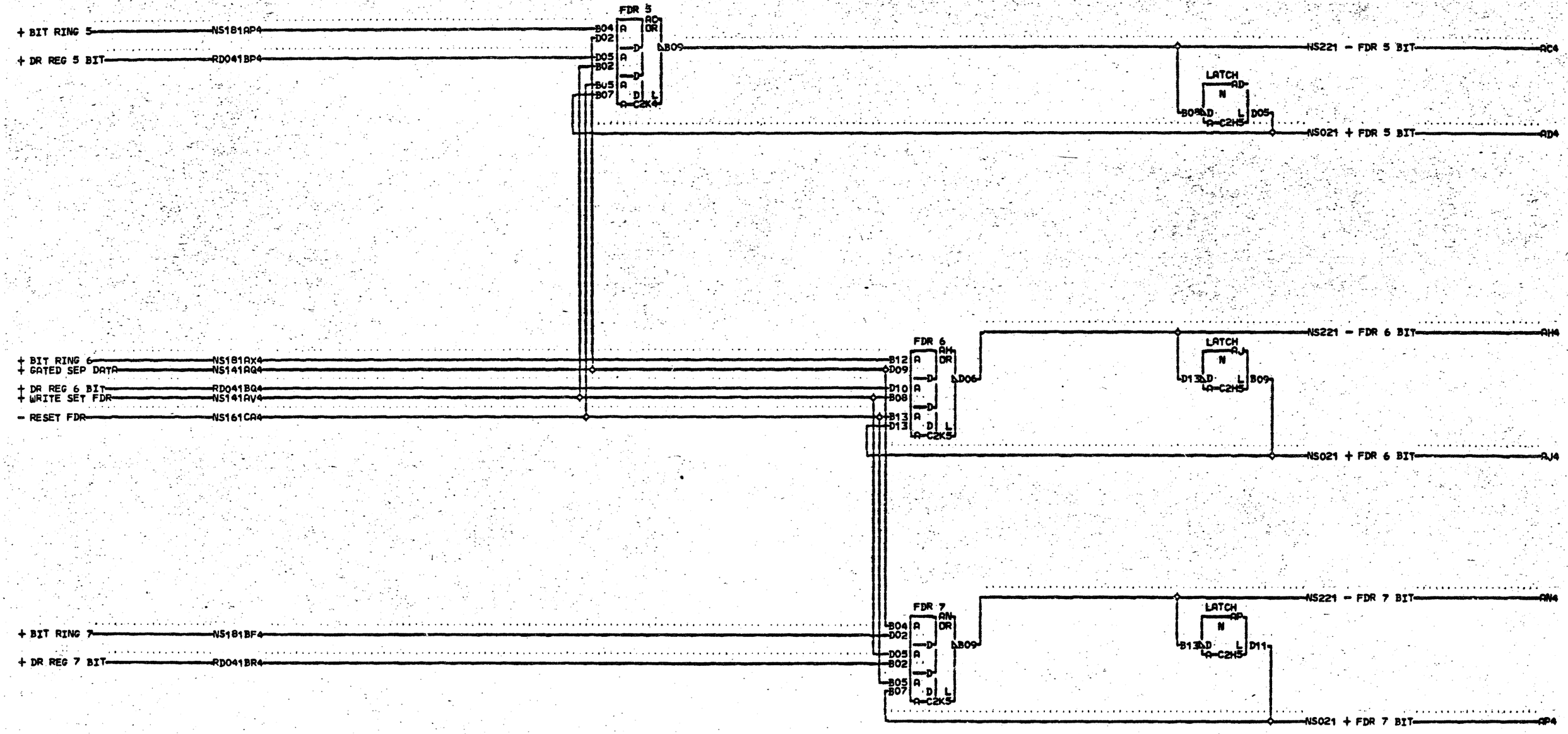
FRAME 01

IBM CORP. SDD

P.N. 2209511

DATE	LAST EC
03-30-66	416120

NS201 000

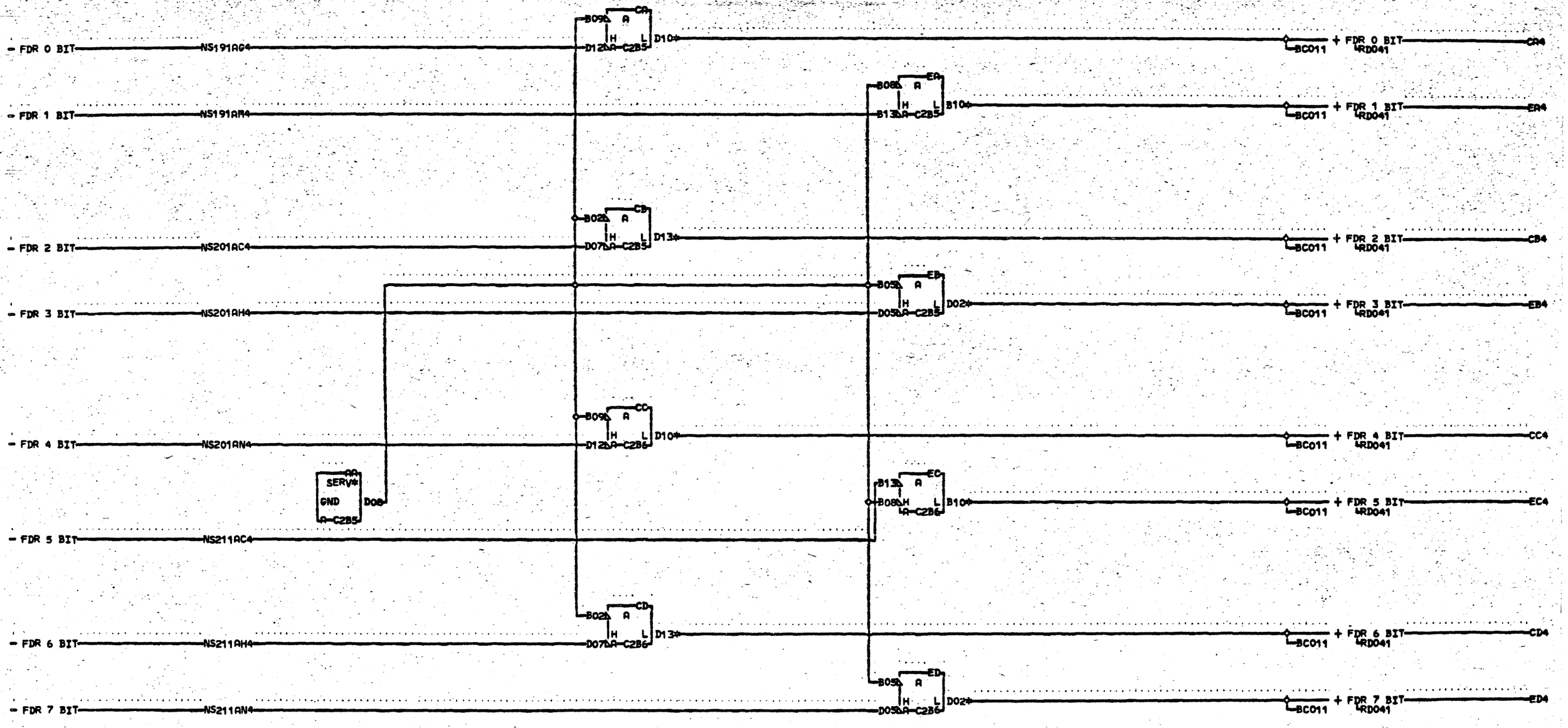


LOC.	TYPE
A-C2H5	3308
A-C2K4	0145
A-C2K5	0145

FDR REG BITS 5 THRU 7

E.C. HISTORY	MACH. 2314-FCU
	FRAME 01
	IBM CORP. SDD
DATE LAST EC 03-30-66 416120	P.N. 2209478

NS211 1 000



NSSN2
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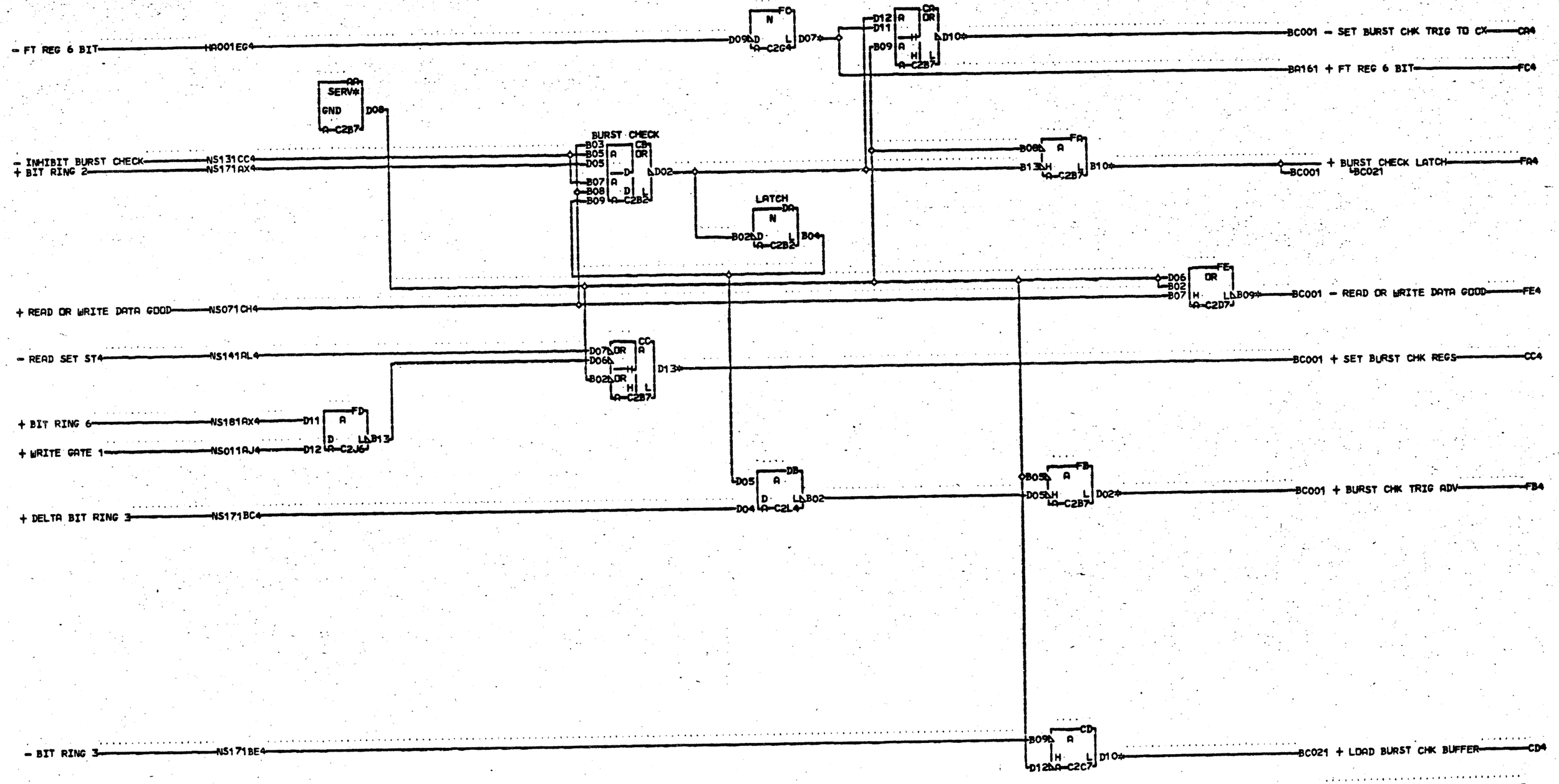
CA4 A-C2A7B02 01A-B3A2D02
01A-B3A2B02 EB4 A-C2A7B04
CB4 A-C2A7B03 01A-B3A2B04
01A-B3A2B03 EC4 A-C2A7B05
CC4 A-C2A7D04 01A-B3A2B05
01A-B3A2D04 ED4 A-C2A7D06
CD4 A-C2A7D05 01A-B3A2D06
01A-B3A2D05
EA4 A-C2A7D02

LOC. TYPE
A-C2B5 0006
A-C2B6 0006

FILE DATA REGISTER CONVERSION
E.C. HISTORY
DATE LAST EC
03-30-66 416120
RACM.2314-FCU
FRAME 01
IBM CORP. SDD
P.N. 2209479

NSSN1
000



NS231
1
000

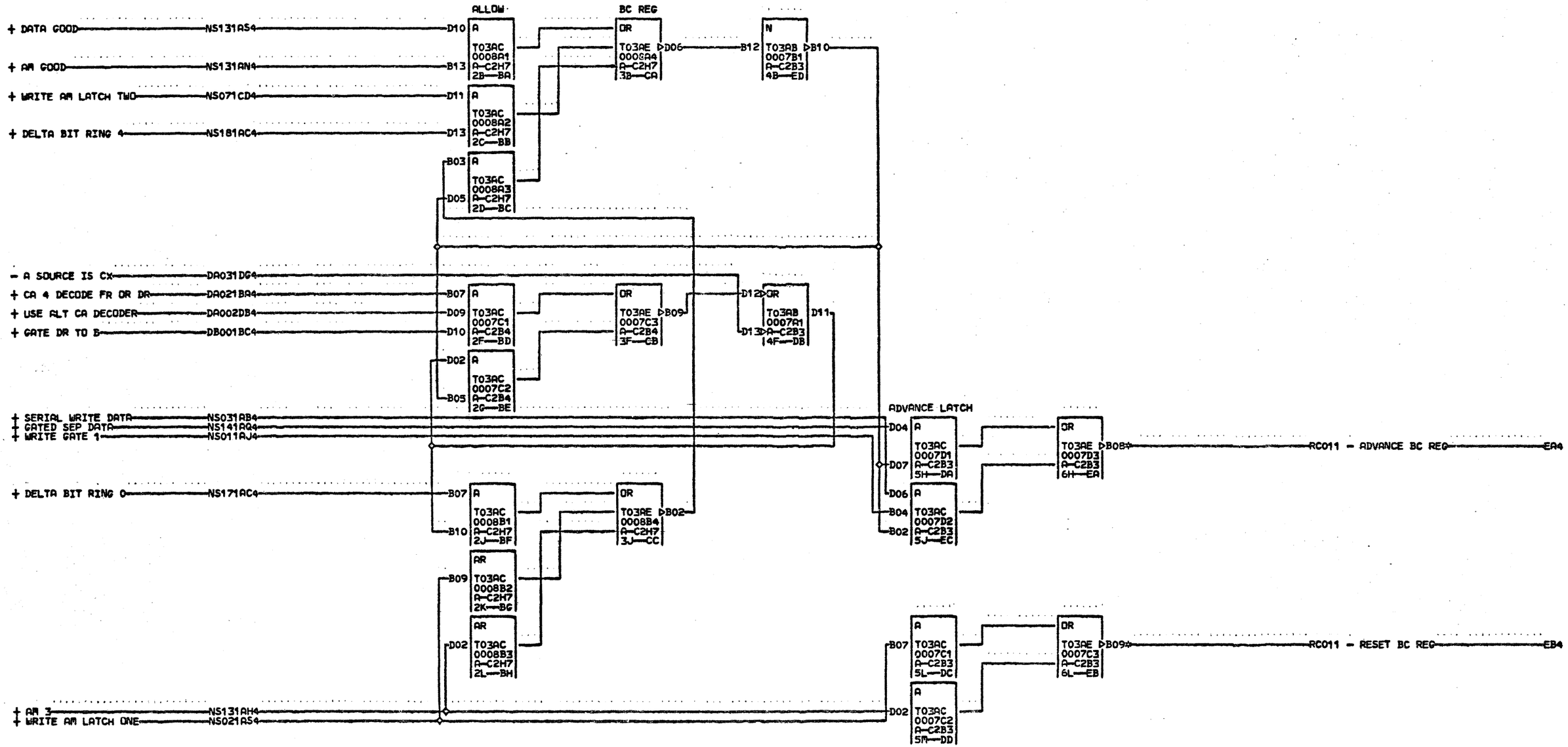
CA4 A-C2A6B10 01A-B3A6D12
01A-B3A6B10 FC4 A-C2A6D06
CC4 A-C2A6B12 01A-B3A6D06
01A-B3A6B12 FE4 A-C2A6D11
CD4 A-C2A6B13 01A-B3A6D11
01A-B3A6B13
FA4 A-C2A6D10
01A-B3A6D10
FB4 A-C2A6D12

LOC.	TYPE
A-C2B2	0143
A-C2B7	0006
A-C2C7	0006
A-C2D7	0212
A-C2G4	3308
A-C2J6	0143
A-C2L4	0135

BURST CHECK CONTROLS

E.C. HISTORY	MACH.2314-FCU
416120	
416122	FRAME 01
416126	
	IBM CORP. SDD
DATE LAST EC	P.N. 2209480
10-24-66 416131	

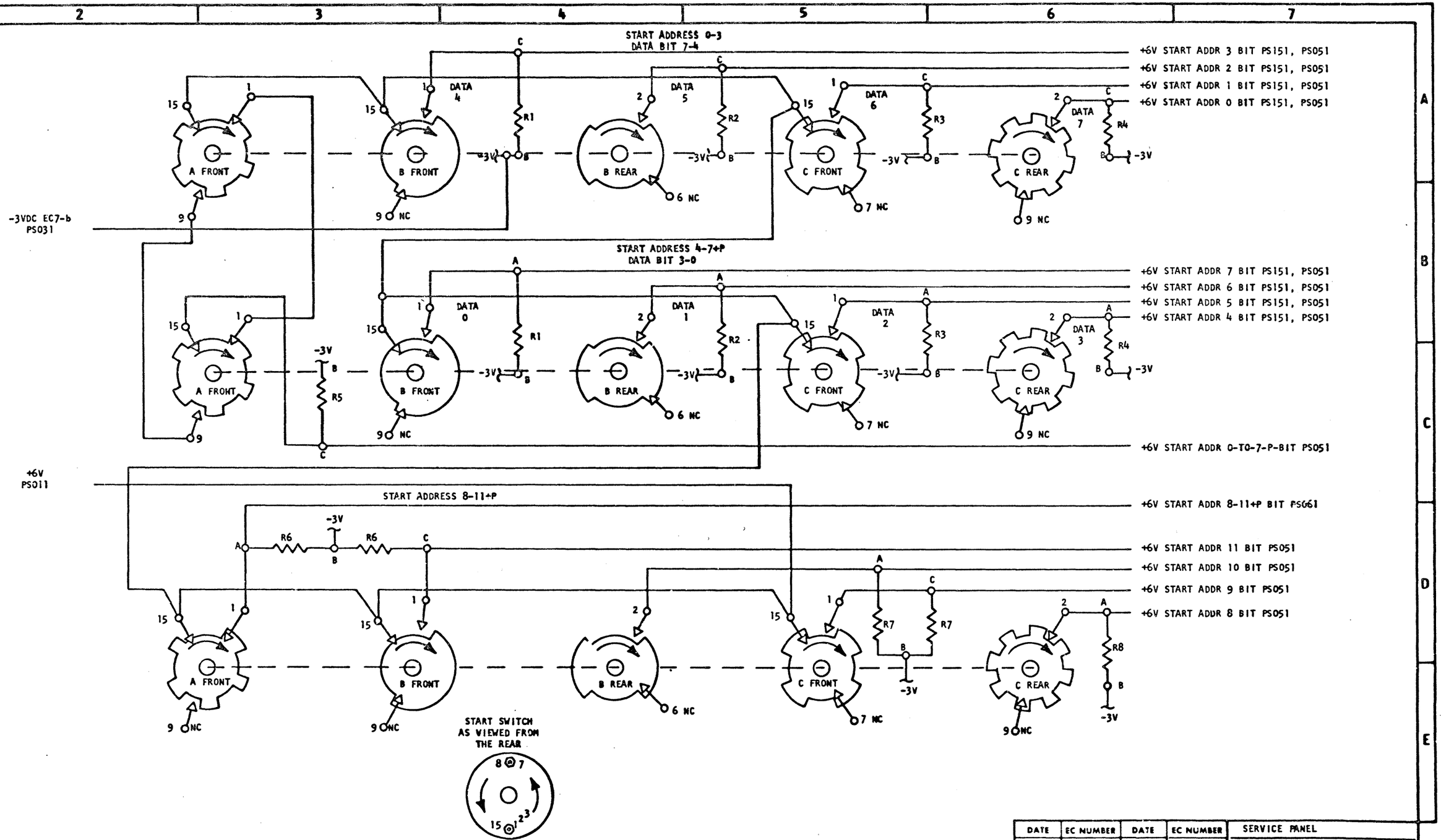
NS231
1
000



EA4 A-C2A5D07
N 01A-B2N5D07
S 01A-B2A2D11
2 01A-B1A2D11
4 EB4 A-C2A5D09
1 01A-B2N5D09
01A-B2A2D12
000 01A-B1A2D12

10-14-68 420949

ADVANCE/RESET BC REGISTER				
DATE 10-31-68	MACH. 2314-FCU			NS241
LOG A17G	FRAME 01			
	P.N. 2261323			000
IBM CORP. SDD	BLK. EE			



NOTES:

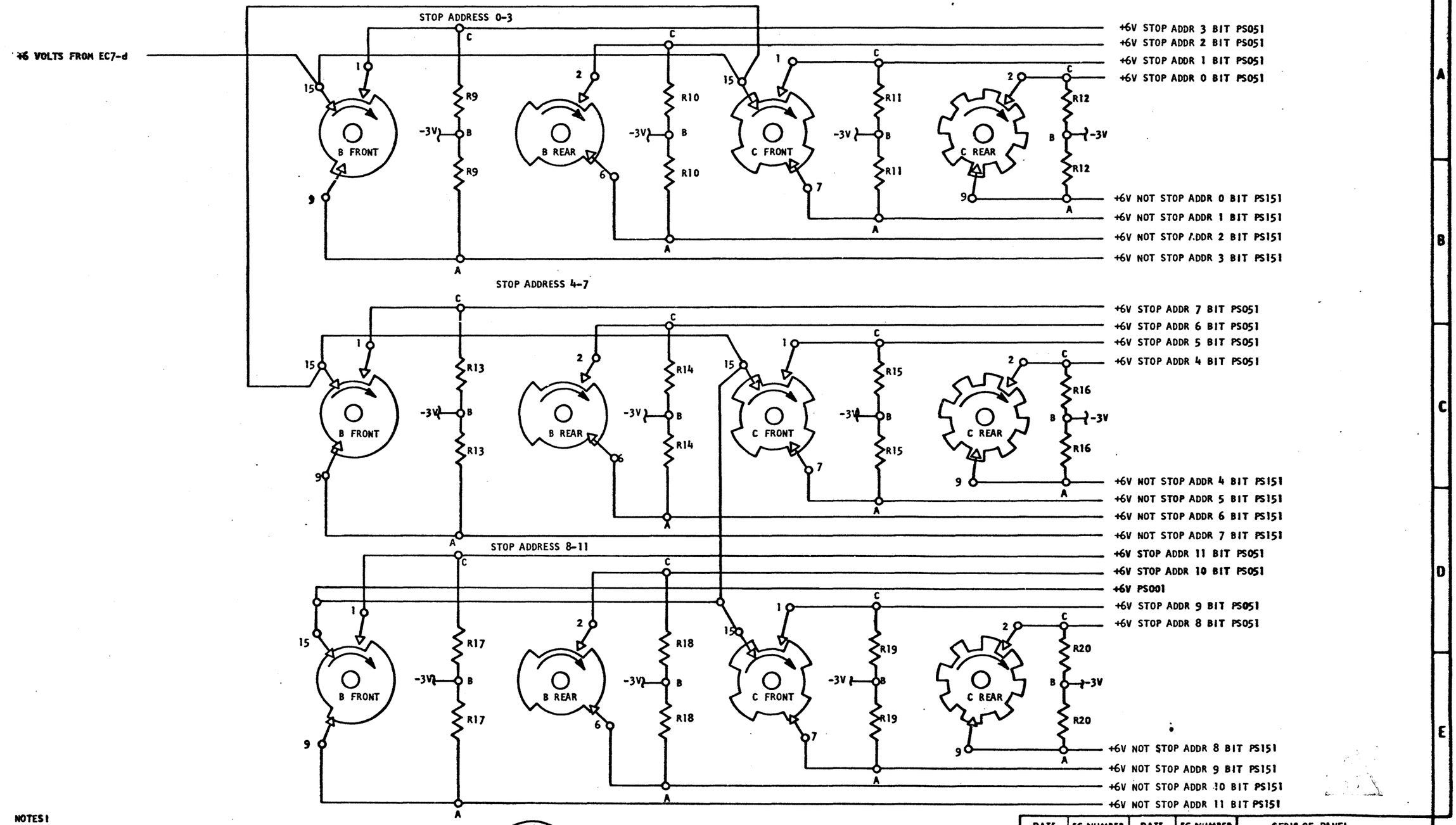
1. ALL RESISTORS 180Ω 1 WATT UNLESS OTHERWISE NOTED. ROTORS ON FRONT AND REAR OF WAFERS B & C CONNECTED INTERNALLY. SWITCHES SHOWN AS VIEWED FROM KNOB END AND IN POSITION ZERO. WAFER "A" IS CLOSEST TO PANEL. CLOCKWISE ROTATION SHOWN BY ARROW.

DATE	EC NUMBER	DATE	EC NUMBER
APR66	416034		
SEPT 66	416126		

SERVICE PANEL

DATE	4-28-66	P/N	2209801
		TYPE	2314

IBM PS001



NOTES:

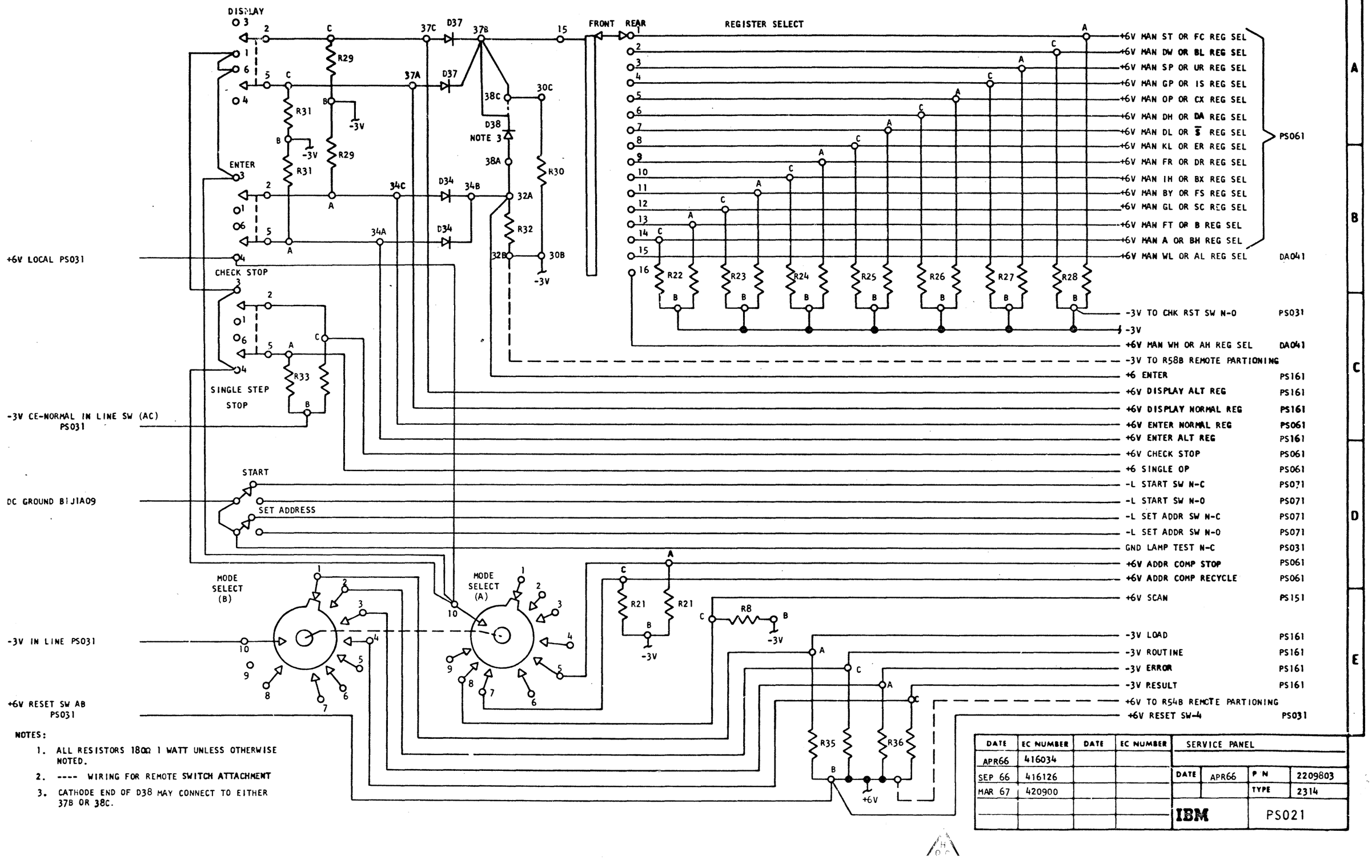
1. ALL RESISTORS 180Ω 1 WATT UNLESS OTHERWISE NOTED. ROTORS ON FRONT AND REAR OF WAFERS B & C CONNECTED INTERNALLY. SWITCHES SHWON AS VIEWED FROM KNOB END AND IN POSITION ZERO. WAFER "A" IS CLOSEST TO PANEL. CLOCKWISE ROTATION SHOWN BY ARROW.

DATE	EC NUMBER	DATE	EC NUMBER
APR 66	416034		
SEP 66	416126		

SERVICE PANEL

DATE	4-28-66	P/N	2209802
		TYPE	

IBM PS011



NOTES:

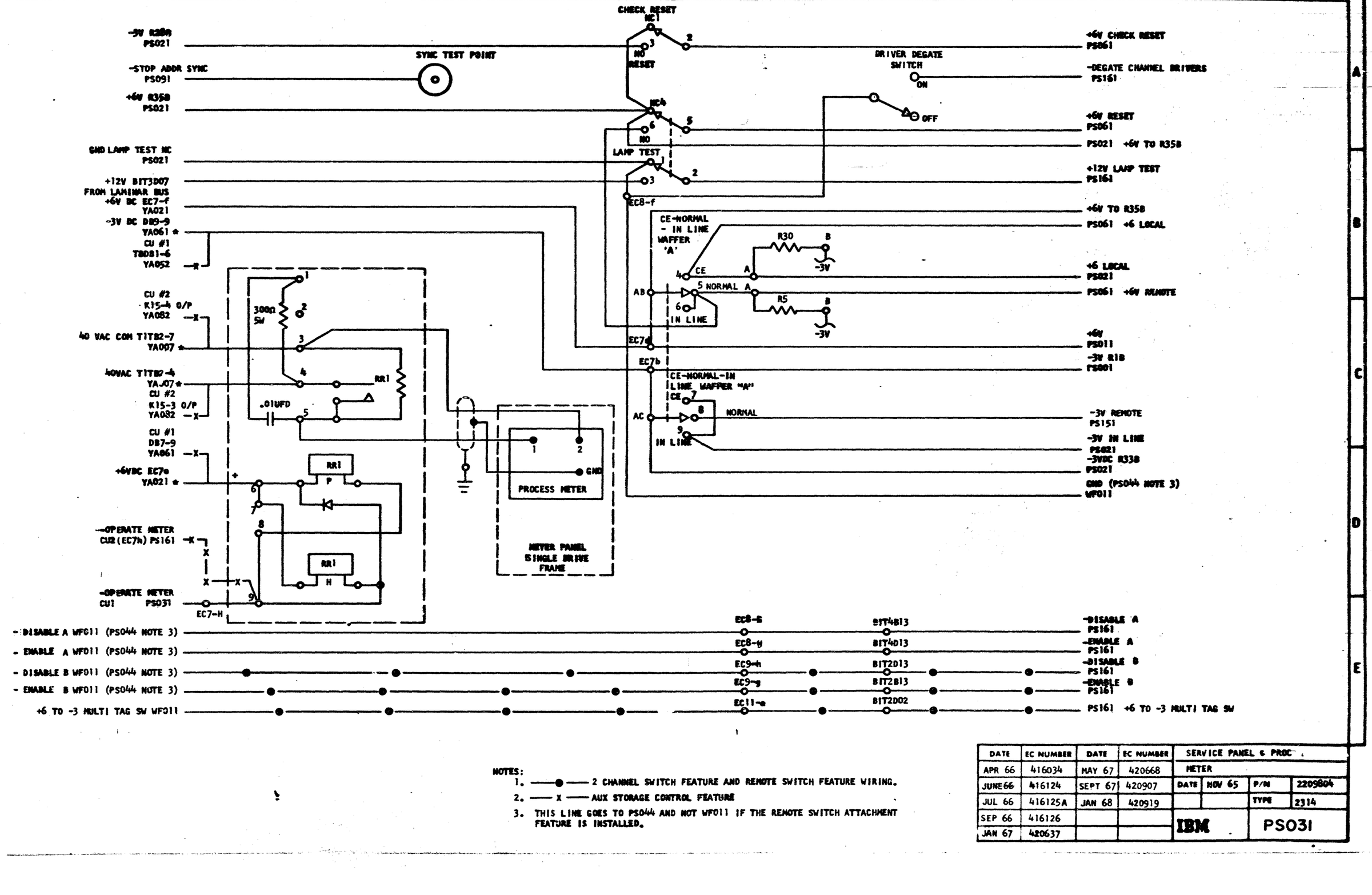
1. ALL RESISTORS 180Ω 1 WATT UNLESS OTHERWISE NOTED.
2. ---- WIRING FOR REMOTE SWITCH ATTACHMENT
3. CATHODE END OF D38 MAY CONNECT TO EITHER 37B OR 38C.

DATE	EC NUMBER	DATE	EC NUMBER
APR66	416034		
SEP 66	416126		
MAR 67	420900		

SERVICE PANEL

DATE	APR66	P N	2209803
		TYPE	2314

IBM PS021



NOTES:

1. ——●—— 2 CHANNEL SWITCH FEATURE AND REMOTE SWITCH FEATURE WIRING.
2. —— X —— AUX STORAGE CONTROL FEATURE
3. THIS LINE GOES TO PS044 AND NOT WF011 IF THE REMOTE SWITCH ATTACHMENT FEATURE IS INSTALLED.

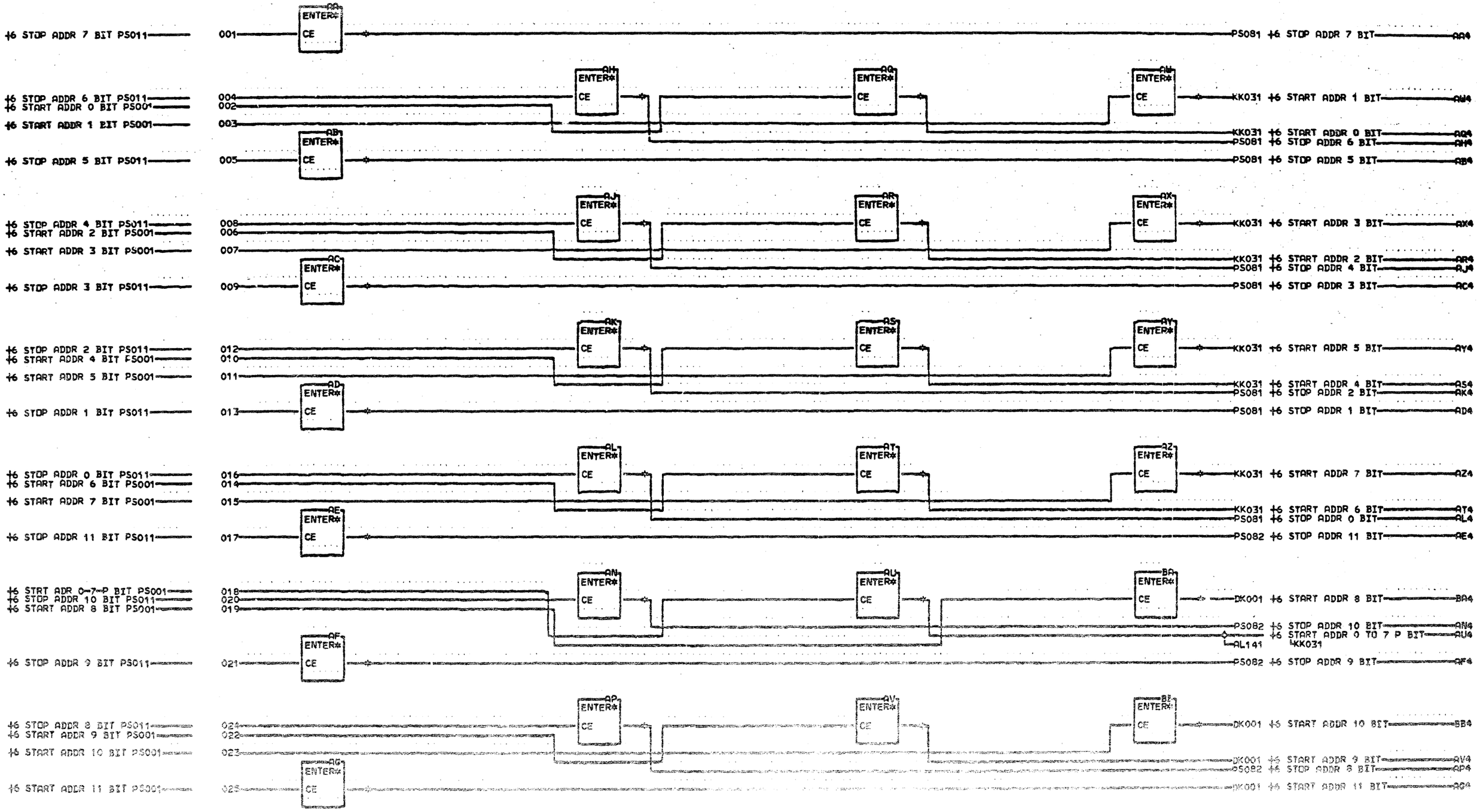
DATE	EC NUMBER	DATE	EC NUMBER
APR 66	416034	MAY 67	420668
JUNE66	416124	SEPT 67	420907
JUL 66	416125A	JAN 68	420919
SEP 66	416126		
JAN 67	420637		

SERVICE PANEL & PROC METER

DATE NOV 65 P/N 2209804

TYPE 2314

IBM PS031



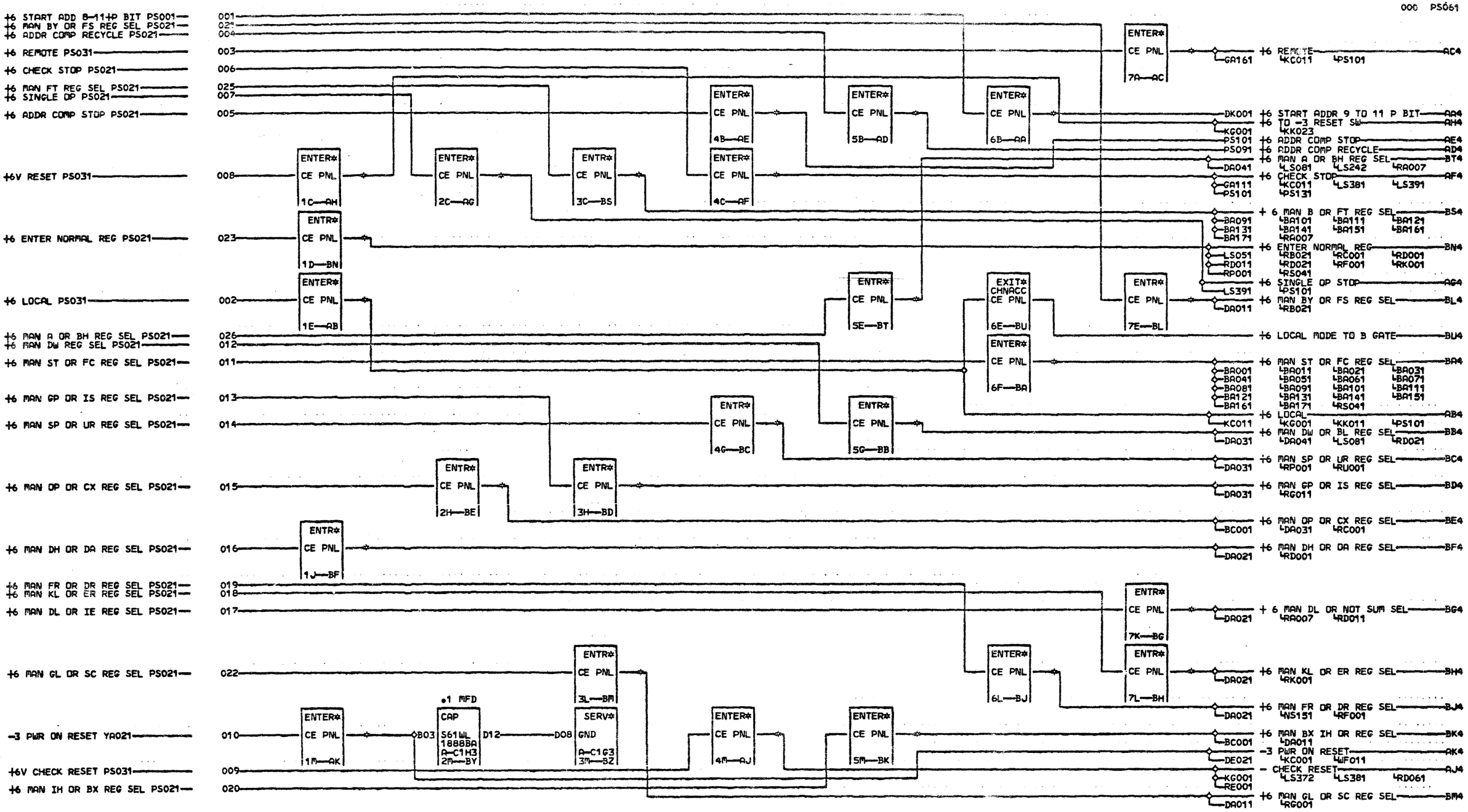
PS051 000

BB4 P-C1E1E11 AK4 P-C1E1511 010-C1N7502
AS4 P-C1E1C02 AL4 P-C1D1E09 012-B2W3B02
AC4 P-C1E1B09 AN4 P-C1F1511 AV4 P-C1C1511
AD4 P-C1E1A11 AP4 P-C1E1E02 AW4 P-C1B1A11
AE4 P-C1F1B02 AQ4 P-C1D1E03 AX4 P-C1B1B09
AF4 P-C1F1A11 AR4 P-C1B1511 AY4 P-C1B1C09
AG4 P-C1C1C11 AS4 P-C1B1C11 B2A4 P-C1D1E11
AH4 P-C1B1D09 AT4 P-C1B1D09 B2B4 P-C1C1A11
AJ4 P-C1E1C11 AU4 P-C1B1E02 B2C4 P-C1C1B09

CE PANEL FEED THRU

ECO HISTORY	MACH 2314 FCU
416120	
416123	FRAME 01
420901	
420905	IBM CORP. GPD
DATE LAST EC	P/N 2200488
03-02-87 420912	

PS051 000



CE PNL FEED THRU PAGE

P S 0 6 1

000

AA4 A-C1C1C09	01A-C3A3D12	C1B-A1F1B11	01A-C1A4D12	01A-B2G8A04	01A-B1A2D10	BE4 A-B1L1C11	01A-B1A6B02	BN4 A-B1M1C09	01A-B2F8A06	03-30-66	416120	10-04-68	420948
AB4 A-C1C1E11	AD4 A-C1C1E09	AG4 A-C1J1D09	01A-B1N4D12	01A-B3G1A09	01A-B2A2D10	01A-B1A5B07	01A-C3A4B02	01A-B1B1C05	BT4 A-B1G1E11	04-28-66	416122	10-14-68	420949
01A-C1A3D12	AE4 A-C1D1A11	01A-B1C1B11	C1A-B1E8C04	01A-B3N6B12	01A-B2N5B08	01A-B3A3B07	01A-C3B1D09	01A-A1G1A0-	01A-B2E1E09	05-09-66	416123		
01A-B1N3D12	AF4 A-C1K1A09	01B-A1F1A11	01A-B2E1C09	01A-C1N5D13	01A-C2A5B08	BF4 A-B1L1C09	01A-C2B6D04	01A-B1G8A04	01A-B1E8E04	06-08-66	416124		
01A-B1B1E11	01A-C1A6D10	01A-C1A7D07	01A-B1B1E09	BA4 A-B1K1E09	01B-A1E1B09	BG4 A-B1L1D09	BK4 A-B1M1A11	01B-A2G1A09	01A-B1B1B09	06-24-66	416125		
AC4 A-C1C1D09	01A-C3A3D10	01A-B1N7D07	01B-A1F1B09	01A-B1A5B02	01B-A1E8B04	01A-B1E8E06	01A-B1A4D13	BG4 A-B1M1C11	01B-A1E1B11	08-29-66	416128		
01A-C1A7D06	01A-C1A2D06	AH4 A-C1J1E09	AK4 A-C1K1A11	01A-B3A3B02	01B-A2E1B09	01A-B2E1E11	01A-B3A4D13	01A-B1A4B10	01B-A1E8E06	08-29-66	416126		
01A-B1N7D06	01A-B1N2D06	01A-C1A6D09	01A-C1N7B13	BB4 A-B1L1A11	BC4 A-B1L1B11	BH4 A-B1L1E11	BL4 A-B1M1B11	01A-B3A4B10	01B-A2E1B11	10-24-66	416131		
01A-C1A6D12	01A-B1C1A11	AJ4 A-C1J1E11	01A-B2N3B13	01A-B1B1C11	BD4 A-B1L1B09	BJ4 A-B1L1E09	BM4 A-B1M1B09	01A-B3F1A11		06-19-67	420903		
										08-06-68	420946		

CE PANEL FEED THRU B1

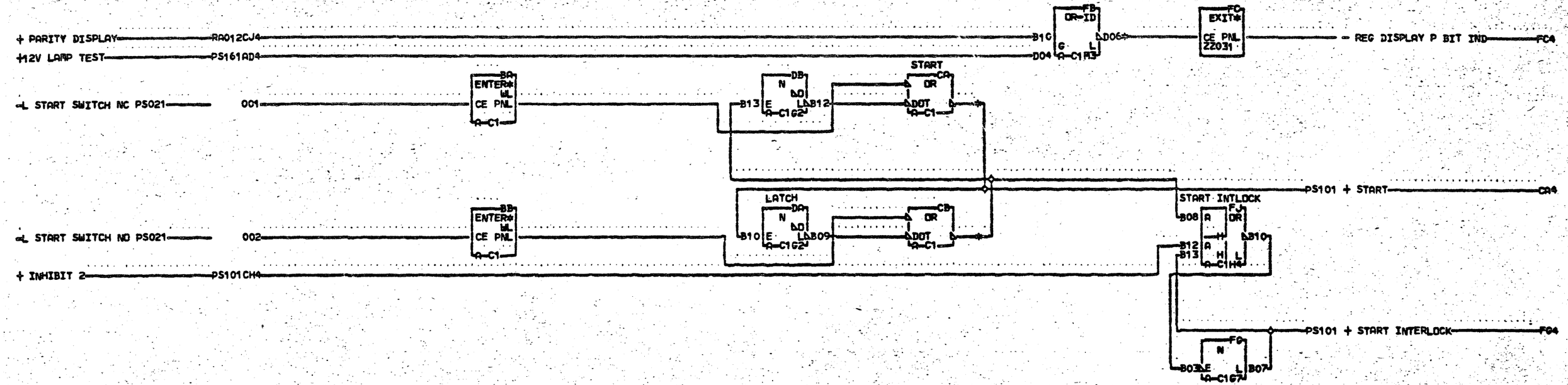
DATE 10-31-68 MACH. 2314-FCU

LOG 288P FRAME 01

P.N. 2209489

IBM CORP. GPD BLK. CA

P S 0 6 1 000



P S 0 7 1 000

CR4 A-C1F1C09
CB4 A-C1F1D09
CF4 A-C1G1A11
CG4 A-C1G1A09
FB4 A-C1F1C11

LOC.	TYPE
A-C1C3	4281
A-C1G2	0347
A-C1G7	0347
A-C1H4	0006
A-C1M3	0730
A-C1	

CE START AND SET ADDRESS SWITCHES

E.C. HISTORY: 416120

MACH. 2314-FCU

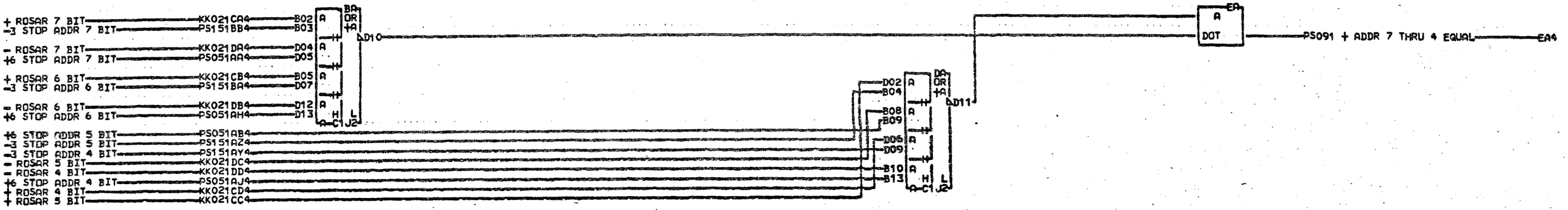
FRAME 01

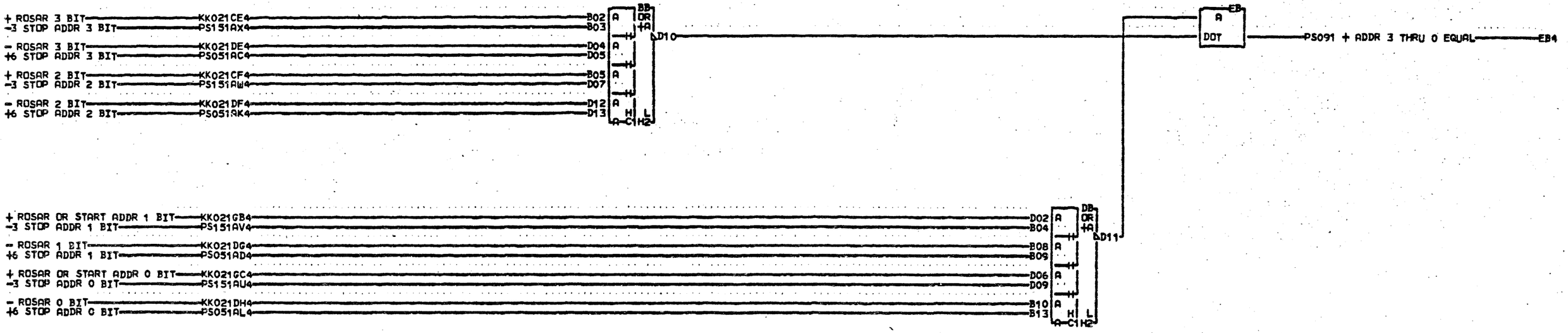
IBM CORP. GPD

DATE 05-10-66 LAST EC 416123

P.No. 2209490

P S 0 7 1 000





SIGNALS FROM CE PANEL SWITCHES
ARE DIRECTLY CONNECTED TO
POWER SUPPLY VOLTAGES. USE
CAUTION IN THESE AREAS.

P S 0 8 1

000

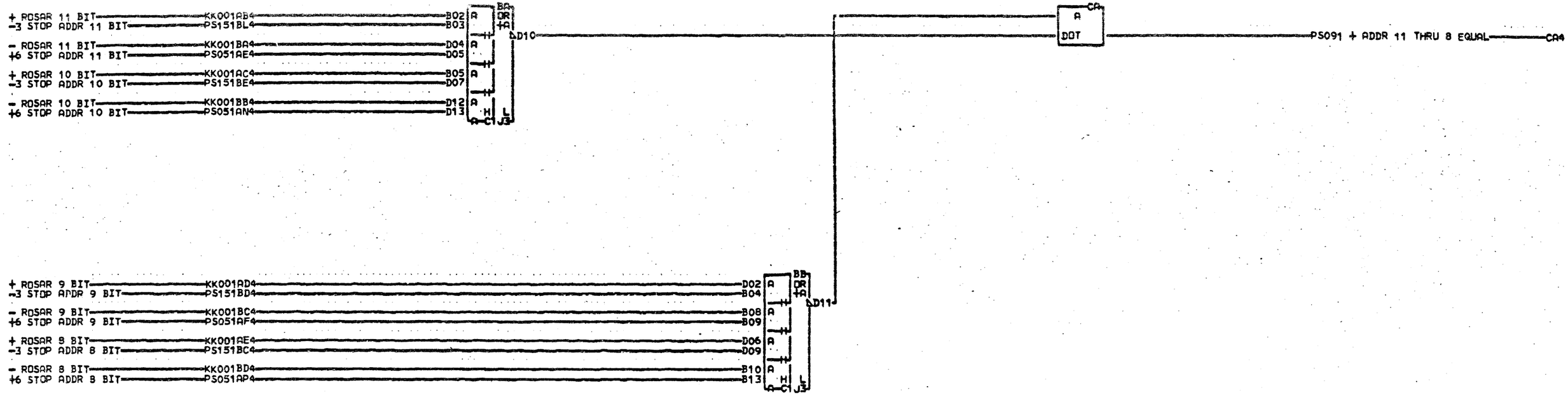
LOC. TYPE
A-C1H2 0064
A-C1J2 0064

STOP ADDRESS COMPARE CE PNL
BITS 7 THRU 0
-E.C.-HISTORY- MACH.2314-FCU

DATE	LAST EC
04-06-66	416120

FRAME 01
IBM CORP. SDD
P.N. 2209491

P S 0 8 1 000



SIGNALS FROM CE PANEL SWITCHES
ARE DIRECTLY CONNECTED TO
POWER SUPPLY VOLTAGES, USE
CAUTION IN THESE AREAS.

P
S
0
8
2

000

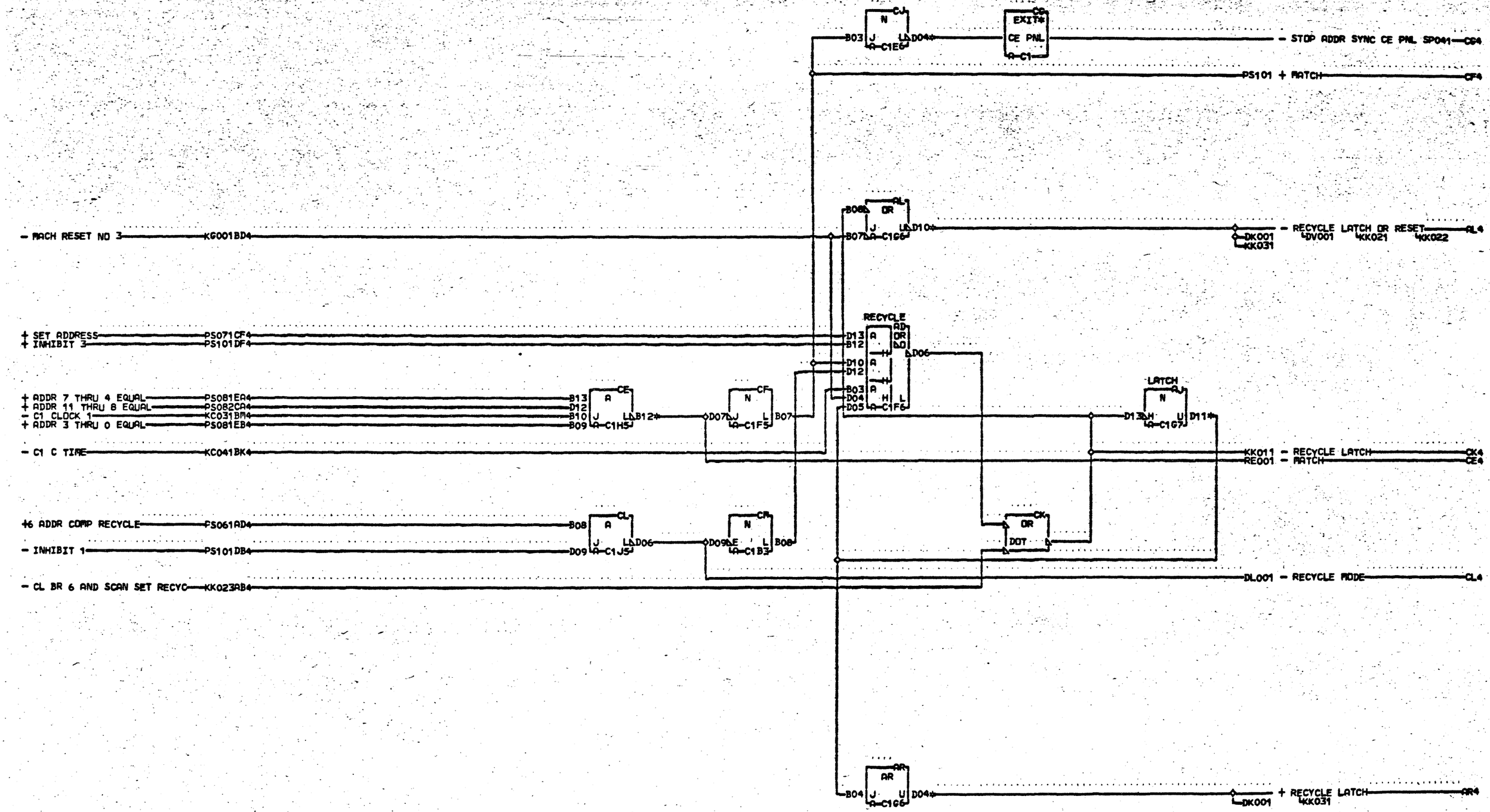
LOC. TYPE
A-C1J3 0064

STOP ADDRESS COMPARE CE PNL
BITS 11 THRU 8
-E.C.-HISTORY-
416120

MACH.2314-FCU
FRAME 01
IBM CORP. SDD
P.N. 2209481

DATE LAST EC
05-09-66 415123

PS082
000



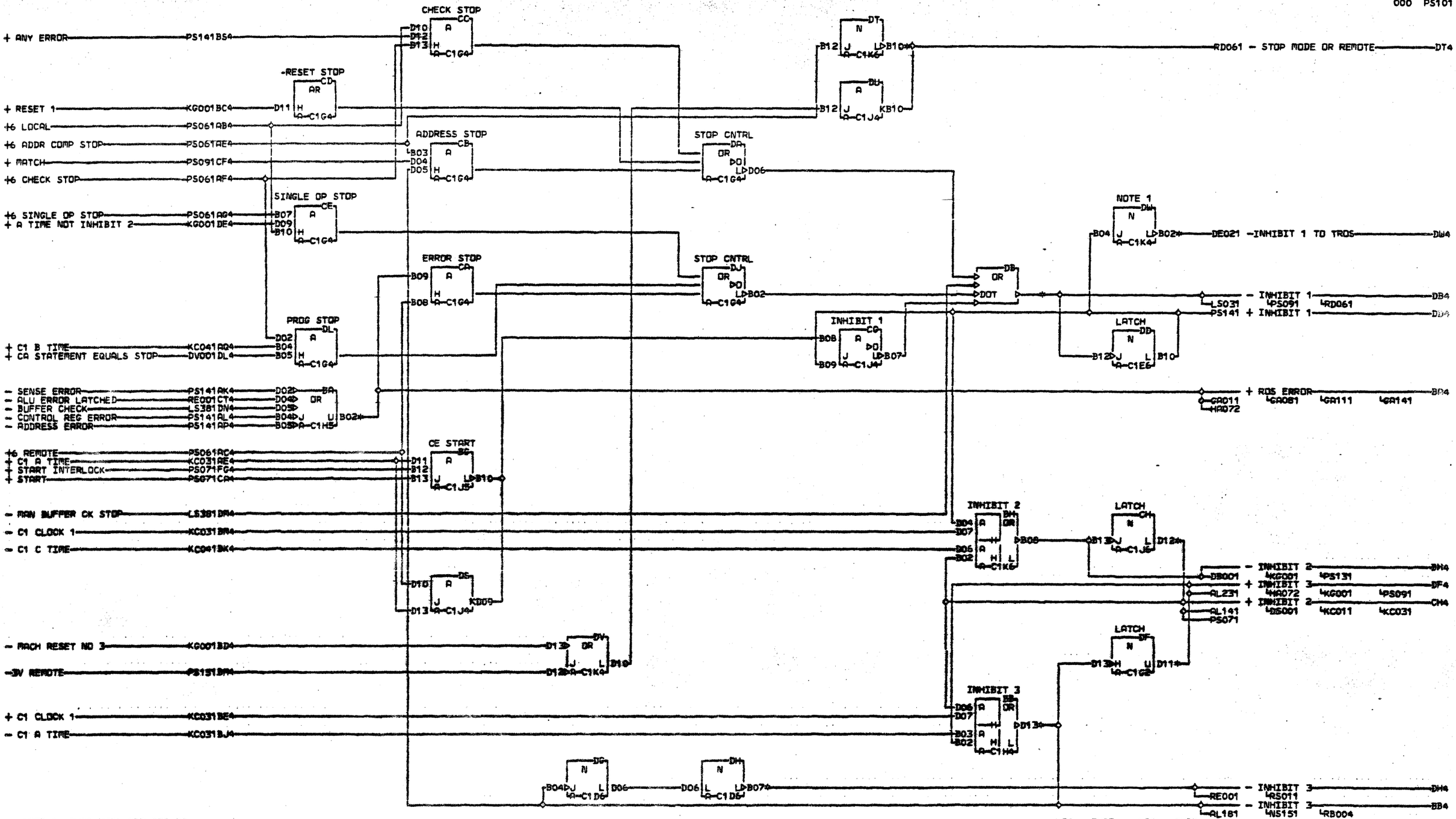
P
S
0
9
1
000

AJ4 RESISTOR 01A-B1N5B12
A-C1G7D12 CJ4 A-C1D1A09
AL4 A-C1A5B06
01A-B1N5B06
RESISTOR
A-C1G6D06
AR4 RESISTOR
A-C1G6D02
CE4 A-C1A5B12

LOC.	TYPE
A-C1B3	4281
A-C1E6	0199
A-C1F5	0000
A-C1F6	0008
A-C1G6	4061
A-C1G7	0347
A-C1H5	0229
A-C1J5	0000

STOP ADDRESS COMPARE AND RECYC

E.C.-HISTORY	MACH.2314-FCU	P S 0 9 1
416120	FRAME 01	
DATE LAST EC 04-28-66 416122	IBM CORP. GPD	000
	P.N. 2209492	



NOTE 1. THIS NOTE APPLIES TO ALL MACHINES WITH PANEL 02A-A1
P P/N 5374270. EDGE CONNECTOR
S 01A-C1N5D12 SHOWN AT DW4 IS
1 ACTUALLY AT 01A-C1E6B10 DD4
0 AND THE SIGNAL IS + INHIBIT
1 GOING TO THE TROS UNIT.

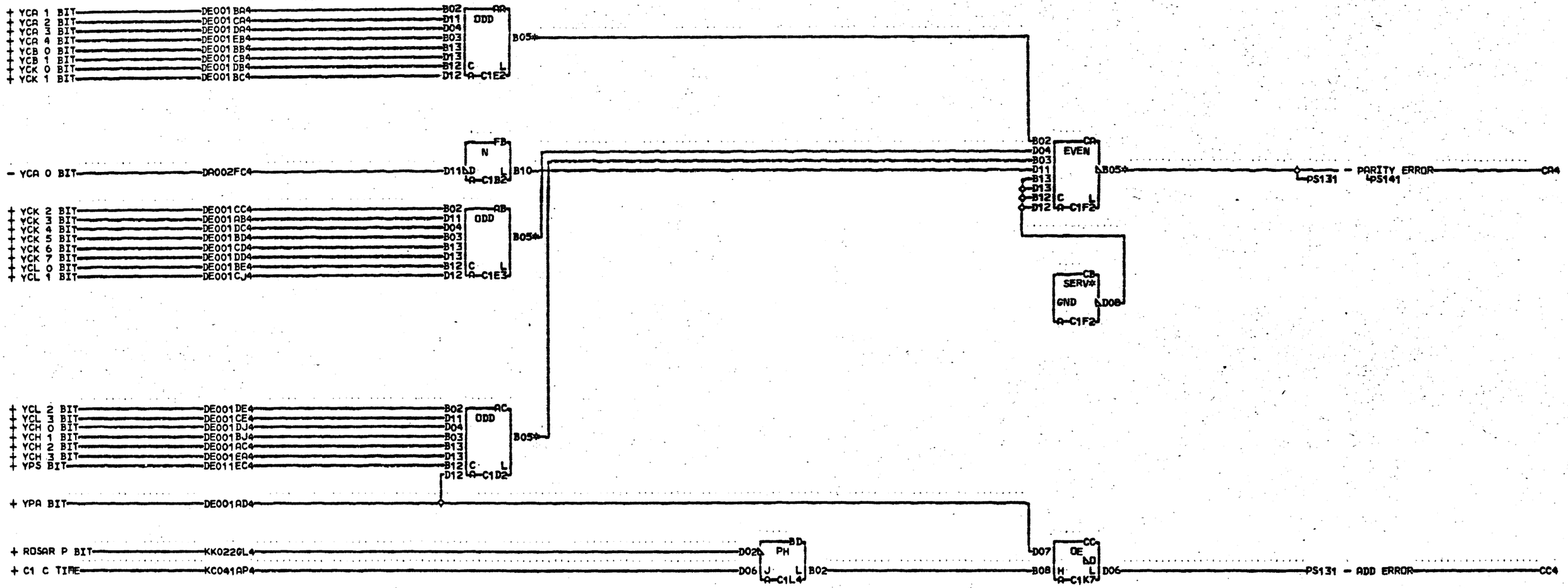
000

BA4 A-C1C6E04	01A-B2N3B05	01B-A2A2B12	01A-B3A6D09	01A-B1N3B13	
01A-C2C1E09	01A-C1D8A04	01B-B1A7B12	01A-C2A5D04	01A-B1A2D06	
01A-C2B8E04	01A-C2D1A09	01B-B1M8B04	01A-B2N5D04	01A-B2A2D06	
01A-C3B1E09	CH4 A-C1A2D05	01B-B2M1B09	01A-C1A6B07	DW4 A-C1N5D12	
01A-C3A2D12	01A-B1N2D05	01A-B1N4B13	RESISTOR		
01A-B3N2D12	01A-B1A2D09	01A-C1A4B13	A-C1G2D12		
RESISTOR	01A-B2A2D09	DF4 A-C1C8C06	DH4 A-C1A5D02		
A-C1H5B03	DB4 B-A1F8C06	01A-C2C1C11	01A-B1N5D02		
BB4 A-C1N7B05	01B-A2F1C11	01A-C2A6D09	DT4 A-C1A3B13		

LOC.	TYPE	LOC.	TYPE
A-C1D6	0015	A-C1K4	0199
A-C1E6	0199	A-C1K6	0007
A-C1G2	0347		
A-C1G4	0008		
A-C1H4	0006		
A-C1H5	0229		
A-C1J4	0238		
A-C1J5	0000		
A-C1J6	3575		

INHIBIT CONTROL

E.C. HISTORY		MACH. 2314 FCU	P S 1 0 1
416124	420637		
416126	420901	FRAME 01	
416129	420908		
416131	424042	IBM CORP. GPD	
DATE	LAST EC		000
04-21-69	424046	P.N. 2209493	



P		
S	AA4	RESISTOR
1		A-C1E2D02
1	AB4	RESISTOR
1		A-C1E3D02
	AC4	RESISTOR
		A-C1D2D02
000	CA4	RESISTOR
		A-C1F2D02

LOC.	TYPE
A-C1B2	0135
A-C1D2	0511
A-C1E2	0511
A-C1E3	0511
A-C1F2	0511
A-C1K7	0243
A-C1L4	0813

SAL PARITY CHECK

E.C. HISTORY

MACH.2314-FCU

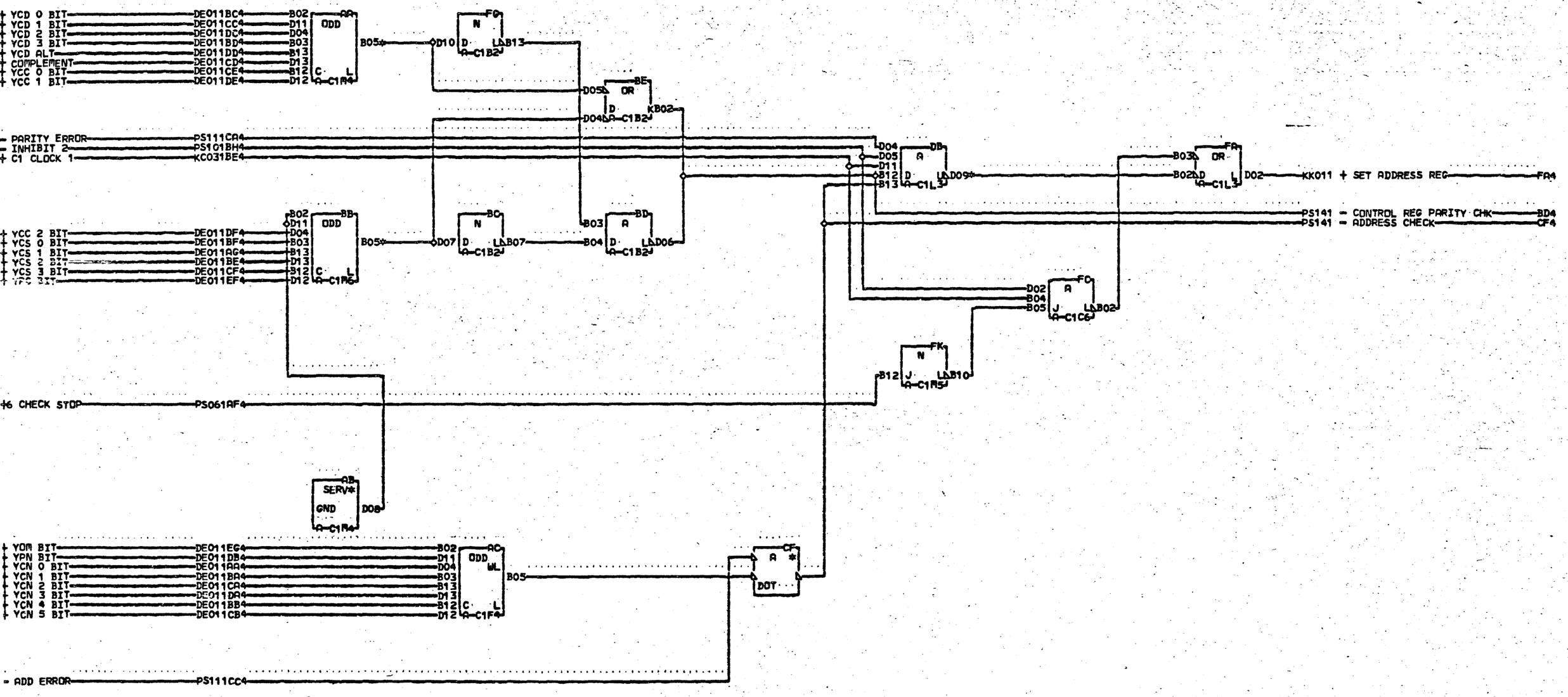
FRAME 01

IBM CORP. SDD

P.No. 2209494

DATE LAST EC
03-30-66 416120

PS 1 1 1 000



P S 1 3 1 000

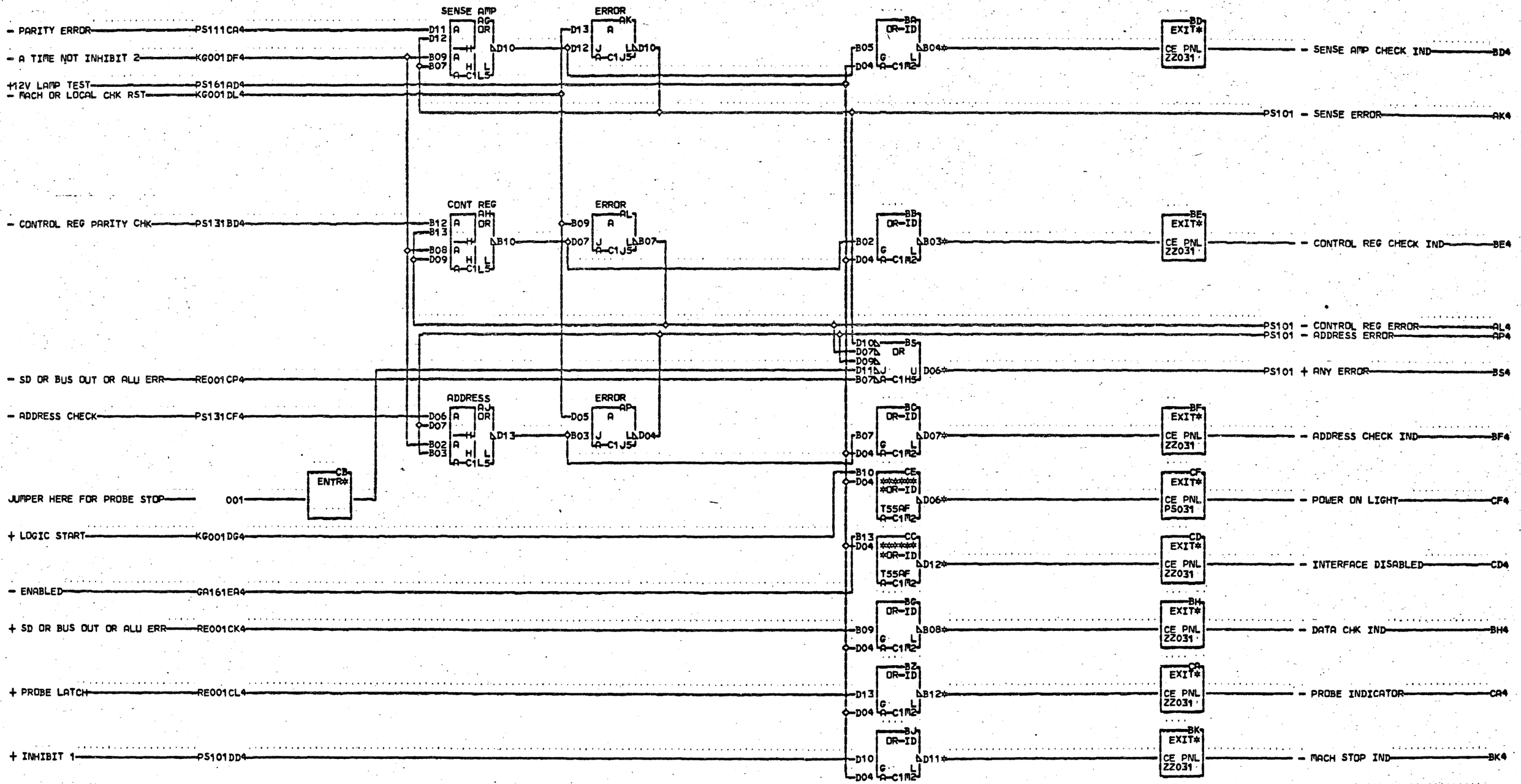
AA4 RESISTOR
A-C1R4D02
BB4 RESISTOR
A-C1R6D02
DB4 RESISTOR
A-C1L3D13

LOC.	TYPE
A-C1B2	0135
A-C1C6	0199
A-C1F4	0511
A-C1L3	0147
A-C1R4	0511
A-C1R5	3575
A-C1R6	0511

CONTROL REG PARITY CHECK

E.C. HISTORY	MACH. 2314-FCU
416120	
416121	FRAME 01
420637	
	IBM CORP. SDD
DATE LAST EC	P.N. 2209496
05-09-67 420905	

P S 1 3 1 000



NOTE•MOST CE PANEL SIGNALS CONNECT DIRECTLY TO POWER SUPPLY VOLTAGES• USE CAUTION IN THESE AREAS•

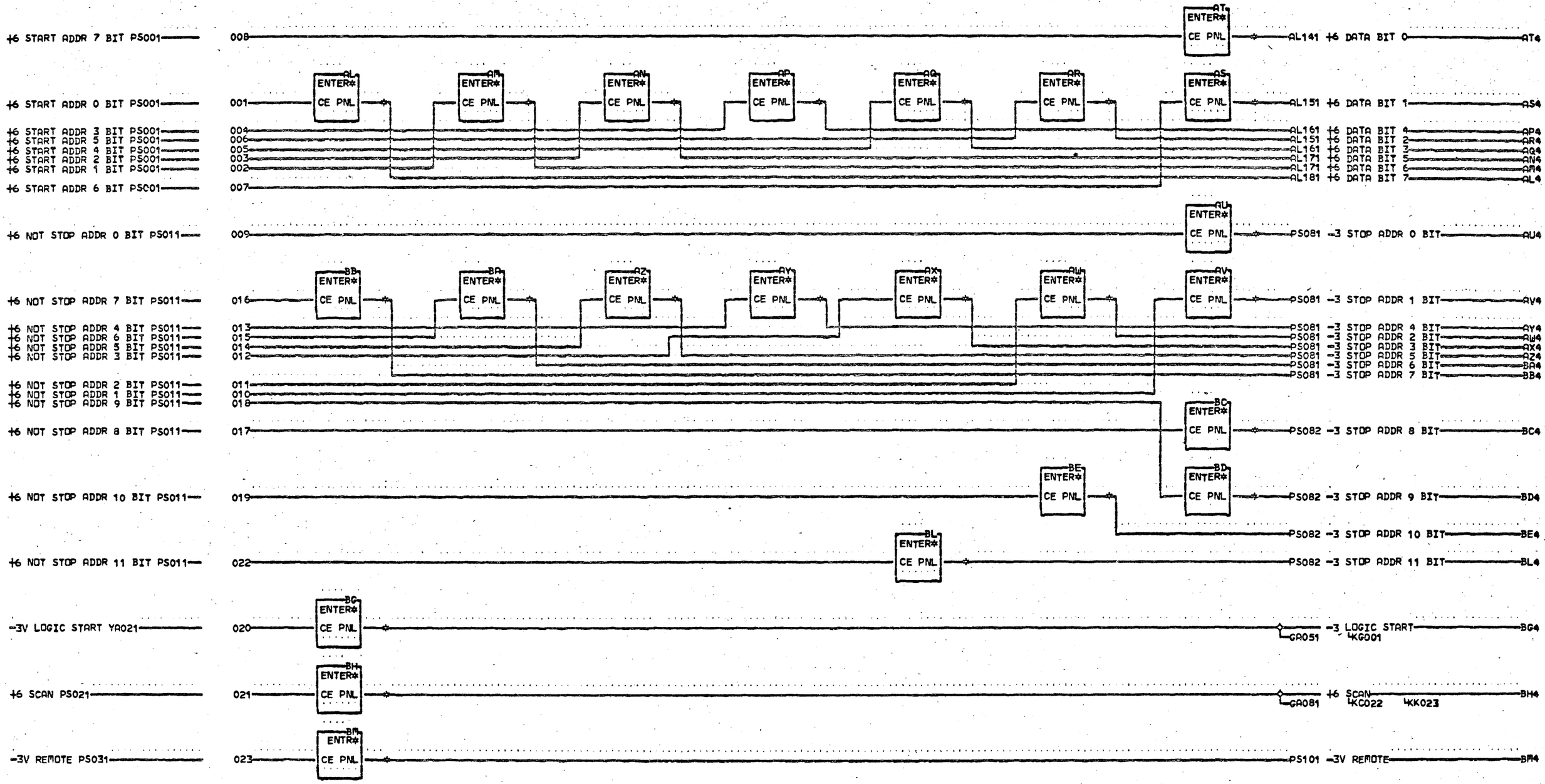
000

BA4 A-C1M1D09 CE4 A-C1F1E09
BB4 A-C1M1E11
BC4 A-C1M1E09
BG4 A-C1N1A11
BJ4 A-C1N1A09
BS4 RESISTOR A-C1H5B08
BZ4 A-C1K1E11
CC4 A-C1L1E09

LOC•	TYPE
A-C1H5	0229
A-C1J5	0000
A-C1L5	0006
A-C1M2	0730

ERROR LATCHES

E•C•-HISTORY	MACH•2314-FCU	P S 1 4 1
416120		
416121	FRAME 01	
416122		
416123	IBM CORP• GPD	
DATE LAST EC		000
08-07-67 420912	P•N• 2209497	



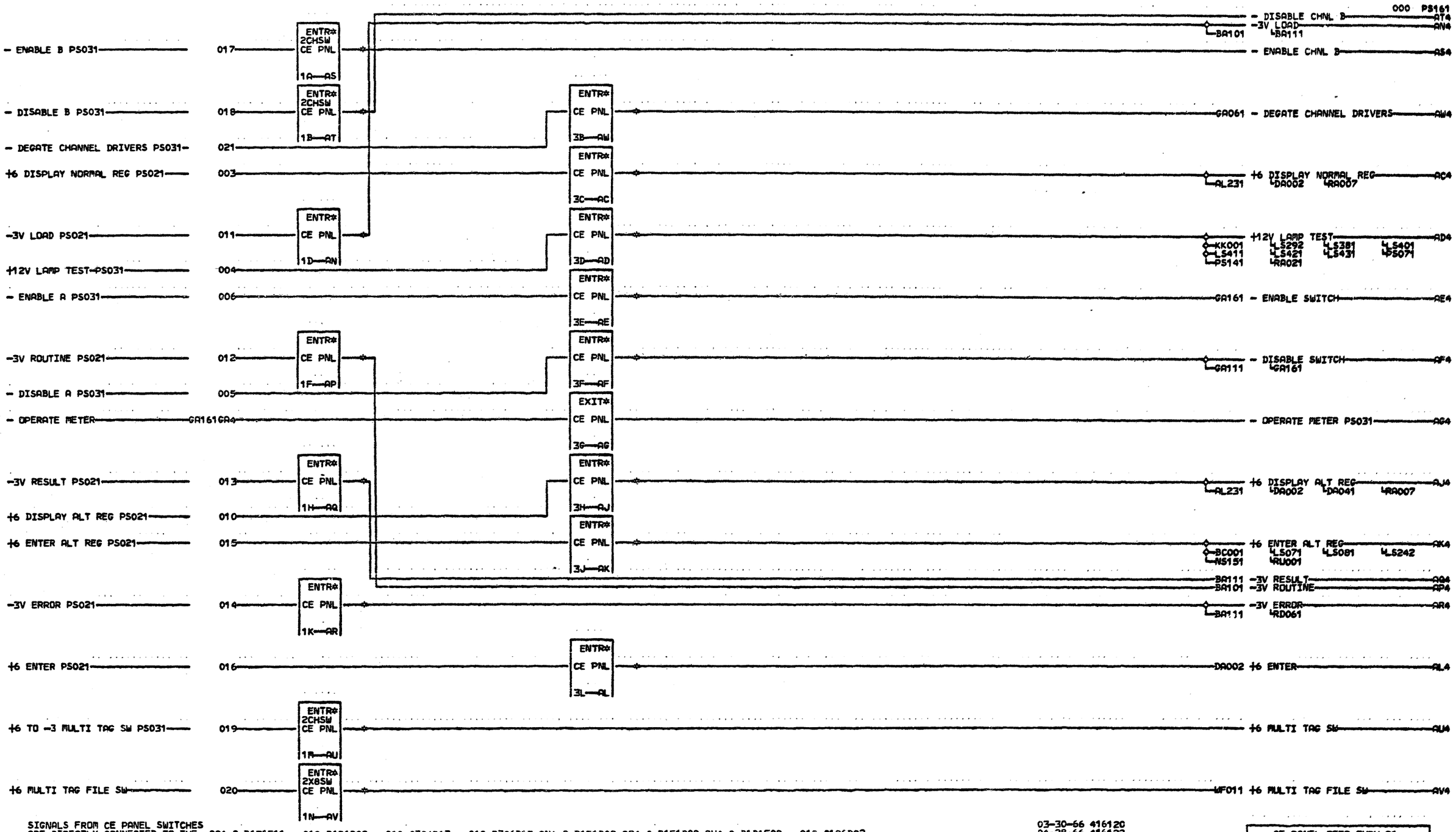
PS151 000

AL4 A-B1J1A11 AP4 A-B1J1C11 AS4 A-B1J1E11 AX4 A-C1H1B09 01A-C1A6D06
01A-B1C8A06 01A-B1C8C06 01A-B1C8E06 AY4 A-C1H1C11 01A-C3A3D06
01A-B2C1A11 01A-B2C1C11 01A-B2C1E11 AZ4 A-C1H1C09 BH4 A-C1A1E11
AM4 A-B1J1B11 AQ4 A-B1J1C09 AT4 A-B1J1E09 BA4 A-C1H1D09 01A-C1A6D05
01A-B1C8B06 01A-B1C8C04 01A-B1C8E04 BB4 A-C1H1E11 01A-C3A3D05
01A-B2C1B11 01A-B2C1C09 01A-B2C1E09 BC4 A-C1H1E09 BL4 A-C1J1B09
AN4 A-B1J1B09 AR4 A-B1J1D09 AU4 A-C1G1E09 BD4 A-C1J1A11 BM4 A-C1J1C09
01A-B1C8B04 01A-B1C8D04 AV4 A-C1H1A11 BE4 A-C1J1B11
01A-B2C1B09 01A-B2C1D09 AW4 A-C1H1B11 BG4 A-C1J1C11

CE PANEL FEED THRU A1

E.C. HISTORY	MACH.2314-FCU
416120	
416122	FRAME 01
416123	
416124	IBM CORP. GPD
DATE LAST EC	
08-02-67 420912	P.N. 2209498

PS151 000



SIGNALS FROM CE PANEL SWITCHES ARE DIRECTLY CONNECTED TO THE P SUPPLY VOLTAGES. USE CAUTION S IN THESE AREAS. 1 6 1

000

AC4 A-B1M1E11 01A-B1B1D09 01A-C3A4B13 01A-B3A6D13
01A-B1M1E11 01B-A1F1C11
01A-B1M8E04
01A-B2M1E09 01A-B1B2B13 01A-B2M1B11
AD4 A-B1M1E09 01A-B1A6D13 01A-B2N5B07 01B-A1G8A06
01A-B1M8C04 01A-C3A4D13 01A-C2A5B07 01B-A2G1A11
01A-B2M1C09
01A-B1N3B12 01A-B2D13 01A-B1A5D13 01A-B1K8E06
01A-C1A3B12 01A-B1A6B13 01A-B3A3D13 01A-B2K1E11

AJ4 A-B1E1B09
AE4 A-B1N1A09 01A-B1M8B06 01A-B1B1B11
AP4 A-B1F1C09
AF4 A-B1N1A11 AK4 A-B1E1C09 AL4 A-B1E1D09
01A-C2A6D13
01A-B1N6B04 01A-B1A2D02 01A-B1A3D13
01A-B3A7B04 01A-B2A2D02 AV4 A-B1F1E11
01A-B2F8B06 01A-B1A2B09
01A-B1N6B03 01A-B2F1B11 01A-B2A2B09
AS4 A-B1G1A11 01A-B2F8E06
AQ4 A-B1F1E09 01A-B1B2D11 01A-B3F1E11
01A-B1N6B05 AT4 A-B1G1A09 01A-B3N5B05
01A-B3A7B05 01A-B1B2B12 AW4 A-C1F1E11

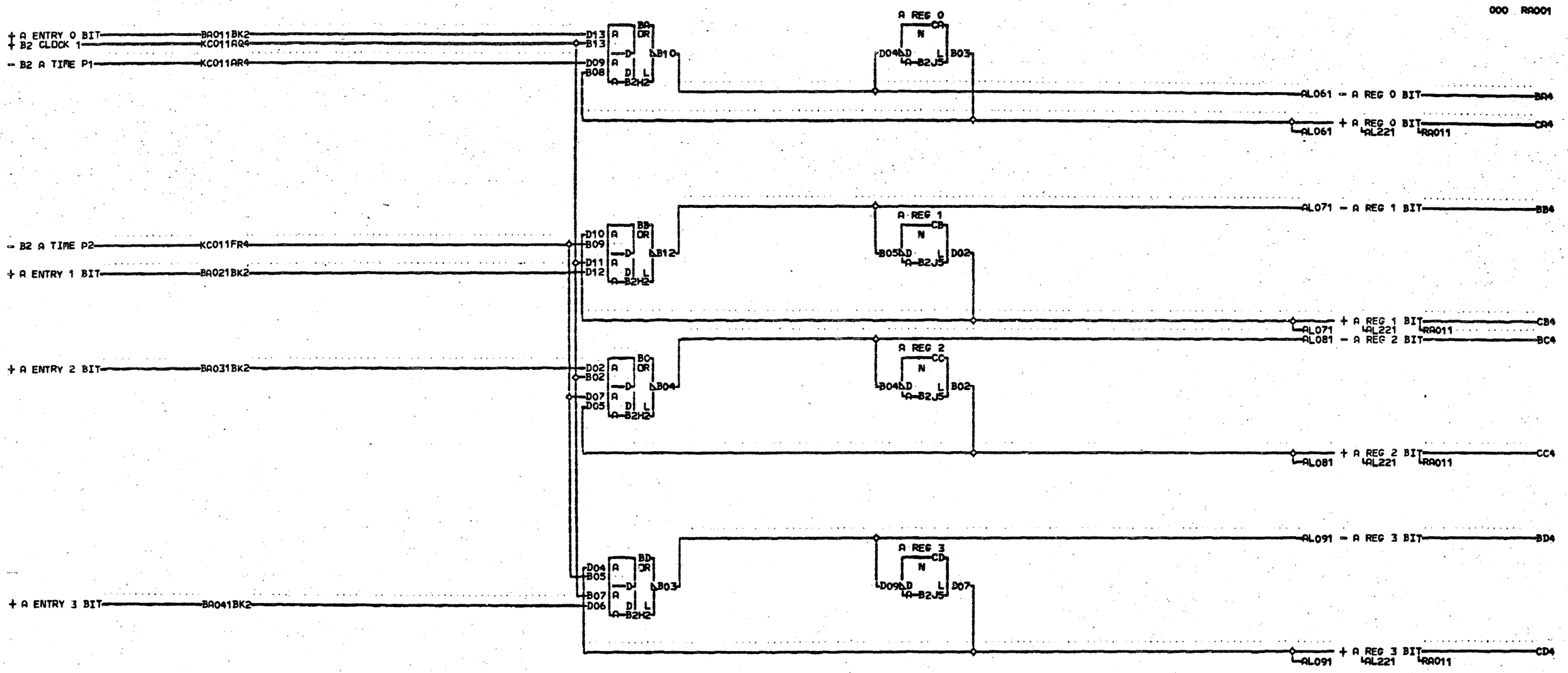
AR4 A-B1F1D09 AU4 A-B1D1E09 01A-C1A6D02
01A-B1A2D02 01A-B1A3D13 01A-C3A3D02
01A-B2A2D02 AV4 A-B1F1E11
01A-B2F8B06 01A-B1A2B09
01A-B1N6B03 01A-B2F1B11 01A-B2A2B09
AS4 A-B1G1A11 01A-B2F8E06
AQ4 A-B1F1E09 01A-B1B2D11 01A-B3F1E11
01A-B1N6B05 AT4 A-B1G1A09 01A-B3N5B05
01A-B3A7B05 01A-B1B2B12 AW4 A-C1F1E11

03-30-66 416120
04-28-66 416122
05-09-66 416123
06-08-66 416124
07-01-66 416125
03-27-67 420901
08-03-67 420912
10-14-68 420949

CE PANEL FEED THRU A1

DATE 10-31-68 MACH. 2314-FCU
LOG 295K FRAME 01
P.N. 2209499
IBM CORP. GPD BLK. AX

P S 1 6 1 000



LOC.	TYPE
A-B2H2	0141
A-B2J5	3308

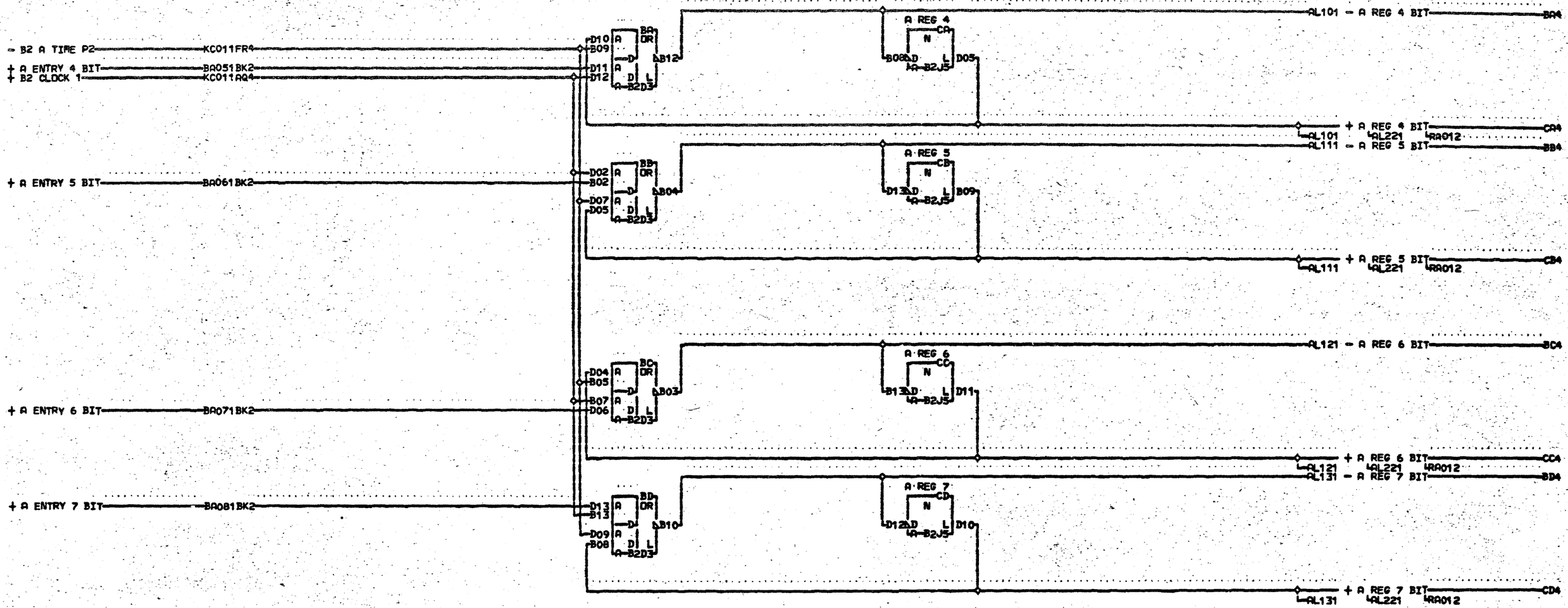
A REG BITS 0 THRU 3

E.C. HISTORY

DATE LAST EC
03-30-66 416120

MACH. 2314-FCU
FRAME 01
IBM CORP. SDD
P.N. 2209433

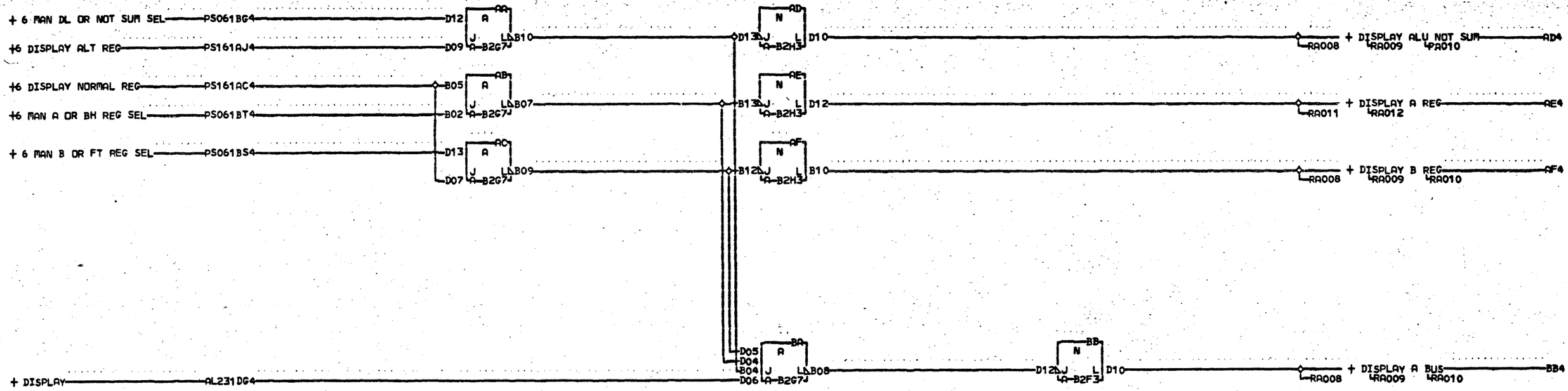
RA001 000



LOC. TYPE
A-B2D3 0141
A-B2J5 3308

A REG BITS 4 THRU 7	
E.C. HISTORY	MACH. 2314 FCU
	FRAME 01
	IBM CORP. SDD
DATE LAST EC	P.N. 2209517
03-30-66 416120	

RA002 000



LOC. TYPE
A-B2F3 0199
A-B2G7 0531
A-B2H3 3575

DISPLAY NOT SUM A-B REG-A BUS

—E.C.—HISTORY—

MACH.2314—FCU

FRAME 01

IBM CORP. SDD

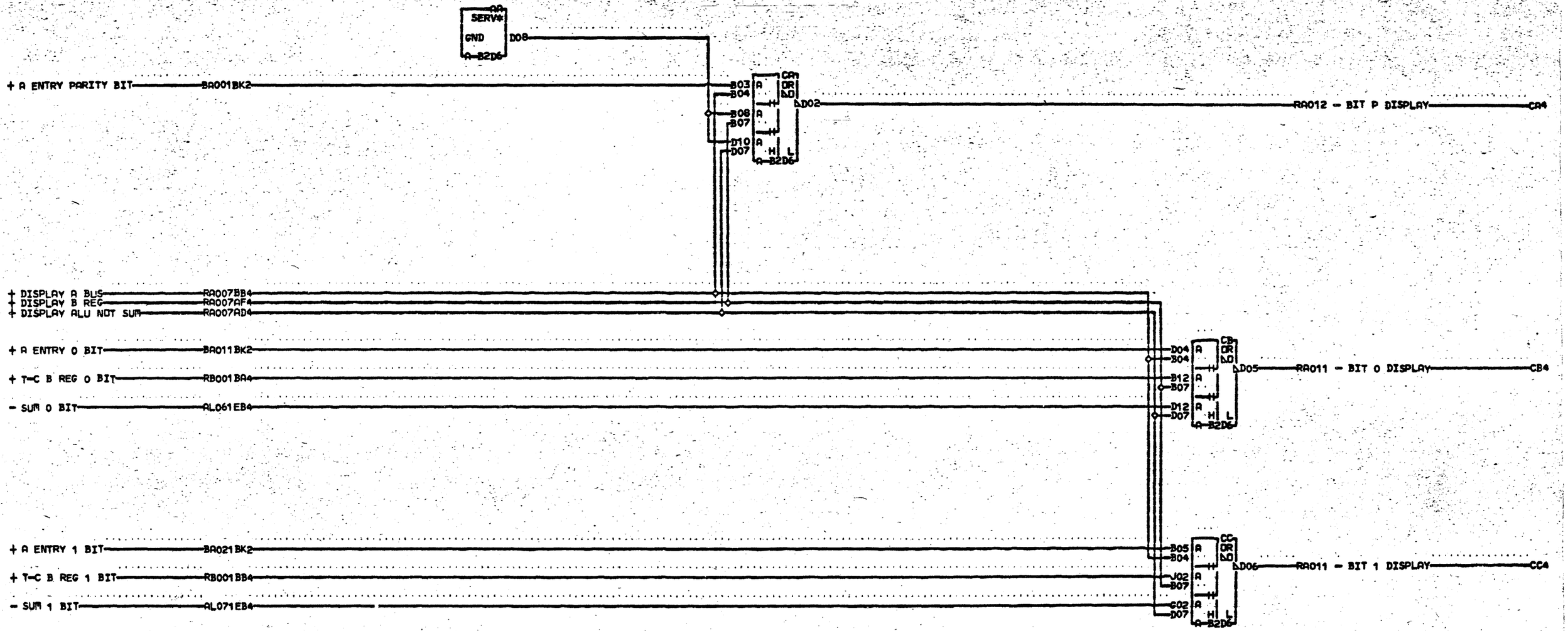
DATE LAST EC
04-06-66 416120

P.N. 2209482

RA007 000

RA007 000

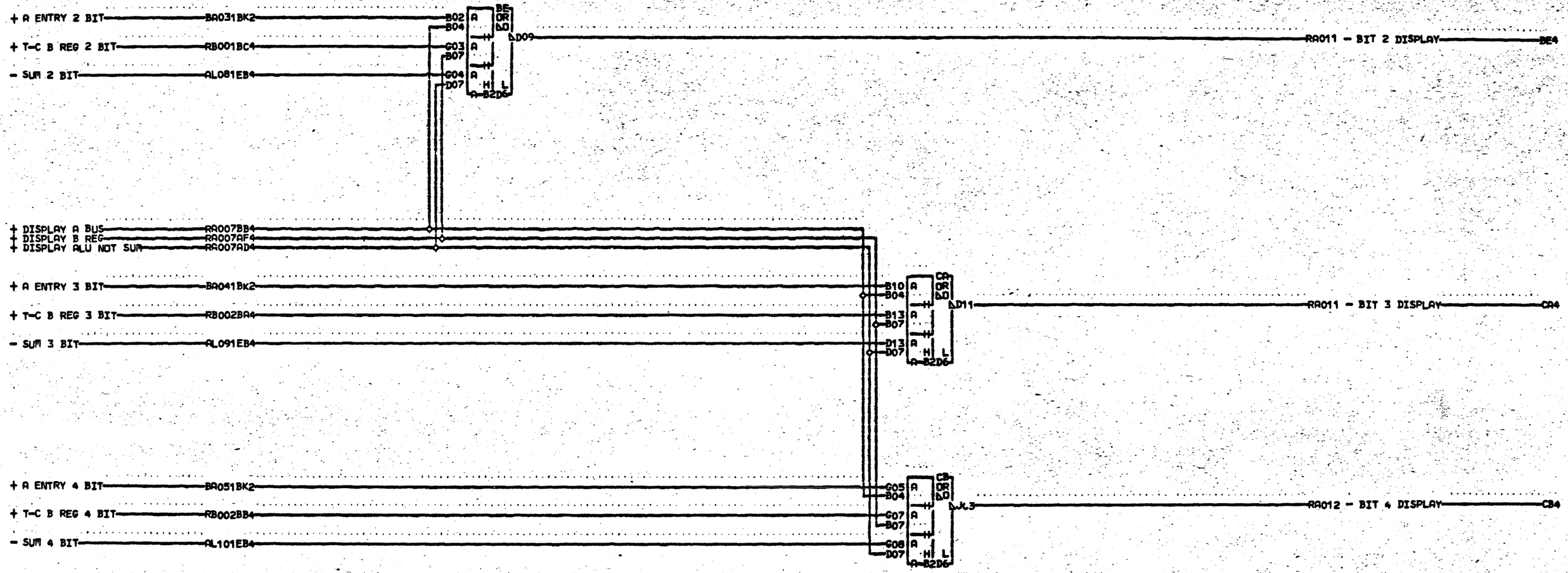
A



LOC. TYPE
A-B2D6 4280

DISPLAY ASSEM P 0 1 BITS		
E.C. HISTORY	RACM.2314-FCU	RA008
	FRAME 01	
	IBM CORP. SDD	
DATE LAST EC 04-06-66 416120	P.N. 2209483	000

RA008
000

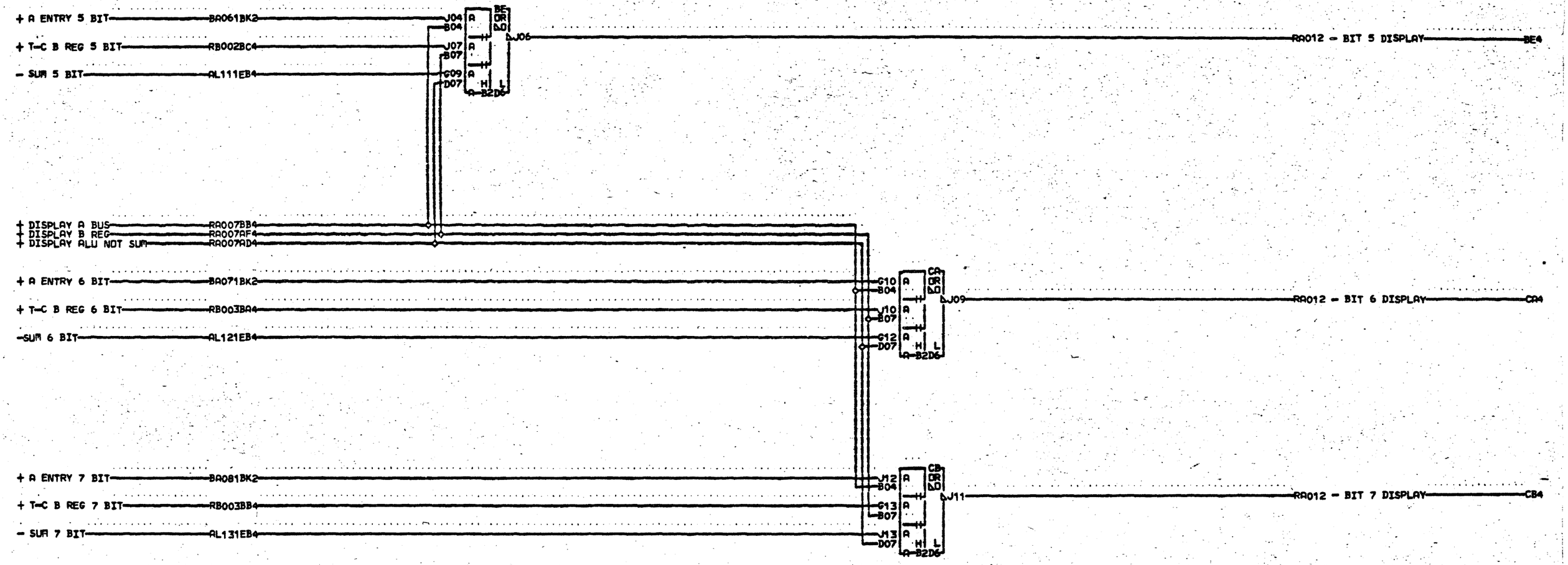


LOC. TYPE
A-B2D6 4280

DISPLAY ASSEM 2 3.4 BITS

E.C. HISTORY	RACH.2314-FCU	RA009
	FRAME 01	
DATE LAST EC	IBM CORP. SDD	000
04-06-66 416120	P.N. 2209484	

RA009
000



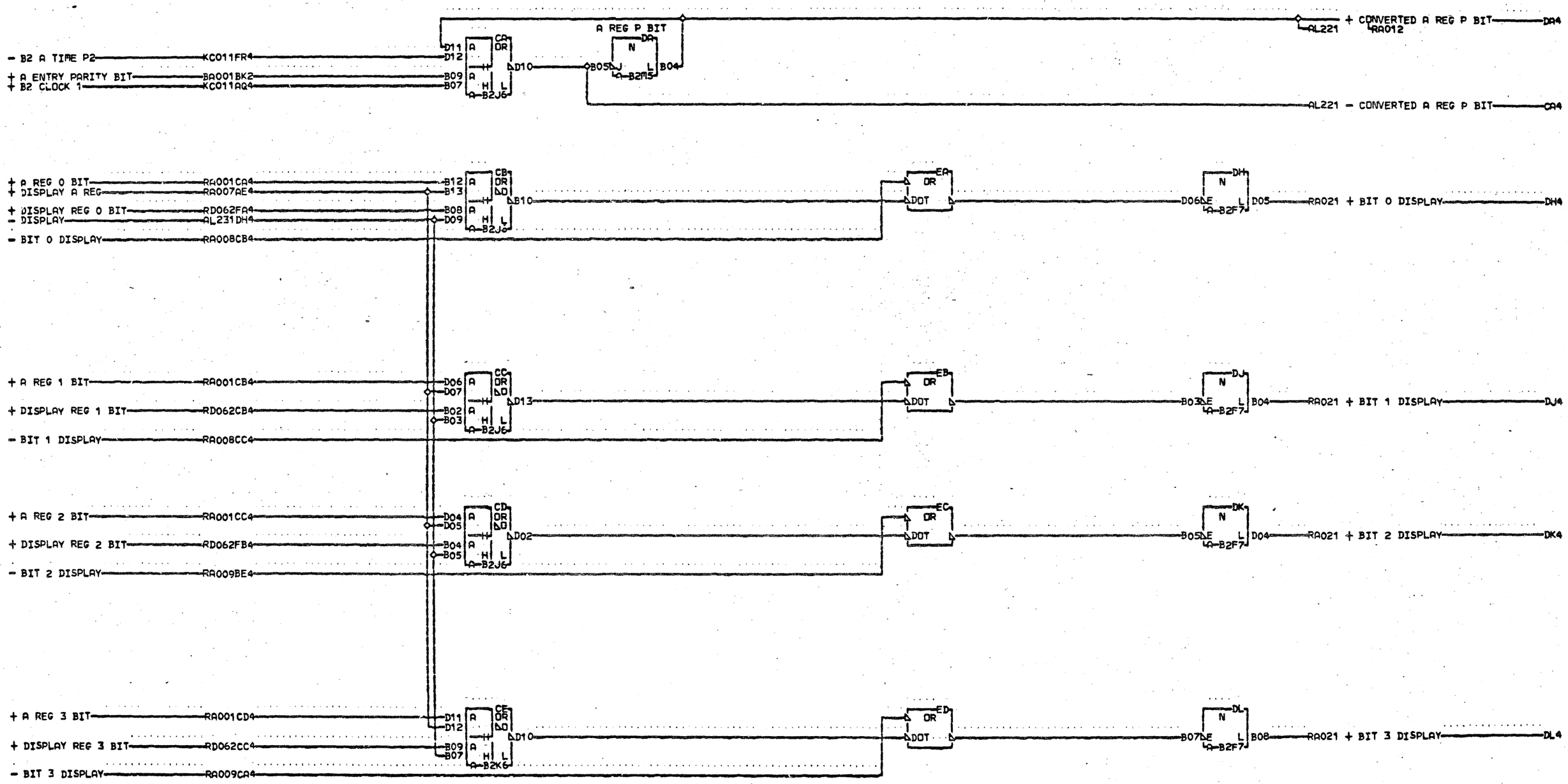
LOC. TYPE
A-B2D6 4280

RA010
000

DISPLAY ASSEM 5 6 7 BITS

E.C. HISTORY	MACH. 2314-FCU
	FRAME 01
	IBM CORP. SDD
DATE LAST EC	P.N. 2209485
04-06-66 416120	

RA010
000



LOC.	TYPE
A-B2F7	0359
A-B2J6	0006
A-B2K6	0006
A-B2M5	3575

A REG 10 TO 30 NS CONVERSION
PARITY AND BITS 1 THRU 3

E.C. HISTORY

MACH. 2314-FCU

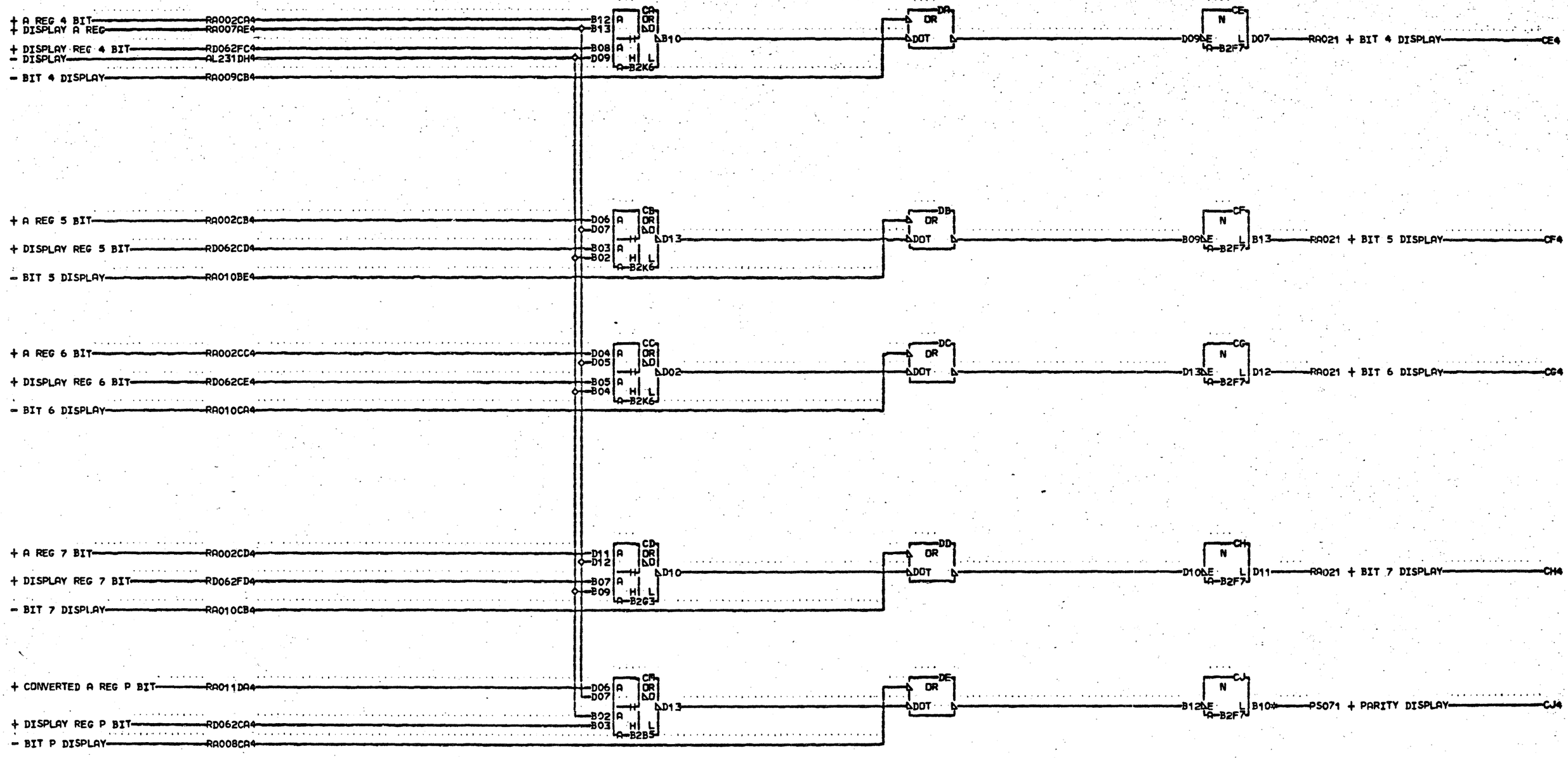
FRAME 01

IBM CORP. SDD

DATE LAST EC
04-06-66 416120

P.N. 2209434

RA011 000



CJ4 A-B2N3B03
01A-C1N7B03

LOC.	TYPE
A-B2B5	0006
A-B2F7	0359
A-B2G3	0006
A-B2K6	0006

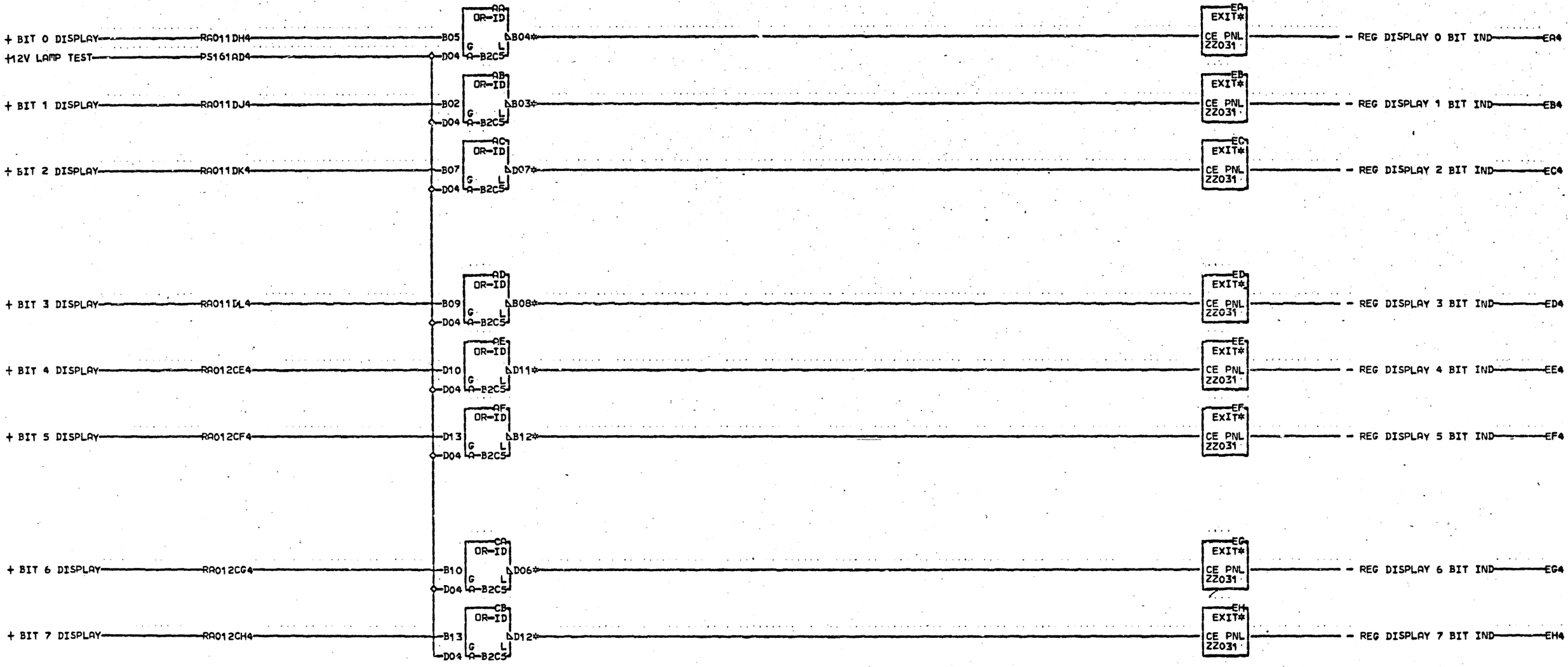
A REG 10 TO 30 NS CONVERSION
BITS 4 THRU 7

E.C. HISTORY

MACH.2314-FCU
FRAME 01
IBM CORP. SDD
P.N. 2209518

DATE LAST EC
03-30-66 416120

RA012 000



NOTE. MOST CE PANEL SIGNALS TERMINATE DIRECTLY TO POWER SUPPLY VOLTAGES. USE CAUTION IN THESE AREAS

R A 0 2 1

000

AA4 A-B2A1E09	AD4 A-B2B1B09	CA4 A-B2B1D09
01A-B1A8E04	01A-B1B8B04	01A-B1B8D04
01A-B1G1E09	01A-B1H1B09	01A-B1H1D09
AB4 A-B2B1A11	AE4 A-B2B1C11	CB4 A-B2B1E11
01A-B1B8A06	01A-B1B8C06	01A-B1B8E06
01A-B1H1A11	01A-B1H1C11	01A-B1H1E11
AC4 A-B2B1B11	AF4 A-B2B1C09	
01A-B1B8B06	01A-B1B8C04	
01A-B1H1B11	01A-B1H1C09	

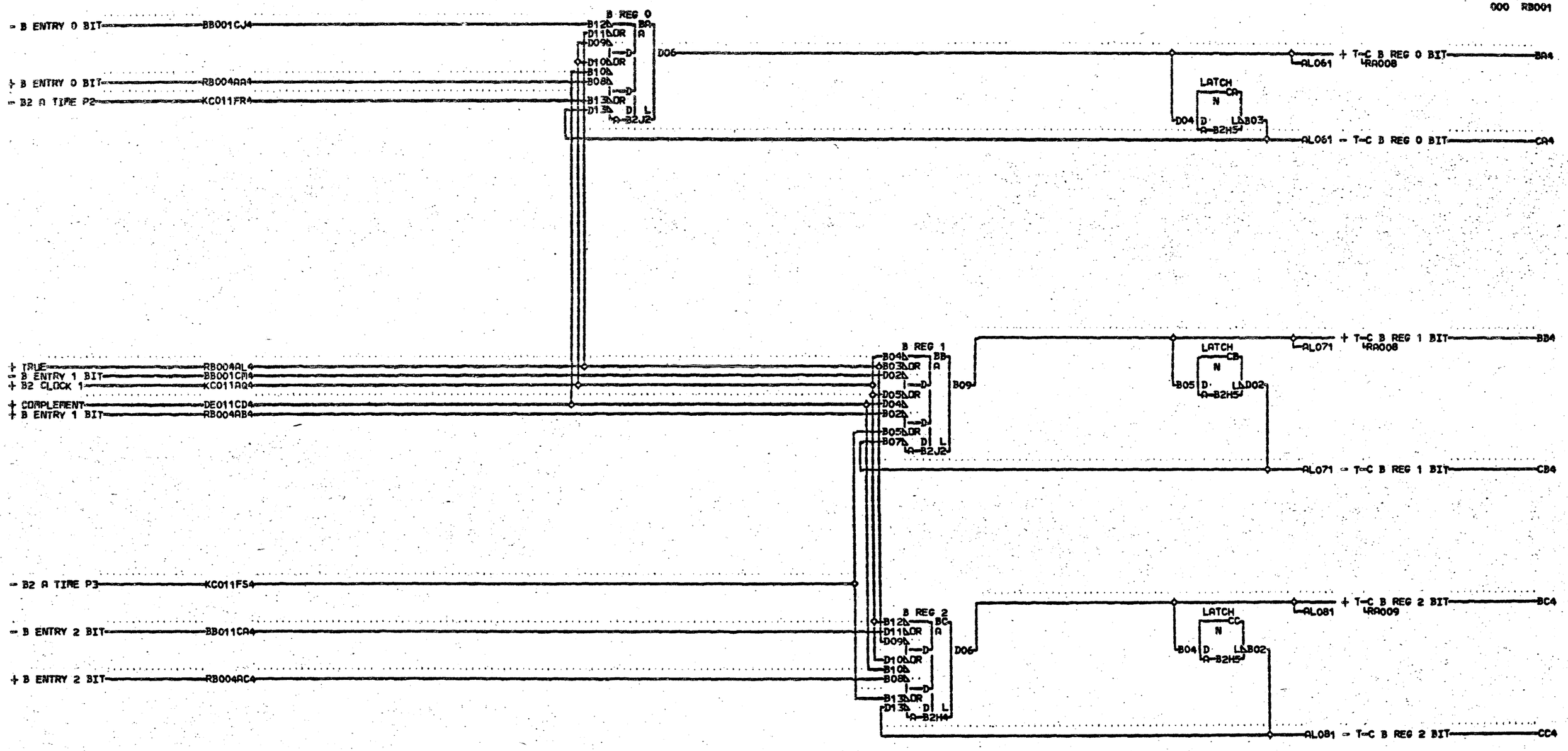
LOC. TYPE
A-B2C5 0730

A REGISTER INDICATOR DRIVERS

E.C. HISTORY
416120
416123

DATE LAST EC
08-03-67 420912

MACH.2314-FCU
FRAME 01
IBM CORP. GPD
P.N. 2209435



LOC.	TYPE
A-B2H4	0145
A-B2H5	3308
A-B2J2	0145

T-C B REG BITS 0 THRU 2

E.C. HISTORY

MACH. 2314-FCU

FRAME 01

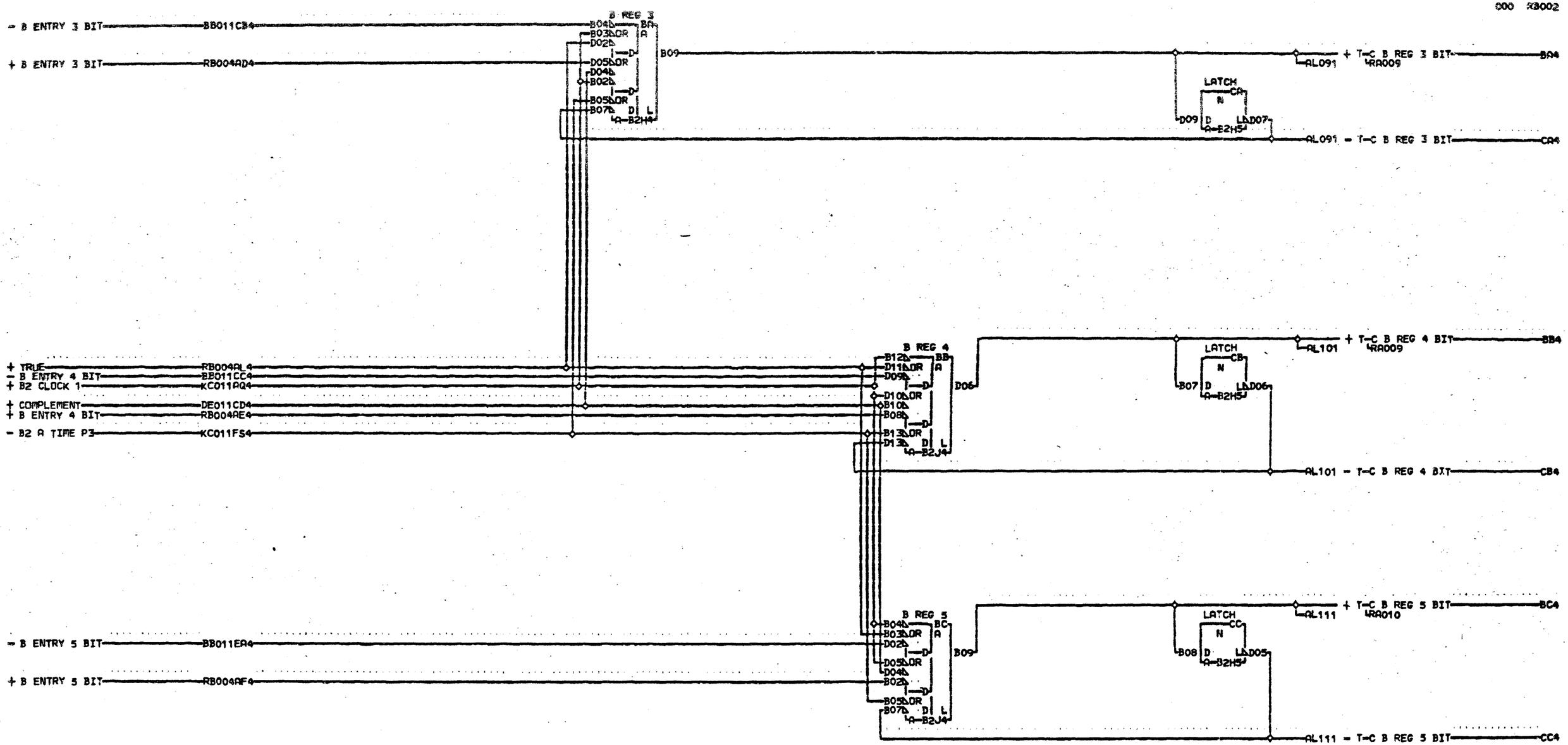
IBM CORP. SDD

DATE 03-30-66 LAST EC 416120

P.N. 2209436

RB001 000

RB001 000



LOC.	TYPE
A-B2H4	0145
A-B2H5	3308
A-B2J4	0145

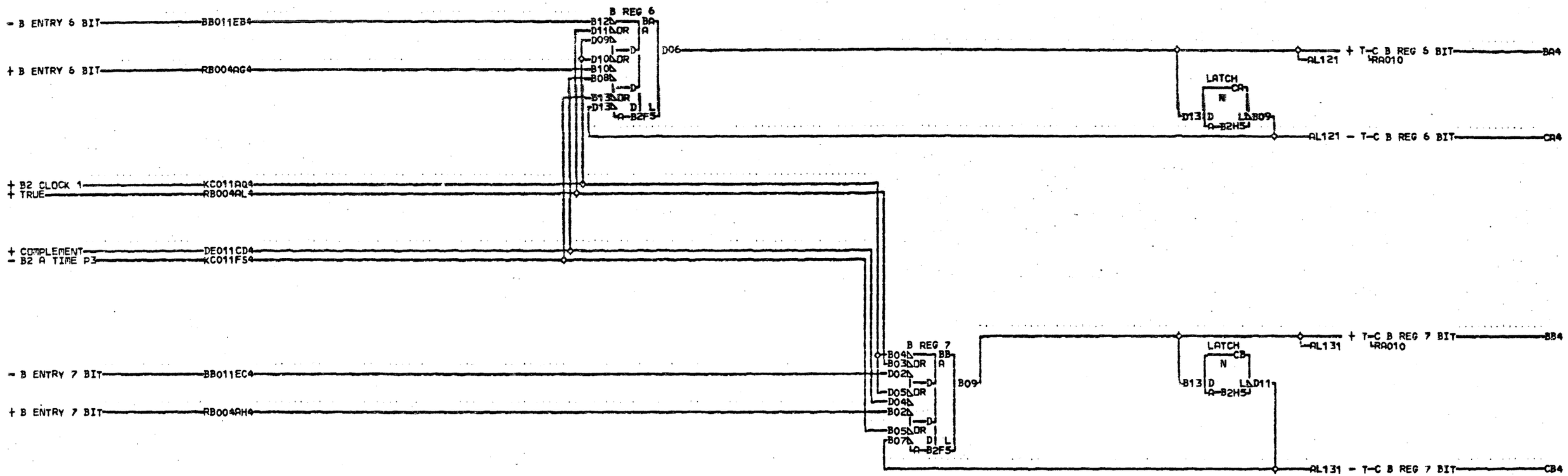
T-C B REG BITS 3 THRU 5

E.C.-HISTORY

DATE LAST EC
03-30-66 416120

MACH.2314-FCU
FRAME 01
IBM CORP. SDD
P.N. 2209519

RB002 000



LOC.	TYPE
A-B2F5	0145
A-B2H5	3308

T-C B REG BITS 6 AND 7

E.C.-HISTORY

DATE LAST EC
03.30.66 416120

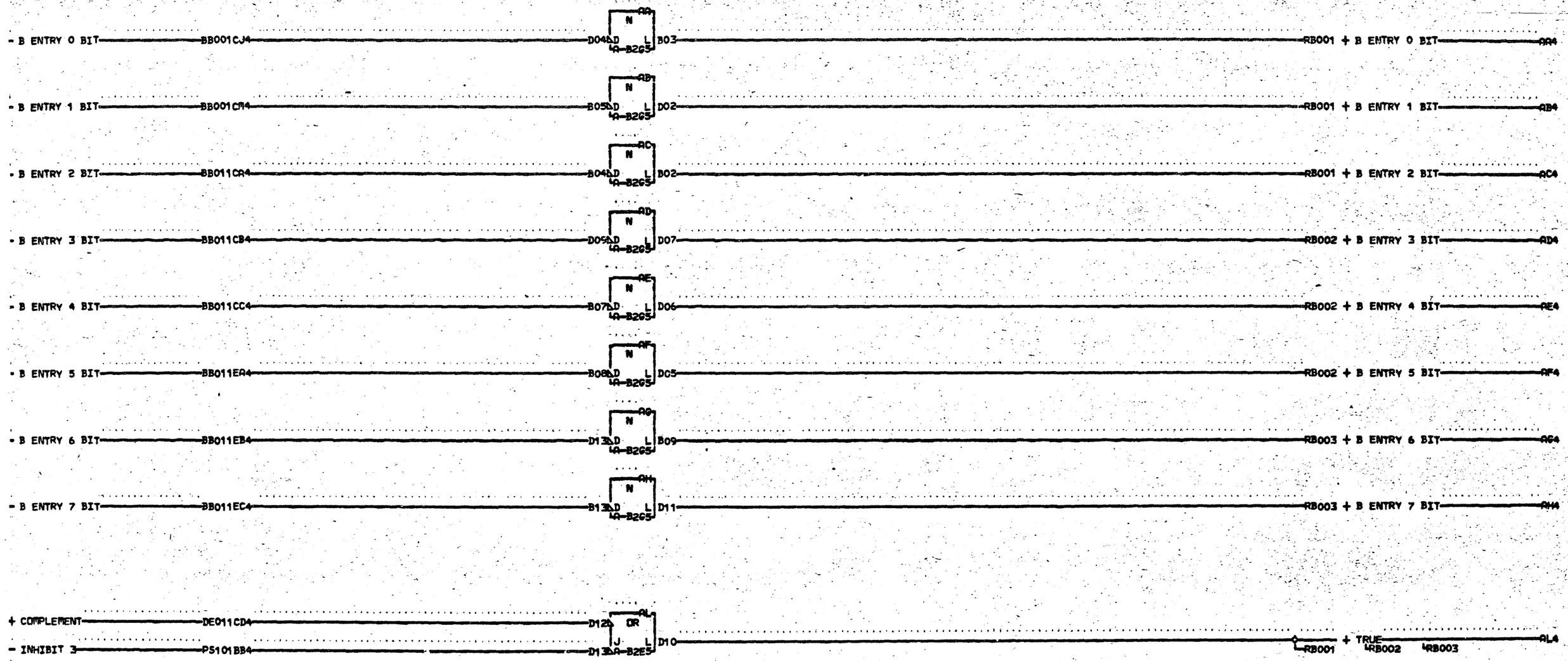
MACH.2314-FCU

FRAME 01

IBM CORP. SDD

P.N. 2209520

RB003 000



RB004
000

LOC.	TYPE
A-B2E5	0199
A-B2G5	3308

B ENTRY INVERSION AND YCV INVERSION

E.C. HISTORY

DATE 03-30-66 LAST EC 416120

MACH.2314-FCU

FRAME 01

IBM CORP. SDD

P.N. 2209521

RB004 000

- D BUS P BIT PWR 1 — AL141EA4
- FDR 0 BB 0 BIT UNEQUAL — BC011AA4
- D BUS 0 BIT PWR 1 — AL141EB4
- FDR 3 BB 3 BIT UNEQUAL — BC011AD4
- D BUS 3 BIT PWR 1 — AL161EA4
- FDR 1 BB 1 BIT UNEQUAL — BC011AB4
- D BUS 1 BIT PWR 1 — AL151EA4
- FDR 4 BB 4 BIT UNEQUAL — BC011AE4
- BX BURST GATE — BC001EB4
- BURST CHK LATCH — BC021CB4
- D BUS 4 BIT PWR 1 — AL161EB4
- FDR 2 BB 2 BIT UNEQUAL — BC011AC4
- D BUS 2 BIT PWR 1 — AL151EB4
- SET BX REG — BC031DA4
- FDR 5 BB 5 BIT UNEQUAL — BC011AF4
- D BUS 5 BIT PWR 1 — AL171EA4
- FDR 6 BB 6 BIT UNEQUAL — BC011AG4
- D BUS 6 BIT PWR 1 — AL171EB4
- FDR 7 BB 7 BIT UNEQUAL — BC011AH4
- D BUS 7 BIT PWR 1 — AL181EA4

+ BX REG P BIT — CA4 — BA091 — RB013
+ BX REG 0 BIT — CB4 — BA101 — RB013
+ BX REG 3 BIT — GA4 — BA131 — RB013
+ BX REG 1 BIT — CC4 — BA111 — RB013
+ BX REG 4 BIT — GB4 — BA141 — RB013
+ BX REG 2 BIT — CD4 — BA121 — RB013
+ BX REG 5 BIT — GC4 — BA151 — RB013
+ BX REG 6 BIT — GD4 — BA161 — RB013
+ BX REG 7 BIT — GE4 — BA171 — RB013

LOC. TYPE
A-B3B6 4067

BX ASSEM AND REG
E.C. HISTORY
MACH. 2314-FCU
FRAME 01
IBM CORP. SDD
P.N. 2209437
DATE 03-30-66 LAST EC 416120

RB011 000

+ BX REG P BIT — RB011CA4 — G03 D07 — CA OR — B02
+ CX REG P BIT — RC012CA4 — D13 B13 — CA OR — B02
CA OR: A, A, H, L — A-B3C6
B02 — P CA PH — B04 J L A-B3C6 — G02 — + BURST BUFFER P BIT — CA4

+ BX REG O BIT — RB011CB4 — B09 D07 — CB OR — D02
+ CX REG O BIT — RC012CB4 — M11 B13 — CB OR — D02
CB OR: A, A, H, L — A-B3C6
D02 — 0 CB PH — B04 J L A-B3C6 — D06 — BC011 + BURST BUFFER 0 BIT — CB4

+ BX REG 3 BIT — RB011GA4
+ BX BURST GATE — BC001EB4
+ CX REG 3 BIT — RC012GA4
+ CX BURST GATE — BC001EA4
G13 D07 — FA OR — J02
G12 B13 — FA OR: A, A, H, L — A-B3C6
J02 — 3 GA PH — B04 J L A-B3C6 — J13 — BC011 + BURST BUFFER 3 BIT — GA4

+ BX REG 1 BIT — RB011CC4 — B08 D07 — CC OR — B03
+ CX REG 1 BIT — RC012CC4 — D10 B13 — CC OR — B03
CC OR: A, A, H, L — A-B3C6
B03 — 1 CC PH — B04 J L A-B3C6 — D05 — BC011 + BURST BUFFER 1 BIT — CC4

+ BX REG 4 BIT — RB011GB4
+ CX REG 4 BIT — RC012GB4
J09 D07 — FB DR — D09
G05 B13 — FB DR: A, A, H, L — A-B3C6
D09 — 4 GB PH — G07 J L A-B3C6 — D12 — BC011 + BURST BUFFER 4 BIT — GB4

+ BX REG 2 BIT — RB011CD4 — B07 D07 — CD OR — B05
+ CX REG 2 BIT — RC012CD4 — D11 B13 — CD OR — B05
CD OR: A, A, H, L — A-B3C6
B05 — 2 CD PH — B04 J L A-B3C6 — D04 — BC011 + BURST BUFFER 2 BIT — CD4

+ SET BURST BUFFER REG — BC021EA4
+ BX REG 5 BIT — RB011GC4
+ CX REG 5 BIT — RC012GC4
G04 D07 — FC DR — B10
J04 B13 — FC DR: A, A, H, L — A-B3C6
B10 — 5 GC PH — G07 J L A-B3C6 — B12 — BC011 + BURST BUFFER 5 BIT — GC4

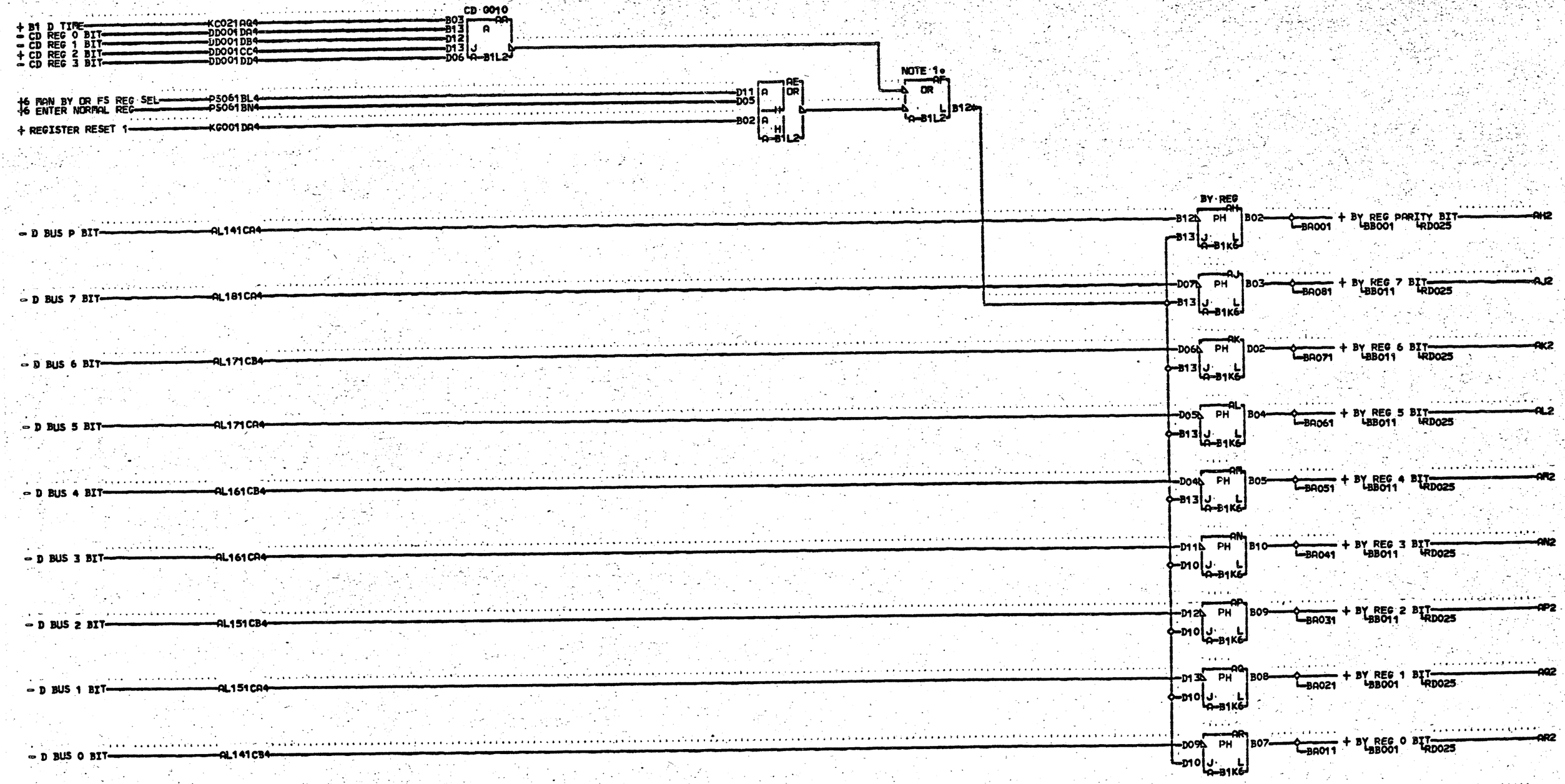
+ BX REG 6 BIT — RB011GD4
+ CX REG 6 BIT — RC012GD4
J12 D07 — FD DR — J05
J07 B13 — FD DR: A, A, H, L — A-B3C6
J05 — 6 GD PH — G07 J L A-B3C6 — J10 — BC011 + BURST BUFFER 6 BIT — GD4

+ BX REG 7 BIT — RB011GE4
+ CX REG 7 BIT — RC012GE4
G10 D07 — FE DR — J06
G09 B13 — FE DR: A, A, H, L — A-B3C6
J06 — 7 GE PH — G07 J L A-B3C6 — G08 — BC011 + BURST BUFFER 7 BIT — GE4

LDC. TYPE
A-B3C6 4067

RB013
000

BURST BUFFER ASSEM AND REG
E.C. HISTORY
DATE 03-30-66 LAST EC 416120
ARCH. 2314-FCU
FRAME 01
IBM CORP. SDD
P.No. 2209506
RB013 000



NOTE 1. INTERNAL WIRING ON PINS B02◊ B03◊ D05◊ D06. SEE RB011◊ RG001.

AF4 RESISTOR A-B1L2B12

LOC.	TYPE
A-B1K6	4007
A-B1L2	3572

BY REGISTER

E.C. HISTORY

MACH. 2314-FCU

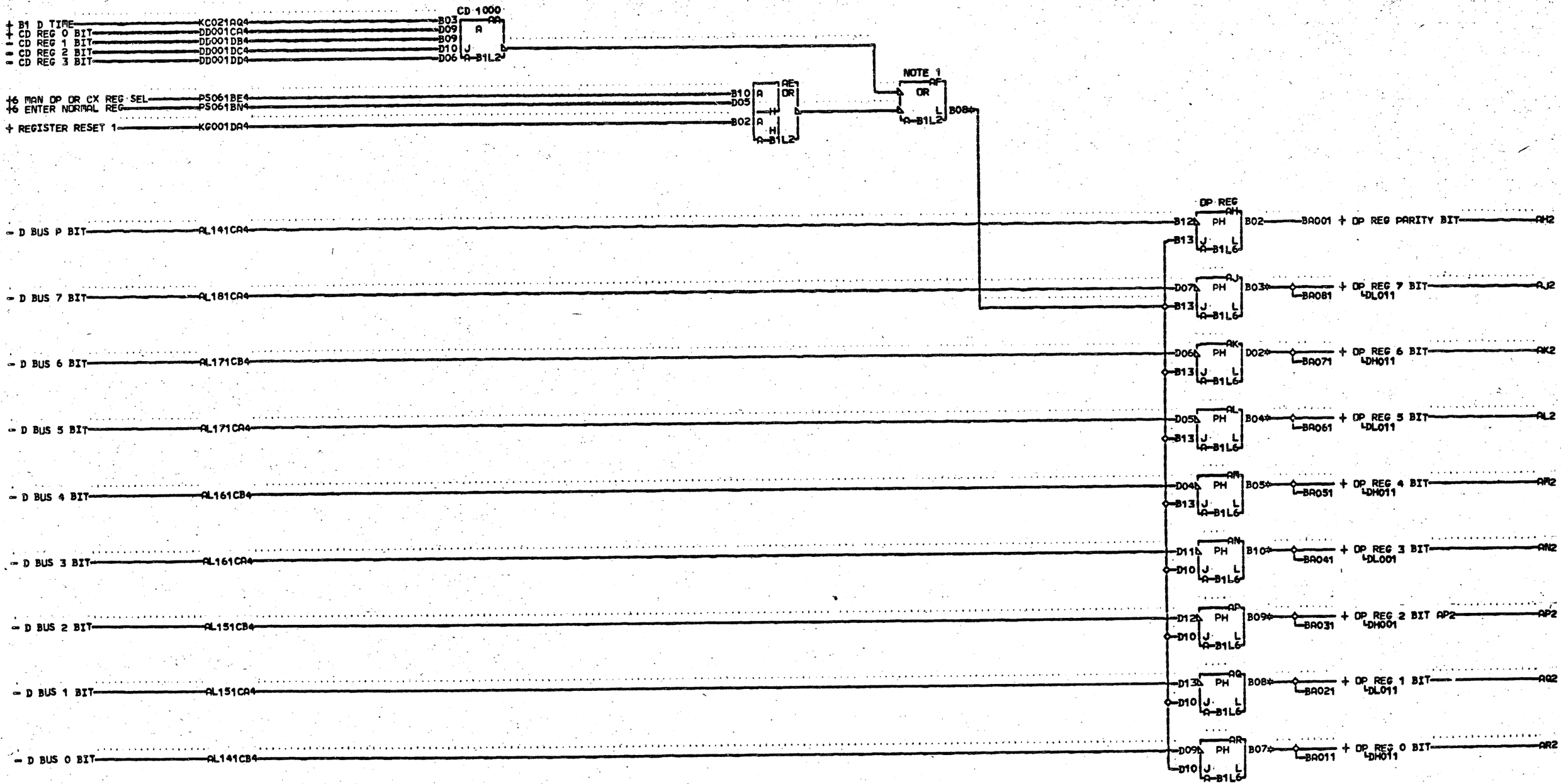
FRAME 01

IBM CORP. GPD

P.N. 2209438

DATE 03-30-66 LAST EC 416120

RB021 000



NOTE 1. INTERNAL WIRING ON PINS
R B02◇ B03◇ D05◇ D06.
C SEE RD011◇ RU001.
0
0
1
000

AF4 RESISTOR	01A-C1A4D04		
A-B1L2B08	AN2	A-B1N4B05	
AJ2 A-B1N4D02		01A-C1A4B05	
01A-C1A4D02	AP2	A-B1N4D03	
AK2 A-B1N4B03		01A-C1A4D05	
01A-C1A4B03	AQ2	A-B1N4D06	
AL2 A-B1N4B04		01A-C1A4D06	
01A-C1A4B04	AR2	A-B1N4B07	
AM2 A-B1N4D04		01A-C1A4B07	

LOC.	TYPE
A-B1L2	3572
A-B1L6	4007

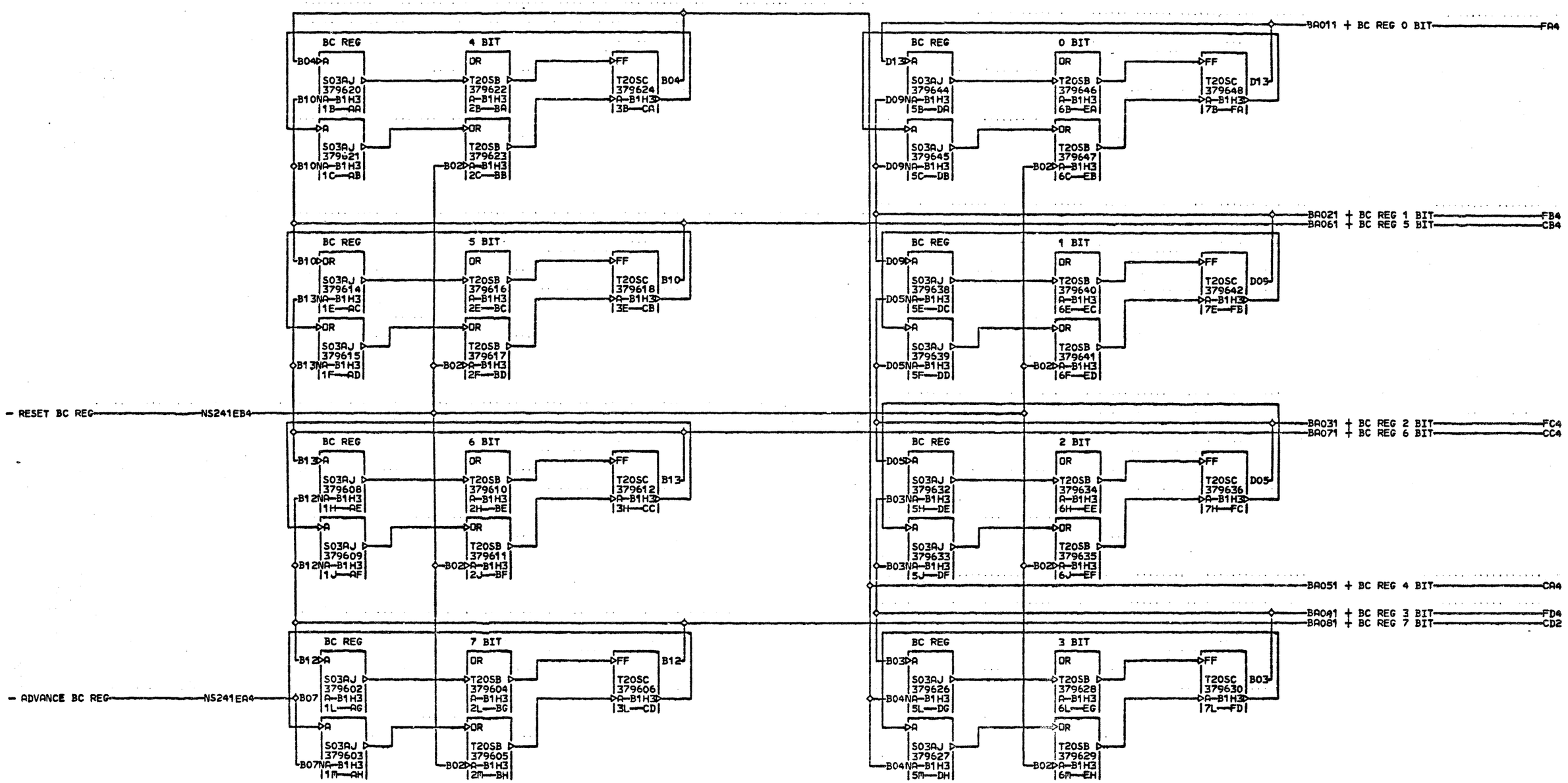
OP REGISTER

E.C. HISTORY

DATE LAST EC
03-30-66 416120

MACH. 2314-FCU
FRAME 01
IBM CORP. GPD
P.N. 2209439

RC001 000



10-31-68 420949

BC REGISTER 8 BIT BINARY COUNTER		
DATE 10-31-68 MACH. 2314-FCU		RC011
LOG 305M FRAME 01		
P.N. 2261324		000
IBM CORP. SDD BLK. FF		

RC011
000

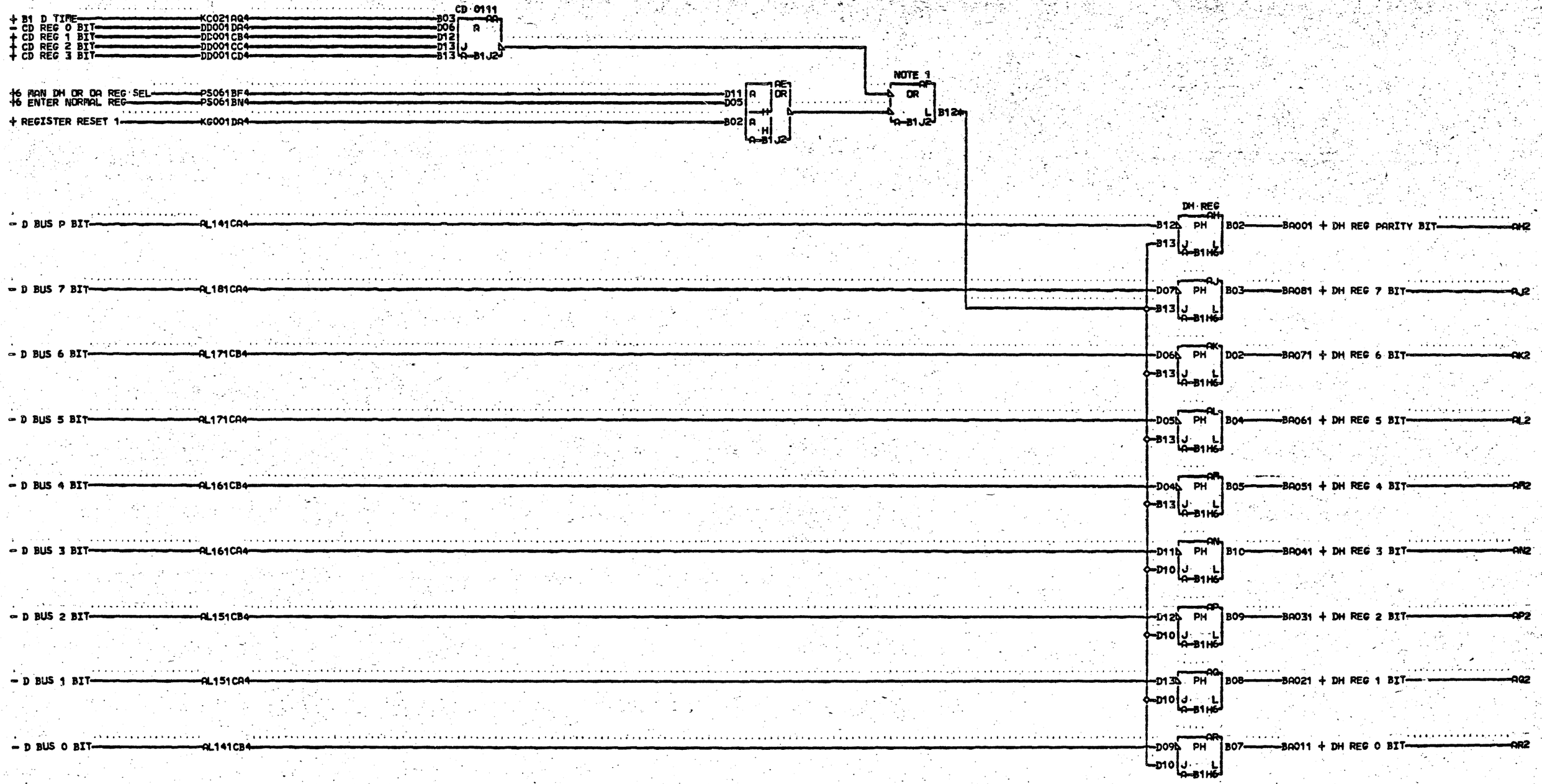
+ D BUS P BIT PWR 1 — AL141EA4
+ FDR 0 BB 0 BIT UNEQUAL — BC011AA4
+ D BUS 0 BIT PWR 1 — AL141EB4
+ FDR 3 BB 3 BIT UNEQUAL — BC011AD4
+ D BUS 3 BIT PWR 1 — AL161EA4
+ FDR 1 BB 1 BIT UNEQUAL — BC011AB4
+ D BUS 1 BIT PWR 1 — AL151EA4
+ FDR 4 BB 4 BIT UNEQUAL — BC011AE4
+ CX BURST GATE — BC001EA4
= BURST CHK LATCH — BC021CB4
+ D BUS 4 BIT PWR 1 — AL161EB4
+ FDR 2 BB 2 BIT UNEQUAL — BC011AC4
+ D BUS 2 BIT PWR 1 — AL151EB4
+ SET CX REG — BC031DB4
+ FDR 5 BP 5 BIT UNEQUAL — BC011AF4
+ D BUS 5 BIT PWR 1 — AL171EA4
+ FDR 6 BB 6 BIT UNEQUAL — BC011AG4
+ D BUS 6 BIT PWR 1 — AL171EB4
+ FDR 7 BB 7 BIT UNEQUAL — BC011AH4
+ D BUS 7 BIT PWR 1 — AL181EA4

+ CX REG P BIT — CA4 — BA091
+ CX REG 0 BIT — CB4 — BA101
+ CX REG 3 BIT — GA4 — BA131
+ CX REG 1 BIT — CC4 — BA111
+ CX REG 4 BIT — GB4 — BA141
+ CX REG 2 BIT — CD4 — BA121
+ CX REG 5 BIT — GC4 — BA151
+ CX REG 6 BIT — GD4 — BA161
+ CX REG 7 BIT — GE4 — BA171

LOC. TYPE
A-B3C4 4067

RC012
000

CX ASSEM AND REG
E.C. HISTORY 416120
MACH. 2314-FCU
FRAME 01
IBM CORP. SDD
P.N. 2209507
DATE 04-14-66 LAST EC 416121
RC012 000



NOTE 1. INTERNAL WIRING ON PINS B02Ø B03Ø D05Ø D06. SEE RF001Ø RK001.

AF4 RESISTOR A-B1J2B12

LOC. TYPE
A-B1H6 4007
A-B1J2 3572

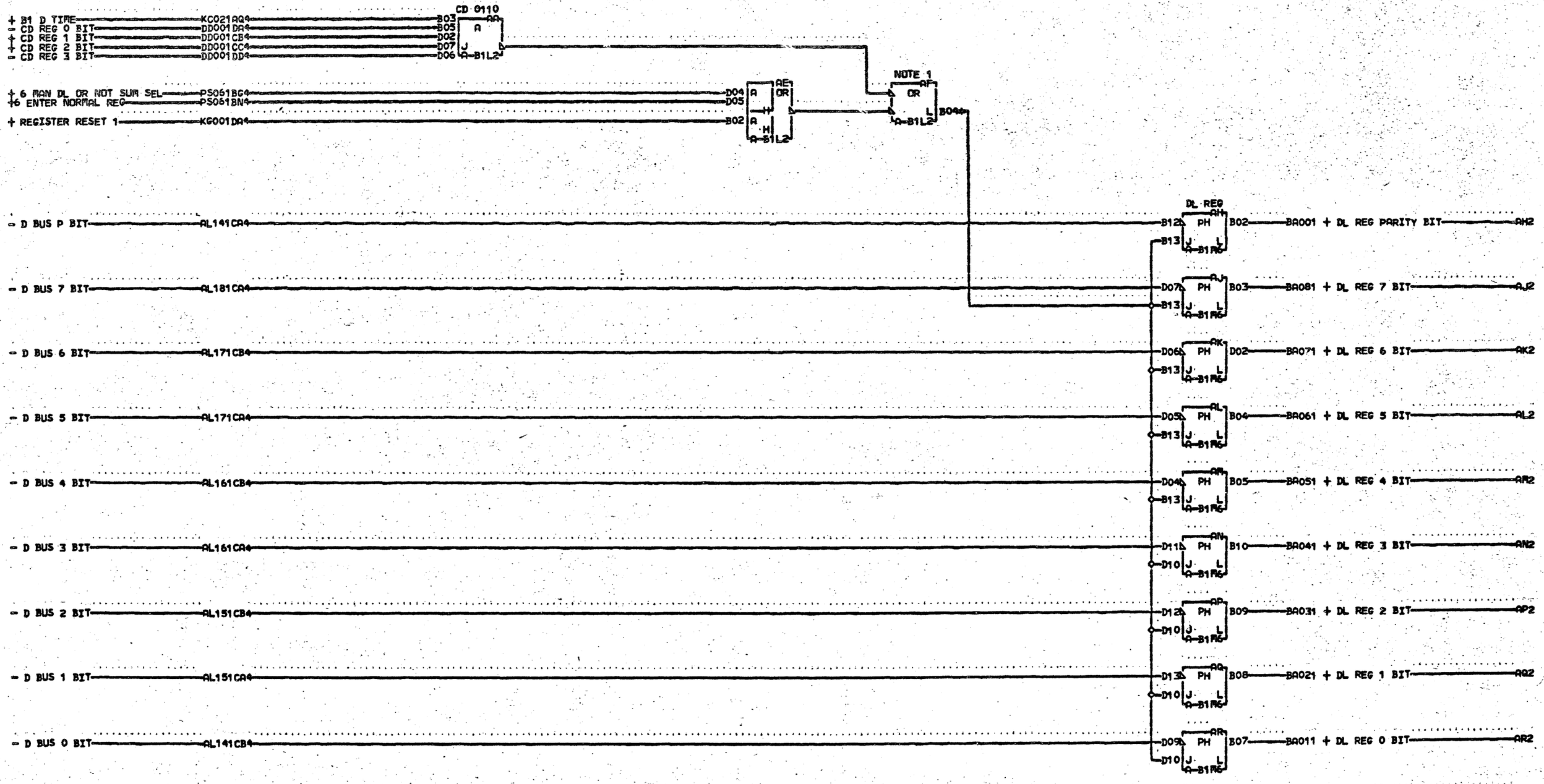
DH REGISTER

E.C. HISTORY

MACH. 2314-FCU
FRAME 01
IBM CORP. GPD
P.N. 2209440

DATE LAST EC
03-30-66 416120

RD001 000



NOTE 1. INTERNAL WIRING ON PINS B020, B030, D050, D06. SEE RC001, RU 001.

AF4 RESISTOR A-B1L2B04

LOC.	TYPE
A-B1L2	3572
A-B1M6	4007

DL REGISTER		
E.C. HISTORY	MACH. 2314-FCU	RD011
	FRAME 01	
	IBM CORP. GPD	000
DATE LAST EC 03-30-66 416120	P.N. 2209441	

RD011

000

+ DR-BY LATCH — GA131EM4
+6 ENTER NORMAL REG — PS061BN4 — B04 — FB A J KB02 A-B1H5
- SET BY INTO DW — GA141DJ4
+ CD REG 3 BIT — DD001CD4
+ B1 D TIME — KC021AQ4
+ B3 D TIME — KC081BC4
+ CD REG 0 BIT — DD001CA4
+ REGISTER RESET 2 — KG001DB4
+ CD REG 2 BIT — DD001CC4
- CD REG 1 BIT — DD001DB4
+6 MAN DW OR BL REG SEL — PS061BB4
+ CD REG 1 BIT — DD001CB4
- CD REG 2 BIT — DD001DC4
- CD REG 3 BIT — DD001DD4
- CD REG 0 BIT — DD001DA4
- GATE IH TO DR — GA135DA4
- GATE FDR TO DR — NS161DD4

FA N J L B05 A-B1D2 D04
FB A J KB02 A-B1H5
FC N B13 J L D13 A-B1D2
FD OR H L B08 B04 A-B1H2 D05
AA A J L B10 D12 B12 D11 D09 A-B1E7
AB A J B03 B05 D02 D07 D06 A-B1G2
AC A J L B07 B05 B03 D02 B02 A-B1E7
AD A J L B08 D05 D04 B04 D06 A-B1E7
AE A J L B04 D03 A-B1E7
AF A J L B04 D05 A-B3H2
AG A J L D04 B03 A-B3H2
BA OR J L D10 D13 D12 A-B1D3
BB OR A H A H B02 A-B1G2
BC N J L B02 D02 A-B3D3
BD N J L B12 D07 A-B3F4
CA N J L D12 B04 A-B1D3
CB N J L D11 B12 A-B1D2
CD A J L B04 D02 D12 A-B3D6
DA N J L B09 D09 A-B1F2
DC OR L B04 A-B1G2
EB N J L B04 B05 A-B1F2

RD025 + GATE D BUS TO DW — BA4
RD025 + GATE BY TO DW — DA4
RD025 + ENTER GP GL REG — FA4
RG001 — RG011
RD025 + SET DW REGISTER — DC4
RD041 + GATE IH TO DR — BC4
NS151 - SET IH INTO DR — CD4
GA135 + CD DECODE EQUALS DR — EB4
GA131 + CD DECODE EQUALS BY — CB4
RD041 + GATE D BUS TO DR — BD4

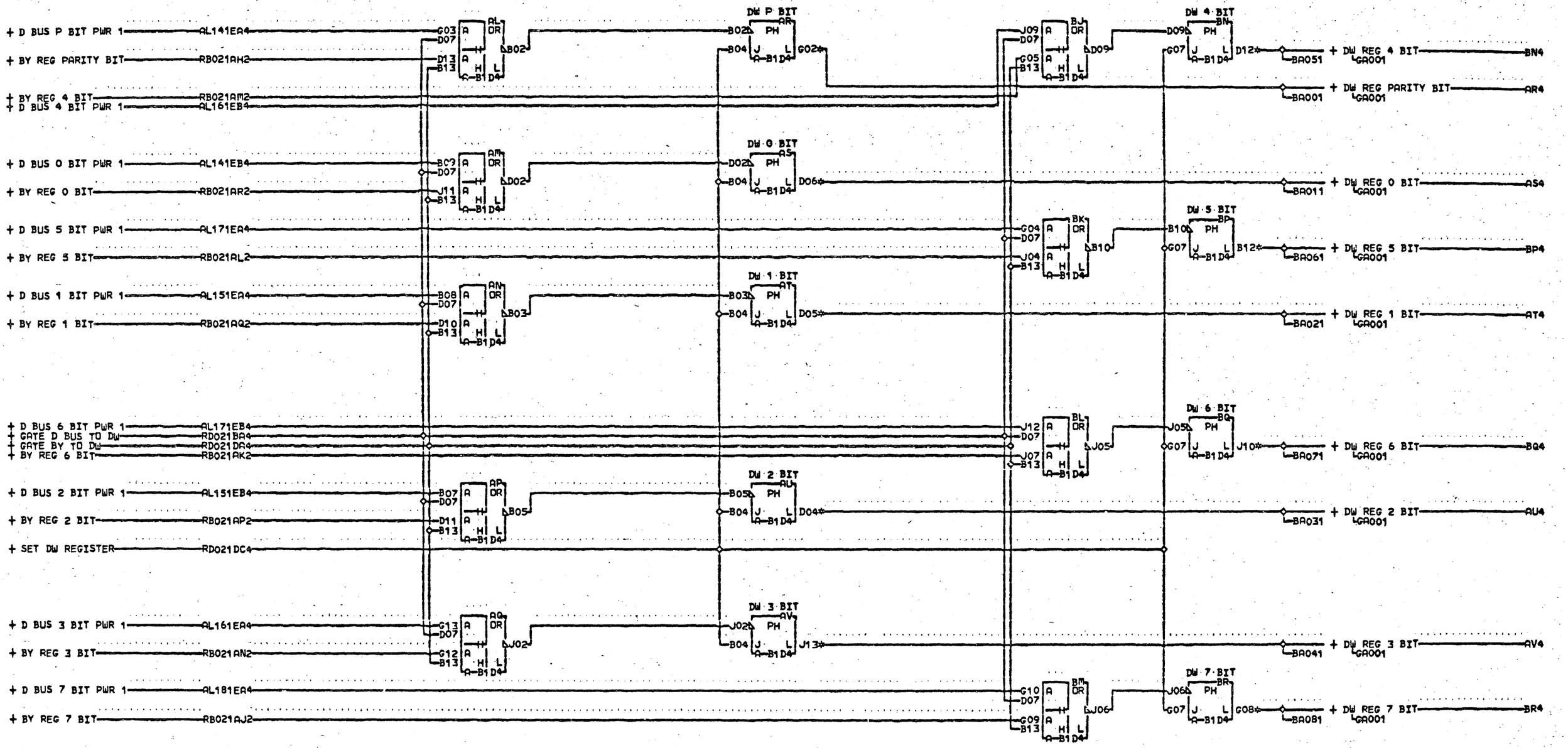
R D 0 2 1 000

CB4 A-C3A5D10
01A-B1A3D10
CD4 A-B3A6B09
01A-C2A6B09
DC4 RESISTOR
A-B1G2B04
EB4 A-B1A3D11
01A-C3A5D11

LOC.	TYPE	LOC.	TYPE
A-B1D2	3016	A-B3F4	0346
A-B1D3	0199	A-B3H2	0000
A-B1E7	0531		
A-B1F2	3575		
A-B1G2	3572		
A-B1H2	0007		
A-B1H5	0238		
A-B3D3	0199		
A-B3D6	0212		

DW REGISTER
SET PULSE AND DATA GATING
E.C. HISTORY — MACH.2314 — FCU
416120
FRAME 01
IBM CORP. GPD
DATE LAST EC
08-30-66 416126
P.N. 2209442

R D 0 2 1 000



R D025 000

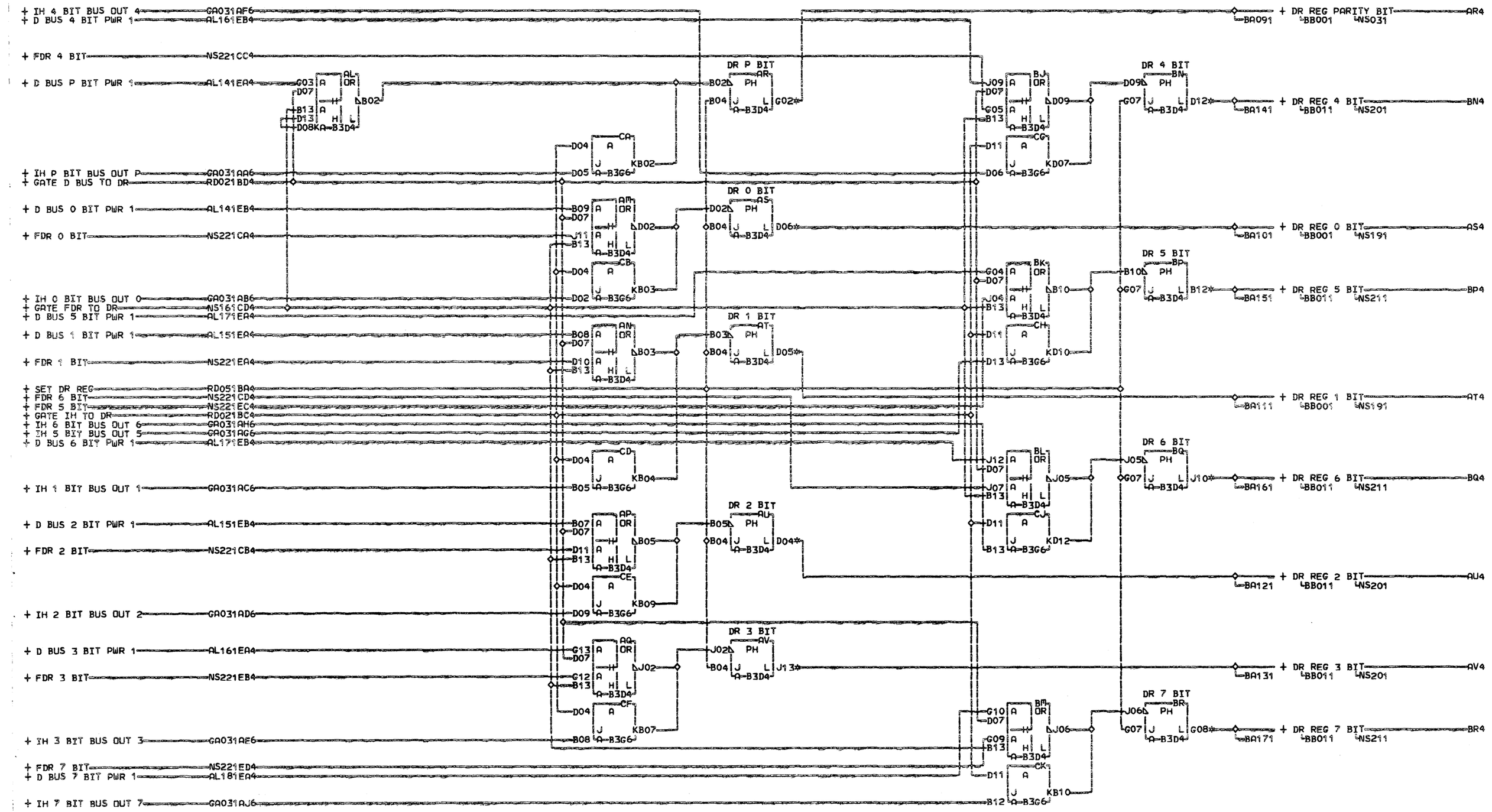
AR4 A-B1A6D02 01A-C3A4D05
01A-C3A4D02 BN4 A-B1A6B05
AS4 A-B1A6D07 01A-C3A4B05
01A-C3A4D07 BP4 A-B1A6D04
AT4 A-B1A6B07 01A-C3A4D04
01A-C3A4B07 BQ4 A-B1A6B04
AU4 A-B1A6D06 01A-C3A4B04
01A-C3A4D06 BR4 A-B1A6B03
AV4 A-B1A6D05 01A-C3A4B03

LOC. TYPE
A-B1D4 4067

DW ASSEM AND REG

E.C. HISTORY	MACH. 2314-FCU
	FRAME 01
	IBM CORP. GPD
DATE LAST EC 03-30-66 416120	P.N. 2209460

R D025 000

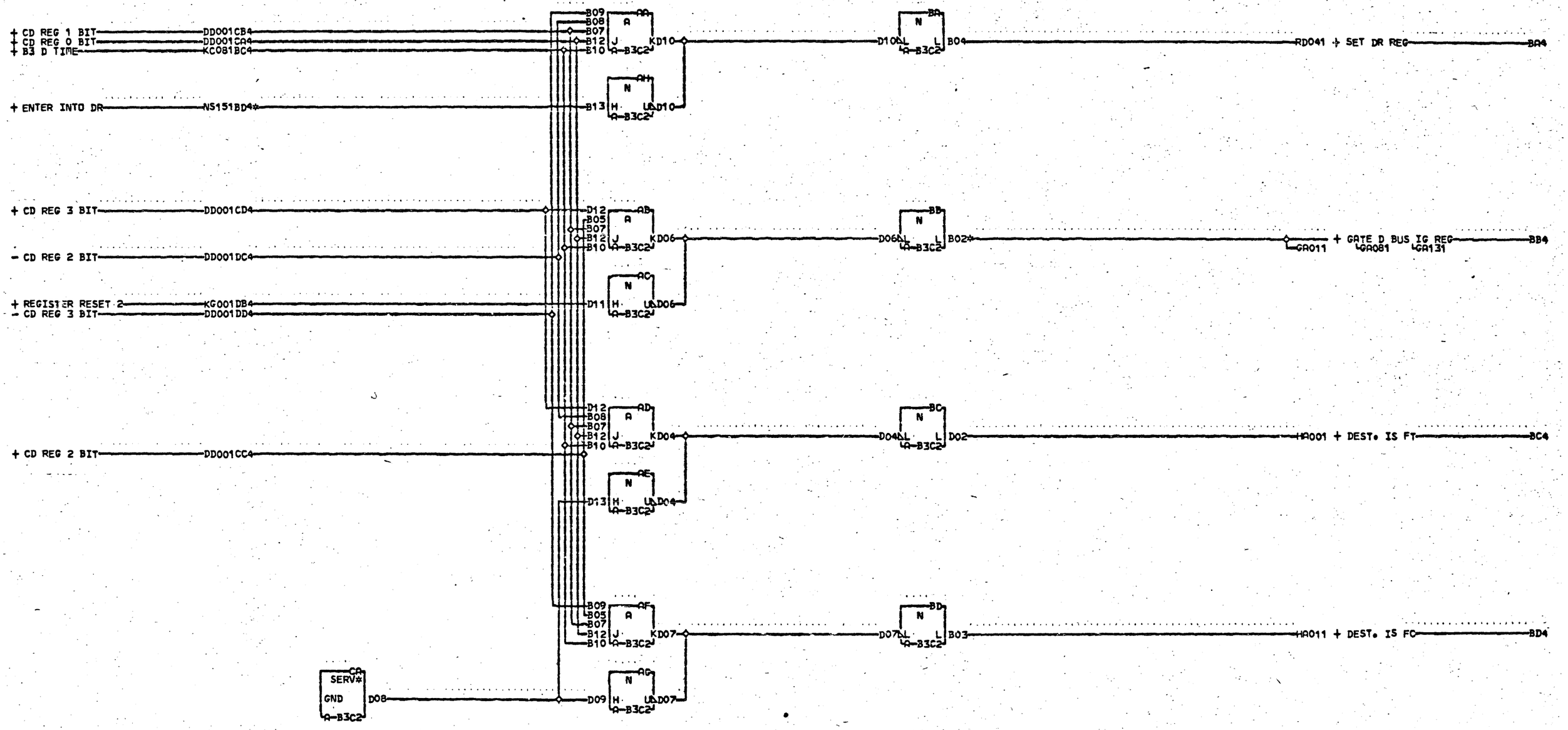


AR4 A=B3A2B12	01A=C1C8A06	AU4 A=B3A2B10	01A=C1C8D04	BP4 A=B3A2B08	01A=C1C8B04
	01A=C2A7B12	01A=C1A5D10	01A=C2A7B10	01A=C1A7B12	01A=C2A7B08	01A=C1A7D09
	01A=C2B1D09	01A=B1N5D10	01A=C2C1C09	01A=B1N7B12	01A=C2B1E09	01A=B1N7D09
	01A=C1B8D04	AT4 A=B3A2B09	01A=C1C8C04	BN4 A=B3A2D07	01A=C1B8E04	BR4 A=B3A2D11
	01A=C1A5B03	01A=C2A7B09	01A=C1A7B10	01A=C2A7D07	01A=C1A7B02	01A=C2A7D11
	01A=B1N5B03	01A=C2C1B11	01A=B1N7B10	01A=C2A1E11	01A=B1N7B02	01A=C2C1E11
	AS4 A=B3A2B07	01A=C1C8B06	AV4 A=B3A2D10	01A=C1A8E06	BQ4 A=B3A2D09	01A=C1C8E06
	01A=C2A7B07	01A=C1A7B03	01A=C2A7D10	01A=C1A5B10	01A=C2A7D09	01A=C1A7D13
	01A=C2C1A11	01A=B1N7B03	01A=C2C1D09	01A=B1N5B10	01A=C2C1B09	01A=B1N7D13

LOC= TYPE
A=B3D4 4067
A=B3G6 3575

DR ASSEM AND REG	
E=C=HISTORY	MACH=2314=FCU
	FRAME 01
	IBM CORP= GPD
DATE LAST EC	P=N= 2209444
03-30-66 416120	

R D 0 4 1 000



NS151BD4
RESISTOR
A-B3B3D05
BB4 A-B3N2D11
01A-C3A2D11

LOC. TYPE
A-B3B3 4061
A-B3C2 3487

DR FT FC IG DESTINATION DECODE

E.C. 416120 HISTORY

MACH.2314-FCU
FRAME 01
IBM CORP. SDD
P.N. 2209459

DATE 04-14-66 LAST EC 416121

RD051 000

RD051 000

DISP REG SET

- INHIBIT 1 — PS101DB4
+ B2 CLOCK 1 — KC011AQ4
+ CA STATEMENT EQUALS STOP — DV001DL4
- B2 A TIME P3 — KC011FS4
+ B2 D TIME — KC011FJ4

LATCH DA

+ CN 5 BIT LATCHED — DV001CC4
- CHECK RESET — PS061AJ4

IN LINE FREEZE CB

LATCH DB

-3V ERROR — PS161AR4

SERV* GND — A-B2E6

RD062 + SET DISPLAY REG — FA4
BA111 + IN LINE FREEZE LATCH — DB4
RD062 GND DISPLAY REG INPUT — AB4

MODE FE

+ LOAD OR RESULT OR ERROR — BA111DB4
+ LOAD OR ROUTINE — BA101CB4

LATCH FF

RD062 - IN LINE MODE — FE4
RD062 + IN LINE MODE — FF4

- STOP MODE OR REMOTE — PS101DT4

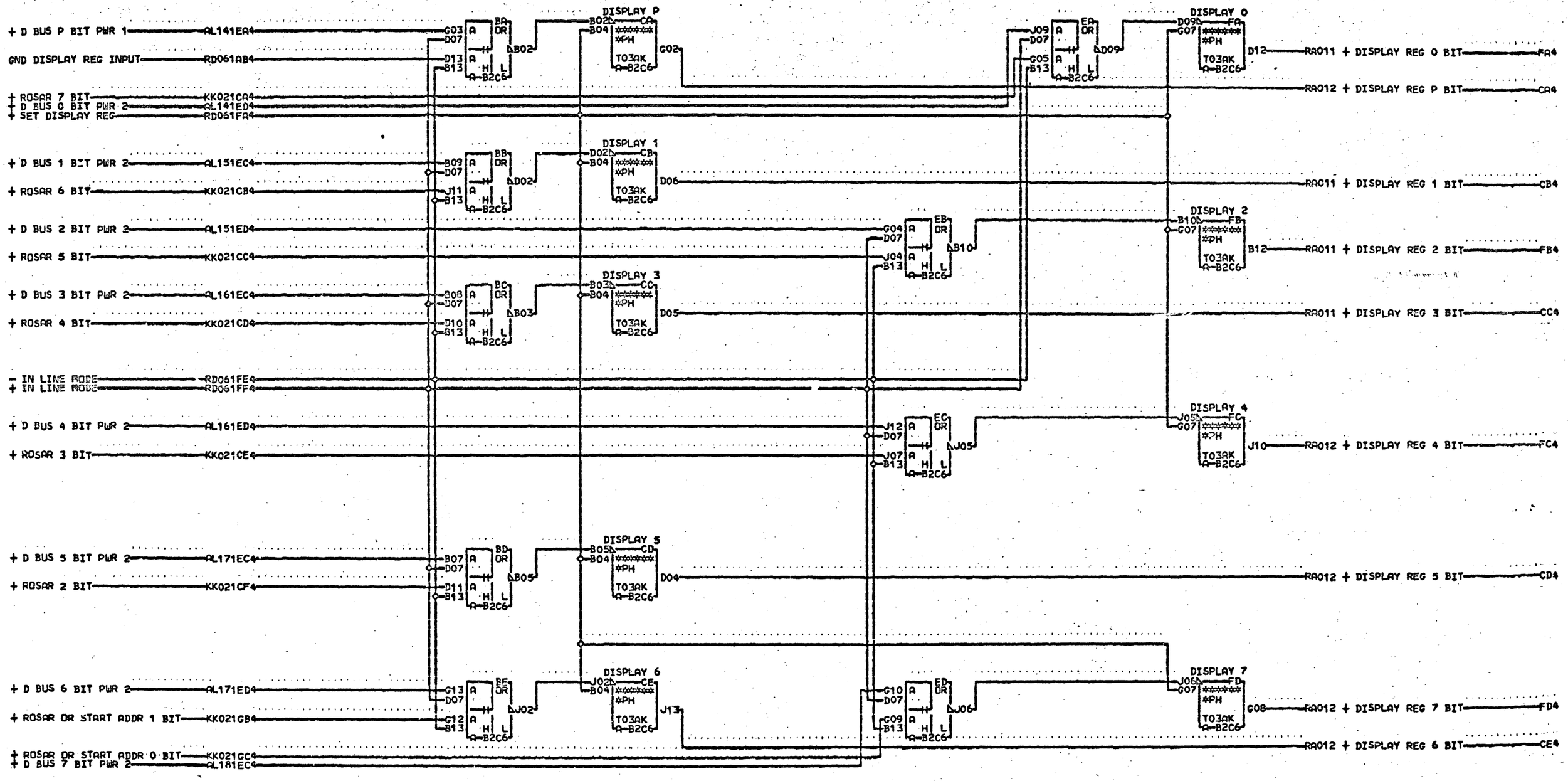
DB4 A-B2F8C04
01A-B3F1C09
FA4 RESISTOR
A-B2B6D13

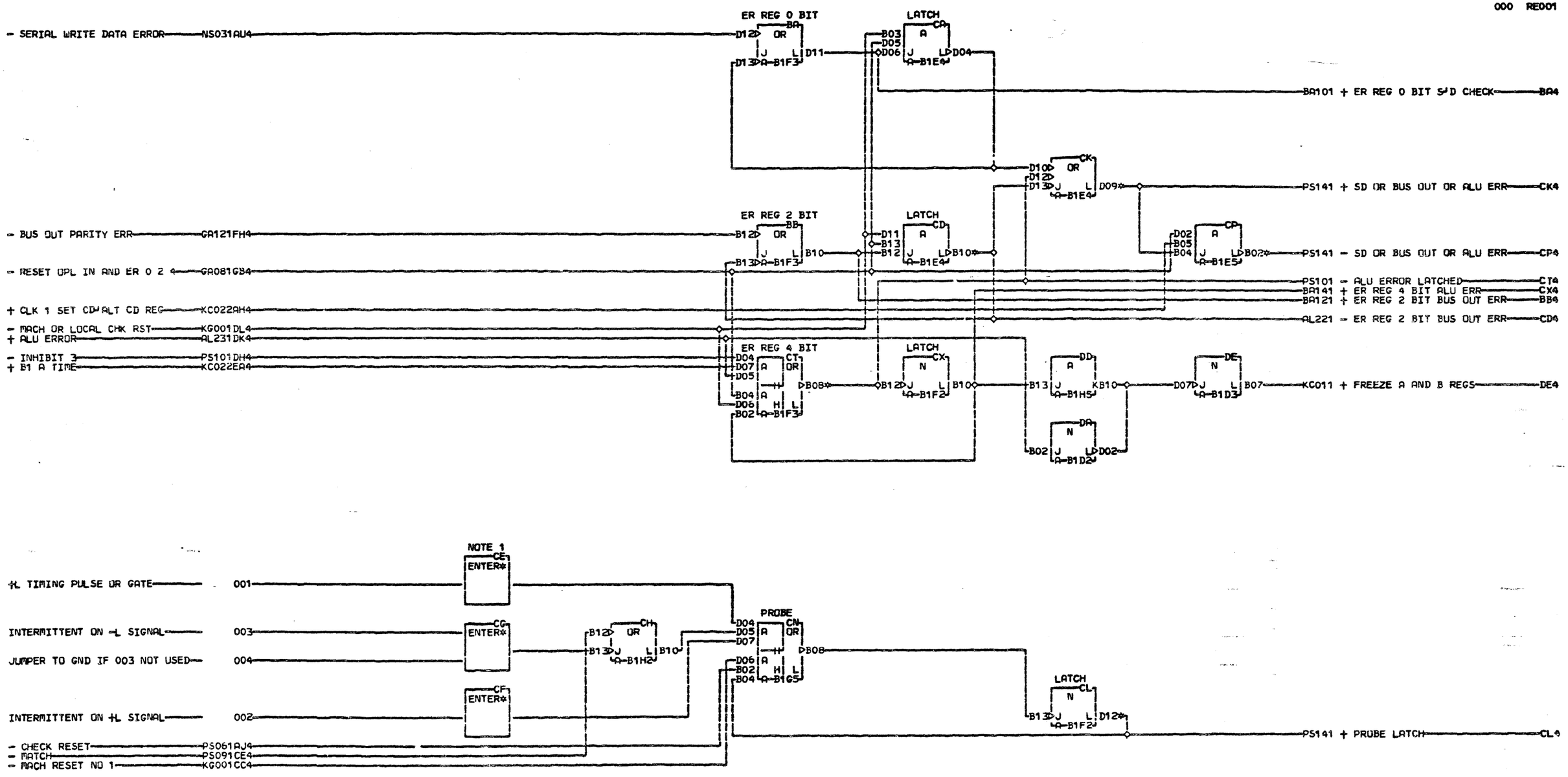
LOC.	TYPE
A-B2B5	0006
A-B2B6	4061
A-B2E5	0199
A-B2E6	0008
A-B2F3	0199
A-B2F7	0359
A-B2H3	3575

DISPLAY REG CONTROLS

E.C. HISTORY	MACH.2314 FCU
416120	
416122	FRAME 01
416123	
416124	IBM CORP. SDD
DATE LAST EC	P.N. 2209462
01-10-67 420637	

RD061 000


+ D BUS P BIT PWR 1 AL141EA4
GND DISPLAY REG INPUT RD061AB4
+ ROSAR 7 BIT KK021CA4
+ D BUS C BIT PWR 2 AL141ED4
+ SET DISPLAY REG RD061FA4
DISPLAY P
DISPLAY 0
RA011 + DISPLAY REG 0 BIT FA4
RA012 + DISPLAY REG P BIT CA4
+ D BUS 1 BIT PWR 2 AL151EC4
+ ROSAR 6 BIT KK021CB4
DISPLAY 1
RA011 + DISPLAY REG 1 BIT CB4
+ D BUS 2 BIT PWR 2 AL151ED4
+ ROSAR 5 BIT KK021CC4
DISPLAY 2
RA011 + DISPLAY REG 2 BIT FB4
+ D BUS 3 BIT PWR 2 AL161EC4
+ ROSAR 4 BIT KK021CD4
DISPLAY 3
RA011 + DISPLAY REG 3 BIT CC4
- IN LINE MODE RD061FE4
+ IN LINE MODE RD061FF4
+ D BUS 4 BIT PWR 2 AL161ED4
+ ROSAR 3 BIT KK021CE4
DISPLAY 4
RA012 + DISPLAY REG 4 BIT FC4
+ D BUS 5 BIT PWR 2 AL171EC4
+ ROSAR 2 BIT KK021CF4
DISPLAY 5
RA012 + DISPLAY REG 5 BIT CD4
+ D BUS 6 BIT PWR 2 AL171ED4
+ ROSAR OR START ADDR 1 BIT KK021GB4
DISPLAY 6
DISPLAY 7
RA012 + DISPLAY REG 7 BIT FD4
RA012 + DISPLAY REG 6 BIT CE4
+ ROSAR OR START ADDR 0 BIT KK021GC4
+ D BUS 7 BIT PWR 2 AL181EC4
LOC. TYPE
A-B2C6 4067
DISPLAY REGISTER
E.C. HISTORY
MACH.2314 FCU
FRAME 01
IBM CORP. SDD
P.N. 2209463
DATE LAST EC
04-06-66 416120
RD062
000



NOTE 1 SEE KC021 FOR B1 CLOCK

R USE ONLY + D OR + A
E TIME OR + CLOCK 4.
0
0
1

000

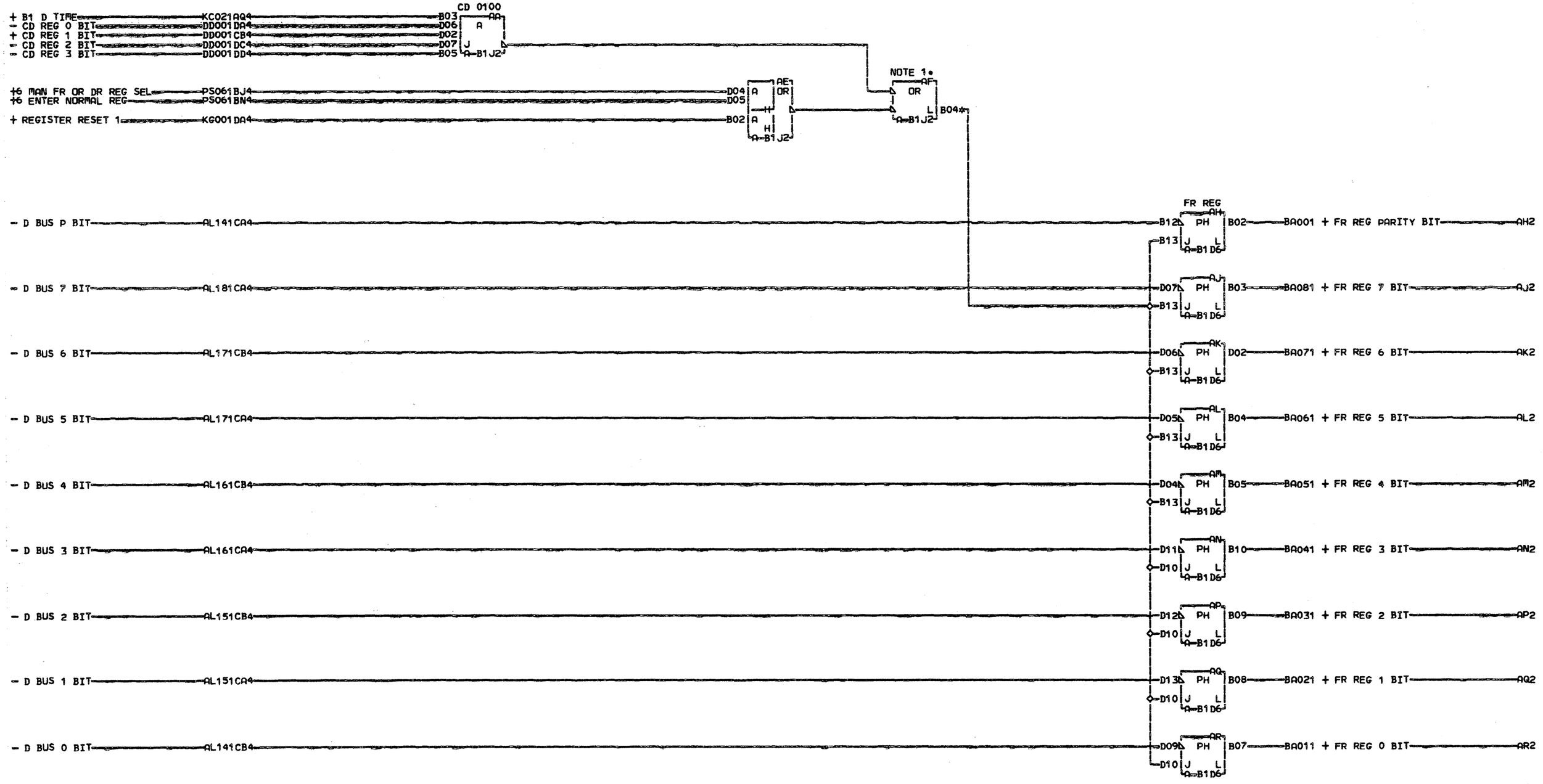
CD4 A-B1A2B03 01A-C1A7D12
01A-B2A2B03
CK4 A-B1N5B13
01A-C1A5B13
CL4 A-B1N5D13
01A-C1A5D13
CP4 A-B1N5D12
01A-C1A5D12
CT4 A-B1N7D12

LOC.	TYPE
A-B1D2	3016
A-B1D3	0199
A-B1E4	0002
A-B1E5	0002
A-B1F2	3575
A-B1F3	0007
A-B1G5	0007
A-B1H2	0007
A-B1H5	0238

ER REGISTER

E.C. HISTORY	MACH.2314-FCU
416120	
416130	FRAME 01
416131	
	IBM CORP. GPD
DATE LAST EC	
01-22-68 420919	P.No. 2209445

RE001 000



NOTE 1. INTERNAL WIRING ON PINS B02◇ B03◇ D05◇ D06. SEE RD001◇ RK001.

AF4 RESISTOR
A-B1J2B04

LOC.	TYPE
A-B1D6	4007
A-B1J2	3572

FR REGISTER

E.C. HISTORY

MACH. 2314-FCU

FRAME 01

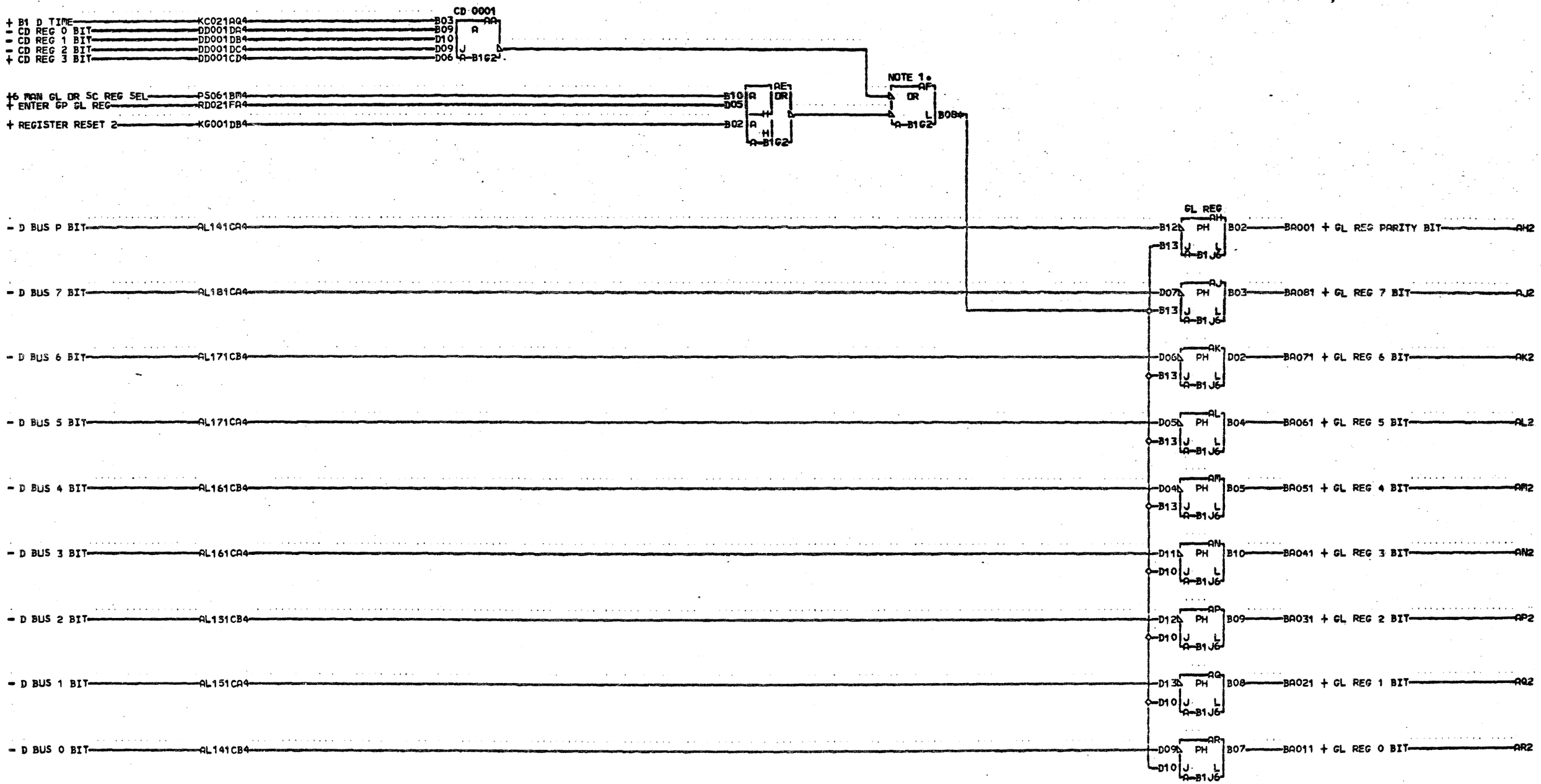
IBM CORP. GPD

DATE 03-30-66 LAST EC 416120

P.N. 2209446

RF001 000

R F 0 0 1 000



NOTE 1. INTERNAL WIRING ON PINS B02◇ B03◇ D05◇ D06. SEE RB011◇ RB021.

AF4 RESISTOR A-B1G2B08

LOC.	TYPE
A-B1G2	3572
A-B1J6	4007

GL REGISTER

E.C. HISTORY — MACH.2314-FCU

FRAME 01

IBM CORP. GPD

P.N. 2209447

DATE LAST EC
07-30-66 416120

RG001 — RG001 — 000

+ B1 D TIME — KC021AQ4 — B03 — CD 1001 AA A
+ CD REG 0 BIT — DD001CA4 — D13
- CD REG 1 BIT — DD001DB4 — D12
- CD REG 2 BIT — DD001DC4 — B13 J L
+ CD REG 3 BIT — DD001CD4 — D06 A-B1G2

+6 MAN GP OR IS REG SEL — PS061BD4 — D11 — A AD OR
+ ENTER GP GL REG — RD021FA4 — D05 — H
+ REGISTER RESET 2 — KG001DB4 — B02 — A H A-B1G2

NOTE 1 AG OR L A-B1G2 — B12

- D BUS P BIT — AL141CA4 — B12 — GP REG AJ PH J L A-B1F6 — B02 — BA001 + GP REG P BIT — AJ2
- D BUS 7 BIT — AL181CA4 — D07 — B13 — AK PH J L A-B1F6 — B03 — BA081 + GP REG 7 BIT — AK2
- D BUS 6 BIT — AL171CB4 — D06 — B13 — AL PH J L A-S1F6 — D02 — BA071 + GP REG 6 BIT — AL2
- D BUS 5 BIT — AL171CA4 — D05 — B13 — AM PH J L A-B1F6 — B04 — BA061 + GP REG 5 BIT — AM2
- D BUS 4 BIT — AL161CB4 — D04 — B13 — AN PH J L A-B1F6 — B05 — BA051 + GP REG 4 BIT — AN2
- D BUS 3 BIT — AL161CA4 — D11 — D10 — AP PH J L A-B1F6 — B10 — BA041 + GP REG 3 BIT — AP2
- D BUS 2 BIT — AL151CB4 — D12 — D10 — AQ PH J L A-B1F6 — B09 — BA031 + GP REG 2 BIT — AQ2
- D BUS 1 BIT — AL131CA4 — D13 — D10 — AR PH J L A-B1F6 — B08 — BA021 + GP REG 1 BIT — AR2
- D BUS 0 BIT — AL141CB4 — D09 — D10 — AS PH J L A-B1F6 — B07 — BA011 + GP REG 0 BIT — AS2

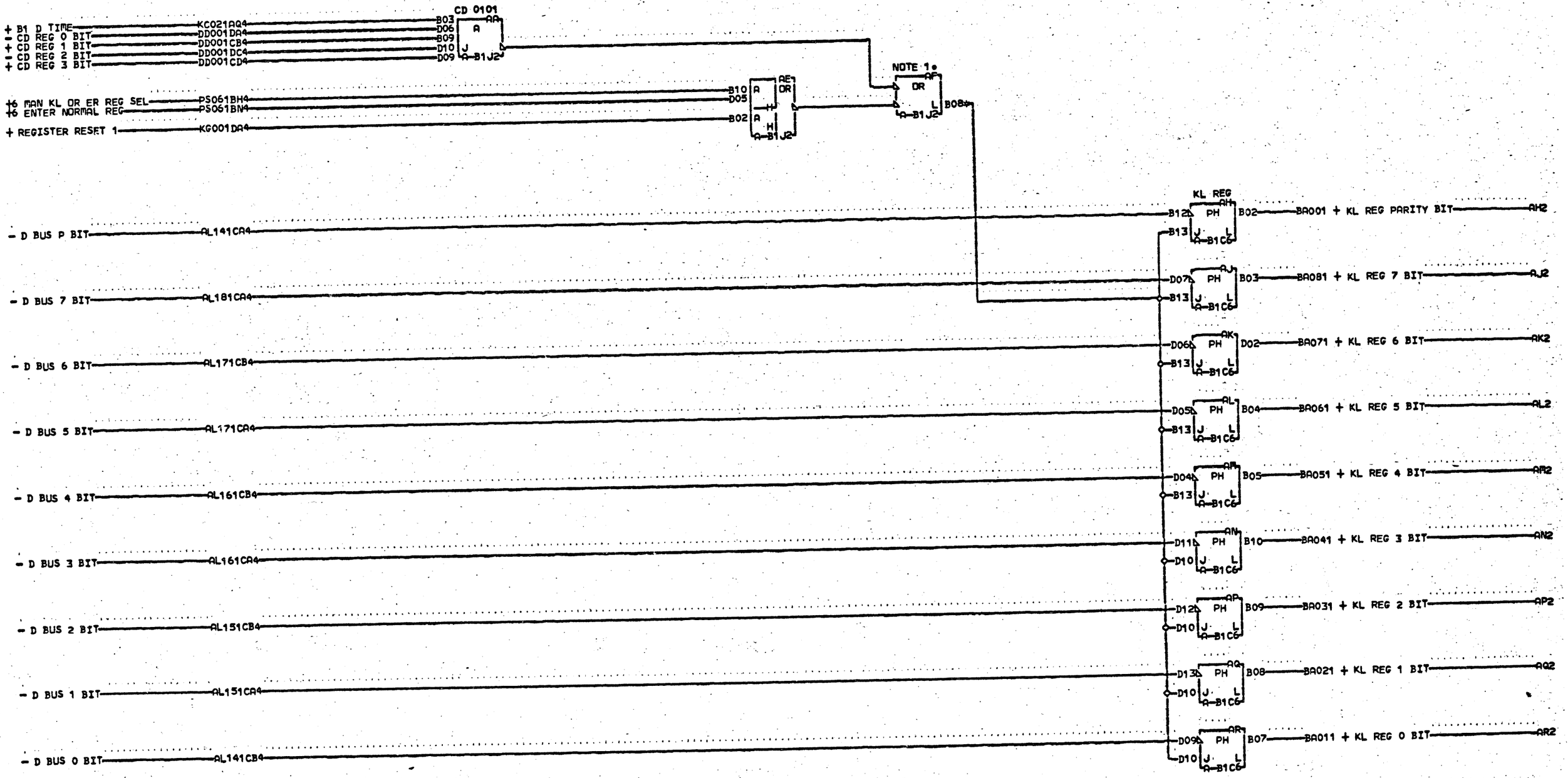
NOTE 1. INTERNAL WIRING ON PINS B02◊ B03◊ D05◊ D06. SEE R5041.

AG4 RESISTOR A-B1G2B12

LOC. TYPE
A-B1F6 4007
A-B1G2 3572

GP REGISTER
E.C. HISTORY
MACH. 2314-FCU
FRAME 01
IBM CORP. GPD
DATE LAST EC 03-30-66 416120
P.N. 220448

RG011 000



NOTE 1. INTERNAL WIRING ON PINS B02◇ B03◇ D05◇ D06. SEE RD001◇ RF001.

AF4 RESISTOR A-B1J2B08

LOC.	TYPE
A-B1C6	4007
A-B1J2	3572

KL REGISTER

E.C. HISTORY

MACH.2314-FCU

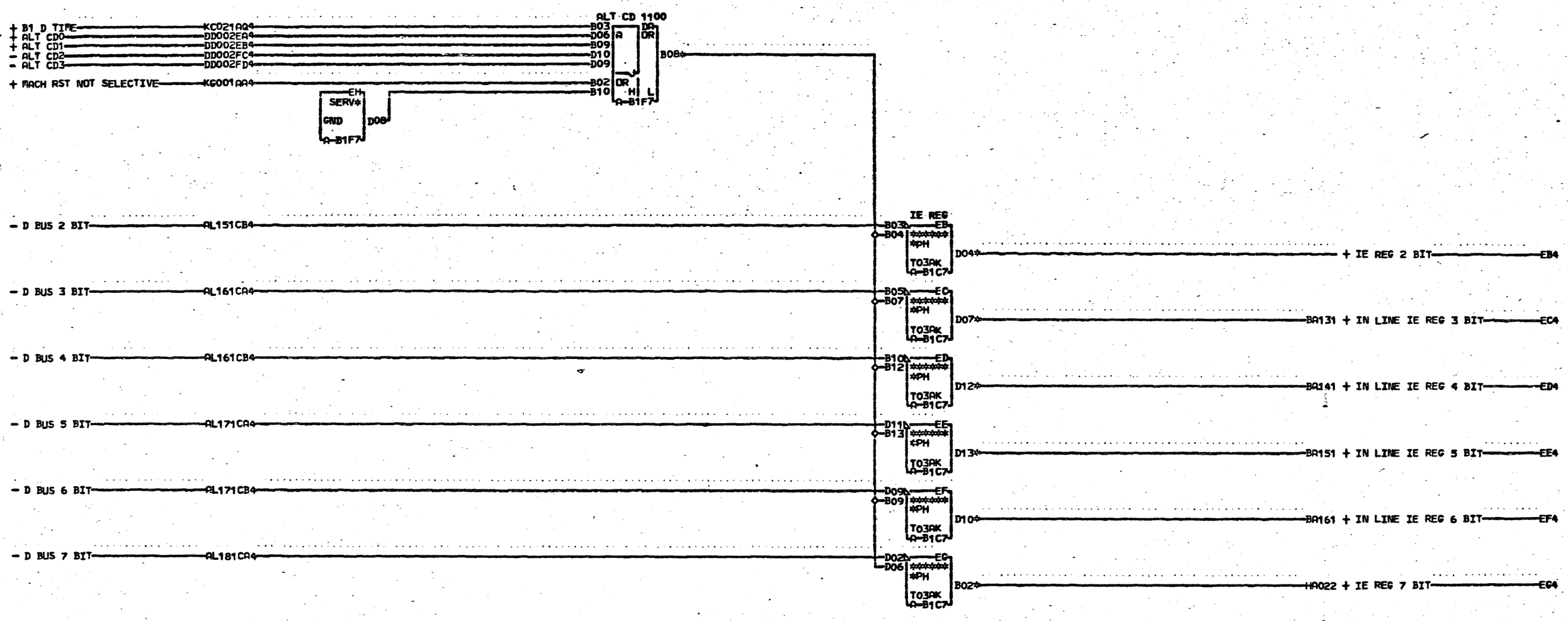
FRAME 01

IBM CORP. GPD

P.N. 2209449

DATE LAST EC
03-30-66/416120

RK001 000



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DA4 RESISTOR 01A-B3A4B07
A-B1F7B08 EF4 A-B1A5D05
EB4 A-B1A3B09 01A-B3A3D05
01A-A3N5B09 EG4 A-B1A2B13
EC4 A-B1A4D05 01A-B2A2B13
01A-B3A4D05 01A-B2F8E04
ED4 A-B1A4D06 01A-B3F1E09
01A-B3A4D06
EE4 A-B1A4B07

LOC. TYPE
A-B1C7 0813
A-B1F7 3572

IE CONTROL REGISTER

E.C. HISTORY	MACH.2314-FCU
416129	
416130	FRAME 01
420901	
	IBM CORP. SDD
DATE LAST EC	P.N. 2244842
06-26-67 420908	

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0
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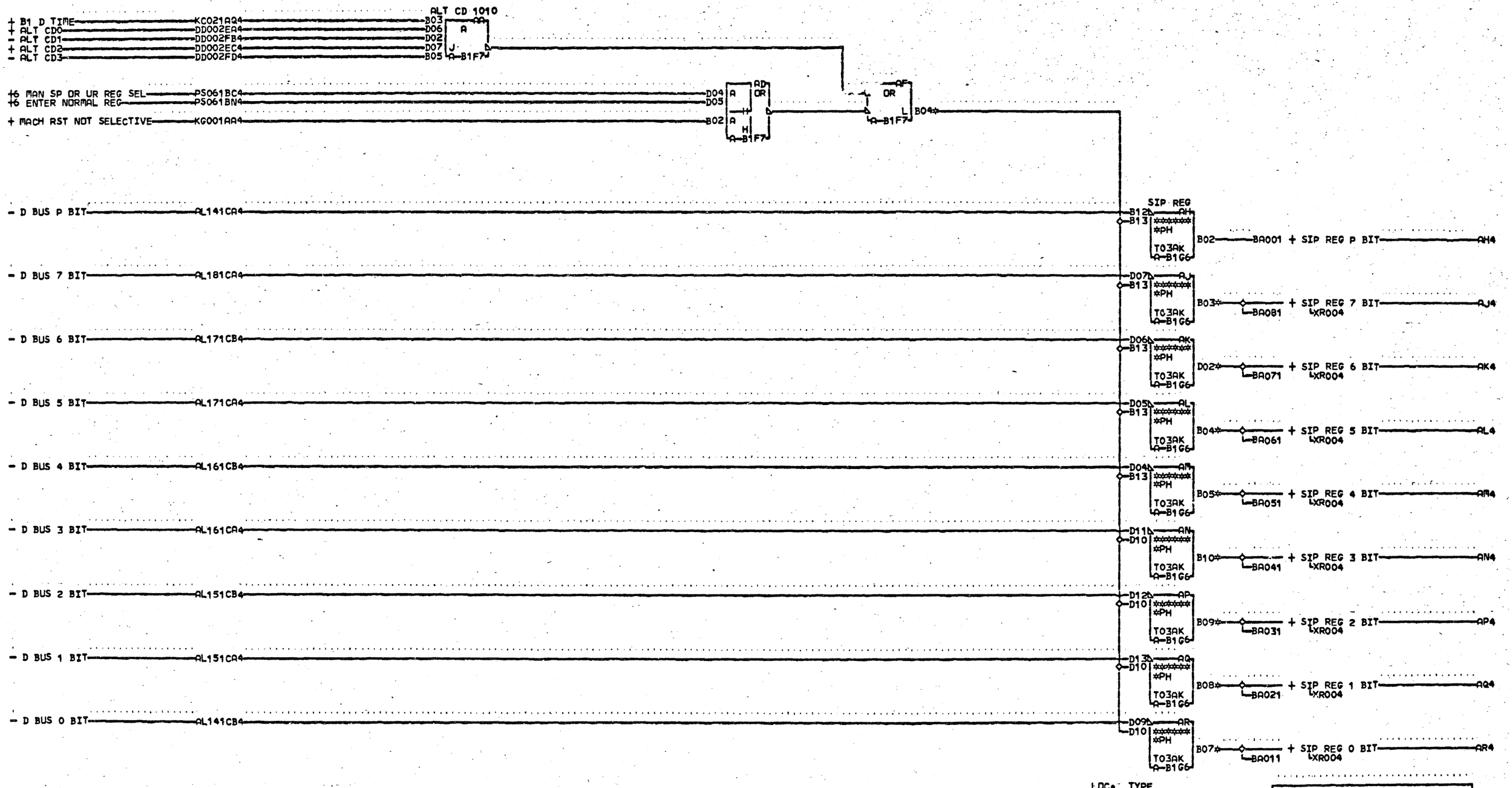
000



R P 0 0 1 000

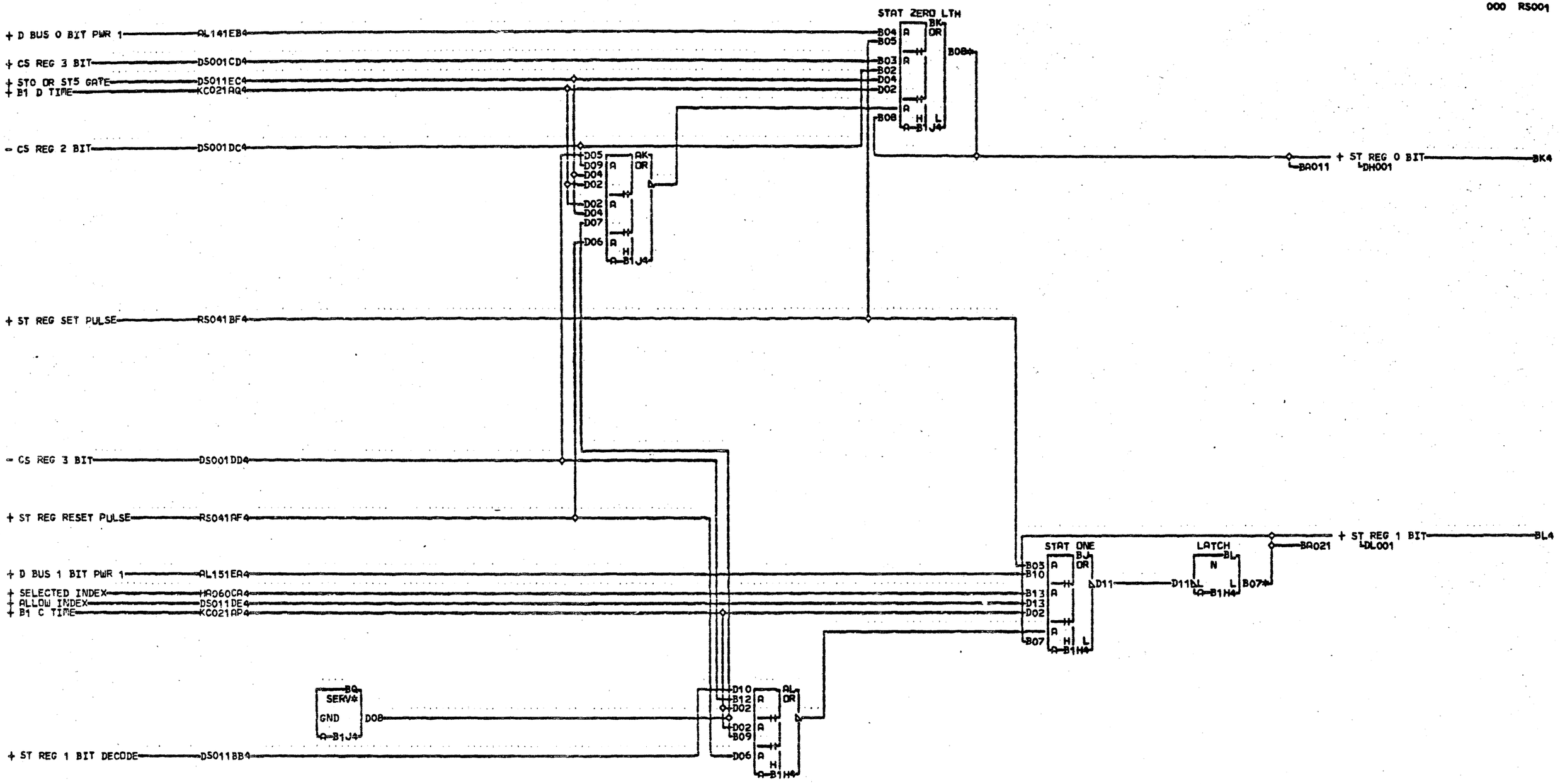
AF4 RESISTOR 01A-C3B6D07
A-B1F7B04 AN4 A-B1M5D06
AJ4 A-B1M5D11 01A-C3B6D06
01A-C3B6D11 AP4 A-B1M5B05
AK4 A-B1M5B10 01A-C3B6B05
01A-C3B6B10 AQ4 A-B1M5B04
AL4 A-B1M5B09 01A-C3B6B04
01A-C3B6B09 AR4 A-B1M5D02
AM4 A-B1M5D07 01A-C3B6D02

LOC. TYPE
A-B1F7 3572
A-B1G6 4007

SEEK IN PROGRESS REGISTER

E.C. HISTORY	MACH. 2314-FCU
416120	
416122	FRAME 01
416125	
DATE LAST EC	IBM CORP. SDD
09-21-66 416129	P.N. 2209425

R P 0 0 1 000



BK4 A-B1N4D07
01A-C1A4D07
BL4 A-B1N4B08
01A-C1A4B08

LOC. TYPE
A-B1H4 3574
A-B1J4 3574

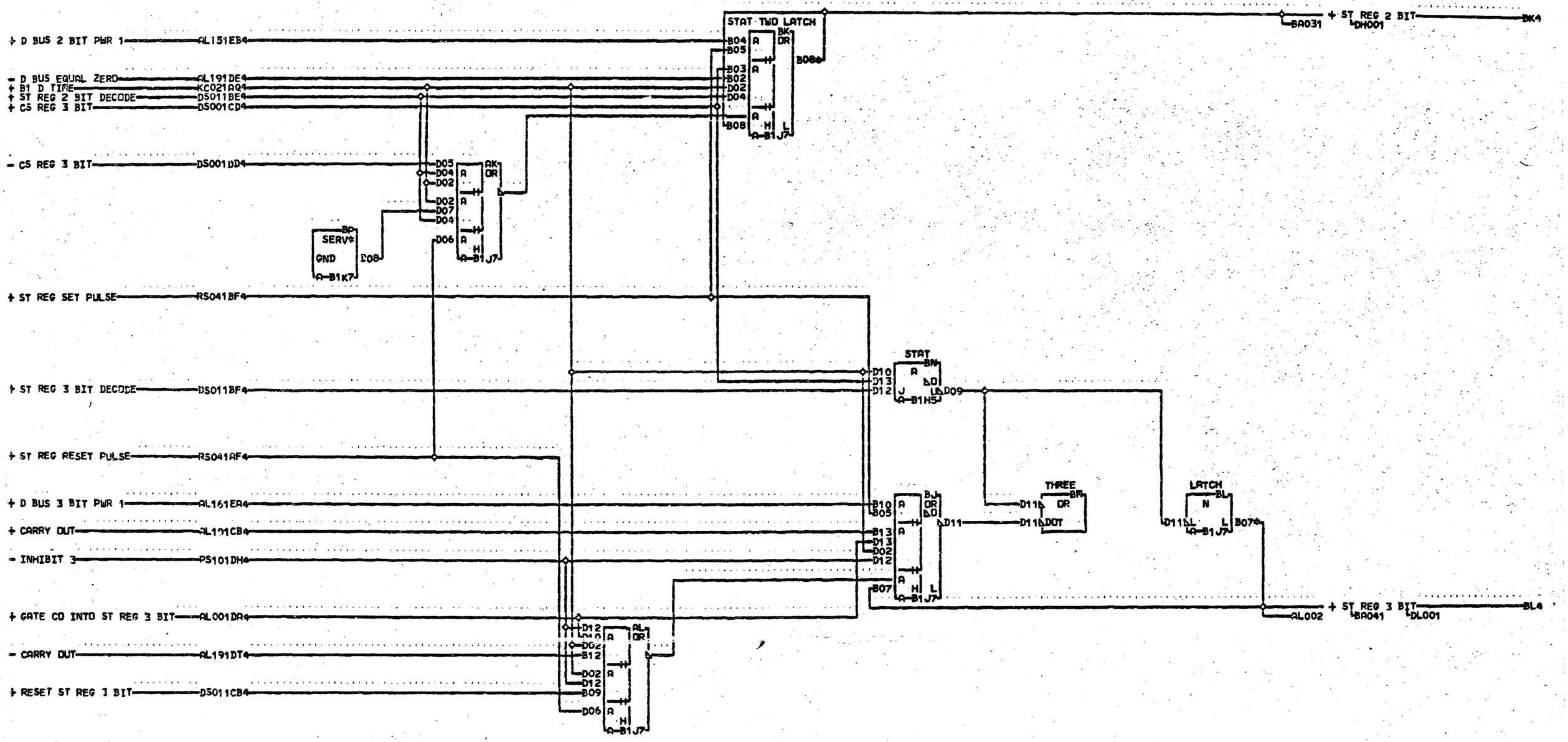
STATUS REGISTER
BITS 0 1

E.C.-HISTORY 416120

MACH.2314-FCU
FRAME 01
IBM CORP. GPD
P.N. 2209450

DATE LAST EC
06-01-66 416124

RS001 000



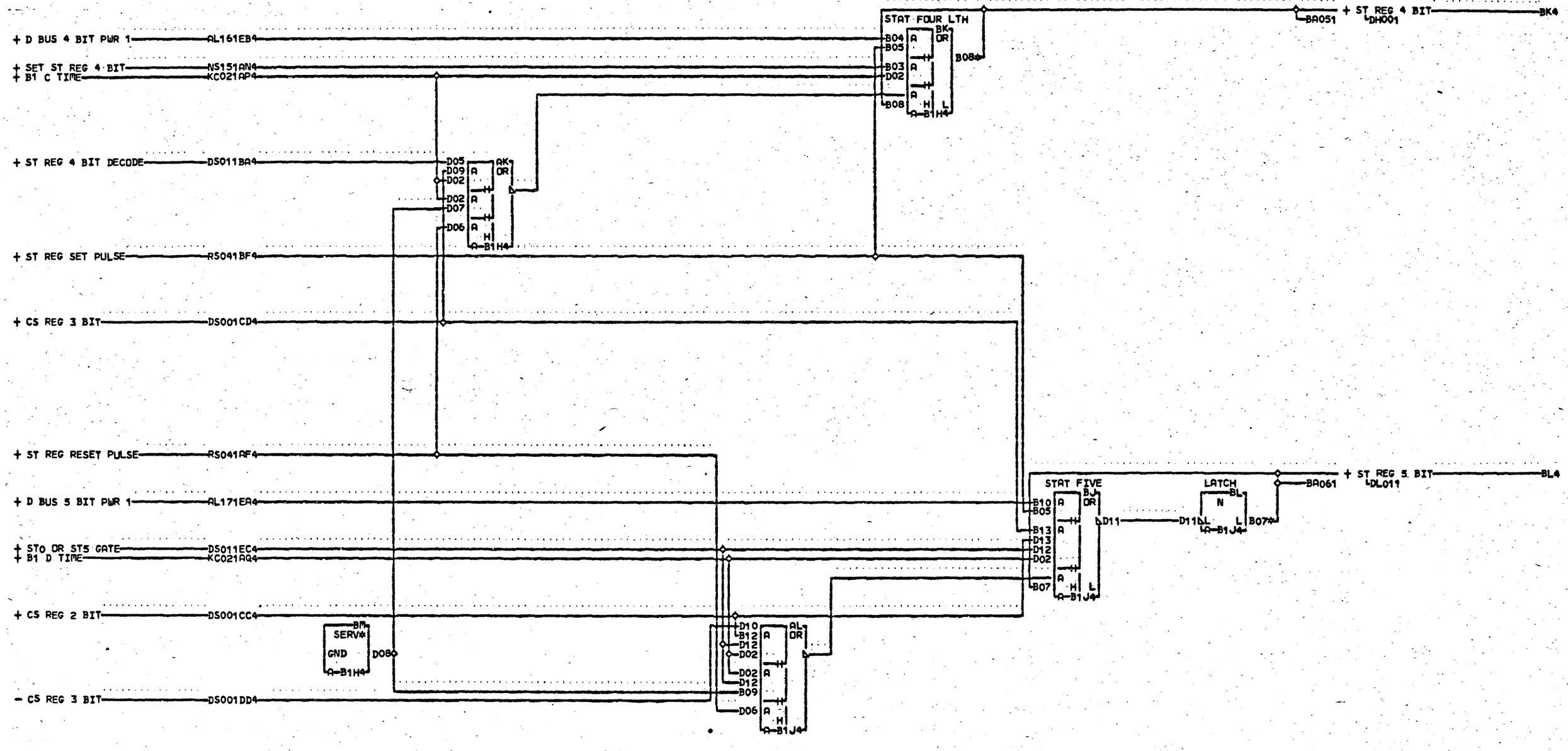
R 5 0 1 1
000

BK4 A-B1N4B09
01A-C1A4B09
BL4 A-B1N4D09
01A-C1A4D09
01A-B1M8D04
01A-B2M1D09

LOC. TYPE
A-B1H5 0238
A-B1J7 3574

STATUS REGISTER
BITS 2 3
E.C.-HISTORY
MACH.2314-FCU
FRAME 01
IBM CORP. GPD
DATE LAST EC
03-30-66 416120
P.N. 2209451

R 5 0 1 1
000



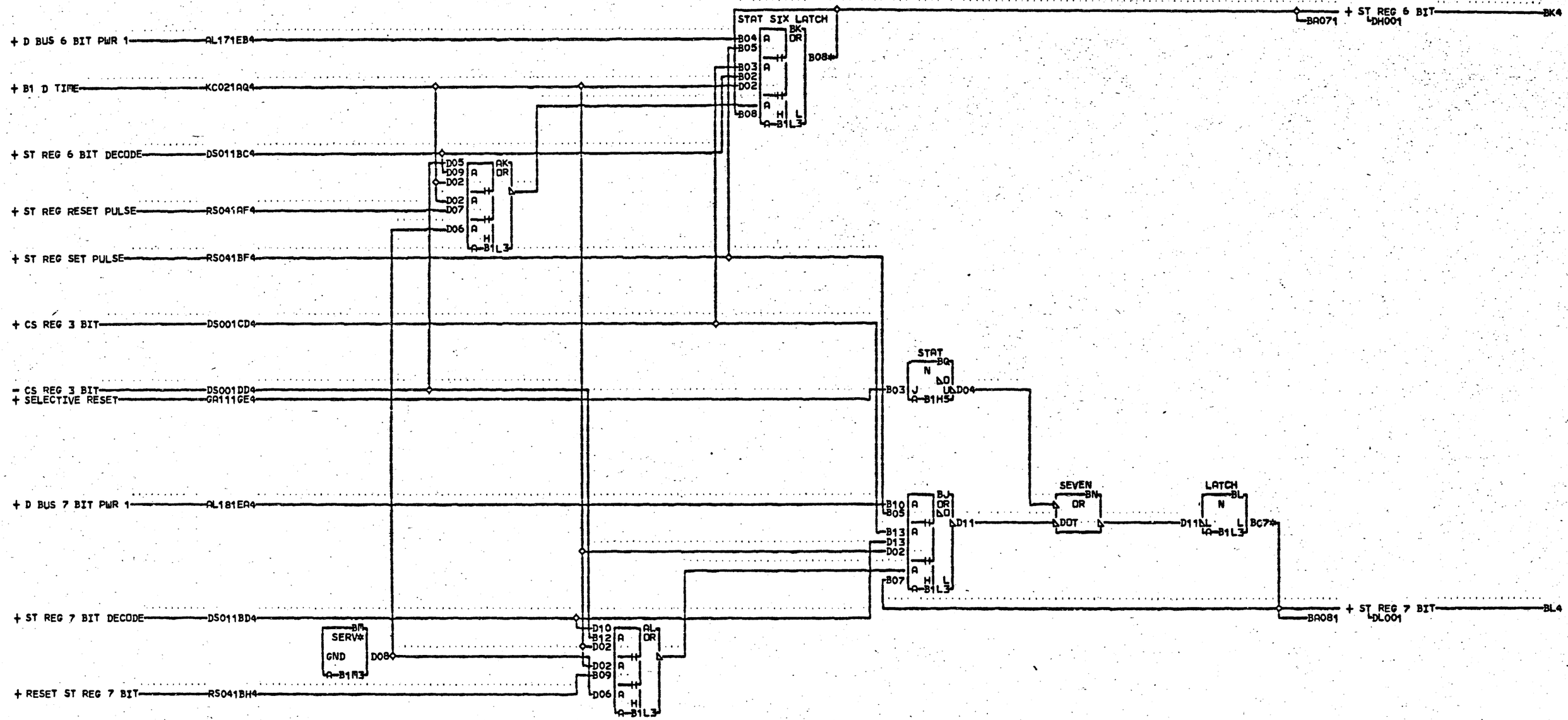
BK4 A-B1N4B10
01A-C1A4B10
BL4 A-B1N4D10
01A-C1A4D10

LOC. TYPE
A-B1H4 3574
A-B1J4 3574

RS021
000

STATUS REGISTER
BITS 4 5
E.C. HISTORY
MACH.2314-FCU
FRAME 01
IBM CORP. GPD
P.N. 2209452
DATE LAST EC
03-30-66 416120

RS021 000

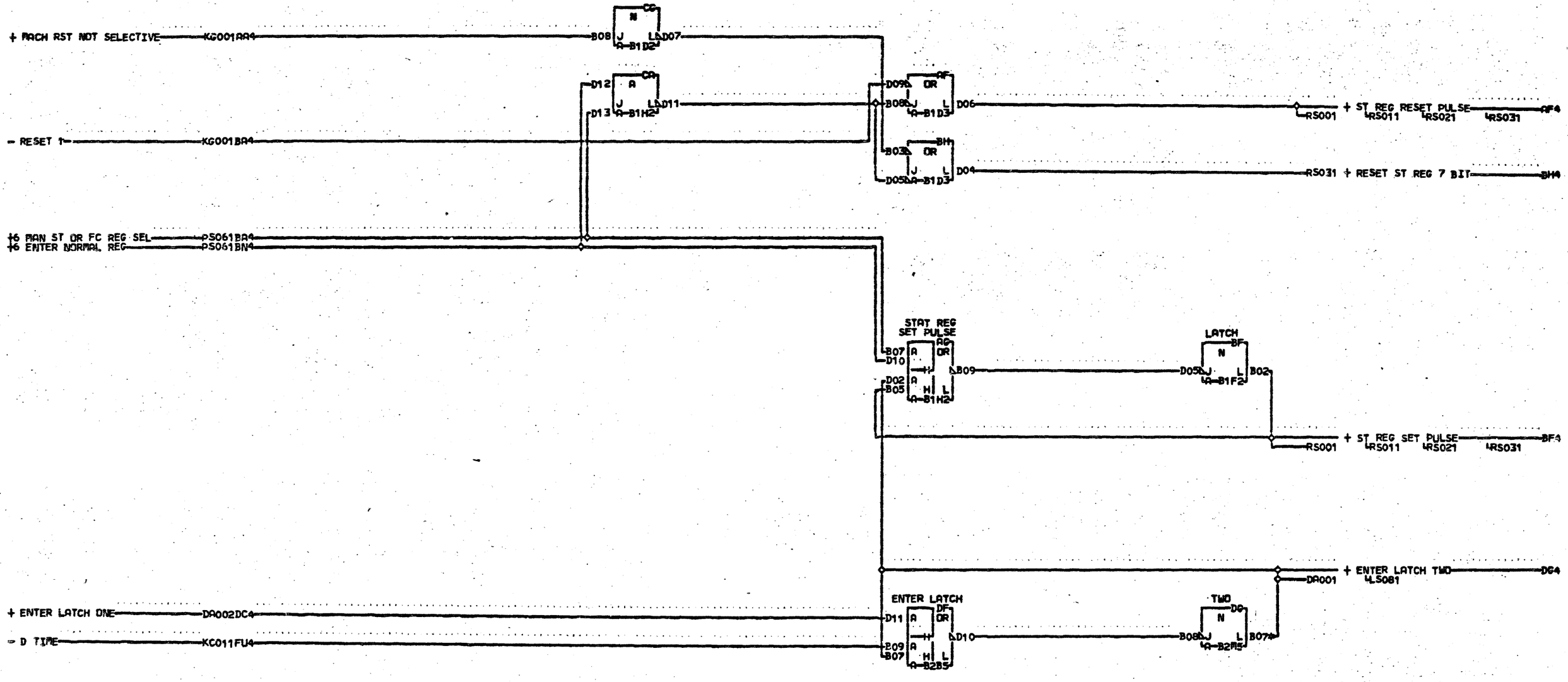


BK4 A-B1N4D11
01A-C1A4D11
BL4 A-B1N4B12
01A-C1A4B12

LOC. TYPE
A-B1H5 0238
A-B1L3 3574

STATUS REGISTER
BITS 6 7
E.C.-HISTORY
MACH.2314-FCU
FRAME 01
IBM CORP. GPD
DATE LAST EC
03-30-66 416120
P.N. 2209453

RS031 000



DG4 A-B2N1A09
01A-B1N8A04
01A-B1A7D10
01B-A2A2D10

LOC.	TYPE
A-B1D2	3016
A-B1D3	0199
A-B1F2	3575
A-B1H2	0007
A-B2B5	0006
A-B2M5	3575

STATUS REGISTER SET AND RESET PULSE DRIVER

E.C.-HISTORY 416120

MACH.2314-FCU

FRAME 01

IBM CORP. SDD

DATE 04-21-66 LAST EC 416122

P.No 2209454

RS041 000

UR REG

- D BUS P BIT — AL141CA4 — B12 PH AN B02 — + UR REG PARITY BIT NOT USED — AN2
  B13 J L A-B1E6
- D BUS 7 BIT — AL181CA4 — D07 PH AJ B03 — BA171 — + UR REG 7 BIT 4RA020 — AJ2
  B13 J L A-B1E6
- D BUS 6 BIT — AL171CB4 — D06 PH AK D02 — BA161 — + UR REG 6 BIT 4RA020 — AK2
  B13 J L A-B1E6
- D BUS 5 BIT — AL171CA4 — D05 PH AL B04 — BA151 — + UR REG 5 BIT 4RA020 — AL2
  B13 J L A-B1E6
- D BUS 4 BIT — AL161CB4 — D04 PH AM B05 — BA141 — + UR REG 4 BIT 4RA020 — AM2
  B13 J L A-B1E6
- D BUS 3 BIT — AL161CA4 — D11 PH AN B10 — BA131 — + UR REG 3 BIT — AN2
  D10 J L A-B1E6
- D BUS 2 BIT — AL151CB4 — D12 PH AP B09 — BA121 — + UR REG 2 BIT — AP2
  D10 J L A-B1E6
- D BUS 1 BIT — AL151CA4 — D13 PH AQ B08 — BA111 — + UR REG 1 BIT — AQ2
  D10 J L A-B1E6
- D BUS 0 BIT — AL141CB4 — D09 PH AR B07 — BA101 — + UR REG 0 BIT — AR2
  D10 J L A-B1E6

CD 1010

+ B1 D TIME — KC021AQ4 — B03 AA
+ CD REG 0 BIT — DD001CA4 — B13 A
- CD REG 1 BIT — DD001DB4 — D06
+ CD REG 2 BIT — DD001CC4 — D13 J
- CD REG 3 BIT — DD001DD4 — D12 A-B1K2

+6 MAN SP CR UR REG SEL — PS061BC4 — D11
+6 ENTER ALT REG — PS161AK4 — D05
+ REGISTER RESET 2 — KG001DB4 — B02

RE OR A A H A-B1K2

NOTE 1. AF OR L A-B1K2 — B12

NOTE 1. INTERNAL WIRING ON PINS B02◇ B03◇ D05◇ D06. SEE RC001◇ RD011.

AF4 RESISTOR A-B1K2B12 01A-B3A4B05
AJ2 A-B1A4D02 01A-B3A4D02
AK2 A-B1A4B03 01A-B3A4B03
AL2 A-B1A4B04 01A-B3A4B04
AM2 A-B1A4B05

LOC. TYPE
A-B1E6 4007
A-B1K2 3572

UR REGISTER

E.C. HISTORY	MACH. 2314-FCU
416120	
416122	FRAME 01
416126	IBM CORP. GPD
DATE LAST EC	P.N. 2209455
09-20-66 416129	

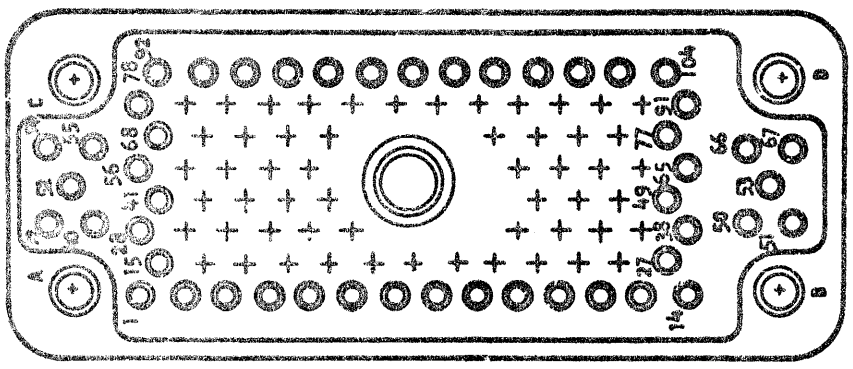
RU001 000

000

	TESTER CONN "A" PIN NO.	LAMP NO.	LAMP NAME	SAL BIT NO.	LATCH OUTPUT PIN	02A2 INDICATOR CONN. PIN	02A2 LOGIC CONN. PIN
	1	1	CA0	17	J4B13	M2D12	N2D12
	2	2	CA1	19	J4D13	M2D13	N2D13
	3	3	CA2	21	J5B03	M4D02	N4D02
	4	4	CA3	23	J5B02	M4B04	N4B04
	5	5	CA4	25	K4B13	M4B05	N4B05
	6	6	CB0	27	K4D13	M4D06	N4D06
	7	7	CB1	29	K5B03	M4D07	N4D07
	8	8	CK0	31	K5B02	M4B09	N4B09
	9	9	CK1	33	L4B13	M4B10	N4B10
	10	10	CK2	35	L4D13	M4D11	N4D11
	11	11	CK3	37	L5B03	M4D12	N4D12
	12	12	CK4	39	L5B02	M4D13	N4D13
	13	13	CK5	41	J6B13	M6D02	N6D02
	14	14	CK6	43	J6D13	M6B04	N6B04
	15	15	CK7	45	J7B03	M6B05	N6B05
	16	16	CH0	01	J2B13	M2D02	N2D02
	17	17	CH1	03	J2D13	M2B04	N2B04
	18	18	CH2	05	J3B03	M2B05	N2B05
	19	19	CH3	07	J3B02	M2D06	N2D06
	20	20	CL0	09	K2B13	M2D07	N2D07
	21	21	CL1	11	K2D13	M2B09	N2B09
	22	22	CL2	13	K3B03	M2B10	N2B10
	23	23	CL3	15	K3B02	M2D11	N2D11
	25	25	PA	47	J7B02	M6D06	N6D06
	27	27	PS	42	J6D12	M6B03	N6B03
	31	31	CN0	00	J2B12	M2B02	N2B02
	32	32	CN1	02	J2D12	M2B03	N2B03
	33	33	CN2	04	J3D02	M2D04	N2D04
	34	34	CN3	06	J3B04	M2D05	N2D05
	35	35	CN4	08	K2B12	M2B07	N2B07
	36	36	CN5	10	K2D12	M2B08	N2B08
	38	38	PN	12	K3D02	M2D09	N2D09
	NOT USED	NOT USED		44	J7D02	M6D04	N6D04
	46	46	CD0	22	J5B04	M4B03	N4B03
	47	47	CD1	14	K3B04	M2D10	N2D10
	48	48	CD2	16	J4B12	M2B12	N2B12
	49	49	CD3	18	J4D12	M2B13	N2B13
	50	50	CD4	20	J5D02	M4B02	N4B02
	51	51	CV0	24	K4B12	M4D04	N4D04
	52	52	CC0	26	K4D12	M4D05	N4D05
	53	53	CC1	28	K5D02	M4B07	N4B07
	54	54	CC2	30	K5B04	M4B08	N4B08
	55	55	CS0	32	L4B12	M4D09	N4D09
	56	56	CS1	34	L4D12	M4D10	N4D10
	57	57	CS2	36	L5D02	M4B12	N4B12
	58	58	CS3	38	L5B04	M4B13	N4B13
	59	59	ON	46	J7B04	M6D05	N6D05
	60	60	PC	40	J6B12	M6B02	N6B02
	81	81	CHASSIS GND			MOUNTING BKT	
*	83	83	SIGNAL GND			M2D08	
*	85	85	SIGNAL GND			M4D08	
*	98	98	SIGNAL GND			M6D08	GATE "A" BUS 3
	99	99	+12V DC			M6B07	GATE "A" BUS 4
X	103	103	+3V DC			M2D03	
X	103	103	+3V DC			M4D03	
X	103	103	+3V DC			M6D03	

NOTES:

1. * COMMON WITHIN CABLE-83, 85, & 98.
2. X COMMON WITHIN CABLE.



P/N 740549
WIRING SIDE

DATE	EC NUMBER	DATE	EC NUMBER	I/O TESTER INTERFACE (TROS)			
FEB67	420900			DATE	FEB67	P/N	2250858
						TYPE	2314/2844
				IBM		SP 201	

GATE 01A BOARD C3 → FLAT CABLE → I/O 1,2
GATE 01A BOARD C3 → FLAT CABLE → I/O 3,4 TO NEXT CONTROL UNIT OR TERMINATION

LINE TITLE	LOGIC PAGE					
	WITH 2 CH. SW.	W/O 2 CH SW	I/O 1,3 PIN NUMBER	I/O 2,4 PIN NUMBER		
BUS IN P CABLE CHNL A	GB001	GA001	G03			
BUS IN 0 CABLE CHNL A	GB001	GA001	J04			
BUS IN 1 CABLE CHNL A	GB001	GA001	G05			
BUS IN 2 CABLE CHNL A	GB001	GA001	J06			
BUS IN 3 CABLE CHNL A	GB001	GA001	G08			
BUS IN 4 CABLE CHNL A	GB001	GA001	J09			
BUS IN 5 CABLE CHNL A	GB001	GA001	G10			
BUS IN 6 CABLE CHNL A	GB001	GA001	J11			
BUS IN 7 CABLE CHNL A	GB001	GA001	G12			
BUS OUT P CABLE CHNL A	GB031	GA031	B03			
BUS OUT 0 CABLE CHNL A	GB031	GA031	D04			
BUS OUT 1 CABLE CHNL A	GB031	GA031	B05			
BUS OUT 2 CABLE CHNL A	GB031	GA031	D06			
BUS OUT 3 CABLE CHNL A	GB031	GA031	B08			
BUS OUT 4 CABLE CHNL A	GB031	GA031	D09			
BUS OUT 5 CABLE CHNL A	GB031	GA031	B10			
BUS OUT 6 CABLE CHNL A	GB031	GA031	D11			
BUS OUT 7 CABLE CHNL A	GB031	GA031	B12			
OPERATIONAL IN CABLE CHNL A	GB012	GA011		B03		
STATUS IN CABLE CHNL A	GB012	GA011		D04		
ADDRESS IN CABLE CHNL A	GB012	GA011		B05		
SERVICE IN CABLE CHNL A	GB012	GA011		D06		
ADDRESS OUT CABLE CHNL A	GB021	GA021		B10		
COMMAND OUT CABLE CHNL A	GB021	GA021		D11		
SUPPRESS OUT CABLE CHNL A	GB021	GA021		B12		
SERVICE OUT CABLE CHNL A	GB021	GA021		D13		
CLOCK OUT CABLE CHNL A	GB021	GA021		G03		
METERING OUT CABLE CHNL A	GB021	GA021		J04		
METERING IN CABLE CHNL A	GB012	GA021		G05		
REQUEST IN CABLE CHNL A	GB012	GA011		J06		
HOLD OUT CABLE CHNL A	GB021	GA021		G12		
OPERATIONAL OUT CHNL A	GB021	GA021		J13		

GATE 01A BOARD C3 → FLAT CABLE → I/O 2,3,4

LINE TITLE	LOGIC PAGE					
	WITH 2 CH. SW.	W/O 2 CH SW		I/O 2 PIN NUMBER	I/O 3 PIN NUMBER	I/O 4 PIN NUMBER
SELECT OUT CABLE CHNL A	GB021	GA021		D09		
SEL IN OUT CABLE A	GB061	GA061				B08
OUTGOING SEL OUT CABLE A	GB061	GA061				D09
SELECT IN CABLE CHNL A	GB061	GA061		B08		
	LOGIC PAGE		CONNECTOR	(EPO CHANNEL A)		
24 VAC	YA007		PC1-1			
EPO CTR	YA021		PC1-2			
PWR COMP IN	YA031		PC1-3			
PWR COMP OUT	YA031		PC1-4			
PWR CTR HOLD	YA021		PC1-5			
PWR CTR PICK	YA021		PC1-6			

I/O CONNECTORS				
CHANNEL A			P N	2209808
DATE			TYPE	
IBM				WC011

DATE	EC NUMBER
JUL 66	416125
SEPT 66	416126
JUN 67	420906

SIGNAL CABLES - FCU TO FILE DRIVES

FROM/TO FCU LINE TITLE	FCU LOGIC PAGE		FILE LOGIC PAGE	TO WF002 LINE TITLE
BUS 0 OR WRITE GATE	HA021		WF002	FILE BUS 0
BUS 1 OR READ GATE	HA021		WF002	FILE BUS 1
BUS 2 OR SEEK START	HA021		WF002	FILE BUS 2
BUS 3 OR HEAD RST	HA021		WF002	FILE BUS 3
BUS 4 OR ERASE GATE	HA021		WF002	FILE BUS 4
BUS 5 OR SEL HEAD	HA021		WF002	FILE BUS 5
BUS 6 OR RET TO 00	HA021		WF002	FILE BUS 6
BUS 7 OR HEAD ADV	HA021		WF002	FILE BUS 7
SET DIFF	HA021		WF002	SET DIFFERENCE
SET CYL	HA021		WF002	SET CYLINDER
SET SIGN HEAD	HA021		WF002	SET HEAD & DIRECTION
CONTROL	HA021		WF002	CONTROL
CYLINDER ADDR REG 1	HA051		WF002	CYLINDER ADDR REG 1
CYLINDER ADDR REG 2	HA051		WF002	CYLINDER ADDR REG 2
CYLINDER ADDR REG 4	HA051		WF002	CYLINDER ADDR REG 4
CYLINDER ADDR REG 8	HA051		WF002	CYLINDER ADDR REG 8
CYLINDER ADDR REG 16	HA051		WF002	CYLINDER ADDR REG 16
CYLINDER ADDR REG 32	HA051		WF002	CYLINDER ADDR REG 32
CYLINDER ADDR REG 64	HA051		WF002	CYLINDER ADDR REG 64
CYLINDER ADDR REG 128	HA051		WF002	CYLINDER ADDR REG 128
SELECTED FILE BUSY	HA060		WF002	SELECTED BUSY
SELECTED ON LINE	HA060		WF002	SELECTED ON LINE
SELECTED INDEX	HA060		WF002	SELECTED INDEX
SELECTED UNSAFE	HA060		WF002	FILE UNSAFE
SELECTED SEEK INC	HA060		WF002	SELECTED SEEK INCOMP
SELECTED END OF CYL	HA060		WF002	SELECTED END OF CYL
PACK CHANGE	HA060		WF002	PACK CHANGE
WRITE CURRENT SENSE	HA072		WF002	WRITE CURRENT SENSE
MOD 0 SELECT	HA022		WF002	SELECT MOD 0
MOD 1 SELECT	HA022		WF002	SELECT MOD 1
MOD 2 SELECT	HA022		WF002	SELECT MOD 2
MOD 3 SELECT	HA022		WF002	SELECT MOD 3
MOD 4 SELECT	HA022		WF002	SELECT MOD 4
MOD 5 SELECT	HA022		WF002	SELECT MOD 5
MOD 6 SELECT	HA022		WF002	SELECT MOD 6
MOD 7 SELECT	HA022		WF002	SELECT MOD 7
SPARE MOD SELECT	HA022		WF002	SPARE MOD SELECT
GATED ATTENTION 0	HA061		WF002	GATED ATTENTION 0
GATED ATTENTION 1	HA061		WF002	GATED ATTENTION 1
GATED ATTENTION 2	HA061		WF002	GATED ATTENTION 2
GATED ATTENTION 3	HA061		WF002	GATED ATTENTION 3
GATED ATTENTION 4	HA061		WF002	GATED ATTENTION 4
GATED ATTENTION 5	HA061		WF002	GATED ATTENTION 5
GATED ATTENTION 6	HA061		WF002	GATED ATTENTION 6
GATED ATTENTION 7			WF002	GATED ATTENTION 7
GATED ATTENTION SPARE MOD	HA061		WF002	GATED ATTENTION SPARE MOD
-3 PWR ON RESET	PS061		WF002	-3 PWR ON + C.E. RESET SELECT LOCK

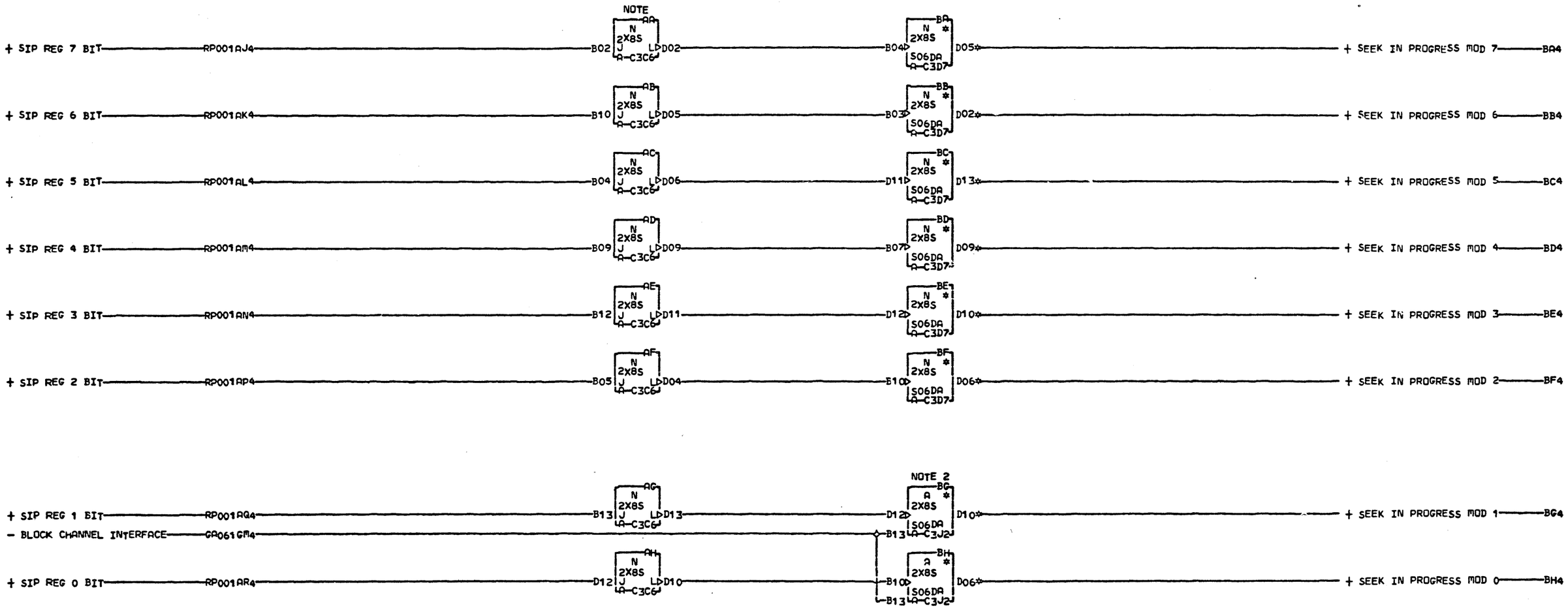
DC + DATA CABLES - FCU TO FILE DRIVES

	FCU LINE TITLE	FCU LOGIC PAGE		FILE LOGIC PAGE	FILE DRIVES LINE TITLE
	+3 FILE TERMINATOR	YA051		WF002	+3 FILE TERMINATOR
	HEADS EXTENDED	YA021		WF002	HEADS EXTENDED
	CONTROLED GND	YA021		WF002	CONTROLED GND FROM FCU
	+36 SEQUENCE PICK	YA051		WF002	SEQUENCE PICK IN
	+36	YA051		WF002	+36
	-36	YA061		WF002	-36
	+6	YA061	THESE OCCUR 9 TIMES,	WF002	+6
	+3	YA051	ONCE TO EACH FILE DRIVE	WF002	+3
	-3	YA061		WF002	-3
	GND	YA051/YA061		WF002	GND
	READ/WRITE COAX	NS001/2		WF002	READ/WRITE COAX
	DRIVE A/B →/J SELECTED (9)	HA042		WF002	SELECTED MODULE
	AC POWER	YA005		WF002	AC POWER
*	-3V	YA061		WF002	-3V
*	+6V	YA061		WF002	+6V
*	GND	YA031		WF002	GND
*	-ENABLE A	PS031	NOT USED WITH	WF002	-ENABLE A
*	-DISABLE A	PS031	REMOTE ATTACHMENT	WF002	-DISABLE A
*	-ENABLE B	PS031	SWITCH FEATURE	WF002	-ENABLE B
*	-DISABLE B	PS031		WF002	-DISABLE B
*	+6 TO -3 MULTI-TAG SW	PS031		WF002	+6 TO -3 MULTI-TAG SW

* OPTIONAL FEATURE TWO CHANNEL SWITCH

NOTE: FOR GENERAL CABLE SCHEMATIC SEE WF001

DATE	EC NUMBER	DATE	EC NUMBER	FCU TO FILE FEED THRU		
APR 66	416034			DATE	4-28-66	P/N 2209827
JUNE66	416124					TYPE 2314
AUG 66	416128			IBM		WF011
SEP 66	416126					



NOTE. PLUG SLT CARDS IN C3C6 A
C3D7 ONLY IF 2X8 FILE SWITCH
X FEATURE AND NOT 2 CHANNEL SW
R INSTALLED.
0 NOTE 2. A MINUS INPUT AT B13
0 PIN WILL DEGATE THESE CIRCUITS
4

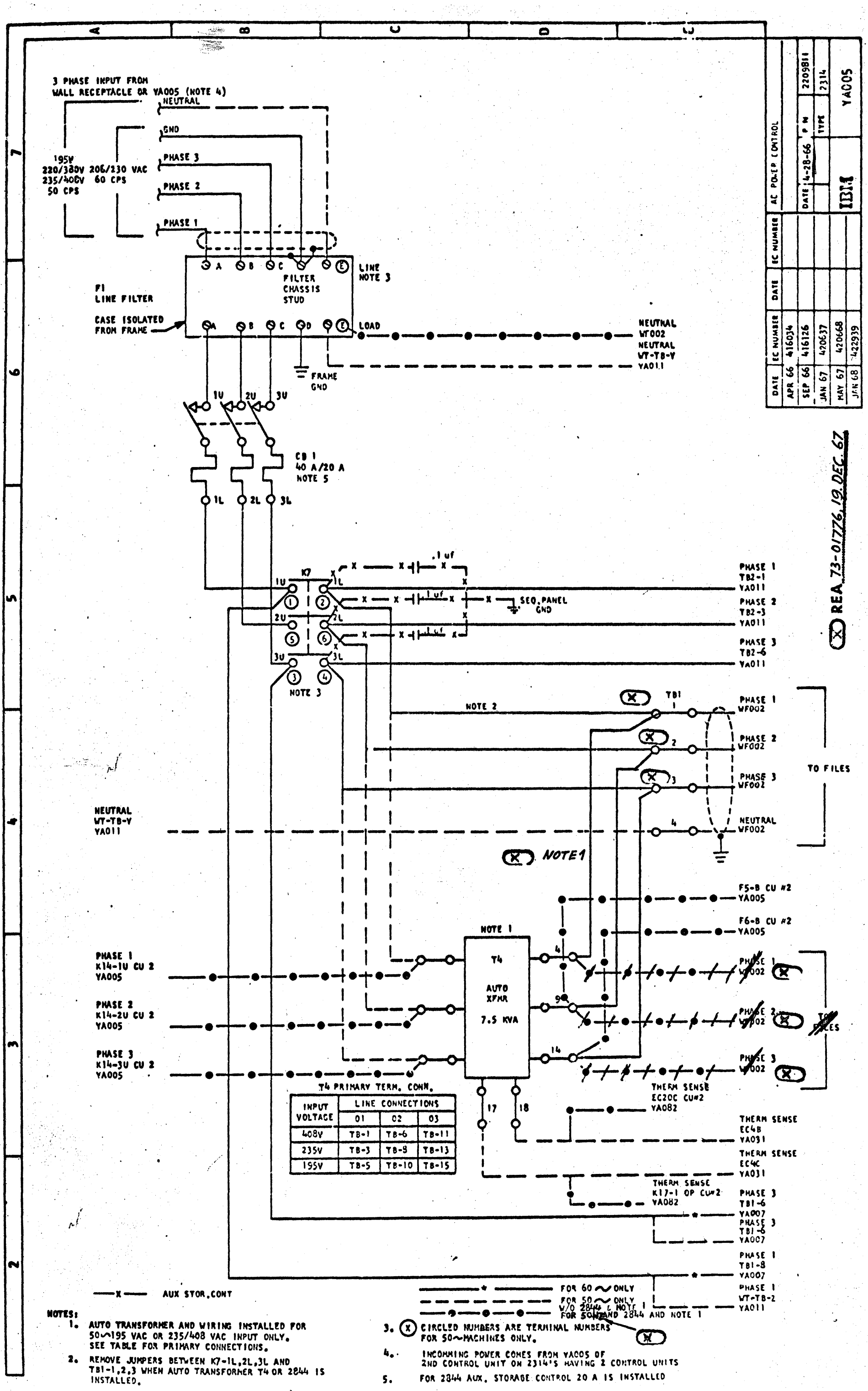
000

BA4	A-C3B7B07
BB4	A-C3B7D06
BC4	A-C3B7D05
BD4	A-C3B7B05
BE4	A-C3B7D04
BF4	A-C3B7B04
BG4	A-C3B7B03
BH4	A-C3B7D02

LOC.	TYPE
A-C3C6	3016
A-C3D7	1443
A-C3J2	1443

SEEK IN PROGRESS MODS 0 TO 7
BASIC 2314 TO 2X8 SWITCH

E.C.-HISTORY	MACH.2314-FCU	
416125		X
416130	FRAME 01	R
420906		0
420912	IBM CORP. SDD	4
DATE LAST EC		000
08-28-67 420907	P.No. 2209192	



DATE	EC NUMBER	DATE	EC NUMBER	AC POWER CONTROL		
APR 66	416034			DATE 4-28-66	P N 2209811	
SEP 66	416126				TYPE 2314	YA005
JAN 67	420637			IBM		
MAY 67	420668					
JAN 68	422939					

REA 73-01776, 19 DEC. 67

NOTES:

1. AUTO TRANSFORMER AND WIRING INSTALLED FOR 50~195 VAC OR 235/408 VAC INPUT ONLY. SEE TABLE FOR PRIMARY CONNECTIONS.
2. REMOVE JUMPERS BETWEEN K7-1L,2L,3L AND TB1-1,2,3 WHEN AUTO TRANSFORMER T4 OR 2844 IS INSTALLED.
3. (X) CIRCLED NUMBERS ARE TERMINAL NUMBERS FOR 50~MACHINES ONLY.
4. INCOMMING POWER COMES FROM YA005 OF 2ND CONTROL UNIT ON 2314'S HAVING 2 CONTROL UNITS
5. FOR 2844 AUX. STORAGE CONTROL 20 A IS INSTALLED

FOR 60 CPS PRIM. TERM. CONN		FOR 50 CPS PRIM. TERM. CONN	
INPUT VOLTAGE	LINE CONN.	INPUT VOLTAGE	LINE CONN.
208V	TB1-1/4	195V Δ	TB1-1/3
230V	TB1-1/5	220V Δ 380V Y	TB1-1/5
		235V Δ 408V Y	TB1-1/6

CONTROL TRANSFORMER T1

T1TB1 6 — 24V
T1TB1 8 — 5h
24V AC CPU (PC 2-1) WC012
24V AC CPU (PC 1-1) WC011
K1-1
24V AC (CONTR) EC1a YA021

5
4 — COM — 7
3
C CP4 2A
24V AC COM K7 COIL B YA021
24V AC COM B86-4 YA051
TBDB1-22 YA052

T1TB2 4 — 40V — NOTE 2
40V AC METER CD T-4 PS031

1 — COM — 7 — NOTE 2
40V AC COM METER CD T-3 PS031
CU #2 K15-3 N/C YA082
CU #2 K15-4 N/C YA082

CONV OUTLET YA007 CU #2 NOTE 1

LOCATED IN FILE DRIVES F/J

FOR 60 CPS TB1 JUMPER CONNECTION		
INPUT VOLTAGE	JUMPER FROM	JUMPER TO
208V	TB1-6	TB1-7
230V	TB1-6	TB1-5

WIRING FOR CONV OUTLET
60 CPS

PHASE 3 K7-3U YA005
PHASE 1 K7-1U YA005

TB1 5 — 230V
6 — 208
7
8 — A F3 B — 6.25A

CONV. XFMR T3

115V — 1U K6 1L
COM — 2U 2L

NOTE 2
CONV OUTLET YA007 CU #2 NOTE 1

CONV OUTLET YA007 CU #2 NOTE 1

FOR 50 CPS TB1 JUMPER CONNECTION		
LINE CONNECTIONS	JUMPER FROM	JUMPER TO
195V 220V 235V Δ	TB1-8	TB1-7
380V 408V Y	TB1-8	TB1-9

WIRING FOR CONV OUTLET
50 CPS

LOCATED IN FILE DRIVE F/J — NOTE 1

PHASE 3 K7-3U YA005
NEUTRAL (PHASE 1) WT-TB-X YA011

TB1 6 — A F3 B — 8A
7 — F4 — 8A
8
9

K6 2 3 4

NOTE 2
CONV OUTLET YA007 CU #2 NOTE 1

—*— 60 CPS WIRING
— — — 50 CPS WIRING
—●—●— OPTIONAL FEATURE WIRING

NOTES:
1. THIS WIRING PRESENT WITH THE 2844 AUX STORAGE CONTROL ONLY
2. WITH AUX. STORAGE CONTROL, THESE WIRES NOT IN THE MACHINE

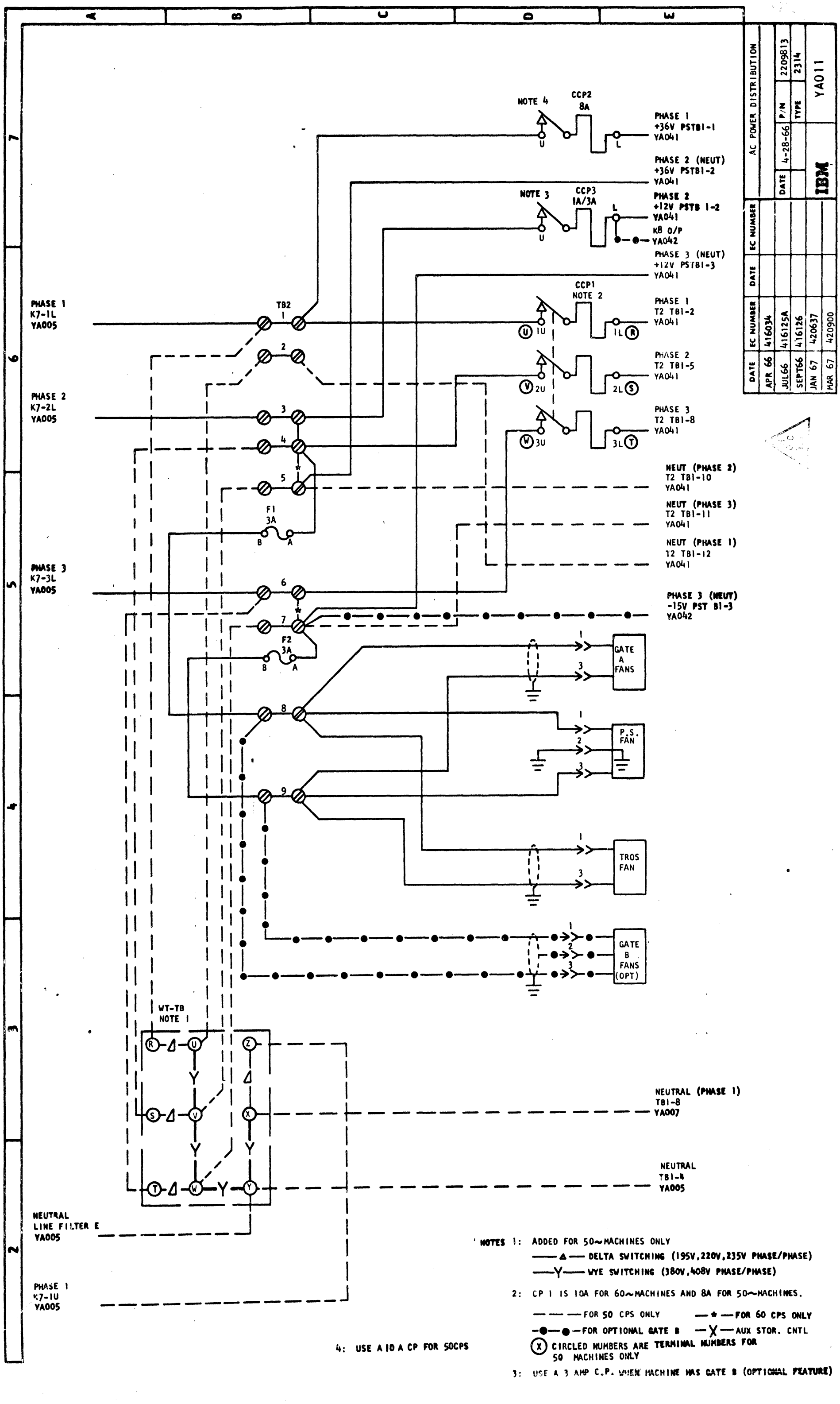
DATE	EC NUMBER	DATE	EC NUMBER
APR 66	416034	AUG 67	420912
SEPT 66	416126		
JAN 67	420637		
FEB67	420900		
MAY 67	420668		

CONTROL TRANS AND CE OUTLET

DATE 4-28-66 P/N 2209812
TYPE 2314

IBM

YA007

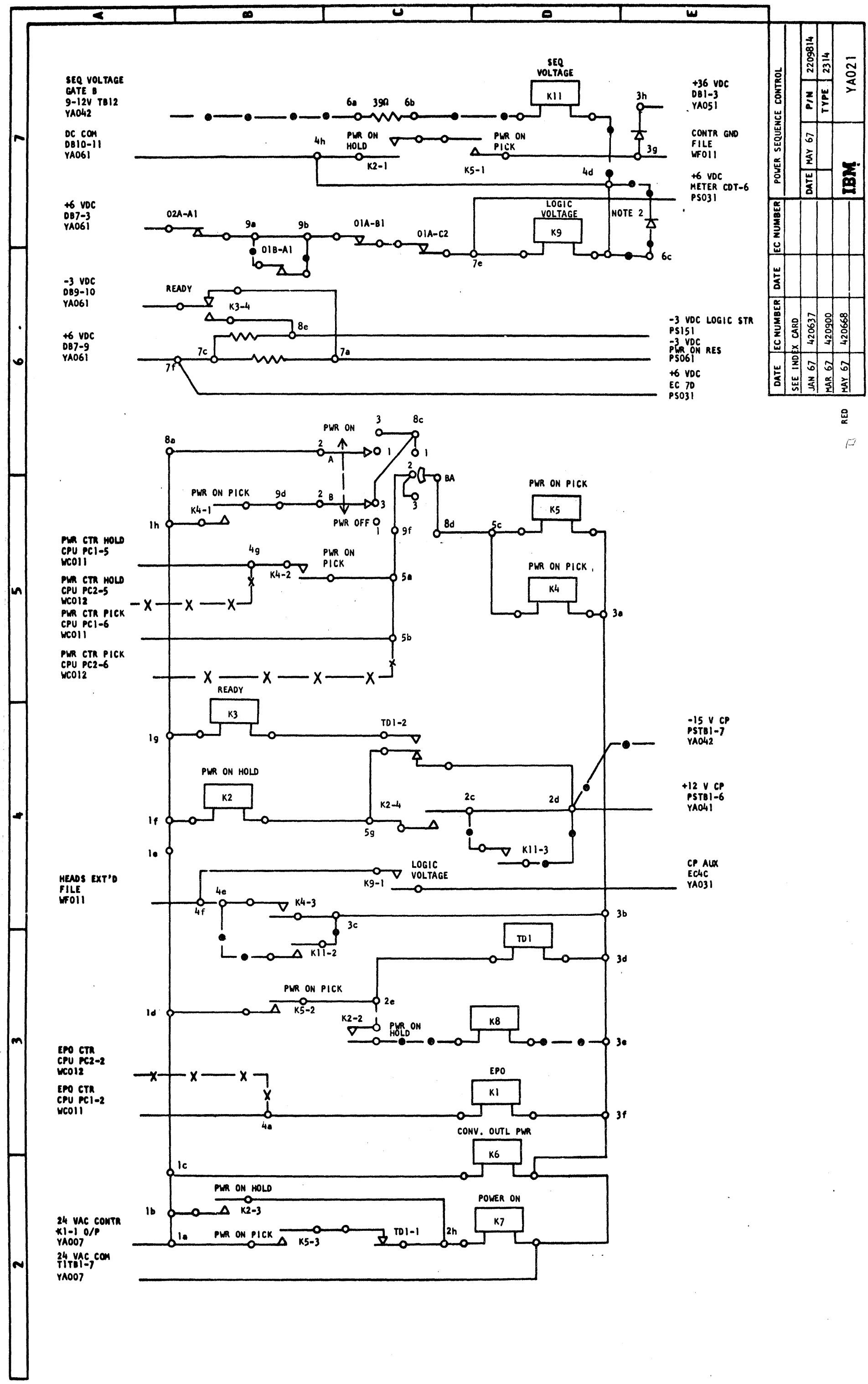


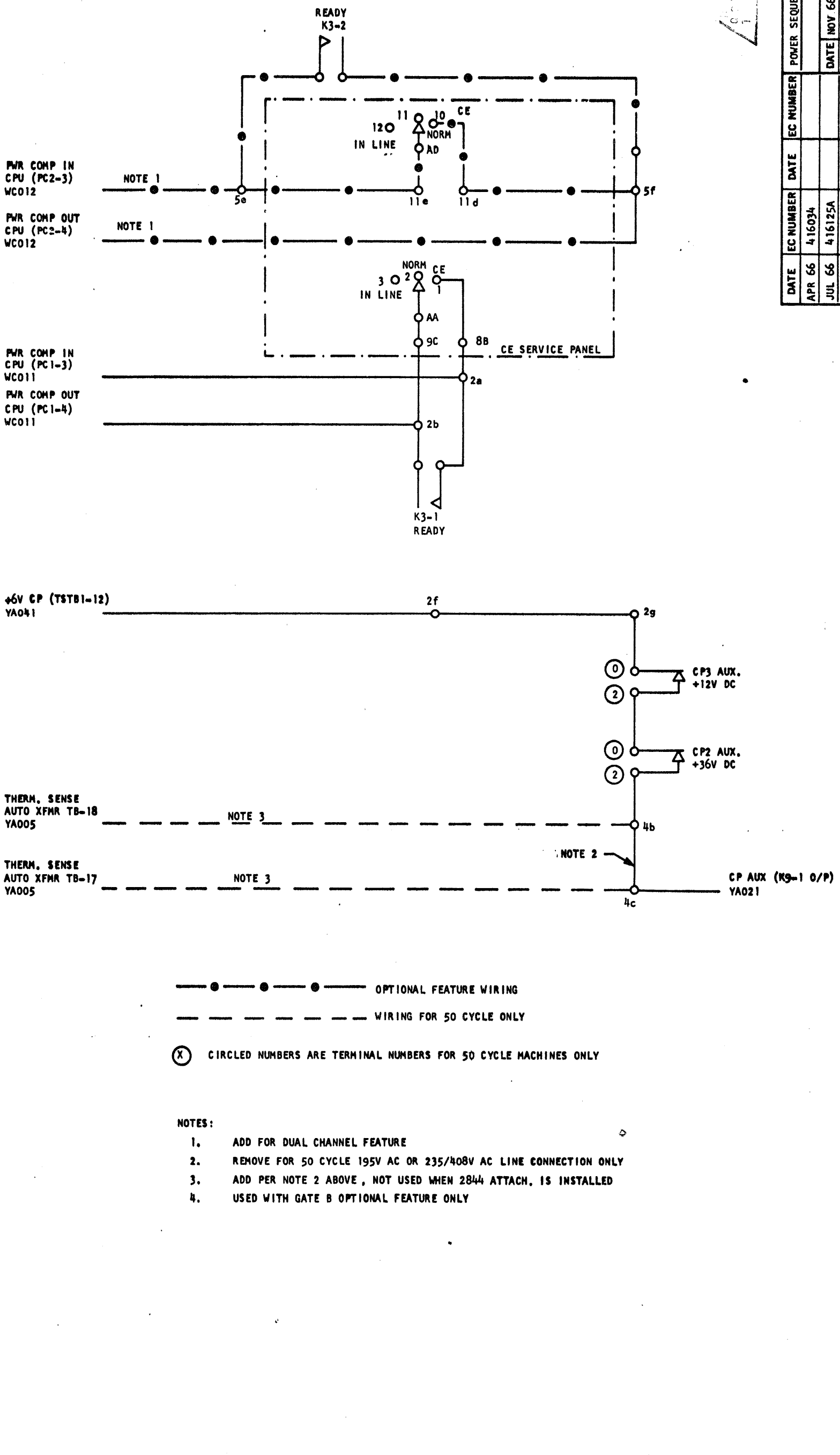
NOTES 1: ADDED FOR 50~MACHINES ONLY
—Δ— DELTA SWITCHING (195V,220V,235V PHASE/PHASE)
—Y— WYE SWITCHING (380V,408V PHASE/PHASE)

2: CP 1 IS 10A FOR 60~MACHINES AND 8A FOR 50~MACHINES.
— — — FOR 50 CPS ONLY — * — FOR 60 CPS ONLY
—●—● FOR OPTIONAL GATE B —X— AUX STOR. CNTL
(X) CIRCLED NUMBERS ARE TERMINAL NUMBERS FOR 50 MACHINES ONLY

3: USE A 3 AMP C.P. WHEN MACHINE HAS GATE B (OPTIONAL FEATURE)

4: USE A 10 A CP FOR 50CPS


SEQ VOLTAGE GATE B
9-12V TB12
YA042
DC COM
DB10-11
YA061
+6 VDC
DB7-3
YA061
-3 VDC
DB9-10
YA061
+6 VDC
DB7-9
YA061
SEQ VOLTAGE
K11
6a
39Ω
6b
3h
3g
+36 VDC
DB1-3
YA051
CONTR GND
FILE
WF011
4h
PWR ON HOLD
K2-1
PWR ON PICK
K5-1
4d
+6 VDC
METER CDT-6
PS031
02A-A1
9a
9b
01A-B1
01A-C2
01B-A1
7e
LOGIC VOLTAGE
K9
NOTE 2
6c
READY
K3-4
8e
7c
7a
7f
-3 VDC LOGIC STR
PS151
-3 VDC
PWR ON RES
PS061
+6 VDC
EC 7D
PS031
PWR ON
3
8c
8a
2
A
1
1
2
BA
3
PWR ON PICK
9d
2
B
3
K4-1
1h
PWR OFF
1
9f
8d
5c
PWR ON PICK
K5
PWR CTR HOLD
CPU PC1-5
WC011
PWR CTR HOLD
CPU PC2-5
WC012
PWR CTR PICK
CPU PC1-6
WC011
PWR CTR PICK
CPU PC2-6
WC012
4g
K4-2
PWR ON PICK
5a
5b
PWR ON PICK
K4
3a
READY
K3
1g
TD1-2
-15 V CP
PSTB1-7
YA042
PWR ON HOLD
K2
1f
K2-4
5g
2c
2d
+12 V CP
PSTB1-6
YA041
K11-3
1e
LOGIC VOLTAGE
K9-1
CP AUX
EC4C
YA031
HEADS EXT'D
FILE
WF011
4e
4f
K4-3
3b
3c
K11-2
TD1
3d
PWR ON PICK
1d
K5-2
2e
K2-2
PWR ON HOLD
K8
3e
EPO CTR
CPU PC2-2
WC012
EPO CTR
CPU PC1-2
WC011
4a
EPO
K1
3f
CONV. OUTL PWR
K6
1c
PWR ON HOLD
1b
K2-3
POWER ON
K7
24 VAC CONTR
K1-1 O/P
YA007
1a
PWR ON PICK
K5-3
TD1-1
2h
24 VAC COM
T1TB1-7
YA007
DATE
EC NUMBER
DATE
EC NUMBER
SEE INDEX CARD
JAN 67
420637
MAR 67
420900
MAY 67
420668
POWER SEQUENCE CONTROL
DATE
MAY 67
P/N
2209814
TYPE
2314
IBM
YA021
RED



DATE	EC NUMBER
APR 66	416034
JUL 66	416125A
AUG 66	416127
SEPT 66	416126
JAN 67	420637

EC NUMBER | DATE

POWER SEQUENCE

DATE NOV 66 | P/N 2209815

TYPE 2314

IBM

YA031

NOTES:

1. ADD FOR DUAL CHANNEL FEATURE
2. REMOVE FOR 50 CYCLE 195V AC OR 235/408V AC LINE CONNECTION ONLY
3. ADD PER NOTE 2 ABOVE, NOT USED WHEN 2844 ATTACH. IS INSTALLED
4. USED WITH GATE B OPTIONAL FEATURE ONLY

+36V P.S. PRIMARY CONN.			
FOR 60 CPS PRIM TERM CONN		FOR 50 CPS PRIM TERM CONN	
INPUT VOLTAGE	LINE CONN	INPUT VOLTAGE	LINE CONN
208V	1-2	195V	1-2
230V	1-3	220V	1-3
		235V	1-4

+12V P.S. PRIMARY CONN.				
FOR 60 CPS PRIM TERM CONNECT			FOR 50 CPS PRIM TERM CONN	
INPUT VOLTAGE	LINE CONN	JUMPER	INPUT VOLTAGE	LINE CONN
208V	2-3	1-4	195V	1-2
230V	2-3	1-5	220V	1-3
			235V	1-4

PHASE 2 CP 3-L YA011
PHASE 3 (NEUT) TB2-7 YA011
+12V CP (EC2d) YA021
9-12V CP (TSTB1-6) YA042
PHASE 1 CP2-L YA011
PHASE 2 (NEUT) TB2-5 YA011
SEE TABLE FOR ALTERNATE CONN
NOTE 1
SEE TABLE FOR ALTERNATE CONN.

PS +12V 2.5A
REF: YB041
CP SENSE
R 12 25Ω,25W NOTE 2
+12V DC GT A BUSS T4 YA071
GTB BUSS T4 YA072
+12 VDC COM DB8-3 YA061
GTB BUSS T3 YA072

PS +36V 25A
REF: YB041
+36V DC DB1-1 YA051
+36V DC DB3-1 YA051
+36V DC COM DB2-1 YA051
+36V DC COM DB6-3 YA051

T2 MIDPACK XFMR-
REF: YB011
T2TB1
T2TB2
T2TB3

PS +6V 40A
REF: YB031
CP SENSE
+6V DC DB7-1 YA061
+6V DC DB7-2 YA061
+6V DC COM DB8-2 YA061
+6V DC COM DB10-2 YA061
+6V CP (EC2f) YA031

PS +3V 45A
REF:YB021
CP SENSE
+3V DC DB5-1 YA051
+3V DC DB4-1 YA051
+3V DC COM DB8-1 YA061
+3V DC COM DB10-1 YA061

PS -36V 4A
REF: YB021
CP SENSE
-36V DC COM DB6-1 YA051
-36V DC DB11-1 YA061

PS -3V 20A
REF: YB031
CP SENSE
-3V DC COM DB6-2 YA051
-3V DC DB9-1 YA061

PHASE 1 CP1-1L YA011
PHASE 2 CP1-2L YA011
PHASE 3 CP1-3L YA011
NEUT (PHASE 2) TB2-5 YA011
NEUT (PHASE 3) TB2-7 YA011
NEUT (PHASE 1) TB2-2 YA011

T2 PRIMARY CONNECTIONS

60 CPS			
INPUT WIRING	INPUT VOLTAGE	JUMPERS FROM	JUMPERS TO
TB1-2	230V	TB1-2	TB1-1
TB1-5		TB1-5	TB1-4
TB1-8		TB1-8	TB1-7
TB1-2	208V	TB1-2	TB1-3
TB1-5		TB1-5	TB1-6
TB1-8		TB1-8	TB1-9

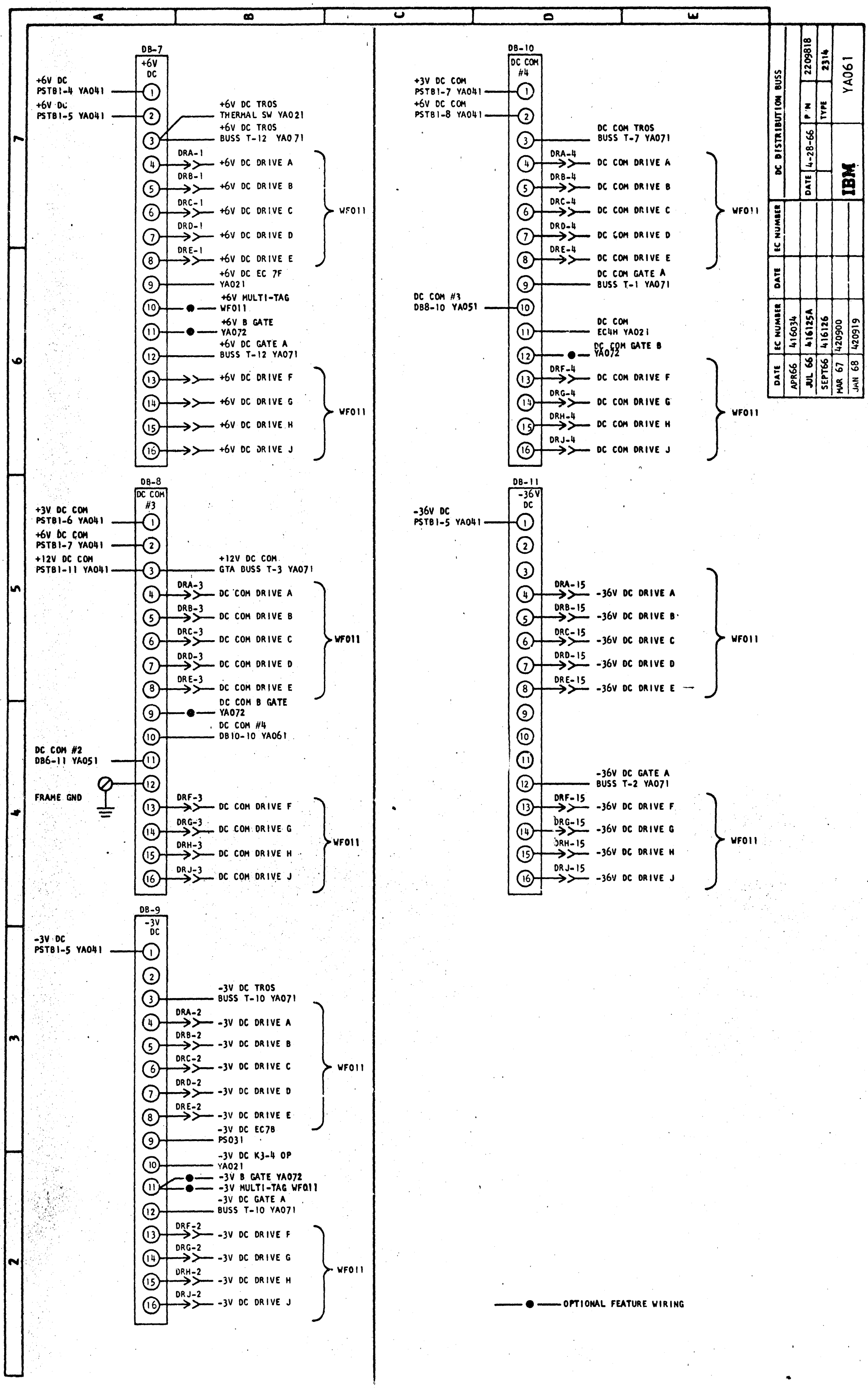
50 CPS			
	INPUT VOLTAGE		
	195V	220V	235V
INPUT WIRING	TB1-1	TB1-2	TB1-3
	TB1-4	TB1-5	TB1-6
	TB1-7	TB1-8	TB1-9
	TB1-10	TB1-10	TB1-10
	TB1-11	TB1-11	TB1-11
	TB1-12	TB1-12	TB1-12

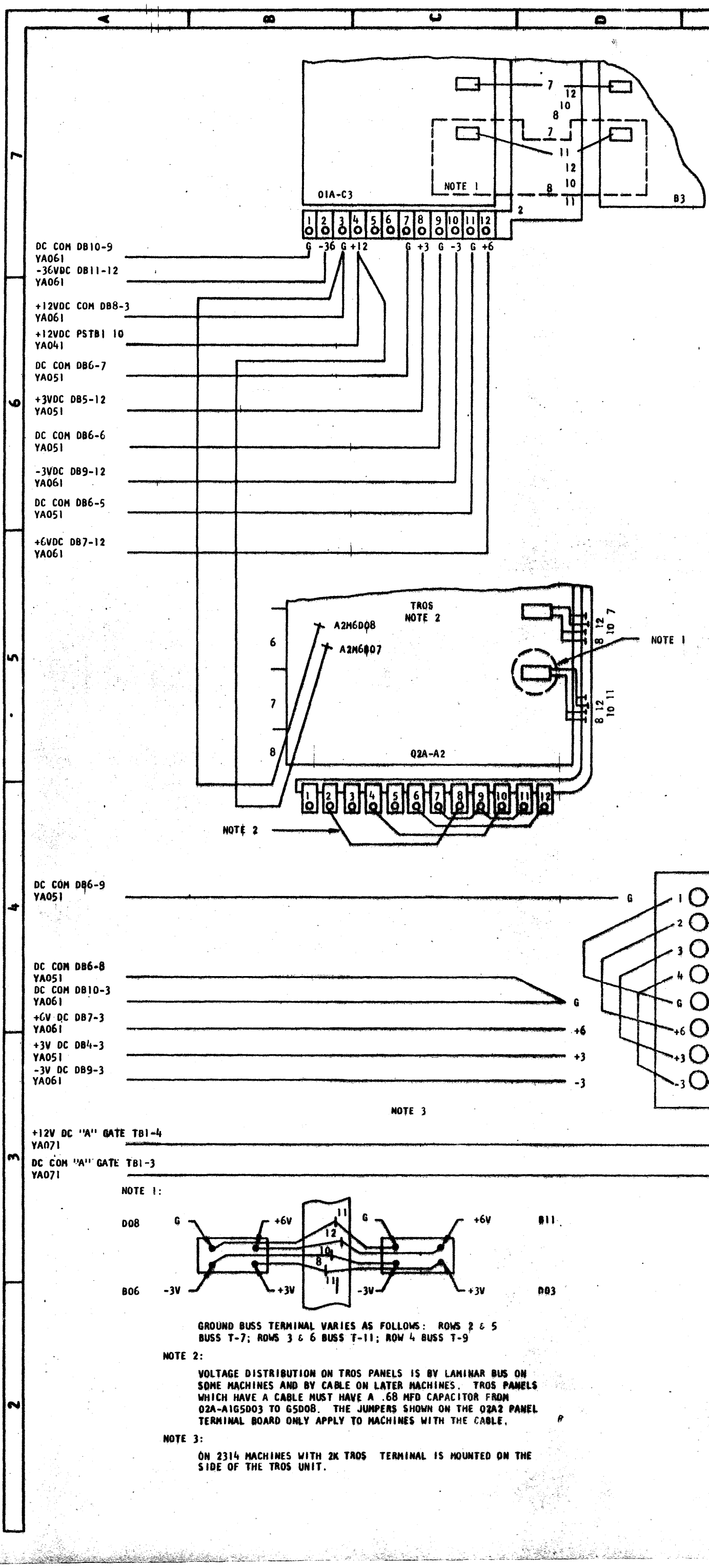
OPTIONAL FEATURE WIRING
60~ MACHINES ONLY
50~ MACHINES ONLY

NOTE: 1. REMOVE FOR GATE B OPTIONAL FEATURE
2. THIS RESISTOR IS LOCATED NEAR THE EDGE CONNECTORS IN THE POWER SEQUENCE BOX.

DATE	EC NUMBER
APR 66	416034
JUL 66	416125A
SEPT 66	416126
DEC 66	420637
MAY 67	420905

POWER SUPPLIES WIRING
DATE 4-28-66 P/N 2209816
TYPE 2314
IBM
YA041

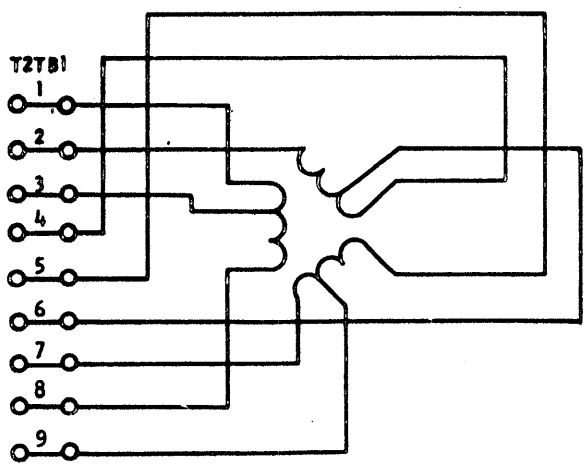

A
B
C
D
E
7
6
5
4
3
2
DB-7
+6V DC
+6V DC PSTB1-4 YA041
+6V DC PSTB1-5 YA041
+6V DC TROS THERMAL SW YA021
+6V DC TROS BUSS T-12 YA071
DRA-1 +6V DC DRIVE A
DRB-1 +6V DC DRIVE B
DRC-1 +6V DC DRIVE C
DRD-1 +6V DC DRIVE D
DRE-1 +6V DC DRIVE E
WF011
+6V DC EC 7F YA021
+6V MULTI-TAG WF011
+6V B GATE YA072
+6V DC GATE A BUSS T-12 YA071
DRF-1 +6V DC DRIVE F
DRG-1 +6V DC DRIVE G
DRH-1 +6V DC DRIVE H
DRJ-1 +6V DC DRIVE J
WF011
DB-8
DC COM #3
+3V DC COM PSTB1-6 YA041
+6V DC COM PSTB1-7 YA041
+12V DC COM PSTB1-11 YA041
+12V DC COM GTA BUSS T-3 YA071
DRA-3 DC COM DRIVE A
DRB-3 DC COM DRIVE B
DRC-3 DC COM DRIVE C
DRD-3 DC COM DRIVE D
DRE-3 DC COM DRIVE E
WF011
DC COM B GATE YA072
DC COM #4 DB10-10 YA061
DC COM #2 DB6-11 YA051
FRAME GND
DRF-3 DC COM DRIVE F
DRG-3 DC COM DRIVE G
DRH-3 DC COM DRIVE H
DRJ-3 DC COM DRIVE J
WF011
DB-9
-3V DC
-3V DC PSTB1-5 YA041
-3V DC TROS BUSS T-10 YA071
DRA-2 -3V DC DRIVE A
DRB-2 -3V DC DRIVE B
DRC-2 -3V DC DRIVE C
DRD-2 -3V DC DRIVE D
DRE-2 -3V DC DRIVE E
WF011
-3V DC EC7B PS031
-3V DC K3-4 OP YA021
-3V B GATE YA072
-3V MULTI-TAG WF011
-3V DC GATE A BUSS T-10 YA071
DRF-2 -3V DC DRIVE F
DRG-2 -3V DC DRIVE G
DRH-2 -3V DC DRIVE H
DRJ-2 -3V DC DRIVE J
WF011
DB-10
DC COM #4
+3V DC COM PSTB1-7 YA041
+6V DC COM PSTB1-8 YA041
DC COM TROS BUSS T-7 YA071
DRA-4 DC COM DRIVE A
DRB-4 DC COM DRIVE B
DRC-4 DC COM DRIVE C
DRD-4 DC COM DRIVE D
DRE-4 DC COM DRIVE E
WF011
DC COM GATE A BUSS T-1 YA071
DC COM #3 DB8-10 YA051
DC COM EC4H YA021
DC COM GATE B YA072
DRF-4 DC COM DRIVE F
DRG-4 DC COM DRIVE G
DRH-4 DC COM DRIVE H
DRJ-4 DC COM DRIVE J
WF011
DB-11
-36V DC
-36V DC PSTB1-5 YA041
DRA-15 -36V DC DRIVE A
DRB-15 -36V DC DRIVE B
DRC-15 -36V DC DRIVE C
DRD-15 -36V DC DRIVE D
DRE-15 -36V DC DRIVE E
WF011
-36V DC GATE A BUSS T-2 YA071
DRF-15 -36V DC DRIVE F
DRG-15 -36V DC DRIVE G
DRH-15 -36V DC DRIVE H
DRJ-15 -36V DC DRIVE J
WF011
OPTIONAL FEATURE WIRING
DC DISTRIBUTION BUSS
DATE 4-28-66
P/N 2209818
TYPE 2314
YA061
IBM
DATE | EC NUMBER | DATE | EC NUMBER
APR66 | 416034
JUL 66 | 416125A
SEPT66 | 416126
MAR 67 | 420900
JAN 68 | 420919


A
B
C
D
E
7
6
5
4
3
2
01A-C3
NOTE 1
B3
1 2 3 4 5 6 7 8 9 10 11 12
G -36 G +12 G +3 G -3 G +6
DC COM DB10-9 YA061
-36VDC DB11-12 YA061
+12VDC COM DB8-3 YA061
+12VDC PSTB1 10 YA041
DC COM DB6-7 YA051
+3VDC DB5-12 YA051
DC COM DB6-6 YA051
-3VDC DB9-12 YA061
DC COM DB6-5 YA051
+6VDC DB7-12 YA061
TROS
NOTE 2
A2M6D08
A2M6B07
Q2A-A2
NOTE 2
NOTE 1
DC COM DB6-9 YA051
G
DC COM DB6-8 YA051
DC COM DB10-3 YA061
+6V DC DB7-3 YA061
+3V DC DB4-3 YA051
-3V DC DB9-3 YA061
G
+6
+3
-3
NOTE 3
+12V DC "A" GATE TB1-4 YA071
DC COM "A" GATE TB1-3 YA071
A1M7B07
A1M7D08
02A-A1
NOTE 1:
D08
B06
B11
D03
G
+6V
-3V
+3V
GROUND BUSS TERMINAL VARIES AS FOLLOWS: ROWS 2 & 5 BUSS T-7; ROWS 3 & 6 BUSS T-11; ROW 4 BUSS T-9
NOTE 2:
VOLTAGE DISTRIBUTION ON TROS PANELS IS BY LAMINAR BUS ON SOME MACHINES AND BY CABLE ON LATER MACHINES. TROS PANELS WHICH HAVE A CABLE MUST HAVE A .68 MFD CAPACITOR FROM 02A-A1G5D03 TO G5D08. THE JUMPERS SHOWN ON THE 02A2 PANEL TERMINAL BOARD ONLY APPLY TO MACHINES WITH THE CABLE.
NOTE 3:
ON 2314 MACHINES WITH 2K TROS TERMINAL IS MOUNTED ON THE SIDE OF THE TROS UNIT.
DC POWER DIST
DATE JUL69
P/N 2209823
TYPE 2314
IBM
YA071
DATE | EC NUMBER | DATE | EC NUMBER
APR66 416034
DEC66 420637
FEB67 420900
MAY67 420905
24JUL69 424046

T2 TFMR-RECT ASSEMBLY

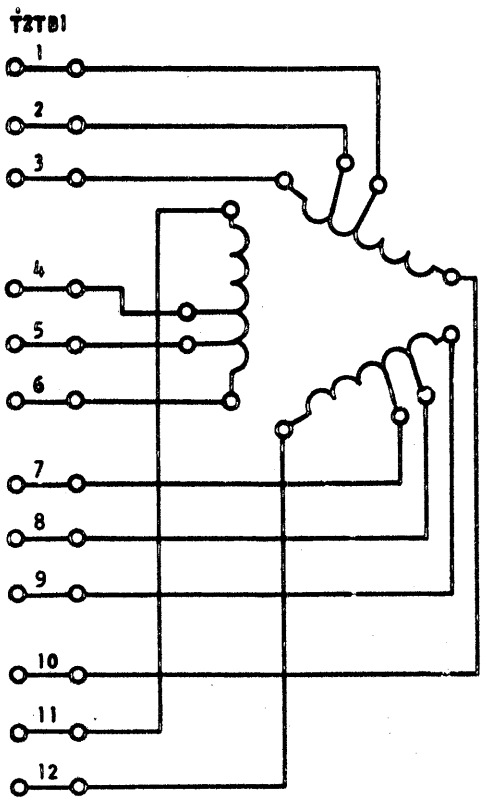
60~PRIMARY - 30

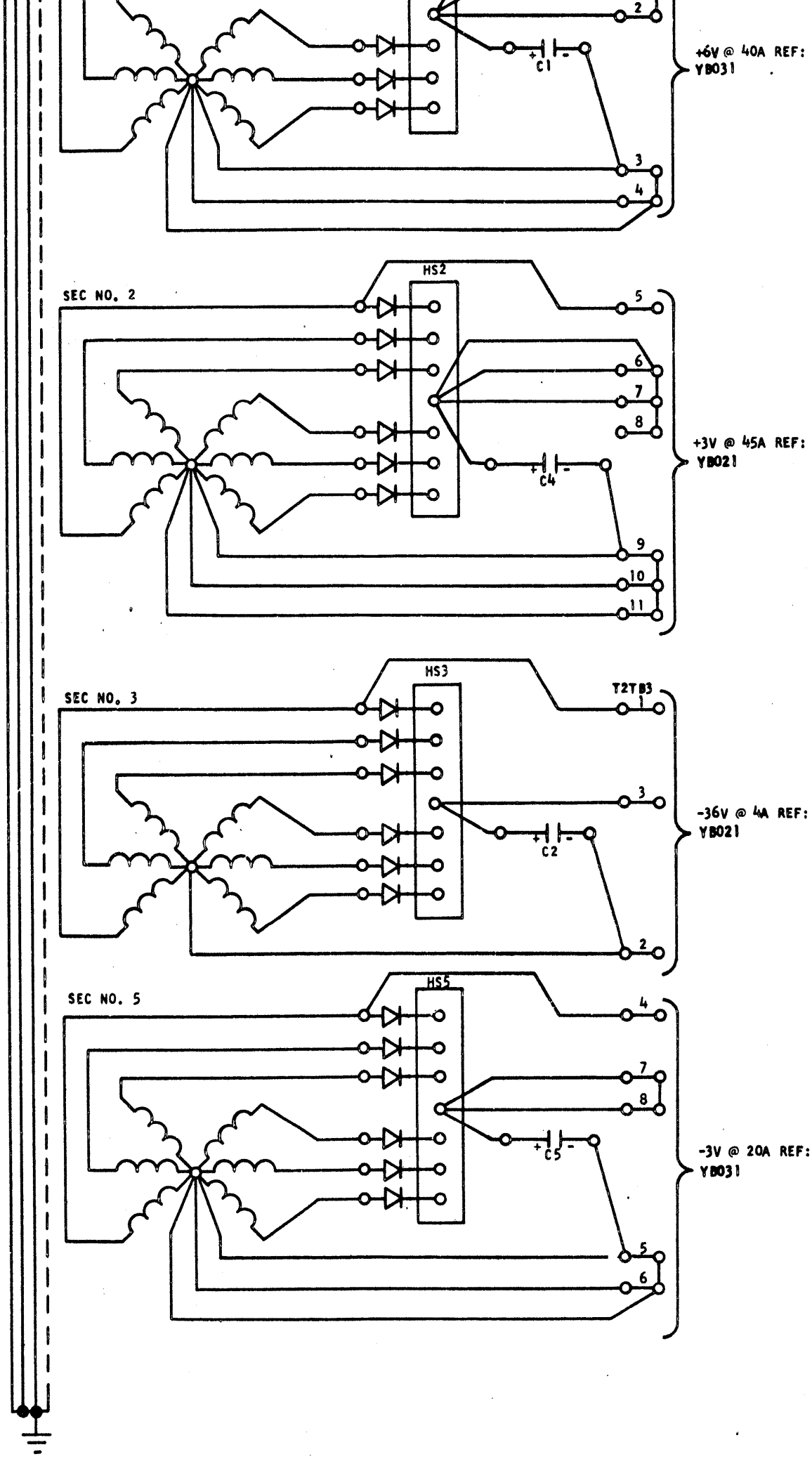
60 CPS PRIMARY CONN.			
INPUT WIRING	INPUT VOLTAGE	JUMPERS FROM	JUMPERS TO
TB1-2	230V	TB1-2	TB1-1
		TB1-5	TB1-4
TB1-5		TB1-8	TB1-7
TB1-8	208V	TB1-2	TB1-3
		TB1-5	TB1-6
		TB1-8	TB1-9



50~PRIMARY - 30

50 CPS PRIMARY CONN.			
	INPUT VOLTAGE		
INPUT WIRING	195V	220V	235V
	TB1-1	TB1-2	TB1-3
	TB1-4	TB1-5	TB1-6
	TB1-7	TB1-8	TB1-9
	TB1-10	TB1-10	TB1-10
	TB1-11	TB1-11	TB1-11
	TB1-12	TB1-12	TB1-12





DATE	EC NUMBER	DATE	EC NUMBER
APR 66	416034		
MAY 67	420905		

T2 TFMR-RECT ASM

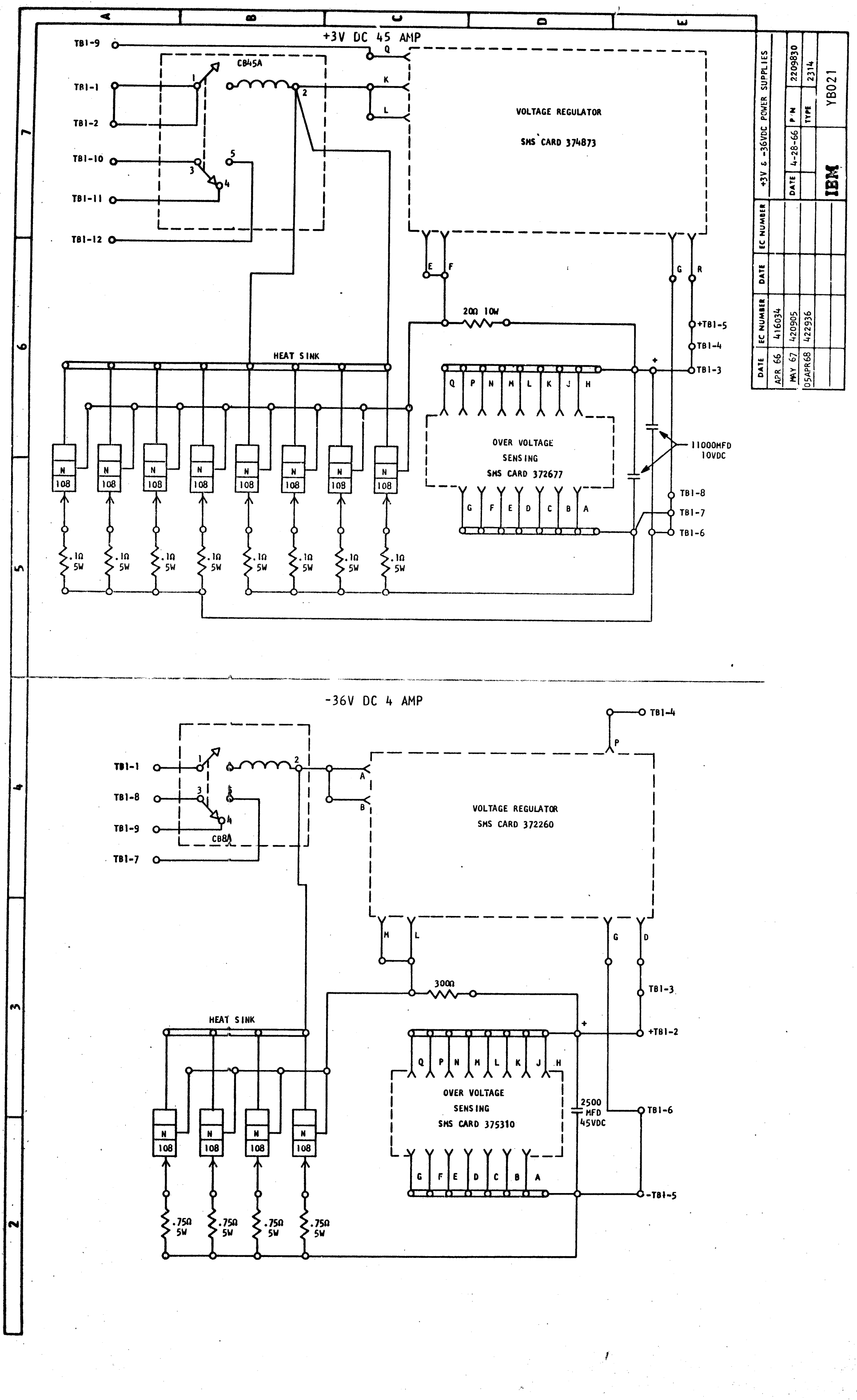
DATE 4-28-66 P/N 2209841

TYPE 2314

IBM

YB011

YB011



DATE	EC NUMBER	DATE	EC NUMBER
APR 66	416034		
MAY 67	420905		
05APR68	422936		

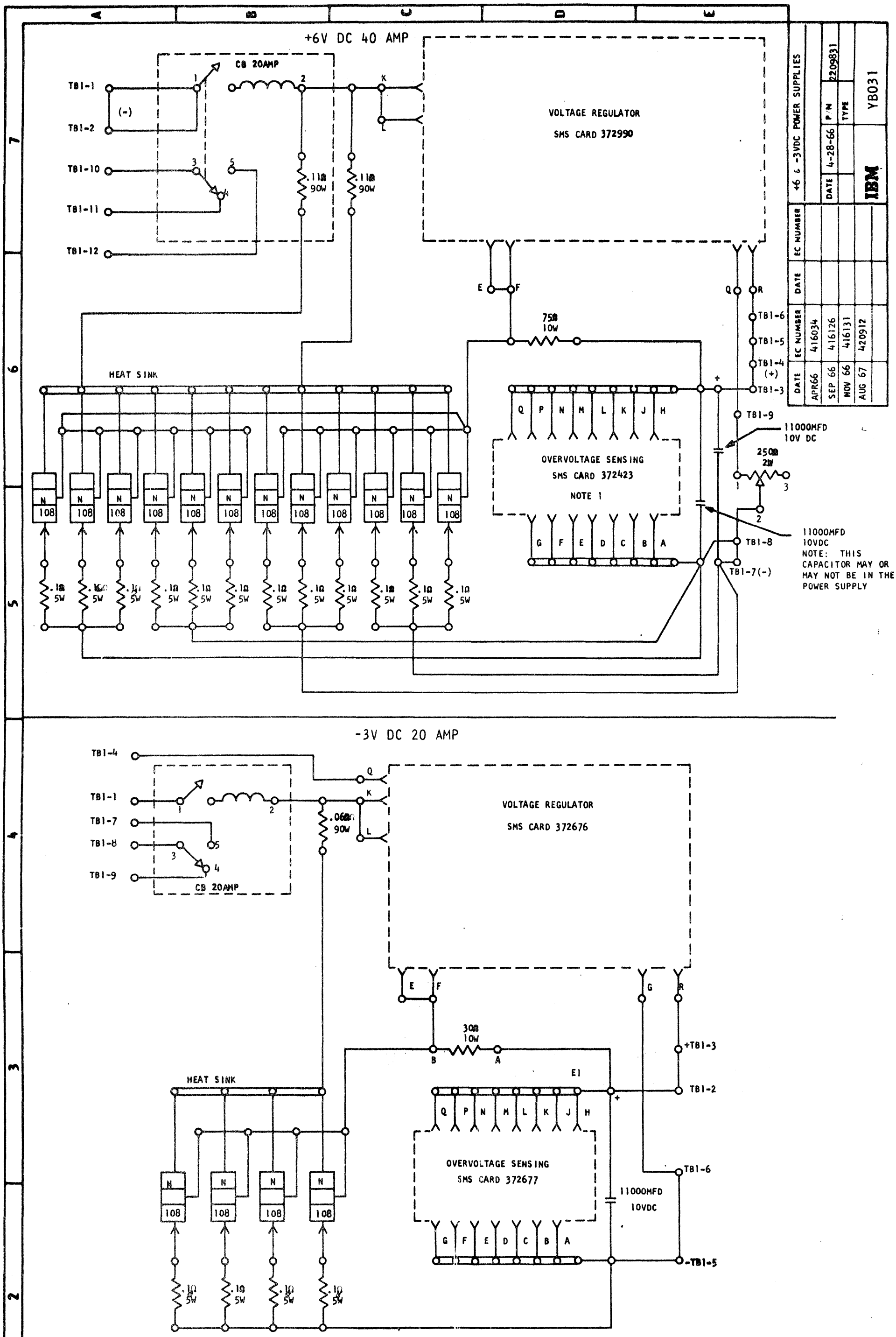
+3V & -36VDC POWER SUPPLIES

DATE 4-28-66 P'N 2209830

TYPE 2314

IBM

YB021



NOTES:

1. SMS CARD 372423 IS REPLACED BY SMS CARD 375162 FOR 2844 AND 2314 WITH 2844 ATTACHMENT.

DATE	EC NUMBER	DATE	EC NUMBER
APR 66	416034		
SEP 66	416126		
NOV 66	416131		
JAN 68	420919		
24JUL69	424046		

+12V & +36VDC POWER SUPPLIES

DATE 4-28-66 | P N 2209828 | TYPE 2314

IBM YB041

NOTE 1

K1

A B

TB1-1 TB1-2 TB1-3 TB1-4 TB1-5 TB1-6 TB1-7 TB1-8 TB1-9 TB1-10

VR1 1 2 3 4 5 6 7 8 9 10 11 12

50MFD 330VAC

NOTE 2

FUSE A B 17.5AMP

36V

36V

UPPER BUS (+)

LOWER BUS (-)

32000MFD 40VDC

CR1

CR2

NC OP K1-1 K1-2

5Ω 50W

NOTE 1

+36V POWER SUPPLY
P/N 5709630 (60 HZ)
P/N 5709640 (50 HZ)
NOTE: 3

FOR 60 CPS PRIM TERM CONN	
INPUT VOLTAGE	LINE CONN
208V	1-2
230V	1-3

FOR 50 CPS PRIM TERM CONN	
INPUT VOLTAGE	LINE CONN
195V	1-2
220V	1-3
235V	1-4

FOR 60 CPS PRIMARY TERM CONN.		
INPUT VOLTAGE	JUMPER	LINE CONN
208	1-4	2-3
230	1-5	2-3

FOR 50 CPS PRIMARY TERM CONN		
INPUT VOLTAGE	JUMPER	LINE CONN
195	-	1-2
220	-	1-3
235	-	1-4

T1

TB-1 TB-2 TB-3 TB-4 TB-5

CR1 CR2

.01MFD

8900 MFD

18.1VDC REF

1100Ω 2W

TB-8 TB-7 TB-6

CB 2.5.AMP

.5Ω 25W

N 119

N 108

TB-10 TB-11 TB-9 BOND TB-12 TB-13

+OUTPUT 12V -OUTPUT

5300MFD

+12V POWER SUPPLY

Q D A P G C L R E

OVERVOLTAGE SENSING
SMS CARD 372085

100Ω .5W

CW

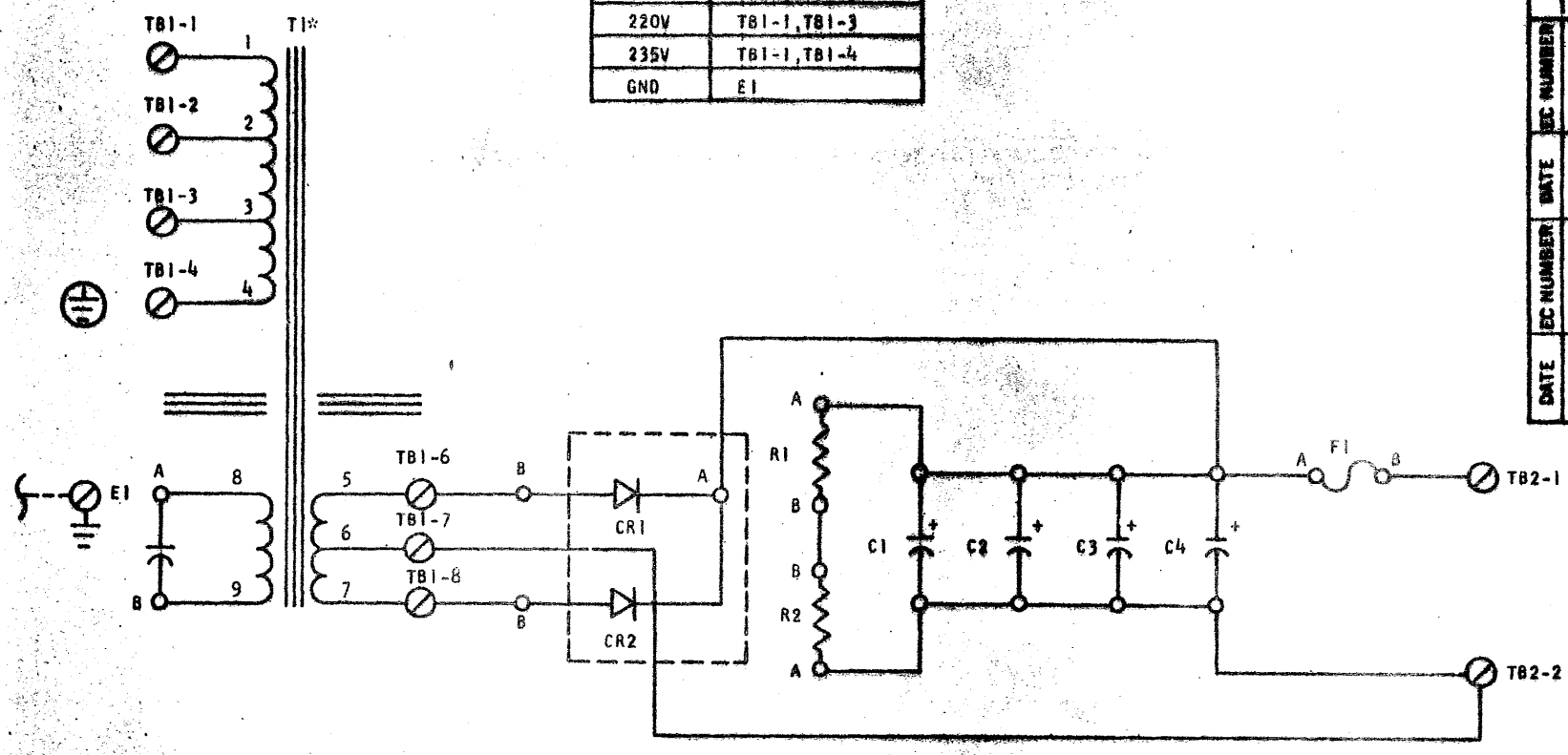
b a

OVERVOLTAGE SENSING
CARD 5253897

NOTE: 1. RELAY K1 ON THIS PAGE IS LOCATED WITHIN THE +36V POWER SUPPLY.
2. FUSE IS LOCATED IN +36V POWER SUPPLY
3. FOR +36V POWER SUPPLY P/N 5760737 OR P/N 5760750 REFER TO YB042

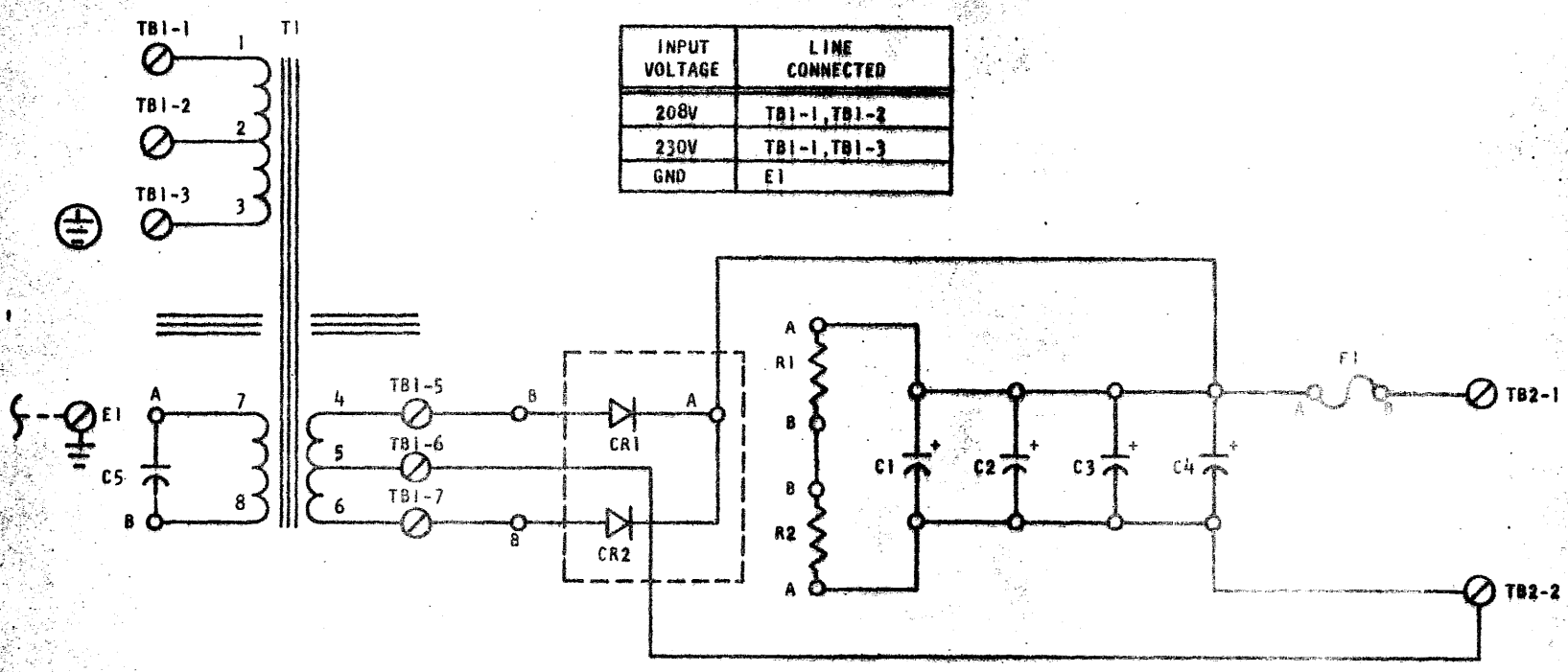
DATE	EC NUMBER	DATE	EC NUMBER	+36V DC 15A POWER SUPPLY	DATE	P/N 2261833
24JUL69	424046					TYPE YB042

INPUT VOLTAGE	LINE CONNECTED
200V	TB1-1, TB1-2
220V	TB1-1, TB1-3
235V	TB1-1, TB1-4
GND	E1



+36V-15A (50 HZ) P/N 5760750

INPUT VOLTAGE	LINE CONNECTED
208V	TB1-1, TB1-2
230V	TB1-1, TB1-3
GND	E1



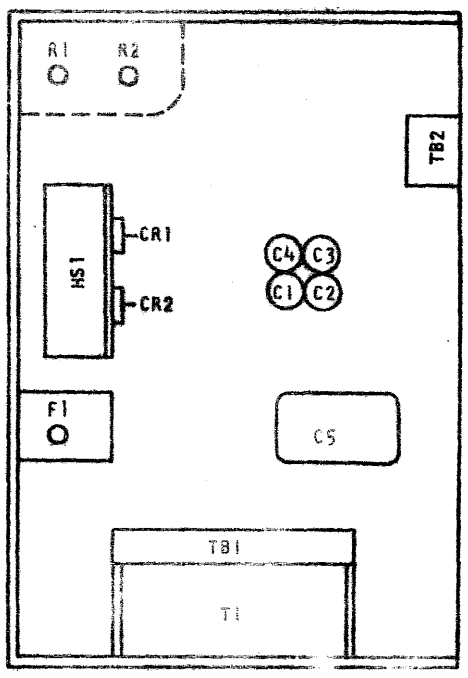
+36V-15A (60 HZ) P/N 5760737

PARTS LIST

SYMBOL	DESCRIPTION	QTY	PART NUMBER
C1-C4	CAPACITOR -32KμF 40V DC	4	5214073
C5	CAPACITOR -40μF 330V DC	1	5319839
CR1,CR2	DIODE 30A @ 150V	2	127324
R1,R2	RESISTOR 10Ω @ 100W	2	317317
T1	FERRO-REGULATOR	1	5760742
T1*	FERRO-REGULATOR	1	4118422
F1	FUSE - 15A	1	596676

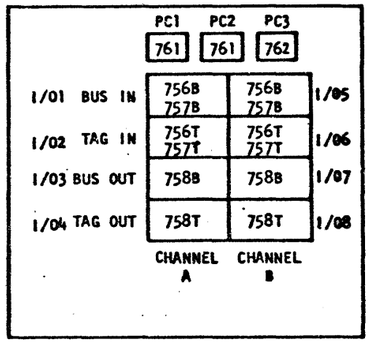
NOTE: FOR +36V POWER SUPPLY P/N 5709630 OR P/N 5709640 REFER TO YB041

COMPONENTS LOCATION
FRONT VIEW

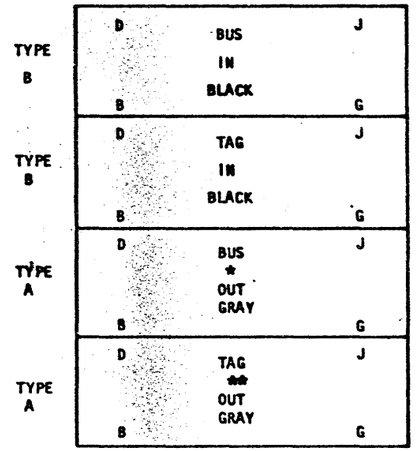


2314/2844 CABLE ROUTINE & IDENTIFICATION CHART

CABLES FOR CHANNEL SIGNALS PLUG INTO THE UPPER TWO POSITIONS, WHEN THE CONTROL UNIT IS IN SERIES WITH OTHER UNITS, CABLES TO NEXT UNIT WILL PLUG INTO THE LOWER TWO POSITIONS.
IF THE CONTROL UNIT IS THE LAST I/O UNIT OF THE SERIES THE LINES MUST BE TERMINATED BY LINE TERMINATORS PLUGGED INTO THE LOWER TWO POSITIONS AS SHOWN ON CHART.



BOTH UNITS
2314 AND 2844



LINE TERMINATORS COMPONENTS FACE UP

* 5440649 BUS OUT
** 5440650 TAG OUT

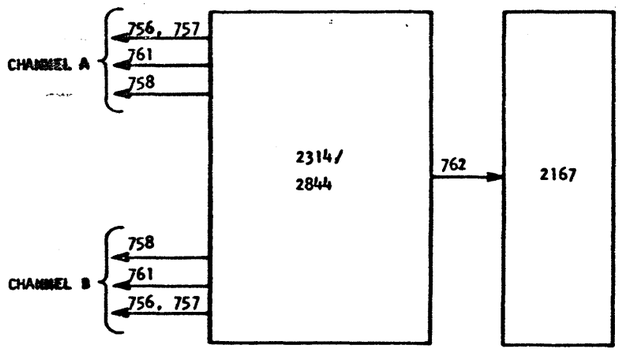


TABLE A

GROUP / UNIT	756	757	758	761
	SC	CH-CH	CTRL	PCR
2030	30	30		—
2040	36	48		
2044	-	-		
2050	24	64		
2860	30	60		30
2870	54	-		30
CTRL			30	

CABLE GROUP	NO OF CA	KEY NO	PART NUMBERS	FROM UNIT	FROM CONN LOC	FROM Y DIM	FROM Z DIM	TO UNIT	TO CONN LOC	TO Y DIM	TO Z DIM	X MAX	B/M	NOTES
756	2	756B	5353920	2844/2314	BUS IN A		18	SEL CH		*		100′	5373074	3
		756T	5353920	2844/2314	TAG IN A		18	SEL CH		*		100′	5373074	3
756	2	756B	5353920	2844/2314	BUS IN B		18	SEL CH		*		100′	5373074	1 & 3
		756T	5353920	2844/2314	TAG IN B		18	SEL CH		*		100′	5373074	1 & 3
757	2	757B	5353920	2844/2314	BUS IN A		18	CH-CH ADAPT		*		100′	5373074	3
		757T	5353920	2844/2314	TAG IN A		18	CH-CH ADAPT		*		100′	5373074	3
757	2	757B	5353920	2844/2314	BUS IN B		18	CH-CH ADAPT		*		100′	5373074	1 & 3
		757T	5353920	2844/2314	TAG IN B		18	CH-CH ADAPT		*		100′	5373074	1 & 3
758	2	758B	5353920	2844/2314	BUS OUT A		18	CONTROL		*		100′	5373074	3
		758T	5353920	2844/2314	TAG OUT A		18	CONTROL		*		100′	5373074	3
758	2	758B	5353920	2844/2314	BUS OUT B		18	CONTROL		*		100′	5373074	1 & 3
		758T	5353920	2844/2314	TAG OUT B		18	CONTROL		*		100′	5373074	1 & 3
761	1	761A	5351178	2844/2314	PC-1	18		EPO CTRL			30	100′	5397821	3
761	1	761A	5351178	2844/2314	PC-2	24		EPO CTRL			30	100′	5397821	1 & 3
762	1	762A	5351178	2844/2314	PC-3	30		2167/2065			65	100′	5397821	2 & 3

* SEE TABLE "A"

NOTES:

1. TO BE USED WHEN THE TWO-CHANNEL SWITCH FEATURE IS INSTALLED.
2. TO BE USED WHEN SF-6148 (REMOTE SWITCH) FEATURE IS INSTALLED.
3. WHEN ATTACHED TO MOD'S 30 OR 40 X MAX IS 75.FT.

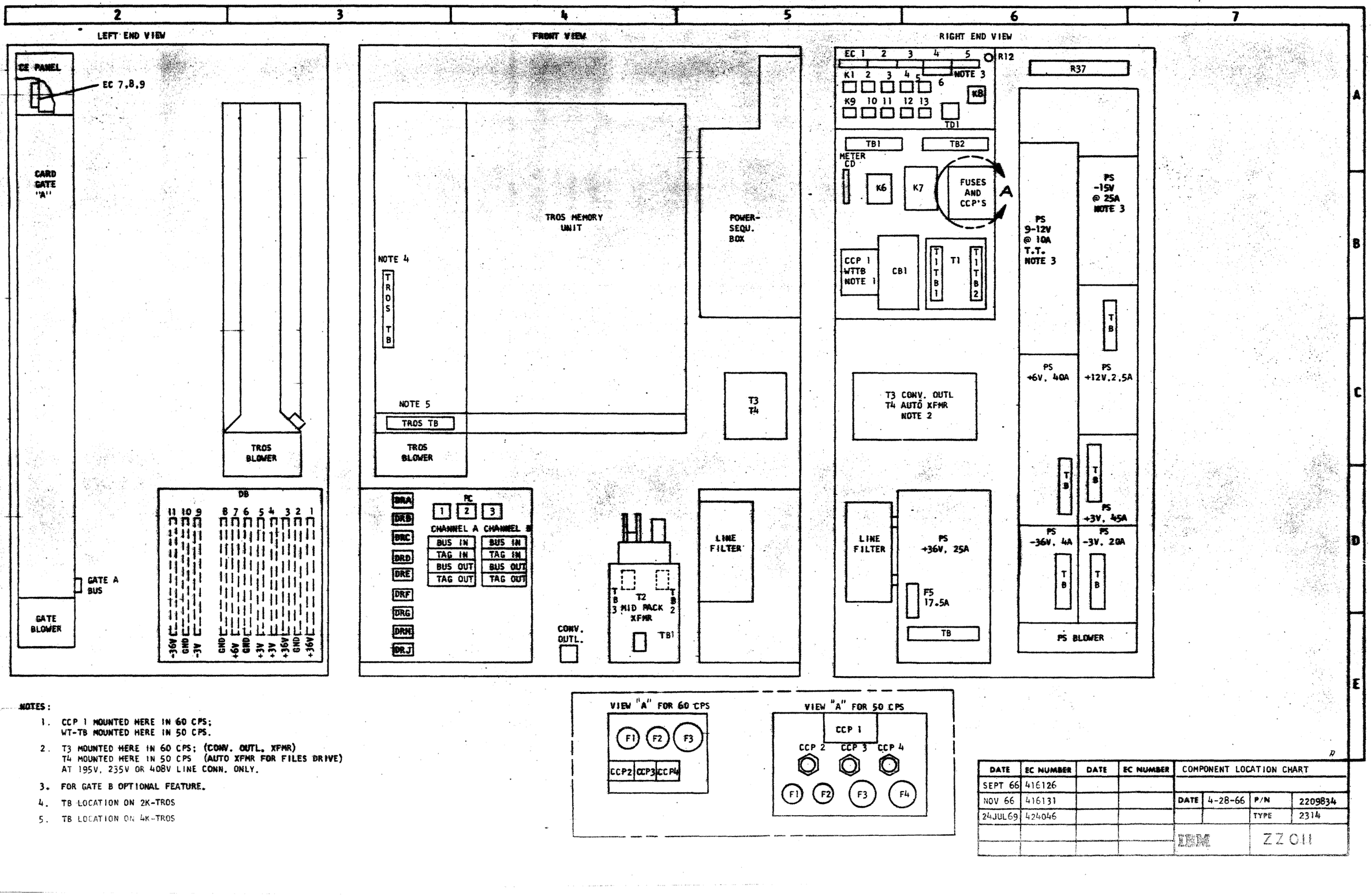
DATE	EC NUMBER	DATE	EC NUMBER
JUNE 66	416124		
JUL 66	416125A		
AUG 67	420912		
JAN 68	420919		

2314/2844 CABLE ROUTING AND IDENTIFICATION CHART

DATE | P/N 2209838

TYPE

IBM ZA011



NOTES:

1. CCP 1 MOUNTED HERE IN 60 CPS;
   WT-TB MOUNTED HERE IN 50 CPS.
2. T3 MOUNTED HERE IN 60 CPS; (CONV. OUTL. XFMR)
   T4 MOUNTED HERE IN 50 CPS (AUTO XFMR FOR FILES DRIVE)
   AT 195V, 235V OR 408V LINE CONN. ONLY.
3. FOR GATE B OPTIONAL FEATURE.
4. TB LOCATION ON 2K-TROS
5. TB LOCATION ON 4K-TROS

DATE	EC NUMBER	DATE	EC NUMBER
SEPT 66	416126		
NOV 66	416131		
24JUL69	424046		

COMPONENT LOCATION CHART

DATE	4-28-66	P/N	2209834
		TYPE	2314

IBM ZZ011

POINTS	EDGE CONNECTOR - SEQUENCE BOX						CE PANEL				
	EC1	EC2	EC3	EC4	EC5	EC6	EC7	EC8	EC9	EC10	EC11
a	YA021	YA031	YA021	YA021	YA021	YA021	YA021	YA021	YA021	PS045	PS044
b	YA021	YA031	YA021	YA031	YA021	YA021	PS001	YA031	YA021	PS045	PS044
c	YA021	YA021	YA021	YA031	YA021		YA021	YA021	YA031	PS045	
d	YA021	YA021	YA021	YA021	YA021	YA021	PS011	YA021	YA021		YA031
e	YA021	YA021	YA021	YA021	YA031	YA021	YA021	YA021		PS045	YA031
f	YA021	YA031	YA021	YA021	YA031		YA021	PS031	YA021	PS045	
g	YA021	YA031	YA021	YA021	YA021	YA021	ZZ031	PS031	PS031	PS045	
h	YA021	YA021	YA021	YA021	YA007	YA021	PS031	PS031	PS031	ZZ031	

NOTE 3 NOTE 4

CIRCUIT BREAKER CIRCUIT PROTECT FUSES	CIRCUIT NAME	PRIMARY CONTACTS		AUXILIARY CONTACTS		
		RATING	PAGE NO.	RATING	PAGE NO.	
CB1	MAIN LINE BREAKER	40A	YA005			NOTE 6
CCP1	INPUT TO MID PACK XFMR	10A (8A)	YA011			NOTE 2
CCP2	INPUT TO +36V, 25A PS	8A (10A)	YA011	1A	YA031	NOTE 2
CCP3	INPUT TO +12V, 2, 5A PS	1A	YA011	1A	YA031	
CCP4	INPUT TO T1 CONTR. XFMR	2A	YA007			
	OPTION - 15V @ 2.5A, 9-12VTT@10A	1A (3A)	YA011	1A	YA031	NOTE 3
F1	BLOWERS	3A	YA011			
F2	BLOWERS	3A	YA011			
F3	CONV. OUTLET	5A (8A)	YA007			NOTE 2
F4	CONV. OUTLET	8A	YA007			NOTE 1

RELAYS CONTACTORS	COIL	CONTACT				NAME
		1	2	3	4	
K1	YA021	YA007				EMERGENCY POWER OFF
K2	YA021	YA021	YA021	YA021	YA021	POWER ON HOLD
K3	YA021	YA031	YA031	YA021	YA021	READY
K4	YA021	YA021	YA021	YA021		POWER ON PICK
K5	YA021	YA021	YA021	YA021		POWER ON PICK
K6	YA021	YA007	YA007			CONV. OUTLET POWER
K7	YA021	YA005	YA005	YA005		POWER ON
K8	YA021	YA042				SEQUENCE POWER NOTE 3
K9	YA021	YA021				LOG. VOLTAGE
K10	YA021	YA021	YA021			PWR REQUEST NOTE *5
K11	YA021		YA021	YA021		SEQUENCE VOLTAGE NOTE 3
TD1	YA021	YA021	YA021	—	—	TIME DELAY RELEASE

* TB'S DC BUSES	POINTS																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
TB1	YA005	YA005	YA005	YA005	YA007	YA007	YA007	YA007	YA007									
TB2	YA011	YA011	YA011	YA011	YA011	YA011	YA011	YA011	YA011									
T1TB1	YA007			YA007			YA007	YA007										
T1TB2				YA004			YA007											
DB1	YA051			YA051	YA051	YA051	YA051	YA051					YA051	YA051	YA051	YA051		
DB2	YA051			YA051	YA051	YA051	YA051	YA051					YA051	YA051	YA051	YA051		
DB3	YA051			YA051	YA051	YA051	YA051	YA051			YA051		YA051	YA051	YA051	YA051		
DB4	YA051	YA051	YA051	YA051	YA051	YA051	YA051	YA051	YA051	YA051			YA051	YA051	YA051	YA051		
DB5	YA051			YA051	YA051	YA051	YA051	YA051				YA051	YA051	YA051	YA051	YA051		
DB6	YA051	YA051	YA051	YA051	YA051	YA051	YA051	YA051	YA051		YA051	YA051						
DB7	YA061	YA061	YA061	YA061	YA061	YA061	YA061	YA061	YA061			YA061	YA061	YA061	YA061	YA061		
DB8	YA061	YA061	YA061	YA061	YA061	YA061	YA061	YA061		YA061	YA061	YA061	YA061	YA061	YA061	YA061		
DB9	YA061		YA061	YA061	YA061	YA061	YA061	YA061	YA061	YA061		YA061	YA061	YA061	YA061	YA061		
DB10	YA061	YA061	YA061	YA061	YA061	YA061	YA061	YA061	YA061	YA061	YA061		YA061	YA061	YA061	YA061		
DB11	YA061			YA061	YA061	YA061	YA061	YA061				YA061	YA061	YA061	YA061	YA061		

* FOR TBDB TAB, INSTALLED WITH 2844, SEE ZZ021 CU2.

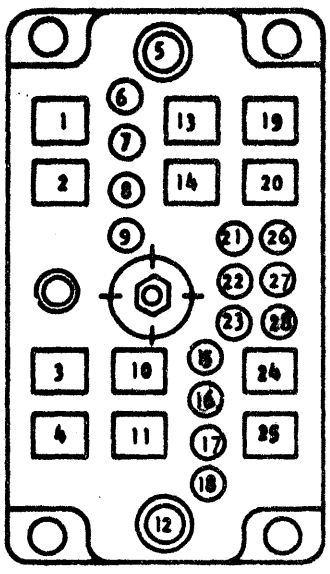
NOTES:
1. ADDED ON 50 CPS MACHINES ONLY
2. ITEMS IN PARENTHESIS PERTAIN TO 50 CPS MACHINES.
3. ADDED FOR OPTIONAL FEATURES, GATE "B" ONLY
4. ADDED FOR OPTIONAL FEATURE - TWO CHANNEL SWITCH.(EC11 REF)
5. ADDED FOR 2844 ONLY
6. CB1 IS 20A IF THERE IS A 2844 ATTACHED.

DATE	EC NUMBER
APR 66	416034
JUL 66	416125A
SEP 66	416126
NOV 66	416131
JAN 67	420637

LOCATION CHARTS	EC NUMBER	DATE
	420900	MAR 67
	420905	MAY 67

DATE 4-28-66 P'N 2209836
TYPE 2314
IBM
ZZ021

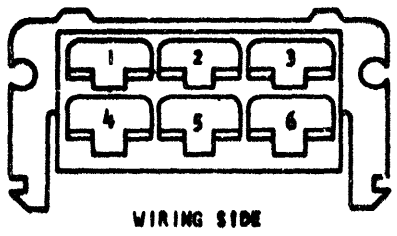
DATE	EC NUMBER	DATE	EC NUMBER	CORRECTOR PIN REF. AND
APR 66	416034			SERVICE PANEL INDICATORS
SEP 66	416126			DATE 4-28-66 P/N 2299839
NOV 66	416131			TYPE 2314
AUG 67	420912			IBM 22081
JAN 68	420919			



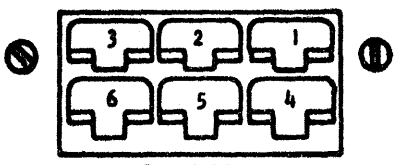
WIRING SIDE

PILE DE POWER

	PIN	SIGNAL	PAGE	PIN	SIGNAL	PAGE	
	1	+6VDC	YA064	15	-36VDC	YA051	
	2	-3VDC	YA051	16			
	3	DC GND	YA061	17			
	4	DC GND	YA061	18			
	5			19	+36 VDC	YA061	
NOTE 1	6	SEQ PK - IN		20	+36 VDC	YA061	
NOTE 1	7	HEAD EXTD		21	PWR ON RESET	WF012	NOTE 1
NOTE 1	8	CNTLD GND		22	SELECTED MOD	MA041	NOTE 2
NOTE 1	9	SEQ PK - OUT		23			
	10	DC GND	YA051	24			
	11	DC GND	YA051	25	FRAME GND		
	12	READ/WRITE DATA	NS001 NS002	26			
	13	+3VDC	YA051	27			
	14	+3VDC	YA051	28			



WIRING SIDE

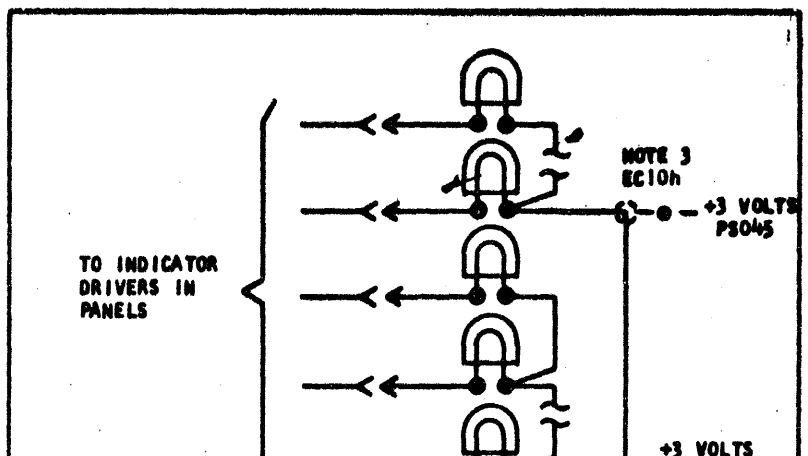


PIN SIDE

PCI CONNECTOR - CHANNEL

PIN	SIGNAL	PAGE	PIN	SIGNAL	PAGE
1	24 VAC CPU	YA007	4	PWR COMPLETE OUT	YA031
2	EPO CTRL CPU	YA021	5	PWR CONT, HOLD	YA021
3	PWR COMPLETE IN	YA031	6	PWR CONT, PICK	YA021

CONNECTOR	DRIVER LOGIC	LAMP TITLE
C1 F1 C11	PS071	- REG DISPLAY P BIT
B1 G1 E09	RA021	- REG DISPLAY 0 BIT
B1 H1 A11	RA021	- REG DISPLAY 1 BIT
B1 H1 B11	RA021	- REG DISPLAY 2 BIT
B1 H1 B09	RA021	- REG DISPLAY 3 BIT
B1 H1 C11	RA021	- REG DISPLAY 4 BIT
B1 H1 C09	RA021	- REG DISPLAY 5 BIT
B1 H1 D09	RA021	- REG DISPLAY 6 BIT
B1 H1 E11	RA021	- REG DISPLAY 7 BIT
C1 M1 C09	KK001	- ROSAR P BIT
C1 M1 C11	KK001	- ROSAR 11 BIT
C1 M1 B09	KK001	- ROSAR 10 BIT
C1 M1 B11	KK001	- ROSAR 9 BIT
C1 M1 A11	KK001	- ROSAR 8 BIT
C1 M1 D09	PS141	- SENSE AMP CHECK
C1 M1 E11	PS141	- CONTROL REG CHECK
C1 M1 E09	PS141	- ADDRESS CHECK
C1 L1 E11	KK001	- ROSAR 7 BIT
C1 L1 D09	KK001	- ROSAR 6 BIT
C1 L1 C09	KK001	- ROSAR 5 BIT
C1 L1 C11	KK001	- ROSAR 4 BIT
C1 L1 B09	KK001	- ROSAR 3 BIT
C1 L1 B11	KK001	- ROSAR 2 BIT
C1 L1 A11	KK001	- ROSAR 1 BIT
C1 K1 E09	KK001	- ROSAR 0 BIT
C1 N1 A11	PS141	- DATA CHECK
C1 N1 A09	PS141	- MACHINE STOP
C1 K1 E11	PS141	- TEST PROBE
C1 F1 E09	PS141	- POWER ON
C1 L1 E09	PS141	- INTERFACE DISABLED



NOTES:

1. AUX STORAGE CNTL FEATURE ONLY
2. NOT USED WITH AUX STORAGE CNTL FEATURE
3. —⌀— FEATURE WIRING
   EC10h USED WITH B GATE OPTIONAL FEATURE