

**IBM**

**A**utomated

**L**ogic

**D**iagrams

**3420**

Model 3

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JN0502 OPER720 REPORT NUMBER 310-1632 BOL609

REPORT DATE C30C172

JUL BD M/T 342003 SERIAL 00030000

NEW MACHINE B

LOGIC NUMBER DESCRIPTION  
SLIP CARDS

PART NUMBER EC NUMBER FEATURE BP

AA1 CUSTOMIZED BOARD

0002522850 000734391

PAGE NO. 0001

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OPER720 REPORT NUMBER 310-1632 BOL609

REPORT DATE 03CCT72

1 M/T 342CCC3 SERIAL 00030000

NEW MACHINE B

EGIC YS	NUMBER S DIAGRAMS	DESCRIPTION	PART NUMBER	EC NUMBER	FEATURE #
	A1011	SOCKET LISTING	0002524912	000734391	
	A6106	PLUG CHART A1-L2	0002524990	000734030	
	CM001	SCHEM DIAG CAPSTAN MOTOR FCE-ASSM	0002524478	000733566	
	CM003	SYS DIAG CAPSTAN MOTOR BOARD	0002524557	000733501N	
	FT101	INTRFC LINES FROM C.U. BUSES P-4	0001765617	000733966	
	FT102	INTRFC LINES FROM C.U. BUSES 5-7	0001765618	000733966	
	FT111	WR STATUS DR ERASE WR FAIL DETECT	0002524920	000733999	
	FT112	SEN RESET PWR CN RESET SEN LCD	0002524921	000733999	
	FT113	STATUS MULTIPLEXING BUSES 0-3	0002524922	000733999	
	FT114	UNIT CHECK MECH. READY	0002524923	000733999	
	FT115	STATUS MULTIFLEXING BUSES 4-7	0002524924	000733999	
	FT116	INTERRUPT GENERATION	0002524925	000733999	
	FT131	TERMINATORS - PULSEC INTERRUPT	0002524915	000733999	
	FT132	DEGALSS WR. SEL. & WR. CFRNT CTRL	0002524916	000734068	
	FT133	WR. DATA GTNG AMP & SNSE LVL CTRL	0002524917	000734068	
	FT134	INTERFACE DECODING	0002524918	000734030	
	FT135	E.C.T.	0002524919	000733966	
	FT141	RD SEL MTRNG TACH BUSY SEN BYTES	0002524926	000733999	
	FT142	I. D. GATING BUSES 0 & 1	0002524927	000733966	
	FT143	I. D. GATING BUSES 2 & 3	0002524928	000733966	
	FT144	I. D. GATING BUSES 4 & 5	0002524929	000733966	
	FT145	I. D. GATING BUSES 6 & 7	0002524930	000733966	
	FT146	INTERFACE BUS IN	0002524931	000733966	
	FT147	LCCP GATING BUSS MERGING	0002524932	000733966	
	FT231	PHOTO DETECTION	0002524933	000733966	
	FT261	REW-REW UNLD-F.S. REW CLY S.S.	0002524934	000734391	
	FT262	H.S. FLD CTRL LOAD COMP READY L	0002524935	000734391	
	FT263	OP FNL PUSH BLTNS DOOR INT L7 R7	0002524936	000733966	
	FT264	CCLS LDOD-CCLS UNLOED TP BCT SEN	0002524937	000734391	

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JUL 72 OPER720 REPORT NUMBER 310-1632 BCL609

REPORT DATE 03CCT72

CL 1 M/T 3420003 SERIAL 00030000

NEW MACHINE B

LOC SYS	NUMBER EIMS DIAGRAMS	DESCRIPTION	PART NUMBER	EC NUMBER	FEATURE
	FT265	MANUAL STATUS CONTROL UNLCAD CP	0002524938	CCC7340308	
	FT266	CART. INTERLOCK UNLCAD COMPLETE	0002524939	000733966	
	FT281	CARTRIDGE-TAPE PRESENT-WINDOW UP	0002524940	CCC733999	
	FT282	FNEU DRIVE-CART HOLD-LOAD REWIND	0002524941	000733999	
	FT283	WINDOW DOWN - CHANNEL AIR	0002524942	000733999	
	FT284	LCAD CP-THREAD STATUS-REELS LDED	0002524943	CCC734391	
	FT285	LOAD CHECK AIR PRESSURE DETECT	0002524944	000733999	
	FT351	CAP-OVFL P-UNLD DLY-GO DN ENA-PLG	0002524945	CCC734030	
	FT352	PRESET GEN 4KH-2 MH OSCILLATORS	0002524946	CCC734030	
	FT353	CAPSTAN CONTROL COUNTER	0002524947	CCC734030	
	FT354	CAPSTAN FAST - 16 CCUNT PULSE GEN	0002524948	CCC734030	
	FT391	GO CONTROL	0002524949	000734030	
	FT392	CAPSTAN DRIVE	0002524950	000734030	
	FT393	CCUNT DECODING	0002524951	CCC734030	
	FT394	GO EXTND-HTCH CTRL-RC WR INF-CNTR	0002524952	000734030	
	FT395	IBG REEL REV COUNTER	0002524953	CCC734030	
	FT451	L & R REEL CTRL VACUUM SWITCHES	0002524954	CCC733966	
	FT452	LEFT REEL CONTROL	0002524955	CCC734030B	
	FT453	RIGHT REEL CONTROL	0002524956	CCC733999	
	FT454	LEFT & RIGHT REEL DRIVE	0002524957	CCC734030	
	FT455	HI SPEED REWIND CAPSTAN CONTROL	0002524958	CCC733966	
	FT601	WRITE DESKEW NRZI 75 IPS	0002524959	CCC733966	
	FT602	WRITE DESKEW NRZI 75 IPS	0002524960	000733966	
	FT603	WRITE DESKEW NRZI 75 IPS	0002524961	CCC733966	
	FT604	WRITE DESKEW NRZI 75 IPS	0002524962	CCC733966	
	FT701	PULSE WIDTH DISCRN & READ DESKEW	0002524963	000733966	
	FT702	PULSE WIDTH DISCRN & READ DESKEW	0002524964	CCC733966	
	FT703	PULSE WIDTH DISCRN & READ DESKEW	0002524965	000733966	
	FT910	SERVICE WIRING	0002524967	CCC733999	

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OPER720 REPORT NUMBER 310-1632 PCL609

REPORT DATE 03OCT72

1 M/T 3420003 SERIAL 00030000

NEW MACHINE B

NUMBER	DESCRIPTION	PART NUMBER	EC NUMBER	FEATURE BN
RM001	SCHEM DIAG REEL MOTOR PCE ASSM	CCC2524482	CCC734375A	
RM003	SYS DIAG REEL MOTOR BOARD	0002524484	CCC7335CIN	
TTC01	FIELD TESTER LOGIC	0001765354	CCC733979	
WP011	READ WRITE	0002524968	CCC733566	
WB021	CAPSTAN-REEL DRIVE LINES SWITCHES	0002524969	CCC733966	
WB022	LAMP DRIVE - PHOTO SENSE - MISC.	CCC2524970	CCC733966	
WK001	INTERFACE & F.E. TESTER	0002524971	CCC733566	
WR001	READ AMPLIFIER & AMPLITUDE SENSE	0001765632	CCC734042	
XW001	WRITE DRIVER & ERASE HEAD DRIVER	0001765633	000734042	
YB010	PRIMARY POWER 60 HZ	ETN 0002515552	CCC733706	CCC2515367
YB015	PRIMARY POWER 50 HZ	ETN 0002524633	CCC734232	0002515367
YB020	DC SUPPLY 60 HZ	ETN 0002515553	CCC734232	CCC2515367
YB025	DC SUPPLY 50 HZ	ETN 0002524634	000734232	CCC2515367
YB030	48 VOLT SUPPLY 60 HZ	ETN CCC2515555	000734262	0002515367
YB035	48 VOLT SUPPLY 50 HZ	ETN 0002524635	CCC734232	CCC2515367
YB036	PAGE NOT REQUIRED WITH ETN POWER	CCC0000000	000734375	CCC2515367
YB040	DC & BOOSTER SUPPLY 60 HZ	ETN CCC2515576	CCC734232	CCC2515367
YB045	DC SUPPLY 50 HZ	ETN 0002524636	CCC734232	CCC2515367
YB050	COMPONENT CHART 60 HZ	ETN CCC2515574	CCC734232	0002515367
YB055	COMPONENT CHART 50 HZ	ETN 0002524685	CCC734232	CCC2515367
YB060	INTERFACE BOARD	ETN 0002515560	000734232	CCC2515367
YC021	MANUAL STATUS CARD	ETN CCC1766588	CCC734375A	CCC2515367
YC031	TRANSFER VALVE SCIENTIFIC DRIVE	0002524626	CCC734231	
ZTC01	SYS DIAG USAGE METER	CCC2524490	CCC734388	
ZT011	OP PANEL & VACUUM SWITCHES	0002524491	CCC734382	
ZT021	SCHEM DIAG POWER WINDOW	0002524492	CCC733520	
R E A S	0002425031			
ZT023	POWER WINDOW BOARD	0002512289	CCC733566	
R E A S	0002425031			

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J PER720 REPORT NUMBER 310-1632 BOL609  
REL 1 M/T 342CCC3 SERIAL 00030000

REPORT DATE 03OCT72

NEW MACHINE B

LOG NUMBER DESCRIPTION  
SYS DIAGRAMS

PART NUMBER EC NUMBER FEATURE PH

ZT031	SCHEMATIC - REFERENCE	0002524493	000734375A	
ZT041	GROUND DISTRIBUTION	0002524494	000734375A	
ZT051	DC DISTRIBUTION	ETN 0001766581	000734375A	CC02515267
ZT061	SYS DIAG CARTRIDGE OPENER CONTRCL	0002524498	000733966	

LOCATION	TYPE	PART NO.	PAGES	COMMENT***
01A-A1A2	CONN		WB021, WB022	
01A-A1A3	CONN		FT910, WB021, WB022	
01A-A1A4	CONN		WB021	
01A-A1A5	CONN		FT910, WB021, WB022	
01A-A1B2	6775	8216710	FT451 THROUGH FT455	
	6775	8218286	FOR EC 734021	
	6775	8565079	FOR ECA EC 847863	
01A-A1C2	6776	8215362	FT261 THROUGH FT266	
	6776	8218292	FOR ECA 013 EC 734046	
	6776	8218294	FOR ECA 026 EC 734391 (BOARD WIRING REQUIRED)	
	6776	8565072	FOR ECA EC 847234	
01A-A1D2	0763	8216716	FT231	
	0763	8565075	ALTERNATE PART NO. (NOTE 1)	
01A-A1E1	CONN		WB021	
01A-A1E2	6778	8216709	FT281 THROUGH FT285	
	6778	8565068	FOR ECA 113 EC 846437 (BOARD WIRING REQUIRED)	
01A-A1F1	CONN		WB021	
01A-A1F2	6779	8216714	FT391 THROUGH FT395	
01A-A1G1	CONN		WB021	
01A-A1G2	6785	8251495	FT351 THROUGH FT354	
01A-A1H1	CONN		FT910, WB011	
01A-A1H2	6777	8218287	FT111 THROUGH FT116	
	6777	8565057	FOR ECA 110 EC 846163	
01A-A1J1	CONN		FT910, WB011	
01A-A1J2	6783	8216711	FT131 THROUGH FT135	
	6783	8218291	FOR ECA 021 EC 734068	
01A-A1K1	CONN		WB011	
01A-A1K2	6786	8214645	FT601 THROUGH FT604	NRZI FEATURE
01A-A1K4	6787	8215354	FT101 THROUGH FT102	
01A-A1L2	6784	8215358	FT141 THROUGH FT147	
01A-A1L6	E761	5804761	FT910	
01A-A1M2	1523	8213856	FT701 THROUGH FT703	9 TRK NRZI FEATURE
	1524	8213857		7 TRK NRZI FEATURE
01A-A1M6	X345	8232739	FT801	READ TAPE INDICATE RPQ ED6529
01A-A1N2	CONN		FT910, WK001	
01A-A1N3	CONN		FT910, WB011	
01A-A1N4	CONN		FT910, WK001	
01A-A1N5	CONN		FT910, WB021, WK001	

NOTE: WHEN REPLACING THE BOARD ORDER THE SAME P/N AND EC LEVEL OF THE BOARD BEING REPLACED.

NOTE 1: NOT TO BE REPLACED BY P/N 8216716. P/N 8565075 IS REQUIRED FOR FCC COMPLIANCE ON MACHINES WITH EC 847266 INSTALLED.

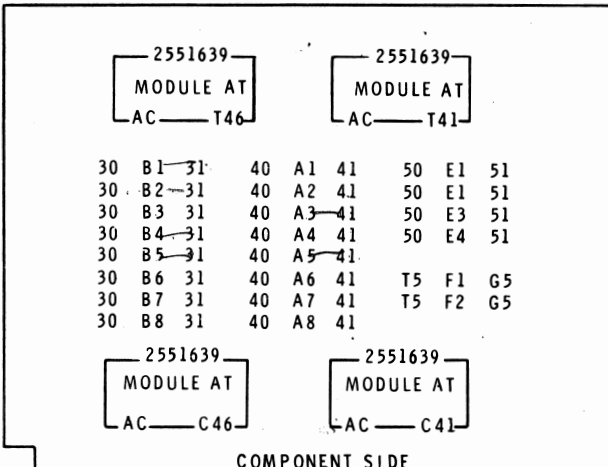
BOARD P/N	EC LEVEL	CARDS REQUIRED
8492558	846180	FOR MACH WITH REEL BOARD P/N 373561, 2524137, OR 4450016
4452336	846437B	C2 CARD P/N 8218294 OR 8565072 E2 CARD P/N 8565068
4452338	846437B	SAME AS P/N 4452336 FOR MACH WITH REEL BOARD P/N 373561, 2524137, OR 4450016

DATE E.C.  
SEE EC HISTORY  
032179 449080  
011979 846163B  
111579 846180  
012480 846437  
052780 846163D  
112381 847861

NAK: 3,4,

2524990

PART NO **2524990** LOGIC PG NO **A6106**



TO PLUG SERIAL NUMBER. PLUG 31 AND 41 TO THE A AND B PINS TO EQUAL THE LAST FOUR DIGITS OF THE SERIAL NUMBER USING TABLE A

EXAMPLE: FOR SERIAL NUMBER 31,060 LAST FOUR DIGITS ARE 1060  
 PLUG A3 AND A6 TO 41 AND B3 TO 31  
 PLUG ALL REMAINING PINS TO 30 AND 40

TABLE A

	B	A	
1	256	1	1
2	512	2	2
3	1024	4	3
4	2048	8	4
5	4096	16	5
6	8192	32	6
7	16384	64	7
8	32768	128	8

Handwritten notes:  
 4096  
 2048  
 6144  
 256  
 1600  
 6116  
 35420

TO PLUG FEATURES  
 C

BASIC	F1 AND F2 TO T5
NRZ1	F2 TO T5 F1 TO G5
7TRK	F1 TO T5 F2 TO G5

TO PLUG E. C. LEVEL  
 EC NUMBER

733999-	E1, E2, E3, E4 TO 50
734030-	E1 TO 51. E2, E3, E4 TO 50

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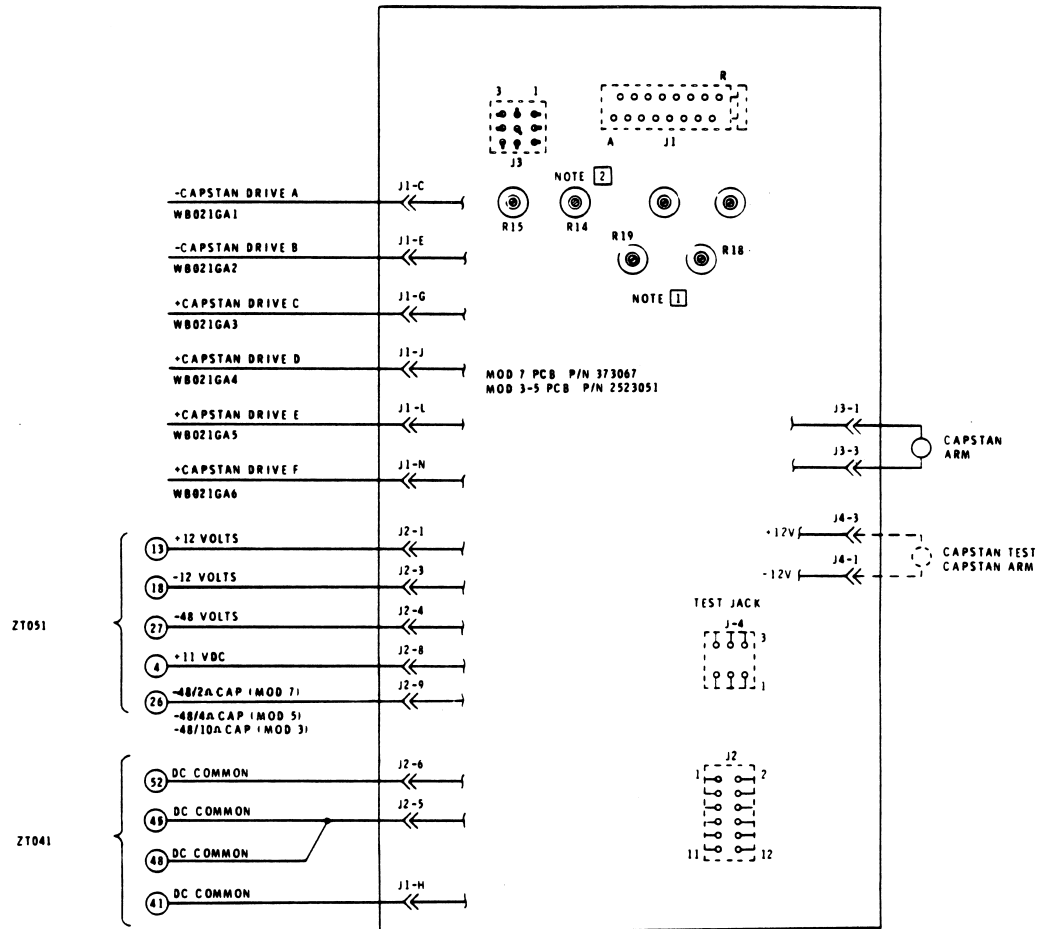
<b>IBM</b>		DATE	CHANGE NO	DATE	CHANGE NO	2524990
NAME	A1-L2	22MAY80	846320			
		16NOV81	847861			
DESIGN		SHT	OF			
DETAIL						
CHECK		CLASSIFICATION	MUST CONFORM TO ENG SPEC	DEVELOPMENT NO	LOGIC PG NO	
APPRO						C

100

100



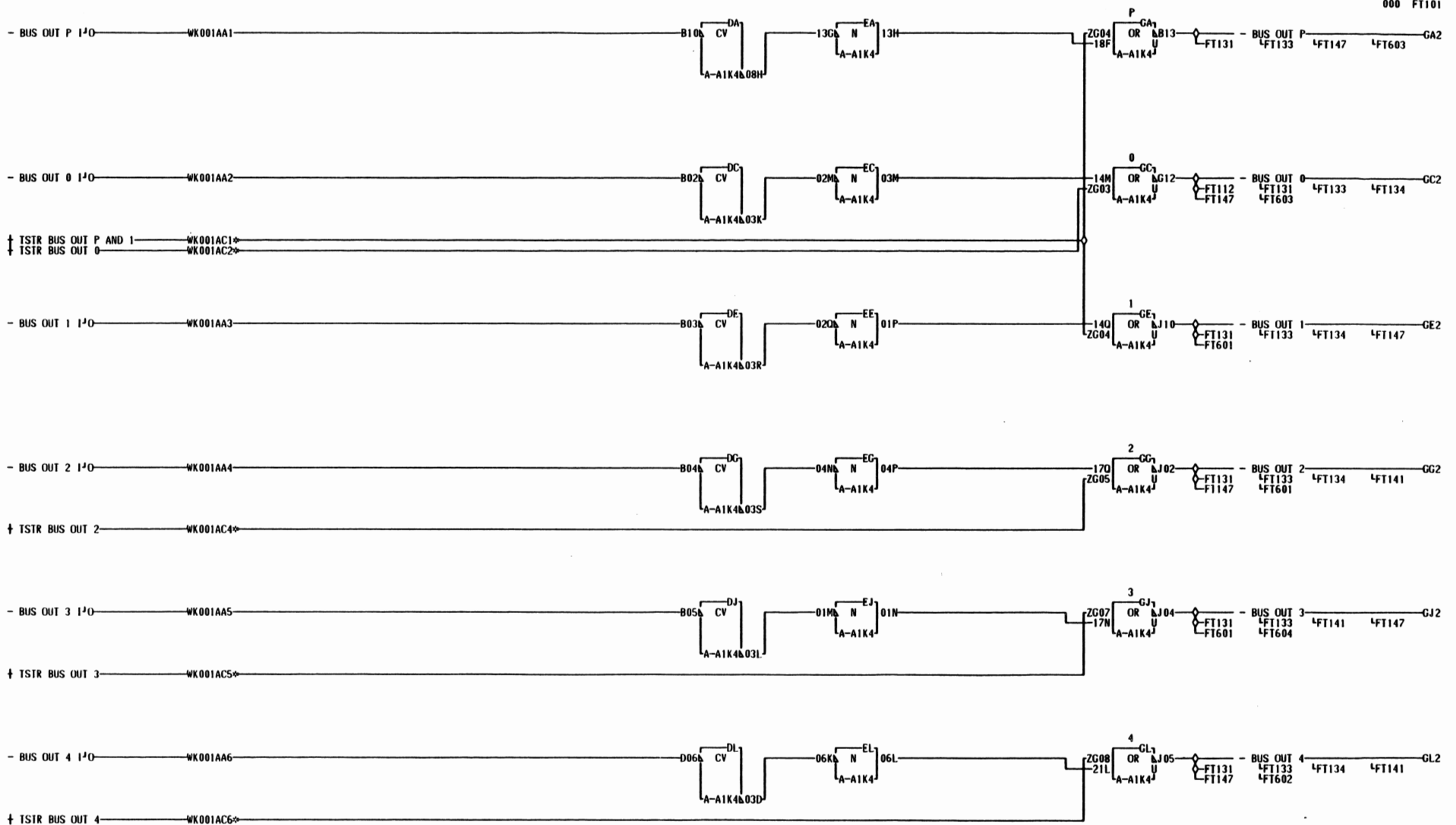
CAPSTAN MOTOR BOARD  
3420 MOD 3-5-7



- NOTES
- 1 R19 MAY NOT BE PRESENT ON SOME BOARDS PART NUMBER 2523051, MOD 3 AND 5
  - 2 R14 IS NOT PRESENT ON ON BOARD PART NUMBER 373067, MOD 7

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<b>IBM</b>				DATE	CHANGE NO	DATE	CHANGE NO
NAME	SYSTEM DIAGRAM CAPSTAN			22MAY80	846320		
MOTOR BOARD							
DESIGN	CS	26NOV79	SMT	OF			
DETAIL	C D I						
CHECK	AR	19JAN80	CLASSIFICATION	MUST CONFORM TO ENG SPEC		DEVELOPMENT NO	LOGIC PG NO
APPRO							

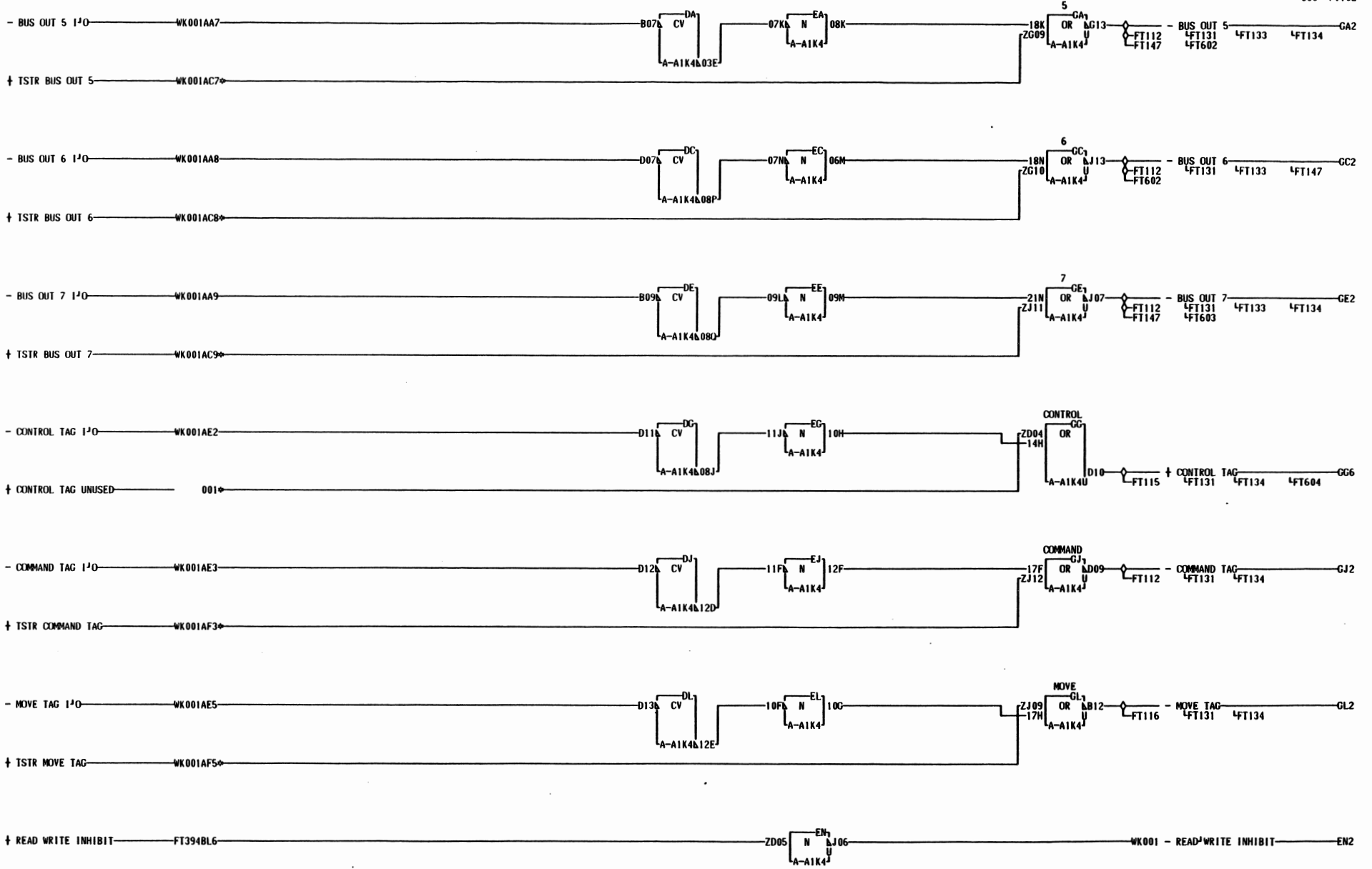


NOTE  
 \*SPECIAL LEVELS\*  
 F #4.4 TO GND DAD DCD  
 T DED DGD DJD DLD  
 1  
 0  
 1  
 000

WK001AC1 WK001AC5  
 RESISTOR RESISTOR  
 A-A1K4G04 A-A1K4G07  
 WK001AC2 WK001AC6  
 RESISTOR RESISTOR  
 A-A1K4G03 A-A1K4G08  
 WK001AC4  
 RESISTOR  
 A-A1K4G05

LOC. TYPE  
 A-A1K4 6787

INTERFACE LINES FROM CONTROL		F T I 0 1
UNIT BUSES P-4		
E.C. HISTORY	MACH. 3420-3	0 1
733944		
DATE	LAST EC	000
06-21-71	733966	
	P.N. 1765617	



NOTE  
 \*SPECIAL LEVELS\*  
 F 4.4 TO GND DAD DCD  
 T DED DGD DJD DLD  
 1  
 0  
 2  
 000

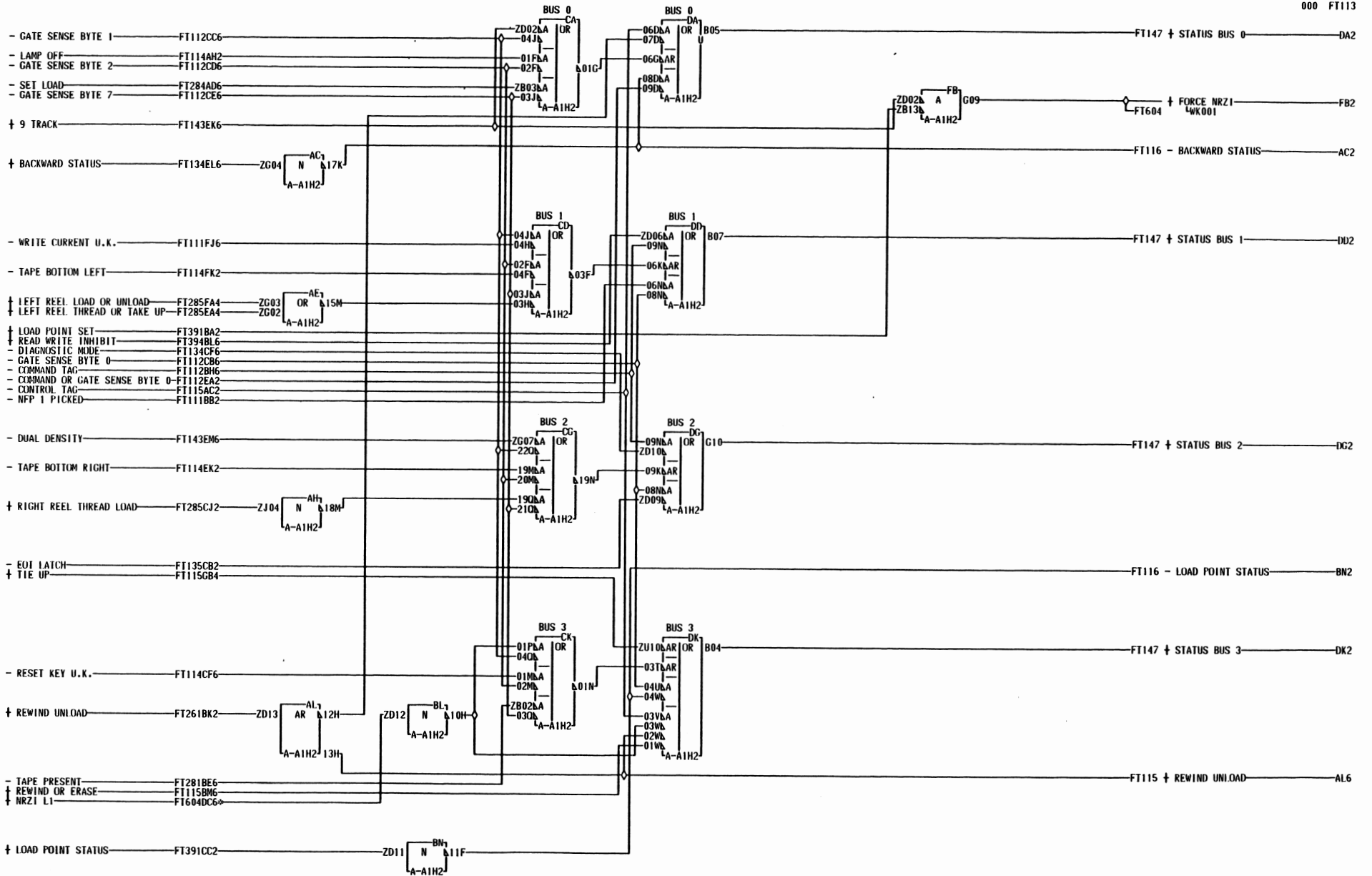
001 RESISTOR WK001AC9  
 A-A1K4D04 A-A1K4J11  
 WK001AC7 RESISTOR WK001AF3  
 A-A1K4G09 A-A1K4J12  
 WK001AC8 RESISTOR WK001AF5  
 A-A1K4G10 A-A1K4J09

LOC. TYPE  
 A-A1K4 6787

INTERFACE LINES FROM CONTROL		F T 1 0 2
UNIT BUSES 5 6 7 AND TAGS		
-E.C.-HISTORY- MACH. 3420-3		01 2
733944		
FRAME		18M CORP. SDD
DATE LAST EC		
06-21-71 733966		000
P.N. 1765618		







FT604DC6  
RESISTOR  
A-A1H2D12

LOC. TYPE  
A-A1H2 6777

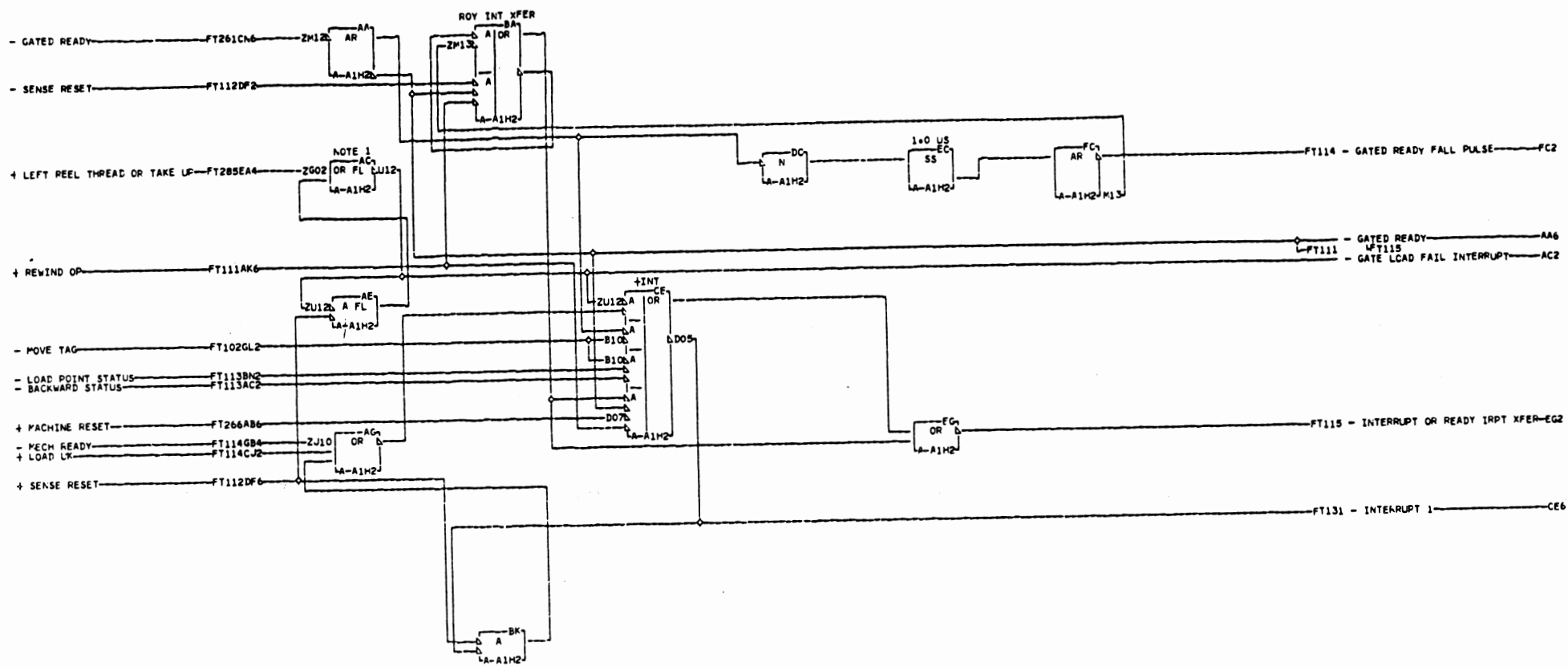
STATUS MULTIPLEXING BUSES 0-3		FT
—E. C.—HISTORY—R MACH. 3420-3		1
733501K		1
733510	FRAME	01
733944		3
733966	IBM CORP.	
DATE	LAST EC	000
08-25-71	733999	P.N. 2524922

10







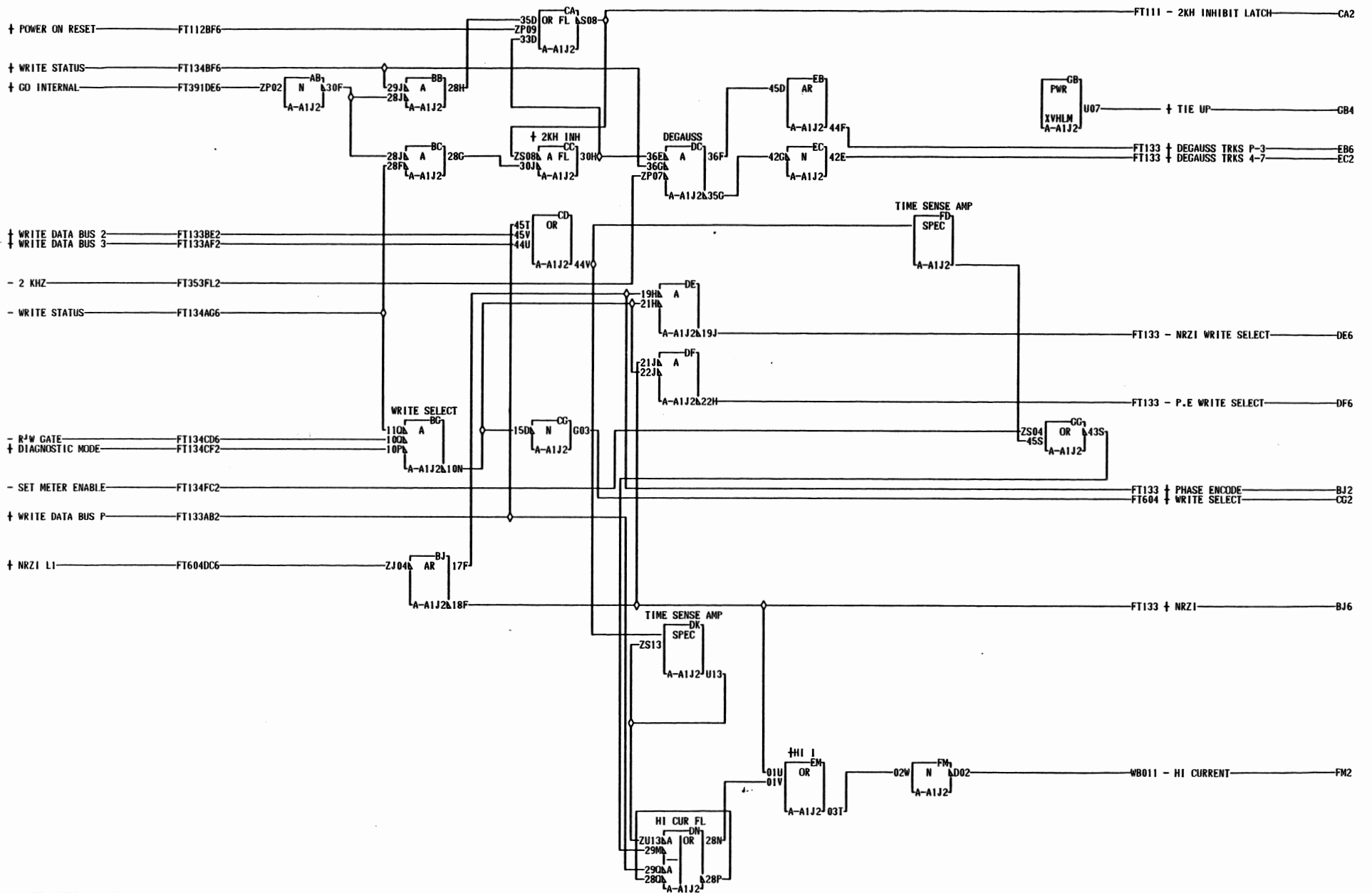


NOTE 1  
 ON SYSTEMS USING EMULATOR  
 F CONNECT A1M2U12 TO M2U08  
 T TO DISABLE LOAD FAIL TRPT  
 1  
 1  
 6

LOC. TYPE  
 A-A1M2 6777

INTERRUPT GENERATION			
—E-C—	HISTORY	—E—	MACH. 3470-3
733501K	733999		
733510N		FRAME	C1
733946			
733966			
DATE	LAST EC	IBM CORP. SDD	
10-05-78	846163	P.N. 2524925	





NOTE «SPECIAL LEVELS»  
+6.0 TO GND FM2

FT132

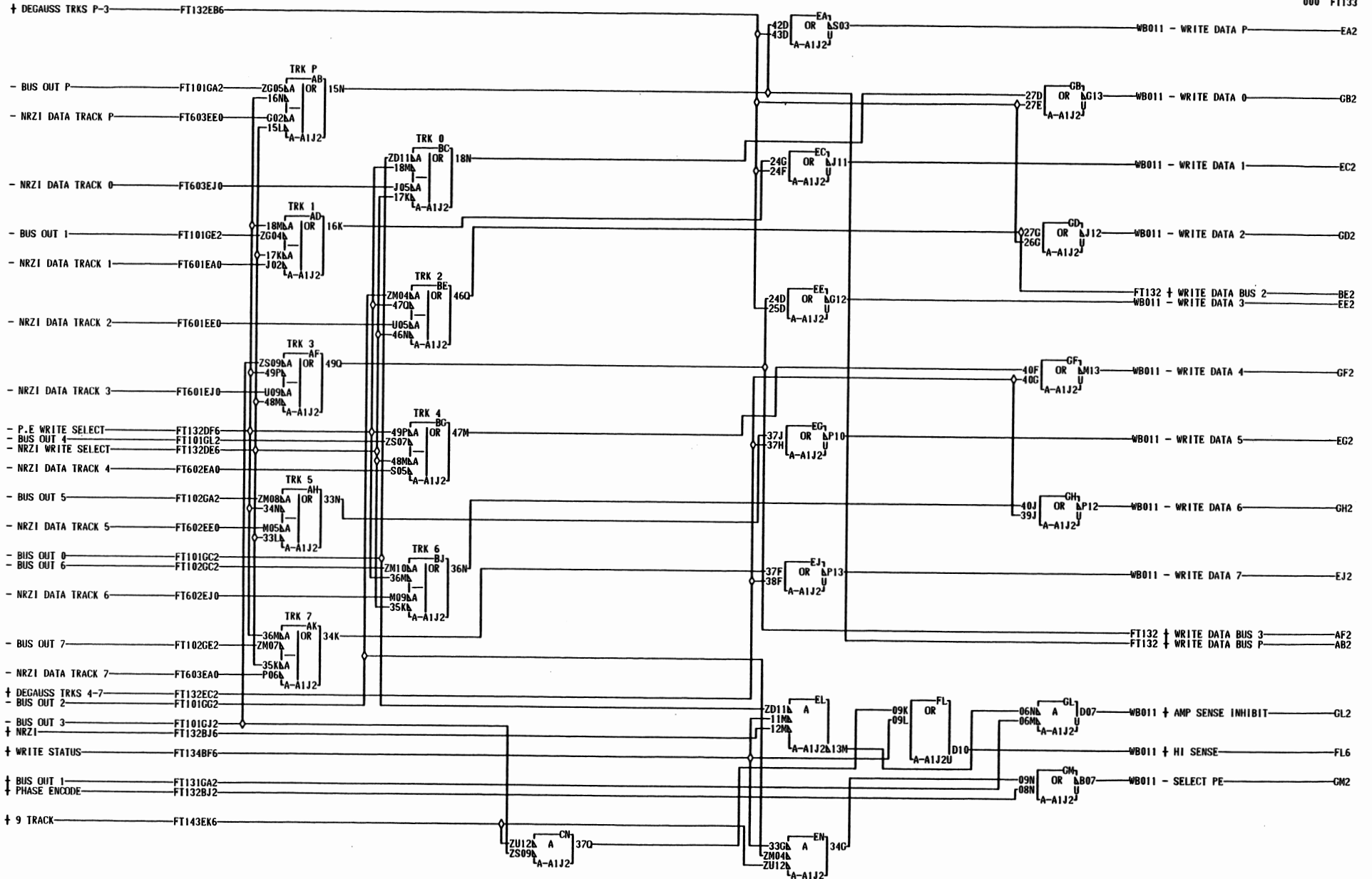
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LOC. TYPE  
A-A1J2 6783

DEGAUSS WRITE SELECT		E.C.-HISTORY-B MACH.3420-3	
733501K	733999	FRAME	01
733510	734030		02
733944		IBM CORP. SDD	
733966			
DATE	LAST EC		
03-21-72	734068	P.N.	2524916

FT132

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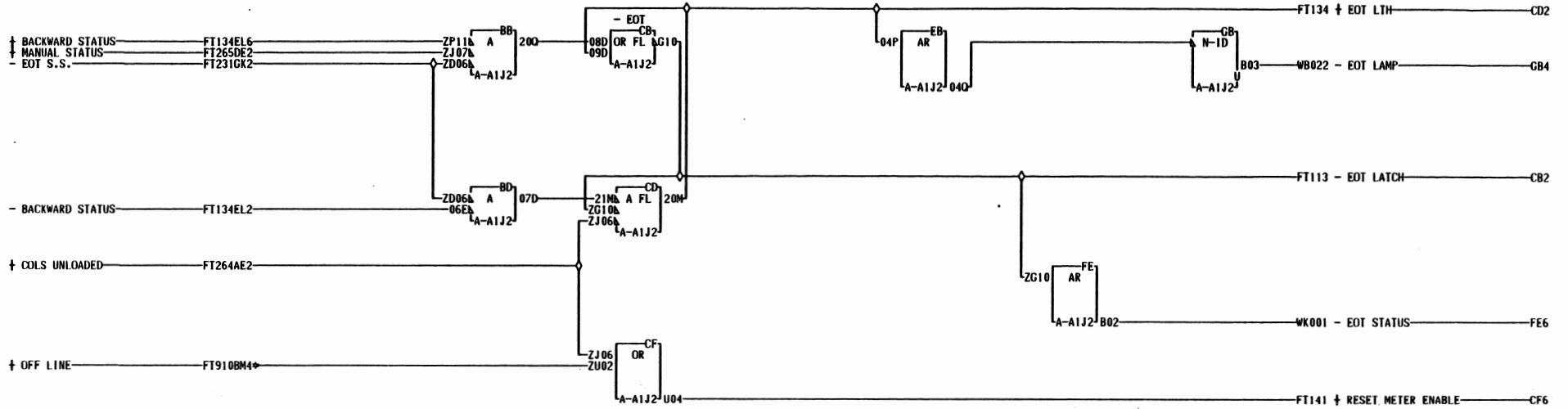


LOC. TYPE  
A-A1J2 6783

WRITE DATA GATING AMP		
SENSE LEVEL CONTROL		
—E.C.—HISTORY—B MACH.3420-3		F
733501K	733999	1
733510		3
733944	FRAME	01 3
733966	IBM CORP. SDD	3
DATE	LAST EC	000
03-21-72	734068	P.N. 2524917

F  
T  
1  
3  
3  
000





NOTE \*SPECIAL LEVELS\*  
 †12 TO GND GB4  
 †6.0 TO GND FE6

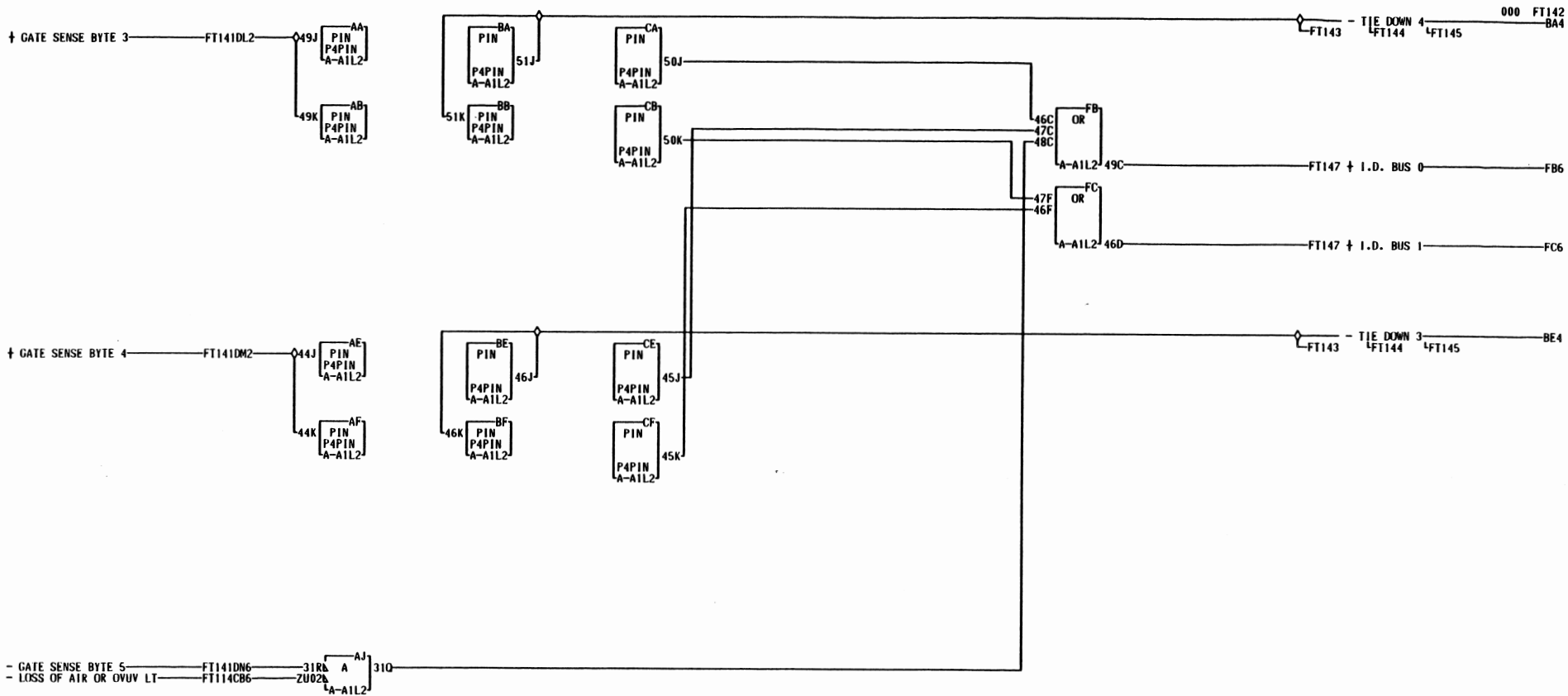
FT910BM4  
 RESISTOR  
 A-A1J2U02

LOC. TYPE  
 A-A1J2 6783

EOT		
-E.C.-HISTORY	R1	MACH. 3420-3
733501K		
733510		FRAME 01
733944		IBM CORP. SDD
DATE	LAST EC	P.N. 2524919
06-21-71	733966	

FT  
 1  
 3  
 5  
 000





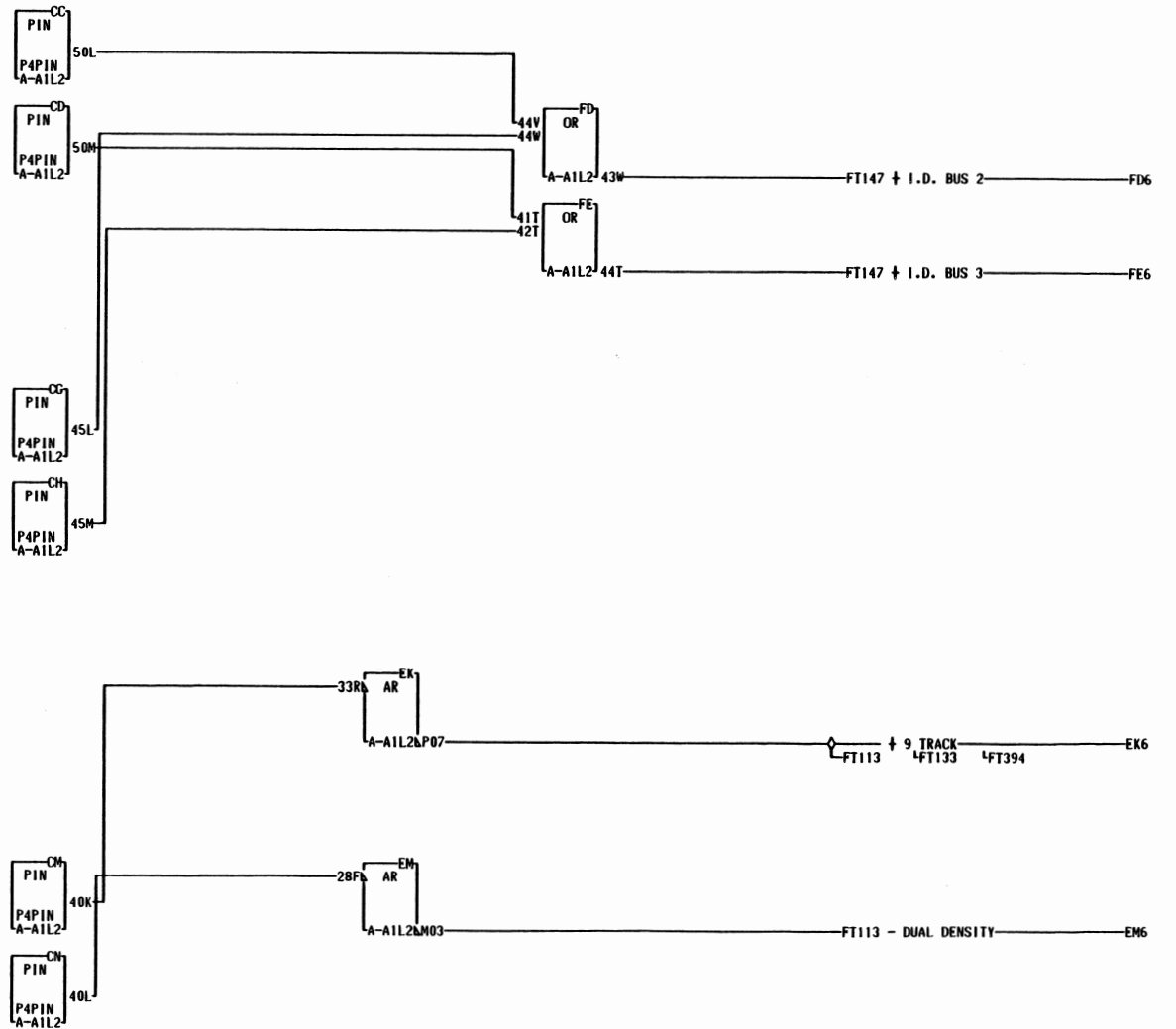
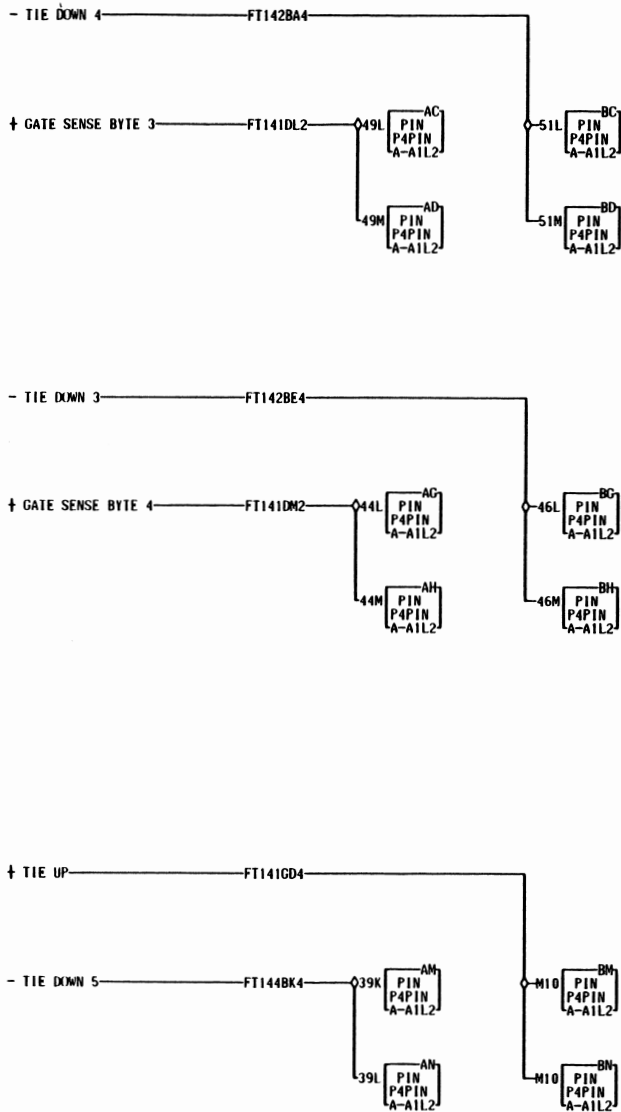
NOTE  
SEE PAGE A6106 FOR  
PLUGGING JUMPERS

1  
4  
2

000

LOC. TYPE  
A-A1L2 6784

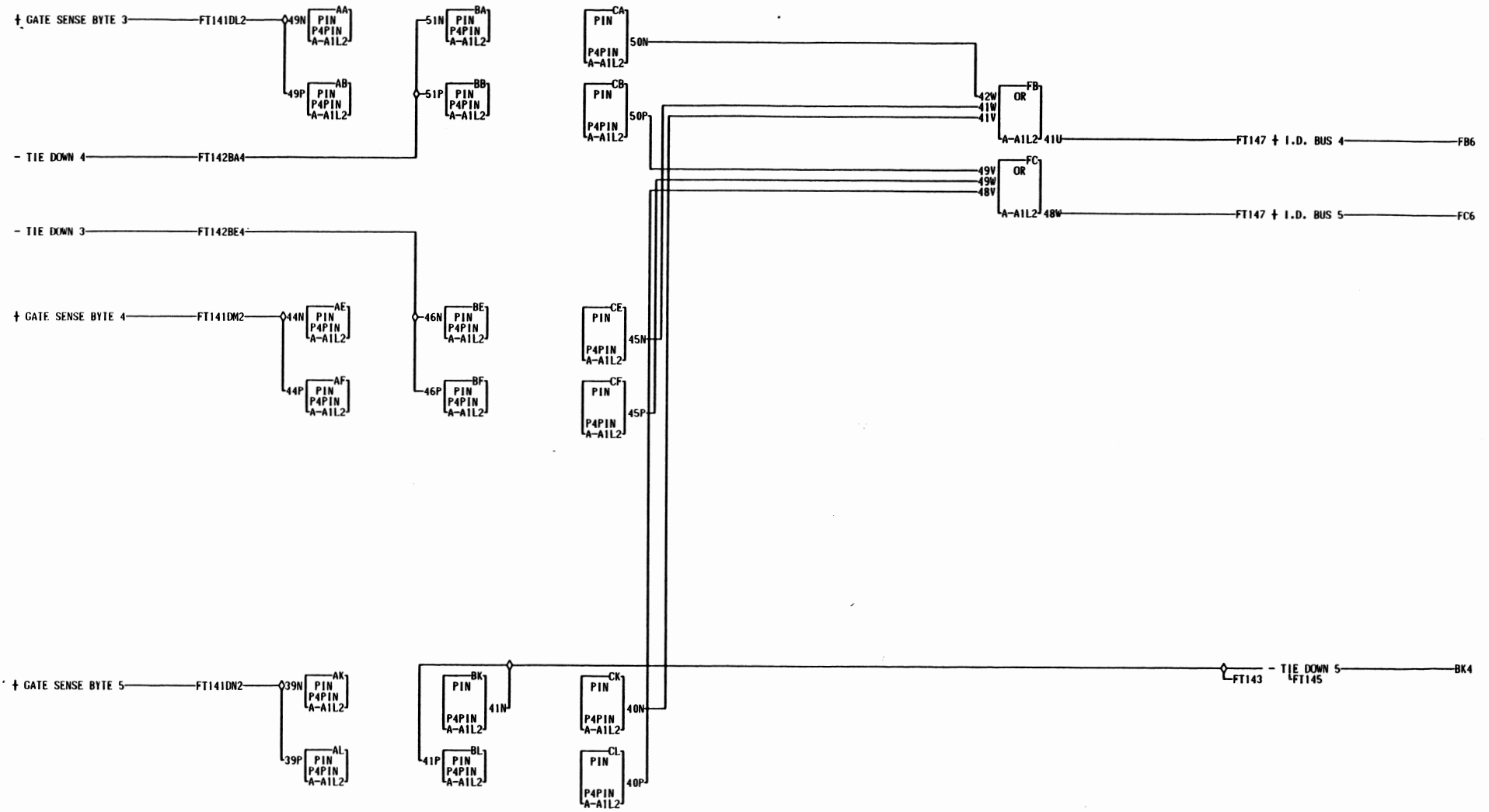
I.D. GATING BUSES 0 AND 1		F
- E.C. - HISTORY - R MACH. 3420-3		T
733501K	FRAME 01	1
733510	IRN CORP. SDD	4
733944		2
DATE 06-21-71	LAST EC 733966	000
	P.N. 2524927	



NOTE  
SEE PAGE A6106 FOR  
PLUGGING JUMPERS  
1  
4  
3  
000

LOC. TYPE  
A-A1L2 6784

I.D. GATING BUSES 2 AND 3		F
E.C. HISTORY	MACH. 3420-3	T
733501K		1
733510	FRAME 01	4
733944	IBM CORP. SDD	3
DATE 06-21-71	LAST EC 733966	000
	P.N. 2524928	

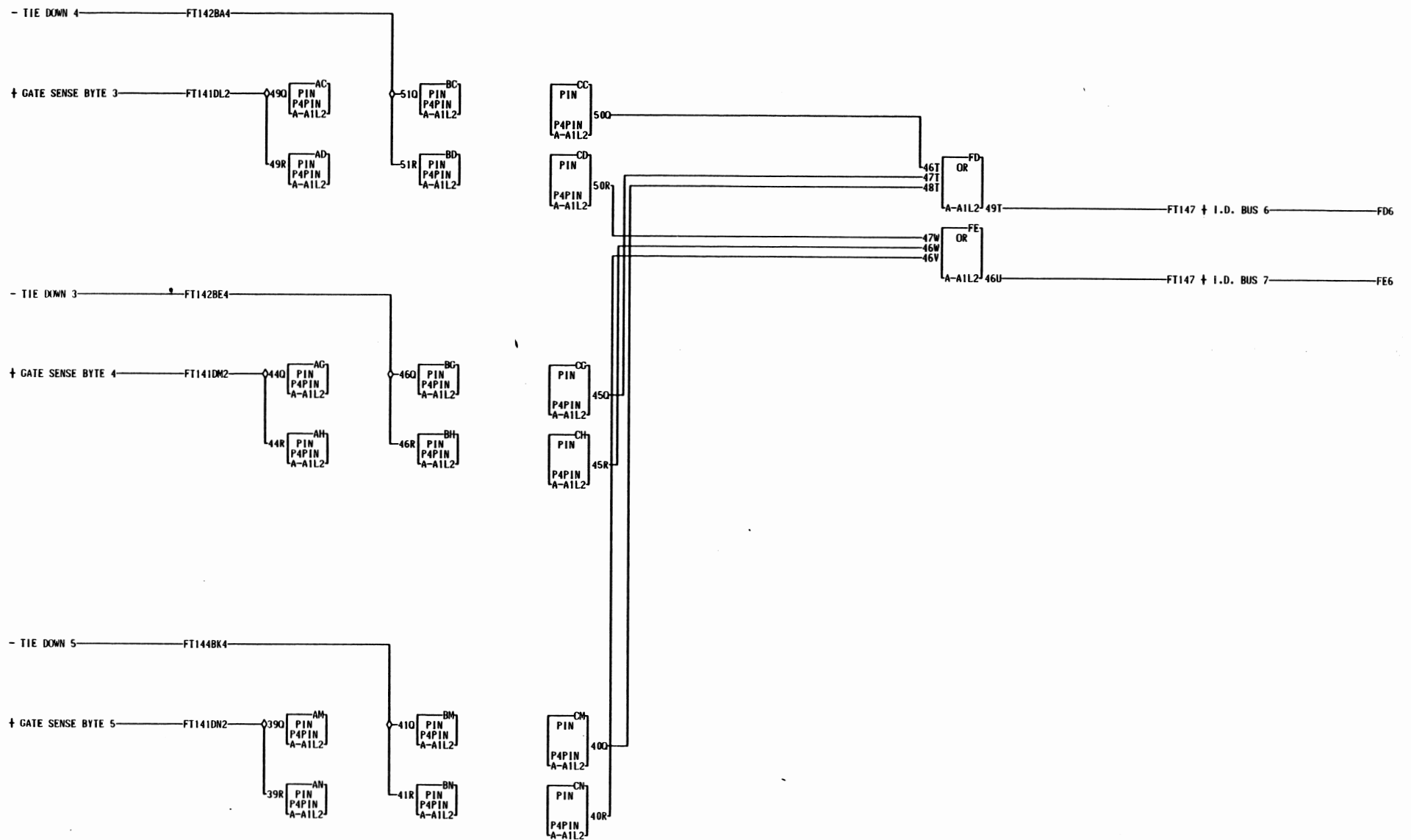


NOTE  
SEE PAGE A6106  
FOR PLUGGING JUMPERS

FT  
1  
4  
4  
000

LOC. TYPE  
A-A1L2 6784

I.D. GATING BUSES 4 AND 5		F T 1 4 4
-E.C.-HISTORY-	MACH.3420-3	
733501K	FRAME 01	
733510	IBN CORP. SDD	
733944	P.N. 2524929	000
DATE	LAST EC	
06-21-71	733966	



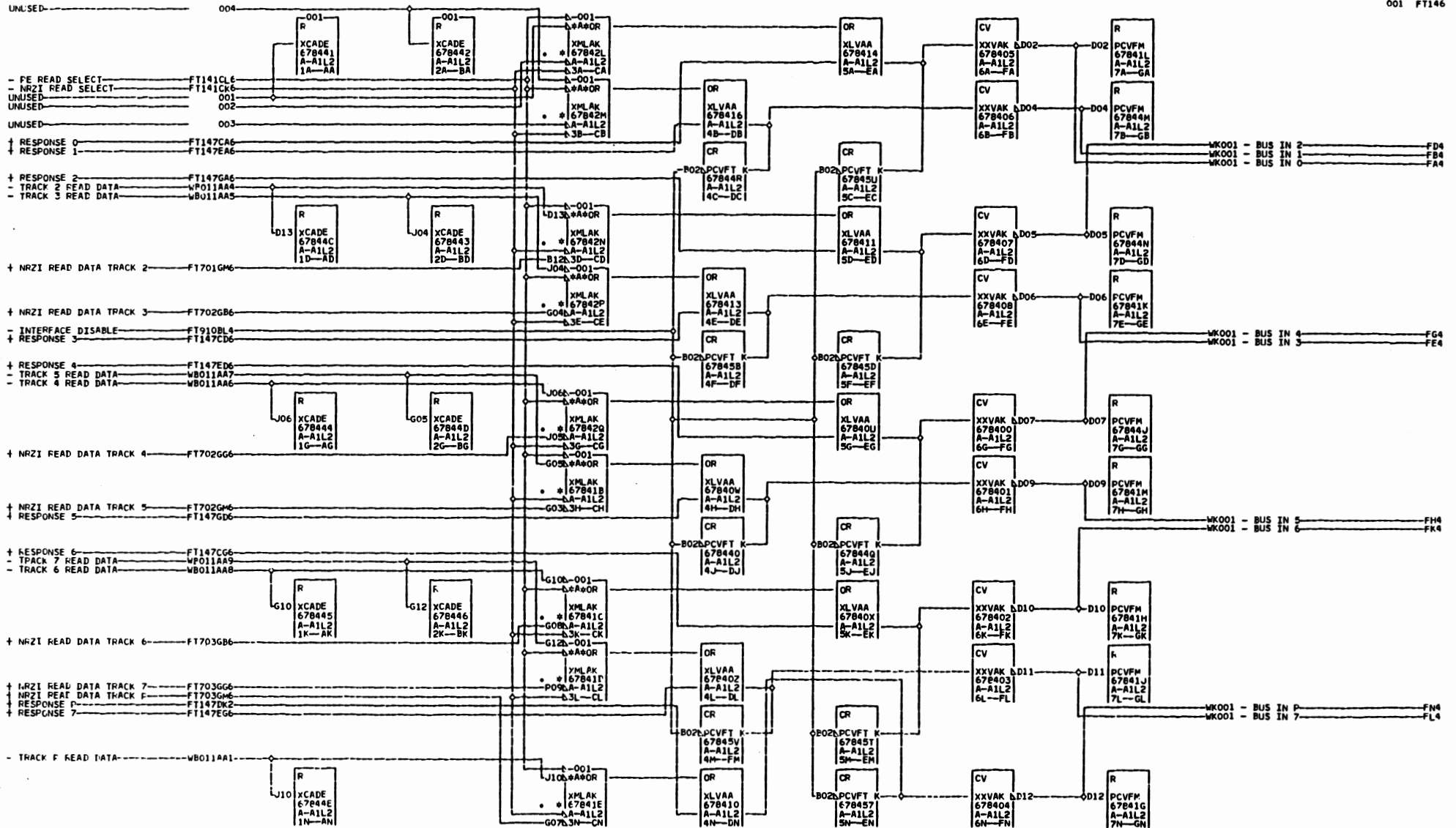
NOTE  
 SEE PAGE A6106  
 FOR PLUGGING JUMPERS

000

LOC. TYPE  
 A-A1L2 6784

I.D. GATING BUSES 6 AND 7	
-E.C.-HISTORY- 733501K 733510 733944	MACH. 3420-3 FRAME 01 IBM CORP. SDD
DATE 06-21-71	LAST EC 733966
P.N. 2524930	

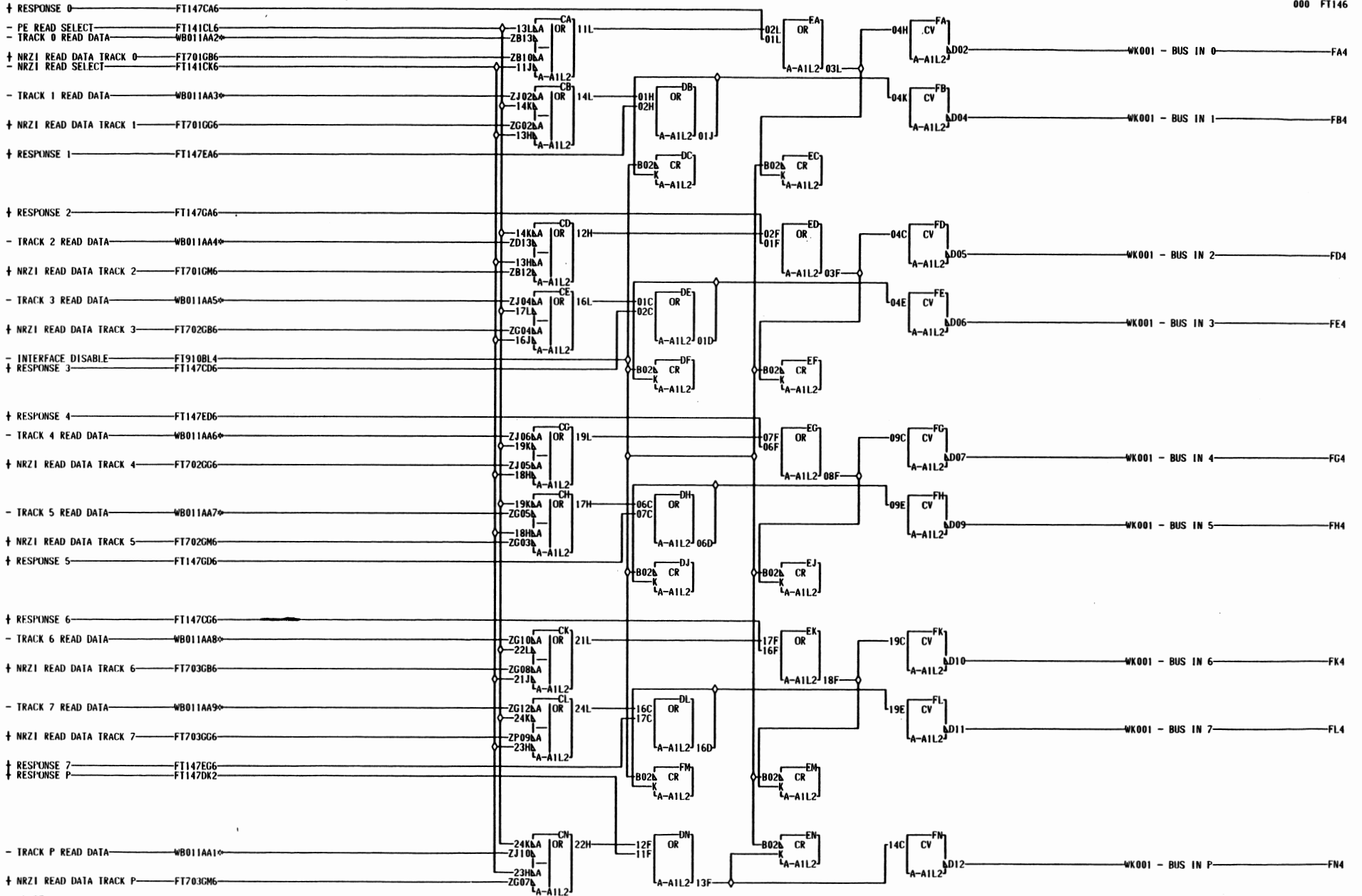
FT  
 1  
 4  
 5



F  
T  
1  
4  
6  
7 TRACK  
001 SIM TO FN 2524931 EC 733999

02-01-71 733510  
04-04-71 733944  
06-21-71 733966  
08-23-71 733999  
02-21-80 846320

INTERFACE BUS IN		F
7 TRACK		T
DATE	02-27-80 MACH. 3420-3	1
LOG	1817 FRAME	4
	P=N. 1765367	6
IBM CORP.	SDD BLK. SA	001



NOTE  
SPECIAL LEVELS +4.4 TO GND AT

F	FA4	FB4	FD4	FE4	FG4	FH4	FK4
1	FL4	FN4					
4							
6							
000							

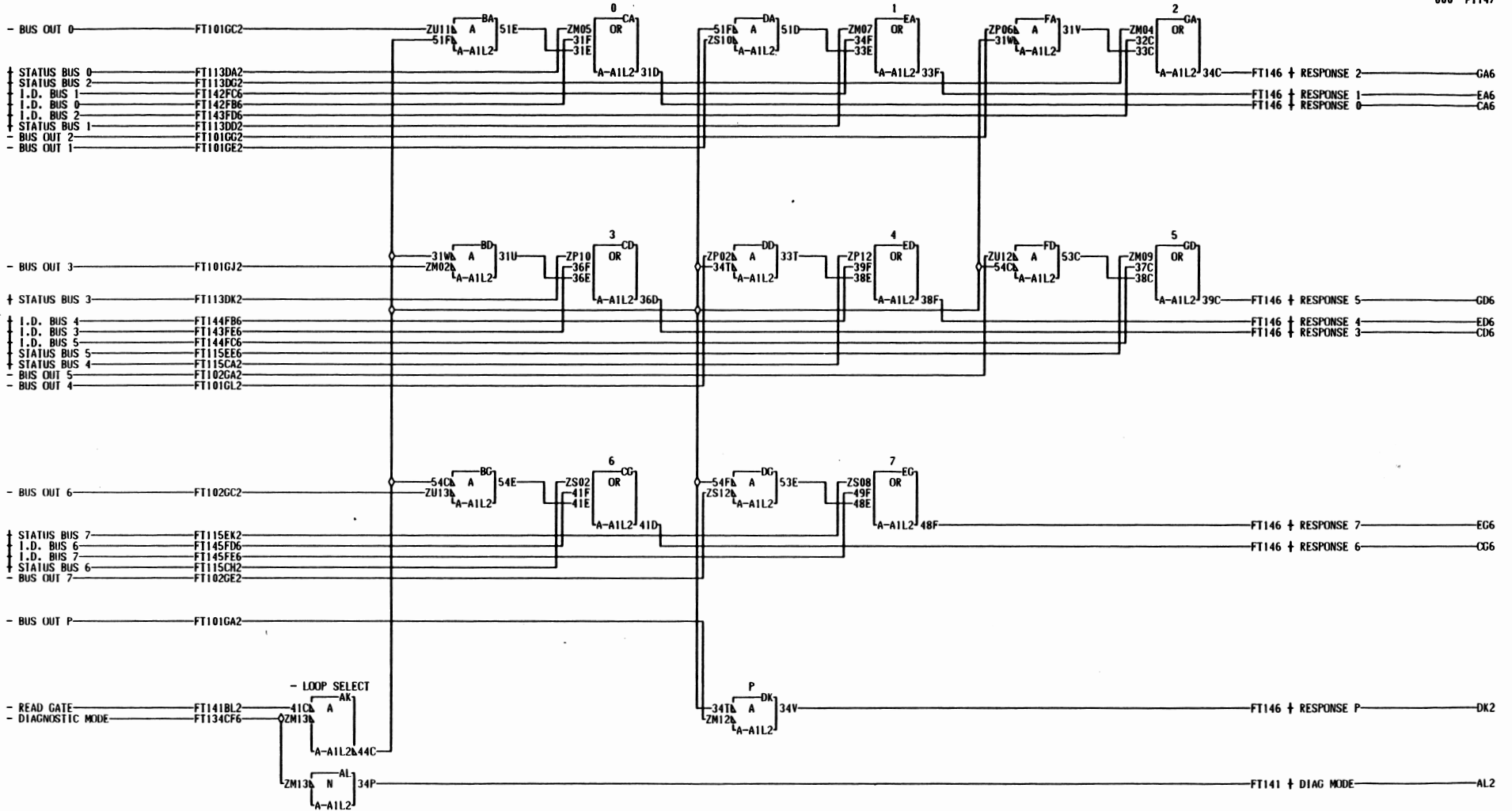
  

WB011AA1	WB011AA4	WB011AA7
RESISTOR	RESISTOR	RESISTOR
A-A1L2J10	A-A1L2D13	A-A1L2G05
WB011AA2	WB011AA5	WB011AA8
RESISTOR	RESISTOR	RESISTOR
A-A1L2B13	A-A1L2J04	A-A1L2G10
WB011AA3	WB011AA6	WB011AA9
RESISTOR	RESISTOR	RESISTOR
A-A1L2J02	A-A1L2J06	A-A1L2G12

LOC. TYPE  
A-A1L2 6784

INTERFACE BUS IN	
-E.C.-HISTORY-	MACH. 3420-3
733501X	
733510	FRAME 01
733944	IBM CORP. SDD
DATE	LAST EC
06-21-71	733966
	P.N. 2524931

F  
T  
1  
4  
6  
000

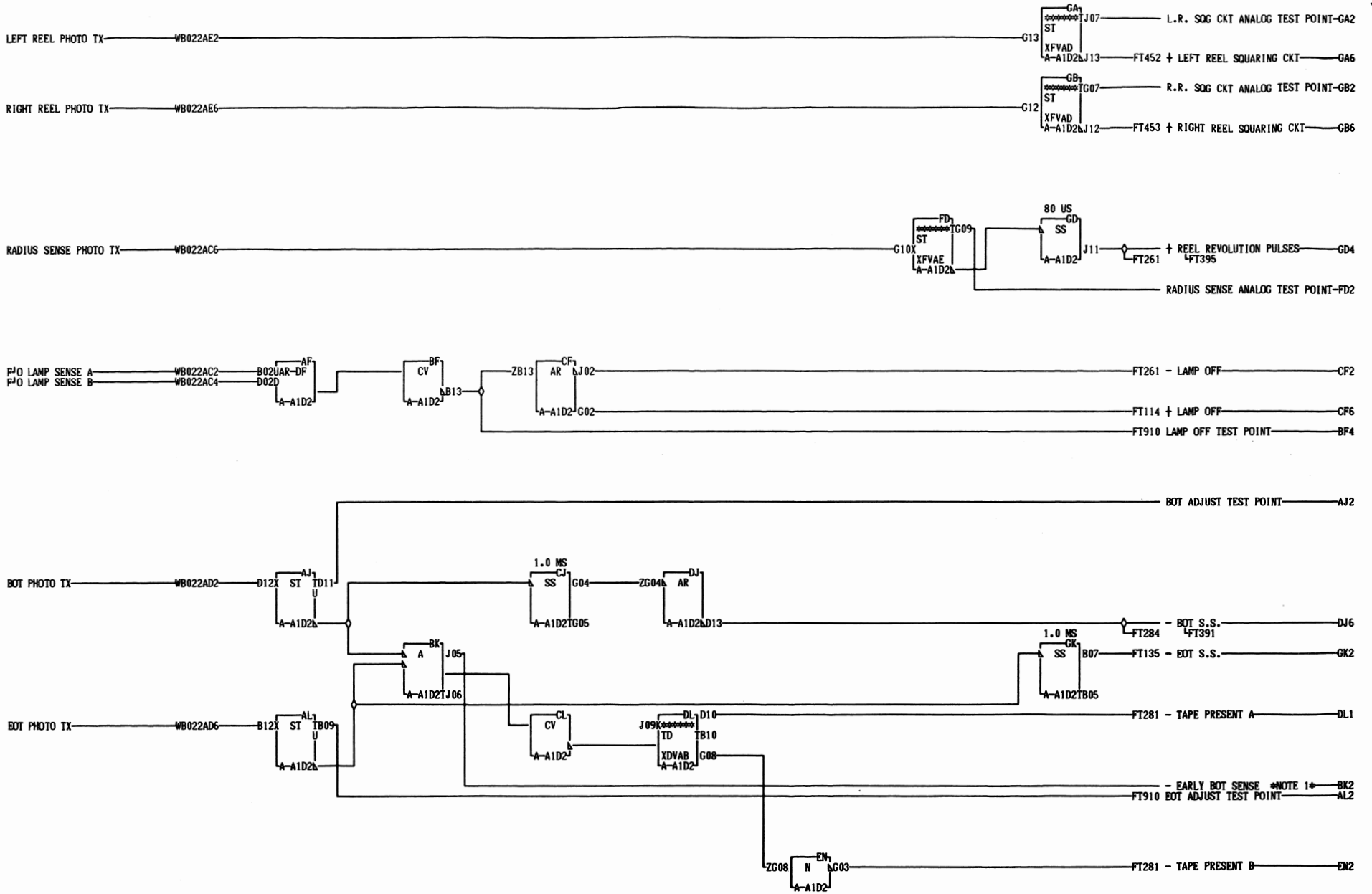


F  
T  
1  
4  
7

000

LOC. TYPE  
A-A1L2 6784

LOOP GATING		F
BUSS MERGING		T
-E.C.-HISTORY- MACH. 3420-3		
733501X		1
733510	FRAME 01	4
733944		7
IBM CORP.		
DATE	LAST EC	
06-21-71	733966	000
P.N. 2524932		



NOTE 1-USED PRIOR TO EC 734954  
 ECA059. GOES TO FT141

F T \*SPECIAL LEVELS\*

2 +1.7 TO +.6 GAD GBD FDD

3 +1.6 TO +1.0 AJD ALD

1 +.6 TO GND GA4 GB4

GND TO -.4 DL1 GD4 GK2

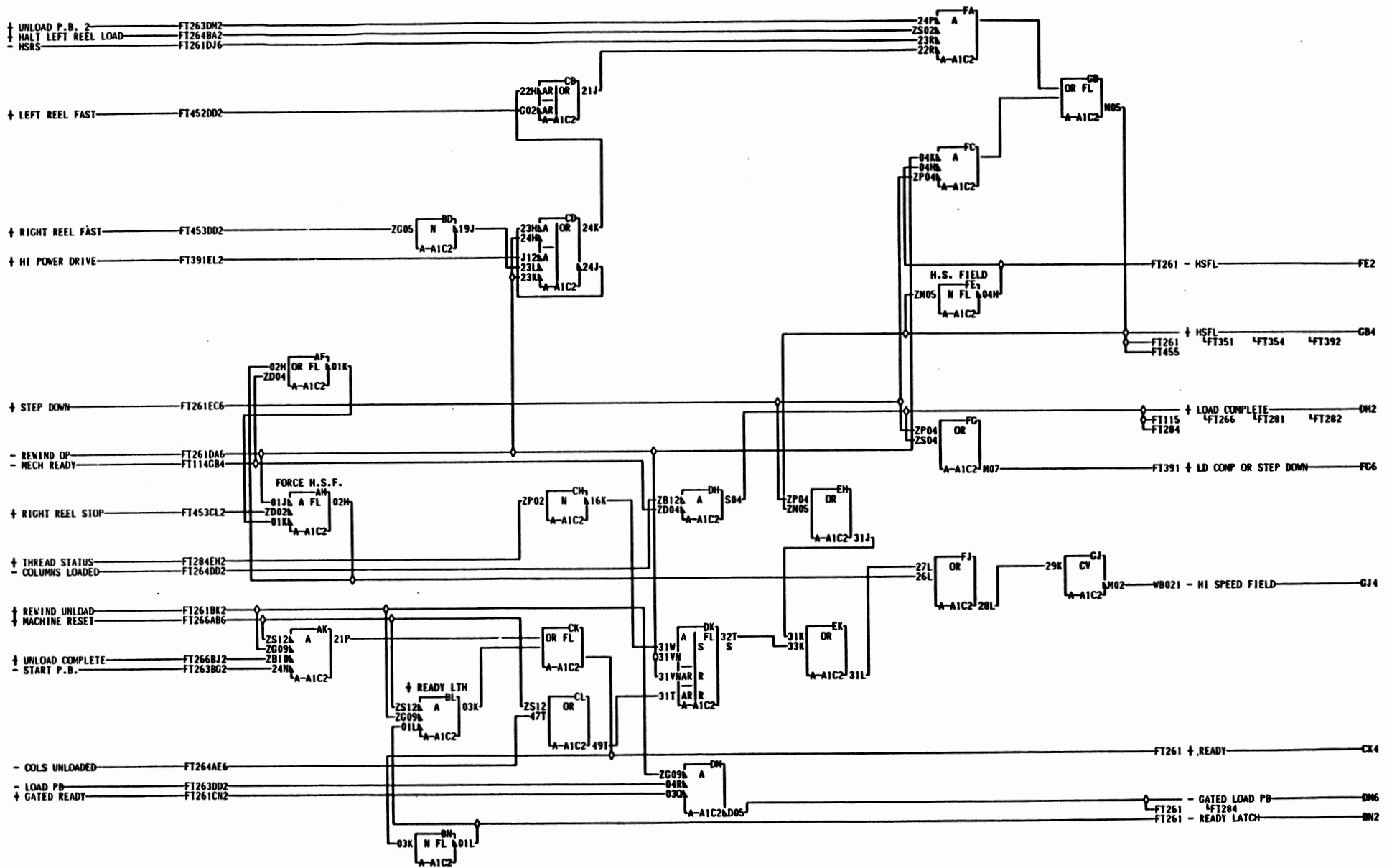
000-1.4 TO -1.7 60HZ AFB AFF

+2 TO +4 FD2 GA2 GB2

LOC. TYPE  
 A-A1D2 0763

PHOTO DETECTION			
-E.C.-HISTORY-		-MACH.3420-3	
733501K	734954		F
733510	736828	FRAME	01 2
733944	845993		1
733966	846320	IBM CORP.	
DATE	LAST EC		000
10-09-81	847861	P.N. 2524933	

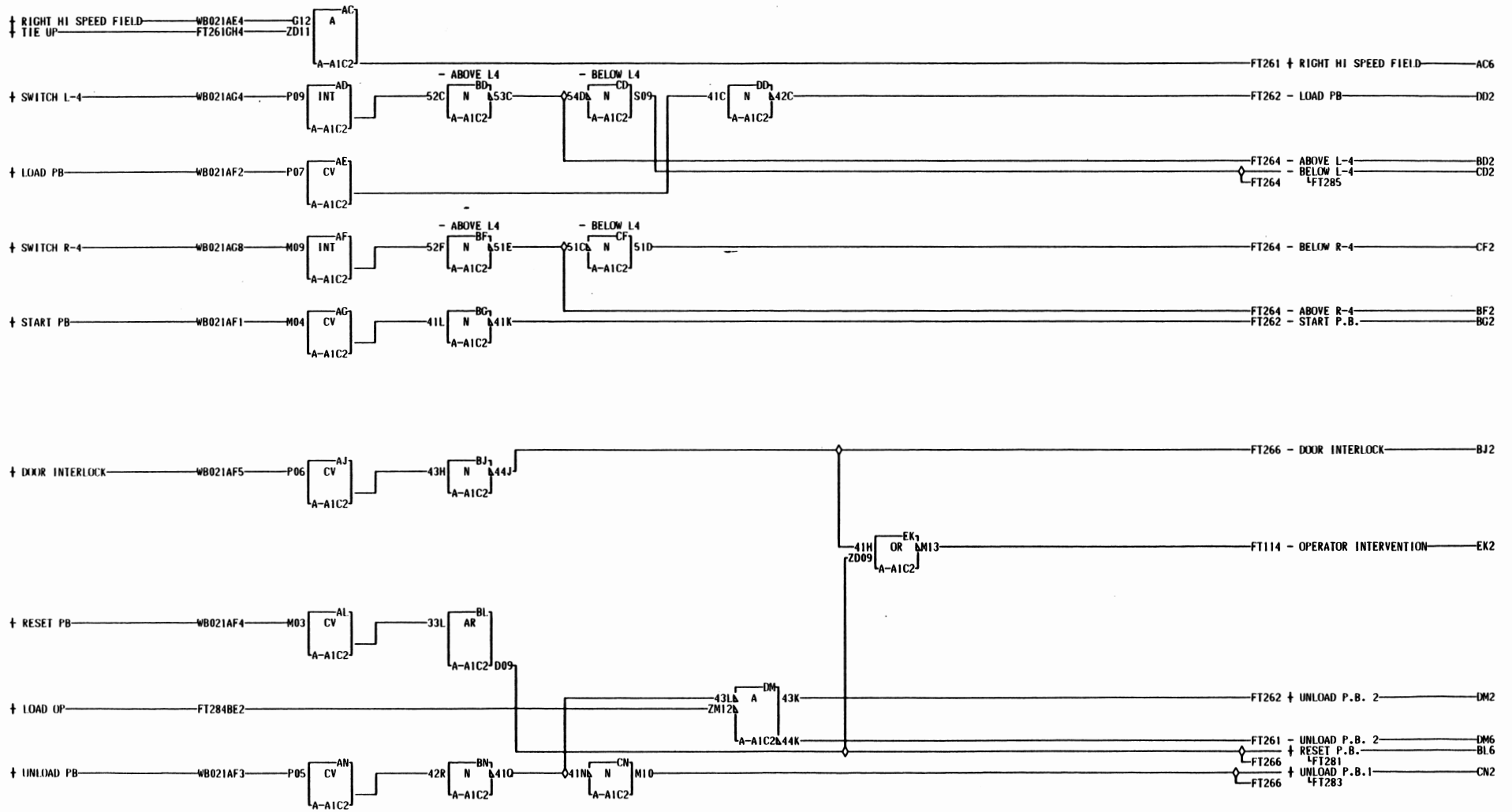




NOTE  
 \*SPECIAL LEVEL\*  
 †12 TO GND GJ4  
 F  
 T  
 2  
 2  
 000

LOC. TYPE  
 A-A1C2 6776

HI SPEC: FIELD CONTROL		F	
LOAD COMP/READY LATCH		T	
-E.C.-HISTORY-	-MACH.3420-3	01	6
733501K	733939	01	2
733510	734046	01	2
733944	734391	IBN CORP. SDD	2
733966			
DATE	LAST EC		
09-04-73	734952	P.N.	2524935

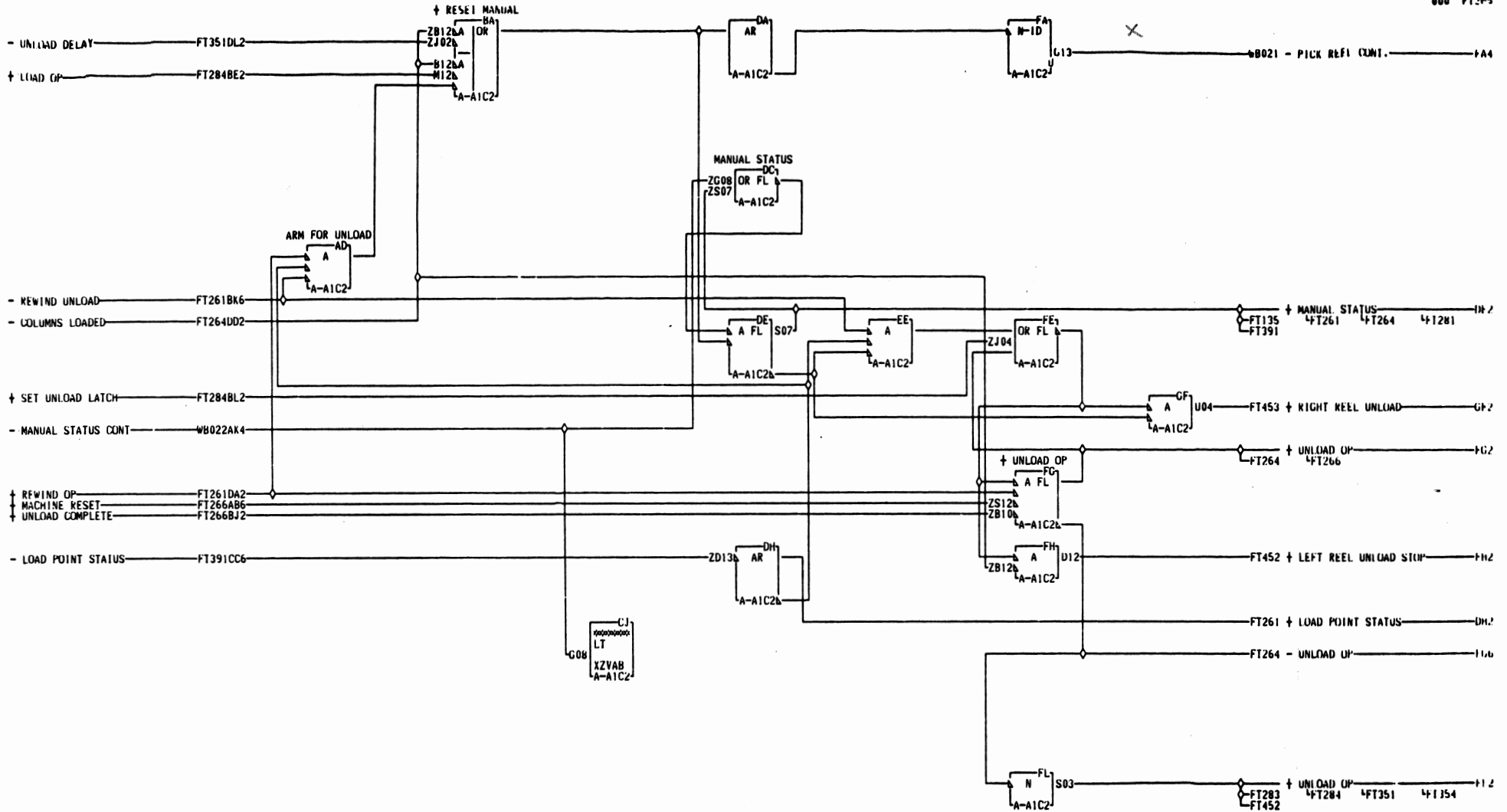


NOTE  
 \*SPECIAL LEVELS\*  
 F #12 TO GND ACB  
 1 GND TO -4.0 ADD AED  
 2 AFD AGD AJD ALD AND  
 6  
 3  
 000

LOC. TYPE  
 A-A1C2 6776

OP PANEL PUSH BUTTONS		F
DOOR INTOL7087	T	
-E.C.-HISTORY	MACH. 3420-3	2
733501K		6
733510	FRAME	01
733944		3
DATE	IBM CORP. SDD	000
LAST EC		
06-21-71	P.N. 2524936	





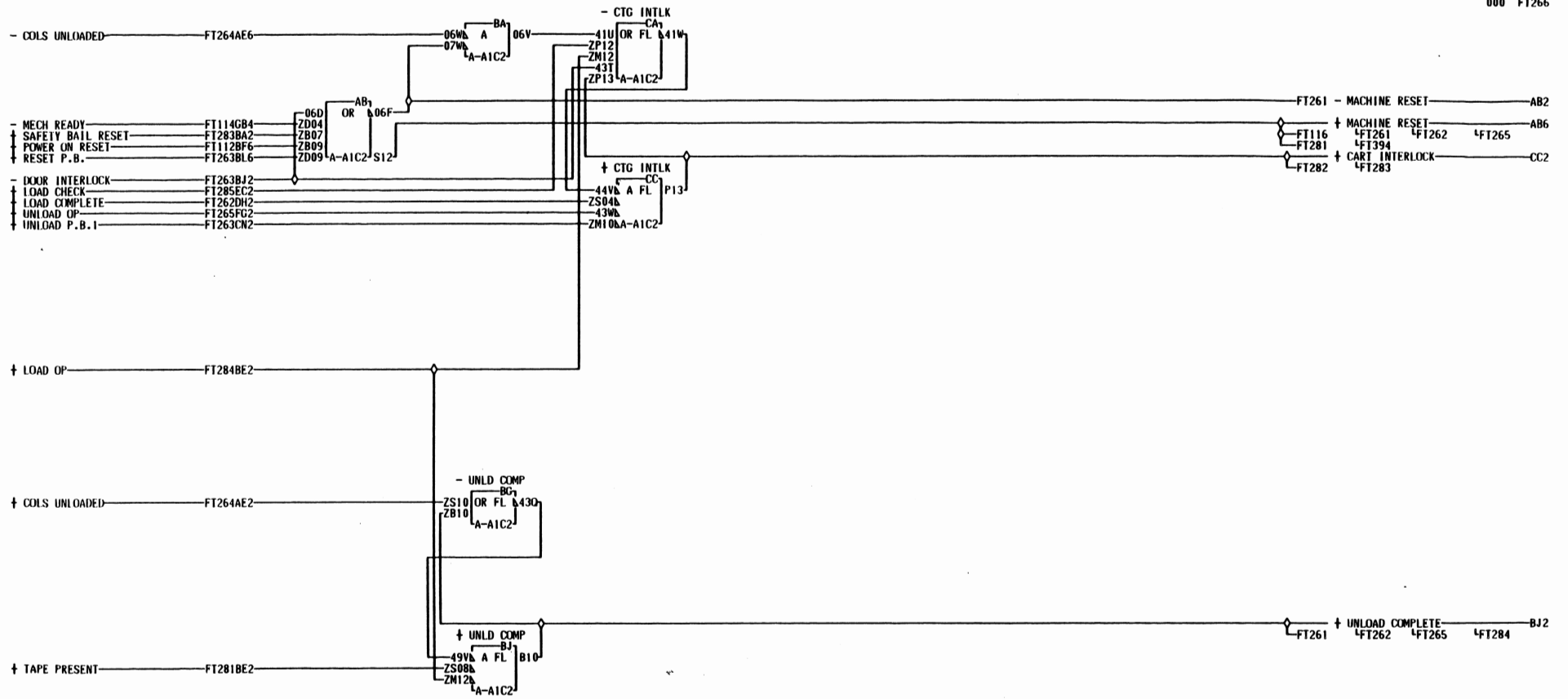
NOTE  
 \*SPECIAL LEVELS\*  
 F +12 TO GND FA40  
 T -.5 TO -2.5 CJD DCB  
 2  
 6  
 5

000

LOC. TYPE  
 A-A1C2 6776

MANUAL STATUS CONTROL		UNLOAD UP	
733501K	733999	733510	734010
733944	734030M	733966	734952
DATE	LAST EC	DATE	LAST EC
06-03-74	737013	06-03-74	737013

—E.C.—HISTORY—MACH. J4/D-3  
 FRAME 01  
 IBM CORP. SMD  
 P.N. 252493B

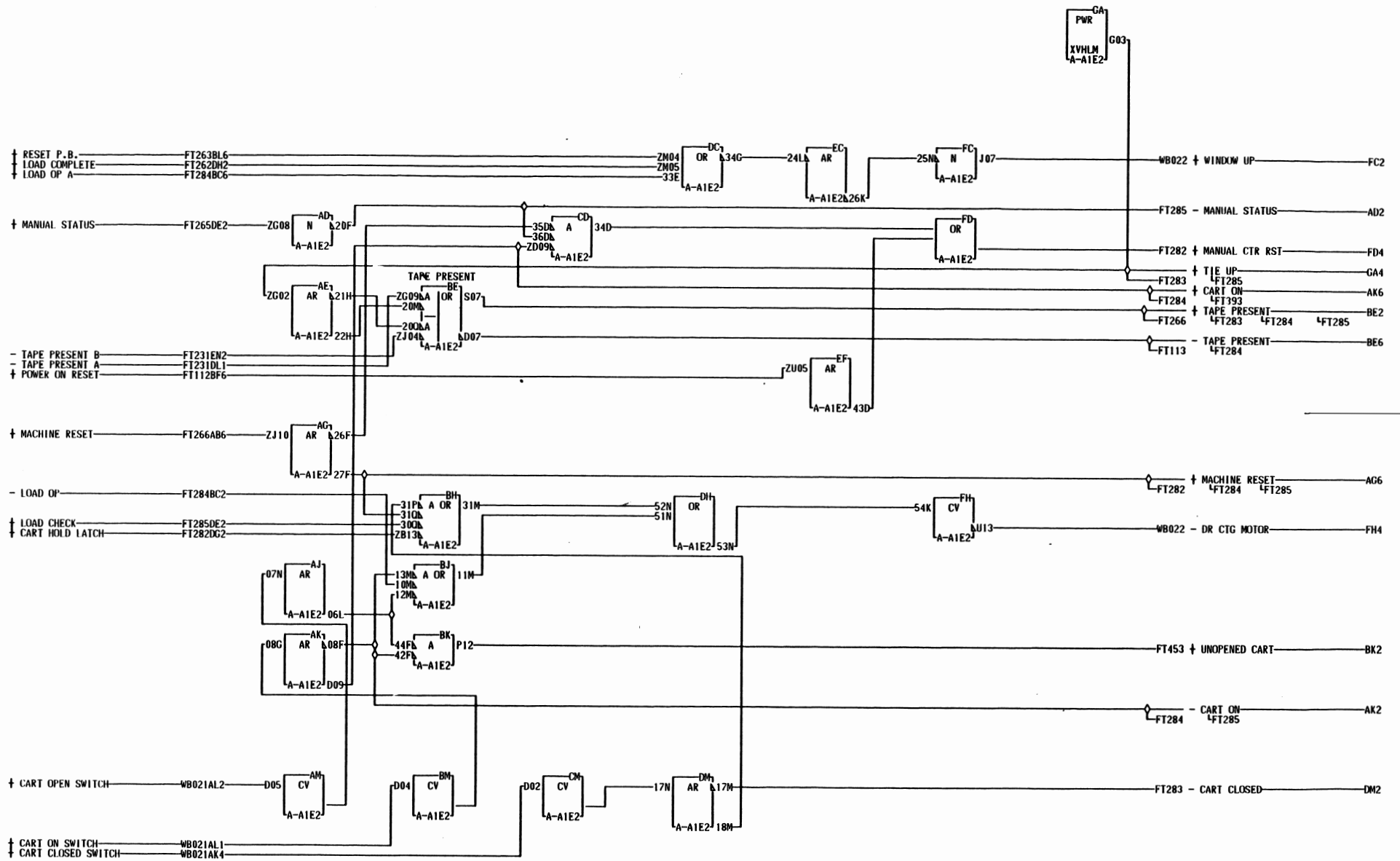


F  
T  
2  
6  
6  
000

LOC. TYPE  
A-A1C2 6776

CART. INTERLOCK		
UNLOAD COMPLETE		
-E.C.-HISTORY-	R MACH.3420-3	
733501K		
733510	FRAME	01
733944		
	IBM (ORP. SDD)	
DATE	LAST EC	
06-21-71	733966	P.N. 2524939

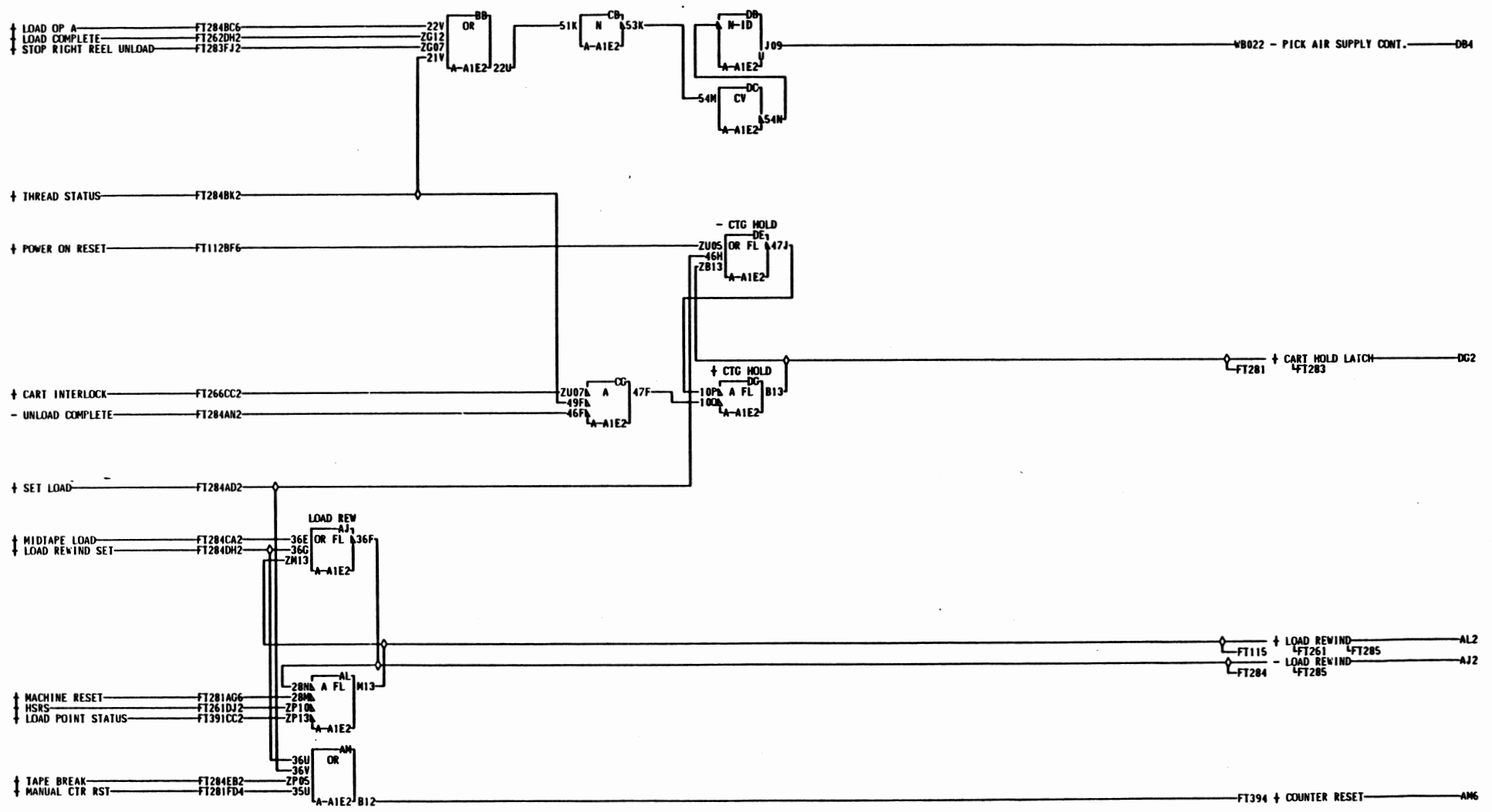
F  
T  
2  
6  
6  
000



NOTE  
 \*SPECIAL LEVELS\*  
 F 45.0 TO GND FC20  
 T 112 TO GND FH40  
 2 GND TO -4 AND BMD CMD BEA  
 8  
 1  
 000

LOC. TYPE  
 A-1E2 6778

CARTRIDGE TAPE PRESENT			
WINDOW UP			
E.C. HISTORY	R	MACH. 3420-3	F
733501K		733966A	T
733510			2
733944		FRAME	01
733966		IBM CORP. SDD	1
DATE	LAST EC		000
08-25-71	733999	P.N. 2524940	

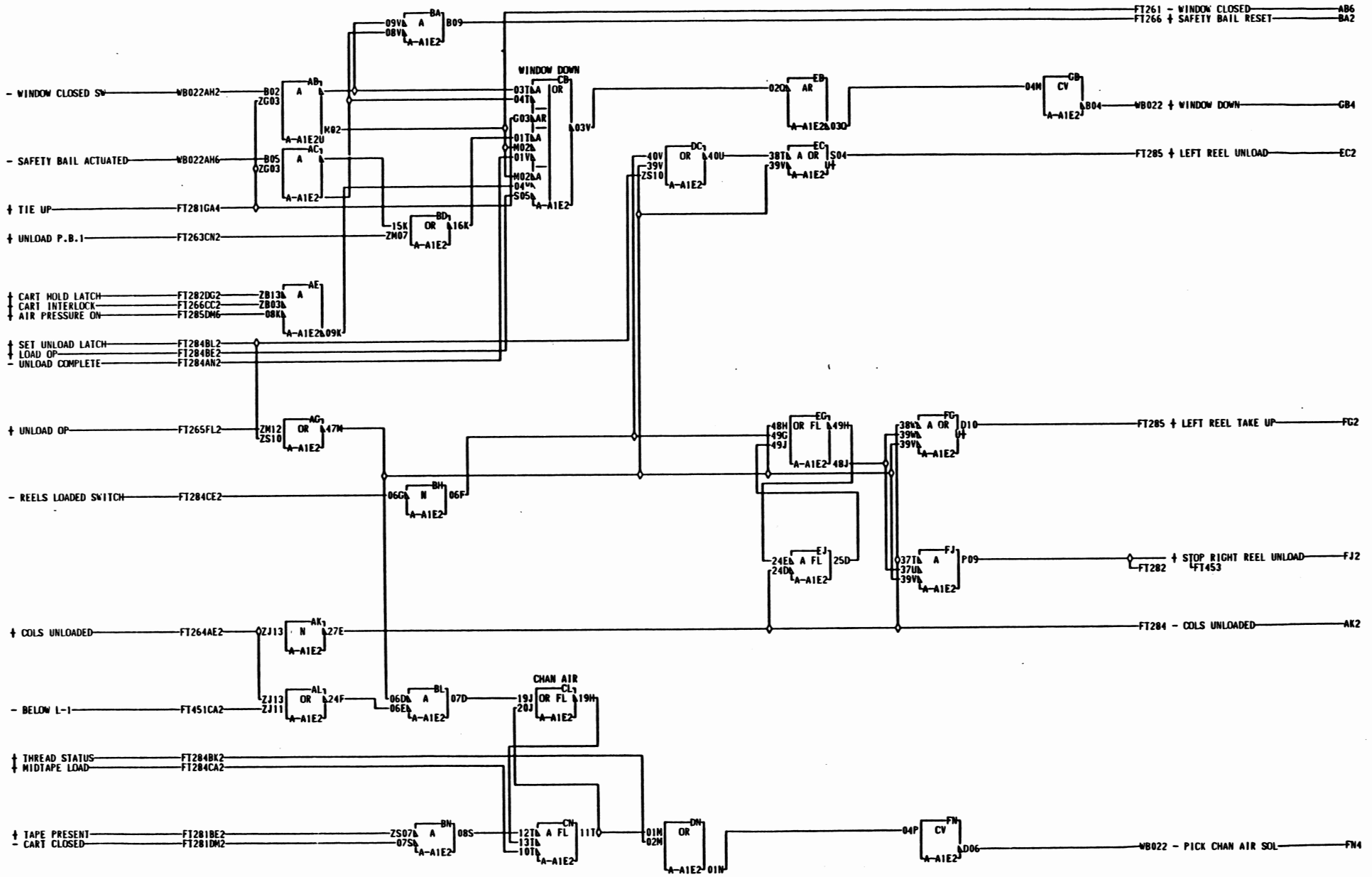


NOTE  
 \*SPECIAL LEVELS\*  
 †12 TO GND DB4

FT282  
 000

LOC. TYPE  
 A-A1E2 6778

PNEU DRIVE		CART HOLD		F T 2 8 2
LOAD REWIND		LOAD REWIND		
-E.C.-HISTORY		-MACH. 3420-3		B
733501K	733966A	FRAME	01	
733510	733999	IBN CORP. SDD	000	
733944	733966	DATE	LAST EC	
09-04-73	734952	P.N.	2524941	

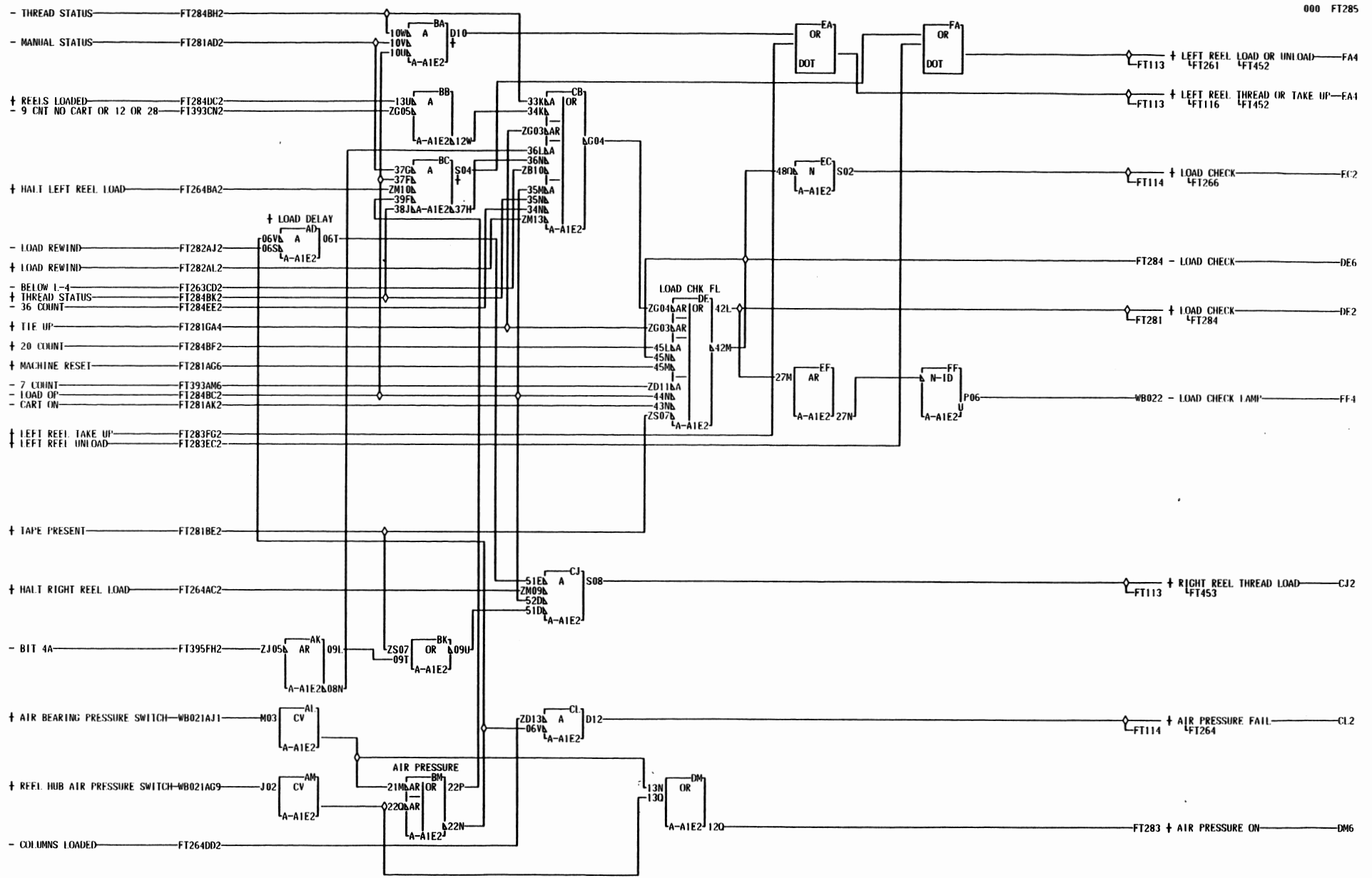


NOTE  
 \*SPECIAL LEVELS\*  
 F 112 TO GND GB4 FN40  
 T 16.0 TO GND ABB ACB  
 1  
 2  
 3  
 000

LOC. TYPE  
 A-A1E2 6778

WINDOW DOWN		CHANNEL AIR	
-E.C.-HISTORY-		-MACH.3420-3-	
733501K	733966A	FRAME	01
733510	733999	IBN CORP. SDD	00
733944			
733966			
DATE	LAST EC		
09-04-73	734952	P.N.	2524942

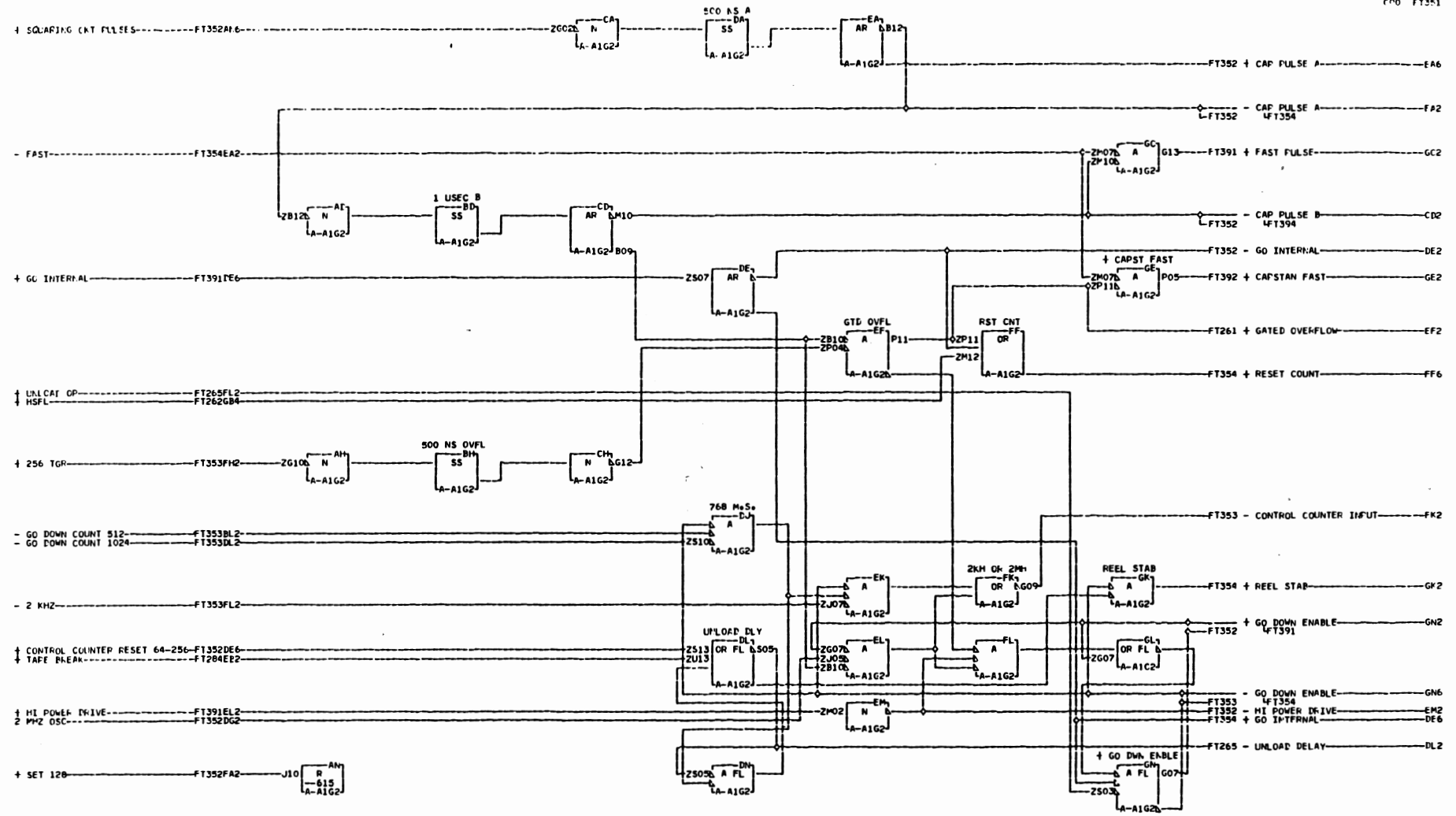




NOTE  
 \*SPECIAL LEVELS\*  
 F GND TO -4 ALD AMD  
 1 †12 TO GND FF4  
 2  
 5  
 000

LOC. TYPE  
 A-A1E2 6778

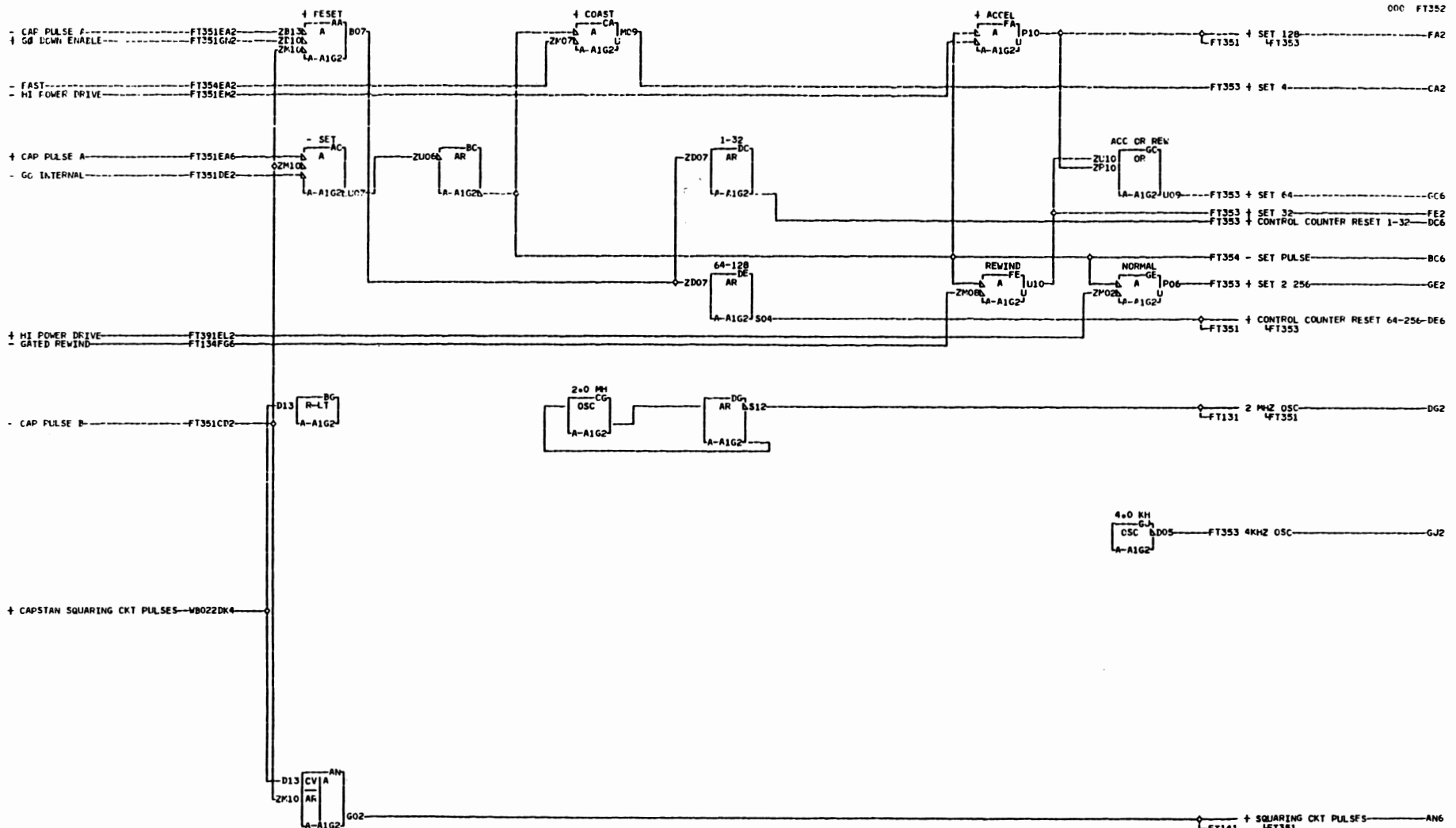
LOAD CHCK		
AIR PRESSURE DEJECT		
-E.C.-HISTORY	MACH. 3420-3	F
733501K	733966A	2
733510		8
733944	FRAME	5
733966	IRM CORP. S/D	
DATE	LAST EC	000
08-25-71	733999	P.N. 2524944



F  
T  
S  
I  
000

LOC. TYPE  
A-A1G2 6785

CAPOOVFL	PULSES	UNLOAD DLY			
GO DN ENA	PLUG	CAP FAST			
EC-HISTORY	EMACH	3420-3			
733501K	733999				
733510	734030	FRAME	01	5	
733944					
733966		IBM CORP.	SDD		000
DATE	LAST EC				
01-10-79	845982	P.No.	2524945		



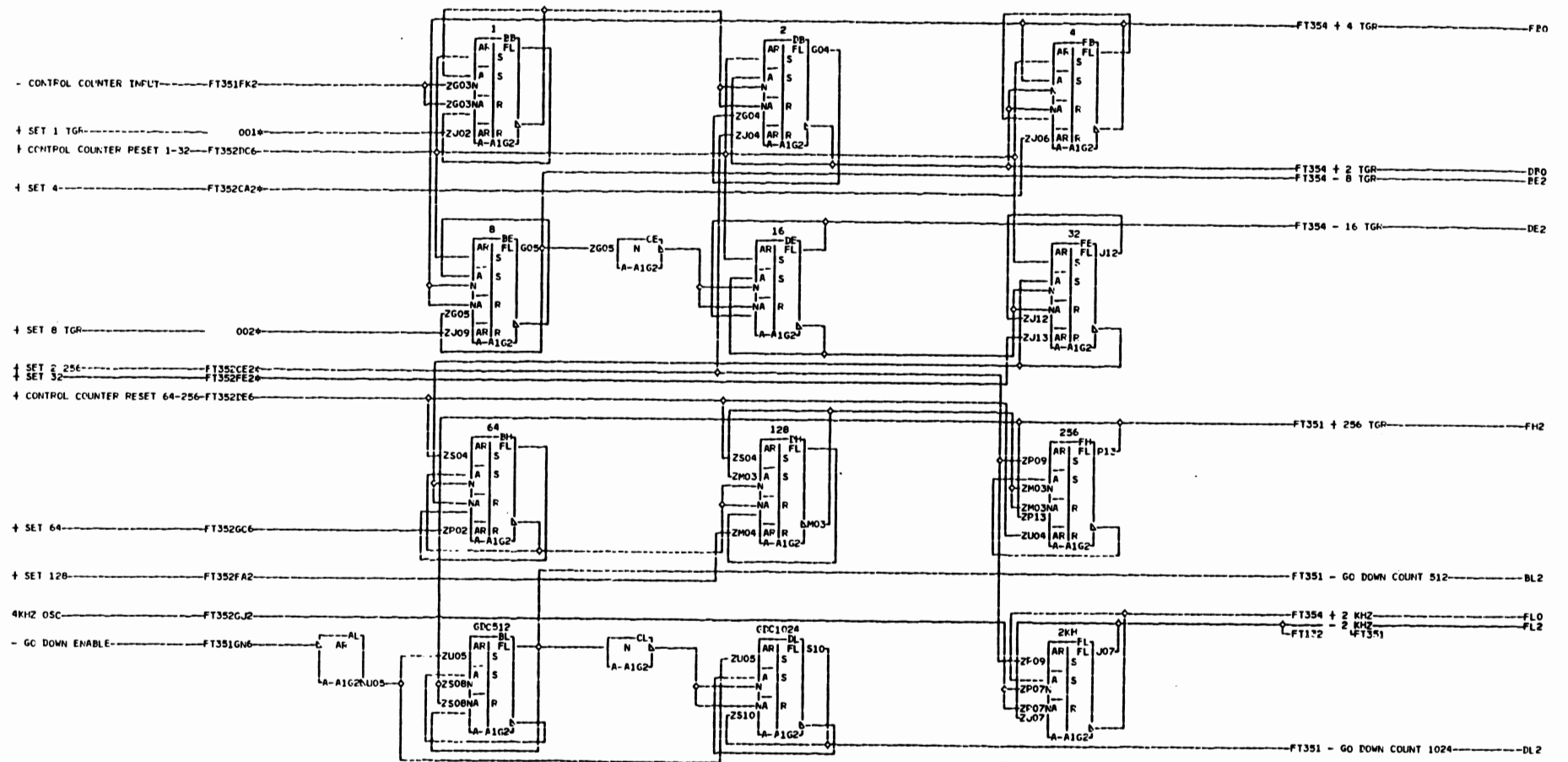
000 FT352

NOTE  
SPECIAL LEVELS  
F 16-0 TO GND W022DK4

000

LOC. TYPE  
A-11G2 6785

PRESET GENERATION		
4 KH02 MH OSCILLATORS		F
E-C-HISTORY-E-MACH-3420-3		T
733901K	733999	3
733510	734030	2
733944		01
734966		IBM CORP. SDD
DATE	LAST EC	000
01-10-79	845982	P.N. 2524946



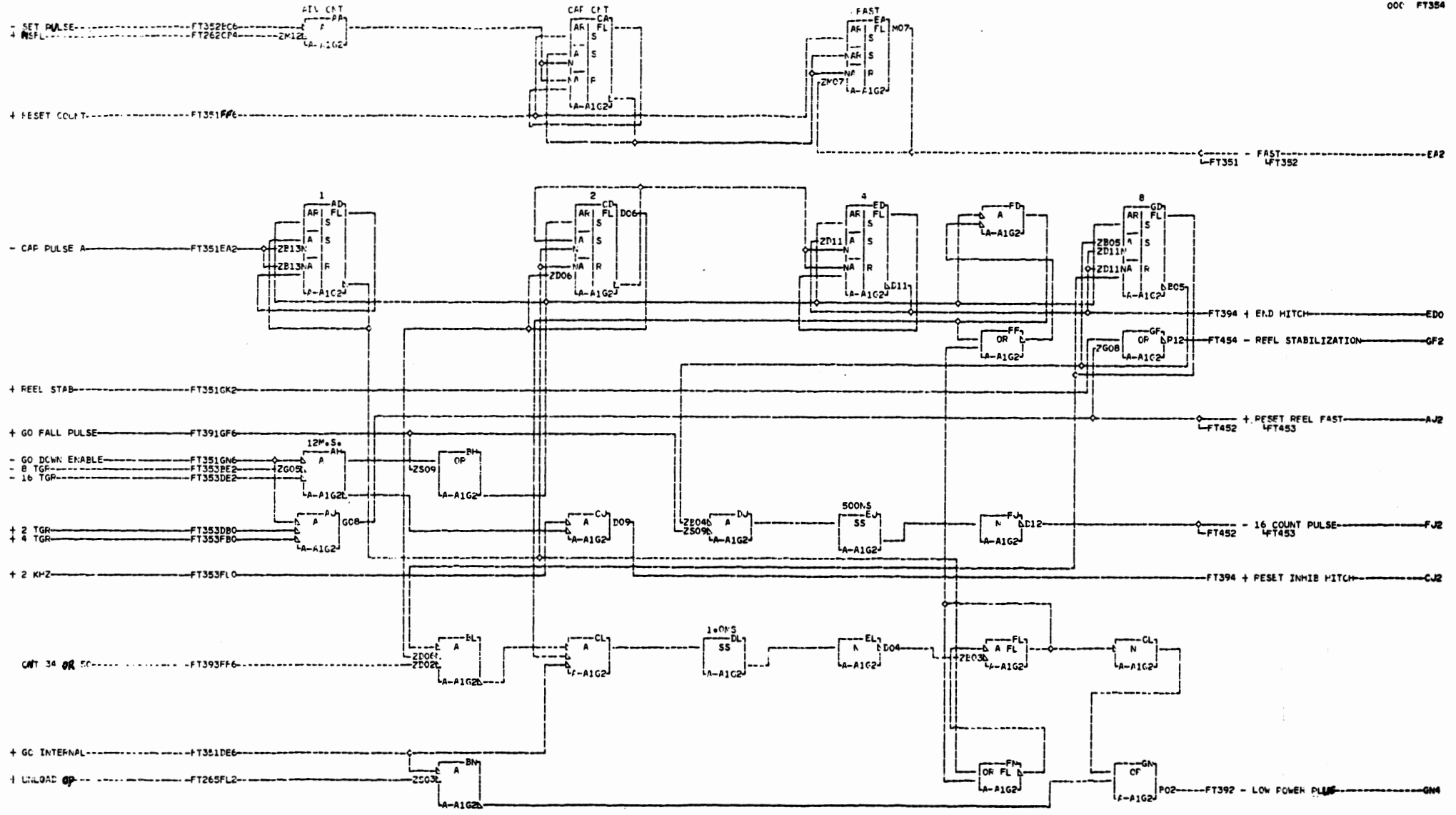
F  
T  
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000

- 001 RESISTOR FT352FE2  
A-A1G2J02 RESISTOR A-A1G2J13
- 002 RESISTOR FT352GE2  
A-A1G2J09 RESISTOR A-A1G2J04
- FT352CA2  
RESISTOR A-A1G2J06

LOC. TYPE  
A-A1G2 6785

CAPSTAN CONTROL COUNTER			
---E---C---	HISTORY	FACH#3420-3	
733591K	734030	FRAME	01
733510		IBM CORP.	SDD
733944		DATE	LAST EC
733966		01-10-79	845982
		P#N#	2524947

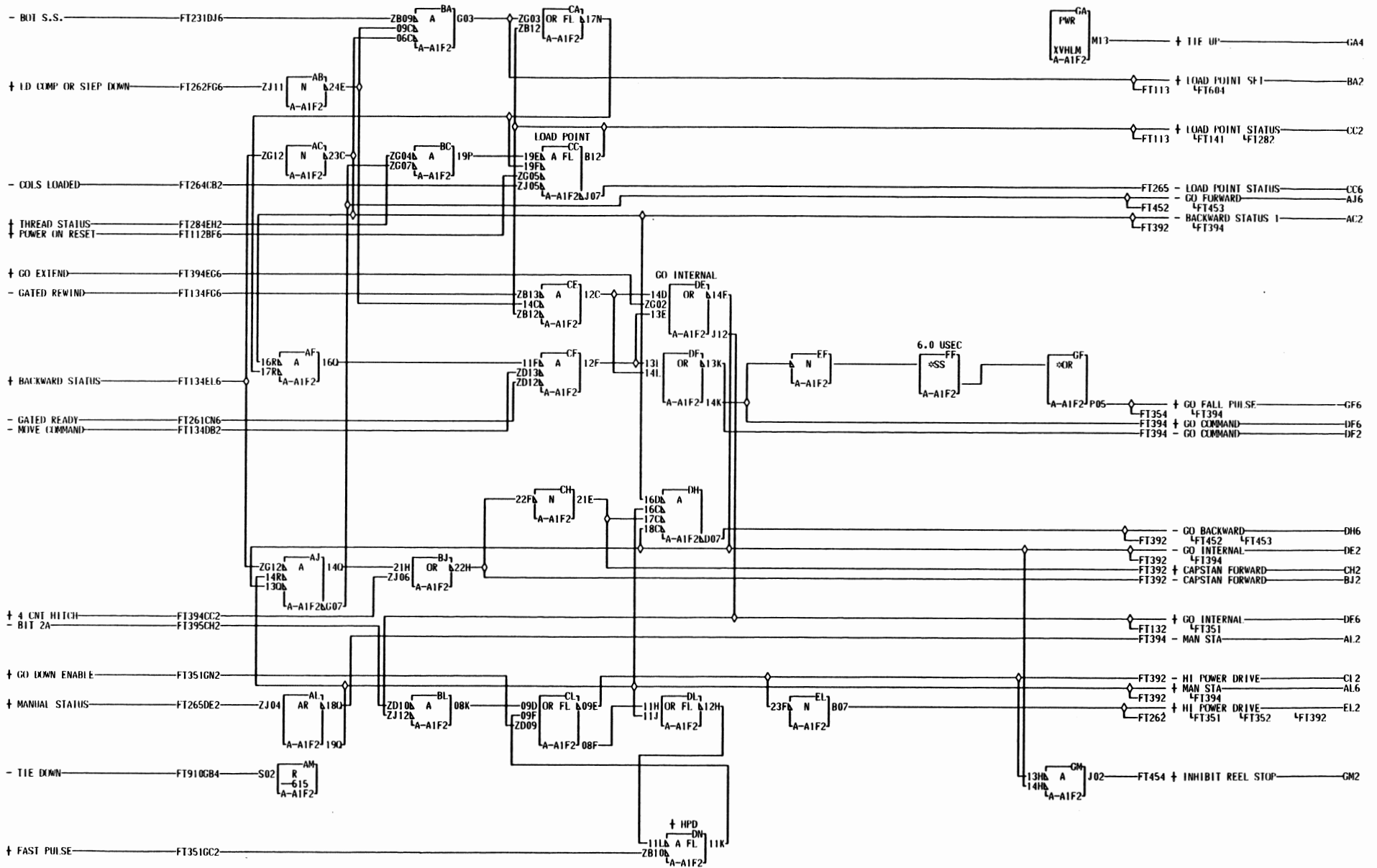
F  
T  
U  
S  
000



LOC. TYPE  
A-A1G2 6785

CAPSTAN FAST 16 COUNT PULSE GENERATION			
E-C-HISTORY		E-MACH-3420-3	
73301A	733999	FRAME	01
733510	734030	IBN CORP. SDD	000
733944	737013		
733966			
DATE	LAST EC	P.N.	2524948
06-10-77	449080		

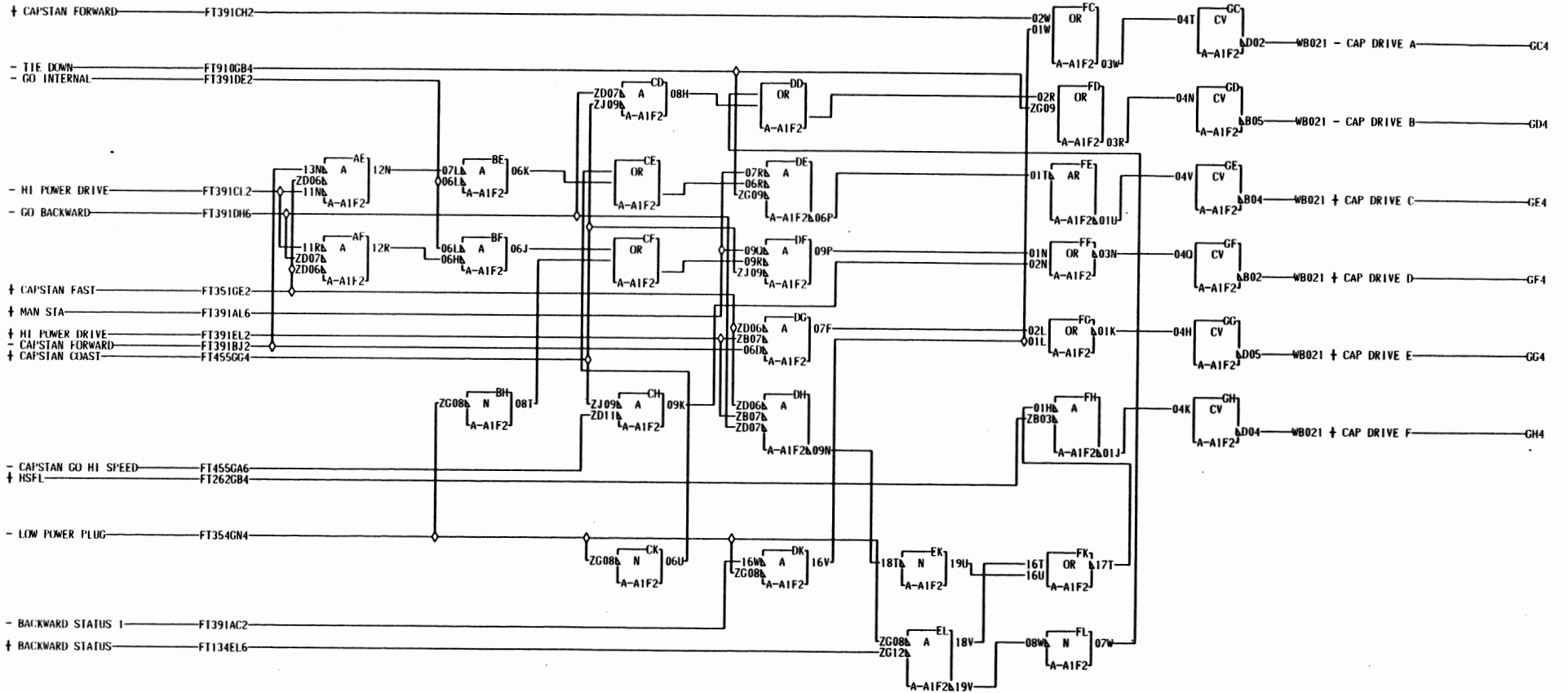
FT354  
000



F  
1  
3  
9  
1  
000

LOC. TYPE  
A-A1F2 6779

GO CONTROL			
E.C. - HISTORY	R	MACH. 3420-3	F
733501K	733999		1
733510		FRAME	01
733944		IRM (CORP. SID)	1
733966			
DATE	LAST EC		000
10-22-71	734030	P.N. 2524949	

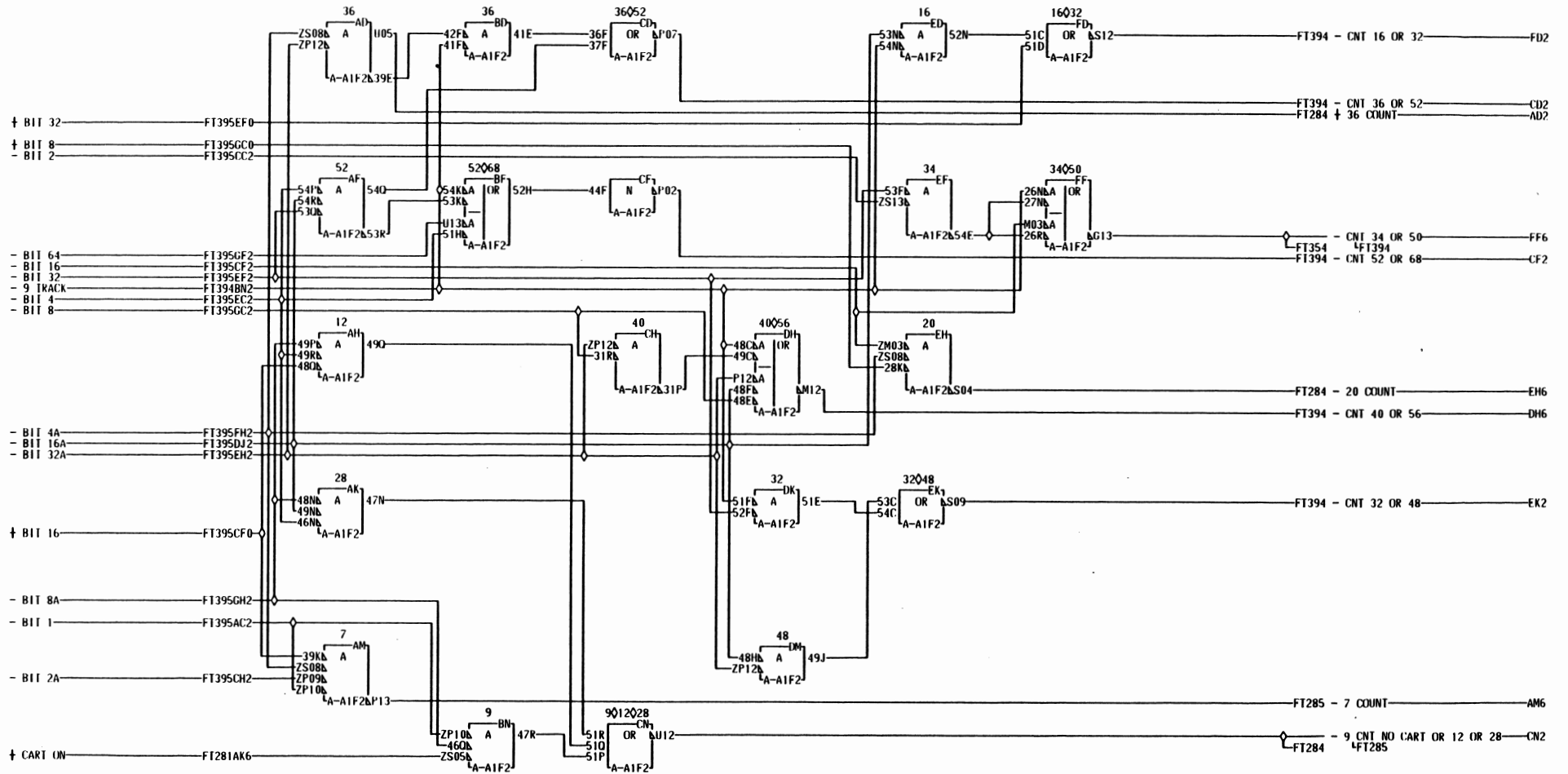


NOTE  
 \*SPECIAL LEVELS  
 †12 TO GND GC4 GD4  
 † GE4 GF4 GG4 GH4  
 3  
 9  
 2  
 000

LOC. TYPE  
 A-A1F2 6779

CAPSTAN DRIVE	
E.C. HISTORY	R1 MACH. 3420-3
733501K	
733510	FRAME 01
733944	
733966	DATE
10-22-71	734030
LAST EC	IBM (XRP. SIN)
	P.N. 2524950

F  
 T  
 3  
 9  
 2  
 000



F  
T  
3  
9  
3  
000

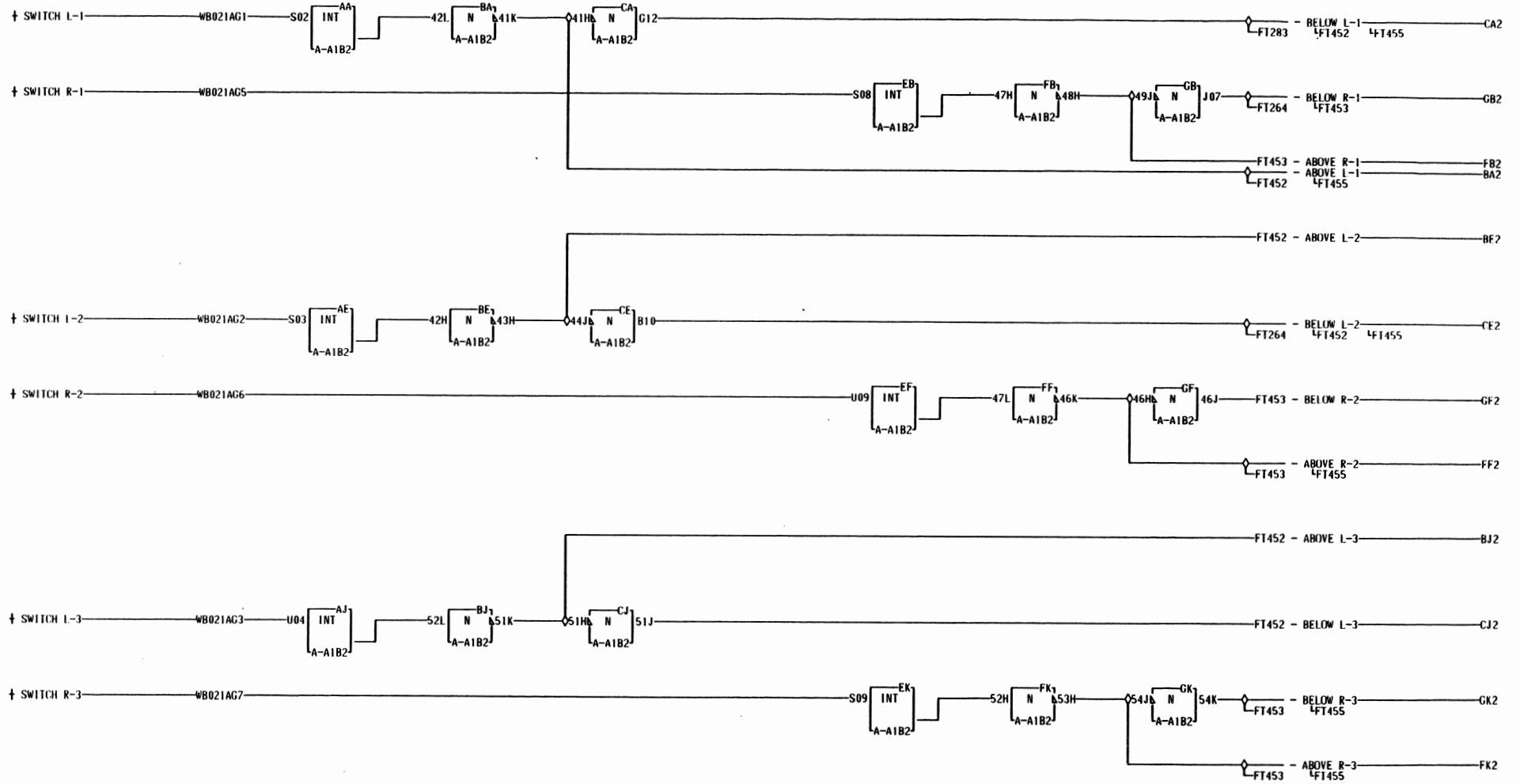
LOC. TYPE  
A-A1F2 6779

COUNT DECODING	
-E.C.-HISTORY-R	MACH. 3420-3
733501K	733999
733944	FRAME 01
733966	IBM (ORP. SD)
DATE	LAST EC
10-22-71	734010
	P.N. 2524951

F  
1  
3  
9  
3  
000



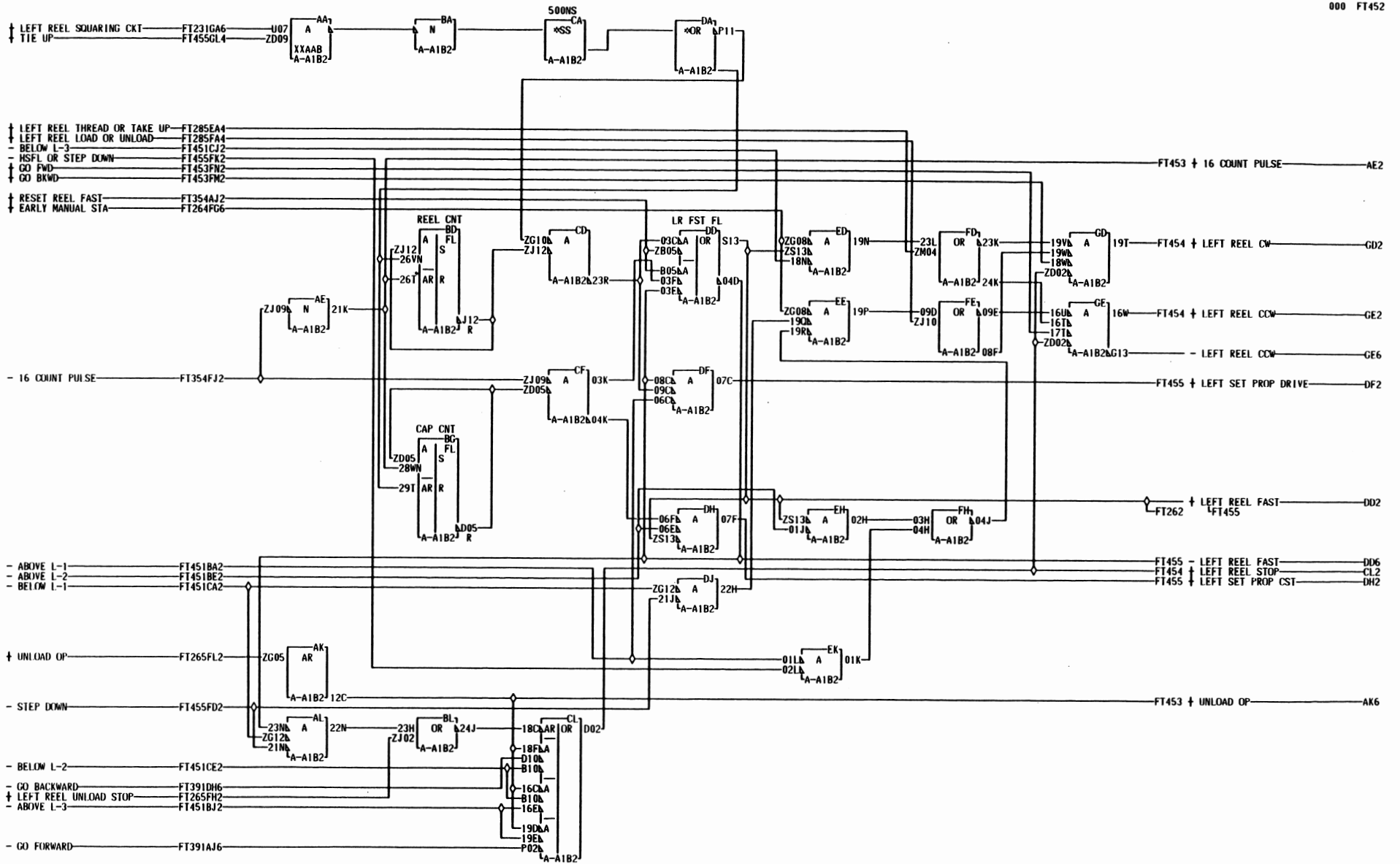




NOTE  
 \*SPECIAL LEVELS\*  
 F GND TO -4.0 RAD AED  
 T AJD ERD EFD EXD  
 4  
 5  
 1  
 000

LUC. TYPE  
 A-A1B2 6775

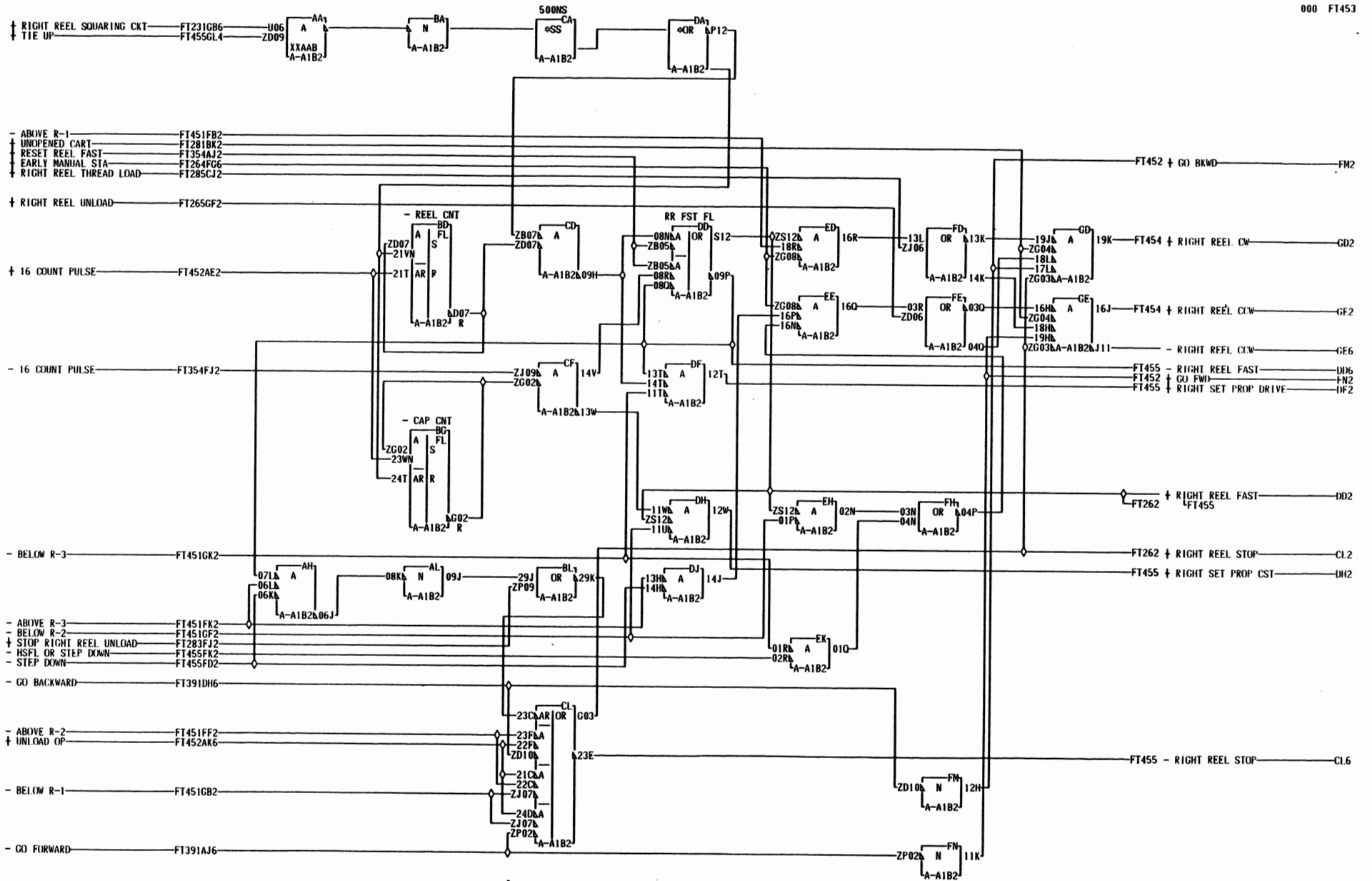
LEFT AND RIGHT REEL CONTROL		
VACUUM SWITCHES		
-E.C.-HISTORY	-R1 MACH. 3420-3	F
733501K		T
733510	FRAME 01	4
733944	IBM CORP.	5
		1
DATE	LAST EC	000
06-21-71	733966	
	P.N. 2524954	



NOTE  
 \*SPECIAL LEVELS\*  
 F +6.0 TO GND AAB  
 1  
 4  
 5  
 2  
 000

LOC. TYPE  
 A-A1B2 6775

LEFT REEL CONTROL			
E.C.	HISTORY	R	MACH. 3420-3
733501K	733999		
733510	734030	FRAME	01
733944			2
733966		IBM CORP.	
DATE	LAST EC		000
12-17-71	734030B	P.N. 2524955	

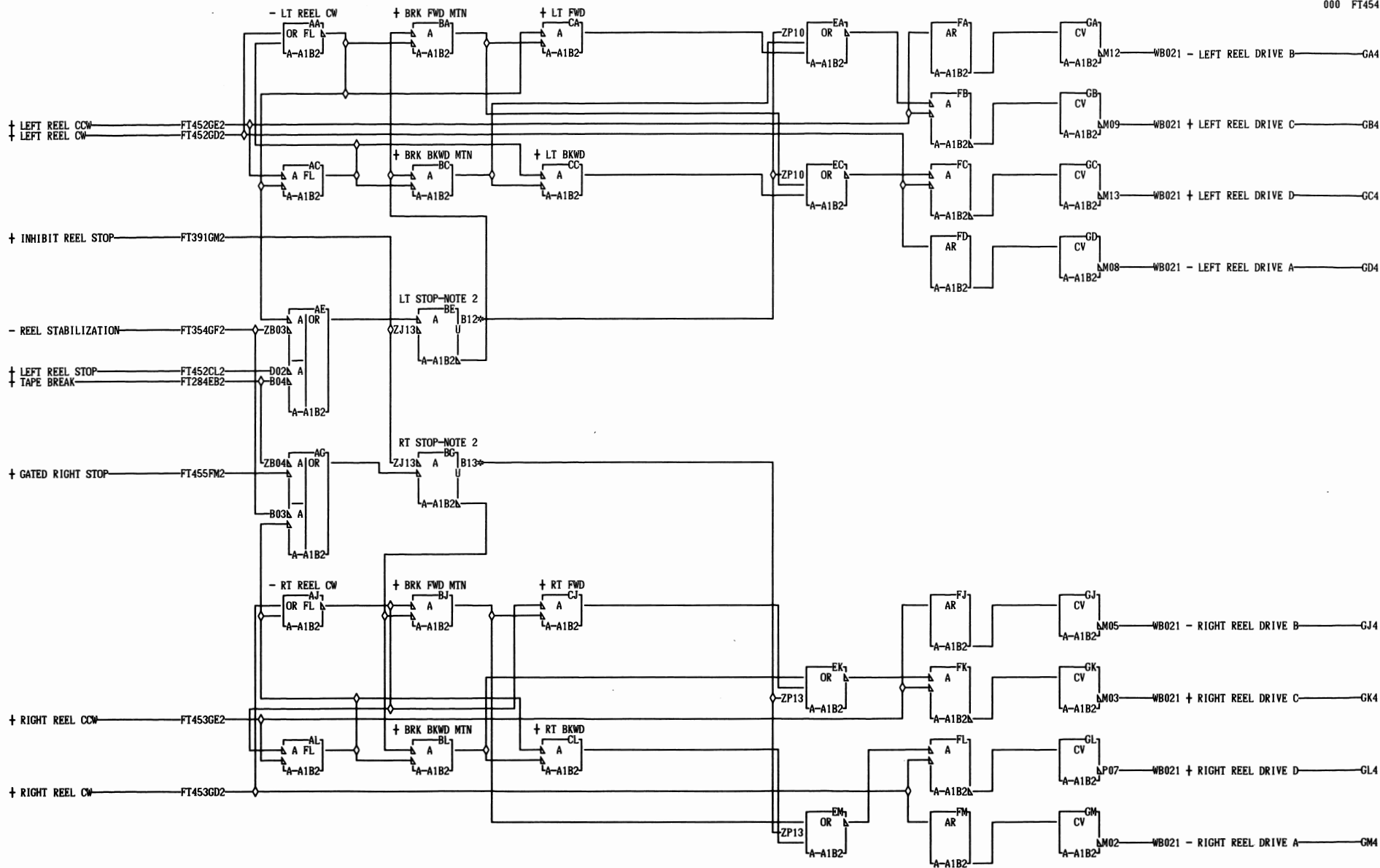


NOTE  
 \*SPECIAL LEVELS\*  
 F +6.0 TO GND AAB  
 1  
 4  
 5  
 3  
 000

LOC. TYPE  
 A-A1B2 6775

RIGHT REEL CONTROL	
— E.C. — HISTORY —	R MACH. 3420-3
733501X	733510
733944	FRAME 01
733966	IBM CORP.
DATE	LAST EC
08-25-71	733999
	P.N. 2524956

F  
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 3  
 000

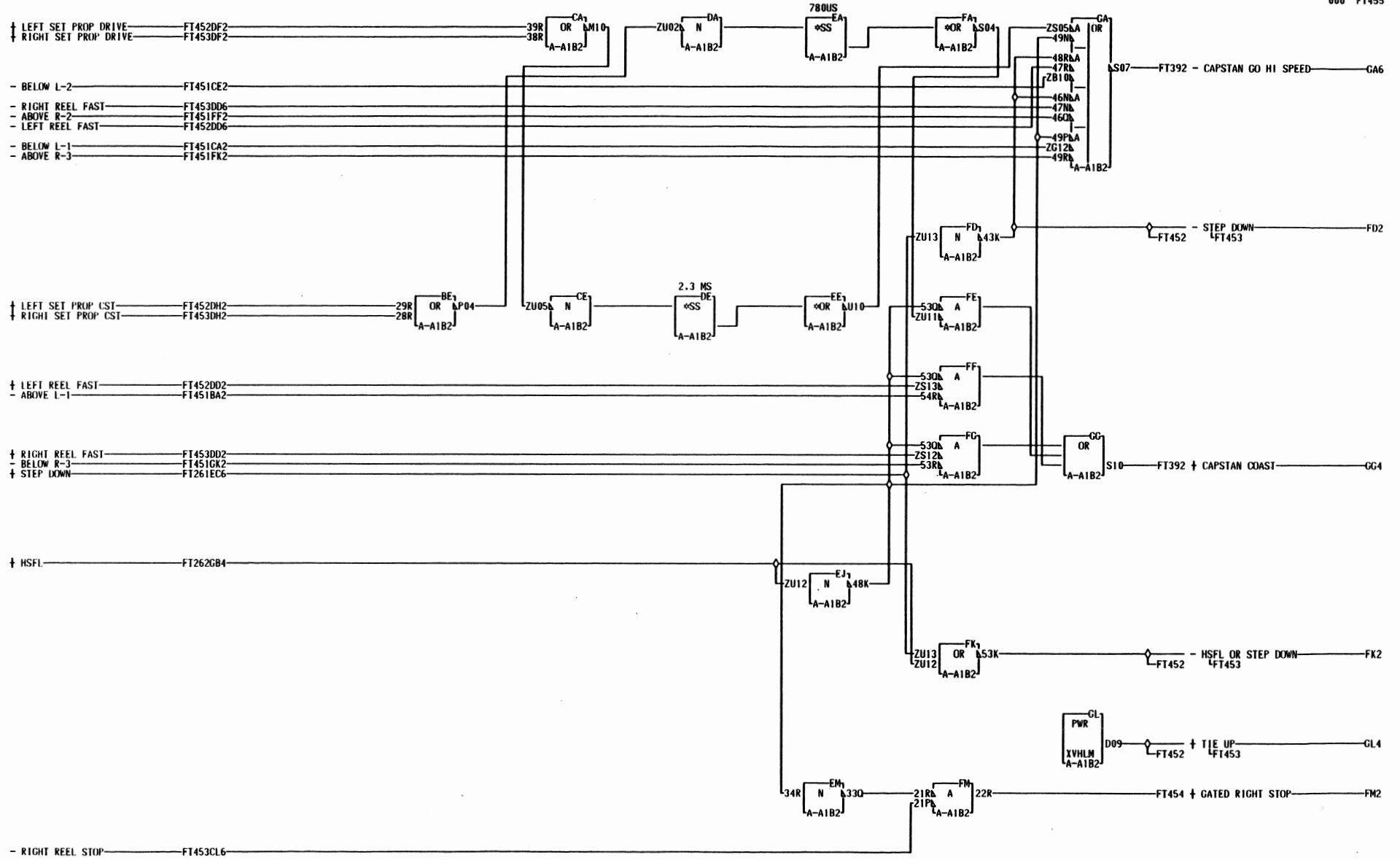


NOTE  
 \*SPECIAL LEVELS\*  
 F +I2 TO GND GA4 GB4 GC4 GD4 GJ4  
 T GK4 GL4 GM4  
 4 NOTE 2. WIRES FROM B12 AND  
 5 B13 ARE NOT PRESENT ON  
 4 CONVERTED MACHINES HAVING REEL  
 MOTOR BOARDS PN 4450016 OR  
 000 PN 373561 OR PN 2524137.

BE2 RESISTOR  
 A-A1B2P10  
 BG2 RESISTOR  
 A-A1B2P13

LOC. TYPE  
 A-A1B2 6775

LEFT AND RIGHT REEL DRIVE		
-E.C.-HISTORY-		E1 MACH. 3420-3
733501K	734030	F 4
733510	846180	T 4
733944		FRAME 01 4
733966		IBM CORP. 4
DATE	LAST EC	000
04-21-81	846320C	P.N. 2524957

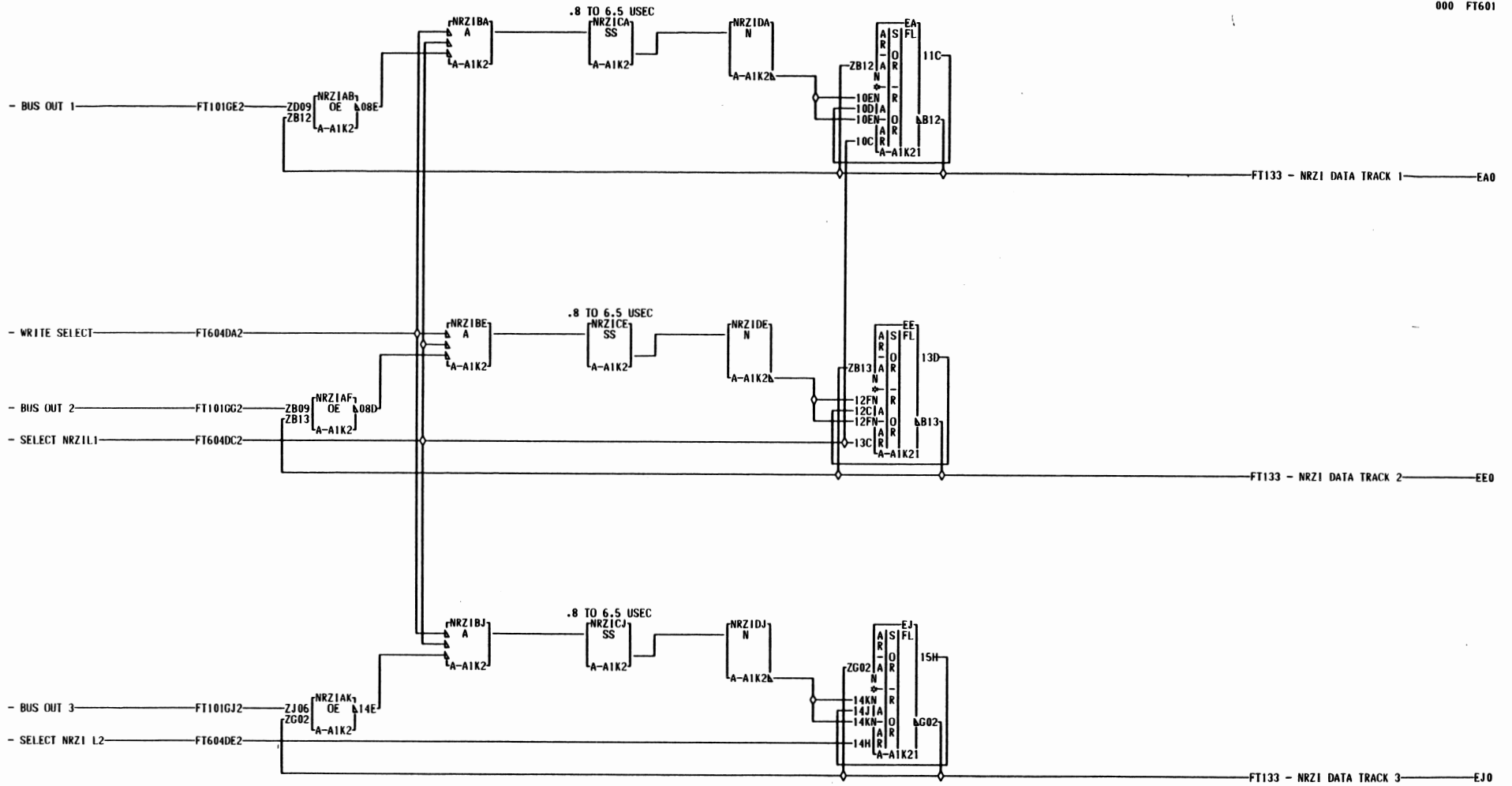


F  
T  
4  
5  
S  
000

LOC. TYPE  
A-A1B2 6775

HI SPEED REWIND CAPSTAN CONTROL		
-E.C.-HISTORY-	MACH. 3420-3	
733501K		
733510	FRAME	01
733944	IBM CORP.	5
DATE	LAST EC	
06-21-71	733966	P.N. 2524958

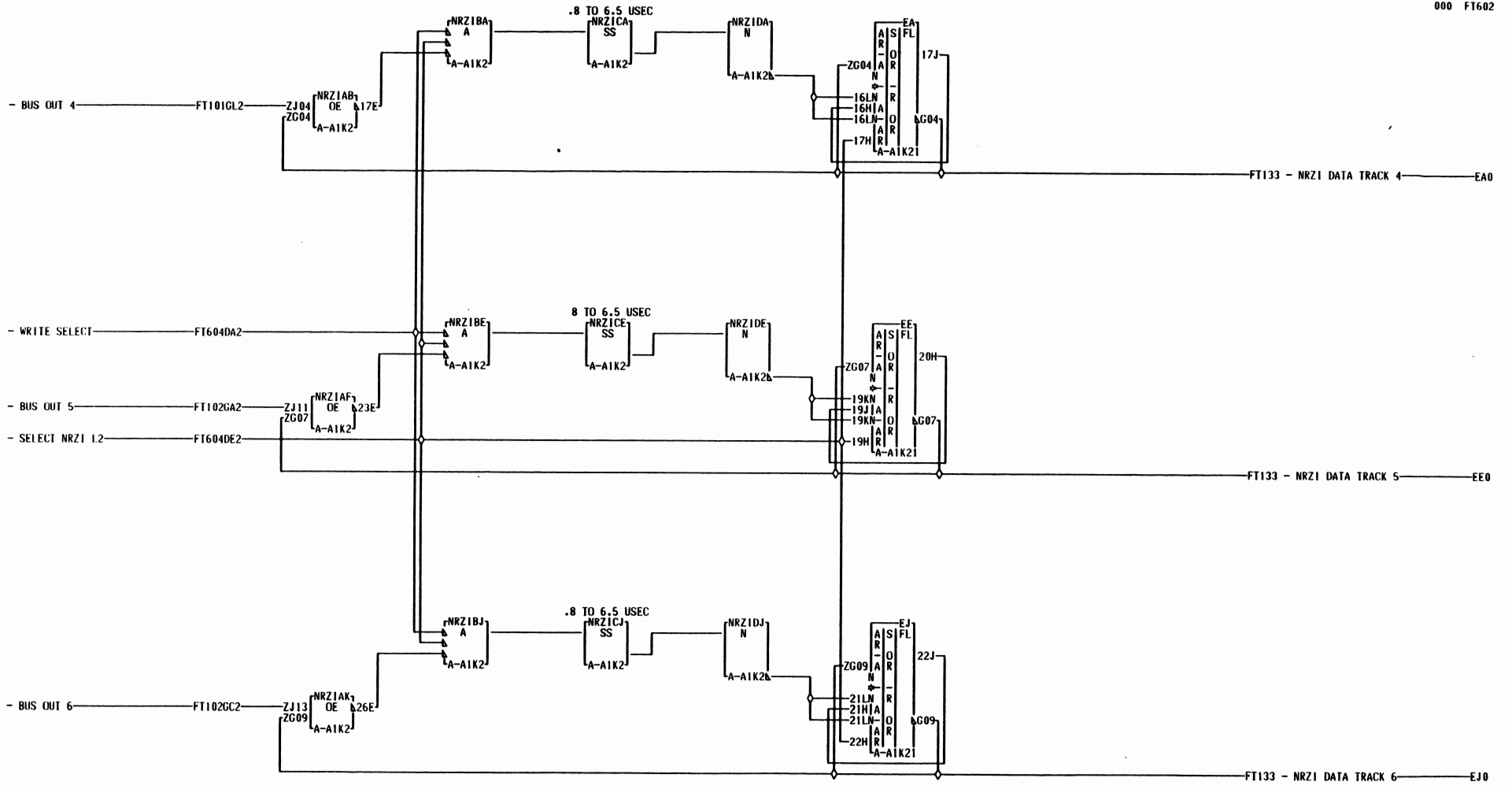
F  
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4  
5  
S  
000



FT601  
000

LOC. TYPE  
A-A1K2 6786

WRITE DESKEW NRZI		FT
75 IPS		T
S.C. HISTORY	MACH. 3420-3	6
733501K		0
733510	FRAME 01	1
733944		1
DATE	LAST EC	000
06-21-71	733966	
	P.N. 2524959	

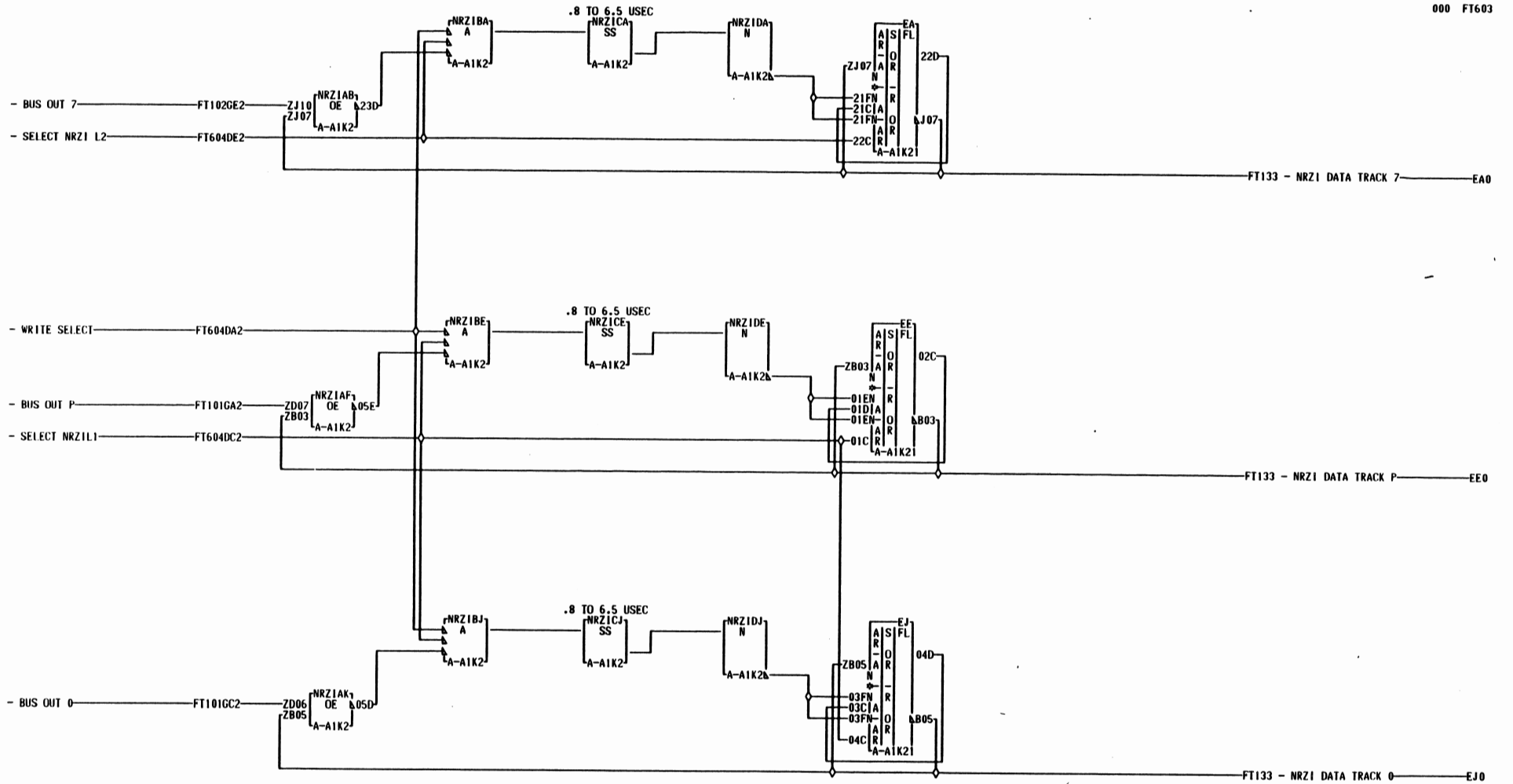


FT602  
000

LOC. TYPE  
A-A1K2 6786

WRITE DESKWEV NRZI		75 IPS	
-E.C.-HISTORY-		-R-MACH. 3420-3	
733501K		FRAME	01
733510			02
733944		IBM CORP.	
DATE	LAST EC	P.N.	2524960
06-21-71	733966		

FT602  
000

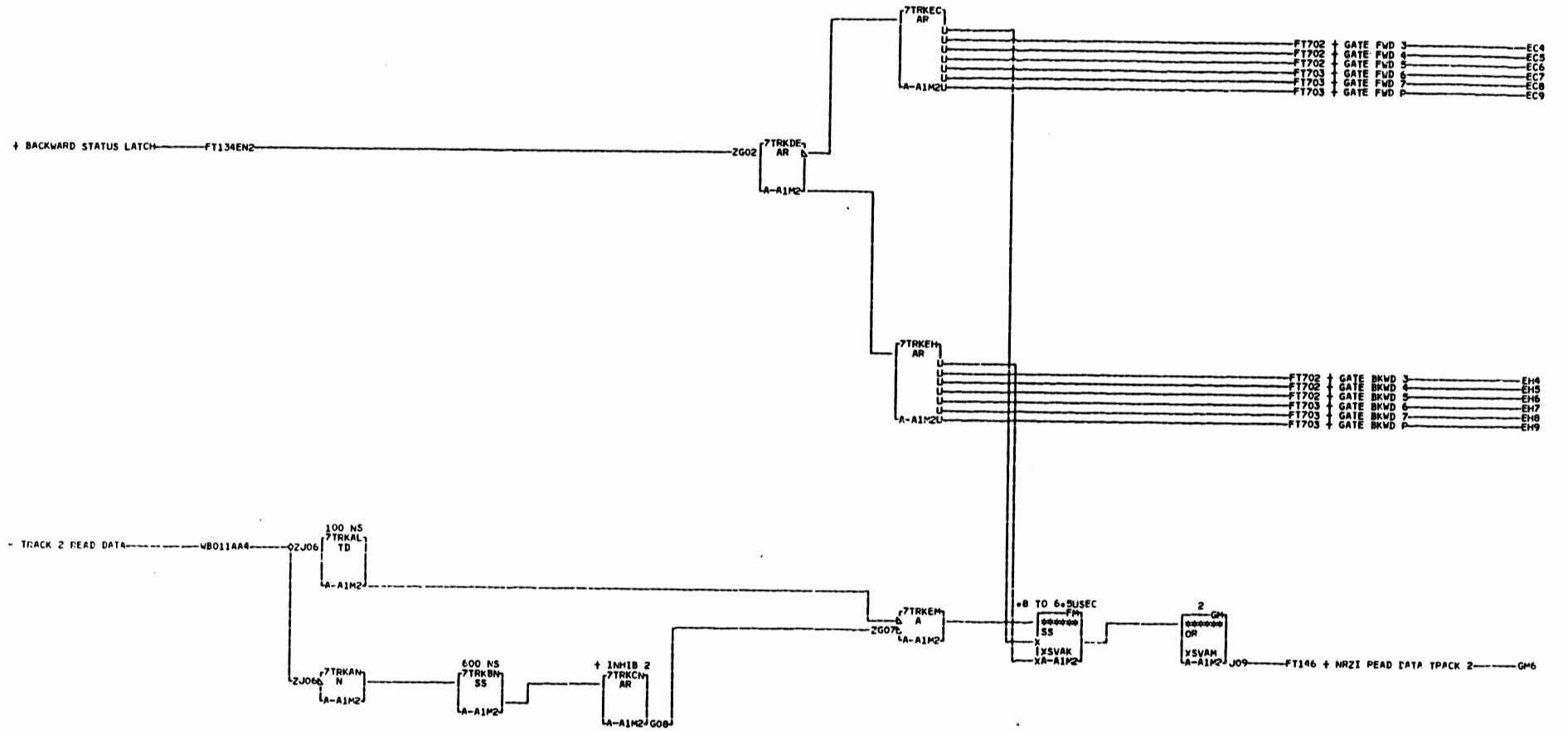


F  
T  
6  
0  
3  
000

LDC. TYPE  
A-A1K2 6786

WRITE DESKEW NRZI		F
75 IPS		T
-E.C.-HISTORY	MACH.3420-3	6
733501K	FRAME	01 0
733510		3
733944	IBM CORP.	000
DATE	LAST EC	
06-21-71	733966	P.N. 2524961



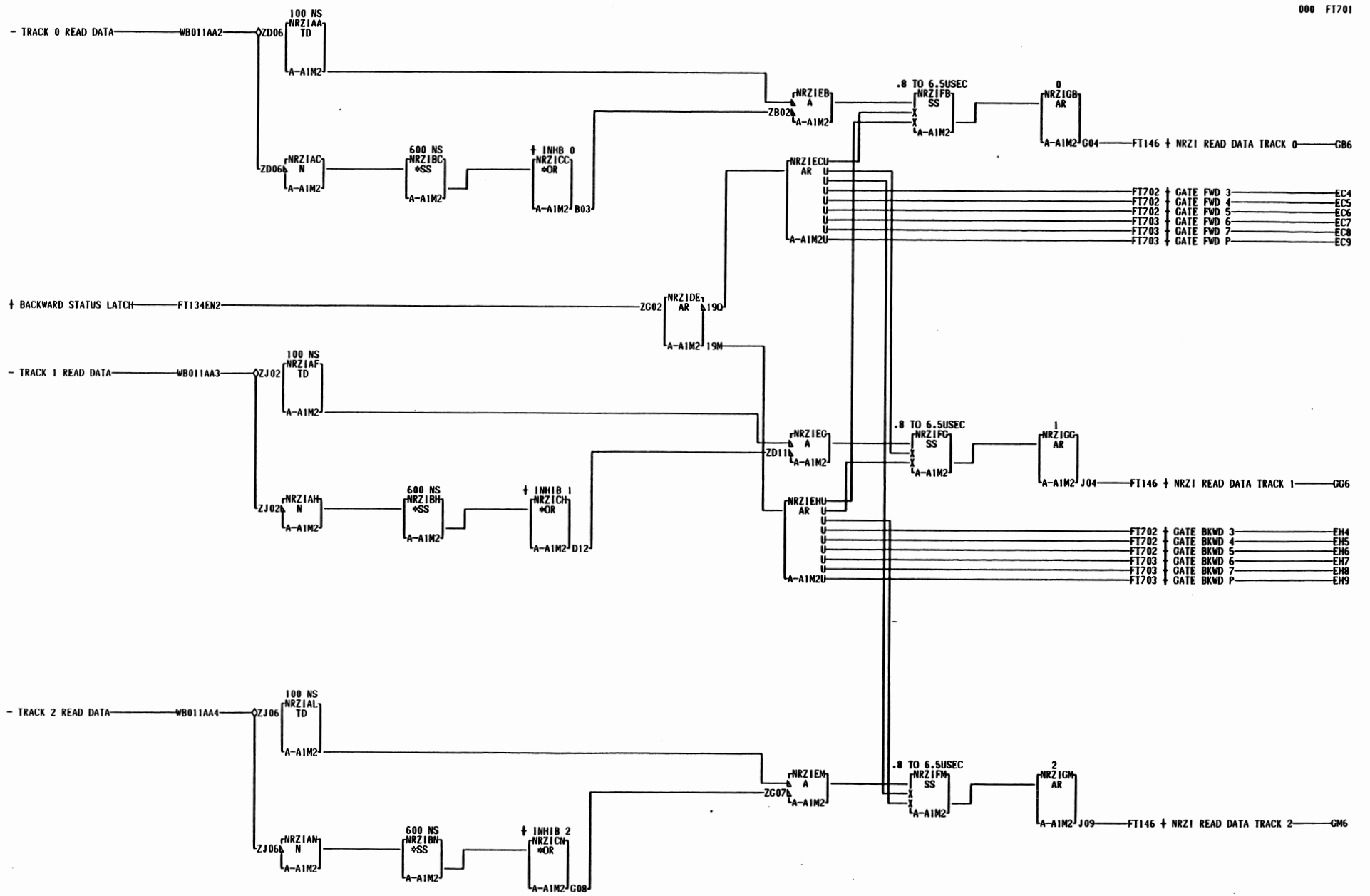


LOC. TYPE  
A-1M2 1524

PULSE WIDTH DISCRIMINATION		
AND READ DESKEW 00102 7 TRK		
EC-C-HISTORY	EC-MACH-3420-3	
733510		
733944	FRAME	01
733966	IBM CORP.	
DATE	LAST EC	
02-21-80	846320	
	P.N.	1765368

F  
T  
7  
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1  
7 TRACK  
001 SIM TO PN 2524963 EC 733966

F  
T  
7  
0  
1  
001

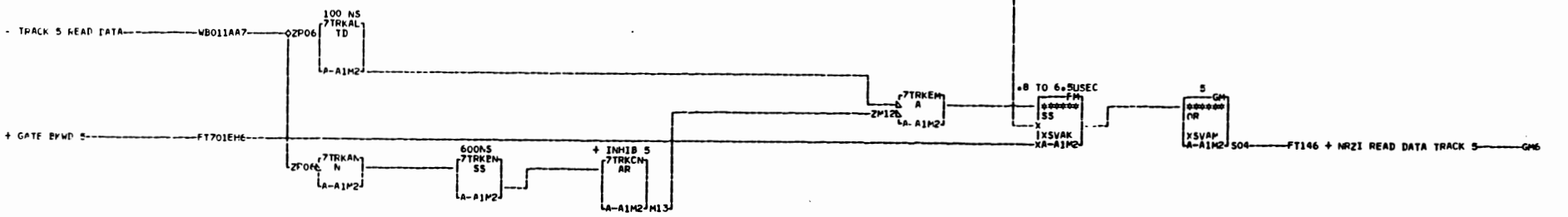
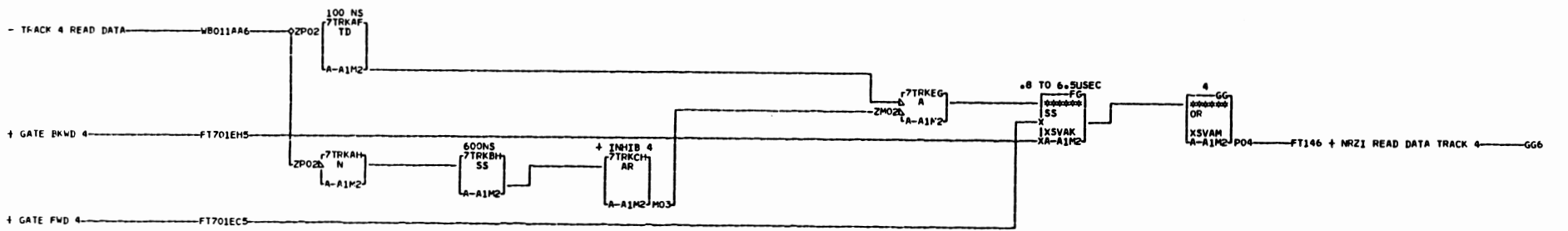
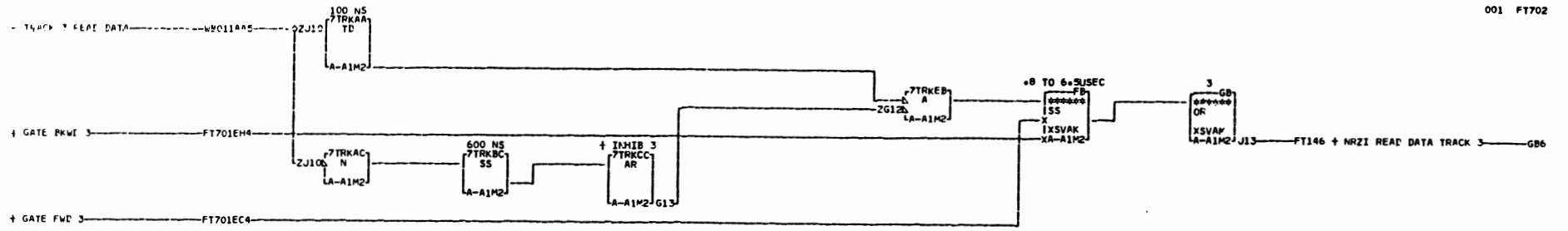


FT701  
000

LOC. TYPE  
A-A1M2 1523

PULSE WIDTH DISCRIMINATION AND READ DESKEW 00102 75	
-E.C.-HISTORY- R1 MACH. 3420-3	
733501K	FRAME 01
733510	
733944	IBM CORP.
DATE 06-21-71	LAST EC 733966
	P.N. 2524963

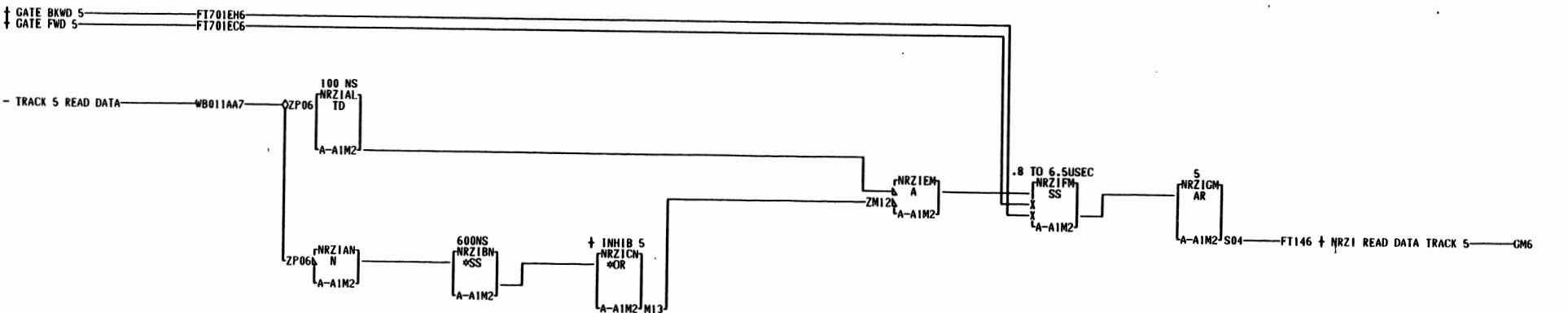
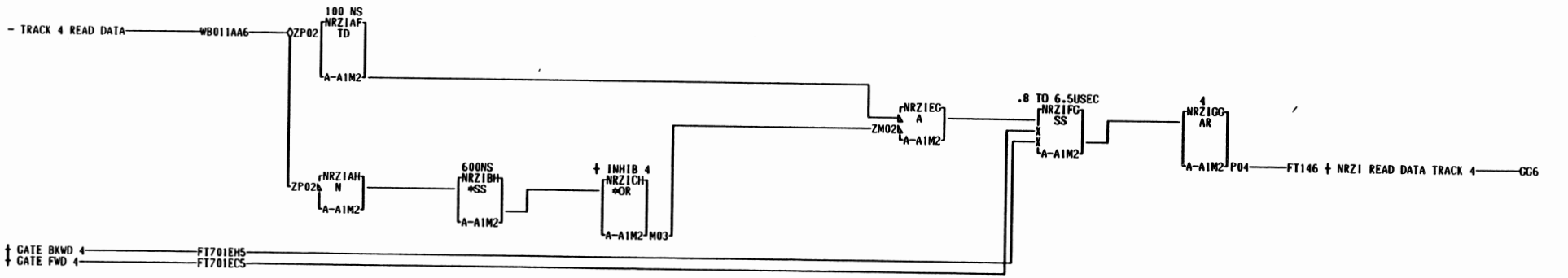
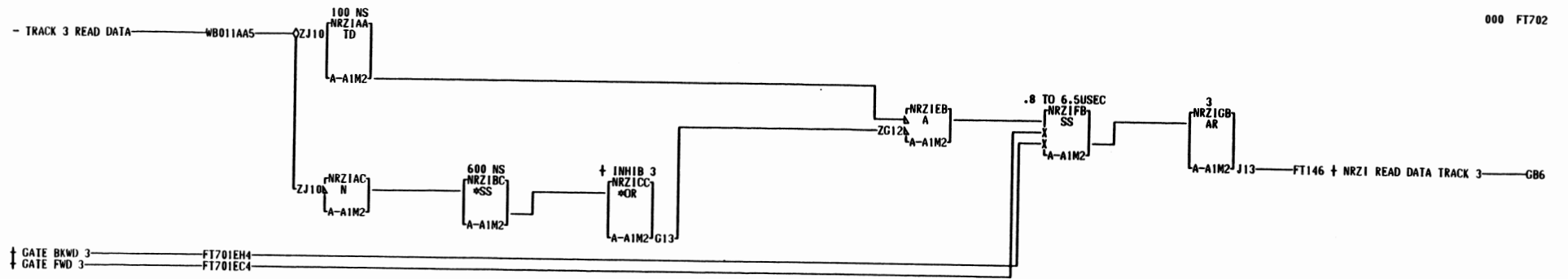
FT701  
000



F  
T  
7  
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7 TRACK  
001 SIM TO PN 2524964 EC 733966

LOC. TYPE  
A-A1M2 1524

PULSE WIDTH DISCRIMINATION AND READ DESKEW 30405 7 TRK		F
E-C-HISTORY-MACH. 3420-3		T
733510	FRAME	7
733944	01	0
733966	02	2
DATE	LAST EC	IBM CORP.
02-21-80	846320	P.N. 1765369
		001

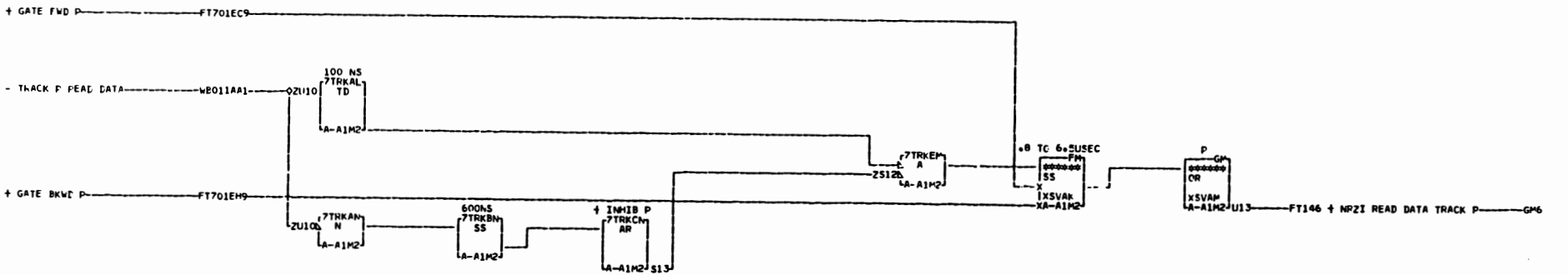
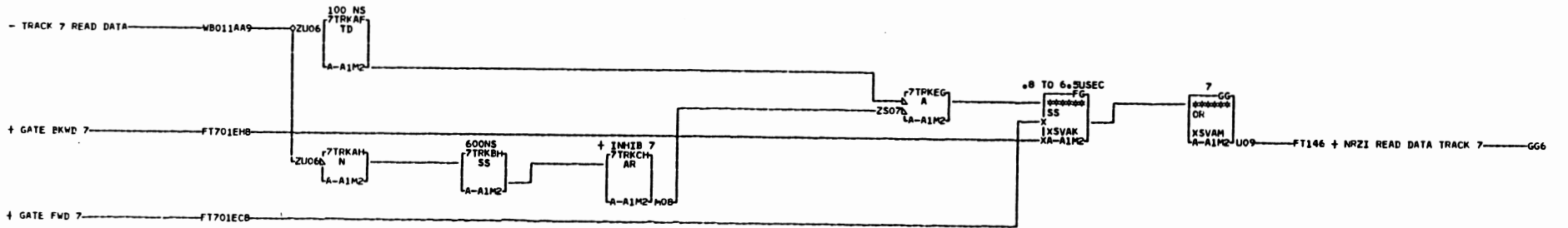
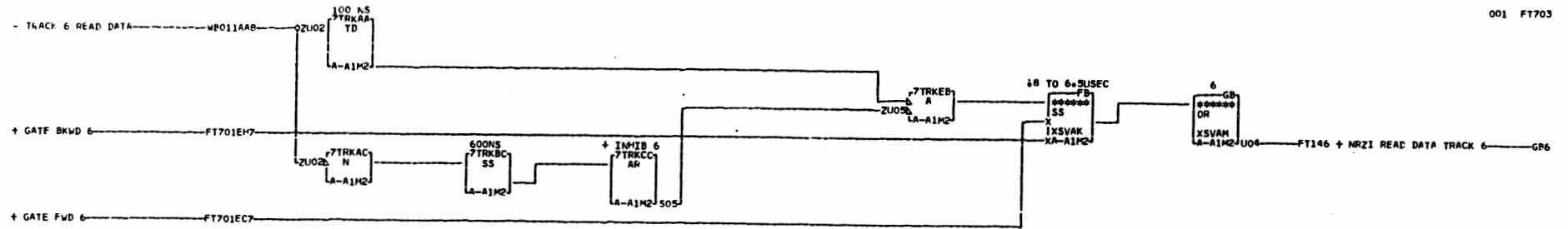


F  
T  
7  
0  
2  
000

LOC. TYPE  
A-A1M2 1523

PULSE WIDTH DISCRIMINATION AND READ DESKEW 30405 75	
-E.C.-HISTORY-733501K	MACH.3420-3
733510	FRAME 01
733944	02
DATE LAST EC	IBM CORP.
06-21-71 733966	P.N. 2524964

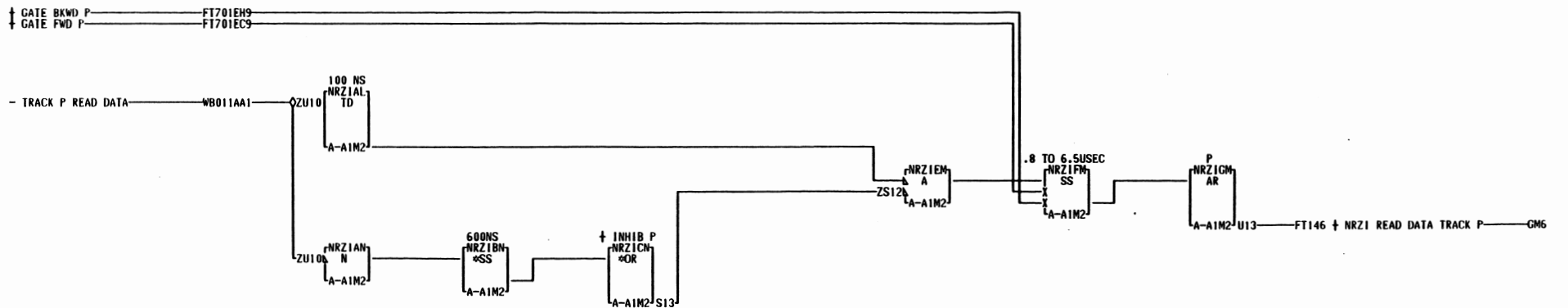
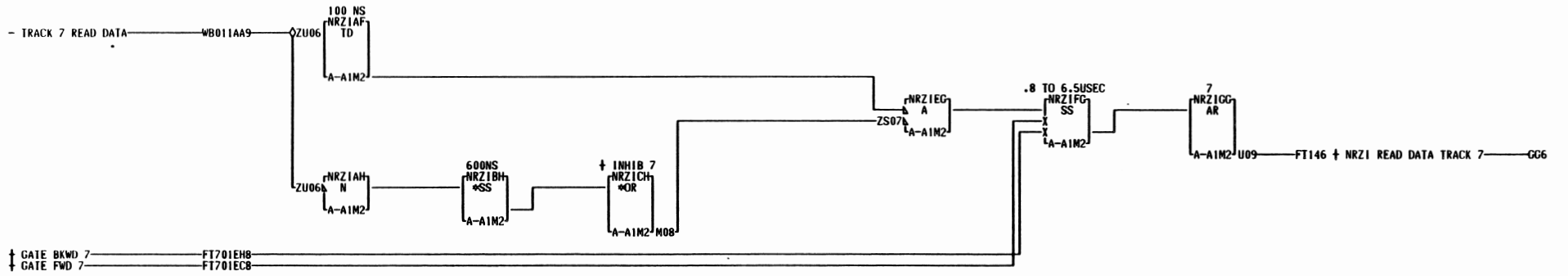
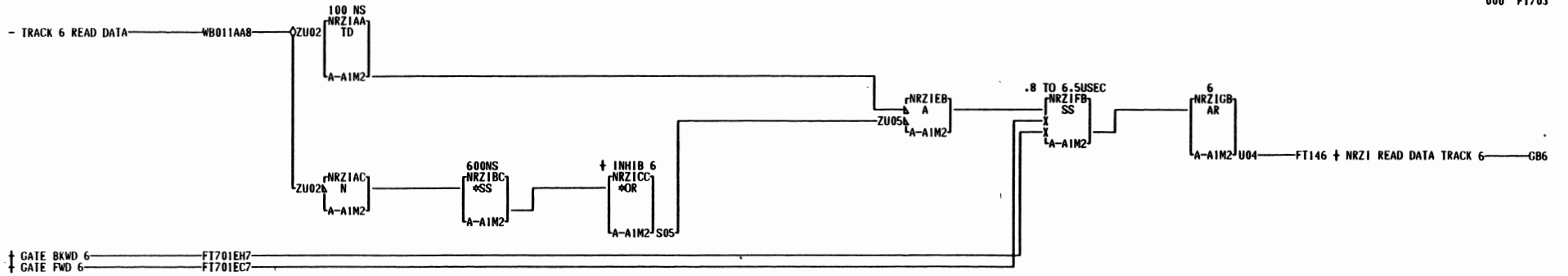
F  
T  
7  
0  
2  
000



F  
T  
7  
0  
3  
7 TRACK  
001 SIM TO PN 2524965 EC 733966

LOC. TYPE  
A-A1M2 1524

PULSE WIDTH DISCRIMINATION AND READ DESKIN 6070P 7 TRK		F
E-C-HISTORY	E-MACH. 3420-3	T
733510	FRAME 01	7
733944	IBM CORP.	0
733966		3
DATE LAST EC	P-N. 1765370	001
02-21-80 846320		



LOC. TYPE  
A-A1M2 1523

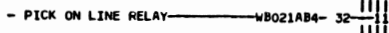
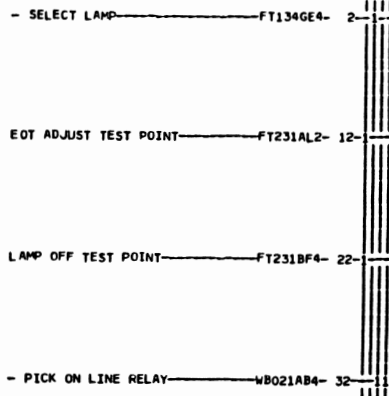
PULSE WIDTH DISCRIMINATION AND READ DESKEW 6070P 75		—E.C.—HISTORY—R MACH. 3420-3	
733501K		FRAME	01
733510		IBN CORP.	03
733944			
DATE	LAST EC	P.N.	2524965
06-21-71	733966		

F  
7  
0  
3

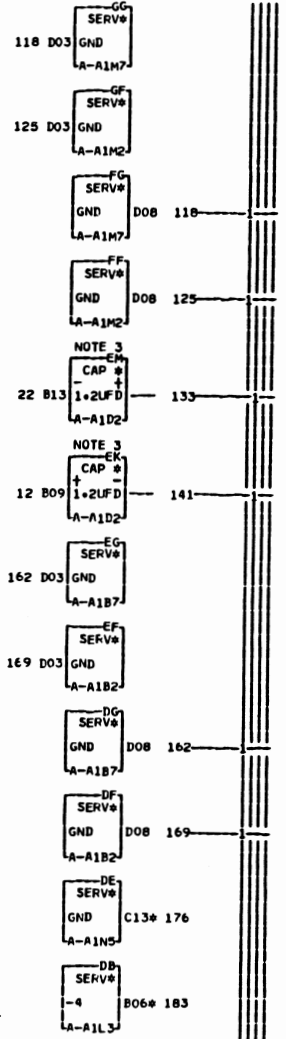
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F  
7  
0  
3

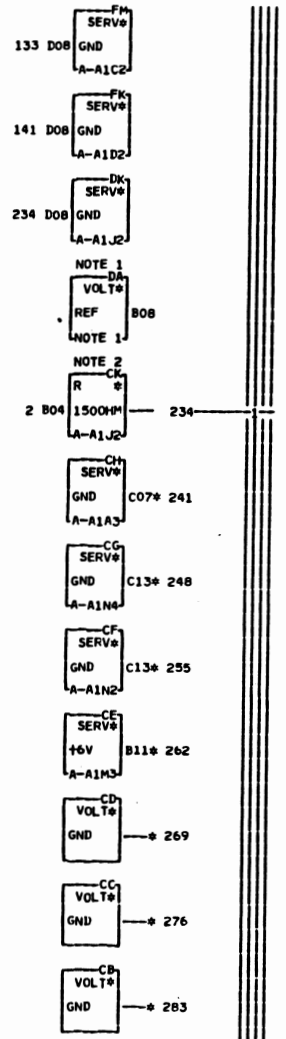
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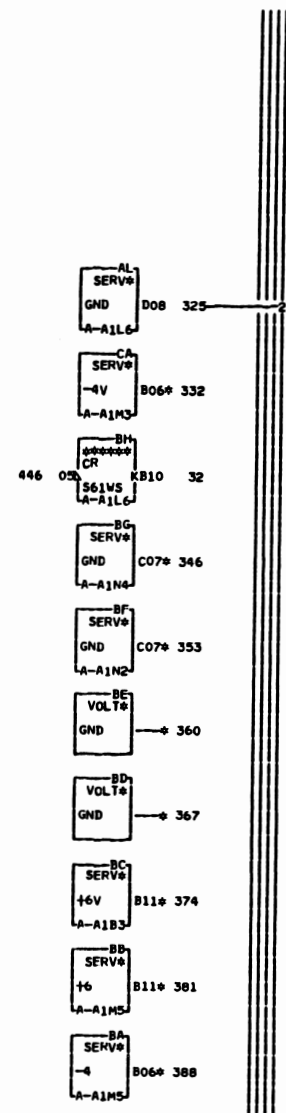
NOTE 1 V-REF PRESENT  
 ON A-1B20 A-1C20 A-1D2  
 A-1E20 A-1F20 A-1G2  
 A-1H20 A-1J20 A-1K2  
 A-1L20 A-1M20 A-1N2  
 A-1P20  
 NOTE 2 P/N 1847096  
 FT910 NOTE 3 P/N 1846742  
 000



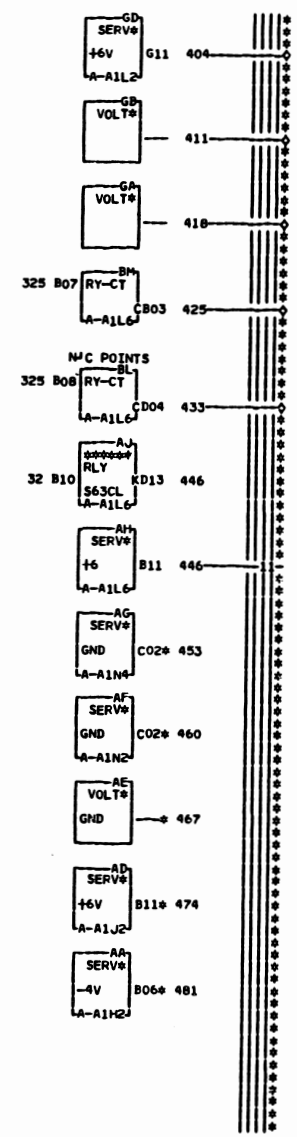
EDGE CONN. 01A-A1N2B11 01A-A1N3D04 01A-A1N2D08 460 A-1N2D02  
 176 A-1N5D13 262 A-1N3B13 332 A-1N3D03 01A-A1N2D10 01A-A1N2B03  
 183 A-1N3D05 01A-A1N3D12 01A-A1N3D02 367 A-1A5D08 01A-A1N2D04  
 01A-A1N3D07 269 A-1N5D08 346 A-1N4B07 01A-A1A5D13 467 A-1H1B09  
 241 A-1A3D05 01A-A1N5D07 01A-A1N2D06 374 A-1A3B07 01A-A1H1D09  
 248 A-1N4B13 276 A-1N4B09 01A-A1N4B05 381 A-1N5D03 01A-A1J1A09  
 01A-A1N4D12 01A-A1N4D08 353 A-1N2B07 388 A-1N5B06 474 A-1J1B09  
 01A-A1N4B11 01A-A1N4D10 01A-A1N2D06 493 A-1N4D02 481 A-1J1E09  
 255 A-1N2B13 283 A-1N3D08 01A-A1N2B05 01A-A1N4B03 01A-A1J1C09  
 01A-A1N2D12 01A-A1N3D06 360 A-1N2B09 01A-A1N4D04



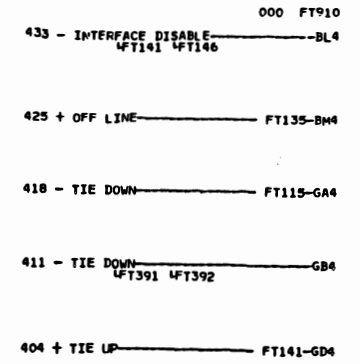
NOTE 1  
 REF VOLTS B08  
 NOTE 1  
 NOTE 2  
 R 1500H\* 234  
 A-1J2



LOC. TYPE  
 A-1L6 E761

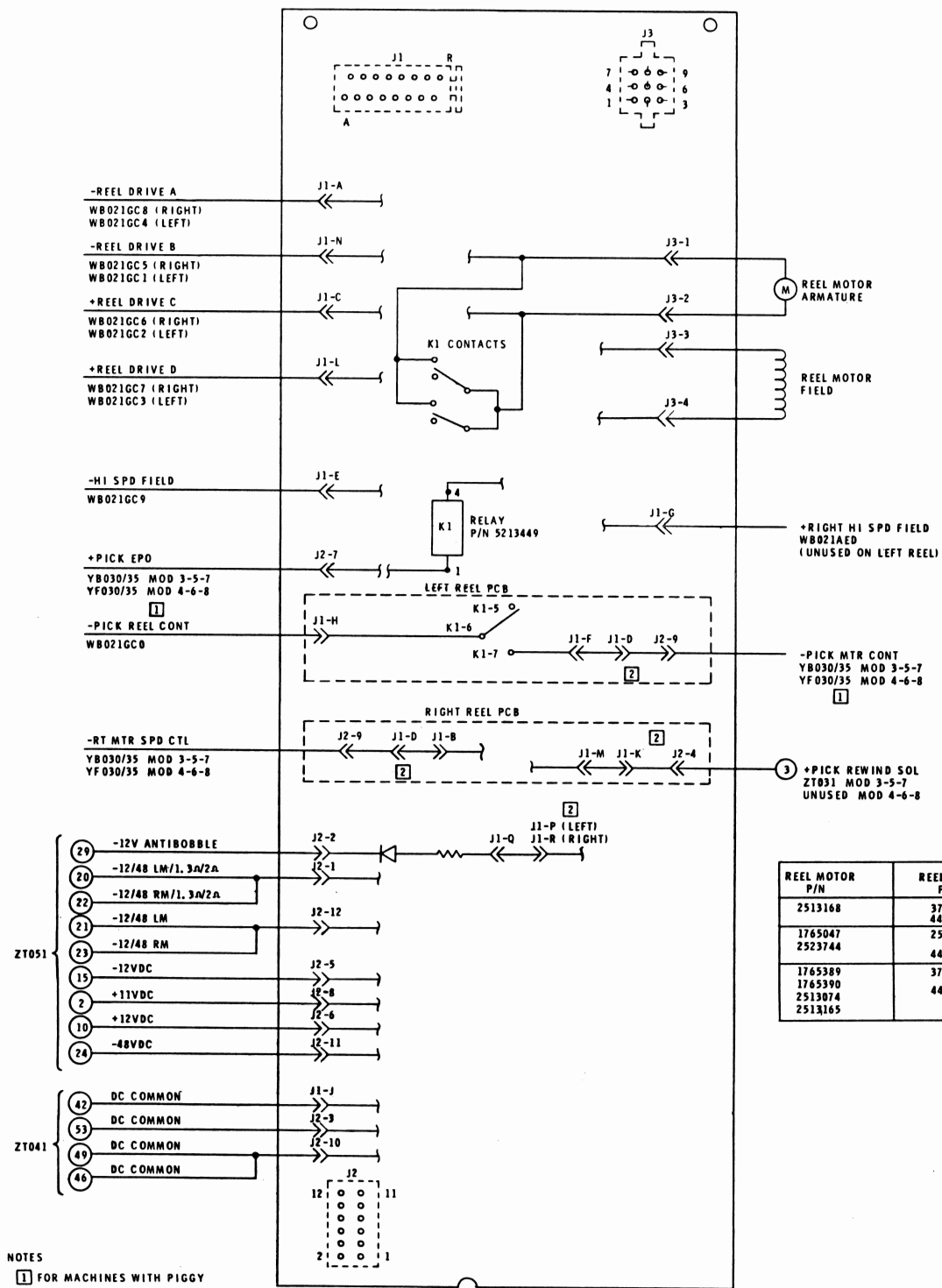


SERVICE WIRING			
E-C-HISTORY	E-MACH#	3420-3	
733501K	733999		
733510	734954	FRAME	01
733948	736828		
733966		IBM CORP.SDD	FT910
DATE	LAST EC		
12-20-78	845993	P.N.#	2524967



000 FT910

REEL MOTOR BOARD  
3420 ALL MODELS



- ZT051
- 29 -12V ANTIBOBLE
  - 20 -12/48 LM/1.3A/2A
  - 22 -12/48 RM/1.3A/2A
  - 21 -12/48 LM
  - 23 -12/48 RM
  - 15 -12VDC
  - 2 +11VDC
  - 2 +12VDC
  - 10 -48VDC
  - 24
- ZT041
- 42 DC COMMON
  - 53 DC COMMON
  - 49 DC COMMON
  - 46 DC COMMON

- NOTES
- 1 FOR MACHINES WITH PIGGY BACK SUPPLIES  
SEE YB040/45 MOD 3-5-7  
YF040/45 MOD 4-6-8
  - 2 JUMPERS ARE ASSEMBLED ON PADDLE CARDS
  - 3 JUMPER WIRE ON THE REEL BOARD, PART NUMBER 4450016, MUST BE PLUGGED TO THE CORRECT POSITION FOR THE TYPE OF REEL MOTOR USED. SEE LABEL ON BOARD FOR INSTRUCTIONS.

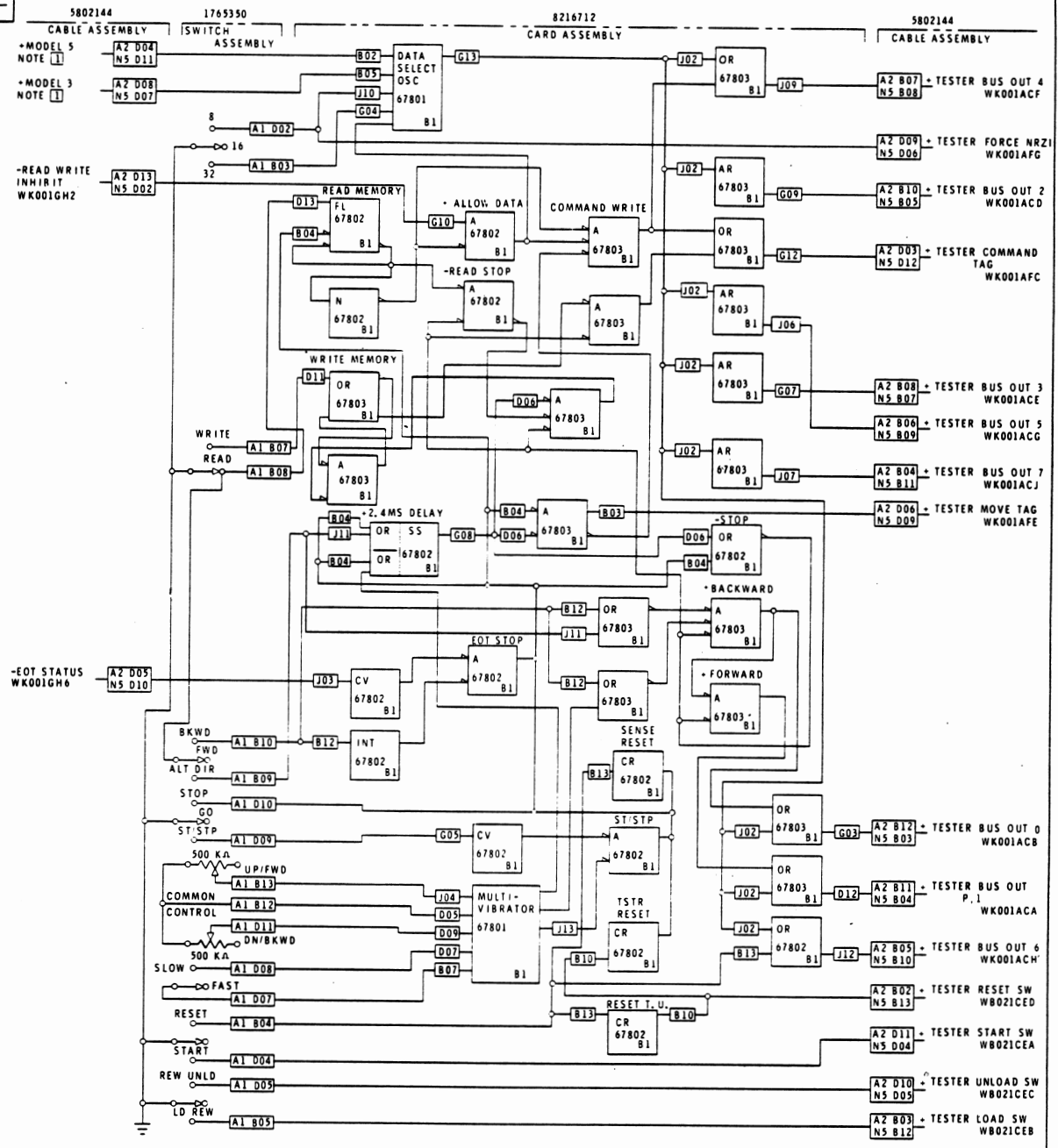
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REEL MOTOR P/N	REEL BOARD P/N
2513168	373561 4450016 3
1765047 2523744	2524137 4450016 3
1765389 1765390 2513074 2513165	373065 4450015

IBM				DATE	CHANGE NO	DATE	CHANGE NO
NAME	SYSTEM DIAGRAM REEL MOTOR BOARD			22MAY80	846320		
DESIGN	CS	7NOV79	SHT 1 OF 1	12JUN81	846320C		
DETAIL	GDI						
CHECK	AR	19JAN80	CLASSIFICATION	MUST CONFORM TO ENG SPEC		DEVELOPMENT NO	LOGIC PG NO
APPRO							

1765354

TTOOI



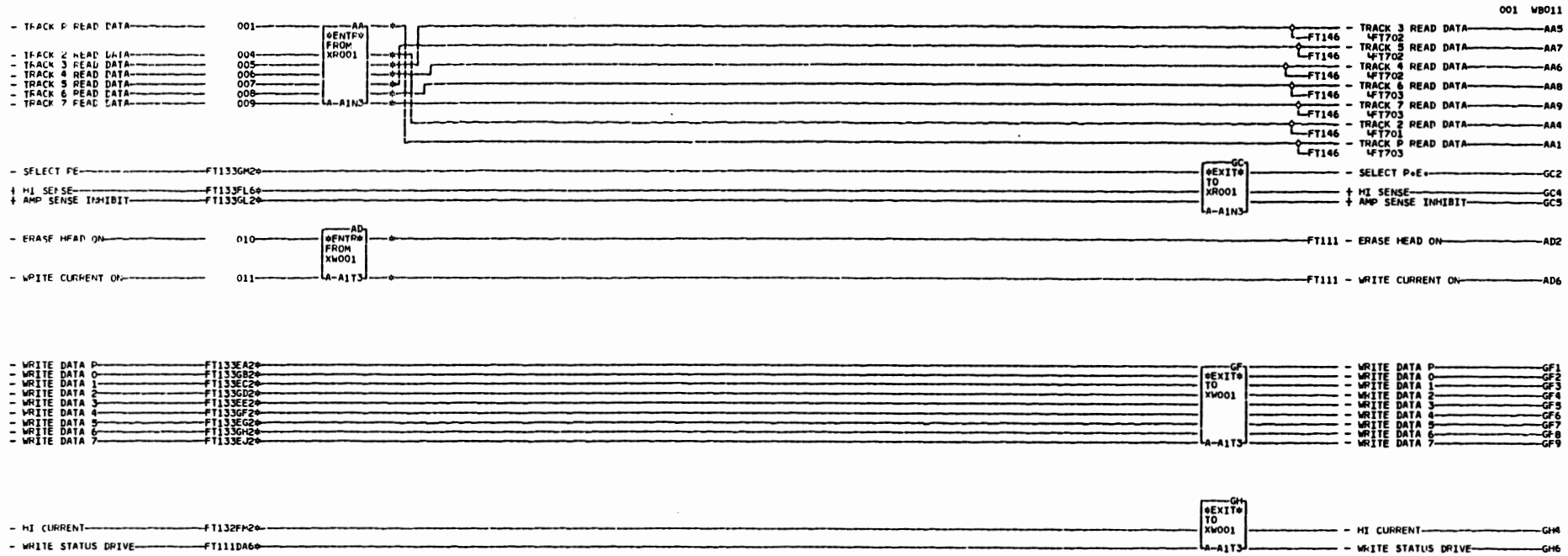
NOTES  
 1 CONNECTOR LOCATIONS A1 AND A2 ARE ON WIRING GATE IN THE TESTER. CONNECTOR IN LOCATION N5 IS ON THE TAPE DRIVE LOGIC GATE. TESTER CABLE PLUGS INTO WIRING SIDE OF DRIVE LOGIC GATE POSITION N5.

VOLTAGE WIRING			
GND	+6V	-4V	V-REF
B1 J08	N5 D03	N5 B06	B1 B08
B1 D08	A2 D12	A2 B09	
A1 B02	B1 B11	B1 B06	
A2 D02		B1 G06	
A2 D07			
N5 D08, N5 D13			
N5 D11	MODEL 5 ONLY ( FT910 CD4 )		
A2 D04			
N5 D07	MODEL 3 ONLY ( FT910 CD4 )		
A2 D08			

NAME	DATE	CHANGE NO	DATE	CHANGE NO	NOTE	DEVELOPMENT NO
SCHEMATIC 2420 FIELD	15MAR71	733513				1765354
TESTER	14MAY71	733513A				
DESIGN TGT MFEB71	MODEL	25AUG71	733966			
DETAIL DLS 15MAR71		11OCT71	733979			
CHECK						
APPRO						

910-0134-000

TTOOI

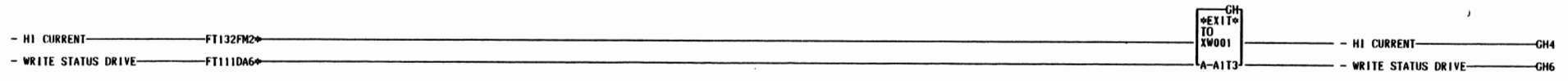
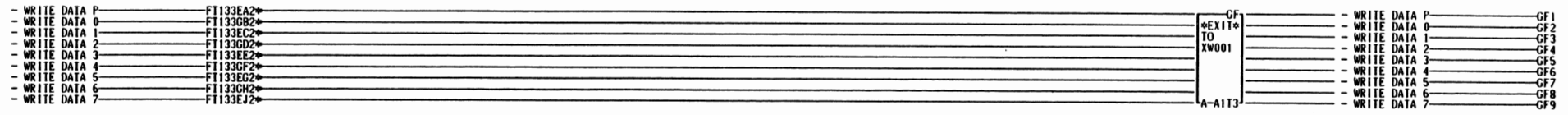
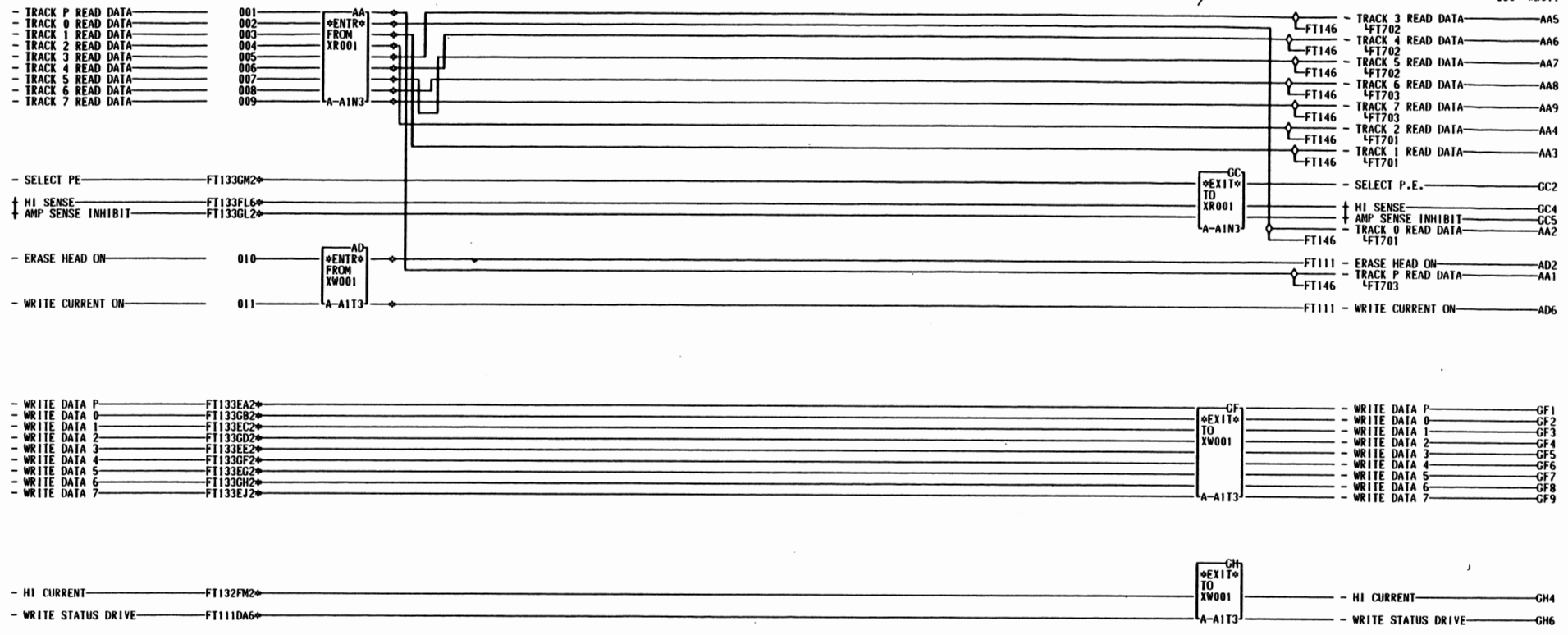


W  
B  
O  
1  
1  
7 TRACK  
001 SIM TO PN 257496-B EC 733966

FT111DA6 01A-A1J1A11 FT133GD2 01A-A1N3D13 AD6 A-A1K1A09  
 01A-A1J1D09 FT133EG2 01A-A1M1E11 AA1 A-A1N3B04  
 FT132FM2 01A-A1J1C11 FT133GF2 AA4 A-A1N3B07  
 01A-A1M1A11 FT133EJ2 01A-A1J1B11 AA5 A-A1N3B08  
 FT133EA2 01A-A1J1E11 FT133GH2 AA6 A-A1N3B09  
 01A-A1M1B11 FT133FL6 01A-A1J1D11 AA7 A-A1N3B10  
 FT133EC2 01A-A1N3B03 FT133GL2 AA8 A-A1N3B11  
 01A-A1M1D11 FT133GB2 01A-A1N3D09 AA9 A-A1N3B12  
 FT133FE2 01A-A1M1C11 FT133GM2 AD2 A-A1K1A11

LOC. TYPE

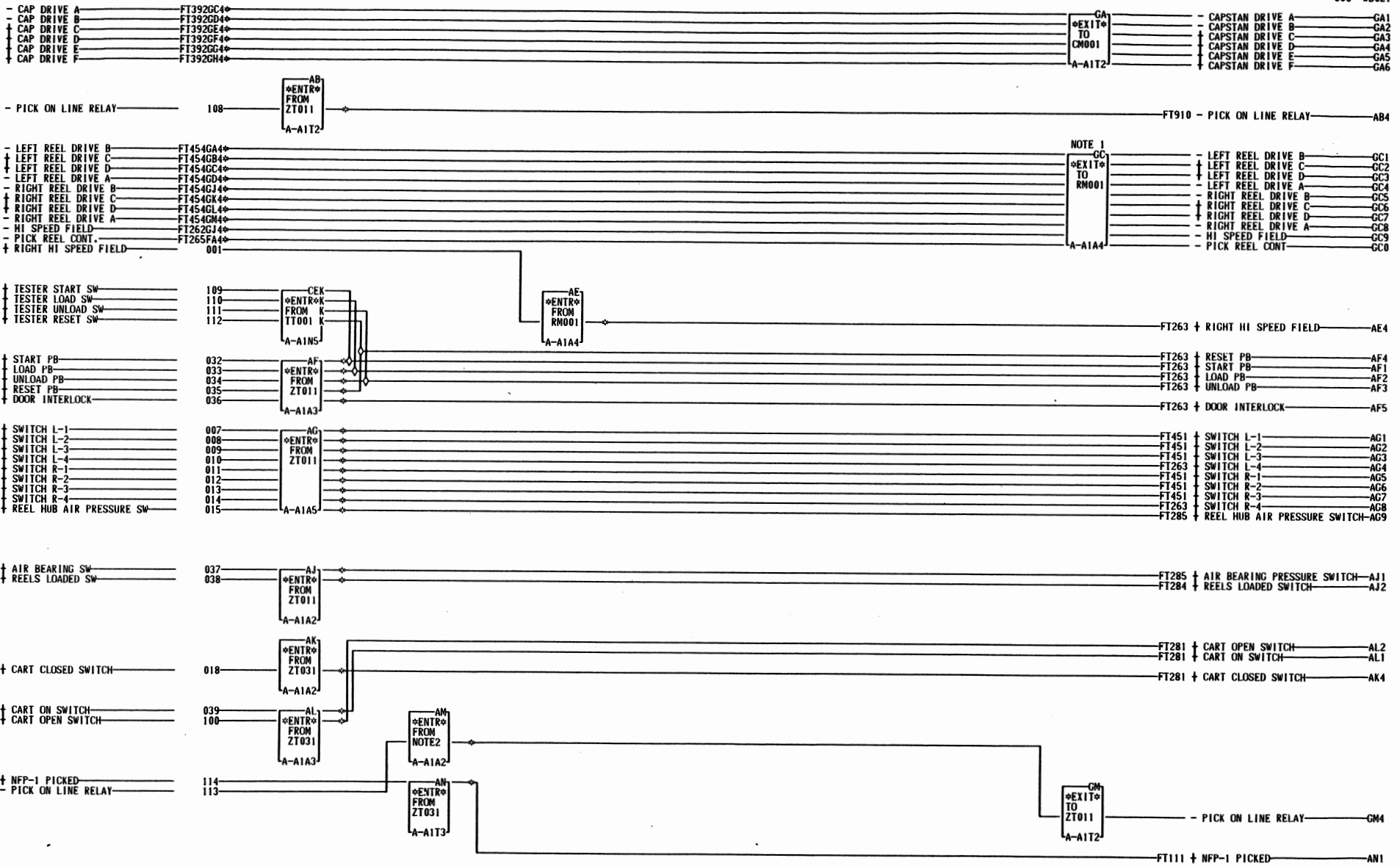
READ WRITE		7 TRACK	
-E-C-	HISTORY	-E-	MACH.3420-3
733510		FRAME	01
733944		IBN CORP. SDD	
733966			
DATE	LAST EC	P.No.	1765371
02-21-80	846320		



W	FT111DA6	01A-A1J1A11	FT133GD2	01A-A1N3D13	AA9	A-A1N3B12
B	01A-A1J1D09	FT133EG2	01A-A1H1E11	AA1	A-A1N3B04	AD2
0	FT132FM2	01A-A1J1C11	FT133GF2	AA2	A-A1N3B05	AD6
1	01A-A1H1A11	FT133EJ2	01A-A1J1B11	AA3	A-A1N3B06	
1	FT133EA2	01A-A1J1E11	FT133GH2	AA4	A-A1N3B07	
	01A-A1H1B11	FT133FL6	01A-A1J1D11	AA5	A-A1N3B08	
	FT133EC2	01A-A1N3B03	FT133GL2	AA6	A-A1N3B09	
000	01A-A1H1D11	FT133GB2	01A-A1N3D09	AA7	A-A1N3B10	
	FT133EE2	01A-A1H1C11	FT133CM2	AA8	A-A1N3B11	

LOC. TYPE

READ WRITE		W
E.C. HISTORY	FRAME	B
733501K		0
733510		1
733944		1
DATE	LAST EC	000
06-21-71	733966	
P.N. 2524968		



NOTE 1  
 GC9 TO LEFT  
 W REEL BRD VIA A4B10  
 B TO RIGHT REEL BRD  
 0 VIA A4B04  
 2 NOTE 2  
 1 FROM YB030 FOR 60HZ 0030 YB035  
 1 FOR 50HZ 0030 YB040 FOR 60HZ  
 000B030 OR YB045 FOR 50HZ B03

FT262G4	01A-A1E1C11	01A-A1A4B09	01A-A1A4B07	01A-A1NSD05	AG7 A-A1ASD09	ANI A-A1G1E09
01A-A1A4B04	FT392GF4	FT454GC4	FT454GN4	AF4 A-A1A3D10	AG8 A-A1ASB09	
01A-A1A4B10	01A-A1E1E11	01A-A1A4B13	01A-A1A4B02	01A-A1NSB13	AG9 A-A1ASB13	
FT265FA4	FT392CG4	FT454GD4	AB4 A-A1G1A09	AF5 A-A1A3B08	AJ1 A-A1A2D09	
01A-A1A4B12	01A-A1F1A11	01A-A1A4B08	AE4 A-A1A4D05	AG1 A-A1ASB02	AJ2 A-A1A2D12	
FT392CC4	FT392GH4	FT454GJ4	AF1 A-A1A3D09	AG2 A-A1ASD02	AK4 A-A1A2B09	
01A-A1E1A11	01A-A1F1B11	01A-A1A4D07	01A-A1NSD04	AG3 A-A1ASB03	AL1 A-A1A3B03	
FT392GD4	FT454GA4	FT454GL4	AF2 A-A1A3B09	AG4 A-A1ASD04	AL2 A-A1A3B04	
01A-A1E1B11	01A-A1A4D13	01A-A1A4B03	01A-A1NSB12	AG5 A-A1ASD07	AM4 A-A1A2D07	
FT392GE4	FT454GB4	FT454GL4	AF3 A-A1A3B10	AG6 A-A1ASB08	01A-A1G1A11	

LOC. TYPE

CAPSTAN REEL DRIVE LINES SWITCHES		W
-E.C.-HISTORY- MACH.3420-3		B
733501K	FRAME	01
733510		2
733944		1
733966		
DATE	LAST EC	
09-12-72	734446	
	P.N.	2524969



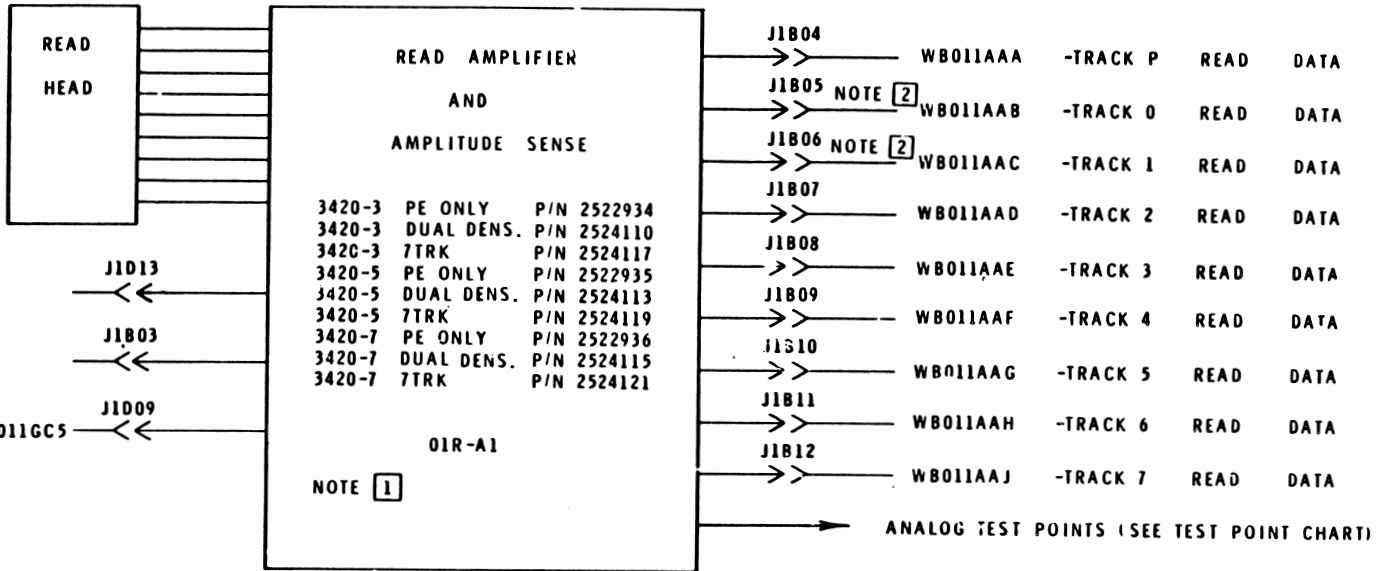


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1765632

READ AMPLIFIER AND AMPLITUDE SENSE

638-0021-000

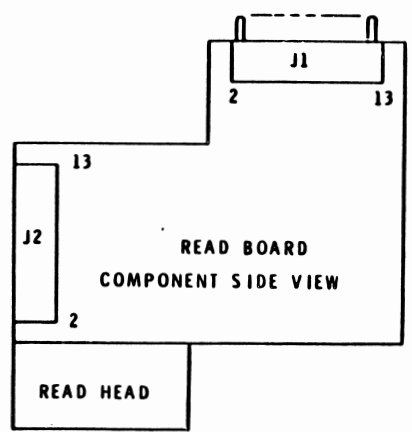
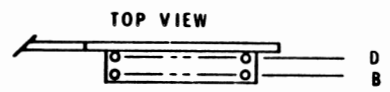
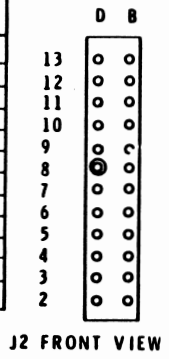


- SELECT PE WB011GC2
- + HI SENSE WB011GC4
- + AMP SENSE INHIBIT WB011GC5

NAME	READ AMPLIFIER AND AMPLITUDE SENSE CARD REF	DATE	23JUN71	CHANGE NO	733944A
DESIGN	RME 3JUN71	DATE	25AUG71	CHANGE NO	723966
DETAIL	STANDARDS CODE	DATE	18NOV71	CHANGE NO	734042
CHECK					
APPRO					
NOTE X PRINT TO ENG. SPEC. NO.					
DEVELOPMENT NO.					
XR001					
1765632					

TRK	PHYS POS *		A	B	NOTES
	9-TRK	7-TRK			
P	4	7	J2D10	J2B10	
0	7		J2D04	J2B04	2
1	6		J2D05	J2B05	2
2	5	6	J2D06	J2B06	
3	3	5	J2D11	J2B11	
4	9	4	J2D02	J2B02	
5	1	3	J2D13	J2B13	
6	8	2	J2D03	J2B03	
7	2	1	J2D12	J2B12	

\* FRONT TO BACK ON HEAD  
J2D08 IS DC COMMON



- NOTES
- [1] GROUND SERVICE J1D04, J1D06, AND J1D08  
-4 VOLT SERVICE J1D02, J1D03, J1D05, AND J1D07  
+6 VOLT SERVICE J1B13, AND J1D12
  - [2] NOT USED ON 7-TRACK MACHINES

XR001

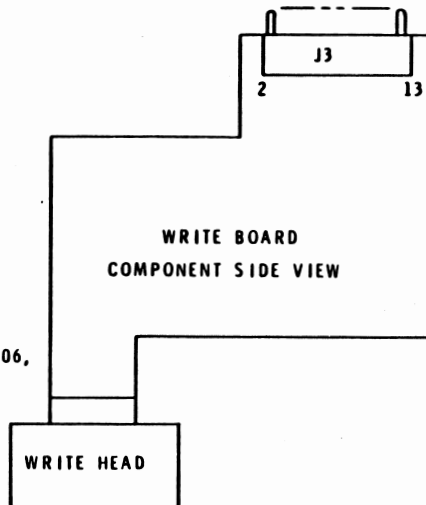
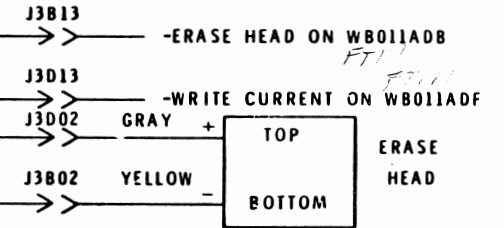
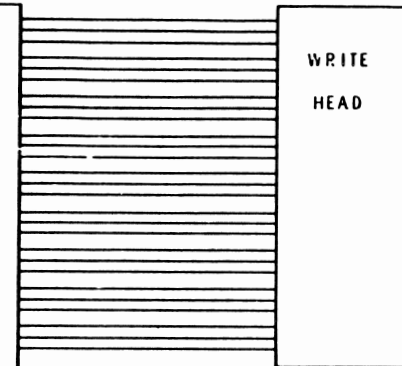
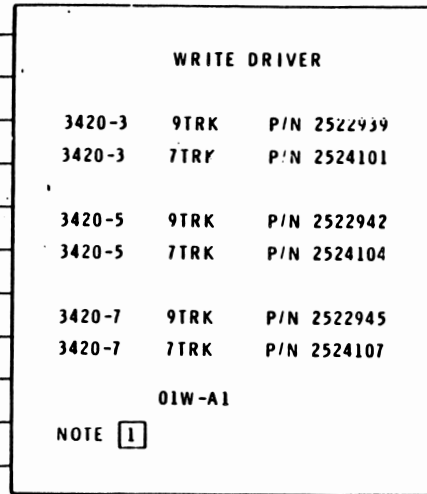
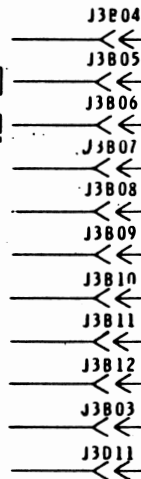
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1765633

WRITE DRIVER

626-0021-000

- WRITE DATA P WB011GF1
- WRITE DATA 0 WB011GF2 NOTE 2
- WRITE DATA 1 WB011GF3 NOTE 2
- WRITE DATA 2 WB011GF4
- WRITE DATA 3 WB011GF5
- WRITE DATA 4 WB011GF6
- WRITE DATA 5 WB011GF7
- WRITE DATA 6 WB011GF8
- WRITE DATA 7 WB011GF9
- HI CURRENT WB011GH4
- WRITE STATUS DRIVE WB011GH6



NOTES

- 1 GROUND SERVICE J3D04, J3D06, AND J3D08  
-4 VOLT SERVICE J3D10, AND J3D12  
+6 VOLT SERVICE J3D09  
+6 VOLT NFP-1 PICKED J3D02, AND J3D03
- 2 NOT USED ON 7-TRACK MACHINES

IBM		DATE	CHANGE NO.	DATE	CHANGE NO.	NOTE	DEVELOPMENT NO.
NAME	WRITE DRIVER AND ERASE	23JUN71	733944A			X PRINT TO ENG SPEC. NO.	
HEAD DRIVER CARD REF							
DESIGN	STANDARDS CODE	25AUG71	733965				
DETAIL	RMF4JUN71	18NOV71	734042				
CHECK							
APPRO							XW001
1765633							

XW001