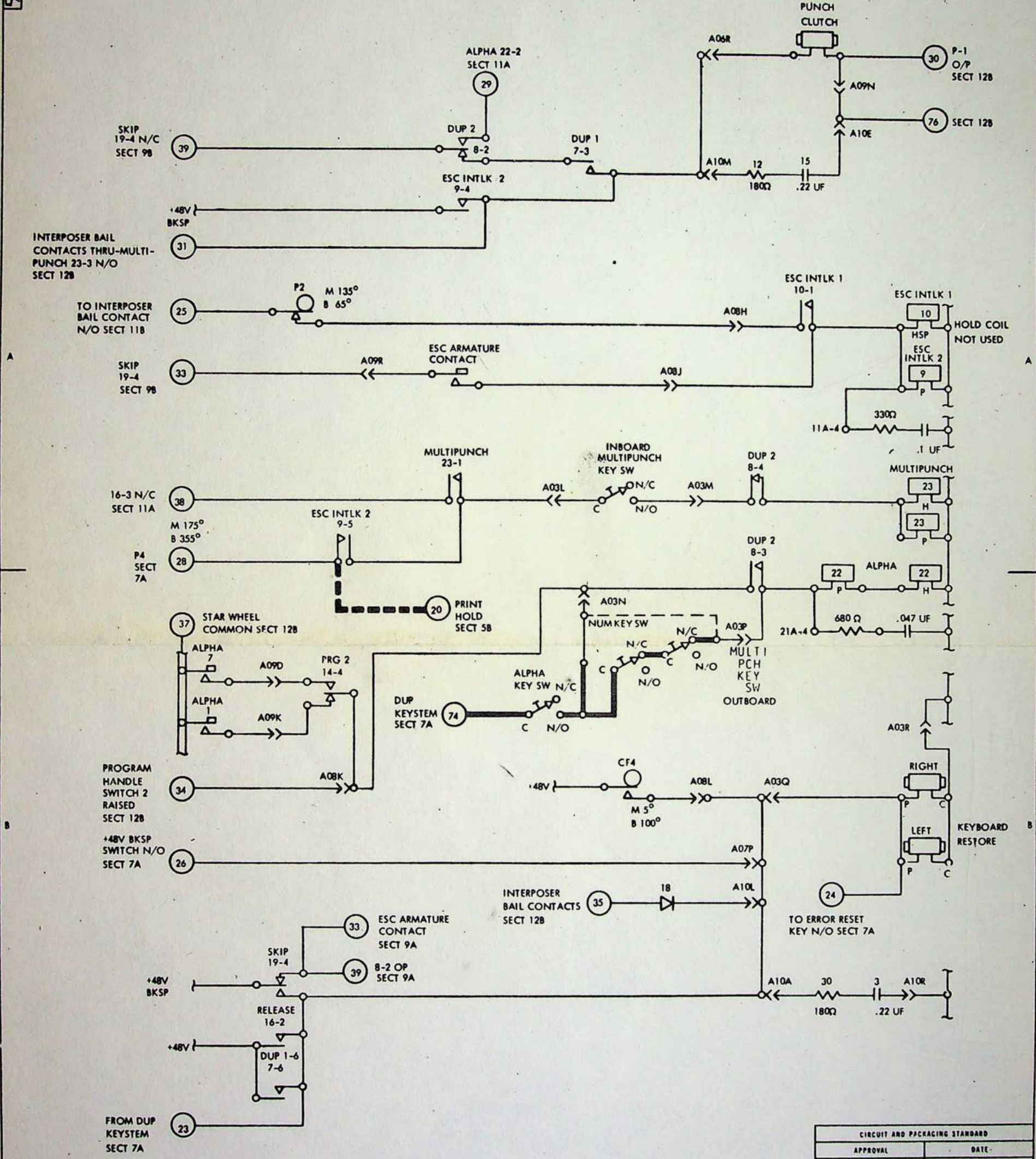


5405916

STANDARD CODE

MOD "A" & "C"
PUNCH CLUTCH-MULTI PCH-ALPHA-KEYBOARD RESTORE

CARD CODE



NOTES
 I PRINT TO ENG SPEC NO 895291
 II POINT TO POINT WIRING FOR +48V AND "0" VOLT NETS SHOWN ON REF PAGE

INTERNATIONAL BUSINESS MACHINES CORP.				CIRCUIT AND PACKAGING STANDARD			
NAME	DATE	CHARGE NO.	APPROVAL	DATE	CHARGE NO.	APPROVAL	DEVELOPMENT NO.
SYSTEMS DIAGRAM	11OCT68	206435					
PCH CLUTCH-MP-ALPHA-KYBD RES							
DESIGN AG 95EP66							
DETAK							
CHECK RAS 95EP66							
APPRO FJH 95EP66							

5405916

5405977

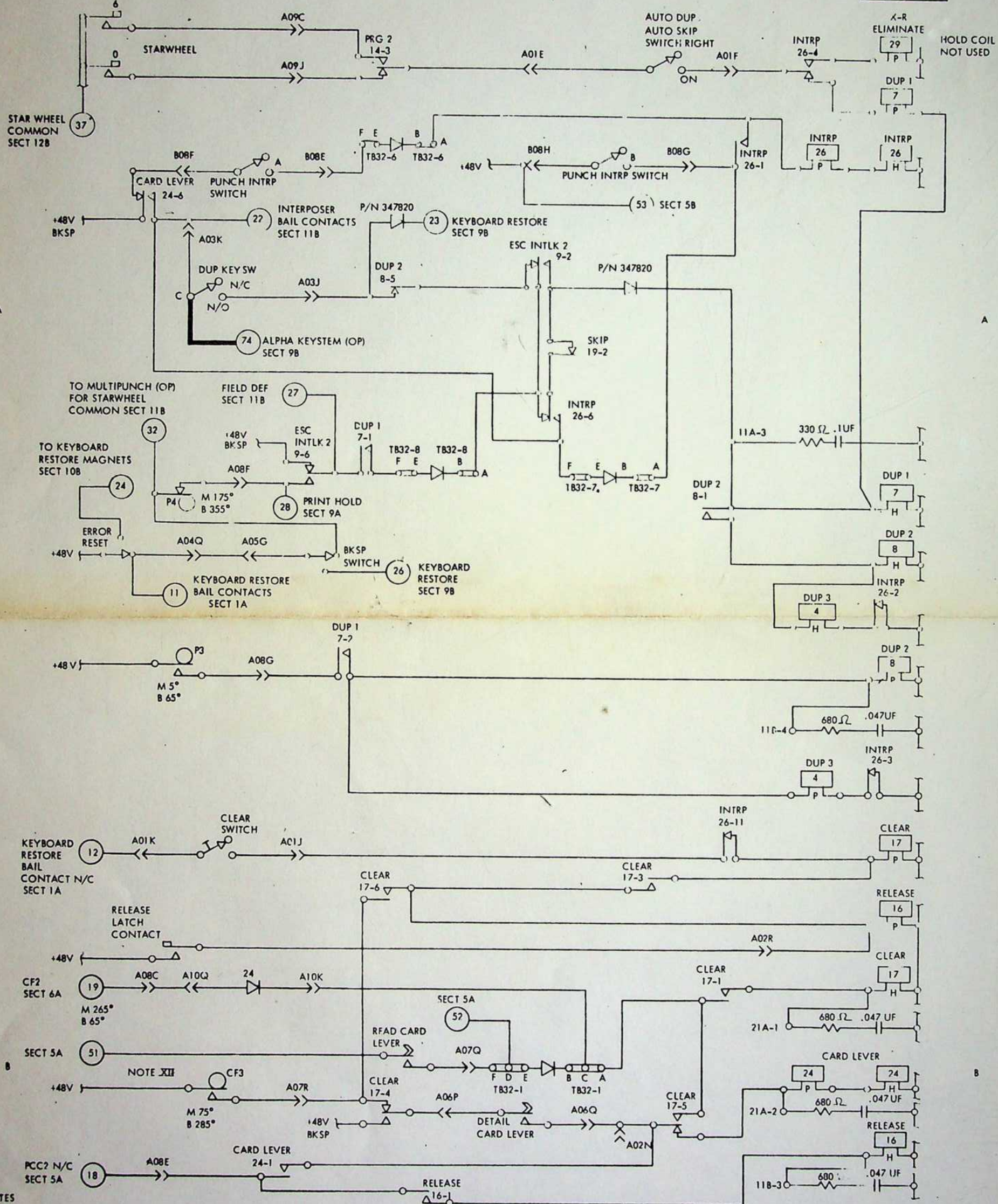
STANDARDS CODE

7

MOD "C" DUP-CLEAR-RELEASE-CARD LEVER

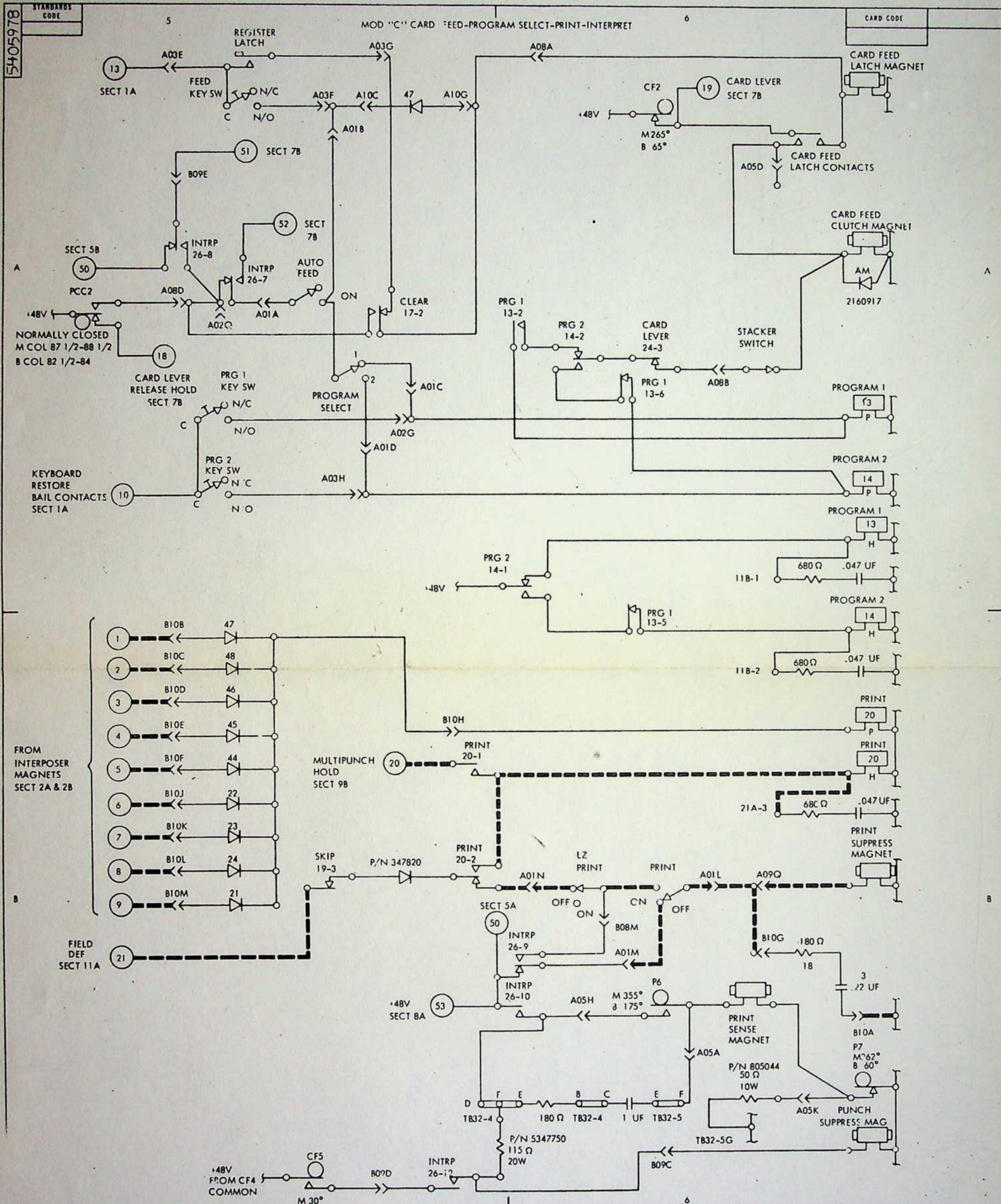
8

CARD CODE



- NOTES
- X PRINT TO ENG SPEC NO 895291
 - XI POINT TO POINT WIRING FOR +48V AND "0" VOLT NETS SHOWN ON REF PAGE
 - XII CF 3 TIMING FOR VLCD AND/OR HSS M90° ± 2° B300° ± 5°

INTERNATIONAL BUSINESS MACHINES CORP.				DATE	CHANGE NO.	APPROVAL	DATE	CHANGE NO.	APPROVAL	DEVELOPMENT NO.
NAME				11OCT68	206435					5405977
SYSTEMS DIAGRAM										
DUP-CLEAR-REL-CD LEVER										
DESIGN	AG	9SEP66	MODEL							
DETAIL			SCALE							
CHECK	RAS	9SEP66	DRAW	ID1	1AUG68					
APPRO	FJH	9SEP66	CHECK							



NOTES
 X PRINT TO ENG SPEC NO 895291
 XI POINT TO POINT WIRING FOR +48 AND "0" VOLT NETS SHOWN ON REF PAGE

INTERNATIONAL BUSINESS MACHINES CORP.				DATE	CHANGE NO.	APPROVAL	DATE	CHANGE NO.	APPROVAL	DEVELOPMENT NO.
NAME: SYSTEMS DIAGRAM				11 OCT 68	206435					
CD FEED-PRG SEL-PRINT-INTERPRET										
DESIGN	AG	9SEP66	MODEL							
DETAIL			SCALE							
CHECK	RA5	9SEP66	DRAW	IDI	1 AUG 68					
APPRO	FJP	9SEP66	CHECK							

C

5405978

5406602

MOD "C"
29 WIRING DIAGRAM INDEX

NAME	SECTION	PART NUMBER
POWER SUPPLY 60 CYCLE		5373568
POWER SUPPLY 50 CYCLE		5373567
NUM KYBD-INTERPOSER MAG-PIN SENSE	1 & 2	5405977
64 CHARACTER KEYBOARD	3 & 4	5405944
CARD FEED-PROG SELECT-PRINT	5 & 6	5405978
DUP-CLEAR-RELEASE-CARD LEVER	7 & 8	5405977
PCH CLUTCH-MP-ALPHA-KYBD RESTORE	9 & 10	5405918
SKIP-ESCAPE MAG	11 & 12	5405975
COMPONENT LOCATION	13 & 14	5405976
KEYBOARD AND CAM REFERENCE		5373561
PRINT -SMS CARD		375105
ARC SUPP -SMS CARD		375233
COMBINATION KYBD CODE CHART		5367164
NUMERIC KYBD CODE CHART		5367184

FOR ENGINEERING USE

NOTES

- XI PART NUMBERS 5406601 THRU 5406650 ARE RESERVED FOR MODEL "C" INDEX PAGES (ENG NOTE)
- XII LAST BALLOON USED (76) NOT USED; 40-49; 55-73 & 75 (ENG NOTE)

PREVIOUS ASSIGNED PAGE(S) PART NUMBER(S)

INDEX PAGE(S) P N 5406601
 LOGIC PAGE(S) P N 5405914, 5405973, 5405974
 REPLACED BY PART NUMBER(S) 5405918, 5405977, 5405978

INTERNATIONAL BUSINESS MACHINES CORP.				DATE	CHANGE NO.	DATE	CHANGE NO.	NOTE	DEVELOPMENT NO.
NAME SYSTEMS DIAGRAM				11OCT68	206435			X PRINT TO ENG. SPEC. NO. 895291	5406602
W D INDEX									
DESIGN	AG	7/1/66	MODEL						
DETAIL									
CHECK	RAS	7/1/66	DRAW	idi	12JUL68				
APPRO	FJH	7/29/66	CHECK						

C. R. CO. - NO. 44411

5406601

MOD "C"
29 WIRING DIAGRAM INDEX

NAME	SECTION	PART NO
POWER SUPPLY 60 CYCLE		5373568
POWER SUPPLY 50 CYCLE		5373567
NUM KYBD - INTERPOSER MAG - PIN SENSE	1 & 2	5405972
64 CHARACTER KEYBOARD	3 & 4	5405944
CARD FEED - PROG SELECT - PRINT	5 & 6	5405973
DUP - CLEAR - RELEASE - CARD LEVER	7 & 8	5405974
PCH CLUTCH - MP - ALPHA - KYBD RESTORE	9 & 10	5405914
SKIP - ESCAPE MAG	11 & 12	5405975
COMPONENT LOCATION	13 & 14	5405976
KEYBOARD & CAM REFERENCE		5373561
PRINT - SMS CARD		375105
ARC SUPP - SMS CARD		375233
COMBINATION KYBD CODE CHART		5367164
NUMERIC KYBD CODE CHART		5367184

FOR ENGINEERING USE

PREVIOUS ASSIGNED PAGE(S) PART NUMBER(S)
INDEX PAGE(S) P/N NO CHANGE

LOGIC PAGE(S) P/N 375106

REPLACED BY PART NUMBER(S) 375233

NOTES

XI PART NO'S 5406601 THRU 5406650
ARE RESERVED FOR MODEL "C"
INDEX PAGES. (ENG NOTE)

XII LAST BALLOON USED (76)

NOT USED; 40-49, 55-73 & 75 (ENG NOTE)

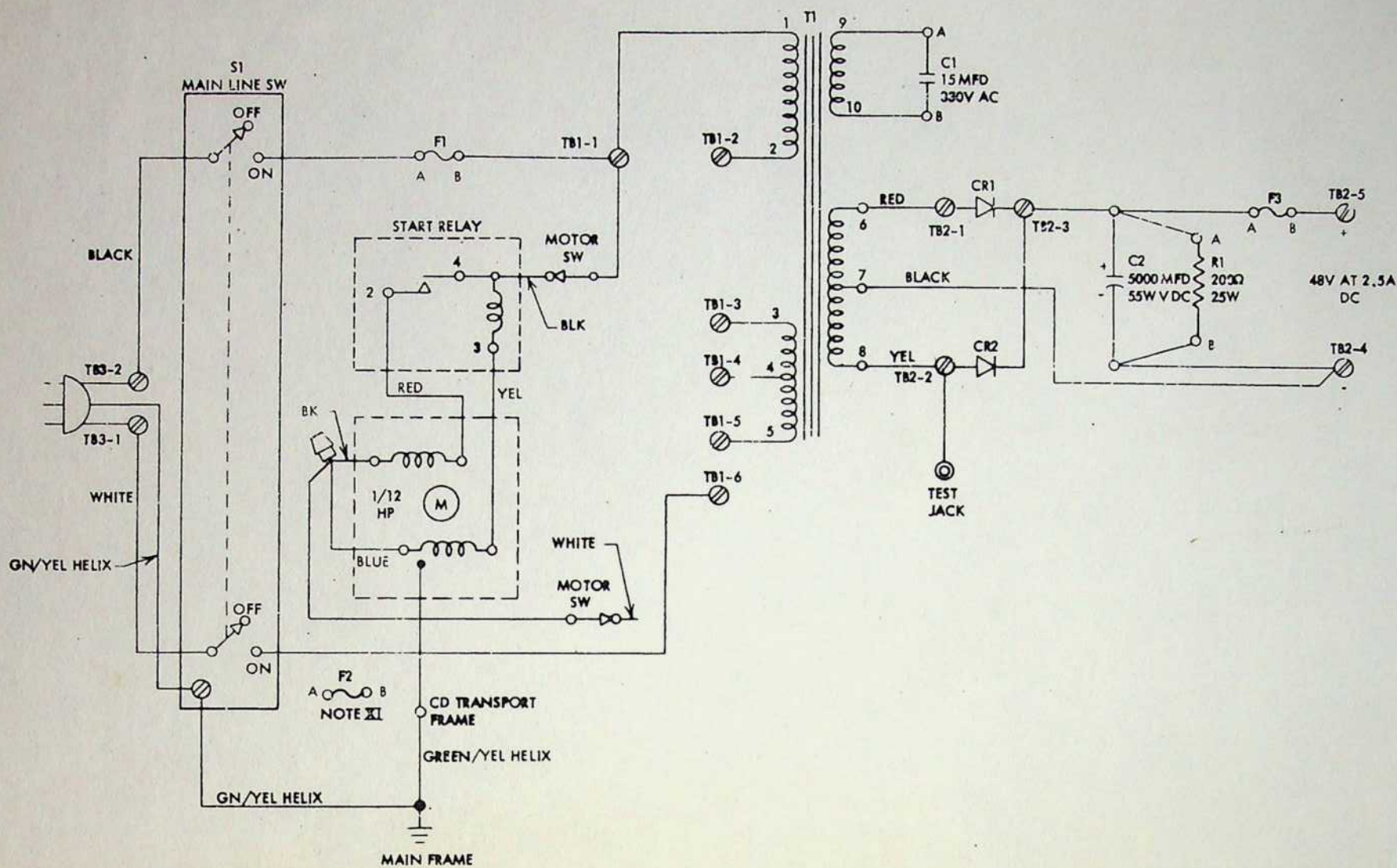
INTERNATIONAL BUSINESS MACHINES CORP.				DATE	CHANGE NO.	DATE	CHANGE NO.	NOTE	DEVELOPMENT NO.
NAME	SYSTEMS DIAGRAM			14 OCT 66	205772-G			X PRINT TO ENG. SPEC. NO. 895291	5406601
	W.D. INDEX			9 FEB 67	205842-A				
DESIGN	AG	9 SEP 66	MODEL	11 DEC 67	206154				
DETAIL									
CHECK	RAS	9 SEP 66	DRAW	C-T	7 SEP 66				
APPRO	FJH	9 SEP 66	CHECK						

5373568

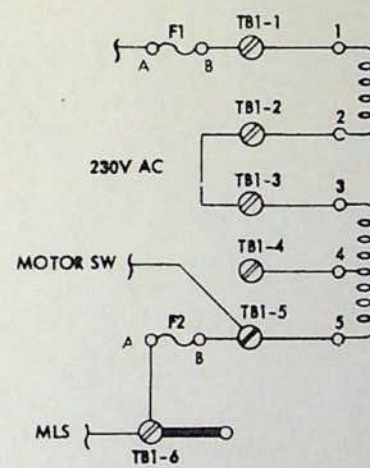
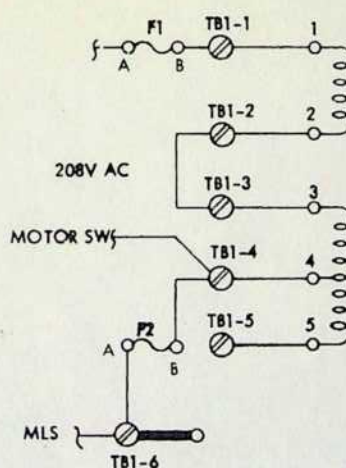
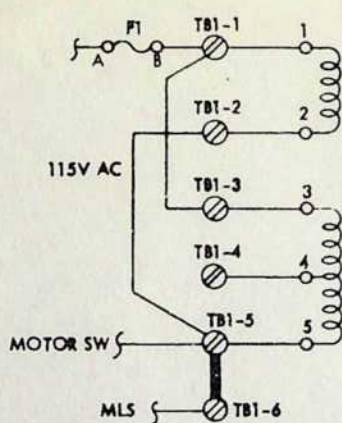
POWER SUPPLY 60 CYCLE
48V AT 2.5A POWER SUPPLY

00.29.01.1

MASTER



INPUT CONNECTIONS 60 CYC



NOTES
XI FOR 115V OPERATION F2 WILL NOT BE USED

NAME	PART NO.
T1	5404091
C1	1143069
C2	208222
CR1 2A	5404082
CR2 2A	5404082
R1	221110
S1	5372190

LONG TIME LAG FUSE			
FUSE	AMPS	PART NO.	VOLTS AC
F1	4.0	107665	115
F1	2.0	92734	208
F1	2.0	92734	230
F2	2.0	92734	208
F2	2.0	92734	230

FUSE	AMPS	PART NO.	VOLTS DC
F3	3	6324	48

INTERNATIONAL BUSINESS MACHINES CORP.				DATE	CHANGE NO.	DATE	CHANGE NO.	NOTE	DEVELOPMENT NO.
NAME				6-8-65	206329			X PRINT TO ENG. SPEC. NO. 673291	00.29.01.1
48V DC AT 2.5A				11 MAR 66	205542				
DESIGN	WT	5-4-65	MODEL						
CHECK	LF	5-4-65	DRAW	MI	4-30-65				
APPRO	RLJ	5-4-65	CHECK						

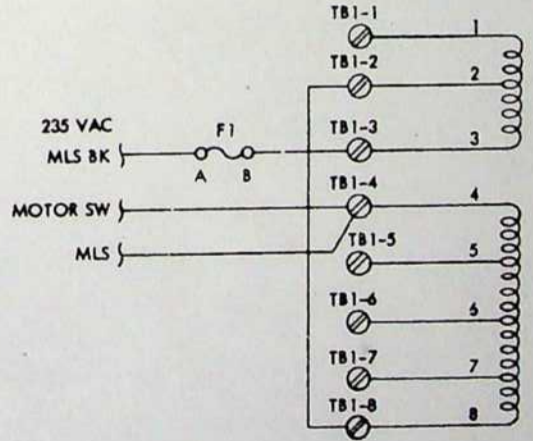
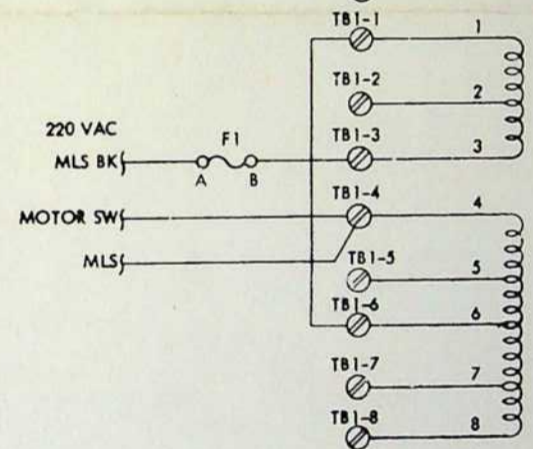
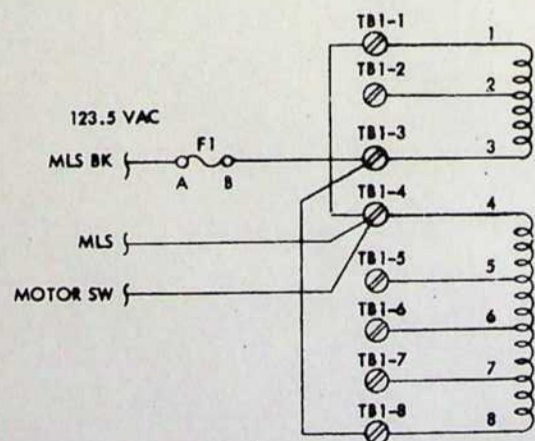
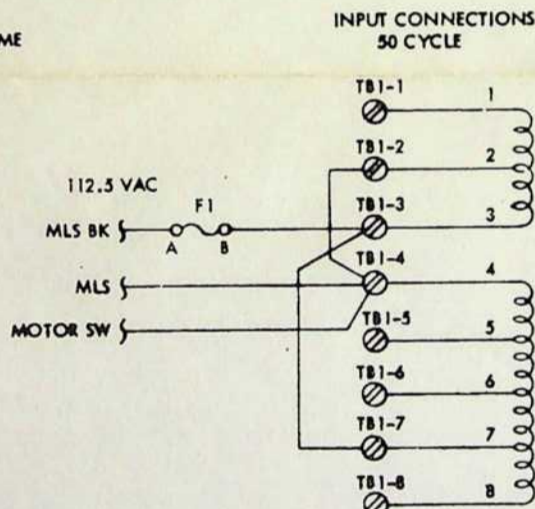
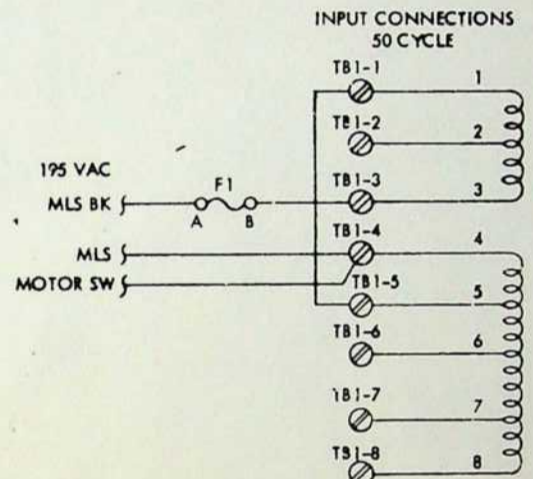
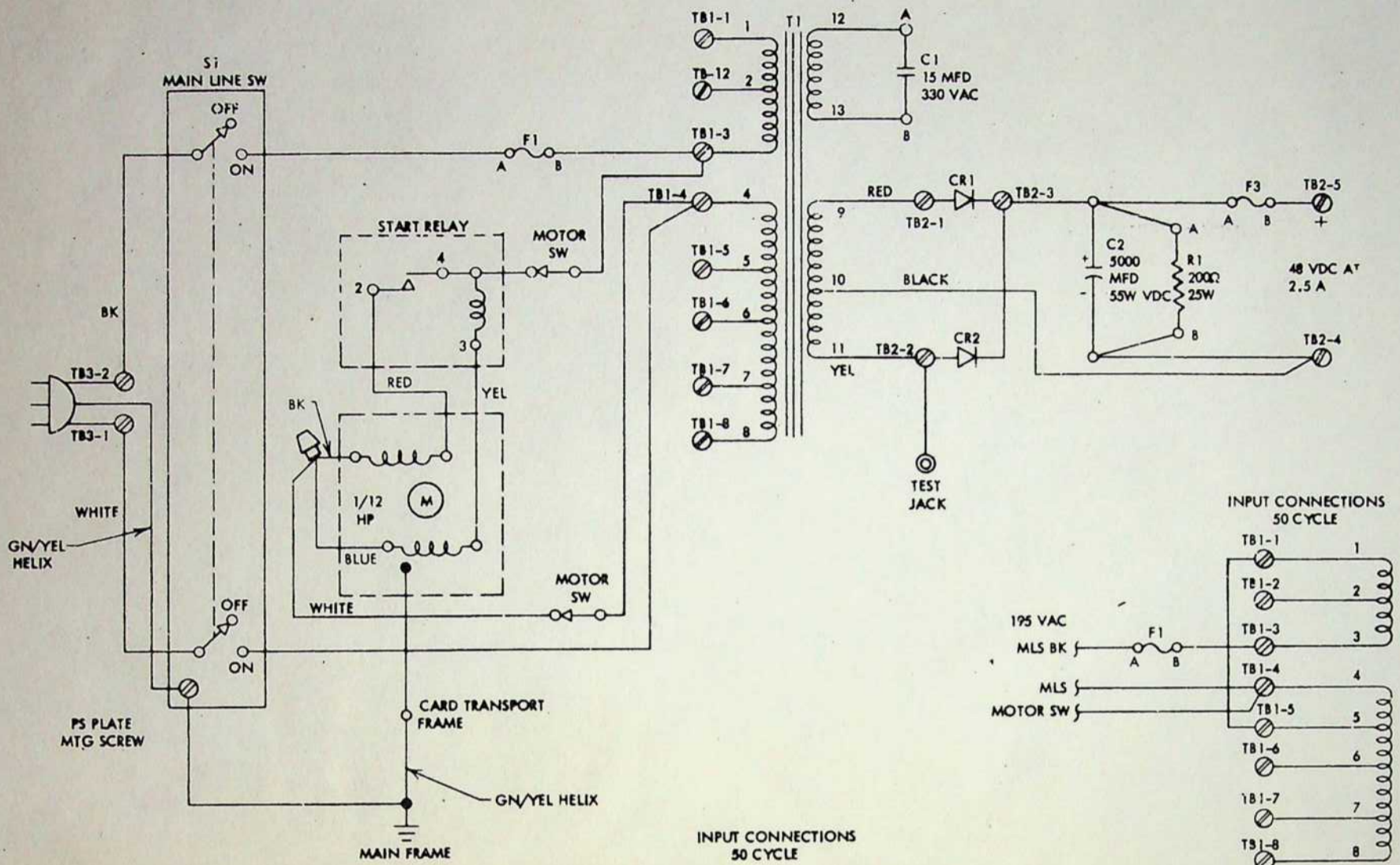
5373568

5373567

POWER SUPPLY 50 CYCLE
48V AT 2.5A POWER SUPPLY

00.29.01.1

MASTER



NAME	PART NUMBER
T1	5404096
C1	1143069
C2	208222
CR1 2A	5404082
CR2 2A	5404082
R1	221110
S1	5372190

LONG TIME LAG FUSE			
	AMPS	PART NO.	VOLTS AC
F1	4.0	107665	112.5
F1	4.0	107665	123.5
F1	2.0	92734	195
F1	2.0	92734	220
F1	2.0	92734	235

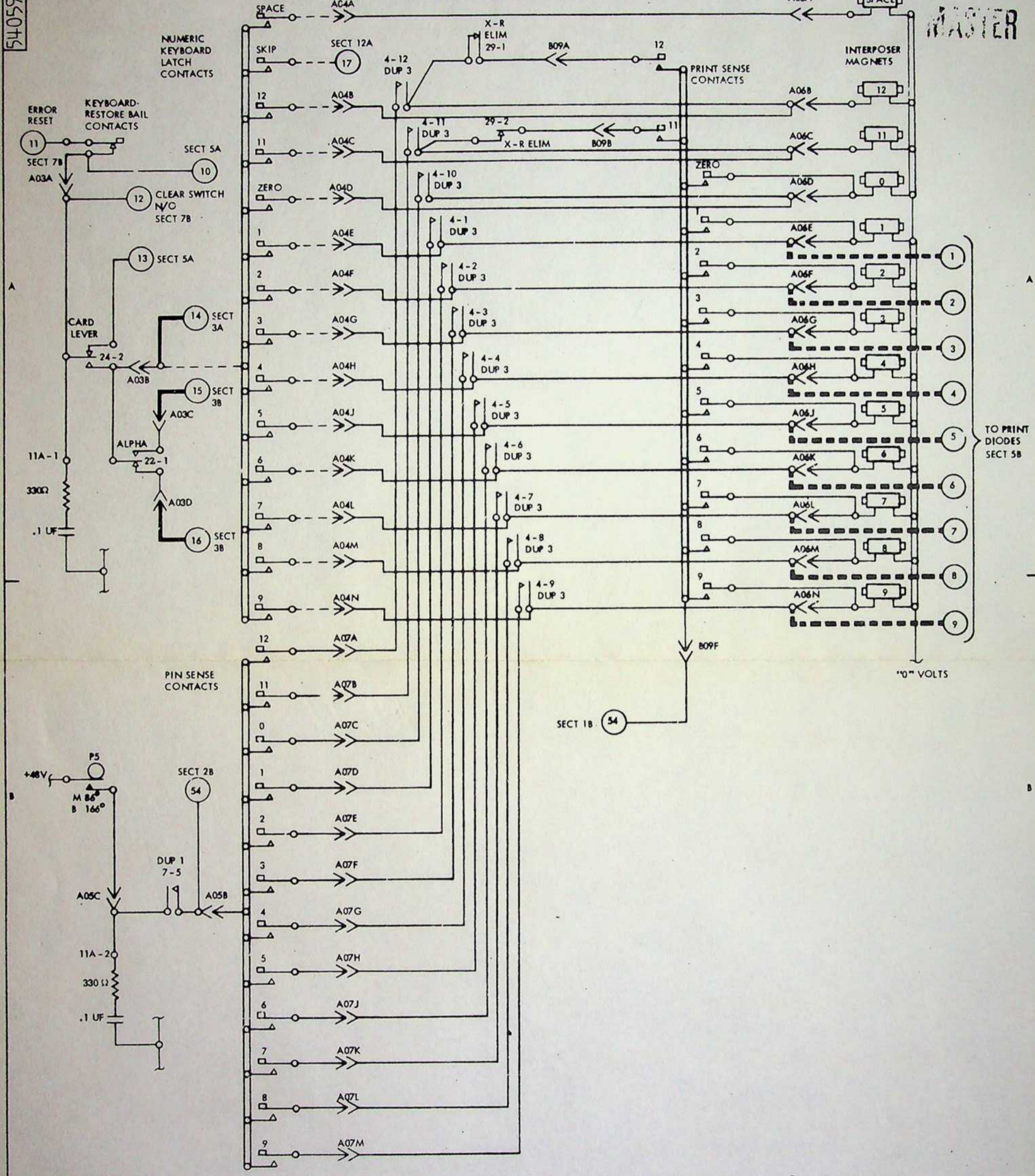
FUSE	AMPS	PART NO.	VOLTS DC
F3	3	6324	48

INTERNATIONAL BUSINESS MACHINES CORP.		DATE	CHANGE NO.	DATE	CHANGE NO.	NOTE	DEVELOPMENT NO.
NAME		6-8-65	205329			X PRINT TO ENG. SPEC. NO. 893291	5373567
DESIGN		11 MAR 66	205542				
DETAIL	WT 5-4-65	MODEL					
CHECK	LF 5-4-65	DRAW	ldl 4-30-65				
APPRO	RLJ 5-4-65	CHECK					

00.29.01.1

5405972

MOD 'C'
 NUMERIC KEYBOARD - INTERPOSER MAG - PIN SENSE AND PRINT SENSE

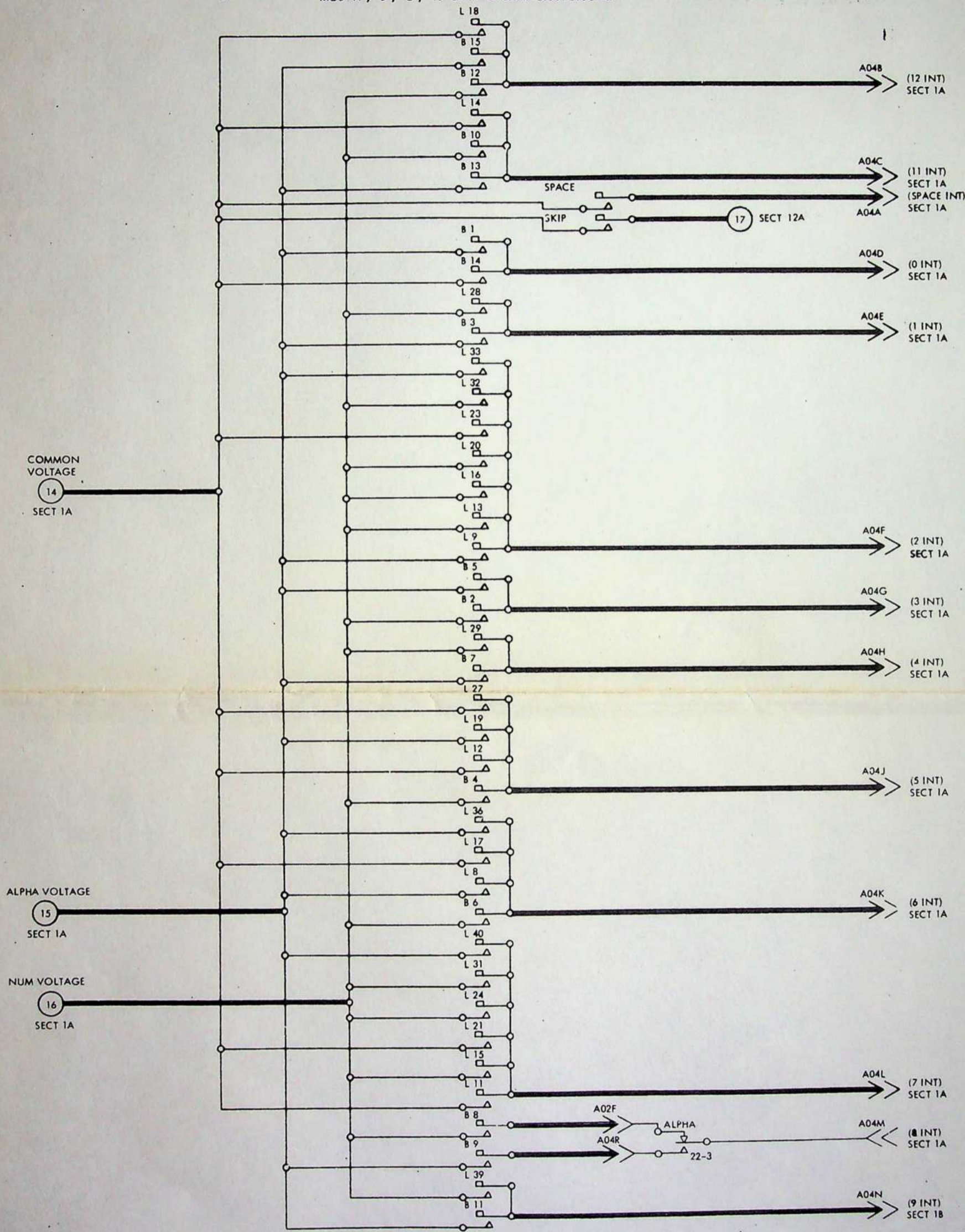


NOTES
 XI POINT TO POINT WIRING FOR +48V AND "0" VOLT NETS SHOWN ON REF PAGE

INTERNATIONAL BUSINESS MACHINES CORP.				DATE	CHANGE NO.	DATE	CHANGE NO.	NOTE	DEVELOPMENT NO.
NAME				14 OCT 66	20: 72-G			X PRINT TO ENR. SPEC. NO. 895291	5405972
KYBD-INT MAG-PIN SEN&PR SEN									
DESIGN AG 9SEP66 MODEL									
DETAIL									
CHCK	RAS	9SEP66	DRAW	GT	7SEP66				
APPRO	FJH	9SEP66	CHECK						

5405944

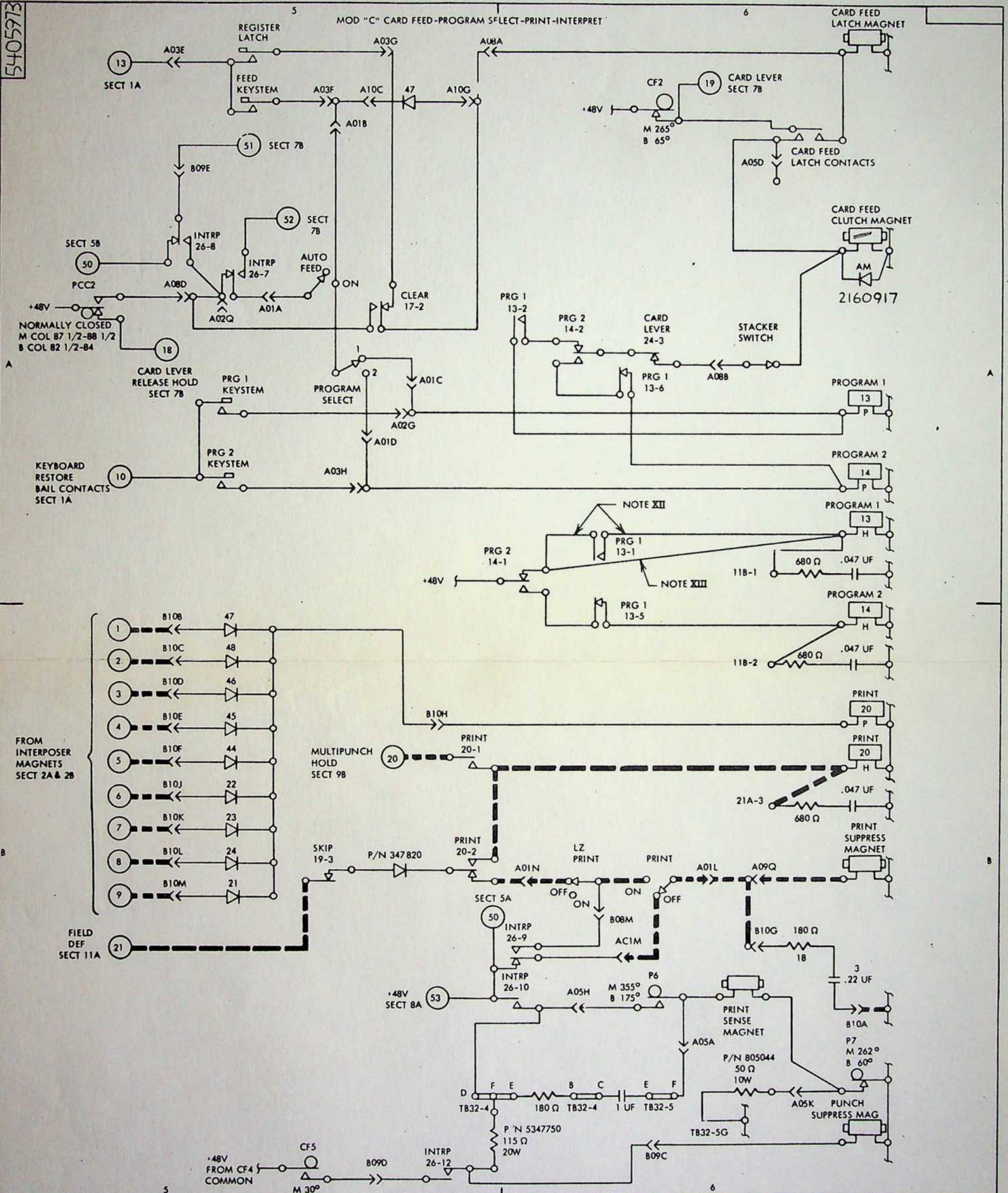
MOD "A", "B", "C", "10" & "11" 64 CHARACTER KEYBOARD



NOTES
 XI POINT TO POINT WIRING FOR -48V AND "G" VOLT NETS SHOWN ON REF PAGE

INTERNATIONAL BUSINESS MACHINES CORP.				DATE	CHANGE NO.	DATE	CHANGE NO.	NOTE	DEVELOPMENT NO.
NAME	SYSTEMS DIAGRAM			19 SEP 66	205666 - G			NOTE X PRINT TO ERG. SPEC. NO. 895291	5405944
	64 CHAR KYBD			18 OCT 66	205811-A				
DESIGN	FB	1 SEP 66	MODEL						
DETAIL	AG	9 SEP 66							
CHECK	RAS	9 SEP 66	DRAW	GT	7 SEP 66				
APPRO	RSS	9 SEP 66	CHECK						

5405973

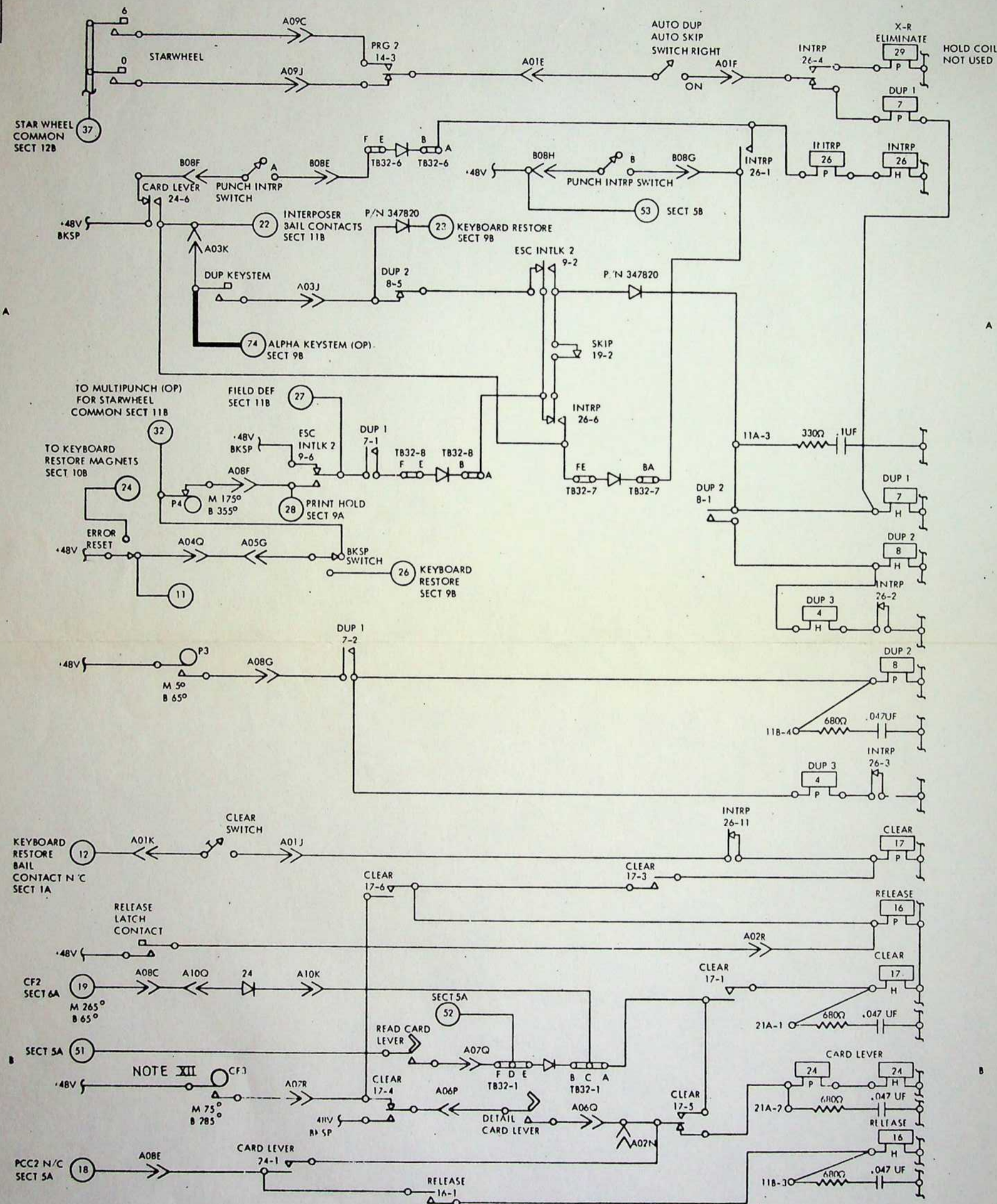


NOTES
 XI POINT TO POINT WIRING FOR +48V AND "0" VOLT NETS SHOWN ON REF PAGE
 XII FACTORY REMOVED ON EC 206154
 XIII FACTORY INSTALLED ON EC 206154

INTERNATIONAL BUSINESS MACHINES CORP.		DATE	CHANGE NO.	DATE	CHANGE NO.	NOTE	DEVELOPMENT NO.
NAME	SYSTEMS DIAGRAM	14 OCT 66	205772-G			NOTE X PRINT TO ENCL. 895291	5405973
CD FEED-PRG SEL-PRINT-INTERPRET		9 FEB 67	205842-A				
DESIGN	AG 9SEP66						
DETAIL		22 DEC 67	206154				
CHECK	RAS 9SEP66						
APPRO	FJH 9SEP66						

5405974

MCD "C" DUP-CLEAR-RELEASE-CARD LEVER



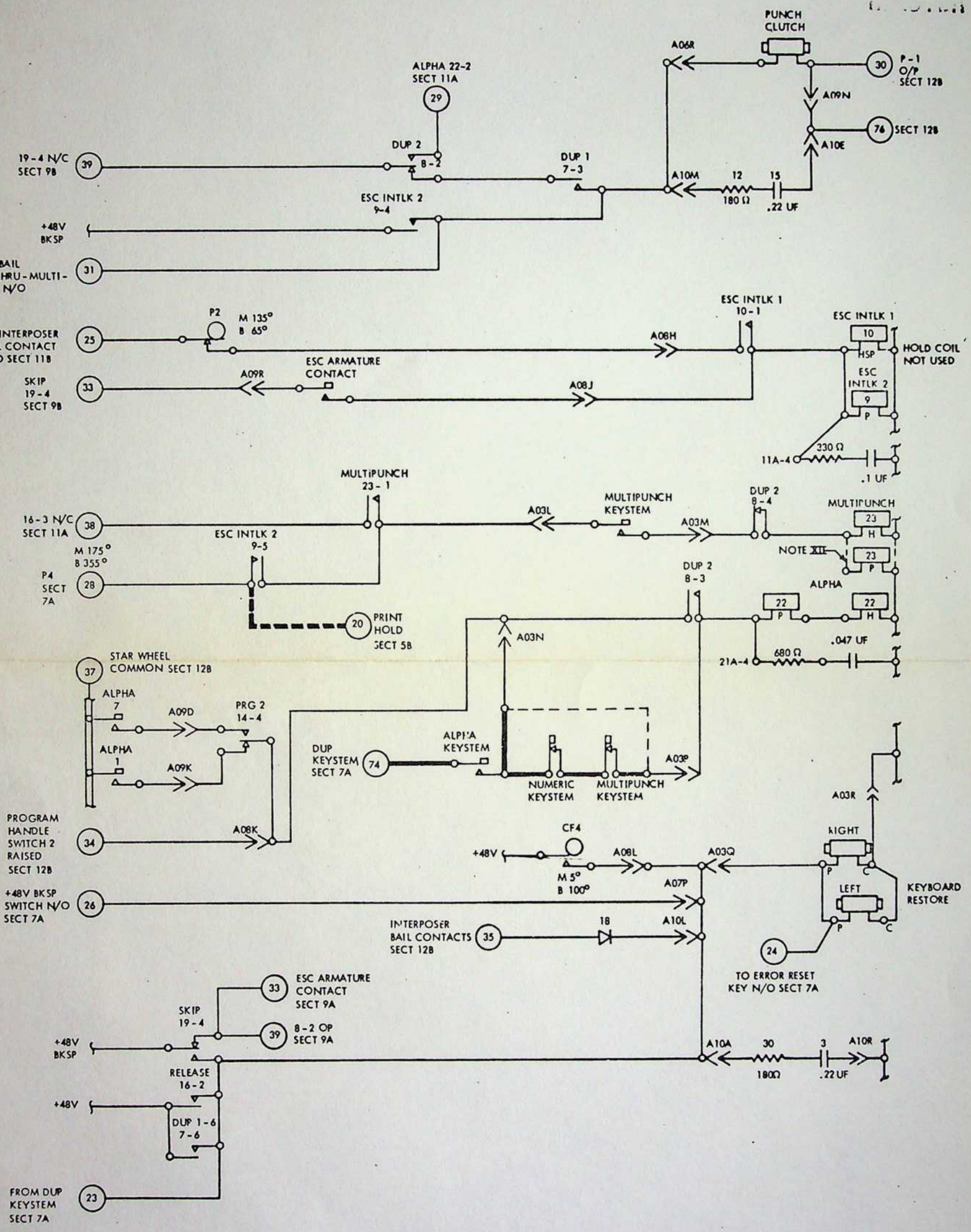
NOTES
 XI POINT TO POINT WIRING FOR +48V AND "0" VOLT NETS SHOWN ON REF PAGE
 XII CF3 TIMING FOR VLCD AND/OR HSS
 M90° ± 2° B 300° ± 5°

INTERNATIONAL BUSINESS MACHINES CORP.		DATE	CHANGE NO	DATE	CHANGE NO	NOTE	DEVELOPMENT NO.
NAME	SYSTEMS STAC-RAM	14 OCT 66	205772-G			NOTE PRINT TO ENG. SPEC. NO. RVS791	5405974
DI VISION	CLIP-CLEAR-REL-CD LEVER	9 FEB 67	205842-A				
DI TARI	AC 951P64 MOD11	13 MAR 67	205780				
CHKD	RAS 9SEP66	27 MAR 67	205983				
APPRO	FJH 9SEP66	14 OCT 68	206435				

5405914

MOD "A" & "C"
PUNCH CLUTCH - MULTI PCH - ALPHA - KEYBOARD RESTORE

10



- NOTES
- XI POINT TO POINT WIRING FOR +48V AND "0" VOLT NETS SHOWN ON REF PAGE
 - XII AS REQ'D FIELD CHANGE ON EC 205981

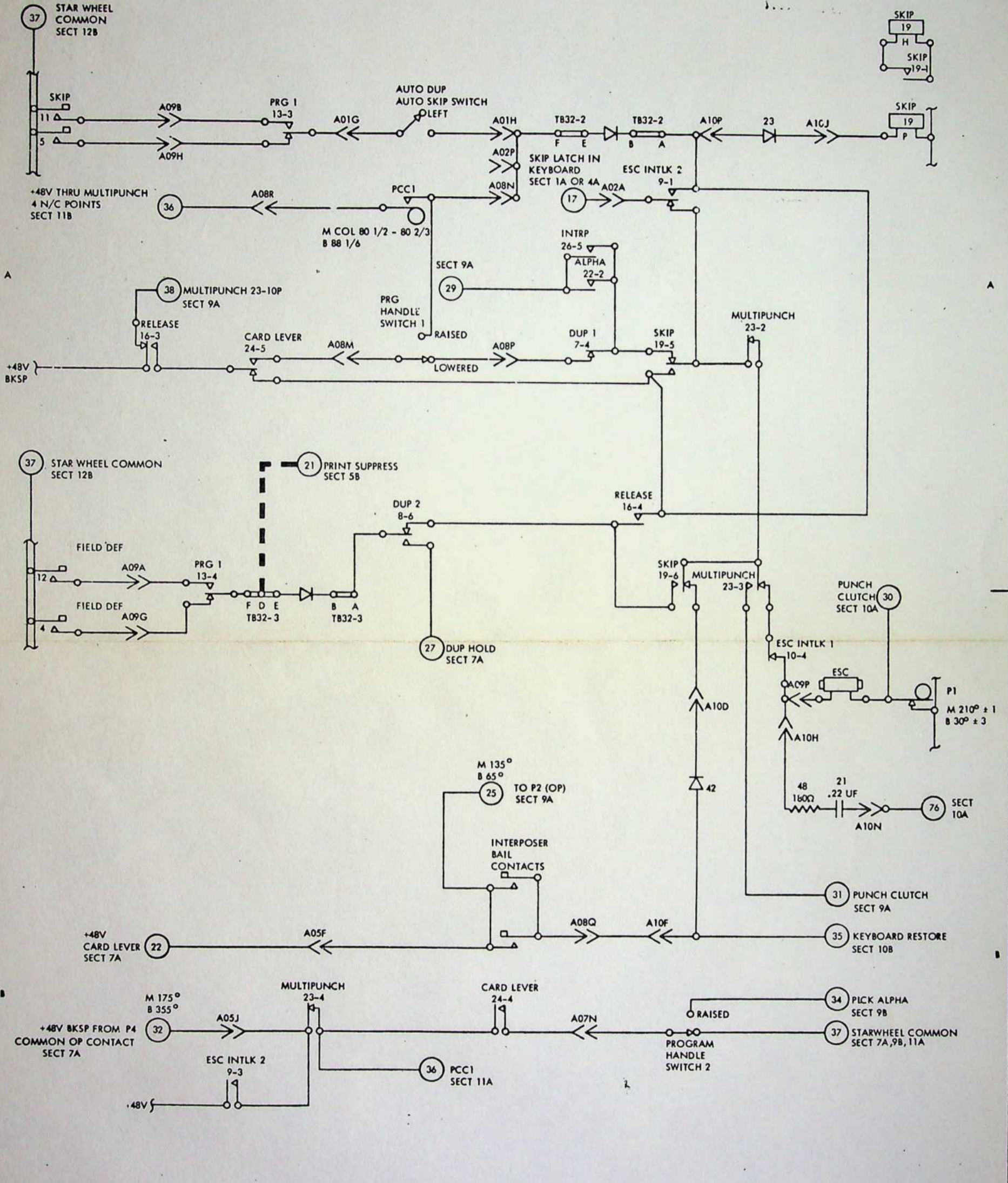
INTERNATIONAL BUSINESS MACHINES CORP.		DATE	CHANGE NO.	DATE	CHANGE NO.	NOTE	DEVELOPMENT NO.
NAME	SYSTEM DIAGRAM	14 OCT 66	205772-G			NOTE I PRINT TO ENL. SP. NO. 895291	5405914
PCH CLUTCH-MP-ALPHA-KYBD RES		9 FEB 67	205842-A				
DESIGN	AG 9SEP66			10 APR 67	205981		
DETAIL							
CHECK	RAS 9SEP66	GT	7SEP66				
APPRO	FJH 9SEP66	CHECK					

5405975

11

MOD 'C' SKIP-ESCAPE MAG

12



NOTES
 I POINT TO POINT WIRING FOR +48V AND "0" VOLT NETS SHOWN ON REF PAGE

INTERNATIONAL BUSINESS MACHINES CORP.		DATE	CHANGE NO.	DATE	CHANGE NO.	NOTE	DEVELOPMENT NO.
NAME		14 OCT 66	205772-G			NOTE 1 PRINT TO ENB. SPEC. NO. 895291	5405975
SKIP - ESCAPE MAG		9 FEB 67	205642-A				
DESIGN	AG 9SEP66	MODEL					
CHECK	RAS 9SEP66	DRAW	GT 7SEP66				
APPRO	FJH 7SEP66	CHECK					

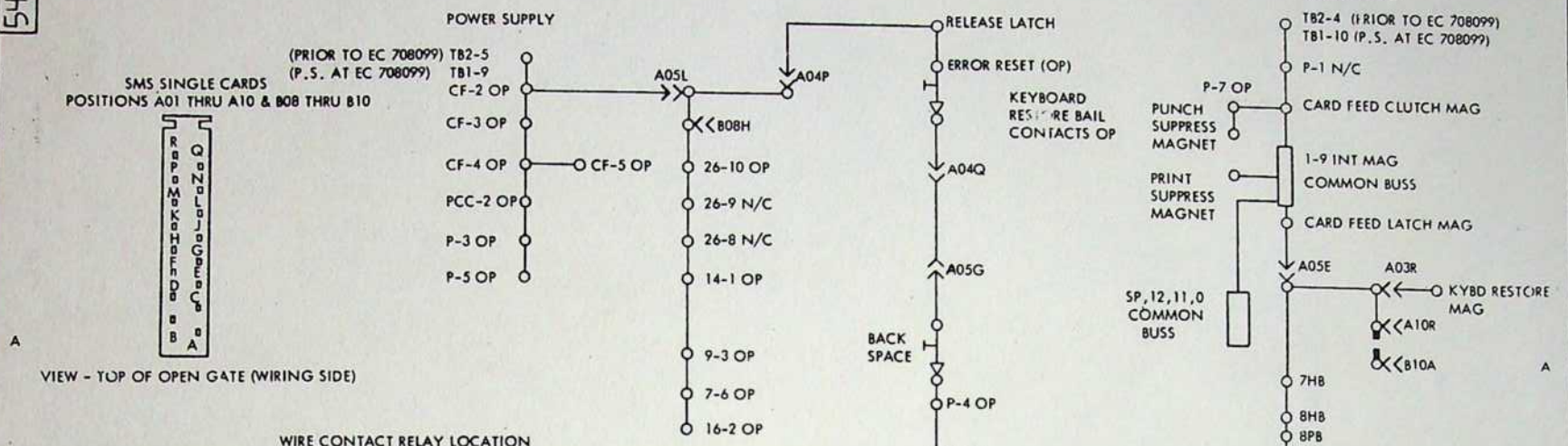
5405976

13

MOD "C" +48 VOLT NET

14

"0" VOLT NET



VIEW - TOP OF OPEN GATE (WIRING SIDE)

WIRE CONTACT RELAY LOCATION

RELAY	NO.	P	COIL	H	1	2	3	4	5	6	7	8	9	10	11	12	PART NO.	COR. TYPE
DUP 3	4	8B	8B	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	255735	PU HRH
DUP 1	7	8A	8A	7A	7B	10A	12A	1B	9B								196198	PU HRH
DUP 2	8	8B	8A	8A	9A	9B	10A	8A	11A								196198	PU HRH
ESC INTLK 2	9	10A		12A	8A	11B	9A	9A	7A								196196	PU
ESC INTLK 1	10	10A		10A	*	12B											328273	HSP
PROGRAM 1	13	6A	6A	6A	6A	11A	11B	6B	6A								196198	PU HRH
PROGRAM 2	14	6A	6B	6A	6A	7A	9B										196208	PU HRH
RELEASE	16	8B	8B	8B	9B	11A	12A										196208	PU HRH
CLEAR	17	8B	8B	8B	5A	8B	7B	8B	7B								196198	PU HRH
SKIP	19	12A	12A	12A	8A	5B	9B	12A	12A								196198	PU HRH
PRINT	20	6B	6B	5B	5B												196208	PU HRH
ALPHA	22	10B	10B	1A	12A	4B	XSKIP										196208	PU HRH
MULTIPUNCH	23	10A	10A	9A	12A	11B											104753	HSPU HOLD
CARD LEVER	24	8B	8B	8B	1A	6A	12B	11A	7A								196198	PU HRH
INTRP	26	8A	8A	8A	8B	8B	8A	12A	8A	5A	5A	6B	6B	8B	6B		255735	PU HRH
X-R ELIM	29	8A		1A	1A												196206	PU HRH

* DO NOT INSERT WIRES

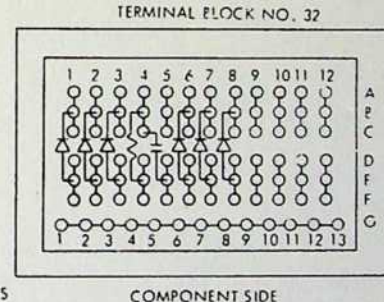
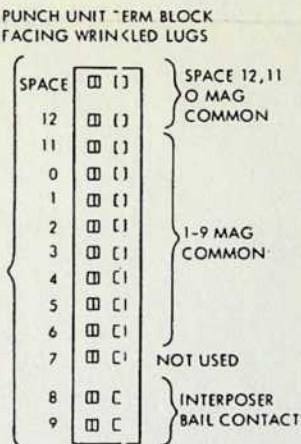
SMS CARD NAME	CONNECTOR CHART										ARC SUPP	PRINT		
	A01	A02	A03	A04	A05	A06	A07	A08	A09	A10			B08	B09
A	5A	12A	1A	1A	6B	2A	1B	5A	11A	10B			2A	6B
B	5A		1A	1A	1B	2A	1B	6A	11A				2A	5B
C	5A		1A	1A	1B	2A	1B	7B	7A	5A			6B	5B
D	5A	MC1	1A	1A	6A	2A	1B	5A	8B	12B			5B	5B
E	8A	AUX DUP	5A	1A	14A	2A	1B	7B		10A		7A	5A	5B
F	8A	4B	5A	1A	11B	2A	1B	7A		12B		7A	2B	5B
G	11A	5A	5A	1A	7A	2A	1B	7B	11B	5A		8A		6B
H	12A		5A	1A	6B	2A	1B	10A	11A	12B		8A		5B
J	7B		7A	1A	11B	2A	1B	10A	7A	12A				5B
K	7B		7A	1A	6B	2A	1B	9B	9B	7B				5B
L	6B		10A	1A	13A	2A	1B	9B		10B				5B
M	6B	XSKIP	10A	1A	VLCD	2A	1B	11A		10A		6B		5B
N	6B	8B	10B	1B	HSS	2B	12B	12A	10A	12B				
P	MC1	12A	10B	13A	HSS	7B	10B	12A	12B	12A				
Q		5A	10B	7A	MC1	8B	7B	12B	6B	7B				
R		8B	10B	4B	HSS	10A	7B	11A	9A	10B				

COMP. P/N	DIODE - 347820	DIODE - 347820	DIODE - 347820	RES - 520404	CAP - 5400890	DIODE - 347820	DIODE - 347820	DIODE - 347820
PIN	1	2	3	4	5	6	7	8
A	8B	12A	11A			7A	8A	7A
B	8B	12A	11A	6B		7A	8A	7A
C	8B			6B				
D	8B		11A	5B				
E	8B	12A	11A	5B	6B	7A	8A	7A
F	8B	12A	11B	5B	6B	7A	8A	7A
G		14B		6B				

TB 32 LOCATION

NO.	LOCATION	PART NO.	MAKE	BPEAK
1	12B	309630	210°±1°	30°±3°
2	9A	309634	135°±3°	65°±2°
3	7B	350359	5°±1°	65°±3°
4	7A	309630	175°±3°	35°±2°
5	1B	309629	86°±3°	166°±2°
6	6B	309630	355°±3°	175°±2°
7	6B	313414	262°±3°	60°±2°

LEGEND
 - - - - - PRINT FEATURE WIRING (STANDARD ON MOD "C")
 - - - - - COMBINATION KEYBOARD WIRING
 - - - - - NUMERIC KEYBOARD WIRING
 ○ - ○ COMMON BUSS



NO.	LOCATION	PART NO.	MAKE CONTACT	BREAK CONTACT
2	6A	344181	265° 5	65° 2
3	7B	315042	75° 2	285° 5
4	10B	313807	5° 2	100° 5
5	5B	311384	30° 2	45° 5

PART NO.	FROM	TO	SECTION
2160917	ACROSS CD FD MAG	6A	
347820	19-3 N/C	20-2 OP	5B
347820	7-6 N/O	8-5 N/C	7A
347820	9-2 N/O	11A-3	
5347750	TB32-4F	76-12N/O	6B
805044	TB32-5G	A05K	6E

NOTES
 XI AS REQ'D FIELD CHANGE ON EC 205981

INTERNATIONAL BUSINESS MACHINES CORP.	DATE	CHANGE NO.	DATE	CHANGE NO.	NOTE	DEVELOPMENT NO.
NAME SYSTEMS DIAGRAM	14 OCT 66	205772-G	15 JAN 69	920013	X PRINT TO ENG. SPEC. NO. 695291	5405976
CHART LOCATION	9 FEB 67	205342-A				
DESIGN AG 95EP62 MODEL	27 MAR 67	205783				
CHECK RAS 95EP62 DRAW ID1 22DCC67	17 APR 67	205781				
APPRO FJII 95IP62 CHECK	22 DEC 67	206154				

537356

00.29.10.0

KEYBOARD & CAM REFERENCE

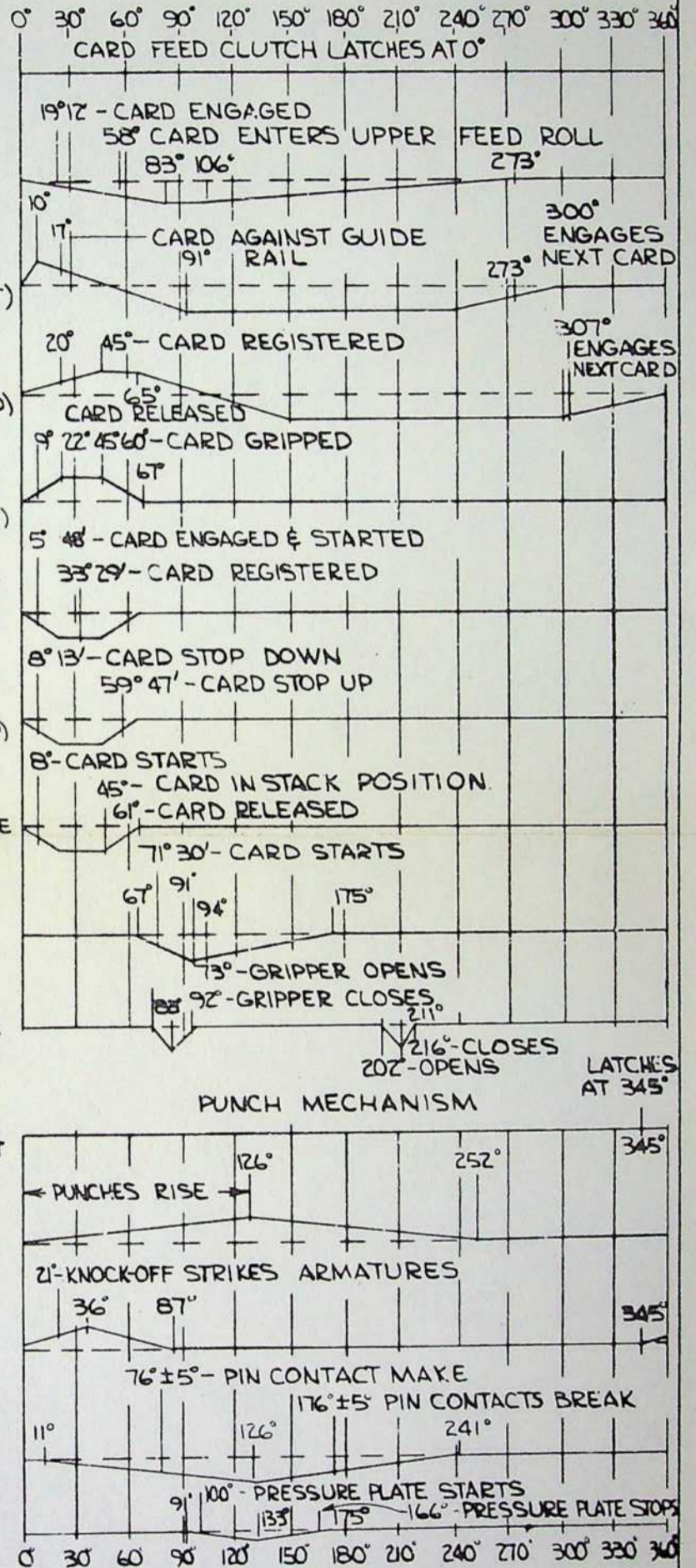
MASTER

MECHANICAL TIME CHART
CARD FEED MECHANISM

STEM POS	GRAPHIC		CARD CODE		BAILS		LATCHES	
	ALPHA	NUMERIC	ALPHA	NUMERIC	ALPHA	NUMERIC	ALPHA	NUMERIC
1	ERROR RESET							
2	MULTI PUNCH							
3	NUMERIC							
4	Q	+	11-8	12-8-6	13,9	12,8,6		
5	A		12-1		15,3			
6	@	#	8-4	8-3	9,7	8,2		
7	Z		0-9		1,11			
8	W	-	0-6	0-8-5	14	14,8,4	X	
9	S	>	0-2	0-8-6	14	14,8,6	X	
10	%	,	0-8-4	0-8-3	14,9,7	14,8,2		
11	X	?	0-7	0-8-7	14	14,8	X	X
12	E)	12-5	11-8-5	15	10,8	X	X
13	D	:	12-4	8-2	15,7	8		X
14	*	;	11-8-4	11-8-3	7,9	8,2	X	X
15	C	"	12-3	8-7	15,5	8		X
16	R	\$	11-9	12-8-2	13,11	12,8		X
17	F	;	12-6	11-8-6	15	10,8	X	X
18	<	.	12-8-4	12-8-3	9,7	8,2	X	X
19	V	=	0-5	6-8	1	8,6	X	
20	T	0-8-2	0-3	0-8-2	14,5	14,8		X
21	G	-	12-7	11-8-7	15	10,8	X	X
22	MASTERCARD						X	X
23	B	!	12-2	11-8-2	15	10,8	X	X
24	Y	!	0-8	12-8-7	19	12,8		X
25	H	'	12-8	8-5	15,9	8,4		
26	DUP							
27	N	(11-5	12-8-5	13	12,8	X	X
28	U	1	0-4	1	1,7			X
29	J	4	11-1	4	13,3			X
30	-	-	11	11	13	10		
31	M	7	11-4	7	13,7			X
32	I	2	12-9	2	15,11			X
33	K	5	11-2	5	13	4	X	
34	/	0	0-1	0	14,3	14		
35	,	8	0-8-3	8	19,5	8		
36	O	3	11-6	3	13	2	X	
37	L	6	11-3	6	13,5	6		
38	SPACE						X	X
39	.	9	12-8-3	9	15,9,5			X
40	P	&	11-7	12	13	12	X	
41	SKIP						X	X
42	RELEASE						X	X
43	AUX DUP						X	X
44	FEED							
45	REGISTER						X	X
46	PROG 2							
47	ALPHA							
48	LEFT ZERO						X	X
49	LEFT ZERO							
50	PROG 1							

ODD NUMBER BAILS ON RIGHT SIDE OF KEYBOARD
EVEN NUMBER BAILS ON LEFT SIDE OF KEYBOARD

- CARD FEED CLUTCH
60 RPM
1° = 2.78 MS
- CARD FEED KNIFE
- CARD ALIGNER
(VERTICAL ALIGNMENT)
- CARD PUSHER FEED
(FOR DETAIL CARD)
- PRESSURE ROLLS
(ON FEED WHEELS)
- INSERTING ROLL
(FOR MASTER CARD)
- CARD REGISTER STOP
(FOR MASTER STOP)
- EJECT ROLL
(FOR CARD TO BE STACKED)
- CARD PUSHER-STACKER
- STACKER DRUM GRIPPERS
- PUNCH CLUTCH
1200 RPM } NON-PRINT
1° = .139 MS }
1080 RPM } PRINT
1° = .154 MS }
- PUNCH BAIL
- ARMATURE KNOCK-OFF
- PIN OPER CAM
- PRINT CAM



INTERNATIONAL BUSINESS MACHINES CORP.	DATE	CHANGE NO.	DATE	CHANGE NO.	NOTE	DEVELOPMENT NO.
NAME SYSTEMS DIAGRAM	12-30-64	205199			X PRINT TO ENG. SPEC. NO. 895291	
DESIGN WT 11-23-64 MODEL						
DETAIL						
CHECK LF 11-23-64 DRAW STA 12-2-64						
APPRO JKC 11-23-64 CHECK STA 12-9-64						

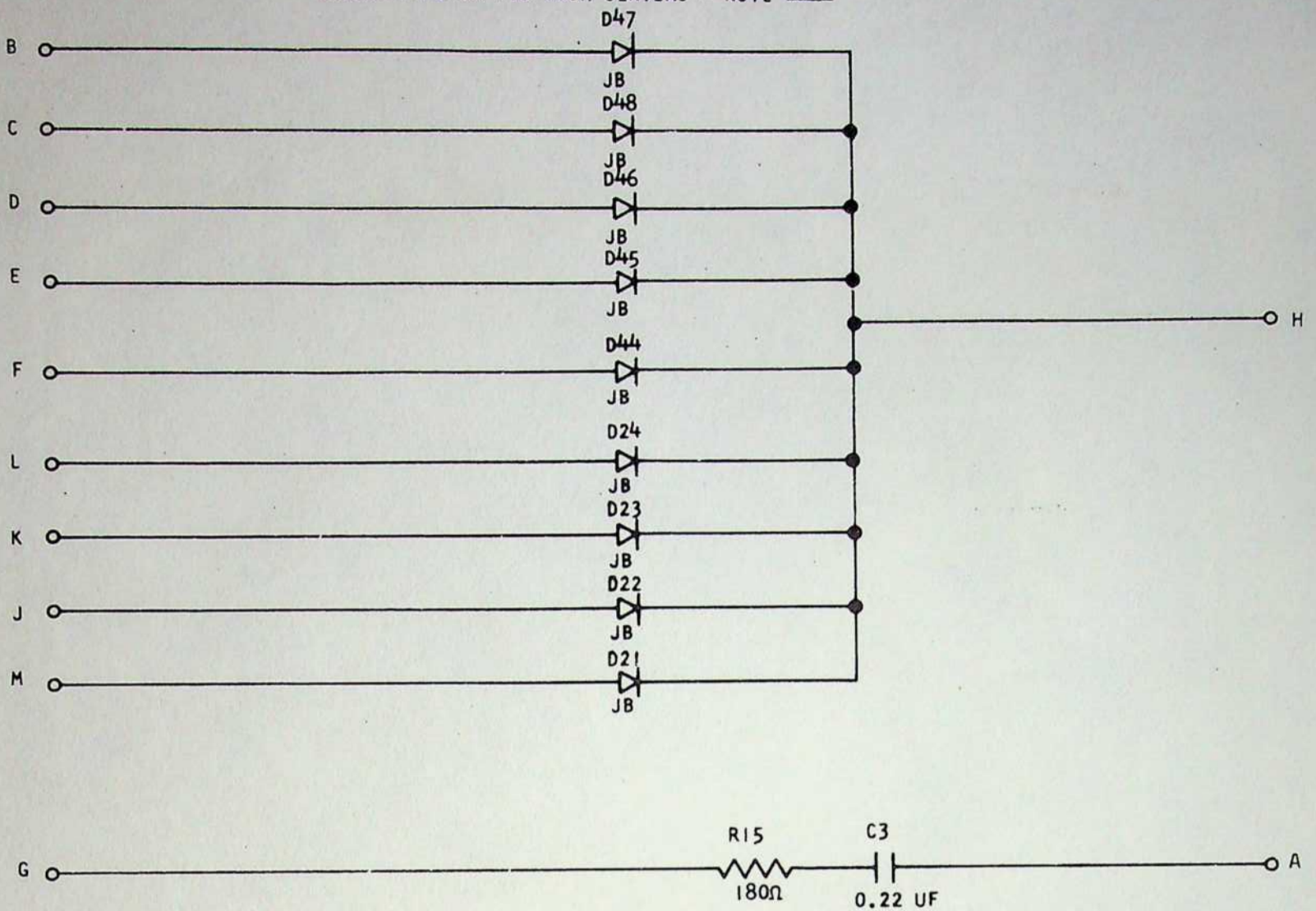
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537356

PRINT

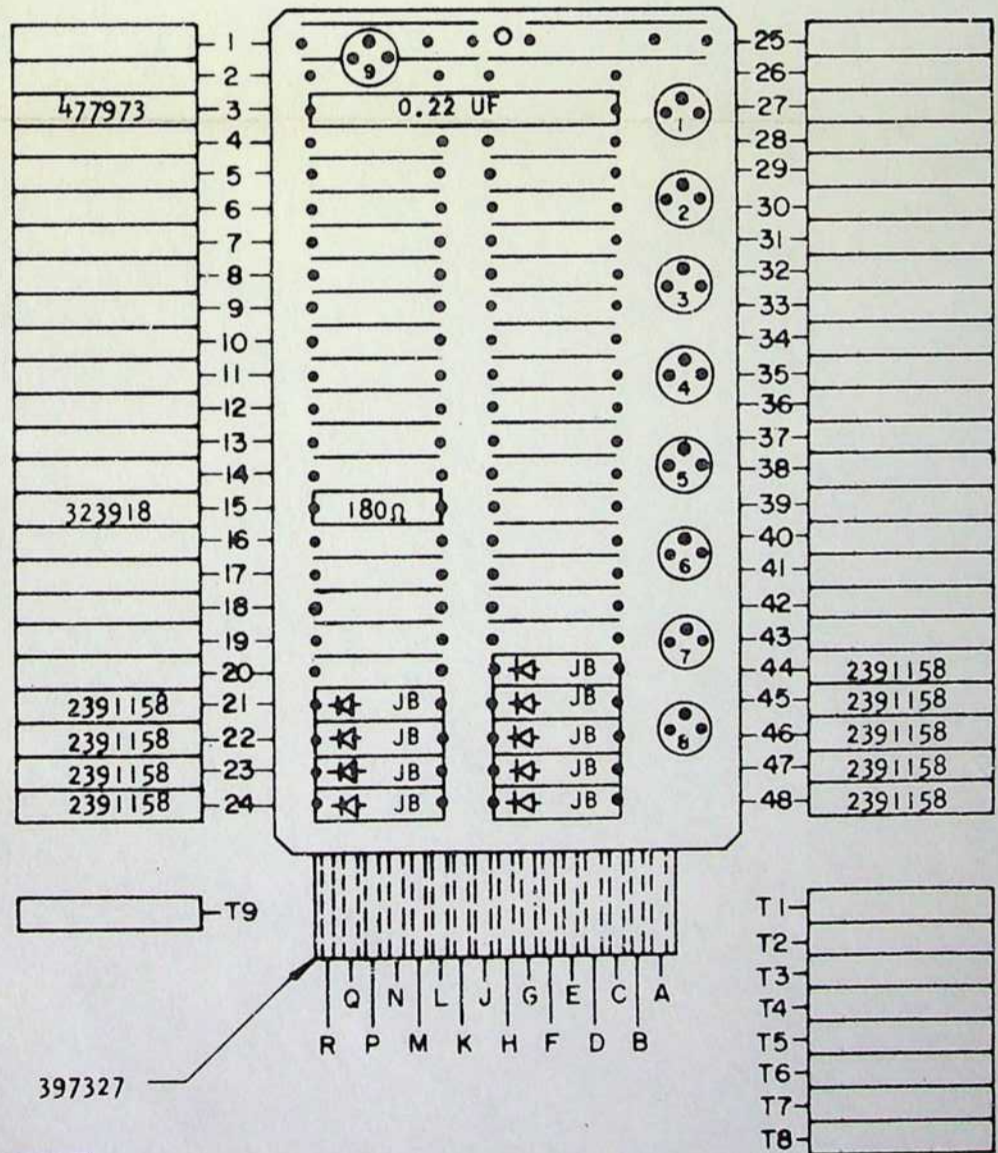
MOUNT CARD ON 1.0 INCH CENTERS - NOTE XIII

STANDARDS CODE 2-7045
375105
FFH -



NOTES

- X CIRCUIT MUST CONFORM TO ENGINEERING SPECIFICATION
- XI ASSEMBLE TO ENGINEERING SPECIFICATION 895396 AND 891999
- XII ALL RESISTORS ARE 1/2 WATT AND ± 5% UNLESS OTHERWISE NOTED
- XIII MAXIMUM HEIGHT COMPONENTS MAY PROJECT ABOVE COMPONENT SIDE OF CARD WILL BE .640



B MFG. ENG. *pu* 5-31-66
 CIRCUIT AND PACKAGING STANDARD
 APPROVAL DATE

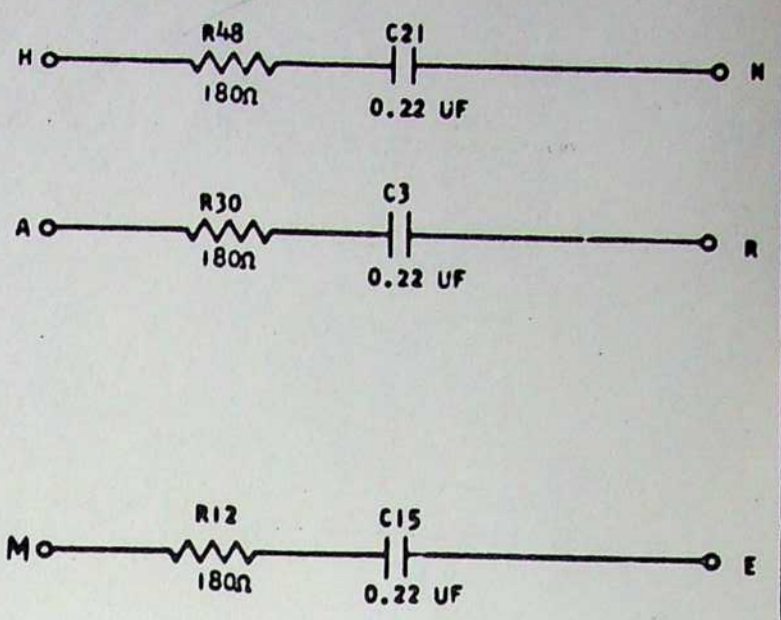
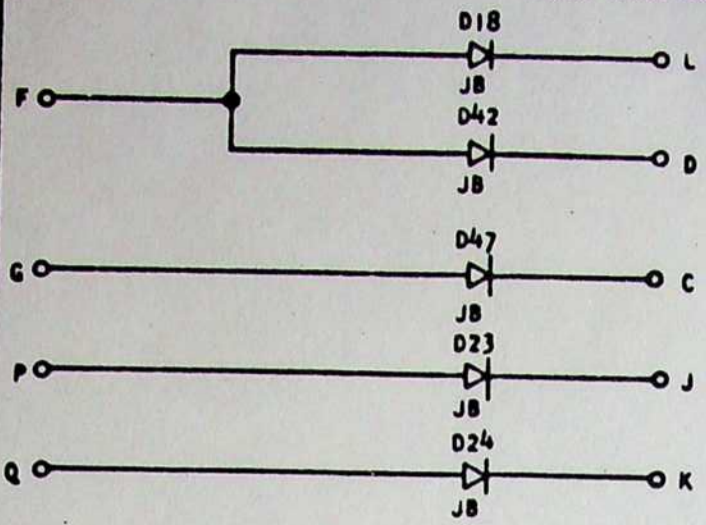
KAUT NPB 5/6/66 HOLE PATTERN 493457

INTERNATIONAL BUSINESS MACHINES CORP.				DATE	CHANGE NO.	APPROVAL	DATE	CHANGE NO.	APPROVAL	DEVELOPMENT NO.
NAME CARD ASM TSTR - PRINT				1 JUN 66	126540	<i>IX</i>				PA-3400 A
DESIGN	VE	5 APR 66	MODEL	SMS						375105
DETAIL	VE	5 APR 66	SCALE	NONE						
CHECK	VE	5 APR 66	DRAW	VE 5 APR 66						
APPRO			CHECK	<i>ric</i> 4/1/66						

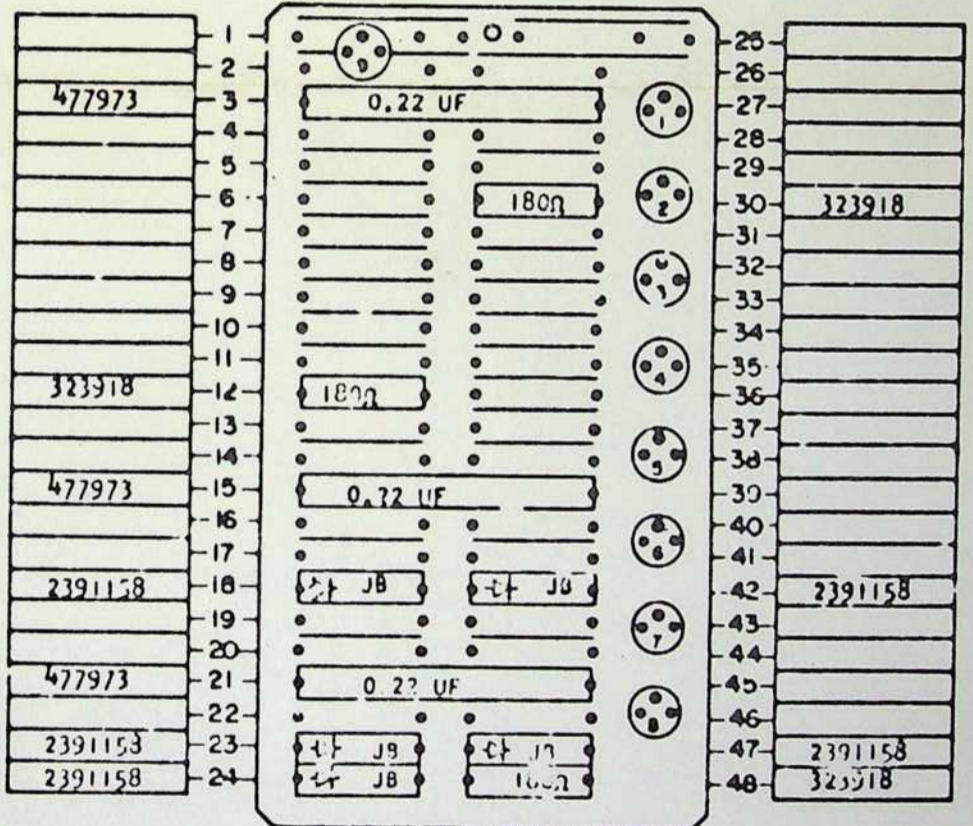
375233
F L L -
STANDARD CODE
2-70-5

ARC SUPPRESSION
MOUNT CARD ON 1.0 INCH CENTERS - NOTE XIII

375233



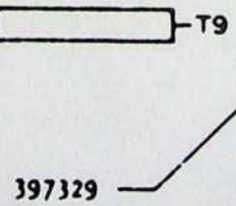
- NOTES
- I CIRCUIT MUST CONFORM TO ENGINEERING SPECIFICATION
 - II ASSEMBLE TO ENGINEERING SPECIFICATION 895398 AND 891999
 - III ALL RESISTORS ARE 1/2 WATT AND ± 5% UNLESS OTHERWISE NOTED
 - IV MAXIMUM HEIGHT COMPONENTS MAY PROJECT ABOVE COMPONENT SIDE OF CARD WILL BE .640



B

MFG ENG	PW	5-16-67
CIRCUIT AND PACKAGING STANDARD		
APPROVAL	DATE	
✓ K	4-17-67	

HOLE PATTERN
493457



COMPONENT SIDE

INTERNATIONAL BUSINESS MACHINES CORP.		DATE	CHANGE NO.	APPROVAL	DATE	CHANGE NO.	APPROVAL	DEVELOPMENT NO.
NAME	CARD ASM TSTR	17 MAY 67	171144	[Signature]				375233
DESIGN								
DETAIL								
CHECK	SCALE							
	DRAW SJ	10-10-67						
APPRO	CHECK SJ	1-10-67						

