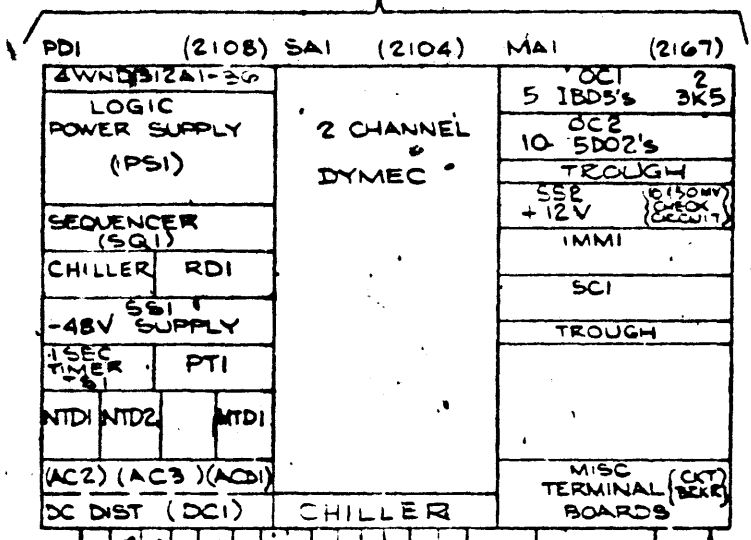
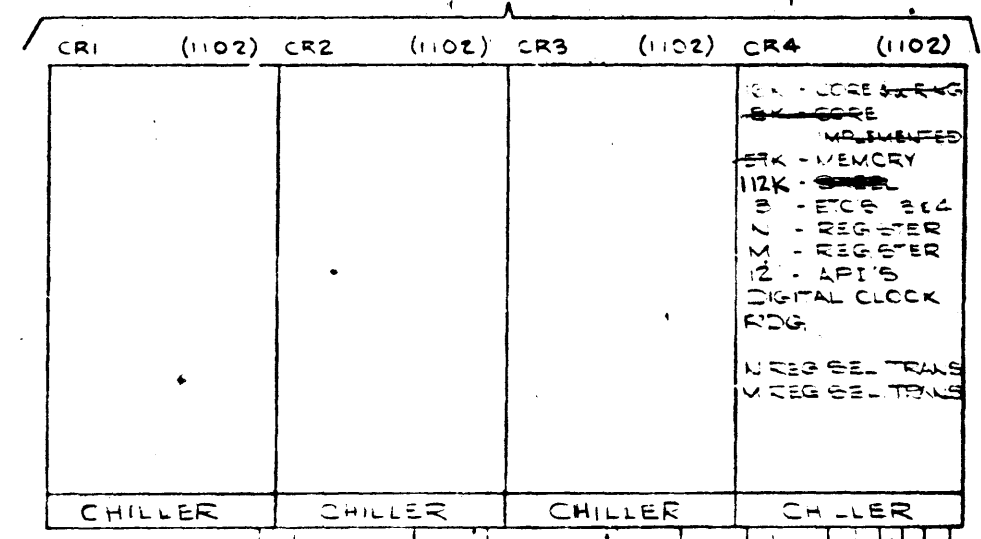
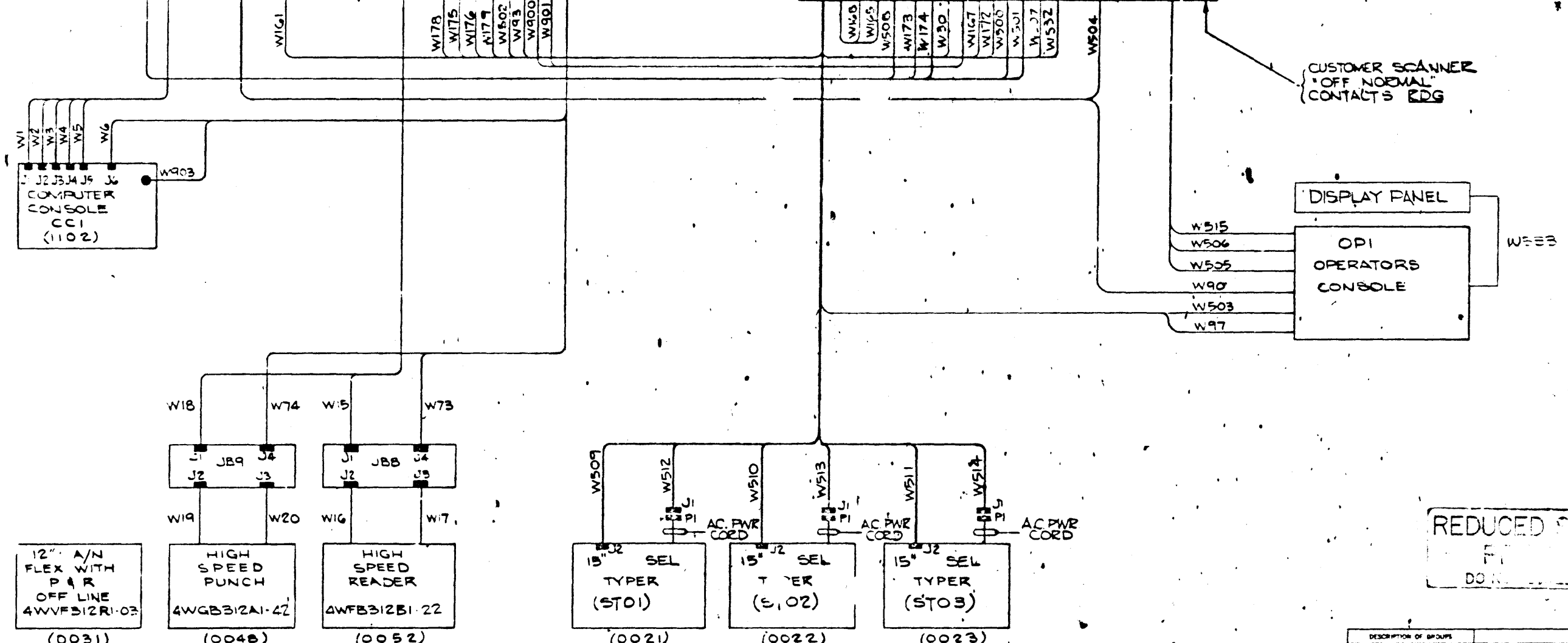


PDI - Power Distribution I/O ASSEMBLY #1 (2100)



*Dymec* ⇒ Analog voltage converted to a discrete frequency which in turn is converted to a binary count.

*RDI register displays*



REDUCED SIZE

DESCRIPTION OF GROUPS	REVISIONS	PRINTS TO

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING -

APPLIED PRACTICES	SURFACES	TOLERANCES ON MACHINE DIMENSIONS	DIMENSIONAL	ANGLES
	✓	+	+	+

REVISION STATUS 412B

FIRST MADE FOR 4WC412B1  
ICF ON 4WC412B1-01

REVISION STATUS

REV.	RECORD OF CHANGE	REV. DATE & NAME	REV.	RECORD OF CHANGE	REV. DATE & NAME
A	REV SH 111, 114, 117, 118	JAN 12, 64	M	REV SH 51, 52, 84	JAN 13, 64
B	REV AN 700-40-012	JUN 12, 63	RC	120, 156	JAN 13, 64
B	REV SH 12, 58, 59, 60, 64, 65, 66, 16, 41	JUN 12, 63	N	ANWDX-40-290	FEB 3, 64
C	REV SH 11, 79, 126, 165	JUN 12, 63	RC	REV 3 RETRACE	JAN 13, 64
C	REV SH 11, 79, 126, 165	JUN 12, 63	S	57, 145	JAN 13, 64
D	REV SH 12, 26, 42, 43, 67, 70, 71, 78, 79, 121, 137, 138, 143	JUN 22, 63	P	AN 7WDX-40-306	JAN 13, 64
E	REV SHT 144	JUN 22, 63	RC	REV 2 RET SH 192	JAN 13, 64
F	AN 7WDX-40-182	AUG 26, 63	P	REV SH 193	JAN 13, 64
F	REV SH 13, 14, 23, 23	AUG 27, 63	S	AN 7WDX-40-310	FEB 4, 64
G	REV SH 15, 24, 69, 70, 73, 84, 105, 124, 125, 126, 127, 152	AUG 27, 63	R	RETRACED SH 52	FEB 11, 64
H	REV SH 153, ADD 158, 1	AUG 27, 63	VM	56, 158, 160, 162	JAN 13, 64
I	AN 6CCH-40-007	AUG 27, 63	VM	169, 169, 170, 171	JAN 13, 64
J	REV SHEET 44, 147	AUG 27, 63	S	RECORD CHG.	JAN 13, 64
K	AN 6CCH-40-007	AUG 27, 63	S	REV SH 12, 13, 61, 140	JAN 13, 64
L	REV SHEET 179, 279	AUG 27, 63	RC	AN 7WDX-40-257	MAR 24, 64
M	WDX-40-259	AUG 27, 63	T	REV SH 6, 10, 152	JAN 13, 64
N	REV SH 13, 14, 21, 22	DEC 9, 63	RC	15, 157, 125, 121	MAR 26, 64
O	AN 6CCH-40-275	DEC 12, 63	RC	AN 7WDX-40-304	JAN 13, 64
P	REV SH 144, 168, 71	DEC 12, 63	RC	REV SH 143	JAN 13, 64
Q	AN 6CCH-40-264	DEC 12, 63	RC	AN 6CCH-40-316	JAN 13, 64
R	AN 6CCH-40-264	DEC 12, 63	RC	REV SH 166	JAN 13, 64
S	AN 6CCH-40-264	DEC 12, 63	RC	AN 6CCH-40-321	JAN 13, 64
T	AN 6CCH-40-264	DEC 12, 63	RC	REV SH 112, 121	JAN 13, 64
U	AN 6CCH-40-264	DEC 12, 63	RC	AN 6CCH-40-322	JAN 13, 64
V	AN 6CCH-40-264	DEC 12, 63	RC	REV SHEET 143	JAN 13, 64
W	AN 6CCH-40-264	DEC 12, 63	RC	REV SHEET 143	JAN 13, 64
X	AN 6CCH-40-264	DEC 12, 63	RC	REV SHEET 143	JAN 13, 64
Y	AN 6CCH-40-264	DEC 12, 63	RC	REV SHEET 143	JAN 13, 64
Z	AN 6CCH-40-264	DEC 12, 63	RC	REV SHEET 143	JAN 13, 64

REVISION STATUS

REV.	RECORD OF CHANGE	REV. DATE & NAME	REV.	RECORD OF CHANGE	REV. DATE & NAME
Y	REV SH 93, 97	JUN 12, 63			
Z	120, 121, 122, 123, 124, 170, 171, 172, 173	JUN 12, 63			
AA	AN 6CCH-40-341	JUN 12, 63			
AB	REV SH 146	JUN 12, 63			
AC	AN 6CCH-40-352	JUN 12, 63			
AD	REV SH 164	JUN 12, 63			
AE	AN 6CCH-40-362	JUN 12, 63			
AF	REV SH 67, 102	JUN 12, 63			
AG	REV SH 142	JUN 12, 63			
AH	AN 6CCH-40-376	JUN 12, 63			
AI	REV SH 17, 109, 111	JUN 12, 63			
AJ	AN 6CCH-40-378	JUN 12, 63			
AK	REV SH 111, 112, 158	JUN 12, 63			
AL	AN 6CCH-40-402	JUN 12, 63			
AM	REV SH 6, 17, 22, 32	JUN 12, 63			
AN	93, 102, 105, 136, 138	JUN 12, 63			
AO	140, 1167	JUN 12, 63			
AP	AN 6CCH-40-476	JUN 12, 63			
AQ	REV SH 27, 160	JUN 12, 63			
AR	AN 6CCH-40-479	JUN 12, 63			
AS	REV SH 161, 21	JUN 12, 63			
AT	AN 6CCH-40-497	JUN 12, 63			
AU	REV SHEET 121	JUN 12, 63			
AV	AN 6CCH-40-496	JUN 12, 63			

REDUCED SIZE  
PRINT  
DO NOT SCALE

REVISIONS	PRINTS TO
	K=17
	M

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING—

APPLIED PRACTICES	SURFACES	TOLERANCES ON DIMENSIONS UNLESS OTHERWISE SPECIFIED		
		FINISHES	ANGLES	PLACES
✓				

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REDUCED SIZE  
PRINT  
DO NOT SCALE

REVISED	PRINTS TO
	KB-17 S/EP

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING —

APPLIED PRACTICES	SURFACES	TOLERANCES ON DIMENSIONS UNLESS OTHERWISE SPECIFIED		
	✓	FRACTIONS	DECIMALS	ANGLES
		±	±	±

TITLE  
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FUNCTIONAL DESIGNATION

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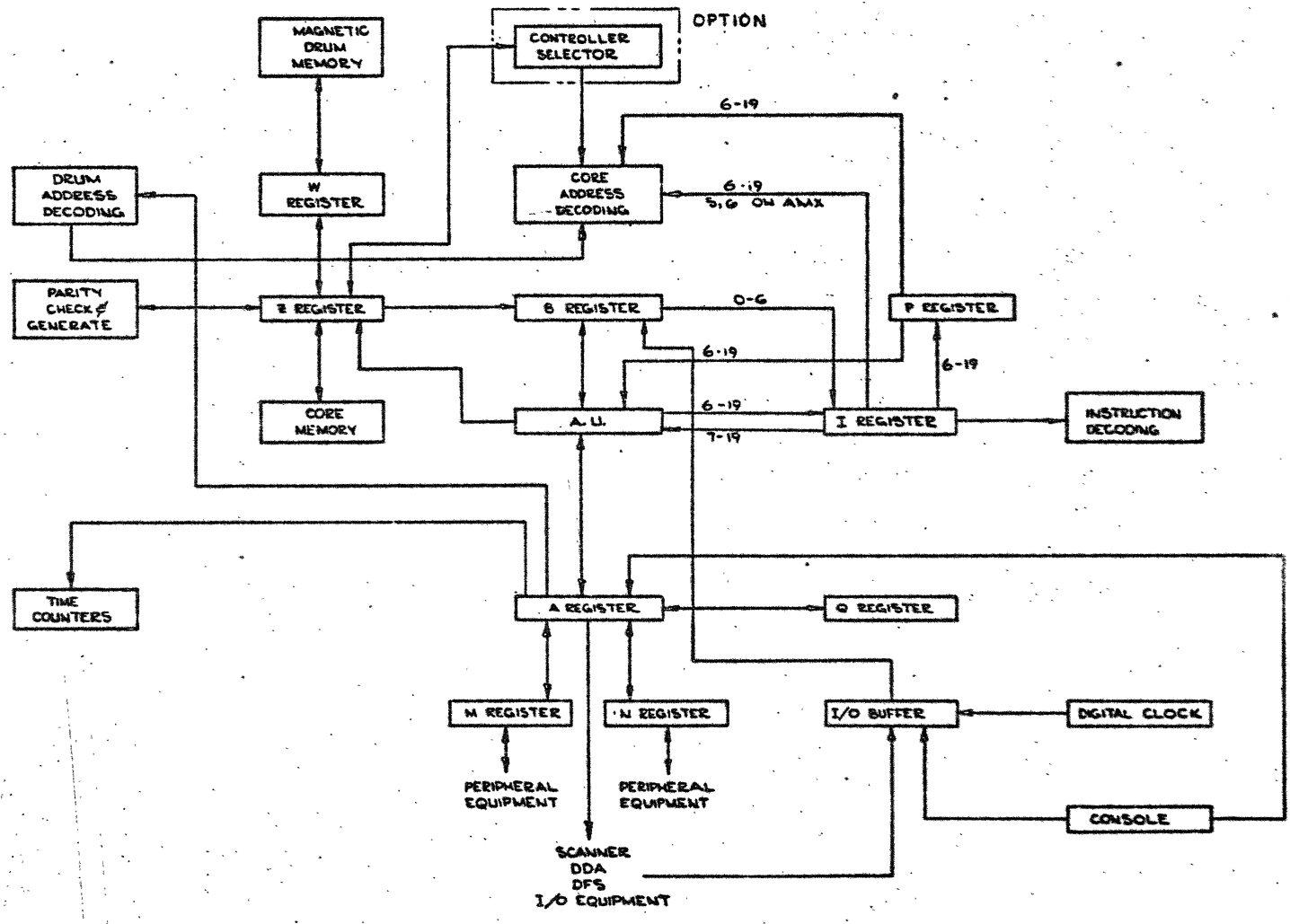
REDUCED SIZE  
 PRINT  
 DO NOT SCALE

REVISION	PRINTS TO
1 4-17-62	KB-17 5/62

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING -

APPLIED PRACTICES	SURFACES	TOLERANCES ON DIMENSIONS	FINISHES	SECURITIES	POLETS
	✓	:	:	:	

TITLE INFORMATION FLOW  
412 BLOCK DIAGRAM  
FIRST MADE FOR



REDUCED SIZE  
PRINT  
DO NOT SCALE

REVISIONS	PRINTS TO
1	KB-17 5/RP

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING

APPLIED PRACTICES	SURFACES	TOLERANCES ON DIMENSIONS
✓	:	:

TITLE LOGIC INSTRUCTION FORMATS  
FIRST MADE FOR

A  
B  
C  
D  
E

S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
COMMAND				X BITS			SUB-COMMANDS						ADDRESSES							
INPUT/OUTPUT (COMPUTER TIMING)	1	0	1	0	1	X	X	0	0		CONTROLLER SELECTOR			C.S. ADDRESS			C.S. ADDRESS			D <sub>0-37</sub>
WORD MOVEMENT	1	0	1	0	1	X	X	0	1		AU → B			B → B	CHS	ADD ONE	A → AU	A → Q	AU → A	Q → A
EXTERNAL EFFECT (F <sub>2</sub> TIMING)	1	0	1	0	1	X	X	1	0				I <sub>0</sub>	EXE → A						D <sub>0-37</sub>
BRANCH COMMANDS	1	0	1	0	1	X	X	1	1		TRUE/FALSE	CONTROLLER SELECTOR		C.S. ADDRESS			C.S. ADDRESS			D <sub>0-37</sub>
SHIFT RIGHT	1	0	1	0	0	X	X	0		N <sub>7</sub> → A <sub>1</sub>	M <sub>7</sub> → A <sub>1</sub>	Q <sub>19</sub> → A <sub>1</sub>	A <sub>19</sub> → N <sub>1</sub>	A <sub>19</sub> → M <sub>1</sub>	A <sub>19</sub> → Q <sub>1</sub>	A <sub>19</sub> → A <sub>1</sub>				K
SHIFT LEFT	1	0	1	0	0	X	X	1		Q <sub>1</sub> → A			A <sub>0</sub> → A	A <sub>1</sub> → A	NORMALIZE					K
AMI	OP	CODE			X	X	ADDRESS													
INX, BXH, BXL	OP	CODE			X	X	K													
JMP, SPJ	1	1	1	1	0	UNCONDITIONAL BRANCH - 14 BIT ADDRESS														
					1	STORE P IN X <sub>2</sub> AND BRANCH - 14 BIT ADDRESS														

REDUCED SIZE  
PRINT  
DO NOT SCALE

REVISIONS	PRINTS TO
	KB-17 5/6P



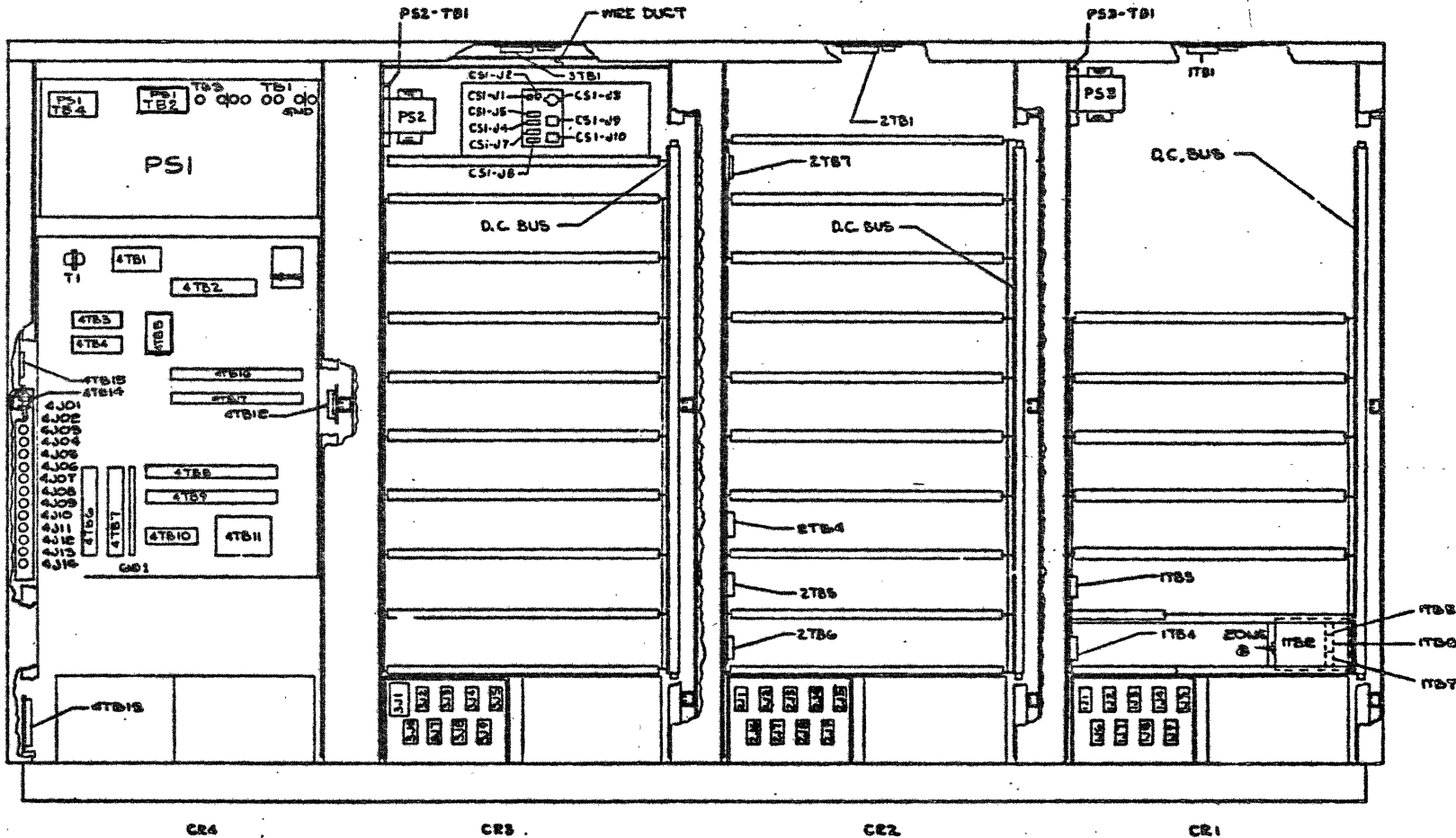




UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING—

APPLIED PRACTICES	SURFACES	TOLERANCES ON MACHINED DIMENSIONS		
		FRACTIONS	DECIMALS	ANGLES
✓		±	±	±

TITLE LOCATION  
**CONNECTOR & TERM. BOARD**  
 FIRST MADE FOR C412A1  
 FCF 4WC412A1



REAR VIEW

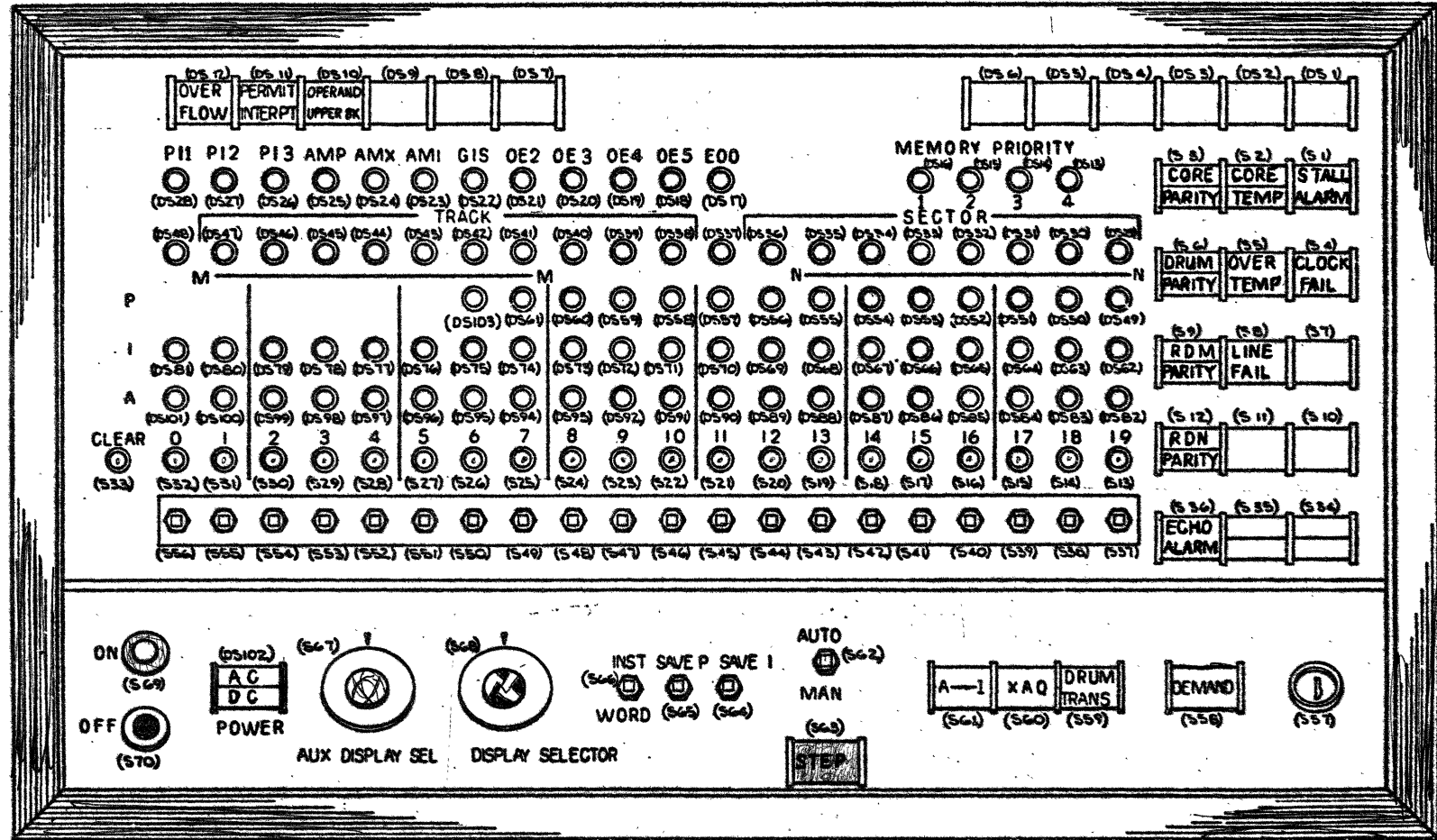
REDUCED SIZE  
 PRINT  
 DO NOT SCALE

REVISIONS	PRINTS TO
	KB-IT S/FP

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING—

APPLIED PRACTICES	SURFACES	TOLERANCES UNLESS OTHERWISE SPECIFIED		
	✓	FRACTIONS	DECIMALS	ANGLES
		:	:	:

TITLE LOGIC  
**COMPUTER CONSOLE**  
 FIRST MADE FOR



REDUCED SIZE  
 PRINT  
 DO NOT SCALE

REVISIONS	PRINTS TO
	KG-17 8/57

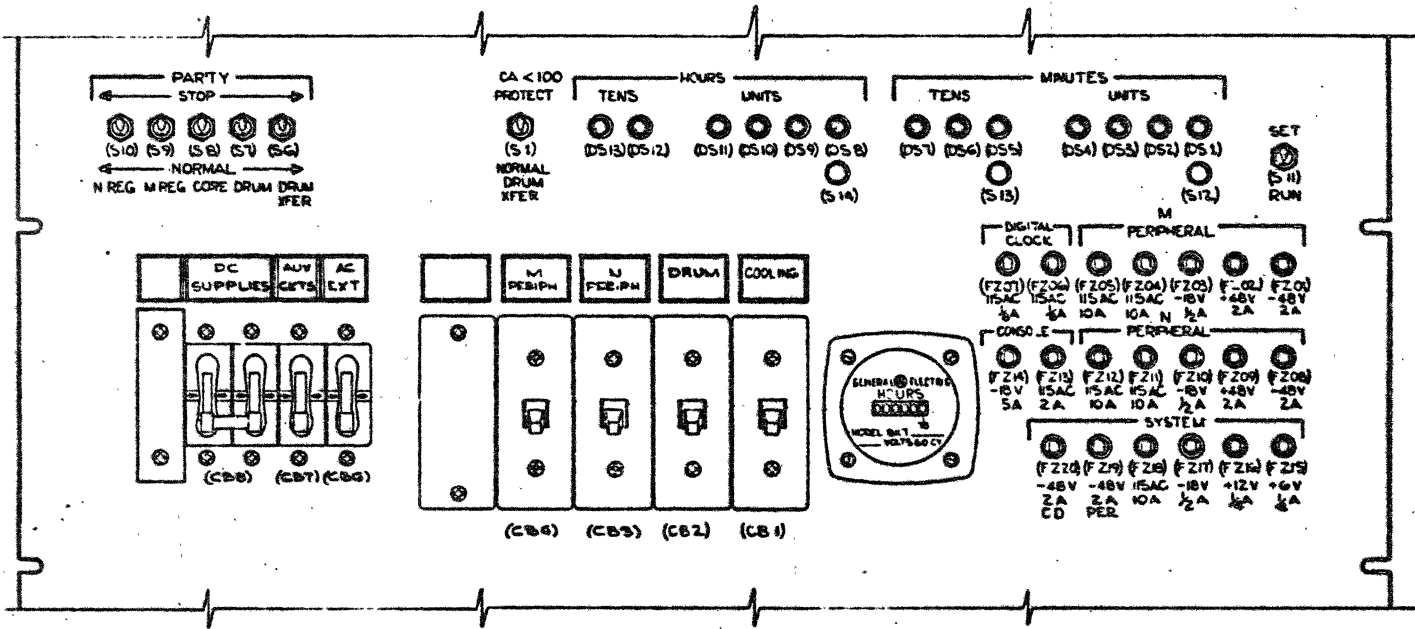
Vertical Basis FEB. 27, 63  
 4-18-63

JCESS COMPUTER  
 PHOENIX LOCATION  
 43C979000  
 10 -- 9

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING —

APPLIED PRACTICES	SURFACES	FRACTIONS	DECIMALS	ANGLES
	✓	±	±	±

TITLE: CR4 INDICATOR & CONTROL PANEL  
 FIRST MADE FOR:

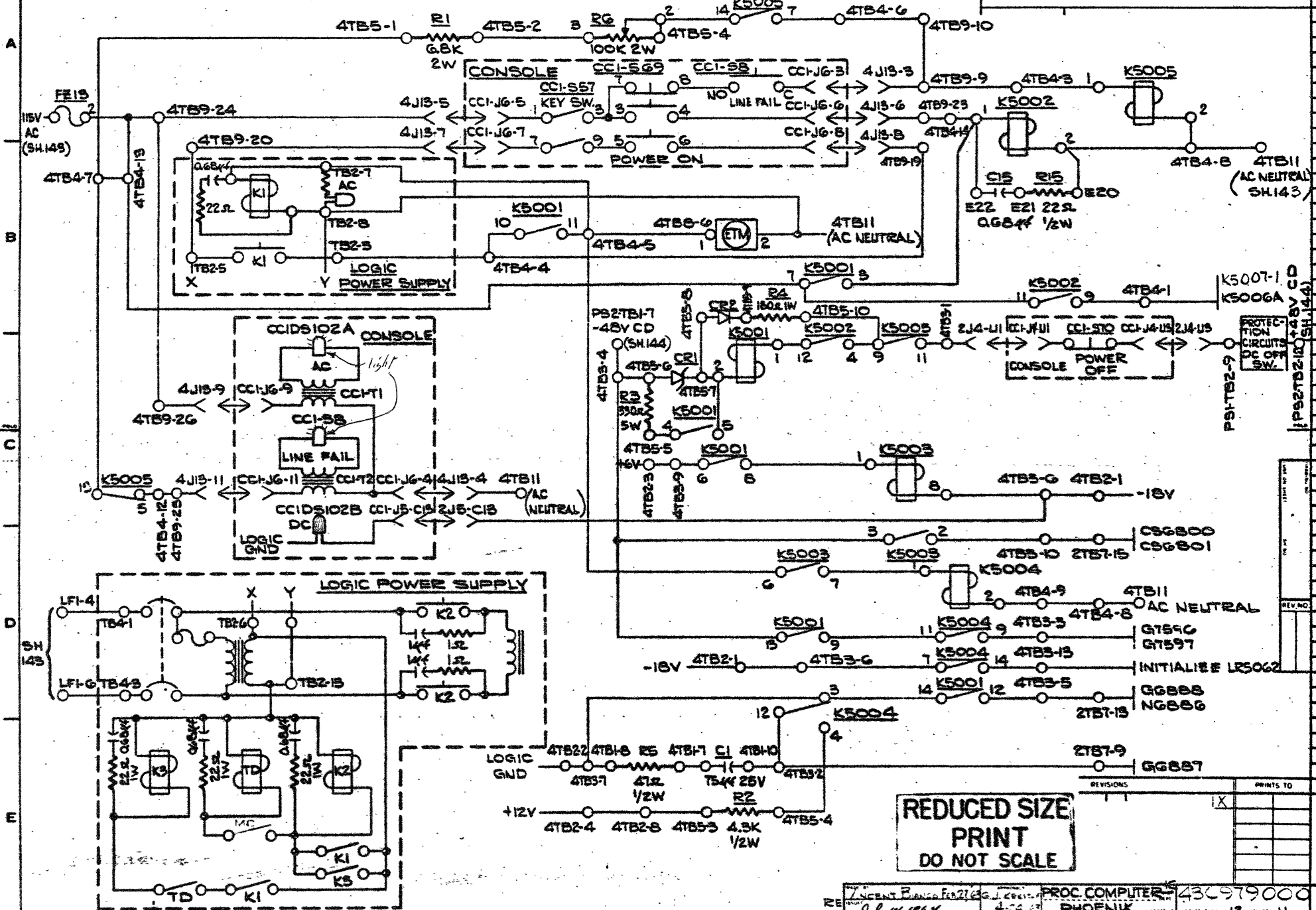


REDUCED SIZE  
 PRINT  
 DO NOT SCALE

REVISIONS	PRINTS TO
	KB-17 S/EP

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING			
APPLIED PRACTICES	SURFACES	TOLERANCES IN MACHINE DIMENSIONS	FINISHES
	✓	FRACTIONS	DECIMALS
		INCHES	MILLI

TITLE LOGIC  
**VOLTAGE SEQUENCER**  
 FIRST MADE FOR 5000

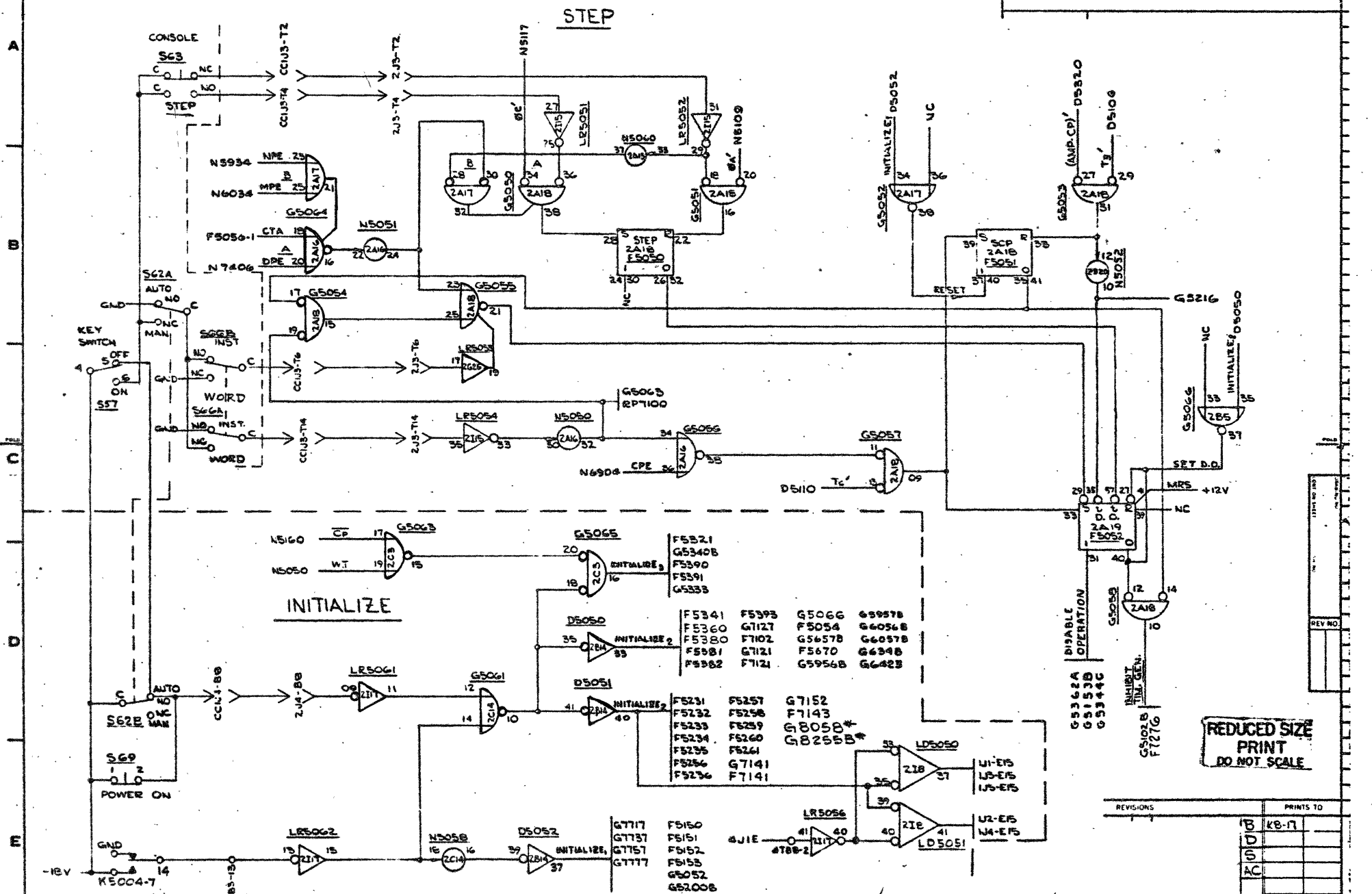


**REDUCED SIZE  
 PRINT  
 DO NOT SCALE**

REVISIONS	PRINTS TO

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING:

APPLIED PRACTICES	SURFACES	FUNCTIONS	SYMBOLS	UNITS
✓				



\* NOTE: WIRING PRESENT ONLY IF CONTROLLER SELECTOR IS USED.

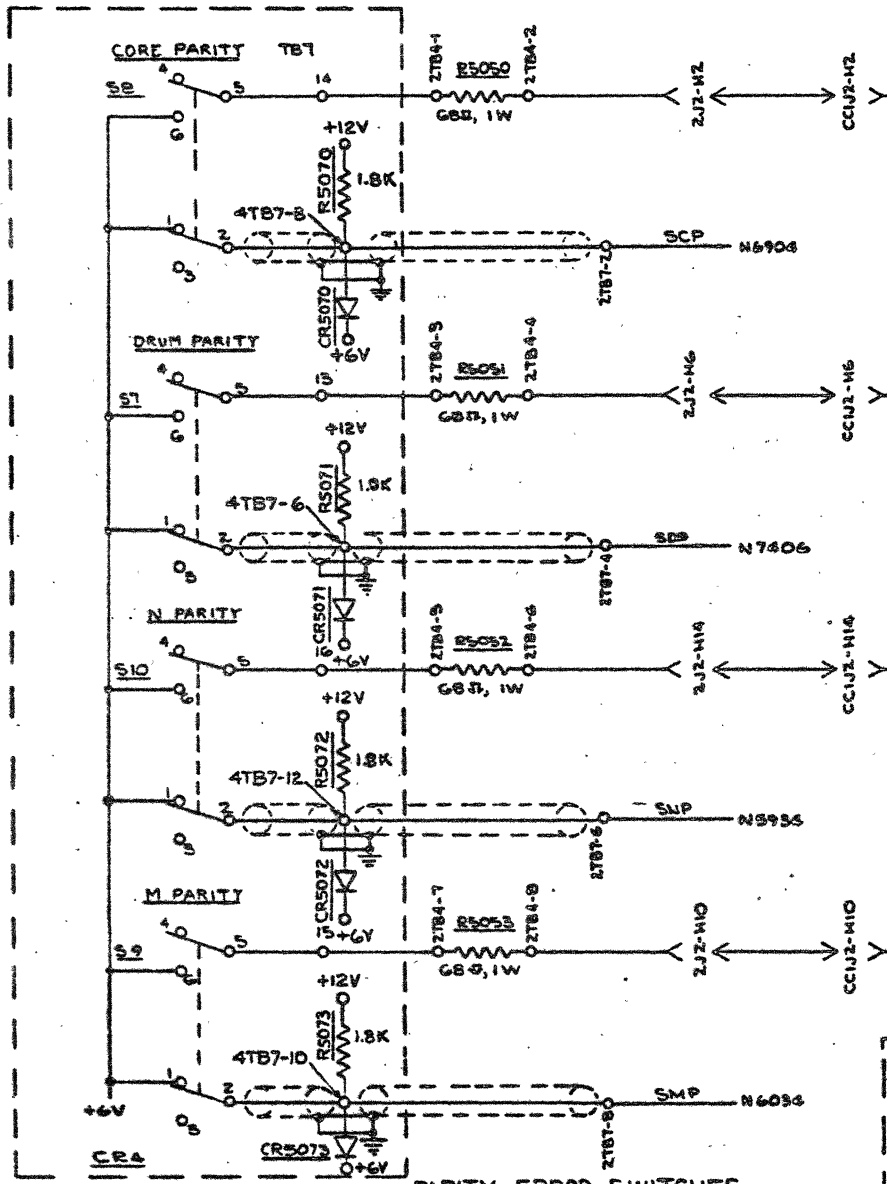
REDUCED SIZE PRINT  
 DO NOT SCALE

REVISIONS	PRINTS TO
B	K8-17
D	
S	
AC	

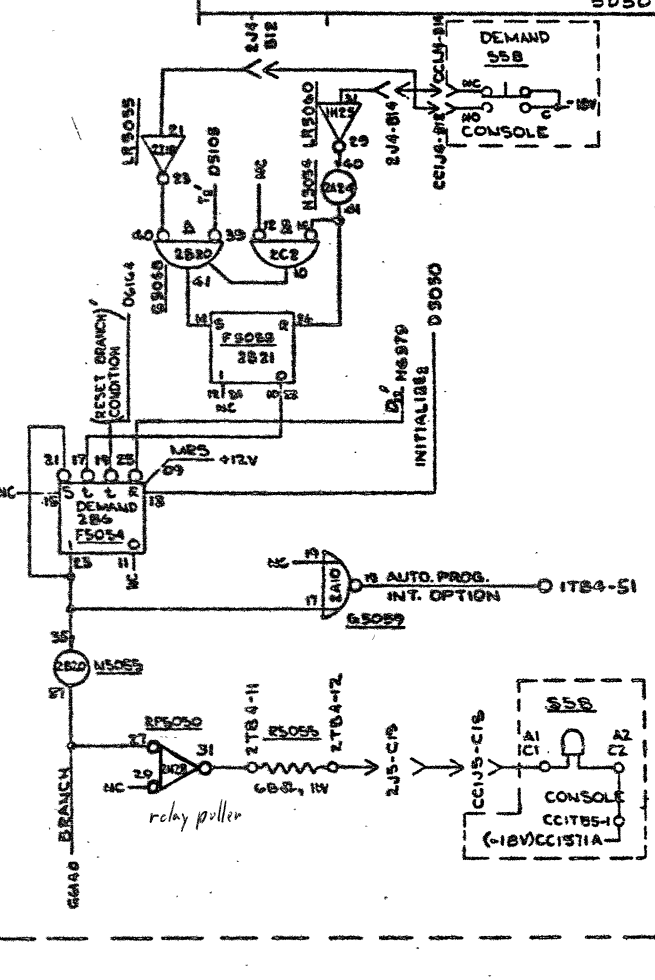
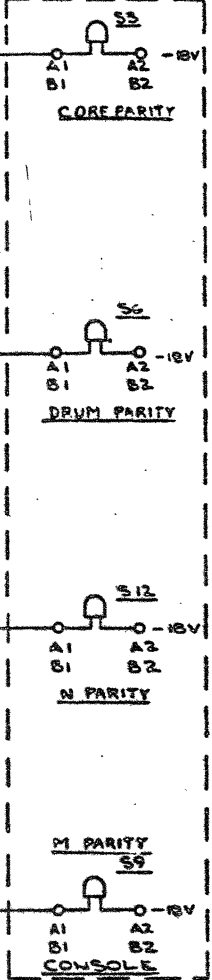
TITLE LOGIC, DEMAND & PARITY ERROR

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING - APPLIED PRACTICES SURFACES

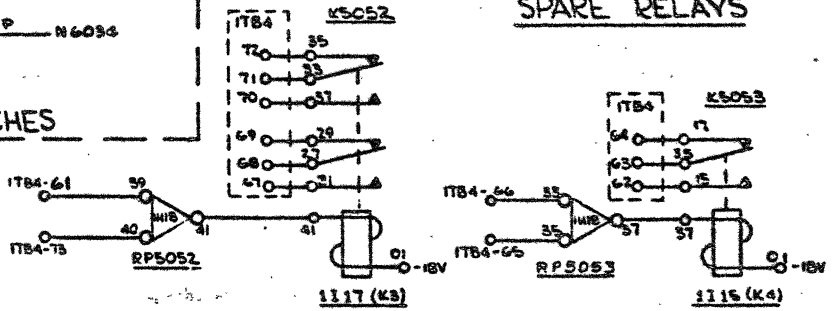
FIRST MADE FOR 5050



PARITY ERROR SWITCHES



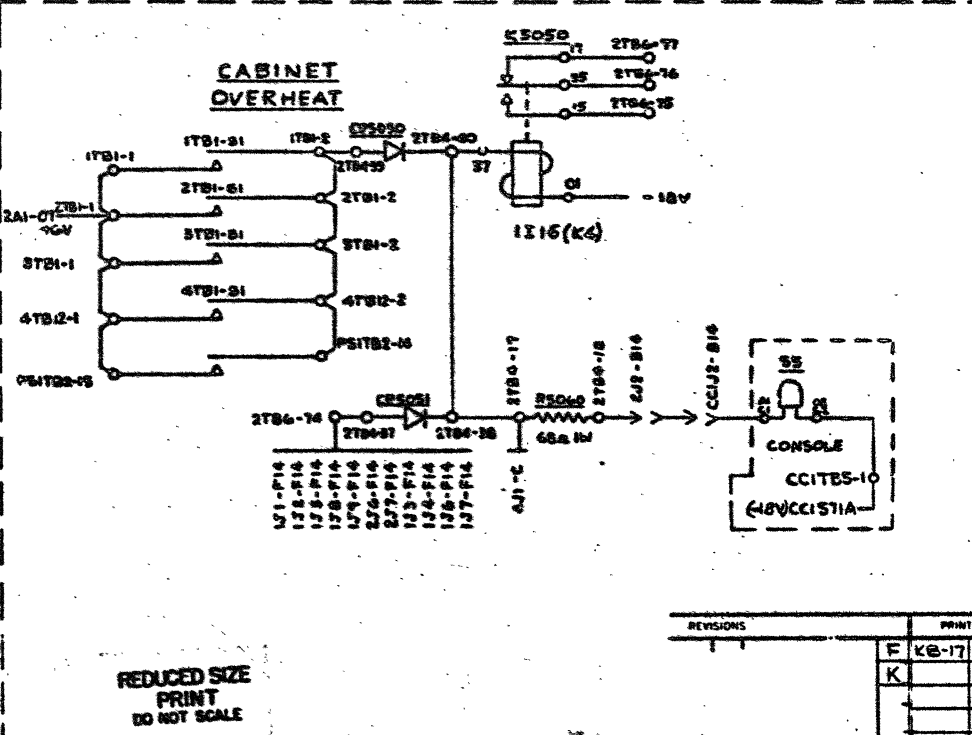
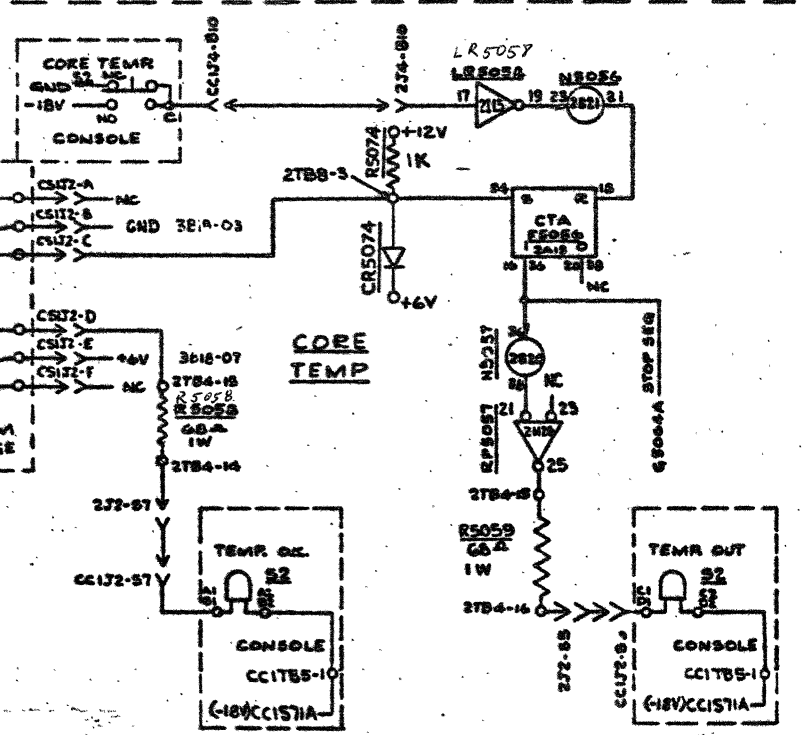
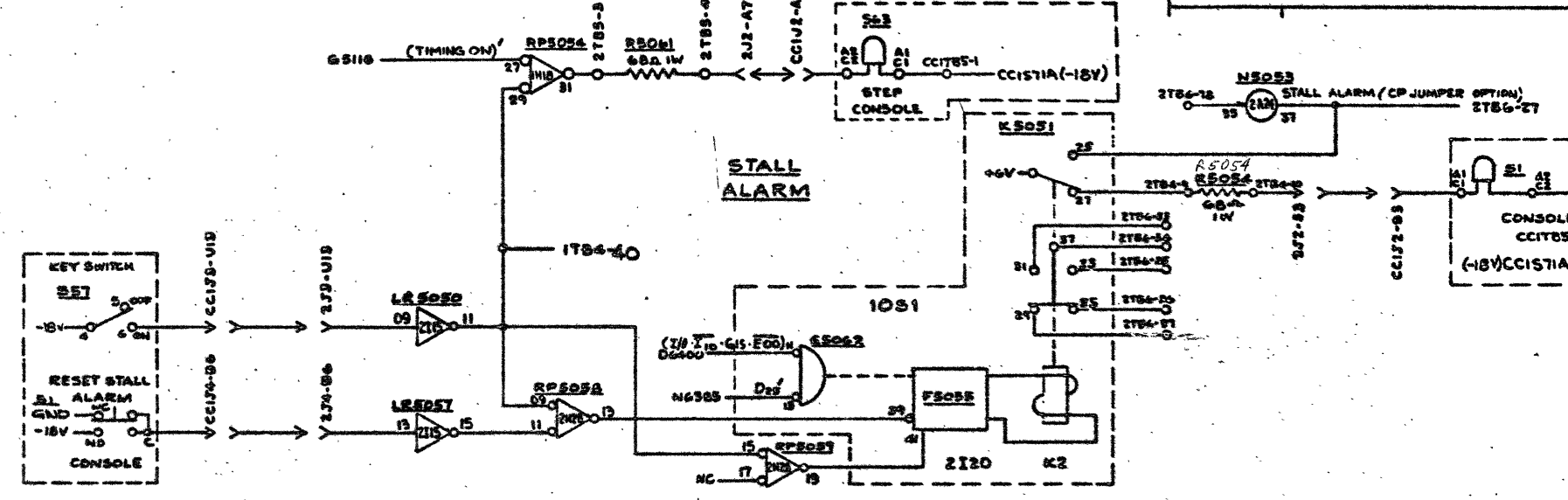
SPARE RELAYS



REDUCED SIZE PRINT DO NOT SCALE

REVISIONS	PRINTS TO
1.1	F KB-11 S/RP
	K

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING —  
 APPLIED PRACTICES SURFACES NO TOLERANCES OR DIMENSIONS SPECIFIED FINISHES SMALL



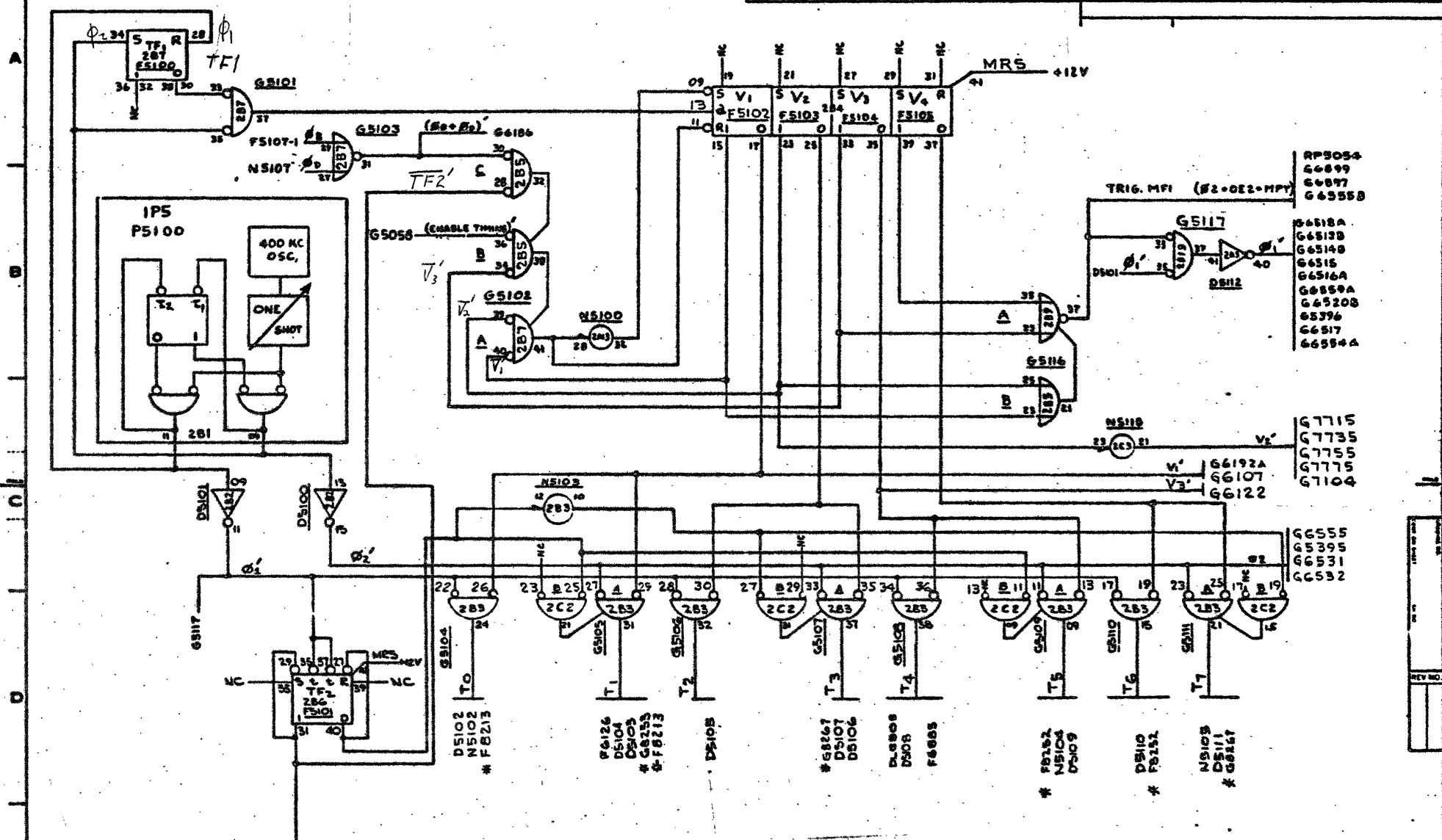
REDUCED SIZE PRINT  
 DO NOT SCALE

REVISIONS	PRINTS TO
	E KB-17 S/RP
	K

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING -

APPLIED PRACTICES	SURFACES	TOLERANCES ON DIMENSIONS
✓	✓	✓

TITLE LOGIC,  
TIMING GENERATION  
FIRST MADE FOR 5100



- RP5054
- 64899
- 64897
- 64558
- G6518A
- G6513B
- G6514B
- G6515
- G6516A
- G6559A
- G6520B
- 65396
- 66917
- 66594A
- G7715
- G7735
- G7755
- G7775
- G7104
- G66005
- G66005
- G66005
- G66531
- G6592

\* NOTE: WIRING PRESENT ONLY IF CONTROLLER SELECTOR IS USED.

REDUCED SIZE PRINT  
DO NOT SCALE

REVISIONS	PRINTS TO
	KB-11 5/RP



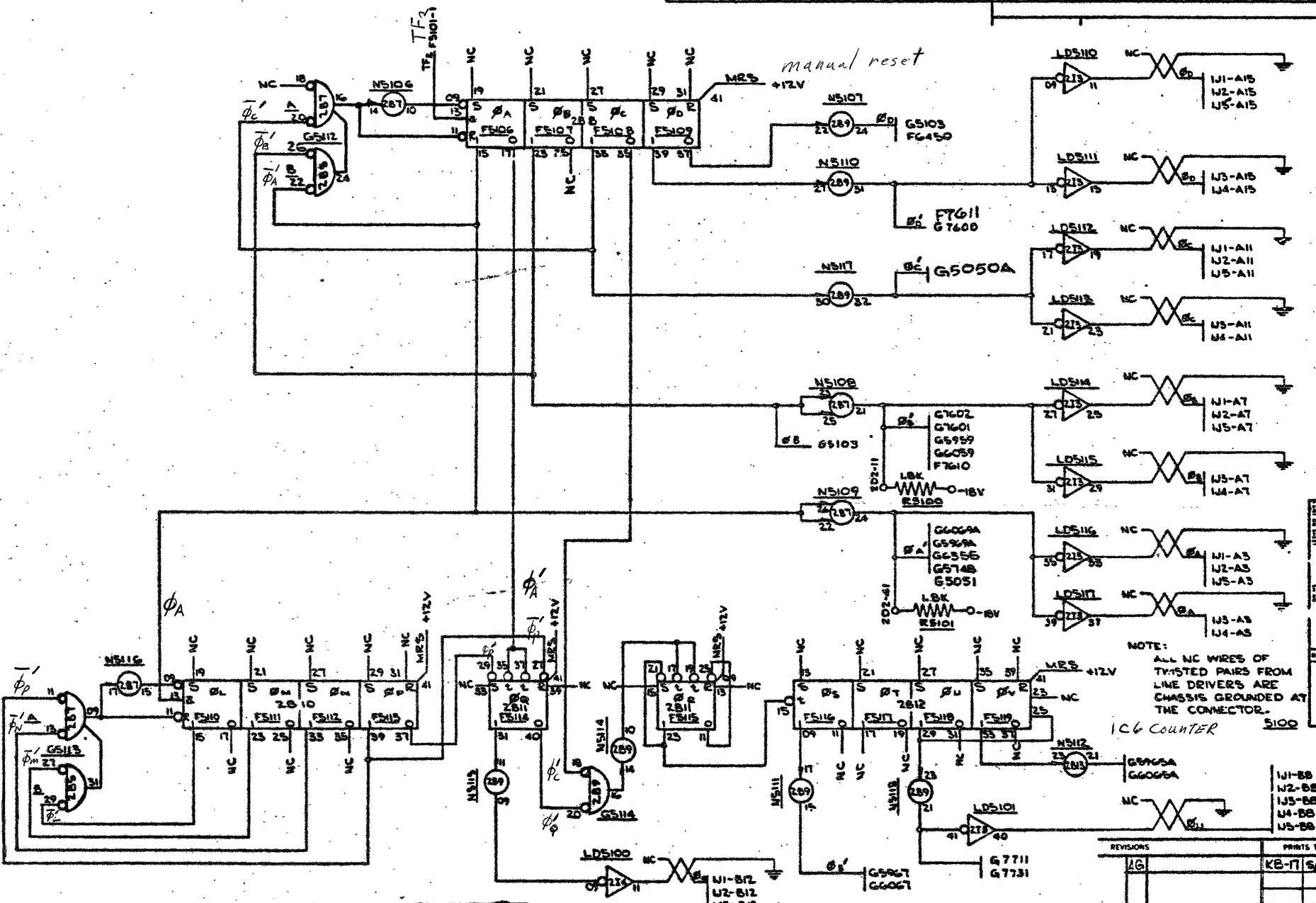
UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING —

APPLIED PRACTICES	SURFACES	TOLERANCES UNLESS OTHERWISE SPECIFIED	FUNCTIONS	TERMINALS	ANALOG
	✓	±	±	±	±

TITLE LOGIC,  
TIMING GENERATION

FIRST MADE FOR 5100

A  
B  
C  
D  
E



NOTE:  
ALL NC WIRES OF  
TWISTED PAIRS FROM  
LINE DRIVERS ARE  
CHASSIS GROUNDED AT  
THE CONNECTOR.

IC6 COUNTER

REDUCED SIZE  
PRINT  
DO NOT SCALE

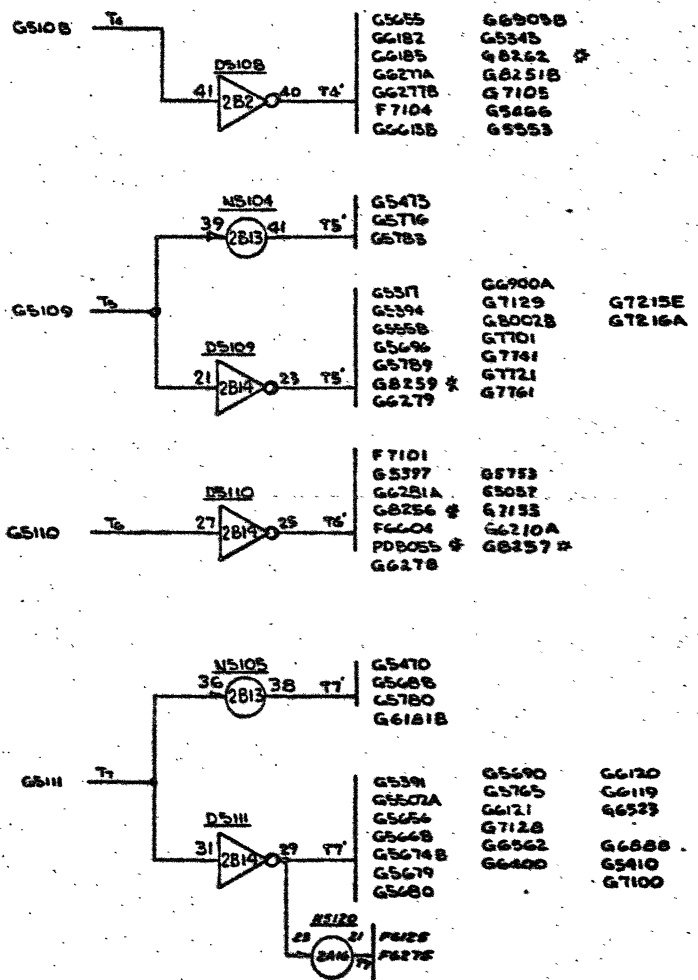
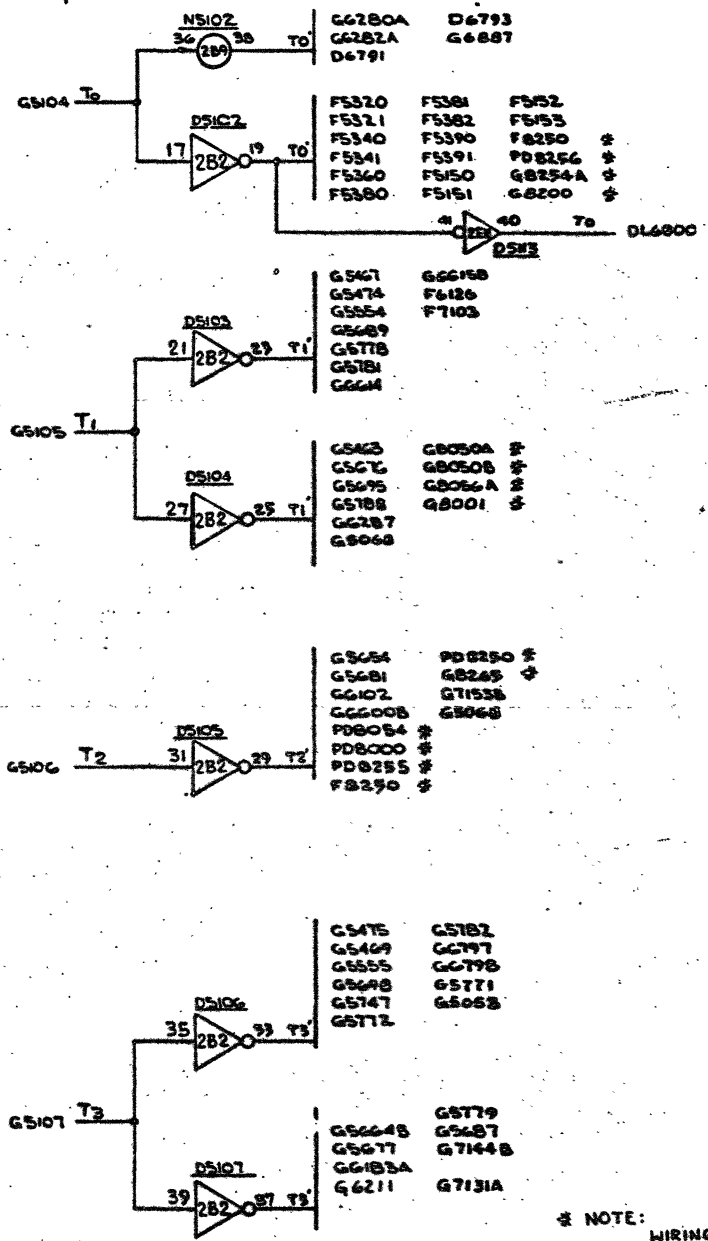
REVISIONS		PRINTS TO
16		KB-17 S/M/P

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING --

APPLIED PRACTICES	SURFACES	TOLERANCES UNLESS OTHERWISE SPECIFIED
	✓	:
		:
		:

TITLE LOGIC,  
TIMING DISTRIBUTION  
FIRST MADE FOR 5100

T Drivers



NOTE: WIRING PRESENT ONLY IF CONTROLLER SELECTOR OPTION IS USED.

REDUCED SIZE  
PRINT  
DO NOT SCALE

REVISIONS	PRINTS TO
	AE/KS-17 S/RP

2

3

4

5

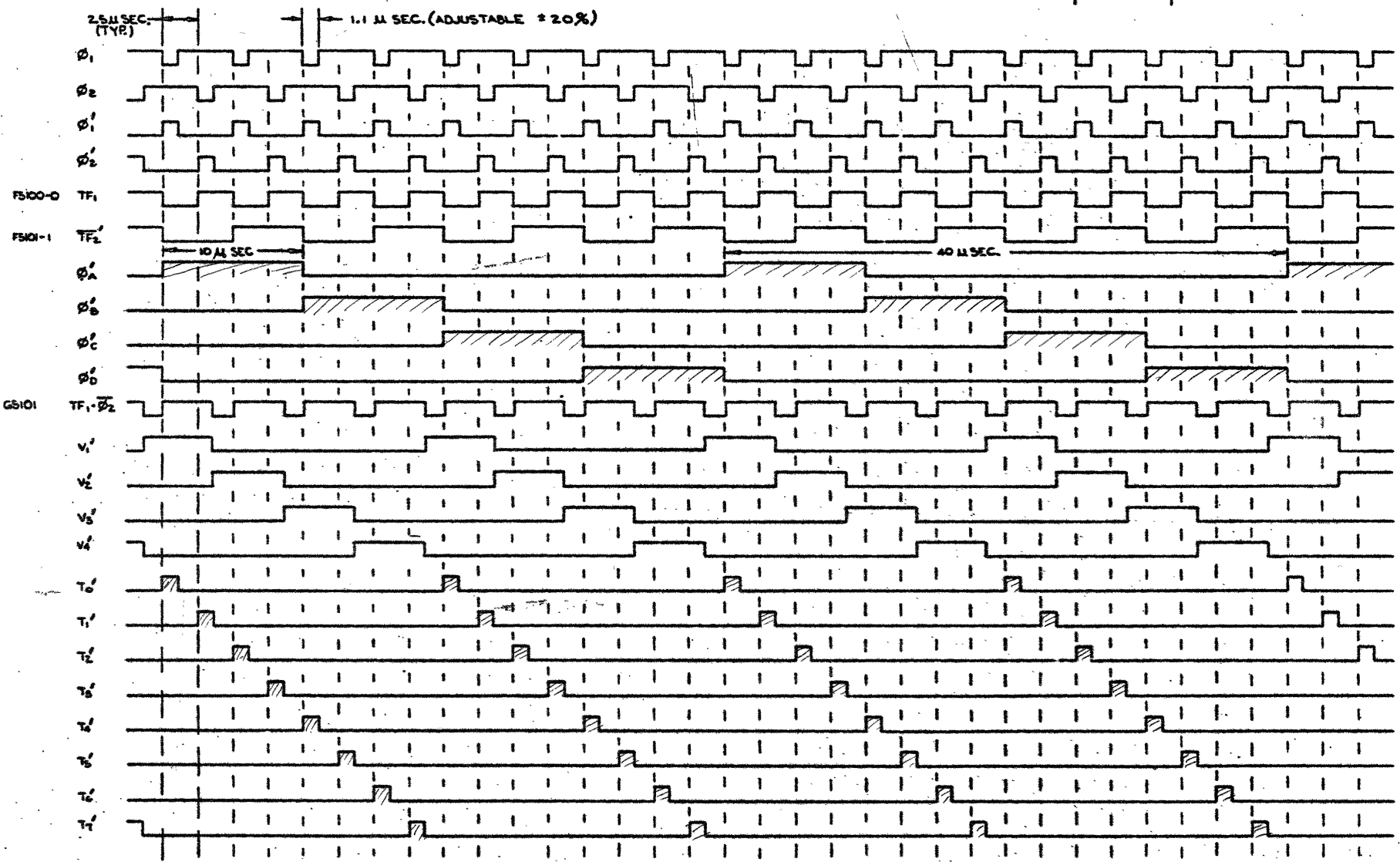
GENERAL ELECTRIC

43C97900  
REV. 19 18

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING -

APPLIED PRACTICES	SURFACES	TOLERANCES UNLESS OTHERWISE SPECIFIED
	✓	:

TITLE LOGIC,  
**COMPUTER TIMING**  
FIRST MADE FOR 5100



REDUCED SIZE  
PRINT  
DO NOT SCALE

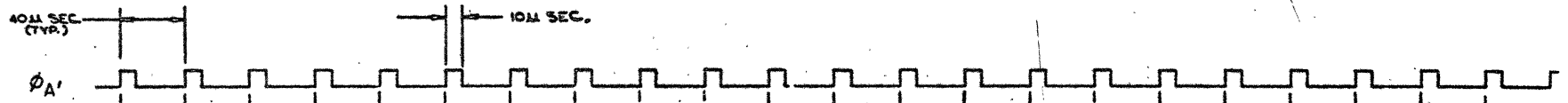
REVISIONS	PRINTS TO
	KB-17 S/WP

PROCESS COMPUTER 43C97900  
PHOENIX  
FEB. 27, 63  
APRIL 30, 1963  
REV. 19 18  
5100

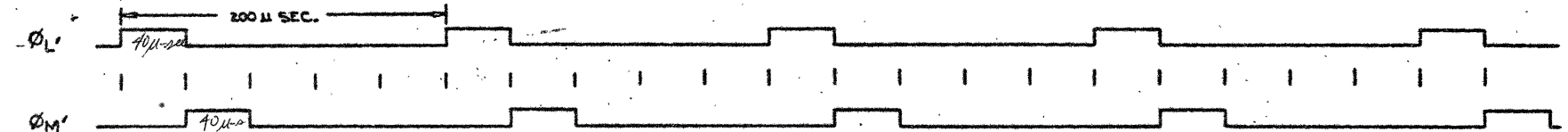
UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING —			
APPLIED PRACTICES	SURFACES	FRACTIONS	DECIMALS
	✓	✓	✓

TITLE LOGIC,  
COMPUTER TIMING  
FIRST MADE FOR 5100

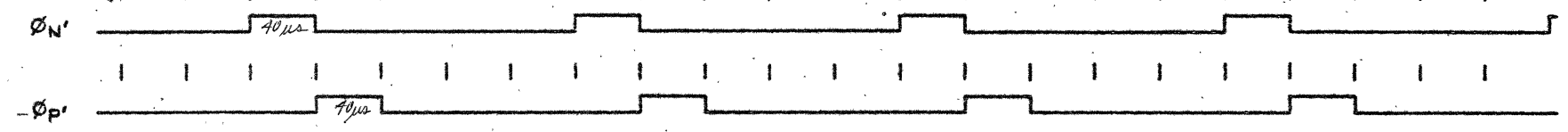
A



B



C



D



$\phi_S', \phi_T', \phi_U', \phi_V'$  - STRAIGHT BINARY COUNTING

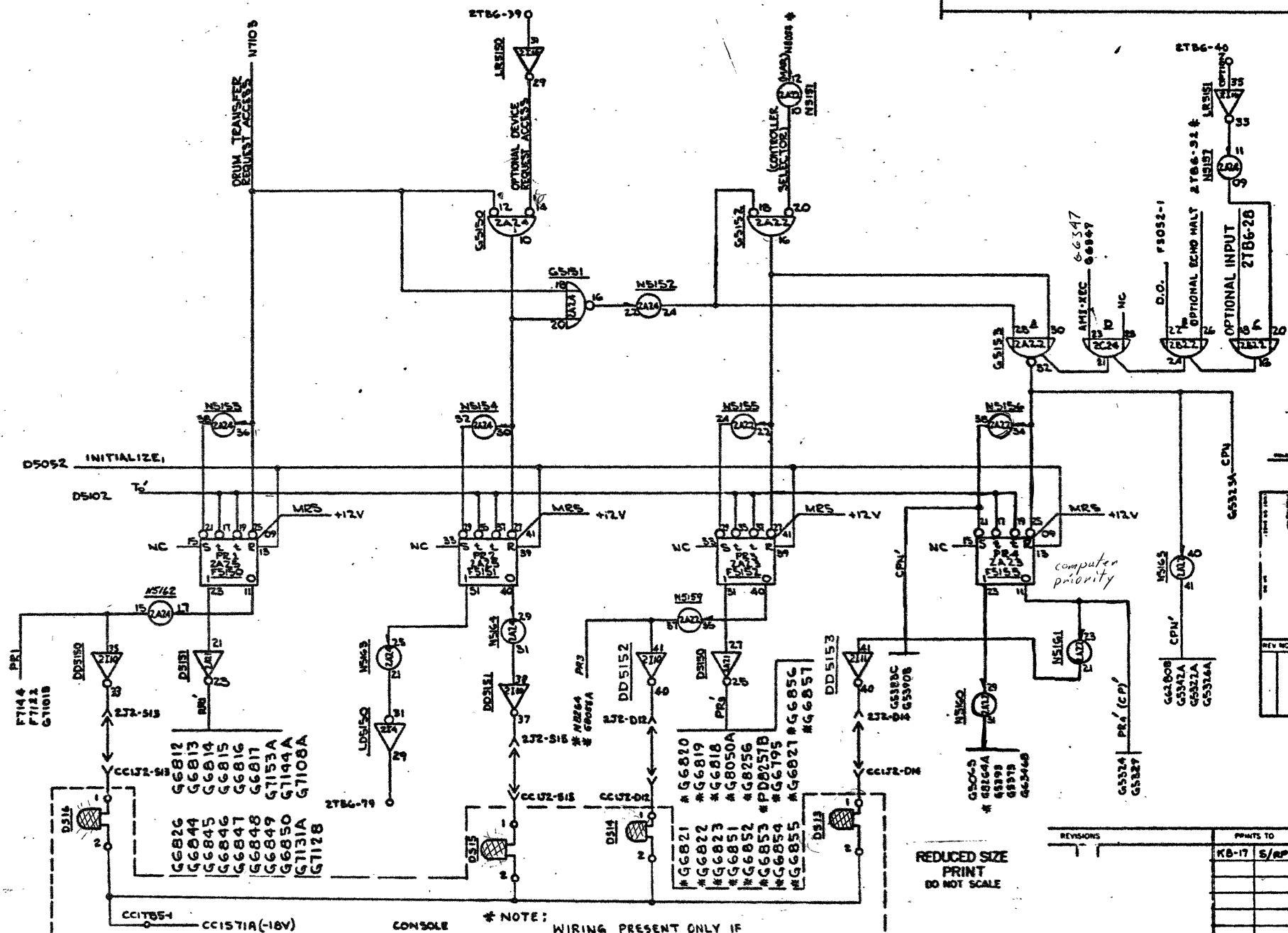
$$\phi_R' = \phi_C' \cdot \phi_Q'$$

*For rep. rate & duration see 5100-4*

REDUCED SIZE  
PRINT  
DO NOT SCALE

REVISIONS	PRINTS TO
	X6-175/RP

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING -			
APPLIED PRACTICES	SURFACES	TOLERANCES ON DIMENSIONS	
✓	✓	FRACTIONAL	DECIMAL
		± .005	± .001



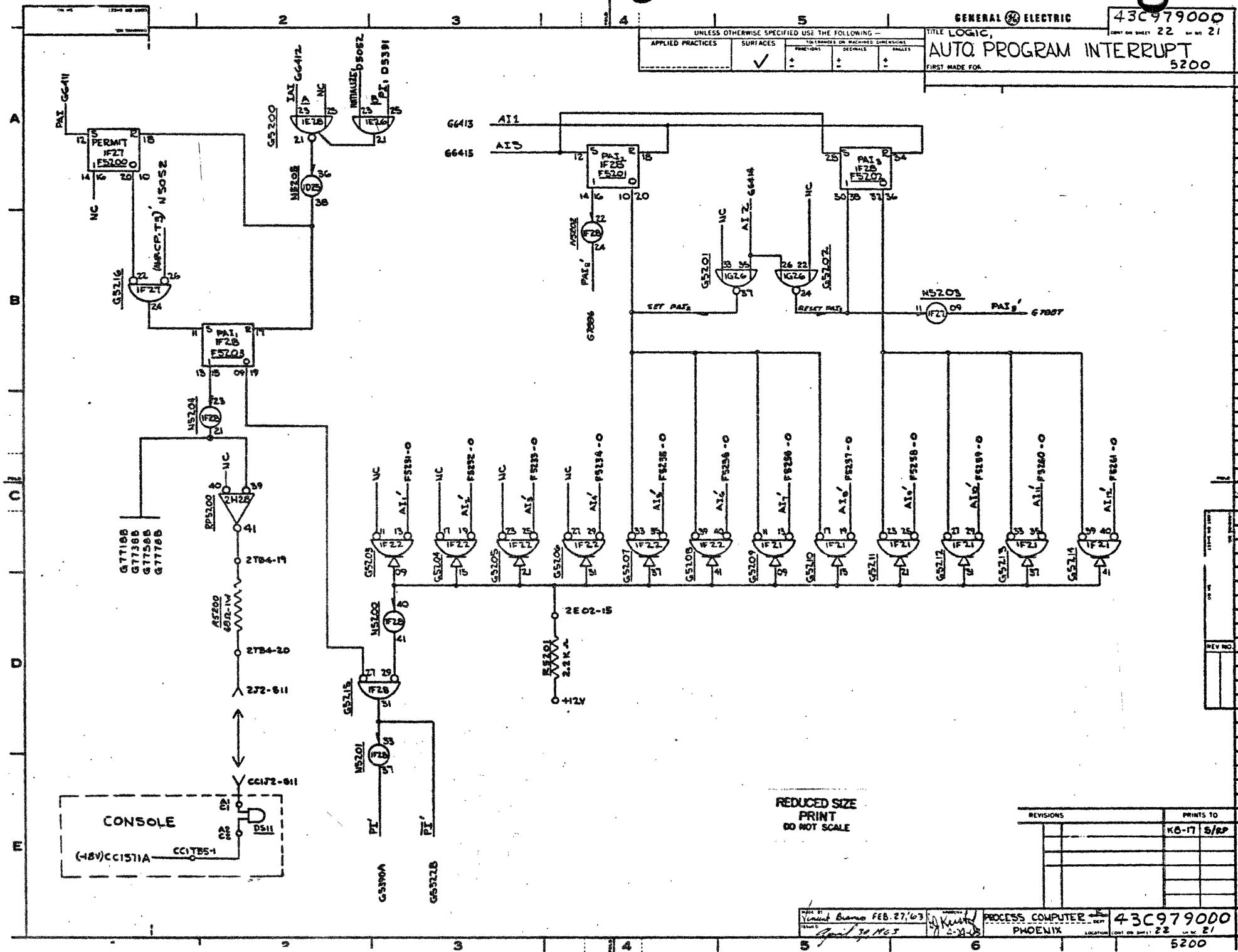
\* NOTE: WIRING PRESENT ONLY IF CONTROLLER SELECTOR OPTION IS USED.

REDUCED SIZE PRINT  
DO NOT SCALE

REVISIONS	PRINTS TO
	KB-17 S/RP

TITLE LOGIC,  
AUTO PROGRAM INTERRUPT  
FIRST MADE FOR 5200

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING -		
APPLIED PRACTICES	SURFACES	TOLERANCES OR MACHINED DIMENSIONS
	✓	FRACTIONS DECIMALS ANGLES



REDUCED SIZE  
PRINT  
DO NOT SCALE

REVISIONS	PRINTS TO
	K6-17 S/RP

DESIGNED BY  
Checked by *Blanco* FEB. 27, '63  
DATE *April 30, 1963*

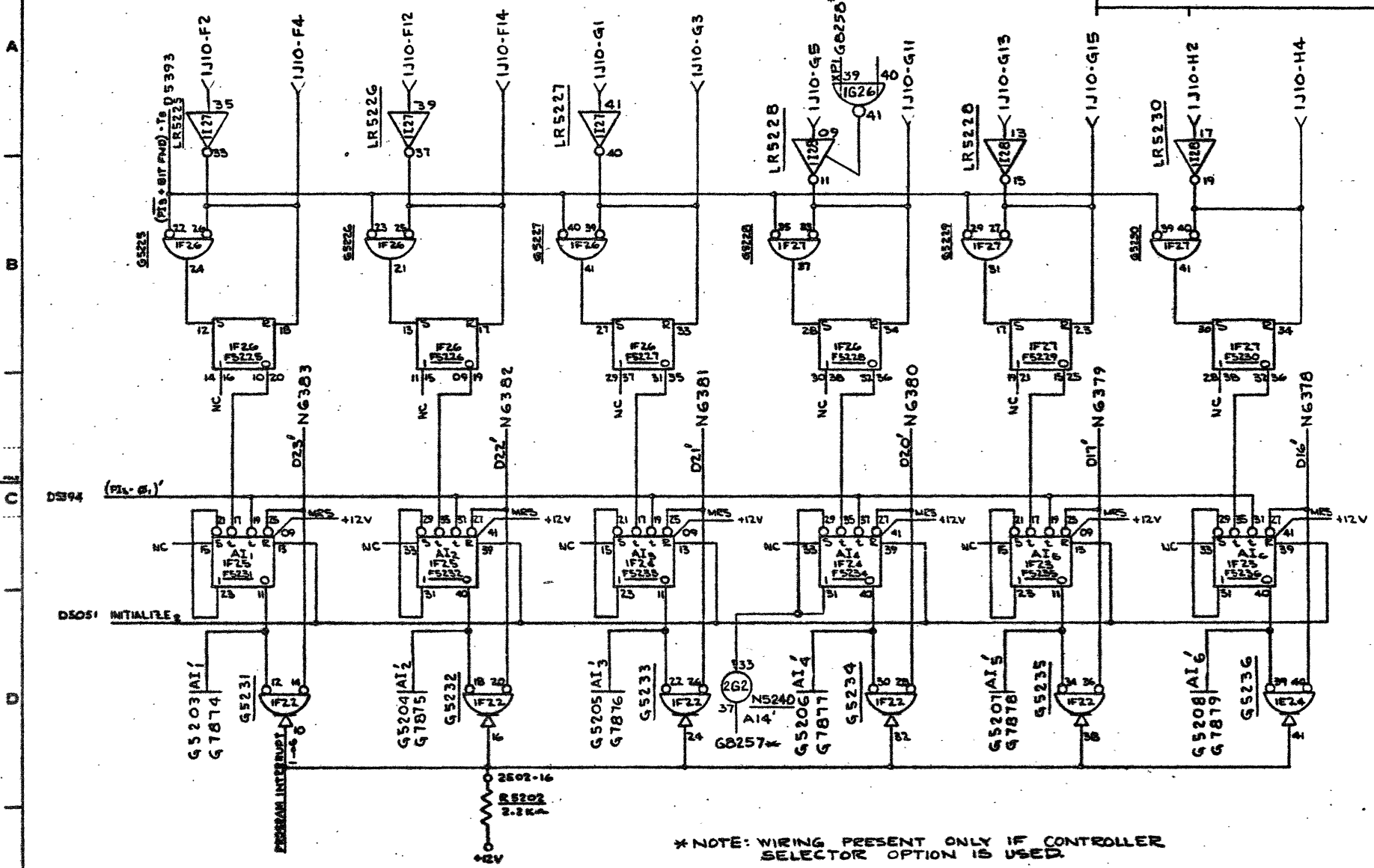
PROCESS COMPUTER  
PHOENIX

43C979000  
CONT. ON SHEET 22 OF 21

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING—

APPLIED PRACTICES	SURFACES	TOLERANCES ON MACHINE DIMENSIONS	FINISHES	DEFAULT	ASSETS
	✓				

TITLE LOGIC,  
**AUTO. PROGRAM INTERRUPT**  
 FIRST MADE FOR 5200



\* NOTE: WIRING PRESENT ONLY IF CONTROLLER SELECTOR OPTION IS USED.

REDUCED SIZE  
 PRINT  
 DO NOT SCALE

REVISIONS	PRINTS TO
	F 48-17 5/RP
	AE

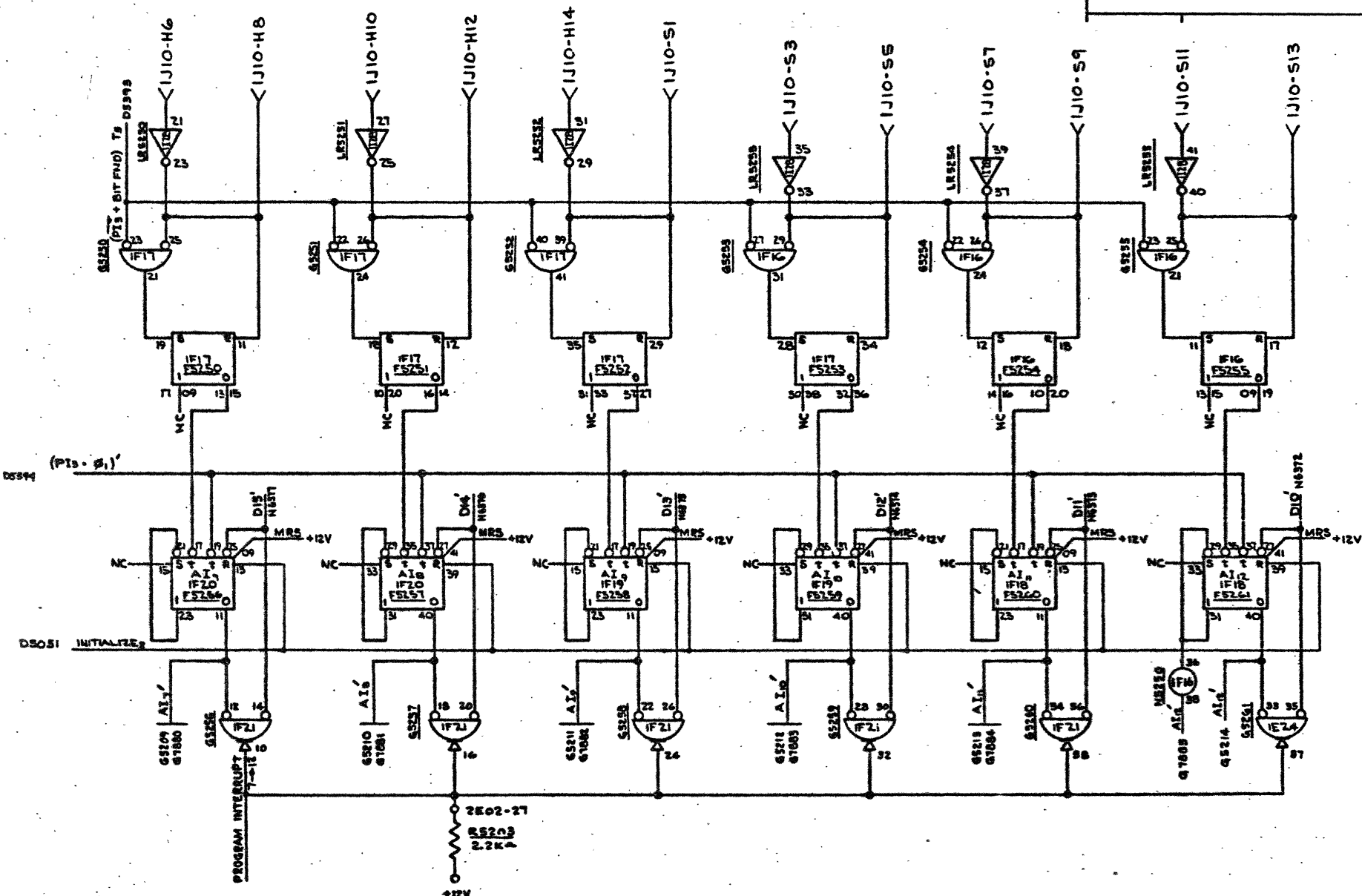
FOR P...  
 Revised Name FEB 27, 63  
 20 1863

PROCESS COMPUTER  
 PHOENIX LOCATION  
 43C979000  
 CONT. ON SHEET 23 OF 22

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING—

APPLIED PRACTICES	SURFACES	TOLERANCES ON MACHINE DIMENSIONS		
		FUNCTION	SACRAL	ANGLE
✓		+	+	-

TITLE LOGIC  
**AUTO. PROGRAM INTERRUPT**  
 FIRST MADE FOR 5200



REDUCED SIZE  
 PRINT  
 DO NOT SCALE

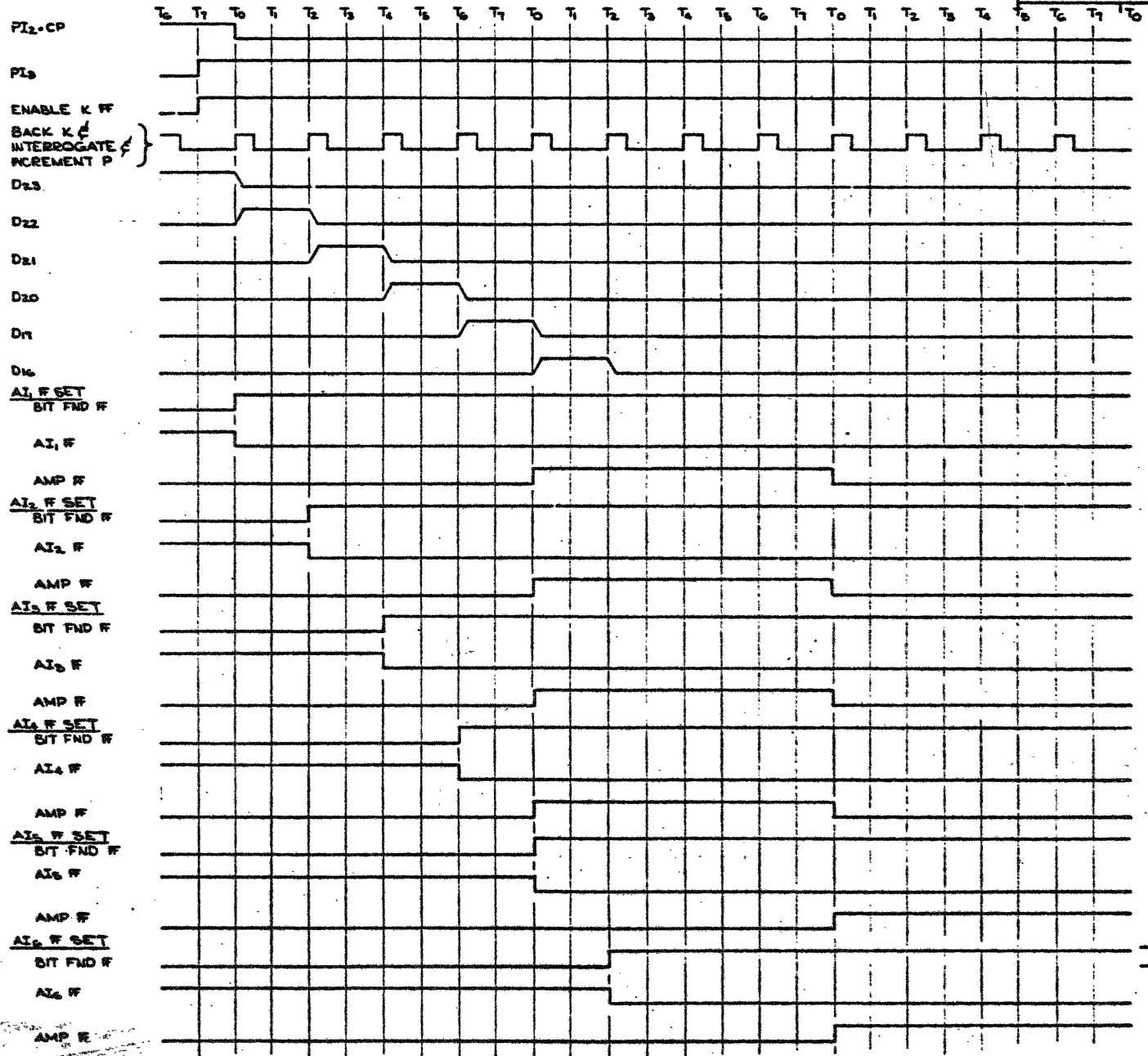
REVISIONS	PRINTS TO
	F KB-17 S/R



UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING				
APPLIED PRACTICES	SURFACES	DIMENSIONS OR FINISHES		
	✓	FRACTIONS	DECIMALS	ANGLES

TITLE  
**AUTO. PROG. INT. TIMING**  
FIRST MADE FOR

A  
B  
C  
D  
E



REDUCED SIZE  
PRINT  
DO NOT SCALE

NOTE:  
AI1 FF - AI12 FF ARE  
INTERROGATED IN A  
SIMILAR MANNER.

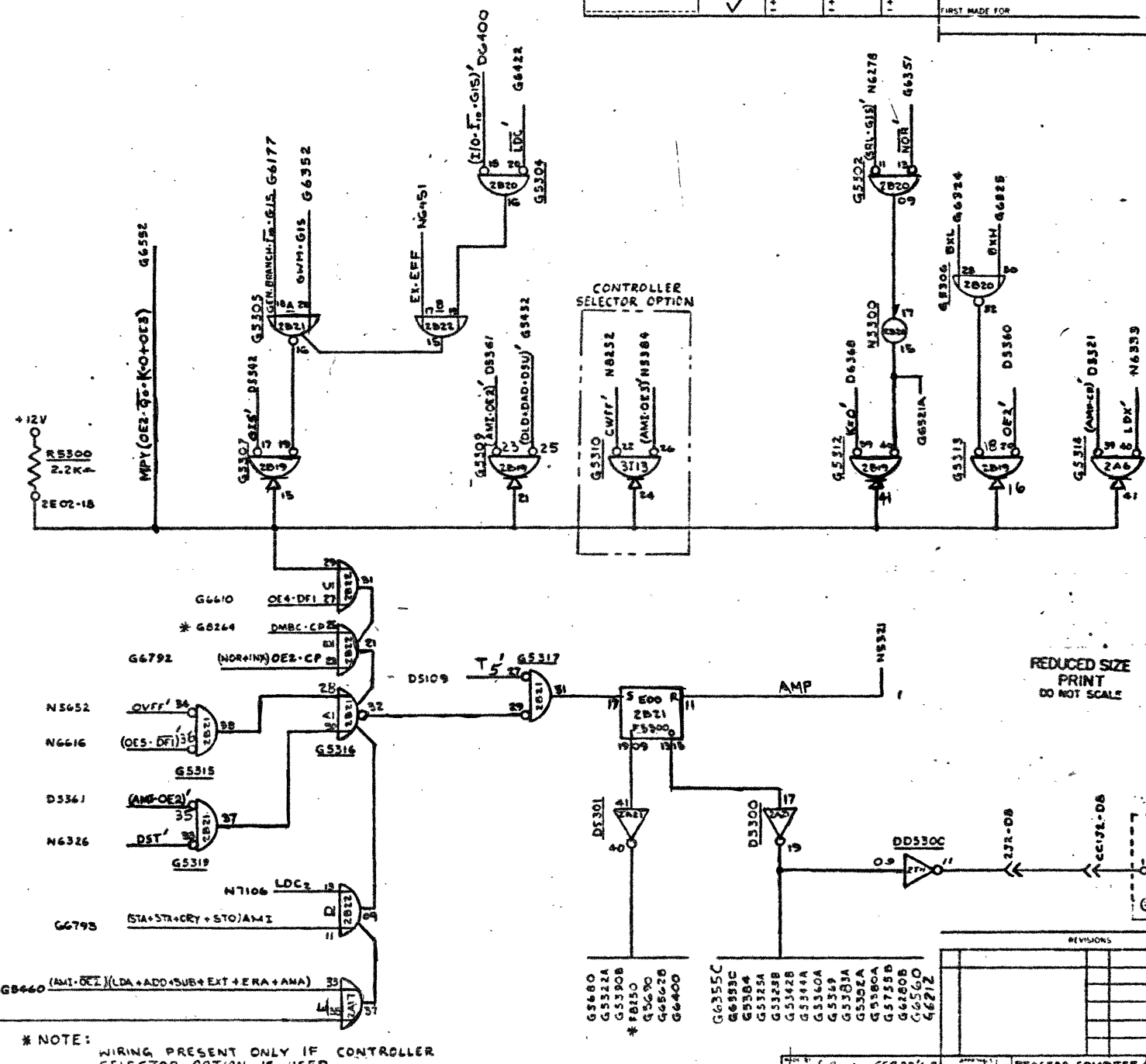
REVISIONS	PRINTS TO
	KB-IT S/RP

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING -		
APPLIED PRACTICES	SURFACES	TOLERANCES ON MACHINE DIMENSIONS
	✓	FRACTIONS DECIMALS DECIMALS

TITLE  
**LOGIC SEQUENCE CONTROL**

FIRST MADE FOR

5300



CONTROLLER SELECTOR OPTION

REDUCED SIZE PRINT  
DO NOT SCALE

\* NOTE: WIRING PRESENT ONLY IF CONTROLLER SELECTOR OPTION IS USED.

- G5660
- G5322A
- G5390B
- \* F8150
- G5690
- G6502B
- G6400
- G6355C
- G6333C
- G5384
- G5325A
- G5328B
- G5342B
- G5344A
- G5360A
- G5359
- G5383A
- G5392A
- G5380A
- G5735B
- G6260B
- G6560
- G6272

REVISIONS	PARTS TO
	KB-17 5/67

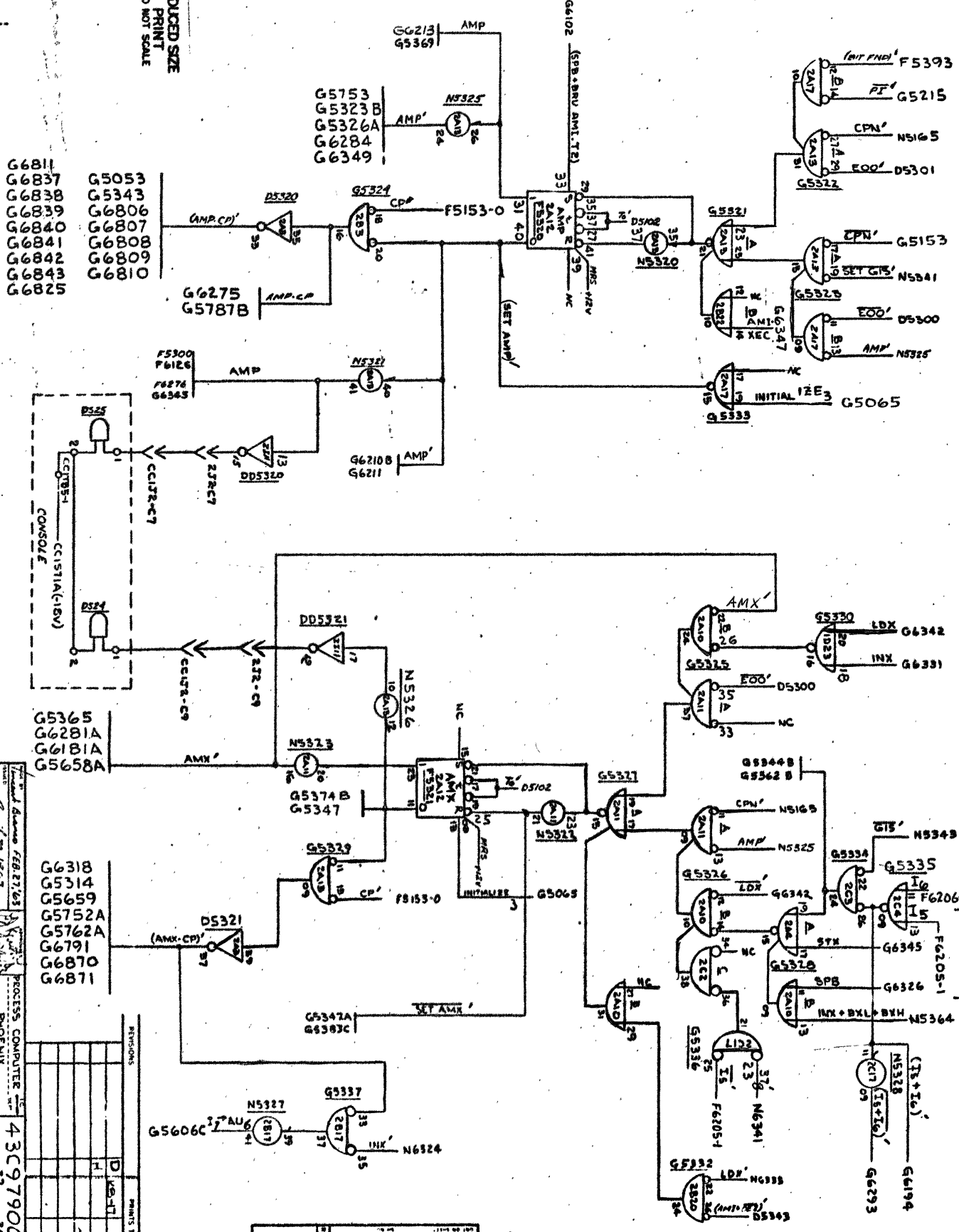
  

DATE	BY	APPROVED	DATE
FEB 27, 1963			

PROCESS COMPUTER	43C979000
PHOENIX	26 OF 25

REDUCED SIZE  
PRINT  
DO NOT SCALE



From page 20

GENERAL ELECTRIC

43C979000

SEQUENCE CONTROL

5300

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING -

APPLIED PRACTICES	SURFACES	WELDING	FINISHES
✓	✓	✓	✓

DATE LOGIC

REV. 27

NO. 26

5300

43C979000

PROCESS COMPUTER

PHOENIX

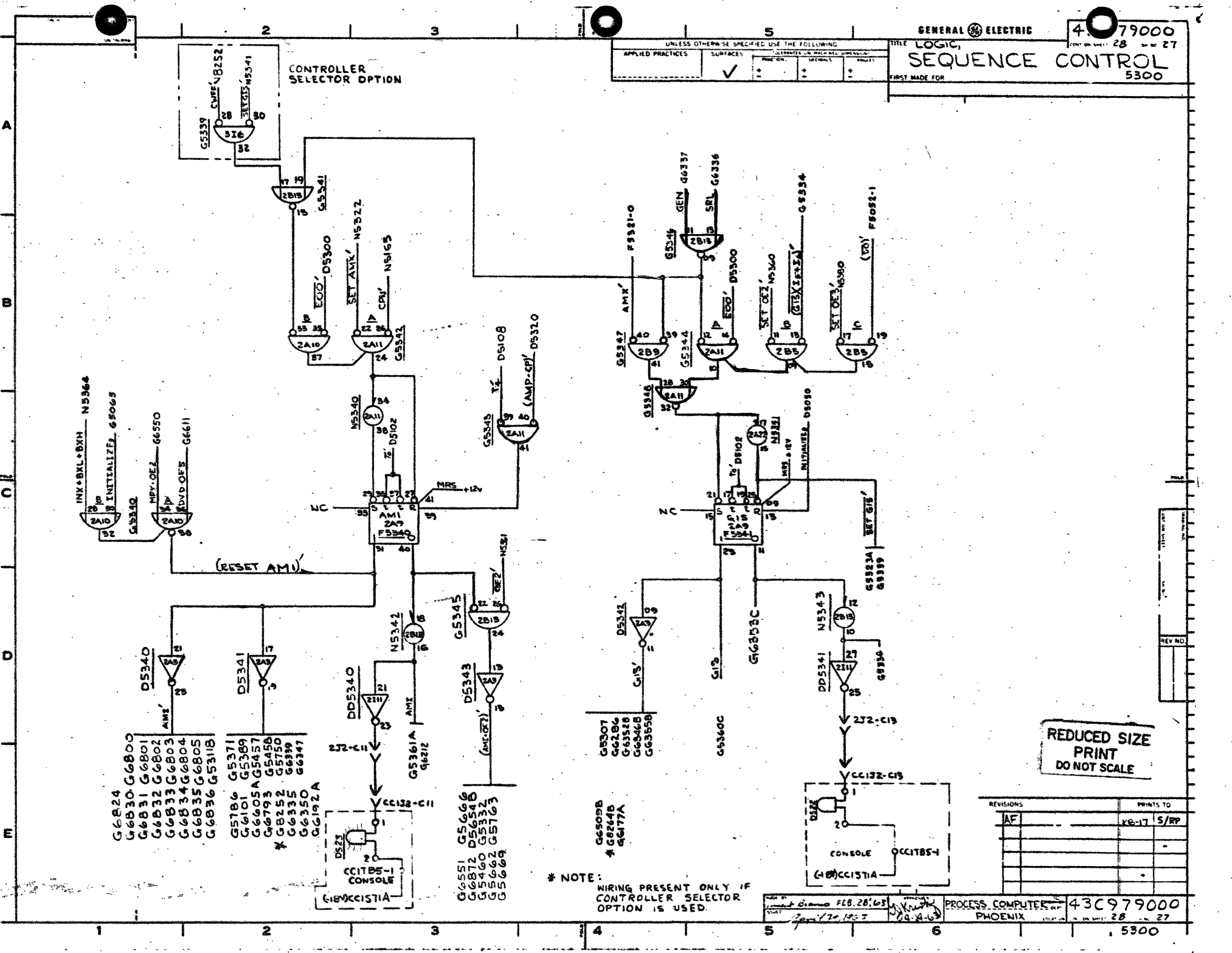
5300

REVISIONS

NO.	DATE	DESCRIPTION
1		
2		
3		
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6		
7		
8		
9		
10		

PRINTS TO

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING	APPLIED PRACTICES	SURFACES	FINISH	DRILLING	WELDING
	✓				



- G6824
- G6830 G6800
- G6831 G6801
- G6832 G6802
- G6833 G6803
- G6834 G6804
- G6835 G6805
- G6836 G6818
- G5786 G5371
- G6101 G5399
- G605A G5427
- G6793 G5458
- \* G8252 G5750
- G6335 G6339
- G6350 G6347
- G6192A

- G4551 G5666
- G5872 G5654B
- G5940 G5332
- G5950 G5763
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- G5996 G5769
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- G5998 G5769
- G5999 G5769
- G6000 G5769

\* NOTE: WIRING PRESENT ONLY IF CONTROLLER SELECTOR OPTION IS USED.

REDUCED SIZE PRINT  
DO NOT SCALE

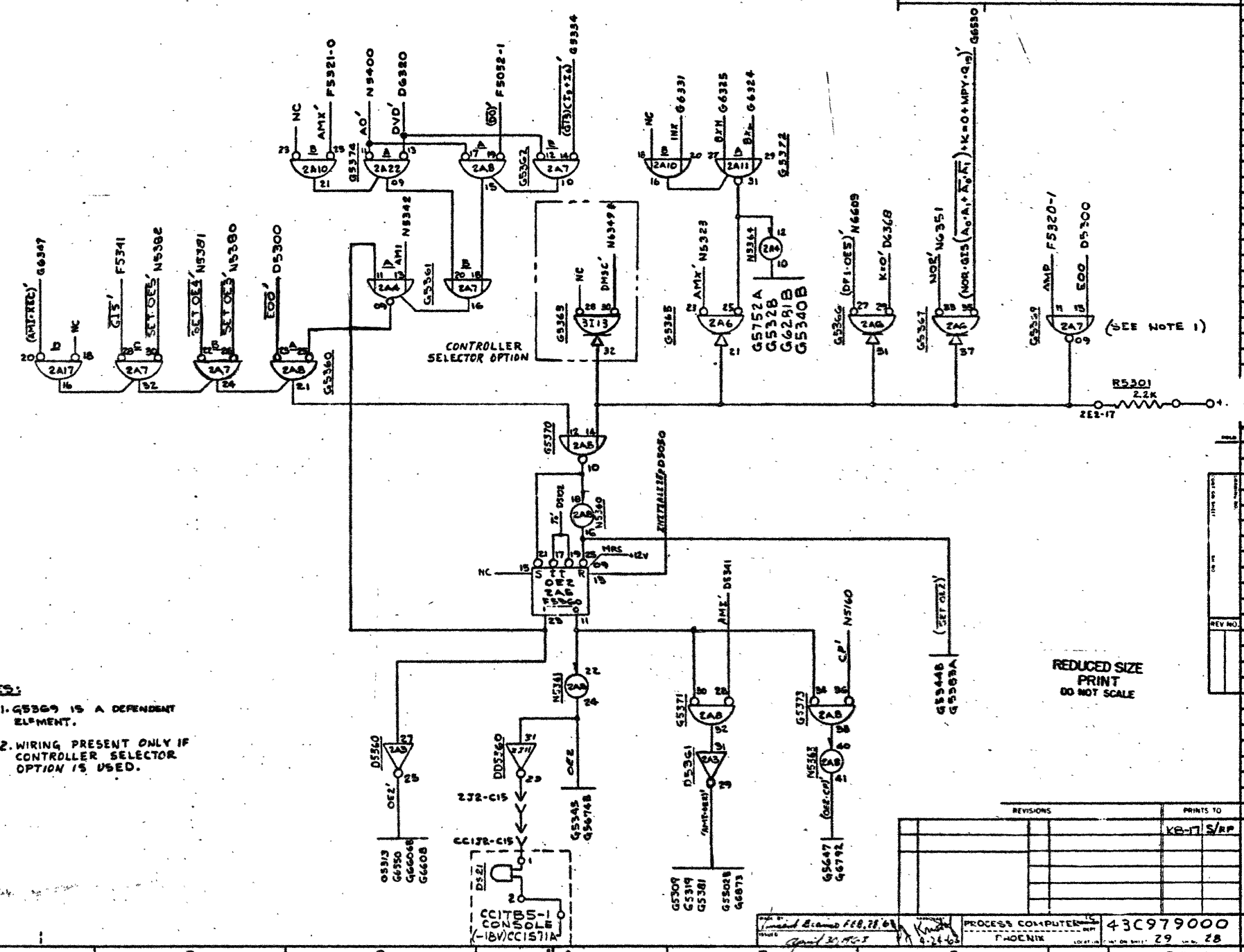
REVISIONS	PRINTS TO
AF	KG-17 5/PP

# SEQUENCE CONTROL

5300

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING--

APPLIED PRACTICES	SURFACES	FINISH	SECURITY	ANGLE
	✓	+	+	+



**NOTES:**

1. G5369 IS A DEPENDENT ELEMENT.
- \* 2. WIRING PRESENT ONLY IF CONTROLLER SELECTOR OPTION IS USED.

REVISIONS		PRINTS TO
		KB-17 S/RP

PROCESS COMPUTER 43C979000  
 CONT. ON SHEET 29 OF 28  
 5300

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING --

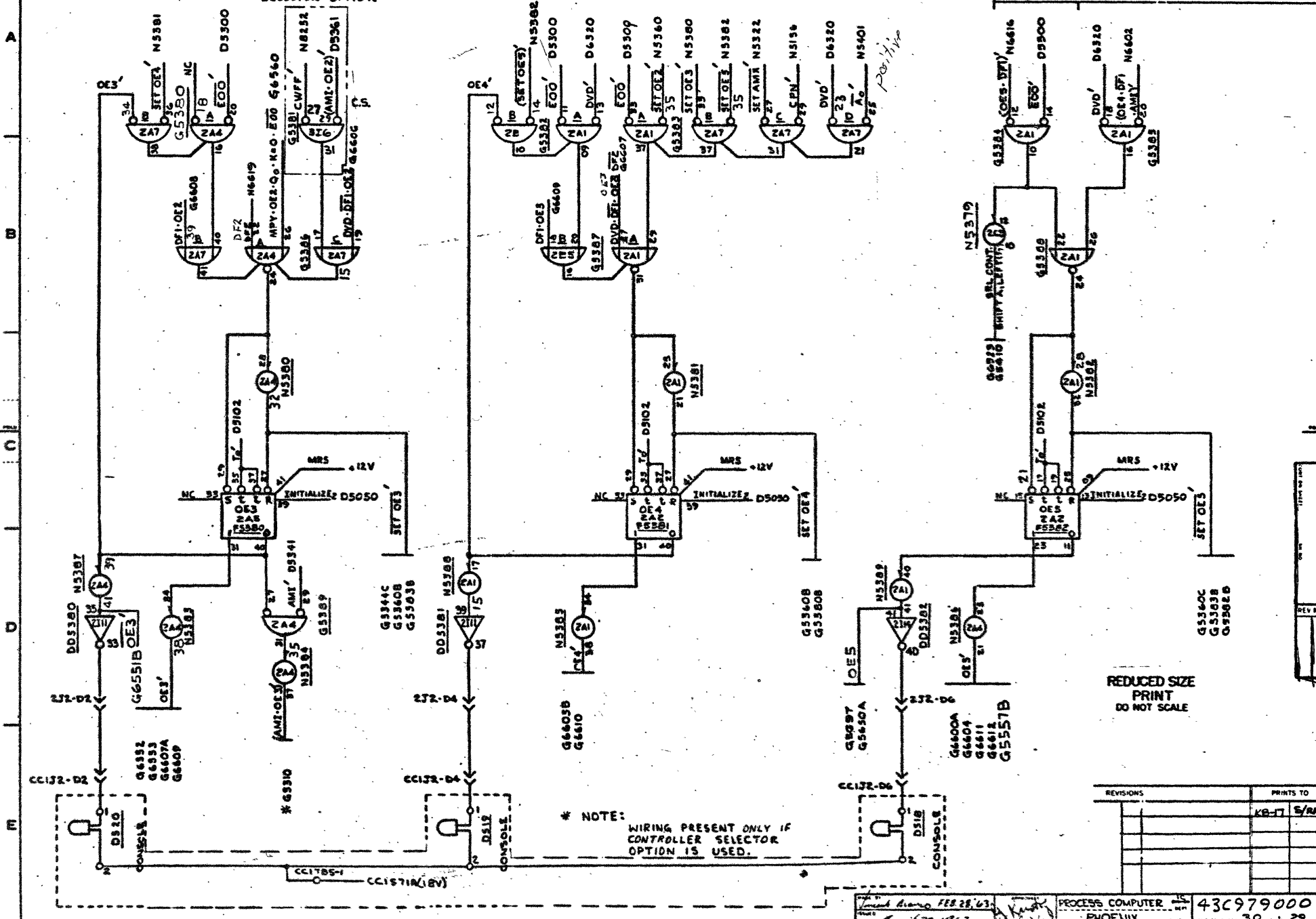
APPLIED PRACTICES	SURFACES	FUNCTIONS	TERMINALS	PHYSICAL
	✓			

LOGIC SEQUENCE CONTROL

FIRST MADE FOR

5300

CONTROLLER SELECTOR OPTION



REDUCED SIZE PRINT DO NOT SCALE

REVISIONS	PRINTS TO
	KB-17 S/RP

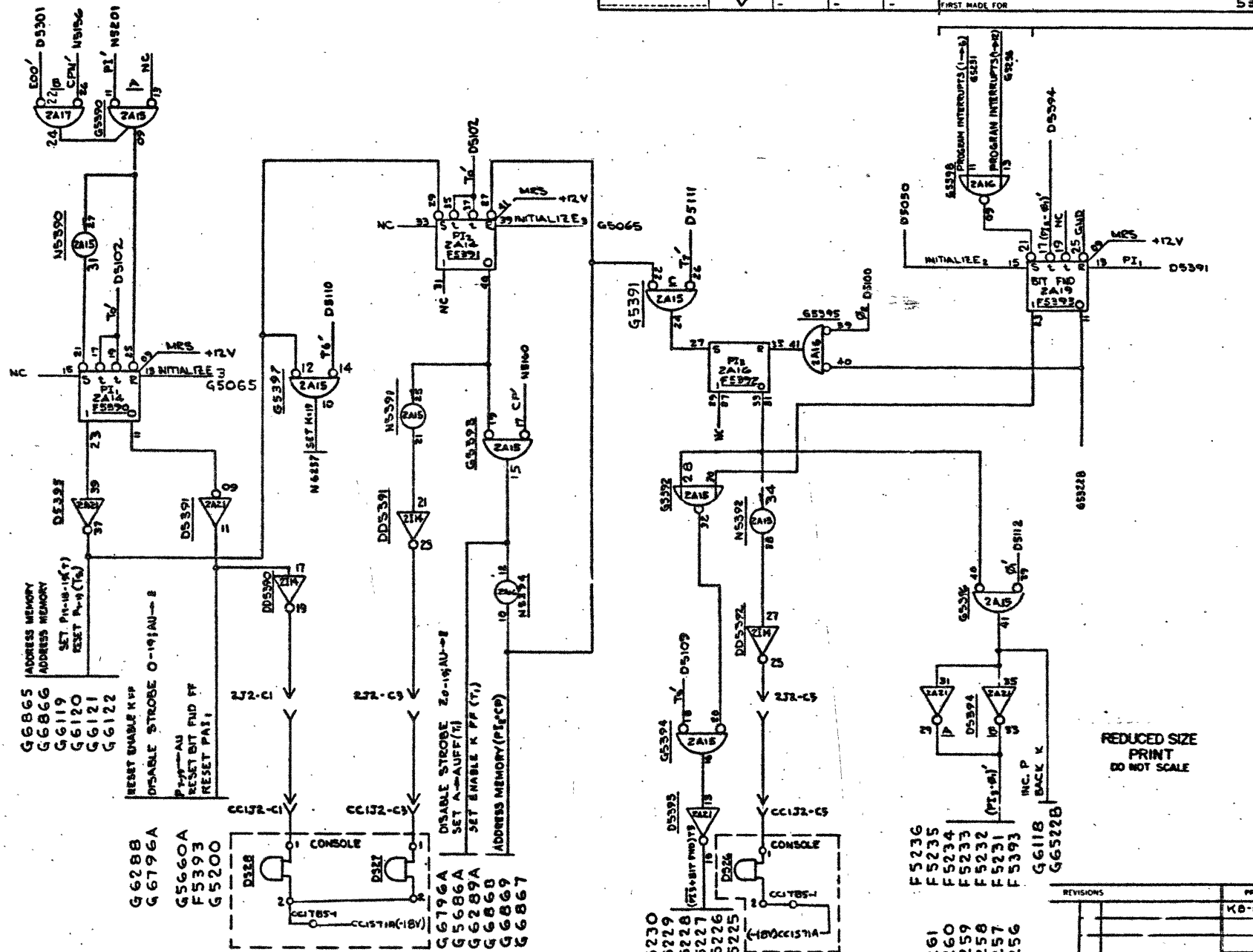
Final Review FEB 28, 63

PROCESSOR COMPUTER PHOENIX

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING -		
APPLIED PRACTICES	SURFACES	TOLERANCES ON MACHINED DIMENSIONS
✓		FRACTIONS DECIMALS ANGLES

SEQUENCE CONTROL

5300



- G6865 ADDRESS MEMORY
- G6866 ADDRESS MEMORY
- G6119 SET PI-18 (K7)
- G6120 RESET PI-9 (T6)
- G6121
- G6122

- G6288 RESET UNABLE KVP
- G6796A DISABLE STROBE O-19(AU)-E
- G5660A RESET BIT FND PF
- F5393 RESET PAS1
- G5200

- G6796A DISABLE STROBE Z0-19(AU)-E
- G5686A SET A-AUFF(T1)
- G6289A SET ENABLE K PF (T1)
- G6868 ADDRESS MEMORY (PI-CP)
- G6869
- G6867

- G5250 G5230
- G5251 G5229
- G5252 G5228
- G5253 G5227
- G5254 G5226
- G5255 G5225

- F5236
- F5235
- F5234
- F5233
- F5232
- F5231
- F5393
- G6118 INC. P
- G6522B BACK K

REDUCED SIZE PRINT  
DO NOT SCALE

REVISIONS		PRINTS TO
		KD-17 6/RP

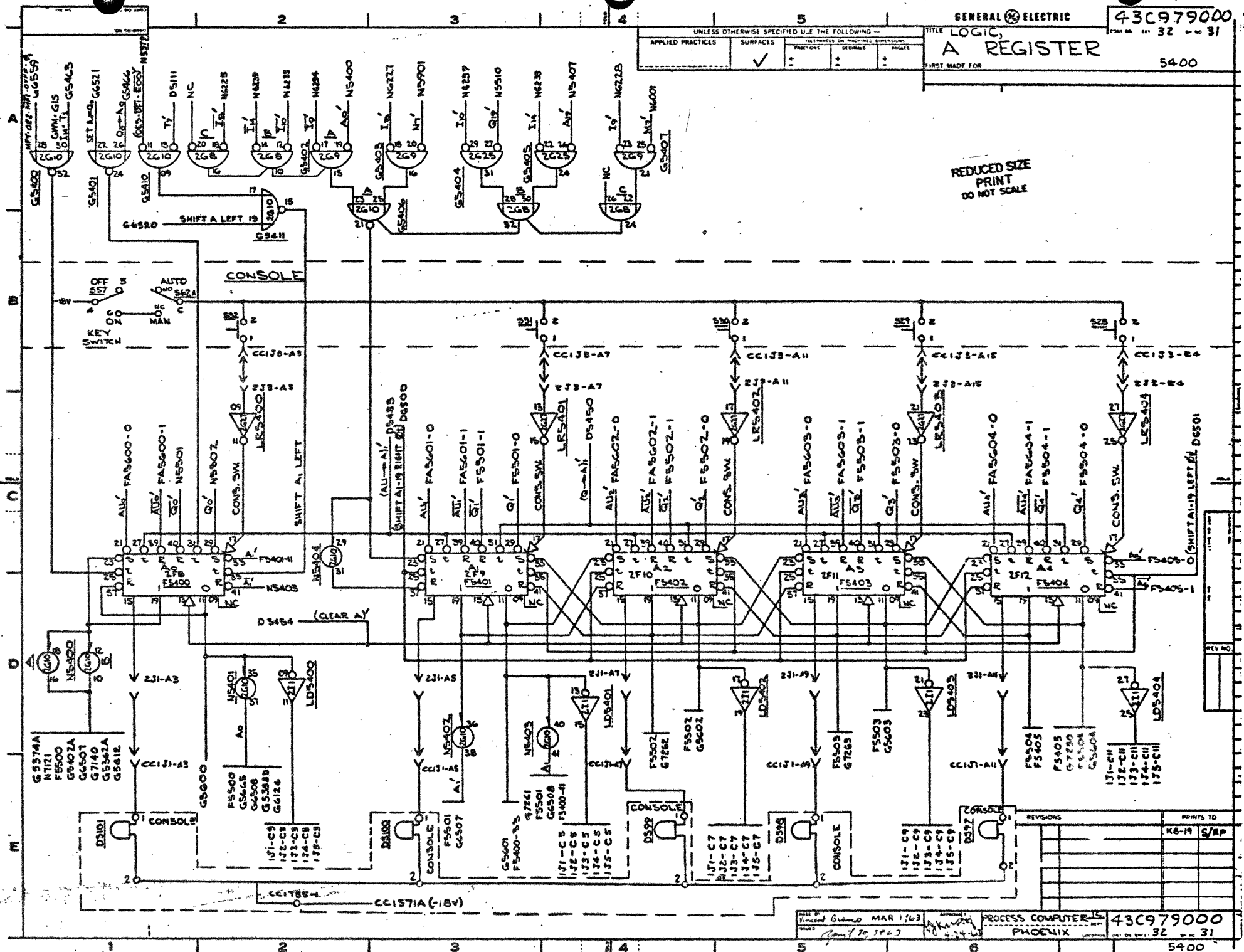
UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING —		
APPLIED PRACTICES	SURFACES	TOLERANCES ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
✓		FRACTIONS DECIMALS ANGLES

# LOGIC A REGISTER

FIRST MADE FOR

5400

REDUCED SIZE  
PRINT  
DO NOT SCALE



DESIGNED BY: *James Blaine* MAR 1, 1963  
 DRAWN BY: *Ray J. 1003*  
 CHECKED BY: *...*

PROCESS COMPUTER  
 PHOENIX

43C97900  
 32 31  
 5400

REVISORS	PRINTS TO
	K6-M 5/RP

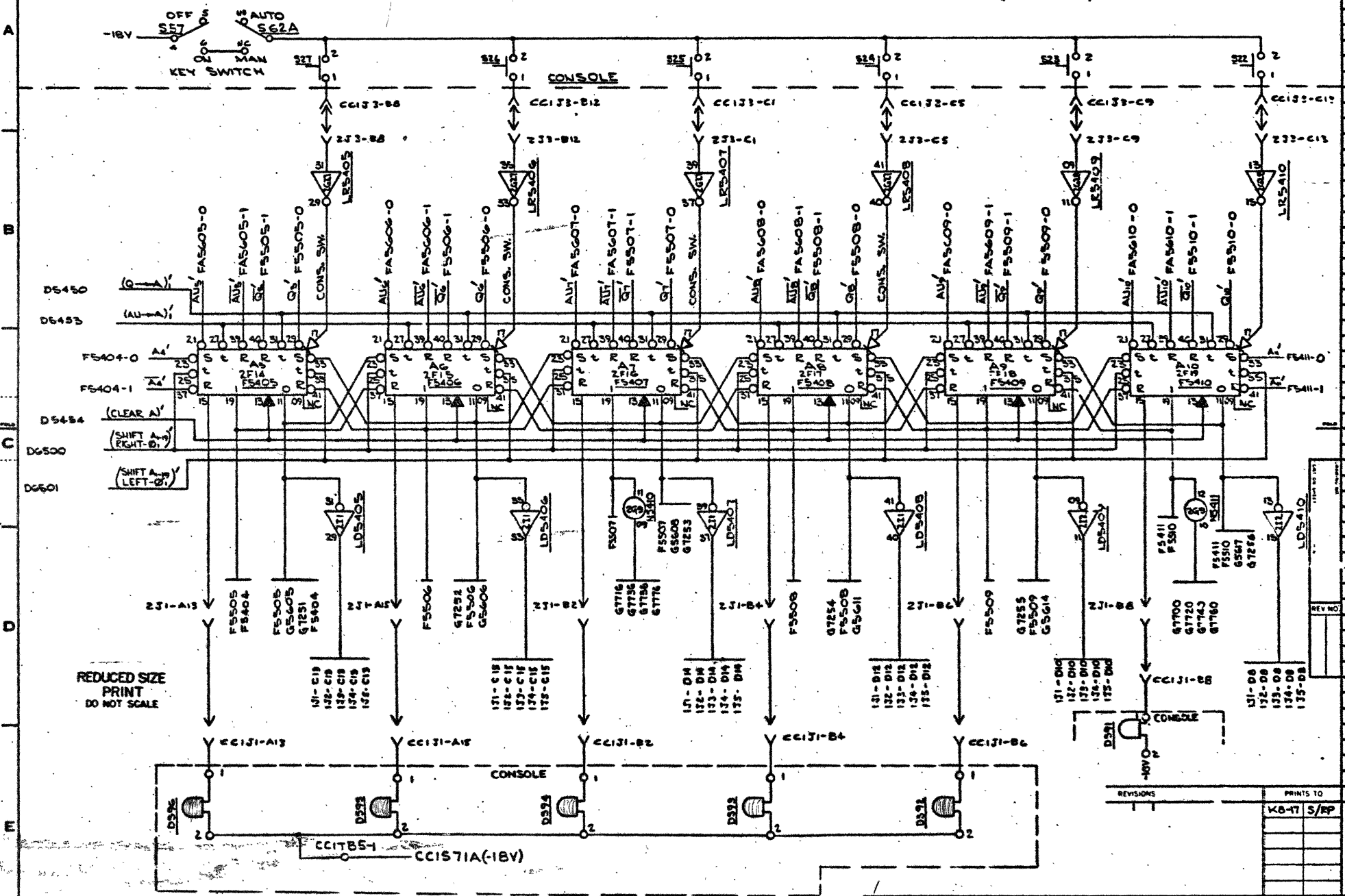


UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING -		
APPLIED PRACTICES	SURFACES	TOLERANCES ON MACHINE DIMENSIONS
	✓	FRACTIONS IN DECIMALS
		ANGLES
		PROFILES

# A REGISTER

FIRST MADE FOR

5400



REDUCED SIZE PRINT  
DO NOT SCALE

MAR. 1, 1963  
 PROCESS COMPUTER  
 PHOENIX  
 43 79000  
 33 32  
 5400

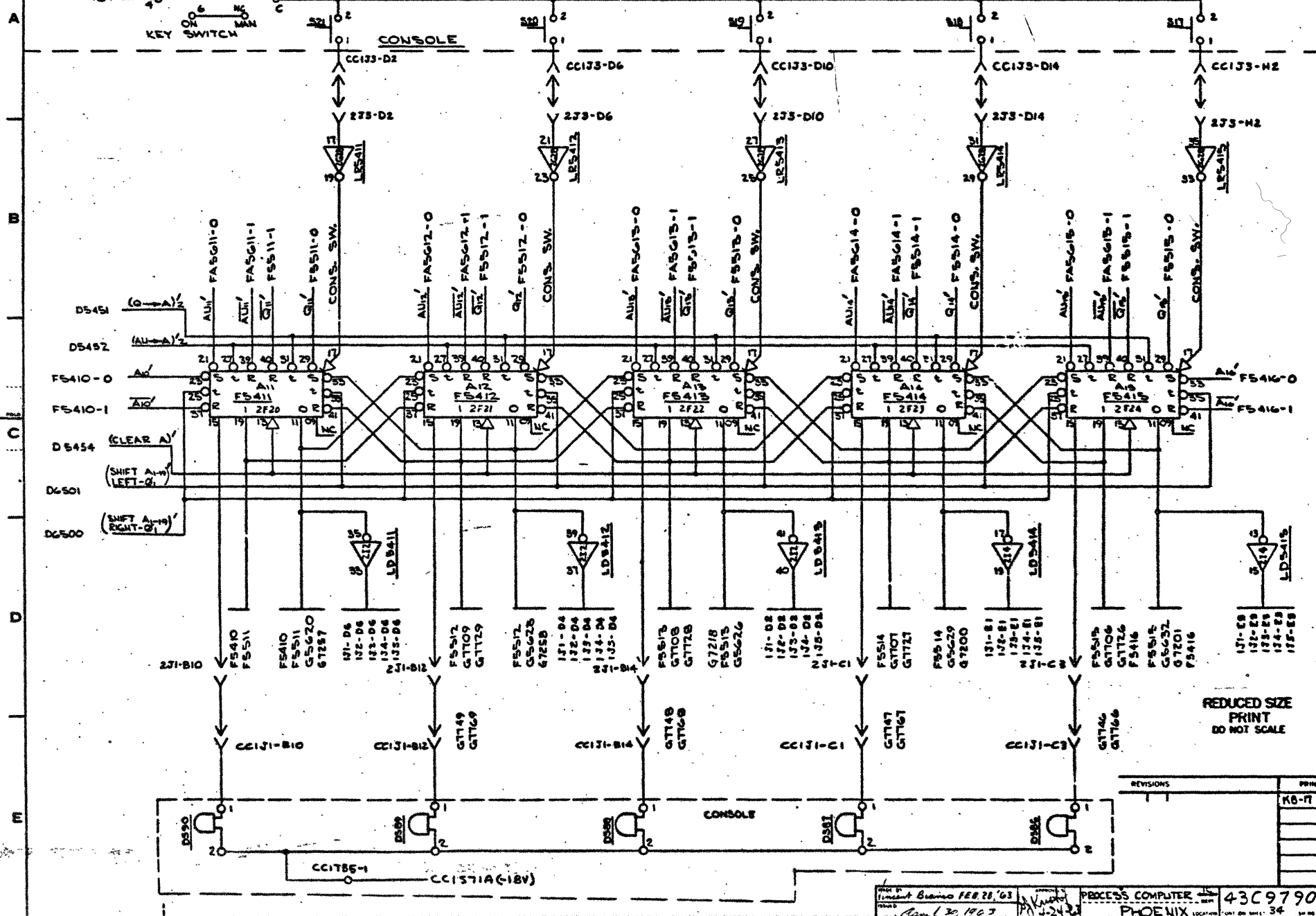
REV NO	
PRINTS TO	K8-17 S/EP

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING --			
APPLIED PRACTICES	SURFACES	TOLERANCES ON MACHINE DIMENSIONS	
✓	✓	FRACTIONS	DECIMALS
		1/16	0.001
		1/32	0.0005
		1/64	0.0002

TITLE LOGIC,  
A REGISTER

FIRST MADE FOR

5400



REDUCED SIZE  
PRINT  
DO NOT SCALE

REVISIONS	PRINTS TO
	K6-N S/EP

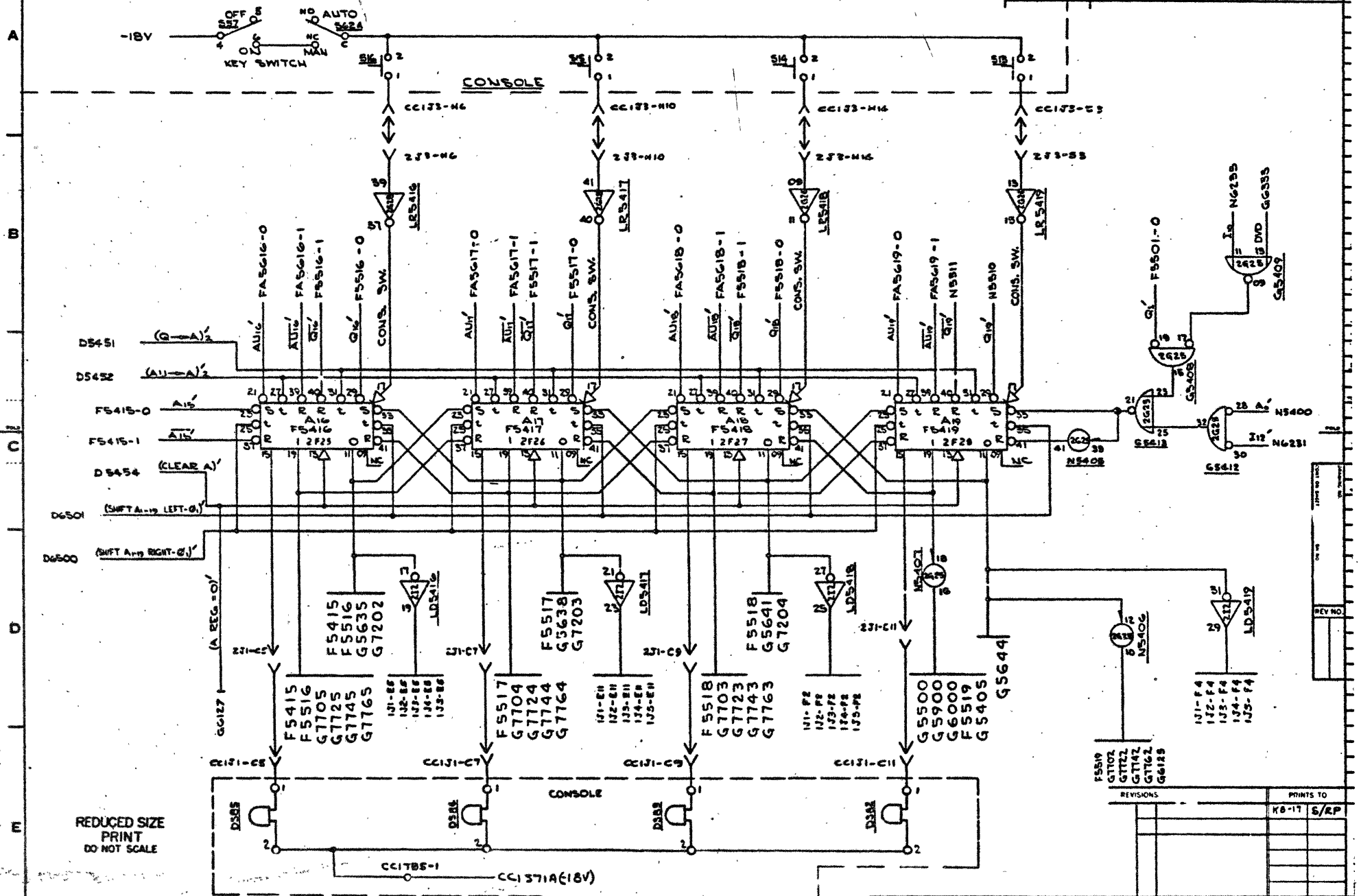
UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING—

APPLIED PRACTICES	SURFACES	POSITIONS	DETAILS	ANGLES
	✓	+	+	+

# LOGIC REGISTER

FIRST MADE FOR

5400



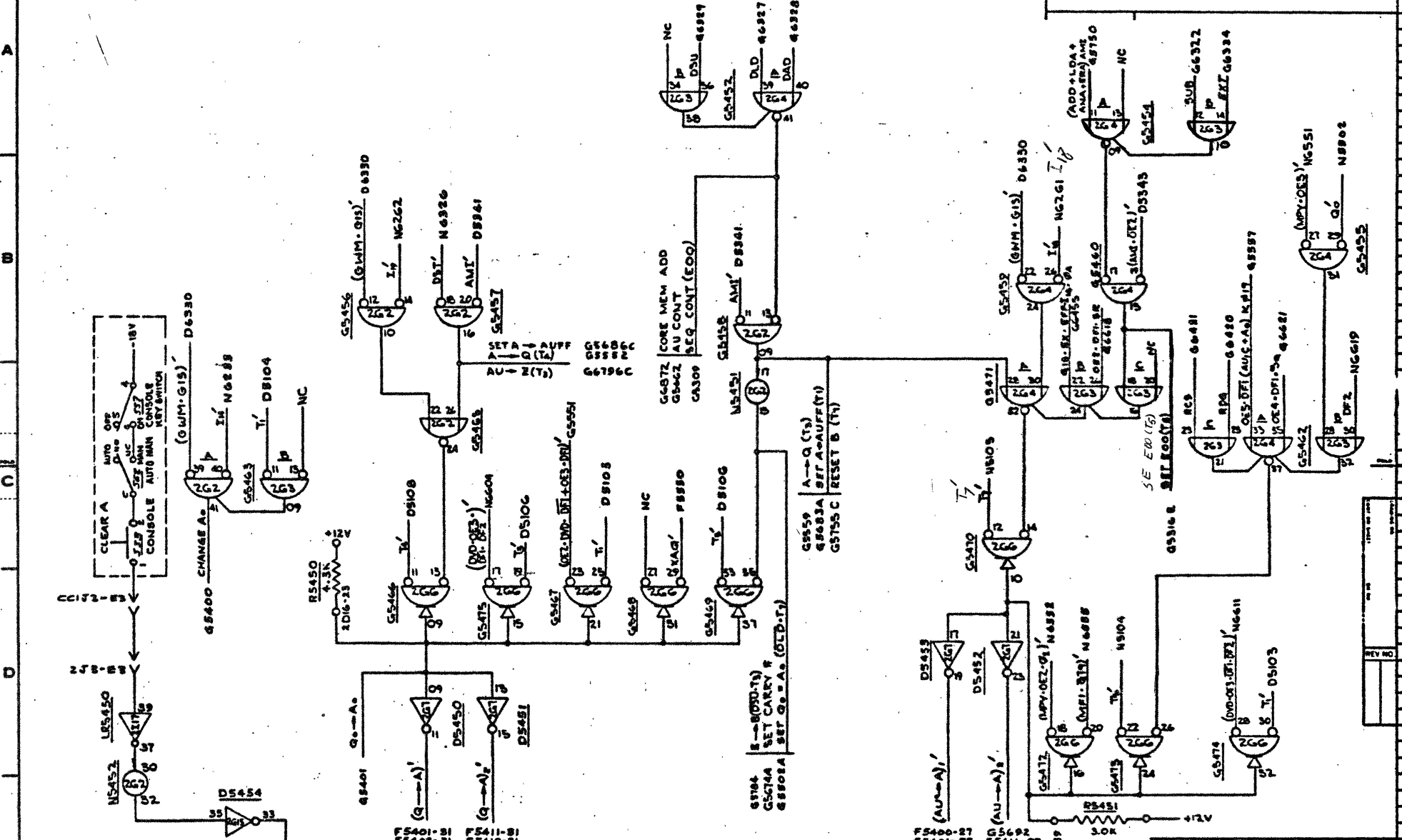
REDUCED SIZE PRINT  
DO NOT SCALE

REV. NO.	PRINTS TO
	K8-17 S/RP
REVISIONS	

DATE: FEB. 28, 62  
 DRAWN: [Signature]  
 CHECKED: [Signature]

APPLIED PRACTICES		SURFACES		TOLERANCES UNLESS OTHERWISE SPECIFIED	
✓		✓		FRACTION	DECIMAL
				1/16	0.0625
				1/32	0.03125
				3/64	0.046875
				1/8	0.125

TITLE LOGIC  
**A CONTROL**  
 FIRST MADE FOR 5400



- CLEAR A
- F5400-13
  - F5401-13
  - F5402-13
  - F5403-13
  - F5404-13
  - F5405-13
  - F5406-13
  - F5407-13
  - F5408-13
  - F5409-13
  - F5410-13
  - F5411-13
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  - F5416-13
  - F5417-13
  - F5418-13
  - F5419-13

- F5400-13
- F5401-13
- F5402-13
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- F5414-13
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- F5416-13
- F5417-13
- F5418-13
- F5419-13

REDUCED SIZE  
 PRINT  
 DO NOT SCALE

- F5400-27
- F5401-27
- F5402-27
- F5403-27
- F5404-27
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- F5406-27
- F5407-27
- F5408-27
- F5409-27
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- F5413-27
- F5414-27
- F5415-27
- F5416-27
- F5417-27
- F5418-27
- F5419-27
- F5420-27

NOTES:  
 1. D5454 IS A DEPENDENT ELEMENT

DATE: 1/30/63	DESIGNED BY: [Signature]	CHECKED BY: [Signature]	PROCESS COMPUTER	43C979000
PRINTED BY: [Signature]	DATE: 1/30/63		PHOENIX	36 OF 35

REVISONS		PRINTS TO	
		K8-7	S/RP

2

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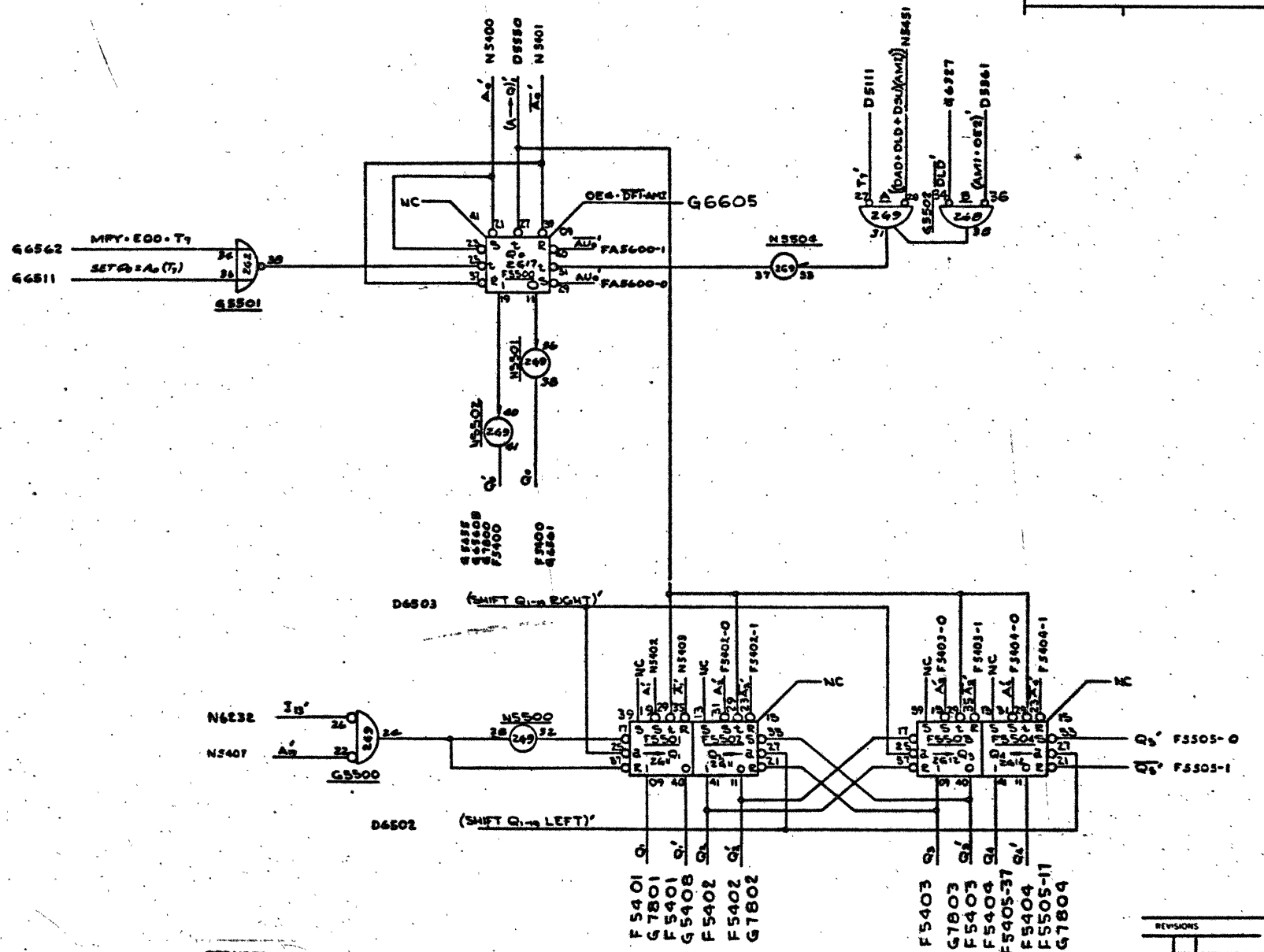
GENERAL ELECTRIC

43 79000

CONT. ON SHEET 37 OF 36

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING -		
APPLIED PRACTICES	SURFACES	TOLERANCES UNLESS OTHERWISE SPECIFIED
	✓	FRACTIONS DECIMALS THICKNESS

TITLE LOGIC, Q REGISTER  
 FIRST MADE FOR 5500



REDUCED SIZE  
 PRINT  
 DO NOT SCALE

REVISIONS	PRINTS TO
	KS-17 3/RP

1

2

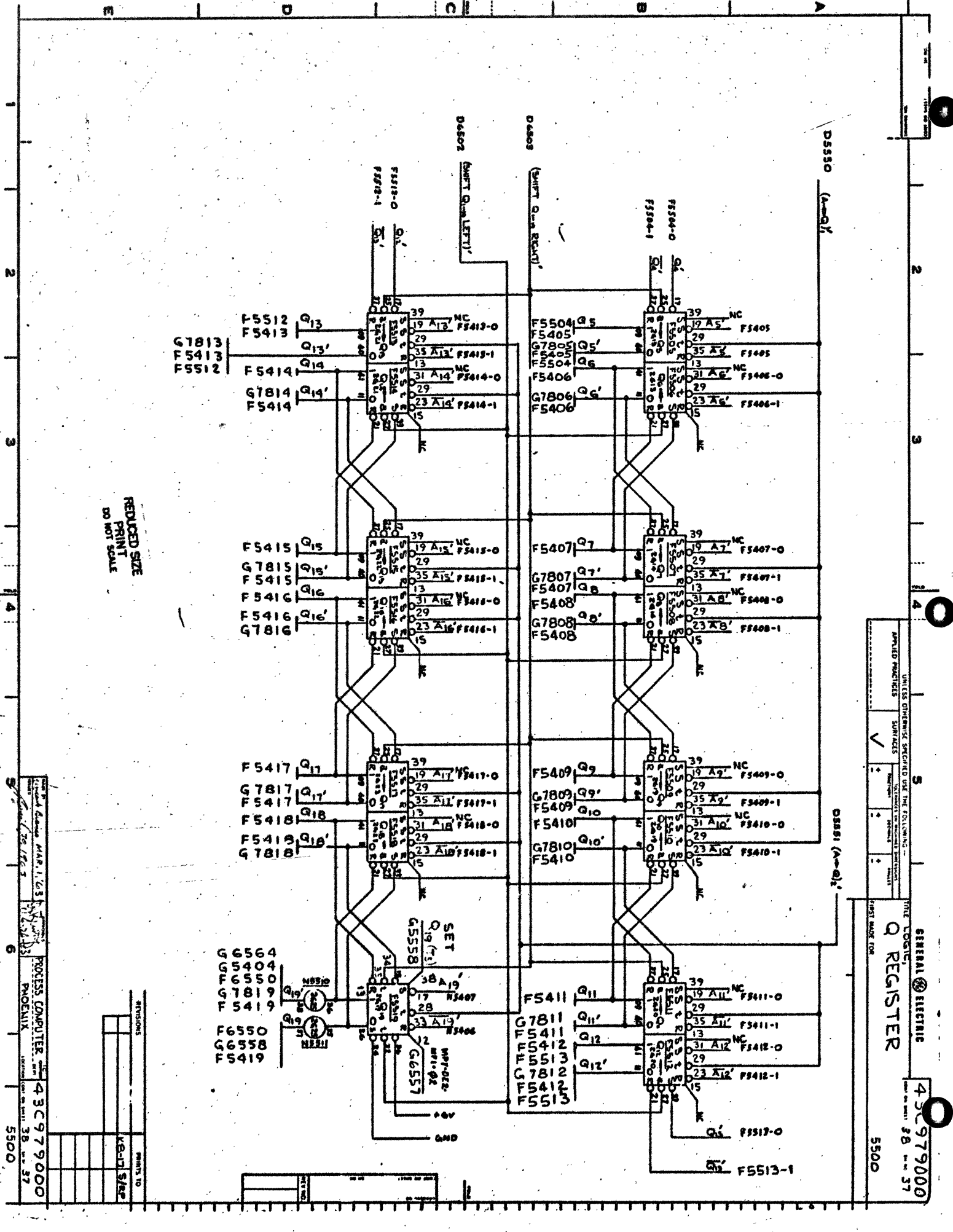
3

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5

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5500



REDUCED SIZE  
PRINT  
DO NOT SCALE

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING —  
 APPLIED PRACTICES SURFACES  
 TITLE: Q REGISTER  
 GENERAL ELECTRIC  
 43C979000  
 5500

REVISIONS  
 PRINTS TO  
 KEUL/S/RC  
 PROCESS COMPUTER  
 PHOENIX  
 43C979000  
 5500

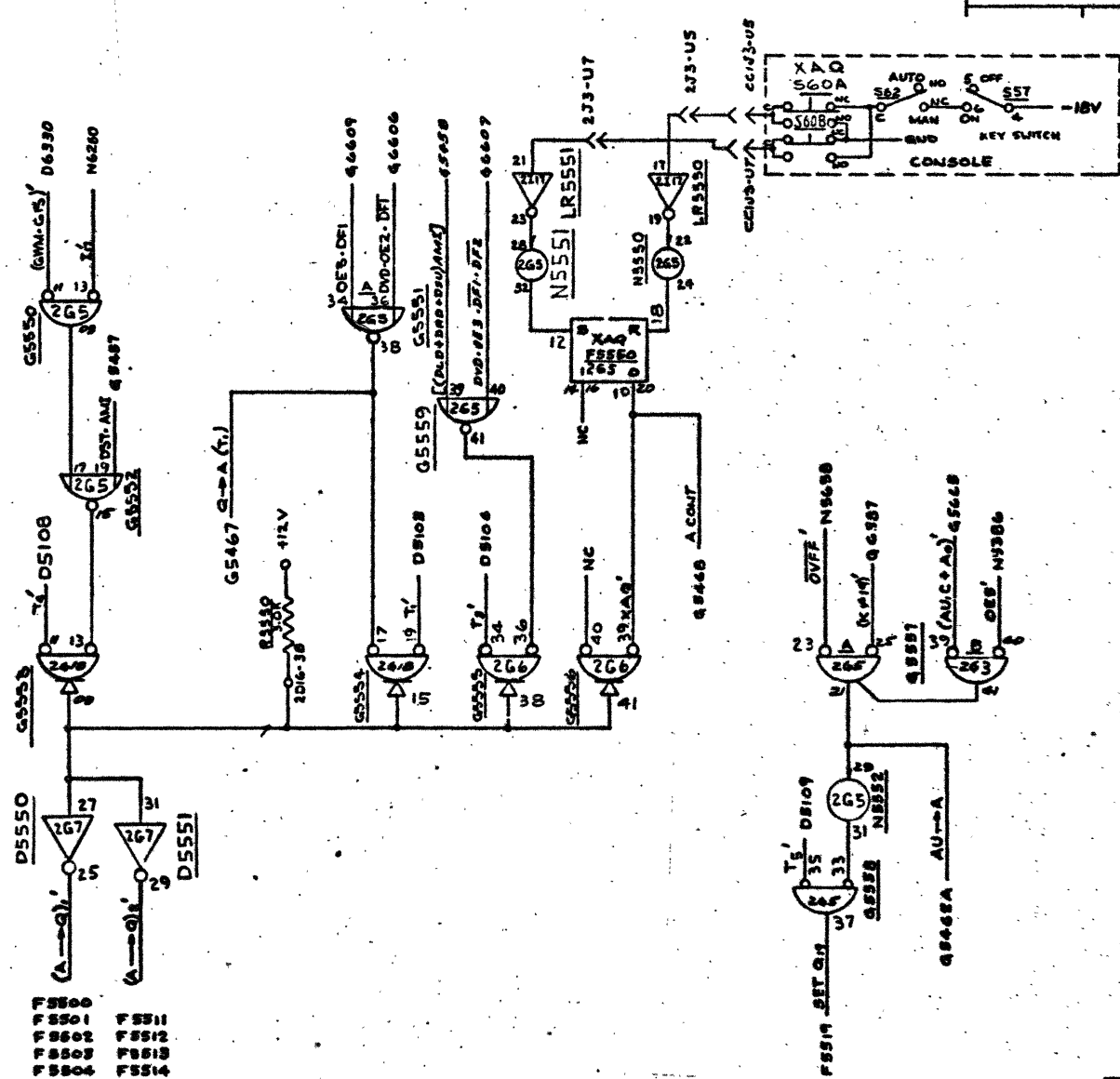
UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING -

APPLIED PRACTICES	SURFACES	TOLERANCES ON DIMENSIONS		
	✓	FRACTIONS	DECIMALS	ANGLES
		+	-	+

TITLE LOGIC, Q CONTROL

FIRST MADE FOR

5500



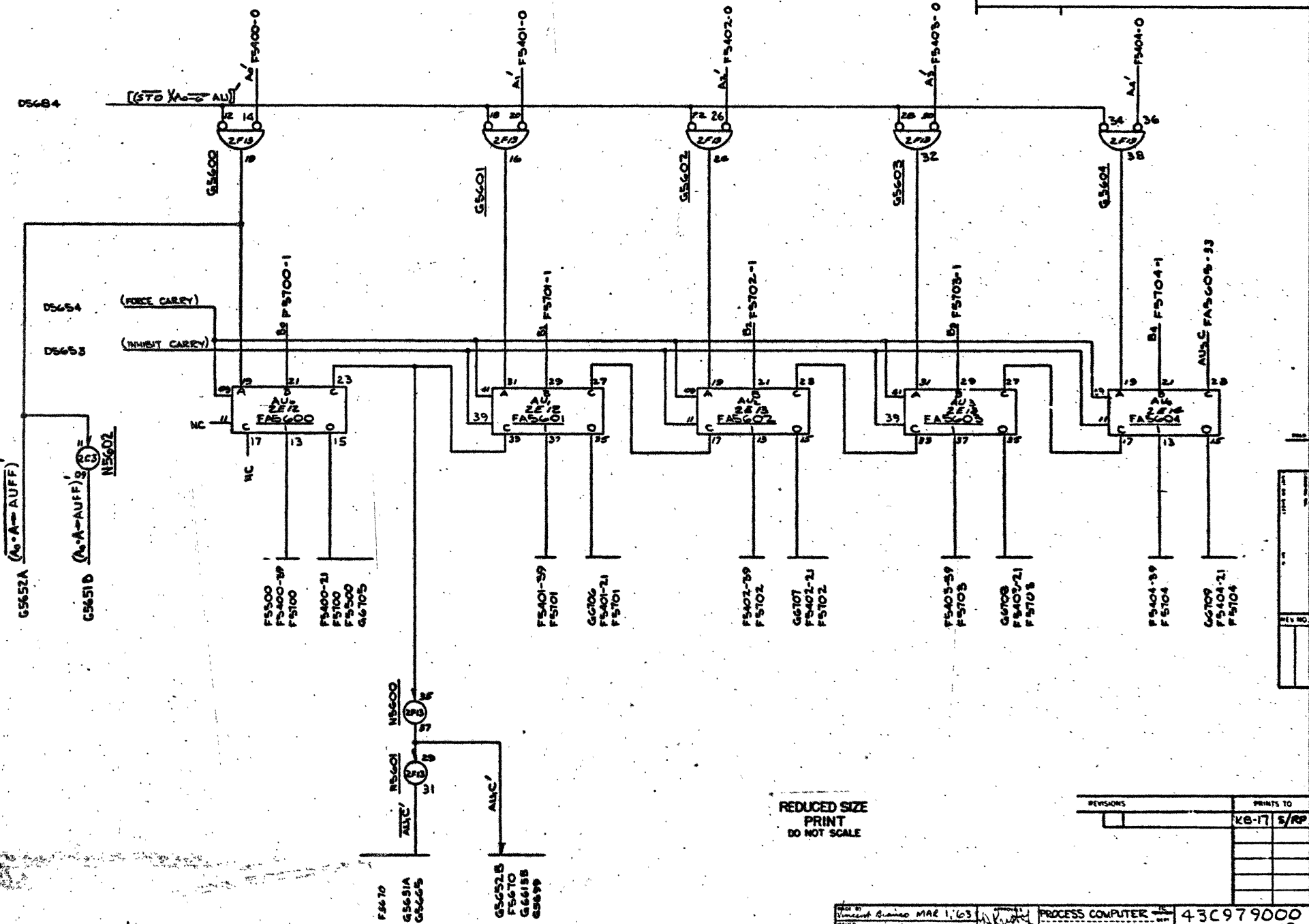
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- F5502
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- F5504
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- F5508
- F5509
- F5510
- F5511
- F5512
- F5513
- F5514
- F5515
- F5516
- F5517
- F5518
- F5519

REDUCED SIZE PRINT DO NOT SCALE

REVISIONS	PRINTS TO
	40-17 S/RP

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING -		
APPLIED PRACTICES	SURFACES	TOLERANCES OR MACHINED DIMENSIONS
	✓	FRACTIONAL DECIMAL ANGLES
		FRACTIONAL DECIMAL ANGLES
		FRACTIONAL DECIMAL ANGLES

TITLE LOGIC,  
ARITHMETIC UNIT  
FIRST MADE FOR 5600



REDUCED SIZE  
PRINT  
DO NOT SCALE

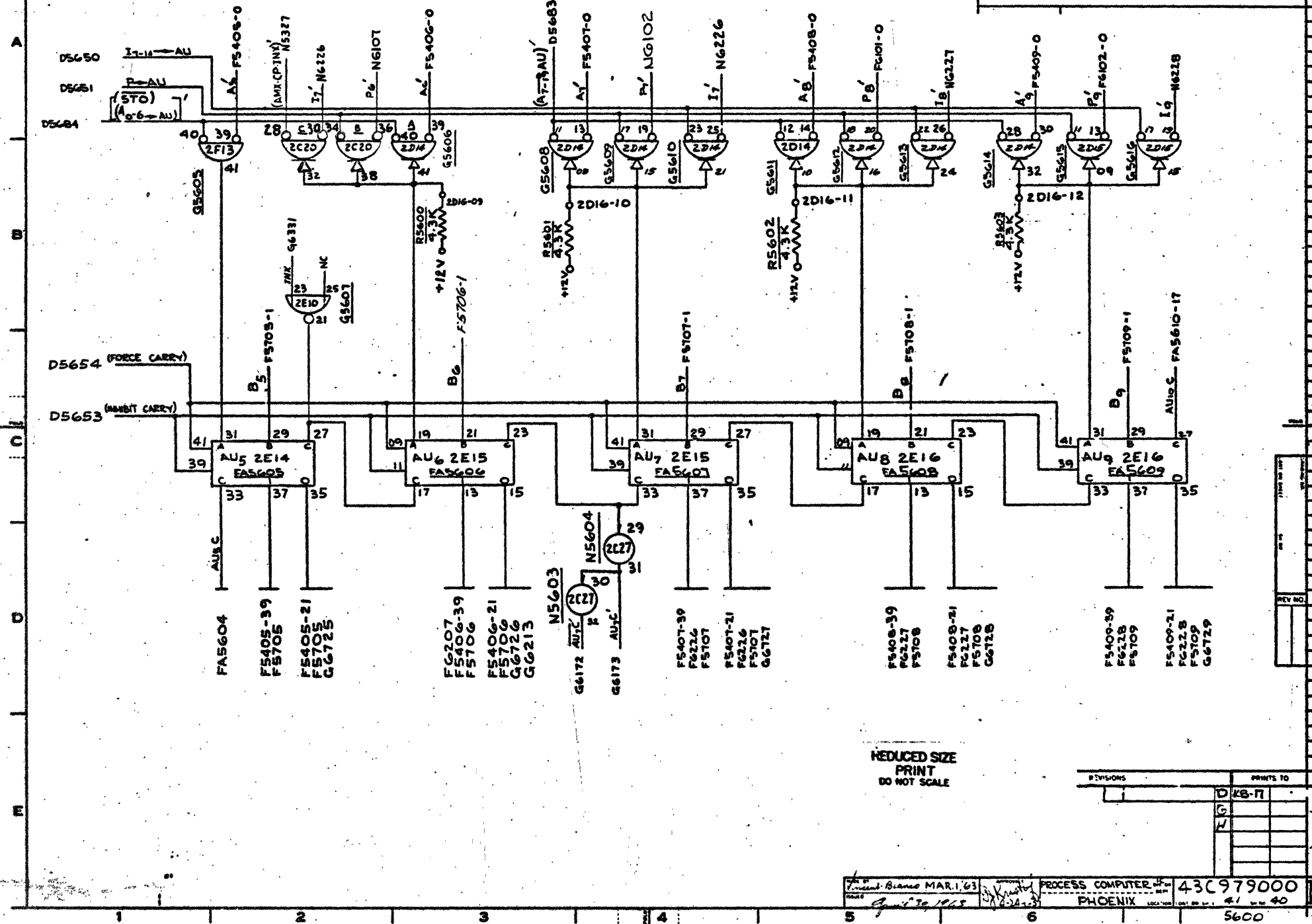
REVISIONS	PRINTS TO
	KB-17 5/RP



UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING -

APPLIED PRACTICES	SURFACES	TOLERANCES ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
✓	✓	FRACTIONS DECIMALS PERCENTS

TITLE LOGIC  
 ARITHMETIC UNIT  
 FIRST MADE FOR 5600

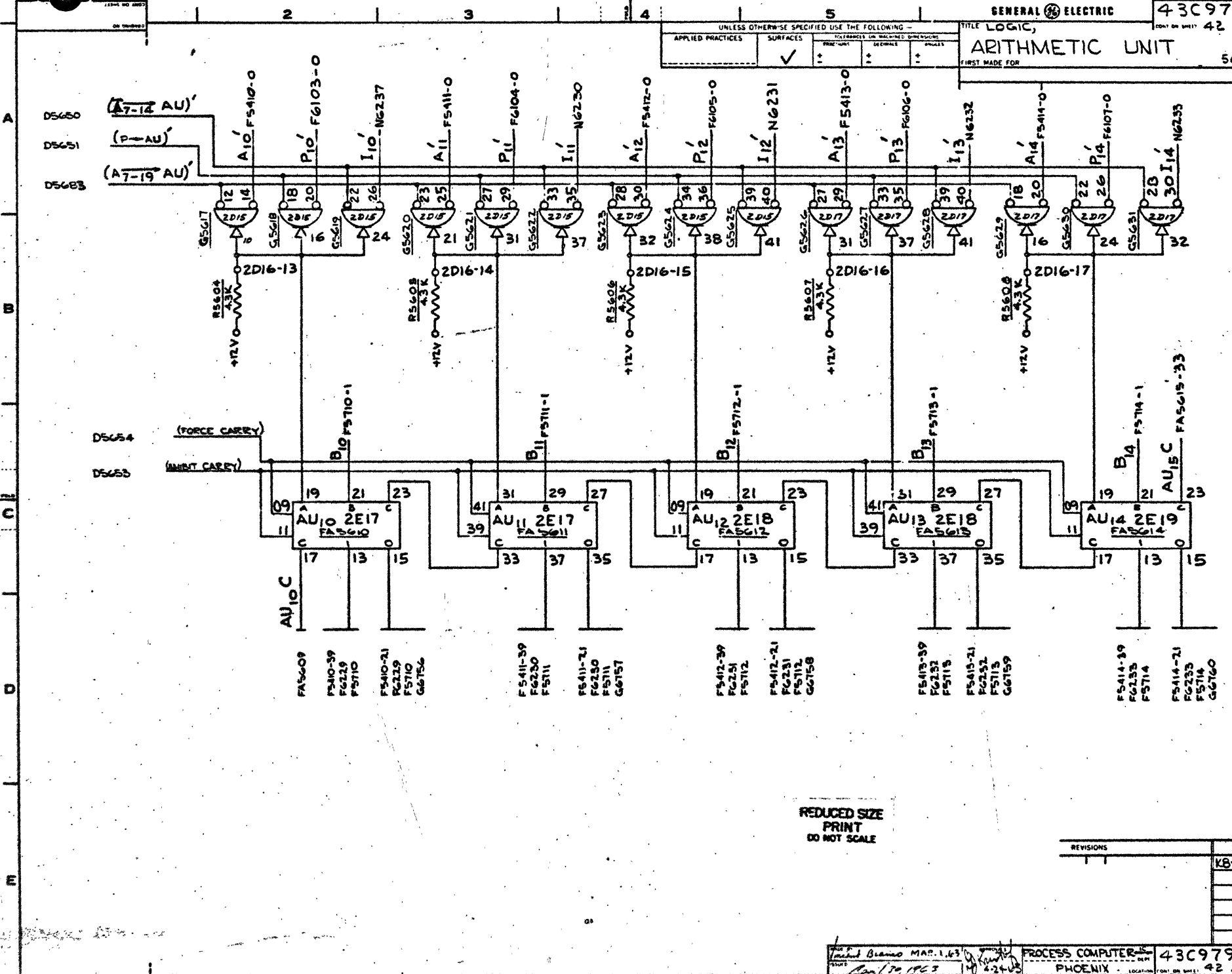


REDUCED SIZE  
 PRINT  
 DO NOT SCALE

DIVISIONS	PRINTS TO
	D KB-11
	G
	N

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING			
APPLIED PRACTICES	SURFACES	TERMINALS OR WIRE END CONNECTIONS	PLACES
	✓	+	+

TITLE LOGIC,  
ARITHMETIC UNIT  
FIRST MADE FOR 5600



REDUCED SIZE  
PRINT  
DO NOT SCALE

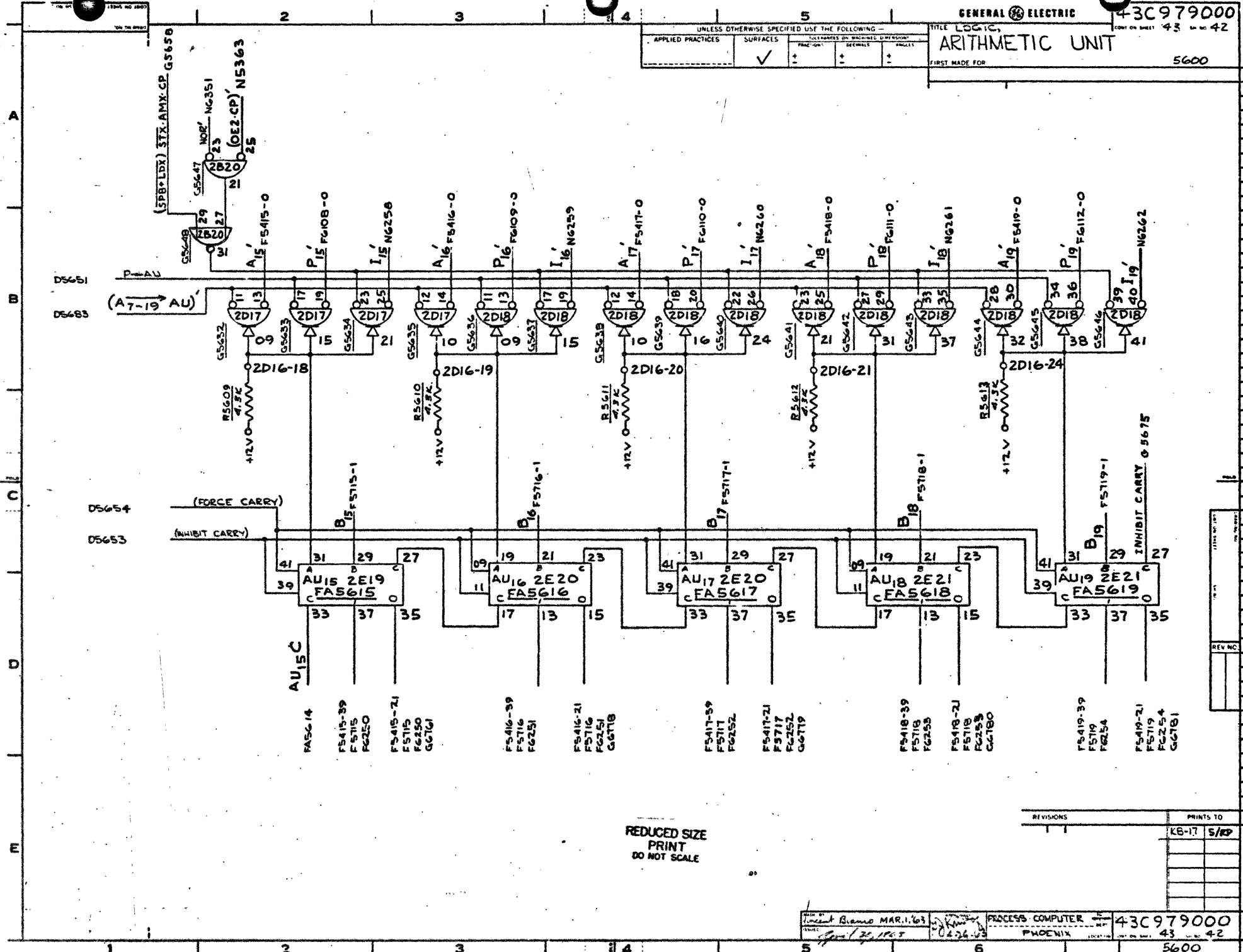
REVISIONS	PRINTS TO
	KB-17 5/RP

TITLE LOGIC, ARITHMETIC UNIT

5600

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING -			
APPLIED PRACTICES	SURFACES	TOLERANCES ON MACHINED DIMENSIONS	
✓		FRACTION	DECIMALS
		+	+
		-	-

FIRST MADE FOR



REDUCED SIZE  
PRINT  
DO NOT SCALE

REVISIONS	PRINTS TO
	KB-17 5/10



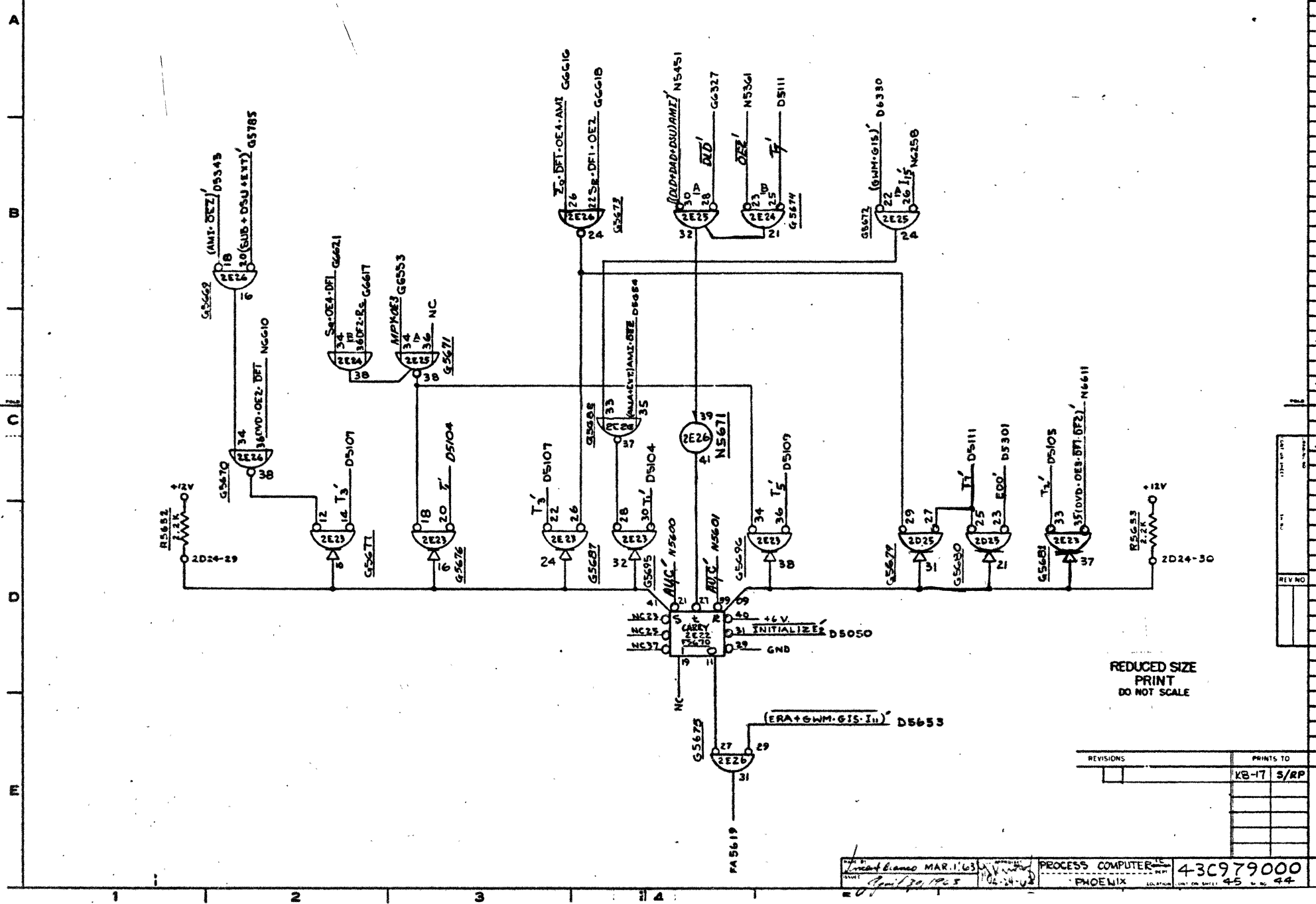
UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING

APPLIED PRACTICES	SURFACES	FINISHES	OPERATIONS
✓			

TITLE LOGIC, AU CONTROL

FIRST MADE FOR 5600

CONT. ON SHEET 45 OF 44



REDUCED SIZE PRINT DO NOT SCALE

REVISIONS	PRINTS TO
	KB-17 S/RP

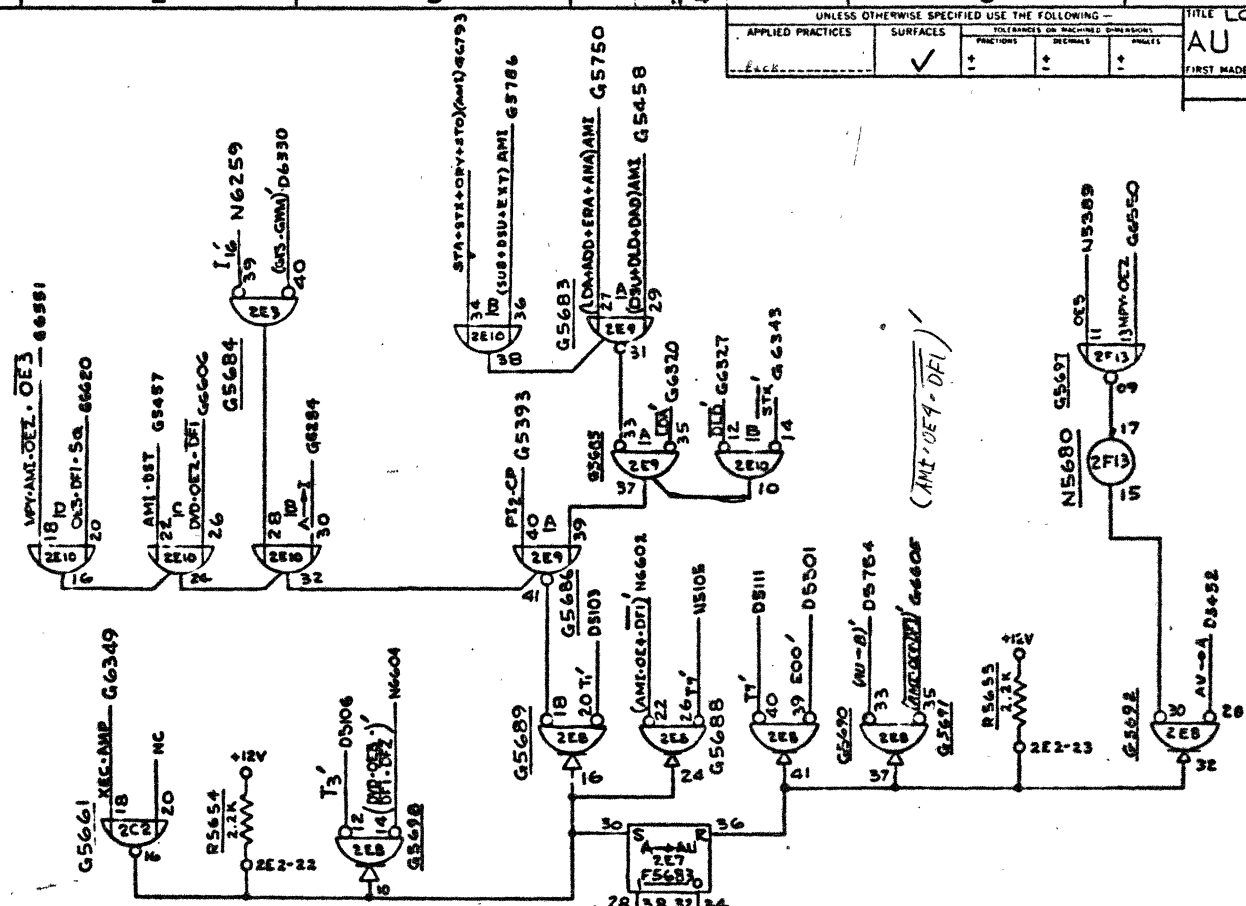
TITLE LOGIC, AU CONTROL

FIRST MADE FOR

5600

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING -

APPLIED PRACTICES	TOLERANCES ON MACHINED DIMENSIONS			
	FRACTIONS	DECIMALS	ANGLES	WELDS
✓	+	+	+	+



NOTE:  
1. F5683 AND G5694 ARE 1164 ELEMENTS

REDUCED SIZE  
PRINT  
DO NOT SCALE

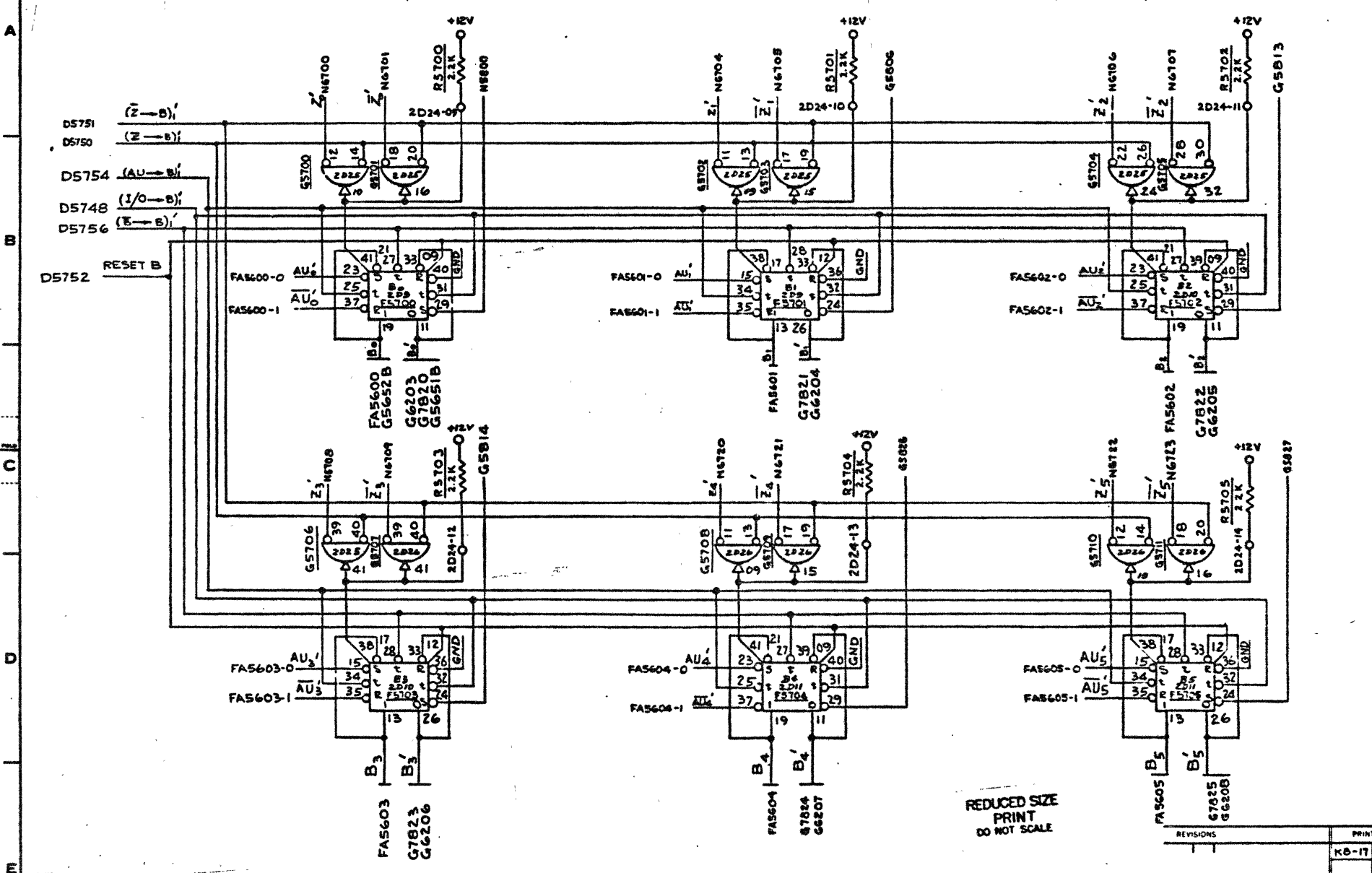
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- G5750

G5600 G5603 G5606  
G5601 G5604  
G5602 G5605

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING --		
APPLIED PRACTICES	SURFACES	TOLERANCES ON MACHINED DIMENSIONS
	✓	FRACTIONS DECIMALS ANGLES

TITLE LOGIC,  
B REGISTER  
FIRST MADE FOR

5700



REDUCED SIZE  
PRINT  
DO NOT SCALE

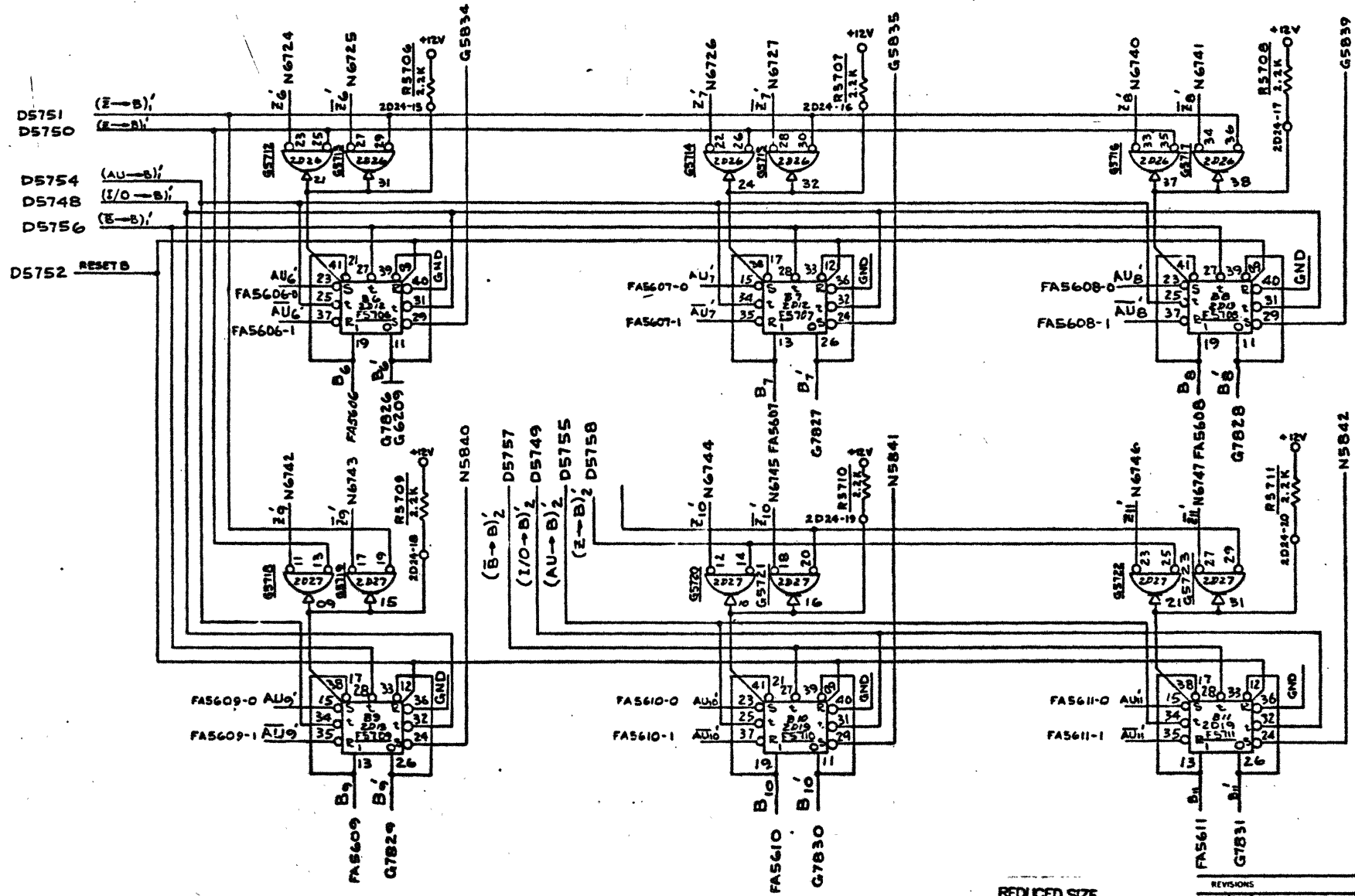
REVISIONS	PRINTS TO
	K8-17 S/RP

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING --

APPLIED PRACTICES	SURFACES	FRANCHISES OR MACHINING DIMENSIONS
✓		

FIRST MADE FOR

A  
B  
C  
D  
E



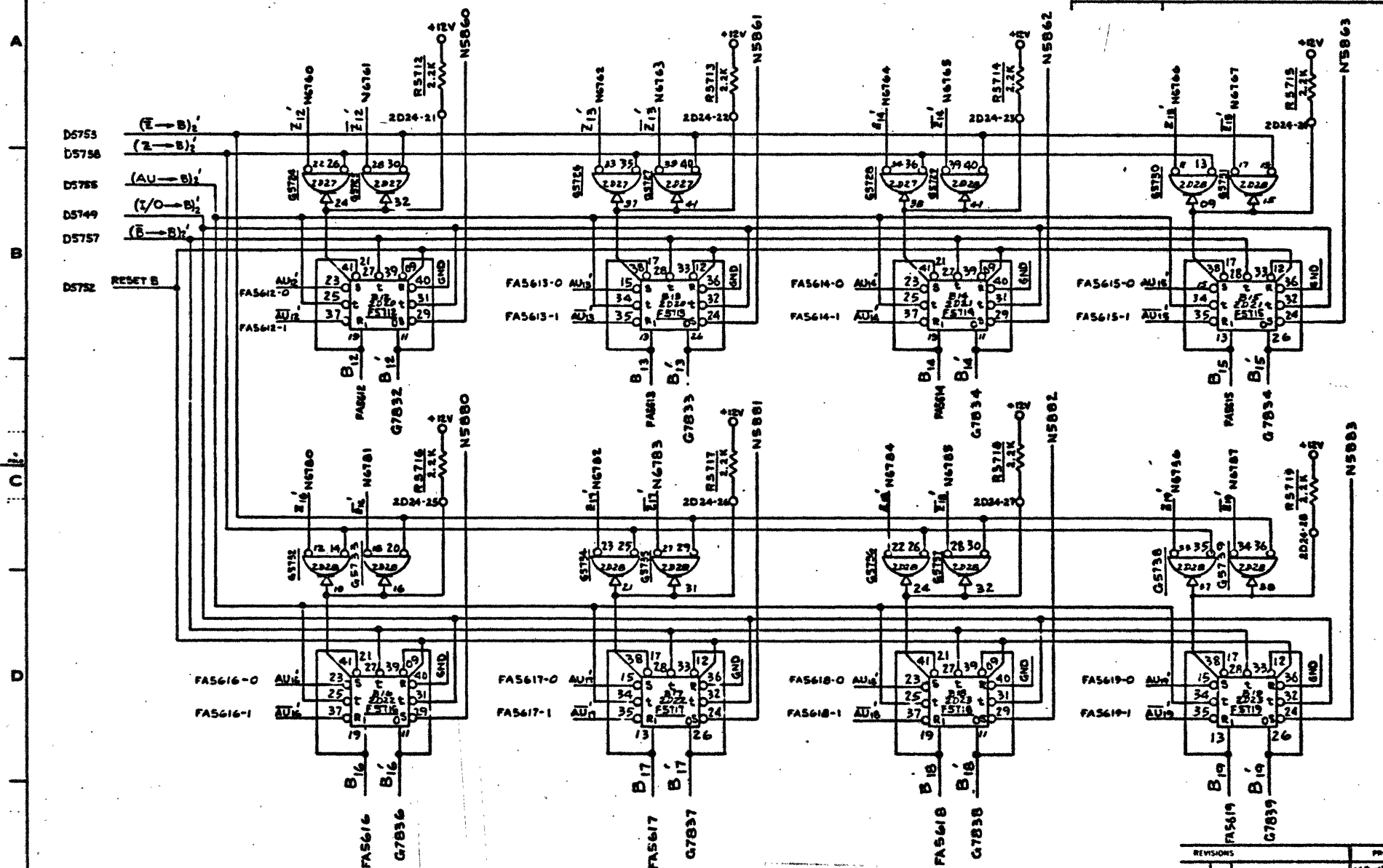
REDUCED SIZE  
PRINT  
DO NOT SCALE

REVISIONS	PRINTS TO
	H KB-17 S/RP



UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING -  
 TO DIMENSIONS OR UNLESS OTHERWISE SPECIFIED

APPLIED PRACTICES	SURFACES	FRACTIONS	DECIMALS	ANGLES
✓		+	+	+



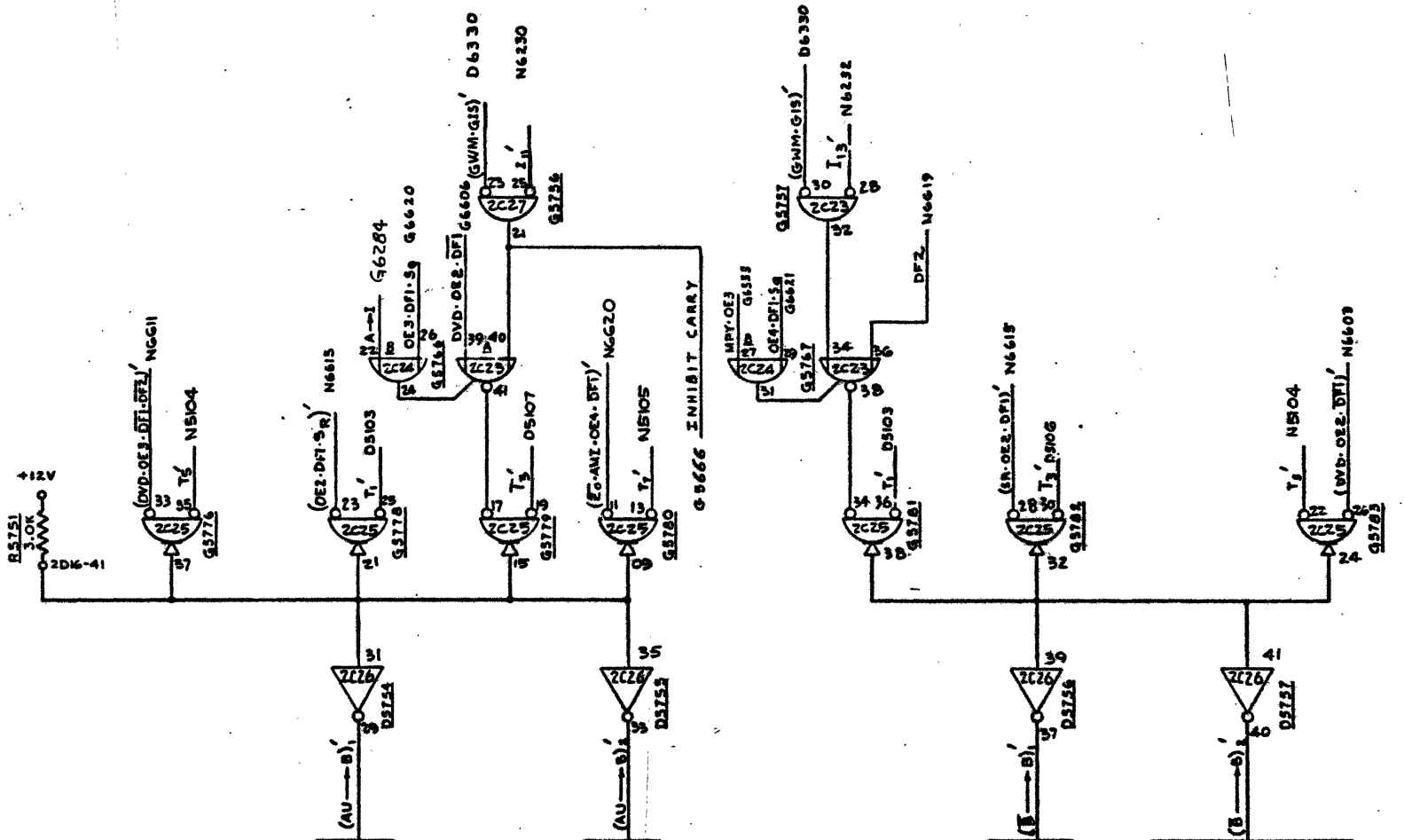
REDUCED SIZE  
 PRINT  
 DO NOT SCALE

REVISIONS	PRINTS TO
	K&T S&P



UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING —			
APPLIED PRACTICES	SURFACES	TOLERANCES ON DIMENSIONS	
		FRACTIONS	DECIMALS
✓		+	+

FIRST MADE FOR



- F5700
- F5701
- F5702
- F5703
- F5704
- F5705
- F5706
- F5707
- F5708
- F5709
- G6601

- F5710
- F5711
- F5712
- F5713
- F5714
- F5715
- F5716
- F5717
- F5718
- F5719

- F5700
- F5701
- F5702
- F5703
- F5704
- F5705
- F5706
- F5707
- F5708
- F5709

- F5710
- F5711
- F5712
- F5713
- F5714

- F5715
- F5716
- F5717
- F5718
- F5719

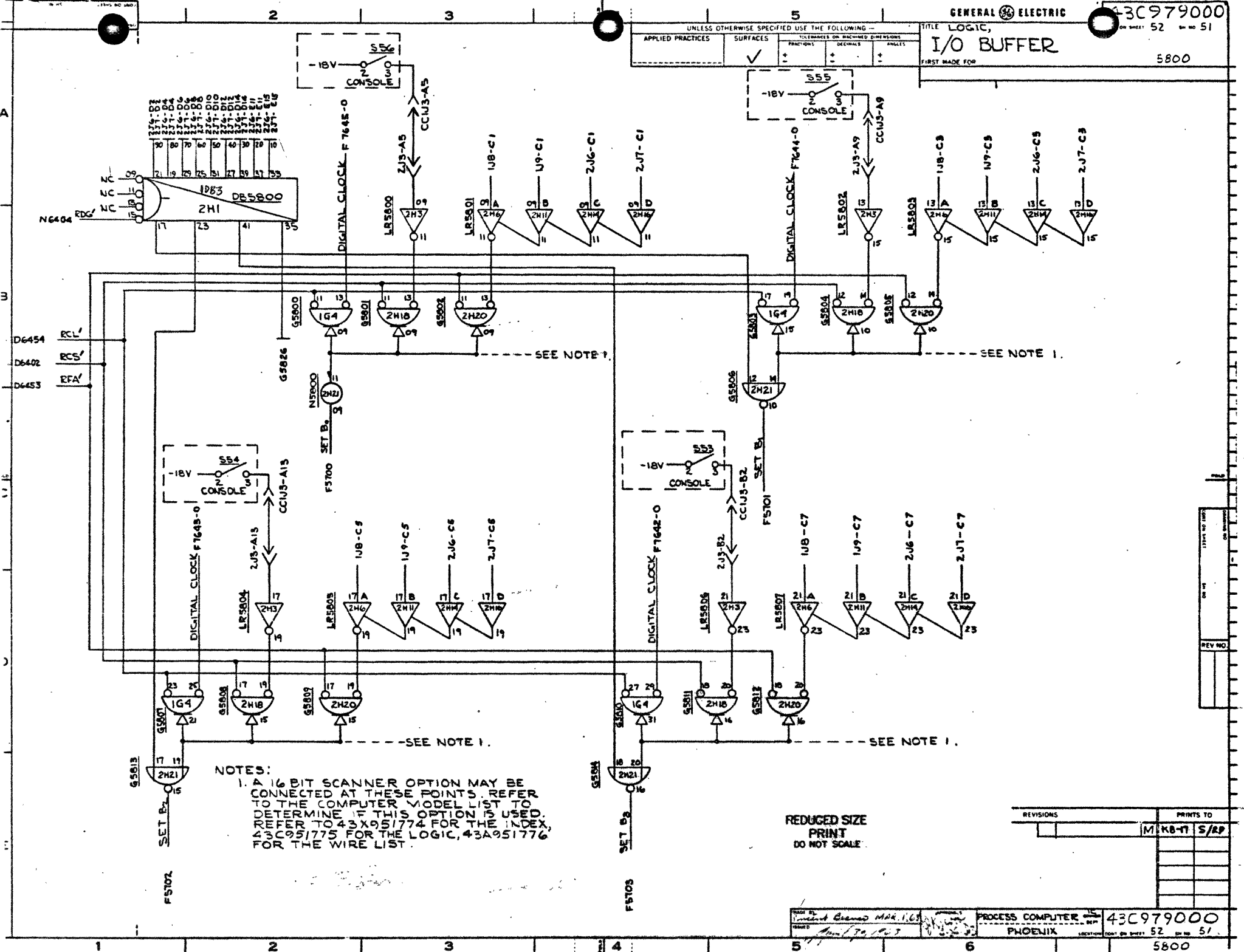
REDUCED SIZE  
PRINT  
DO NOT SCALE

REVISIONS	PRINTS TO
	KB-17 5/RP

APPLIED PRACTICES	UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING --		
SURFACES	TOLERANCES OR MACHINE DIMENSIONS	DECIMALS	FRACTIONS
✓		++	++

TITLE LOGIC,  
I/O BUFFER

FIRST MADE FOR



SEE NOTE 1.

SEE NOTE 1.

SEE NOTE 1.

SEE NOTE 1.

NOTES:  
 1. A 16 BIT SCANNER OPTION MAY BE CONNECTED AT THESE POINTS. REFER TO THE COMPUTER MODEL LIST TO DETERMINE IF THIS OPTION IS USED. REFER TO 43X951774 FOR THE INDEX, 43C951775 FOR THE LOGIC, 43A951776 FOR THE WIRE LIST.

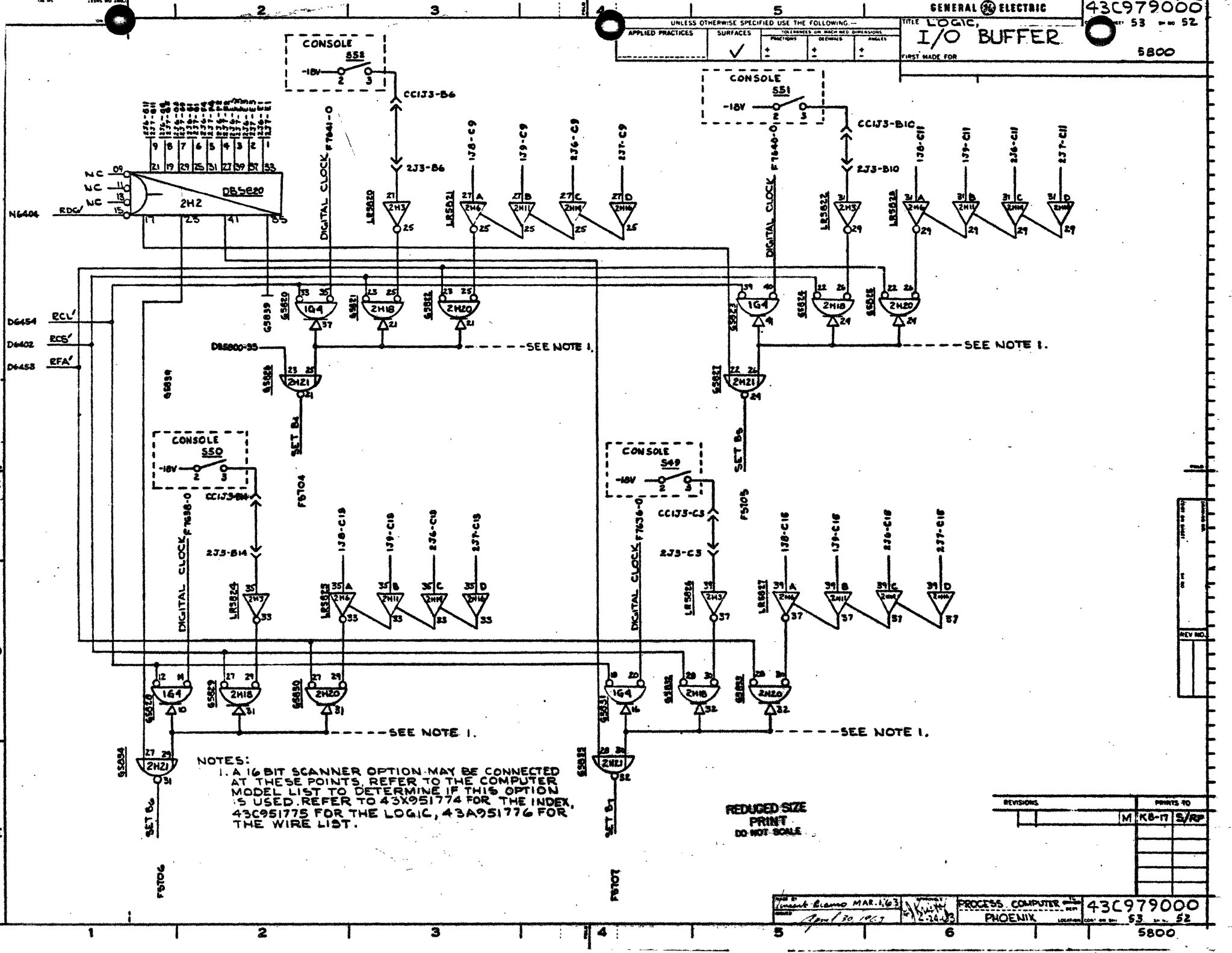
REDUCED SIZE  
 PRINT  
 DO NOT SCALE

REVISIONS	PRINTS TO
	M K8-17 S/AP

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING—			
APPLIED PRACTICES	SURFACES	TOLERANCES ON DIMENSIONS	ANGLES
✓	+	+	+

TITLE **LOGIC, I/O BUFFER**

FIRST MADE FOR 5800



NOTES:  
 1. A 16 BIT SCANNER OPTION MAY BE CONNECTED AT THESE POINTS, REFER TO THE COMPUTER MODEL LIST TO DETERMINE IF THIS OPTION IS USED, REFER TO 43X951774 FOR THE INDEX, 43C951775 FOR THE LOGIC, 43A951776 FOR THE WIRE LIST.

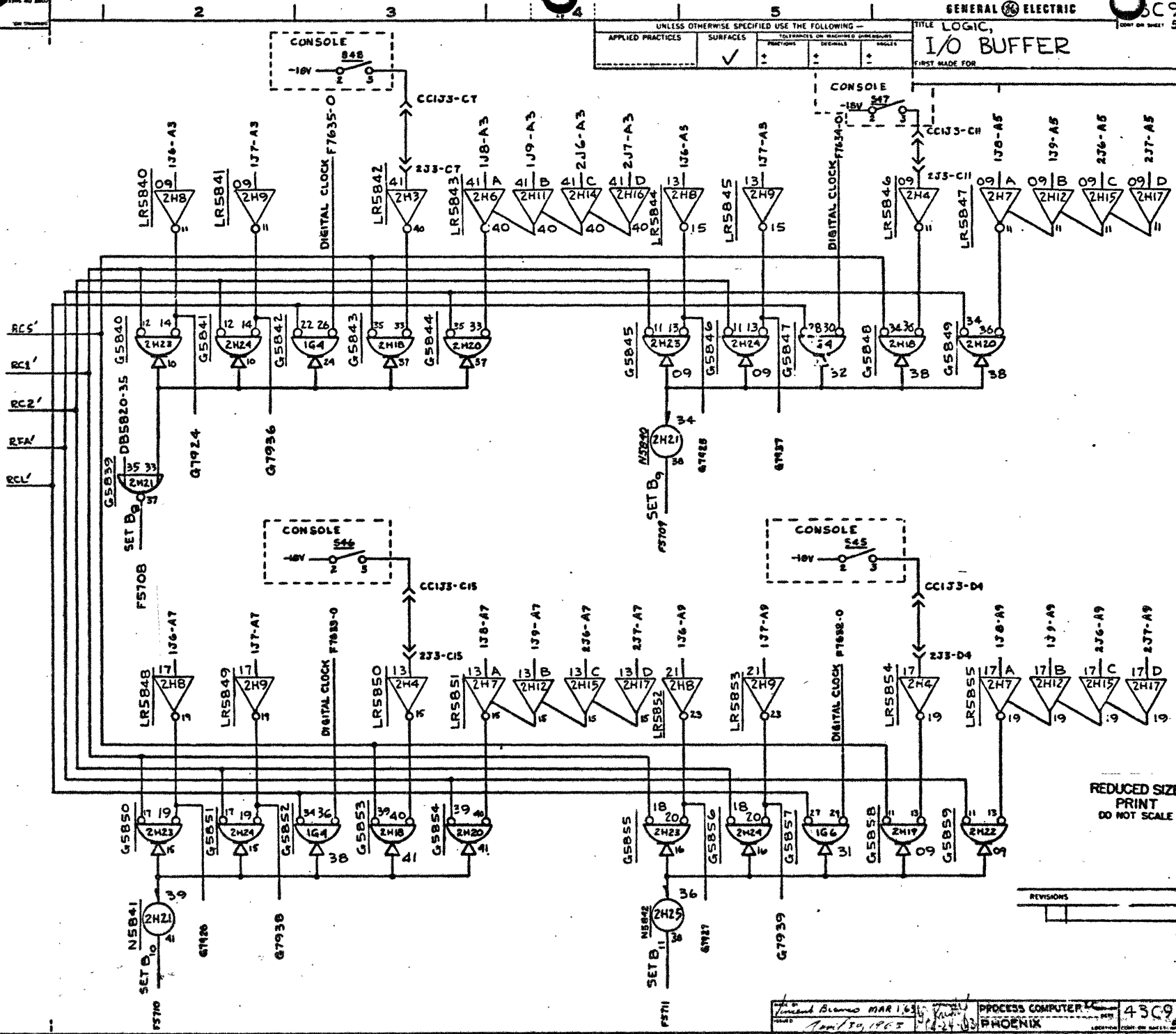
REDUCED SIZE  
 PRINT  
 DO NOT SCALE

REVISIONS	PRINTS TO
	M/K8-17 S/RP

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING --			
APPLIED PRACTICES	SURFACES	TOLERANCES ON DIMENSIONS UNLESS SPECIFIED	FINISHES
✓			

TITLE LOGIC,  
I/O BUFFER  
FIRST MADE FOR 5800

A  
B  
C  
D  
E



REDUCED SIZE  
PRINT  
DO NOT SCALE

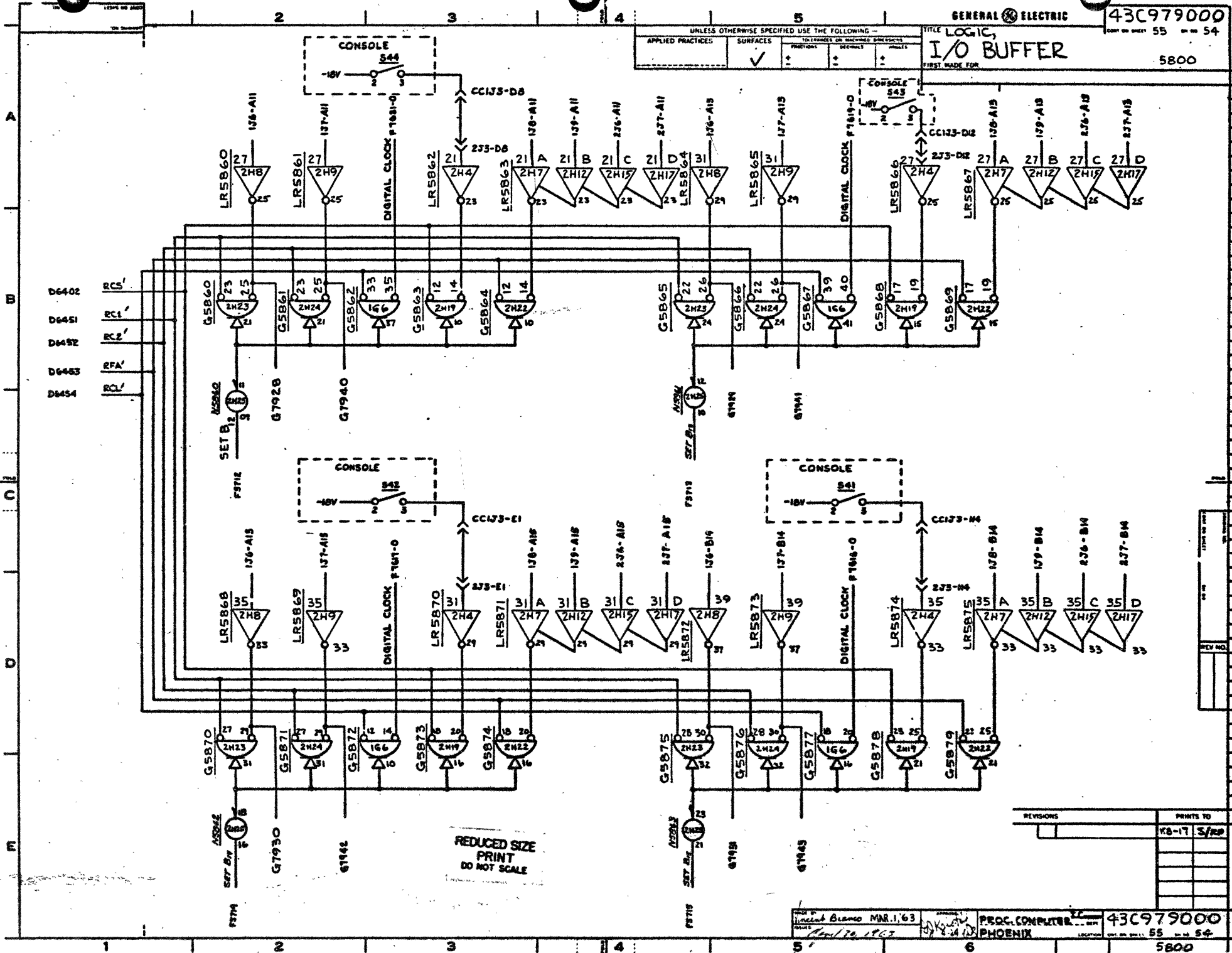
REVISIONS	PRINTS TO
	KE-17 5/RP

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING -		TOLERANCES ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	
APPLIED PRACTICES	SURFACES	FRACTIONS	DECIMALS
✓		+	+

TITLE LOGIC,  
I/O BUFFER

FIRST MADE FOR 5800

REV. NO. 55 - 54



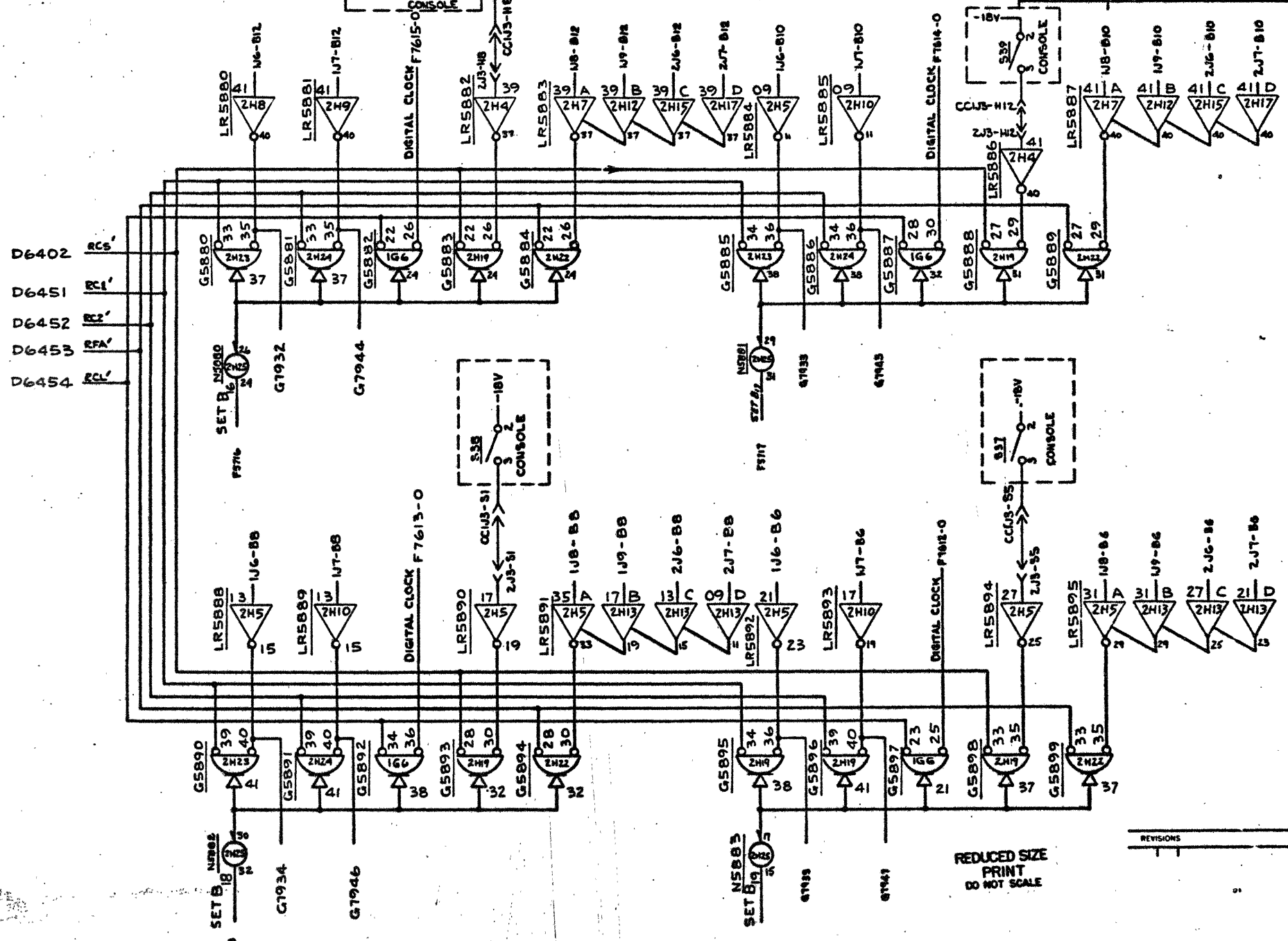
REDUCED SIZE  
PRINT  
DO NOT SCALE

REV. NO.	55 - 54
PRINTS TO	KB-17 S/RP
DATE	MAR. 1, 1963
PHOENIX	
43C979000	
5800	

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING -			
APPLIED PRACTICES	SURFACES	TOLERANCES ON MACHINED DIMENSIONS	ANGLES
✓		FRACTIONS DECIMALS ANGLES	
		+	+
		-	-

# TITLE LOGIC I/O BUFFER

5800

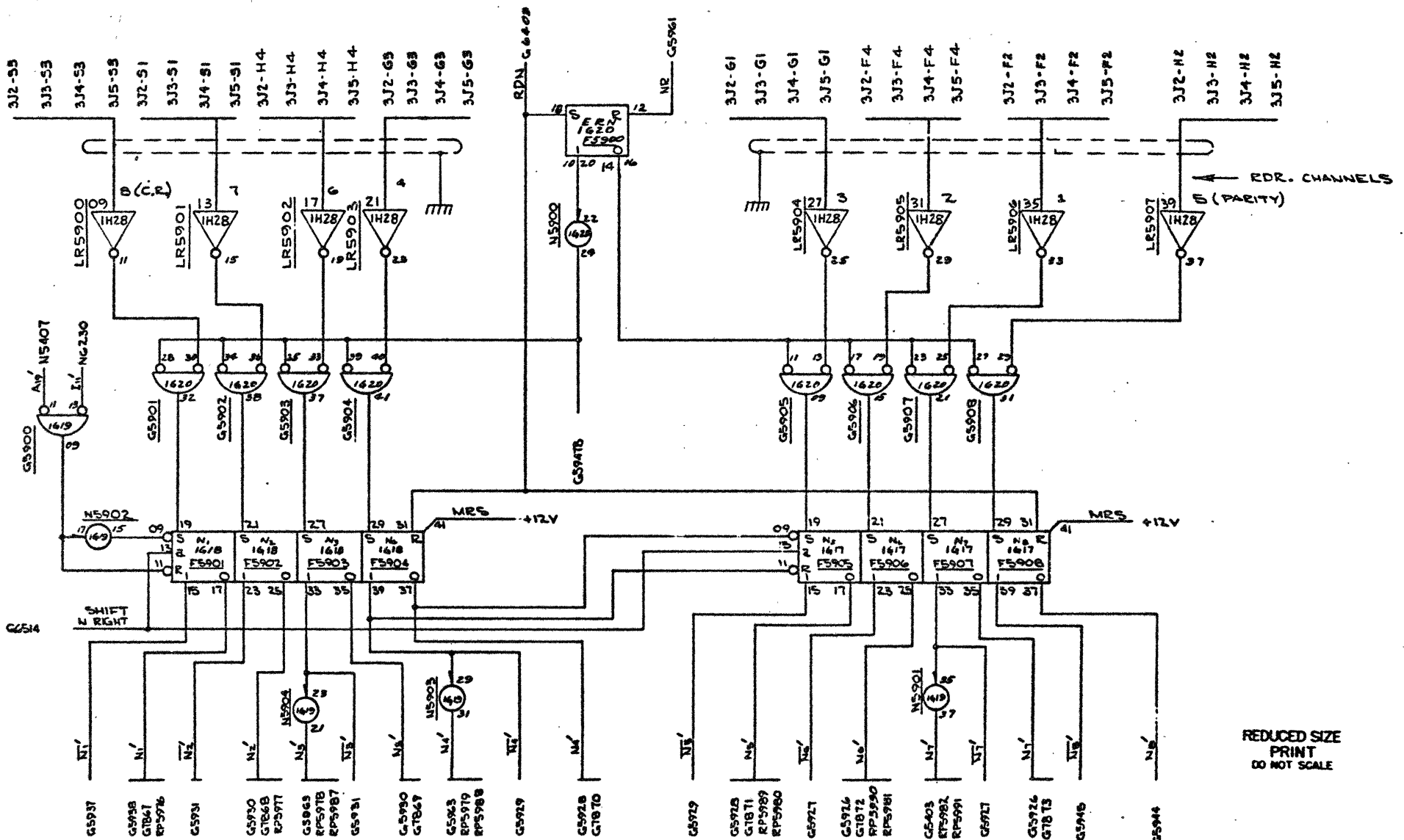


REDUCED SIZE  
PRINT  
DO NOT SCALE

REVISIONS	PRINTS TO



UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING —		
APPLIED PRACTICES	SURFACES	TOLERANCES ON DIMENSIONS
✓	✓	✓
FRACTIONS	DECIMALS	ANGLES
1/16"	0.001"	1/16°



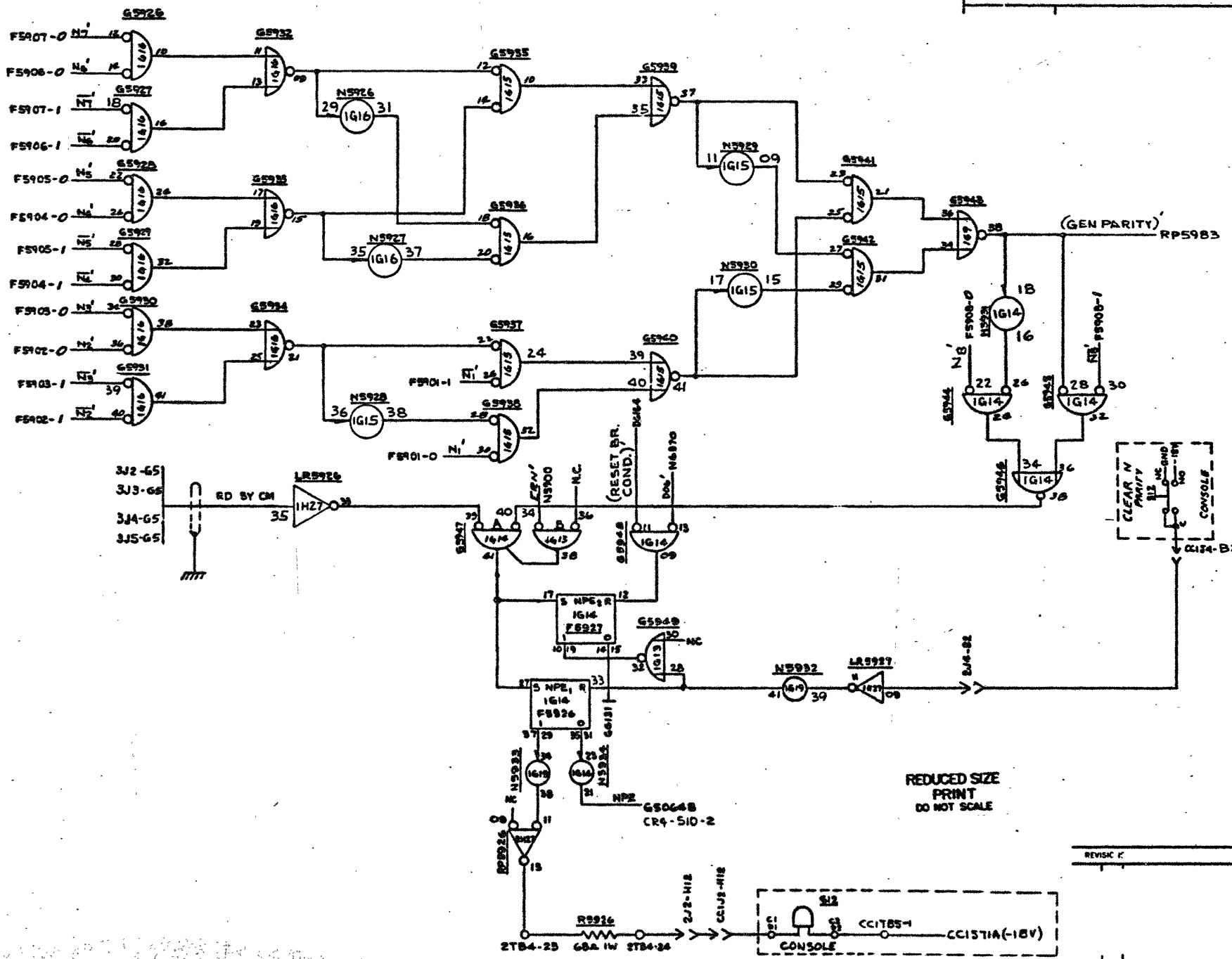
REDUCED SIZE  
 PRINT  
 DO NOT SCALE

REVISIONS	PRINTS TO

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING—			
APPLIED PRACTICES	SURFACES	TOLERANCES ON MACHINED DIMENSIONS	
		FRACTIONS	DIMENSIONAL
	✓	+	+

TITLE LOGIC,  
N REGISTER (PARITY)  
FIRST MADE FOR 5900

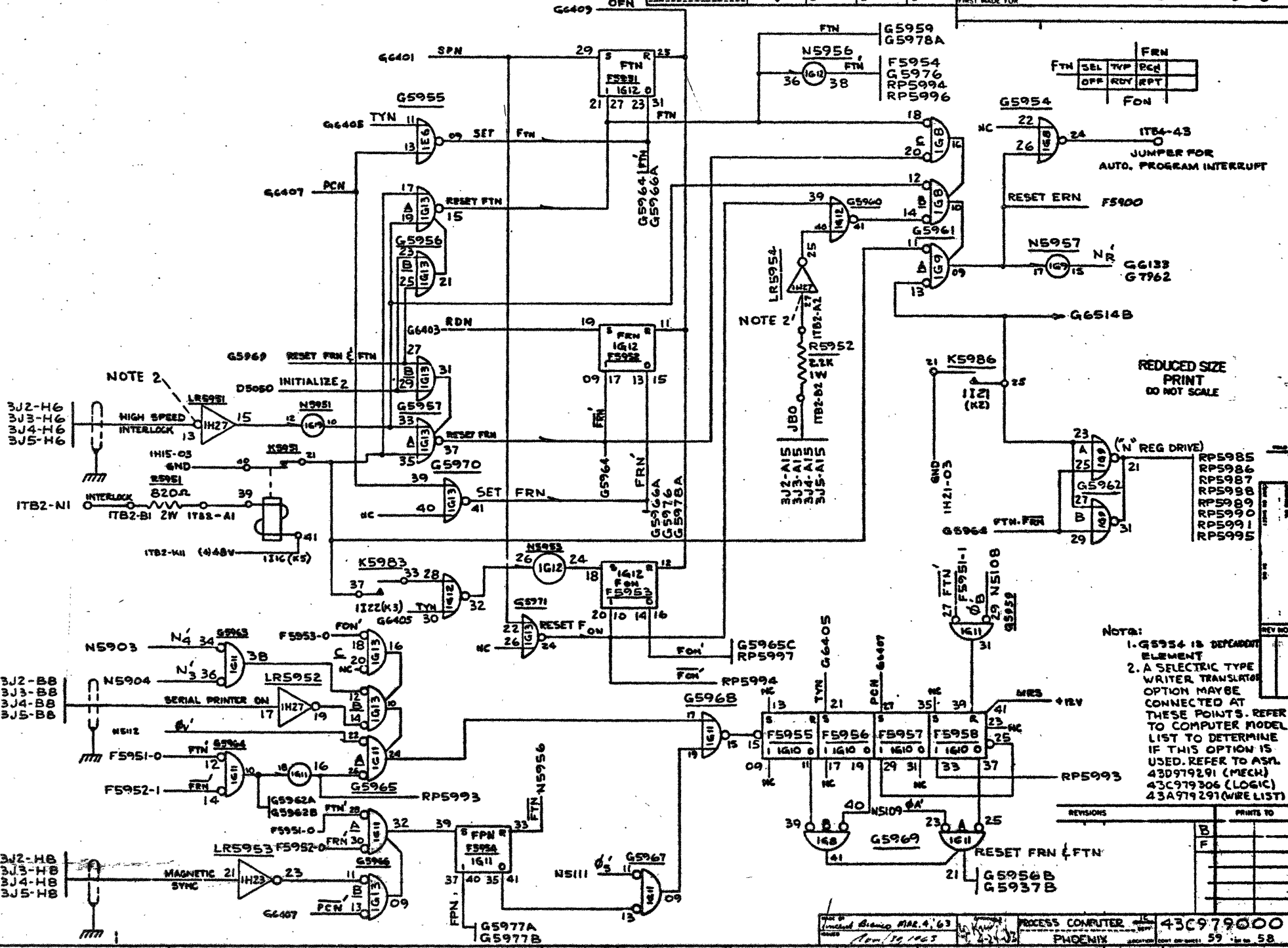
A  
B  
C  
D  
E



REDUCED SIZE  
PRINT  
DO NOT SCALE

REVISE	DATE	PRINTS

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING —  
 APPLIED PRACTICES SURFACES  
 INTERFACES ON MACHINED SURFACES  
 FRACTIONS DECIMALS ANGLES  
 ✓



NOTE 2

NOTE 2

REDUCED SIZE PRINT  
DO NOT SCALE

- NOTES:
1. G5954 IS DEPENDANT ELEMENT
  2. A SELECTRIC TYPE WRITER TRANSLATOR OPTION MAY BE CONNECTED AT THESE POINTS. REFER TO COMPUTER MODEL LIST TO DETERMINE IF THIS OPTION IS USED. REFER TO ASPL 430979291 (MECH) 43C979306 (LOGIC) 43A979291 (WIRE LIST)

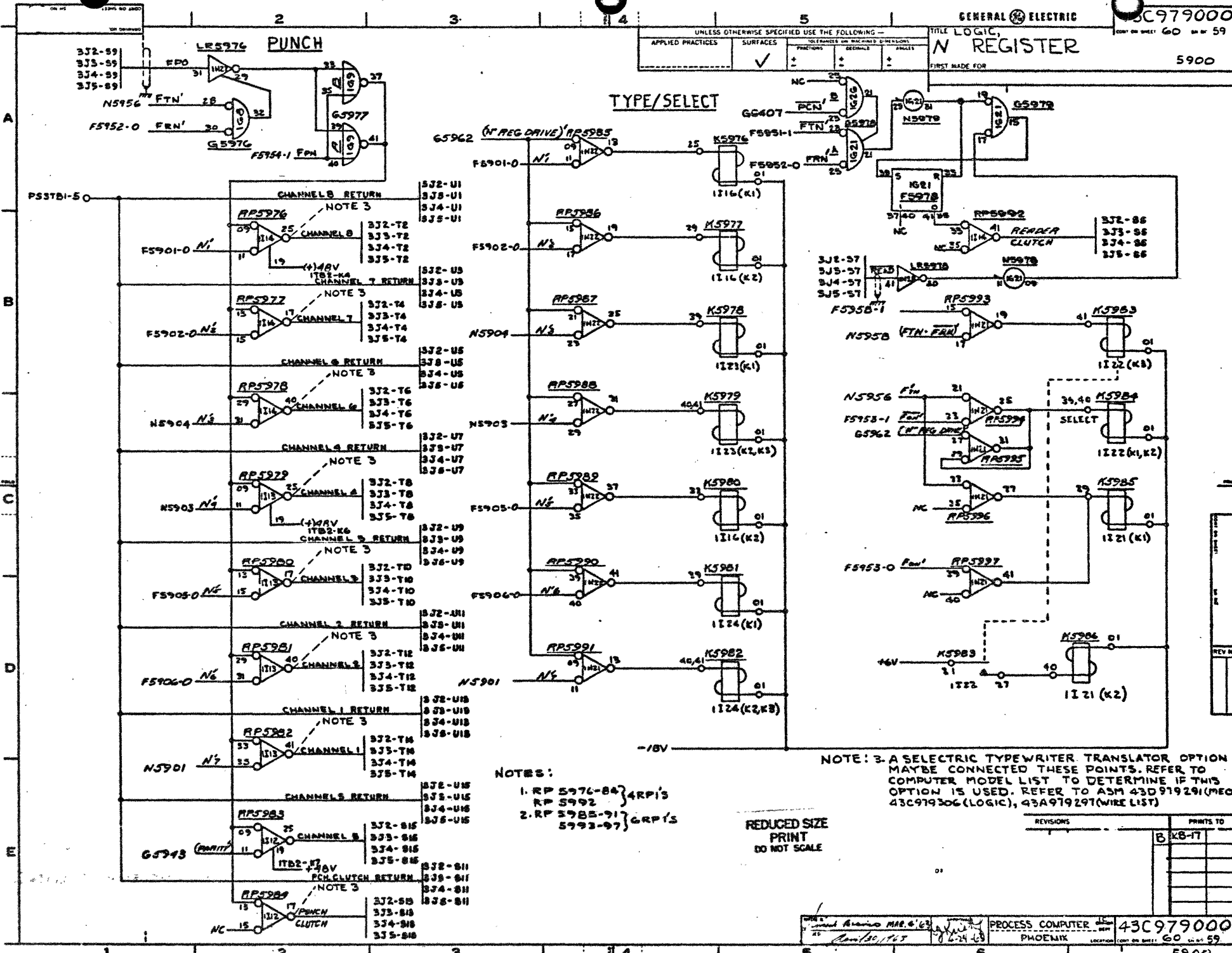
REVISIONS	PRINTS TO

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING —

APPLIED PRACTICES	SURFACES	NOTES	FUNCTIONS	DETAILS	FINISH
	✓				

TITLE LOGIC,  
N REGISTER

FIRST MADE FOR 5900



- NOTES:
1. RP 5976-84 } 4RP's  
RP 5992
  2. RP 5985-91 } 6RP's  
5993-97

NOTE: 3-A SELECTRIC TYPEWRITER TRANSLATOR OPTION MAYBE CONNECTED THESE POINTS. REFER TO COMPUTER MODEL LIST TO DETERMINE IF THIS OPTION IS USED. REFER TO ASM 43D919291(MECH) 43C979306 (LOGIC), 43A979297(WIRE LIST)

REDUCED SIZE  
PRINT  
DO NOT SCALE

REVISIONS	PRINTS TO
	B K8-17

GENERAL ELECTRIC

43C979000

PRINTED ON SHEET 61 OF 60

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING—

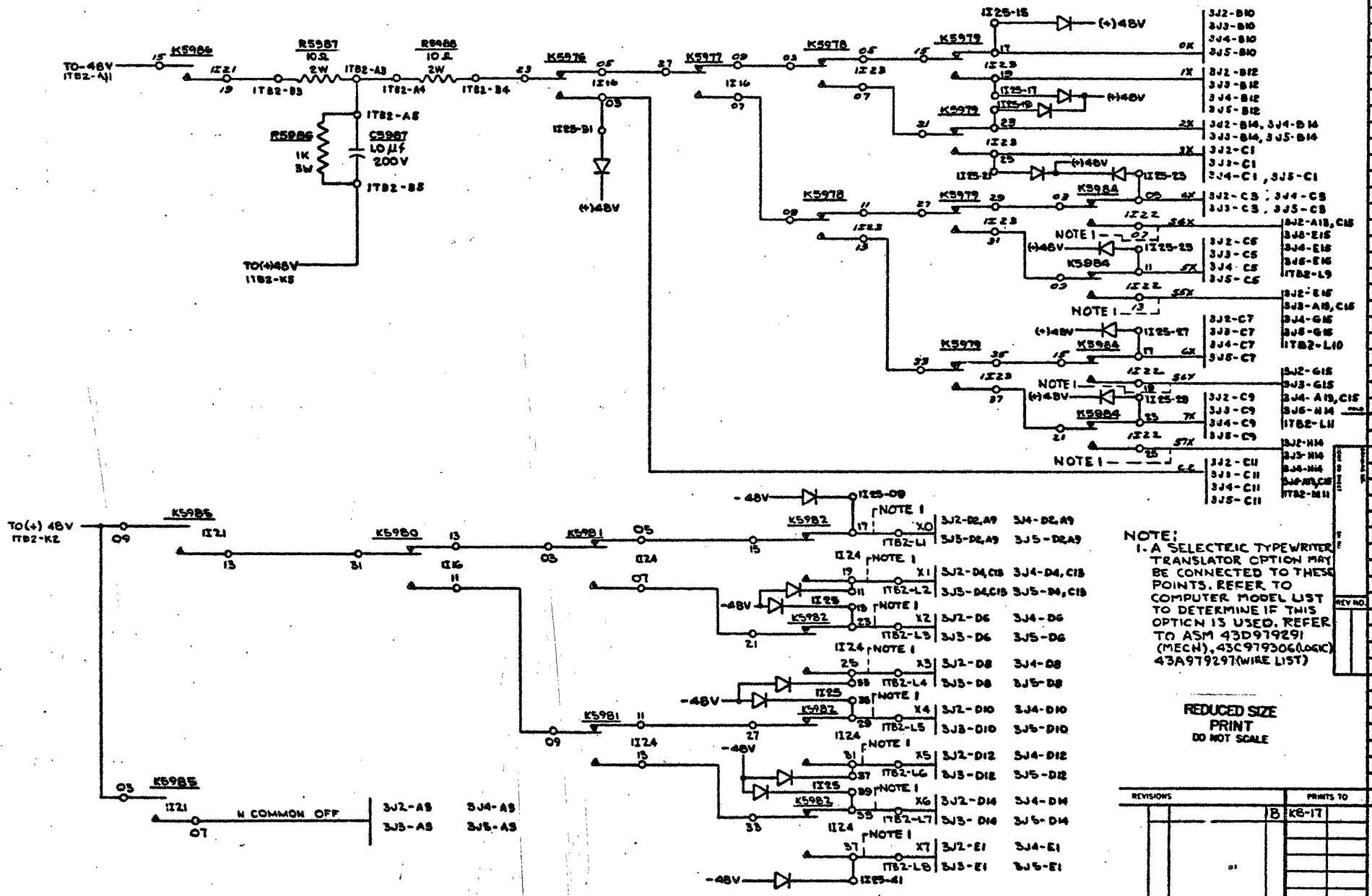
APPLIED PRACTICES	SURFACES	FRACTIONS	DECIMALS	ANGLES
✓	✓	+	+	+

TITLE LOGIC,  
N REGISTER

FIRST MADE FOR

5900

A  
B  
C  
D  
E



NOTE:  
1. A SELECTRIC TYPEWRITER TRANSLATOR OPTION MAY BE CONNECTED TO THESE POINTS. REFER TO COMPUTER MODEL LIST TO DETERMINE IF THIS OPTION IS USED. REFER TO ASM 43D979291 (MECH), 43C979306 (LOGIC), 43A979297 (WIRE LIST)

REDUCED SIZE  
PRINT  
DO NOT SCALE

REVISIONS	PRINTS TO
	B K6-17

2

3

5

GENERAL ELECTRIC

979000  
62 - 61

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING -

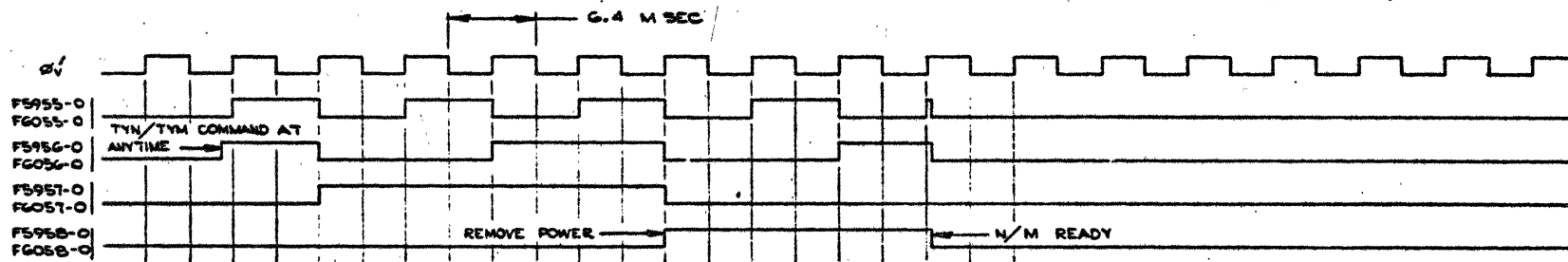
APPLIED PRACTICES	SURFACES	TOLERANCES ON UNLESS OTHERWISE SPECIFIED		
	✓	FRACTIONS	DECIMALS	ANGLES
		:	:	:

TITLE LOGIC  
**MEN TIMING**  
FIRST MADE FOR

5900

SERIAL PRINTER TIMING

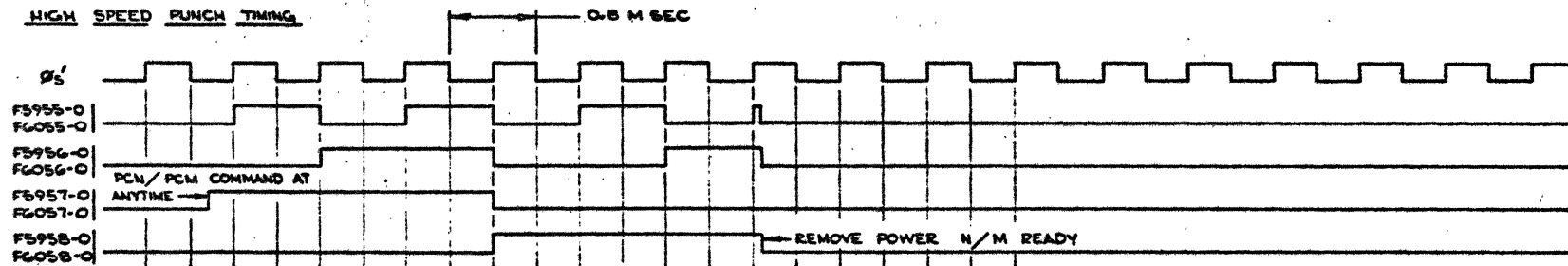
A



B

HIGH SPEED PUNCH TIMING

C



D

E

REDUCED SIZE  
PRINT  
DO NOT SCALE

REVISIONS	PRINTS TO
	KB-11 S/RP

1

2

3

4

5

6

5900

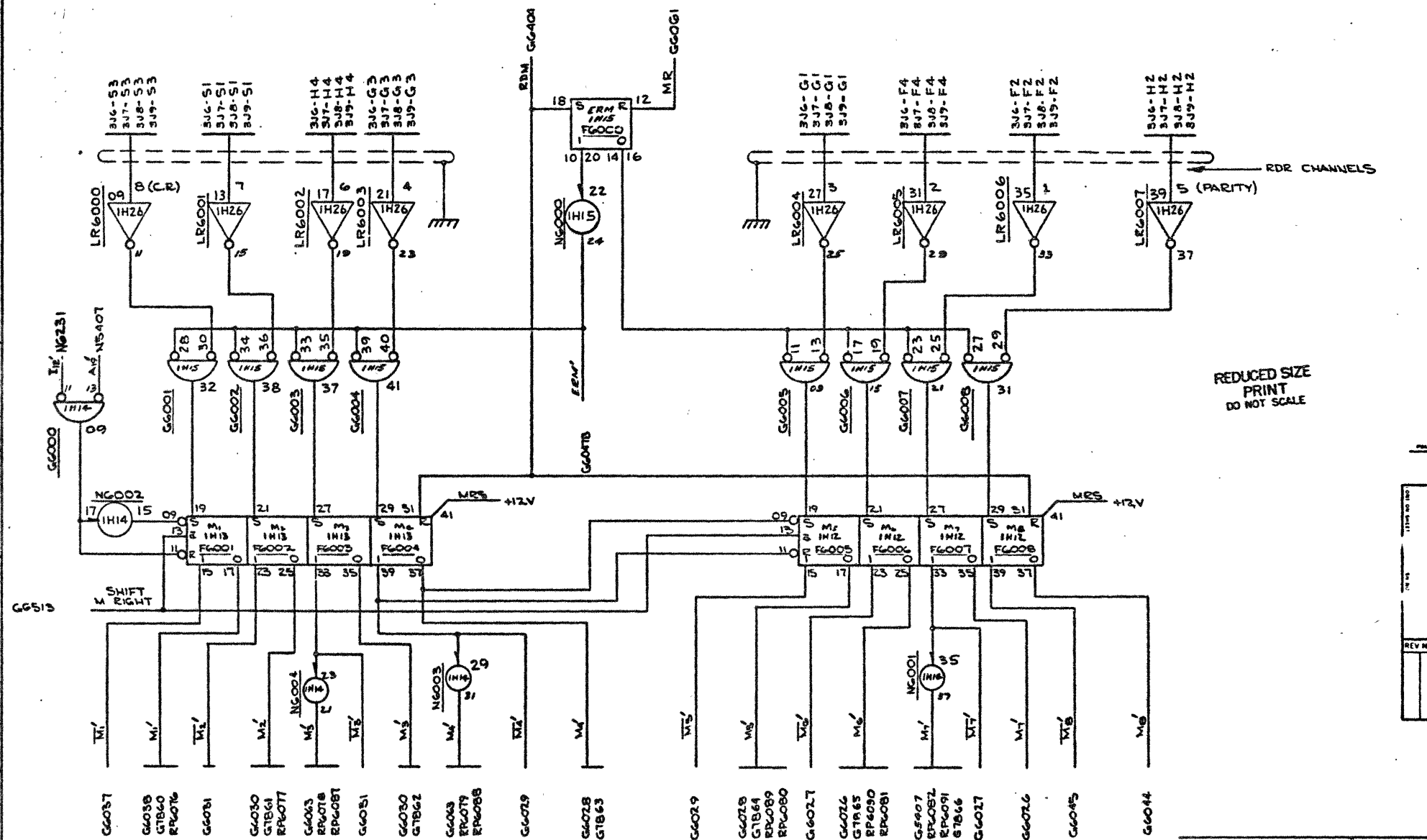
UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING -

APPLIED PRACTICES	TOLERANCES ON MACHINE DIMENSIONS		
SURFACES	FRACTIONS	DECIMALS	ANGLES
✓	+	+	+

TITLE LOGIC,  
M REGISTER

FIRST MADE FOR

6000



REDUCED SIZE  
PRINT  
DO NOT SCALE

REV NO.	REVISIONS	PRINTS TO
		KB-17 S/RP

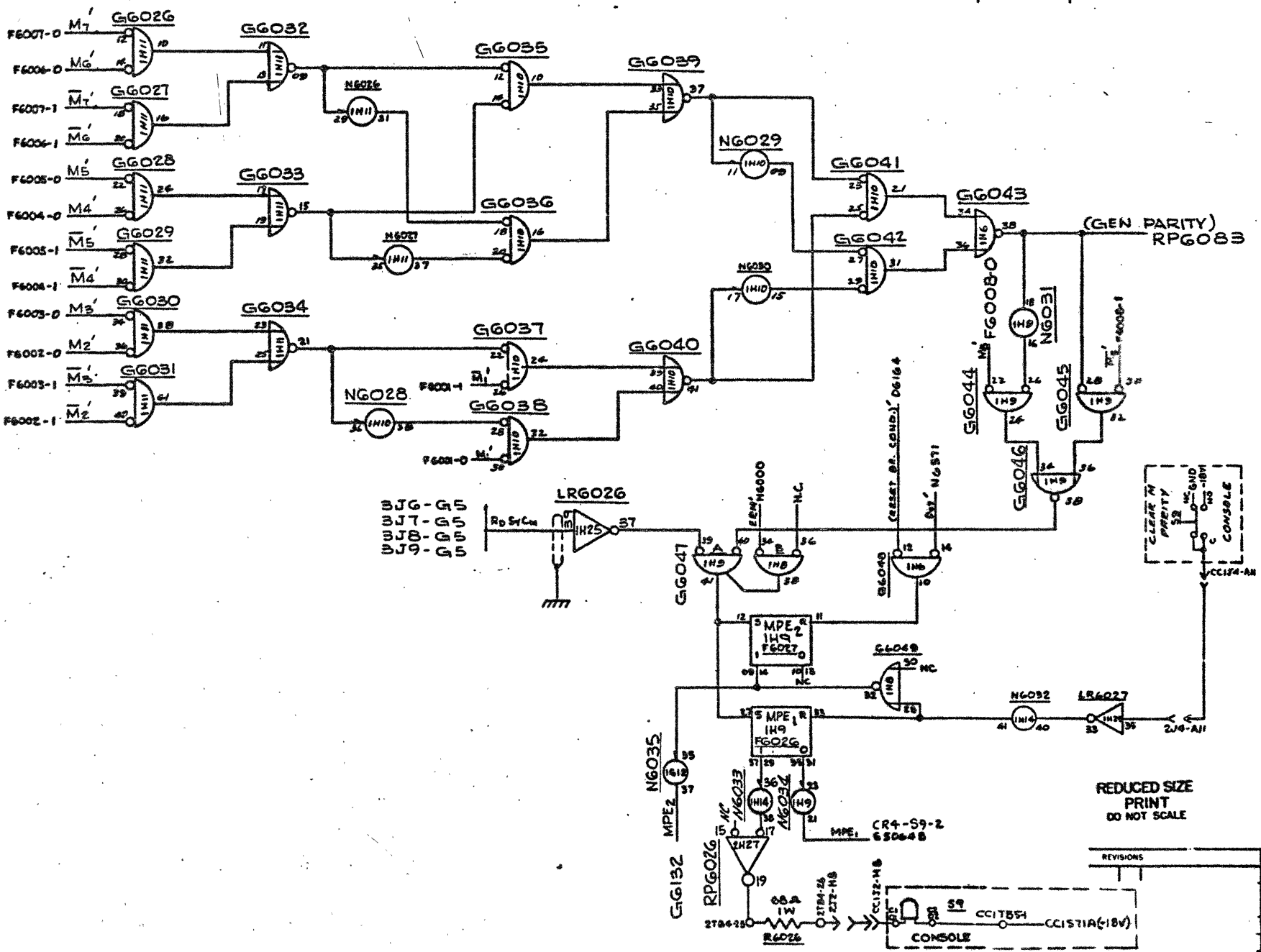
  

DATE	APPROVED	PROCESS COMPUTER	43C979000
March 30, 1965	[Signature]	PHOENIX LOCATION	SHEET 63 OF 62
			6000

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING —

APPLIED PRACTICES	SURFACES	TOLERANCES ON MACHINED DIMENSIONS		
		FRACTIONS	DECIMALS	ANGLES
✓		+	+	+

TITLE LOGIC  
**M. REGISTER (PARITY)**  
FIRST MADE FOR 6000



BJG - G 5  
WJT - G 5  
J8 - G 5  
J9 - G 5

REDUCED SIZE  
PRINT  
DO NOT SCALE

REVISIONS	PRINTS TO
	KB-17 S/RP

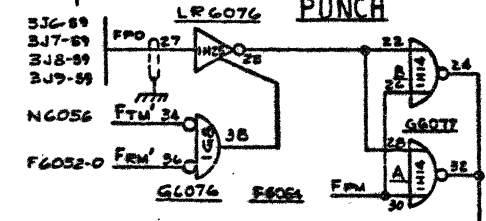




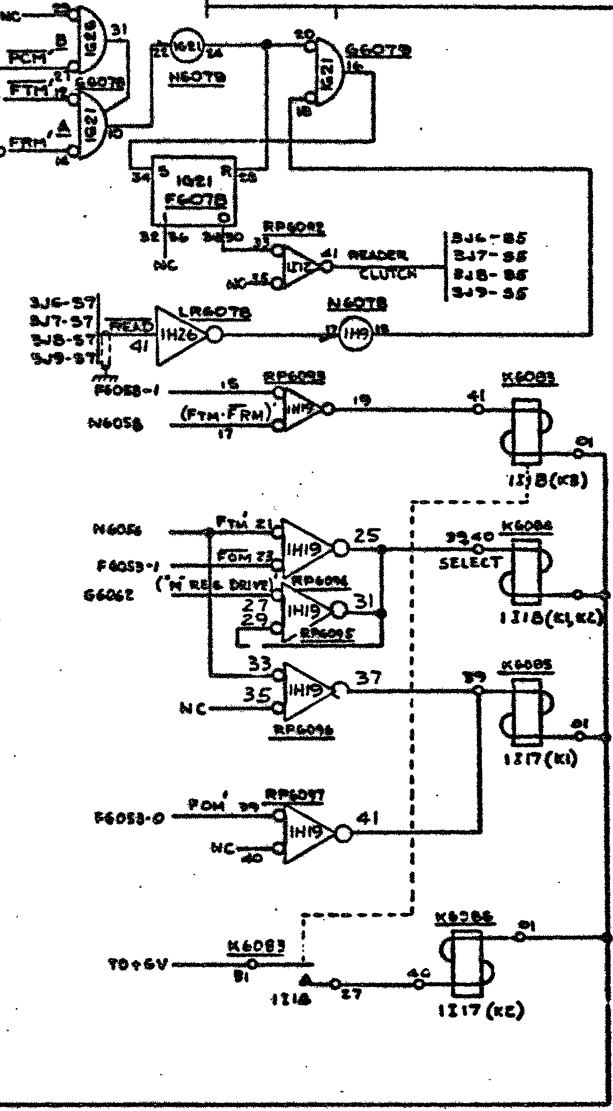
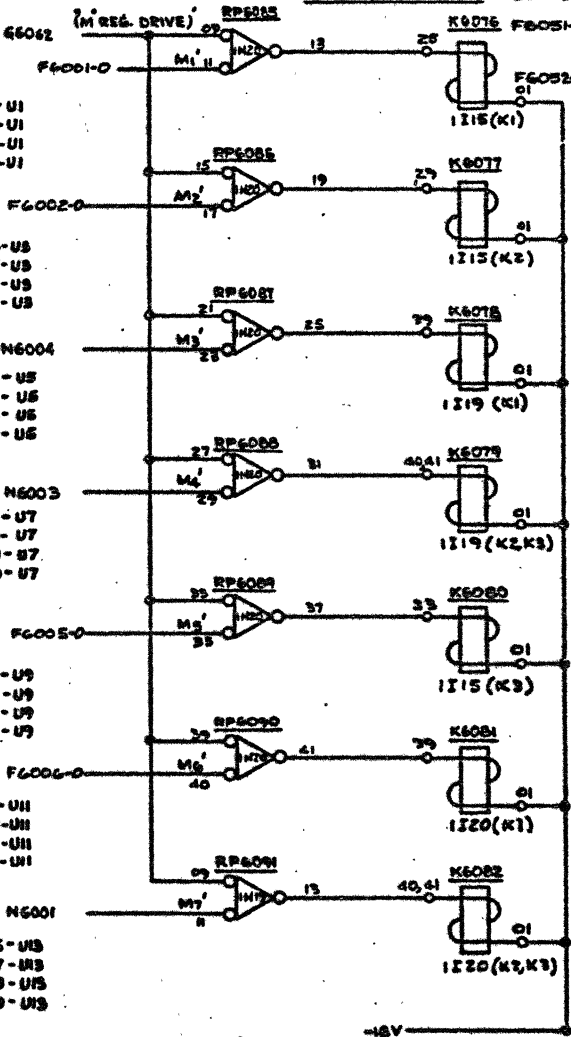
UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING --			
APPLIED PRACTICES	SURFACES	TOLERANCES ON DIMENSIONS	ANGLES
	✓	±	±

TITLE LOGIC  
**M REGISTER**  
 FIRST MADE FOR 6000

**PUNCH**



**TYPE/SELECT**



- NOTE:**
1. R66076-84 } 4RP1's  
R66092
  2. R66085-91 } 6RP1's  
R66097
  3. A SELECTRIC TYPEWRITER TRANSLATOR OPTION MAY BE CONNECTED TO THESE POINTS. REFER TO COMPUTER MODEL LIST TO DETERMINE IF THIS OPTION IS USED. REFER TO ASM 43D979291 (MECH) 43C979305 (LOGIC) AND 43A979267 (WIRE LIST).

REDUCED SIZE  
 PRINT  
 DO NOT SCALE

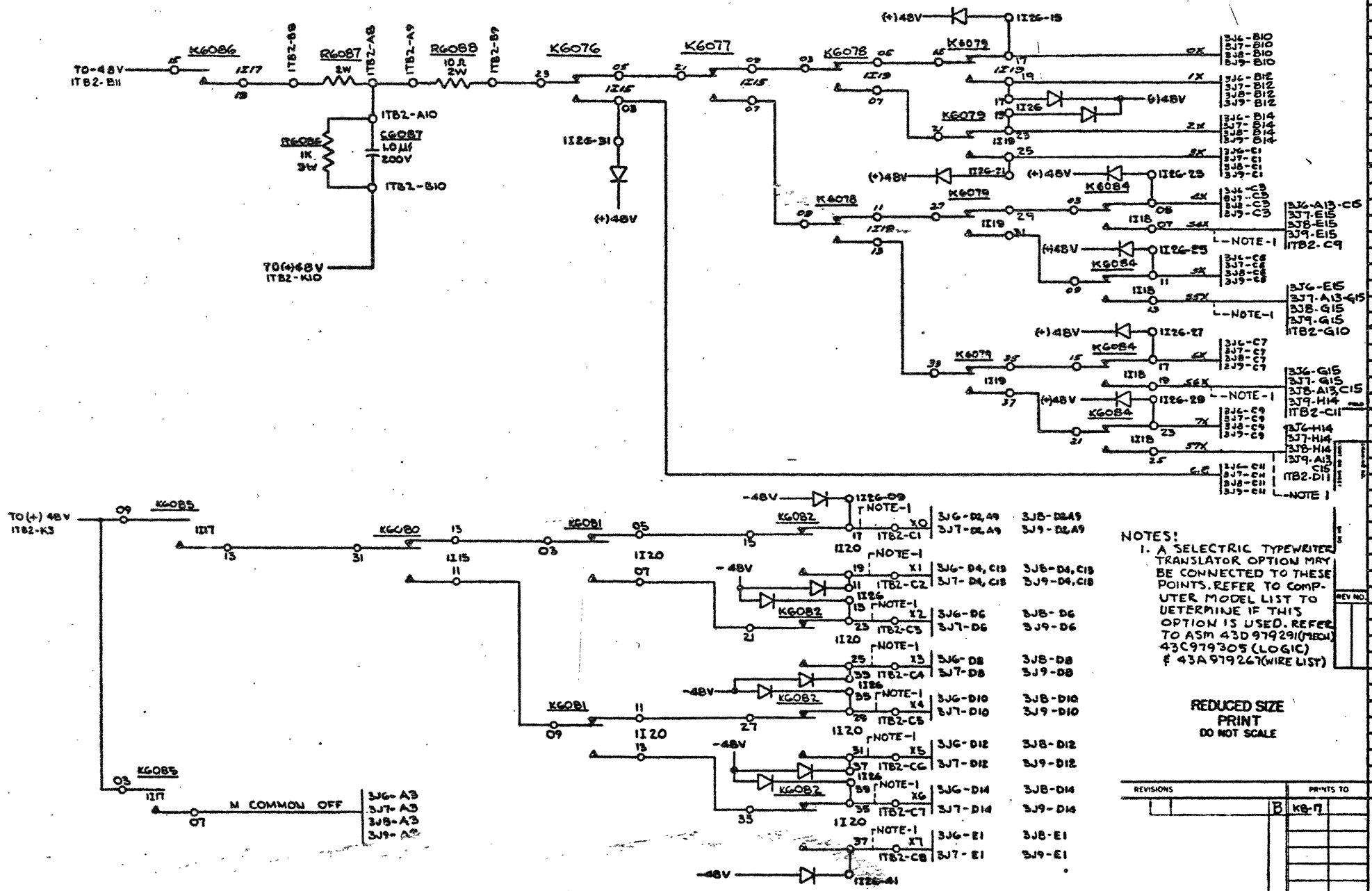
REVISIONS	POINTS TO
	B ka-n

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING --

APPLIED PRACTICES	SURFACES	TOLERANCES OR MACHINED DIMENSIONS		
		FRACTIONS	DECIMALS	ANGLES
✓		±	±	±

M REGISTER  
 FIRST MADE FOR 6000

A  
B  
C  
D



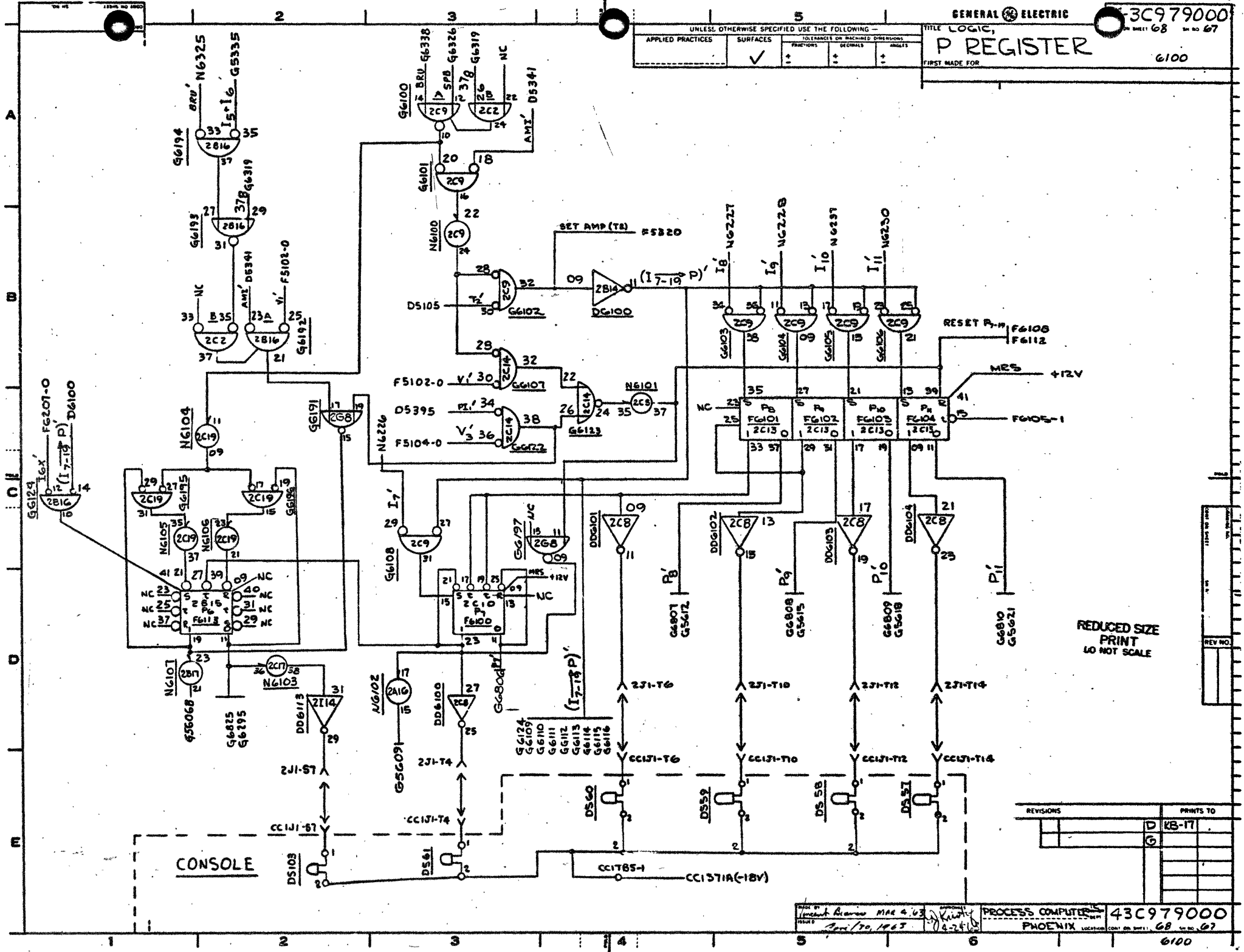
NOTES:  
 1. A SELECTRIC TYPEWRITER TRANSLATOR OPTION MAY BE CONNECTED TO THESE POINTS. REFER TO COMPUTER MODEL LIST TO DETERMINE IF THIS OPTION IS USED. REFER TO ASM 43D 97929(TECH) 43C979305 (LOGIC) & 43A979267 (WIRE LIST)

REDUCED SIZE  
 PRINT  
 DO NOT SCALE

REVISIONS	PRINTS TO
	B K6-7

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING —		
APPLIED PRACTICES	SURFACES	TOLERANCES ON MACHINED DIMENSIONS
	✓	FRACTIONS DECIMALS ANGLES

TITLE LOGIC  
**P REGISTER**  
 FIRST MADE FOR 6100



REDUCED SIZE  
 PRINT  
 DO NOT SCALE

REVISIONS	PRINTS TO
	D KB-17
	G

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING --

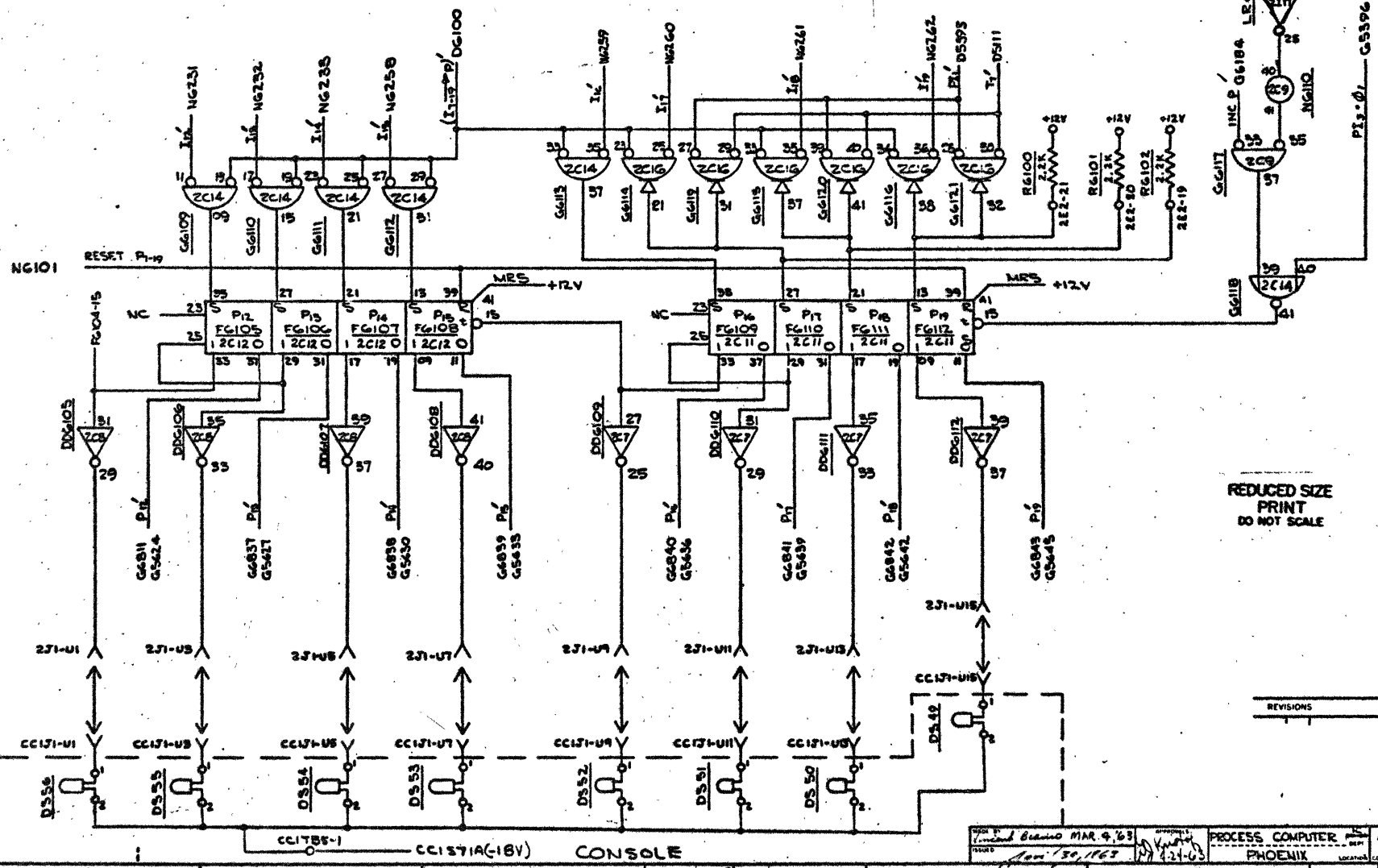
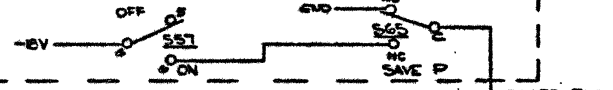
APPLIED PRACTICES	SURFACES	TOLERANCES ON MEASURED DIMENSIONS		
		FRACTIONS	DECIMALS	ANGLES
✓	✓	± .005	± .005	± .005

TITLE LOGIC,  
P REGISTER

FIRST MADE FOR 6100

CONSOLE

KEY SWITCH



REDUCED SIZE PRINT  
DO NOT SCALE

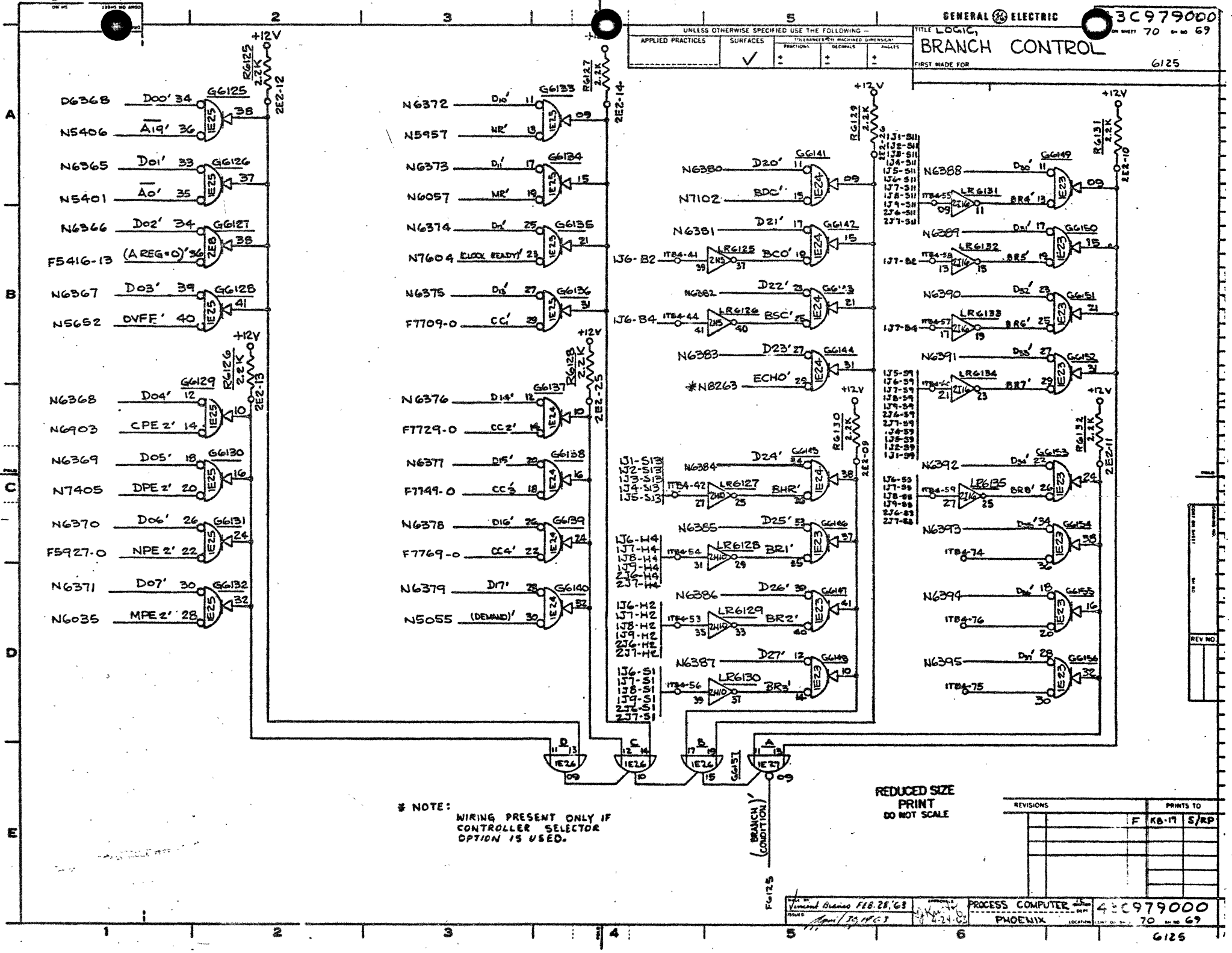
REVISIONS	PRINTS TO
	KB-17 5/RP

TITLE LOGIC, BRANCH CONTROL

FIRST MADE FOR

6125

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING—			
APPLIED PRACTICES	SURFACES	TOLERANCES UNLESS OTHERWISE SPECIFIED	
		FRACTIONS	DECIMALS
		+	+



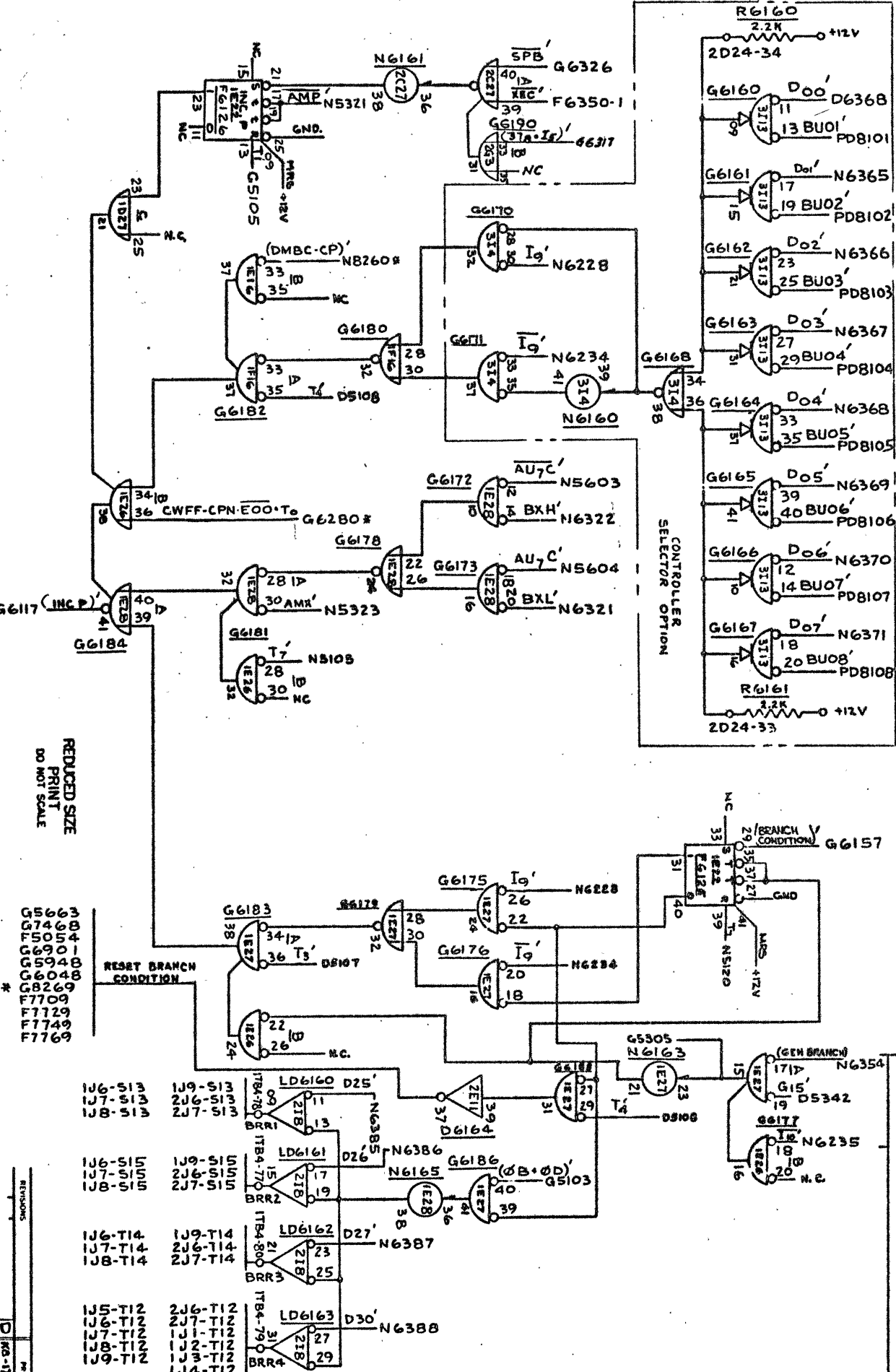
\* NOTE:  
WIRING PRESENT ONLY IF  
CONTROLLER SELECTOR  
OPTION IS USED.

REDUCED SIZE  
PRINT  
DO NOT SCALE

REVISIONS		PRINTS TO	
		F	K8-17 S/RP

\* NOTE: WIRING PRESENT ONLY IF CONTROLLER SELECTOR OPTION IS USED.

REDUCED SIZE  
PRINT  
DO NOT SCALE



REVISIONS

NO.	DATE	DESCRIPTION
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

PRINTS TO

NO.	DATE	DESCRIPTION
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

43C979000

6/25

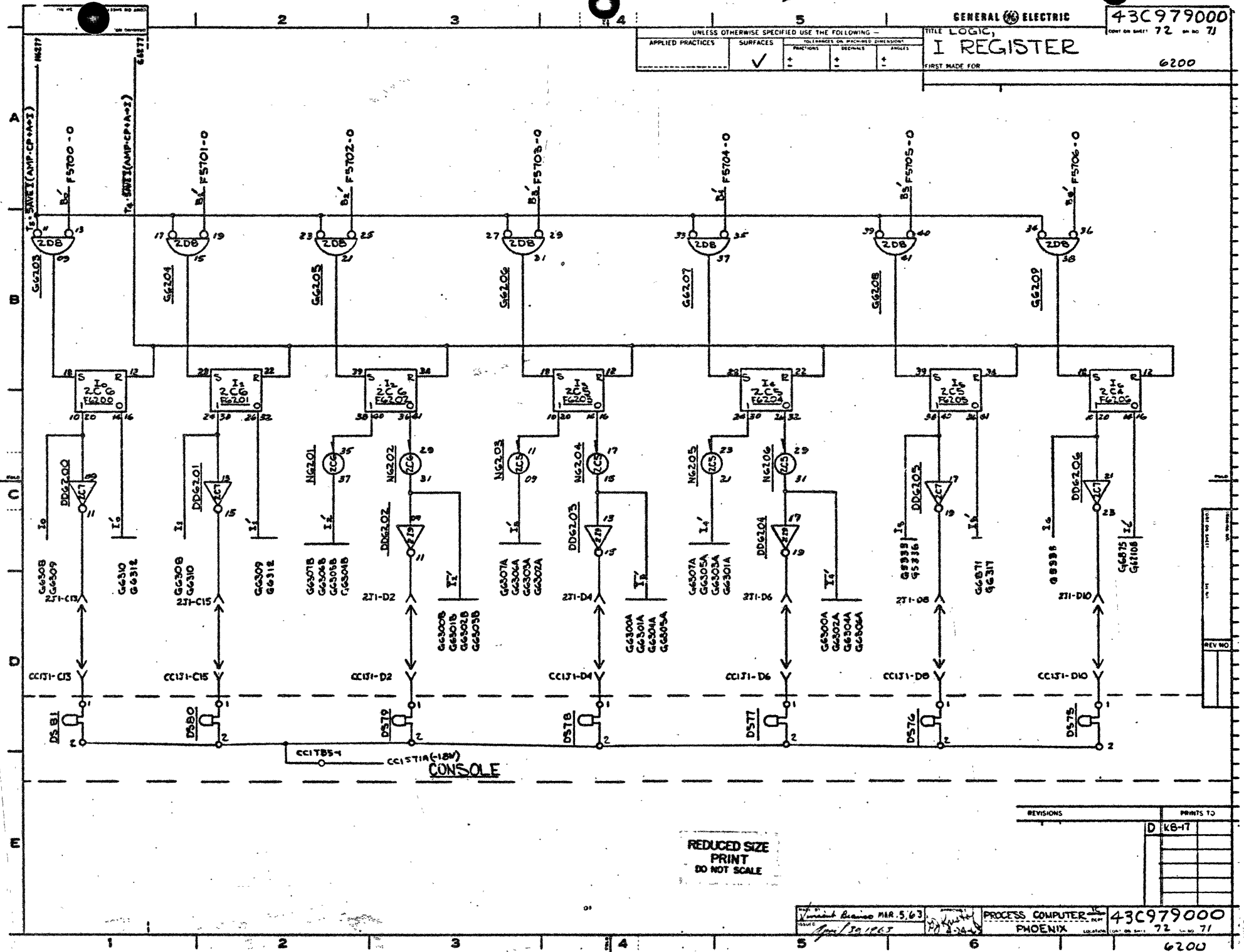
UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING -  
APPLIED PRACTICES SURFACES FINISHES OR MATERIALS  
FIRST MADE FOR

GENERAL ELECTRIC  
TITLE LOGIC  
BRANCH CONTROL  
43C979000  
REV. 71  
6/25

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING -			
APPLIED PRACTICES	SURFACES	TOLERANCES ON DIMENSIONS	
✓	✓	FRACTIONS	DECIMALS
		+	+
		-	-
		ANGLES	
			+
			-

TITLE LOGIC  
**I REGISTER**  
 FIRST MADE FOR

6200



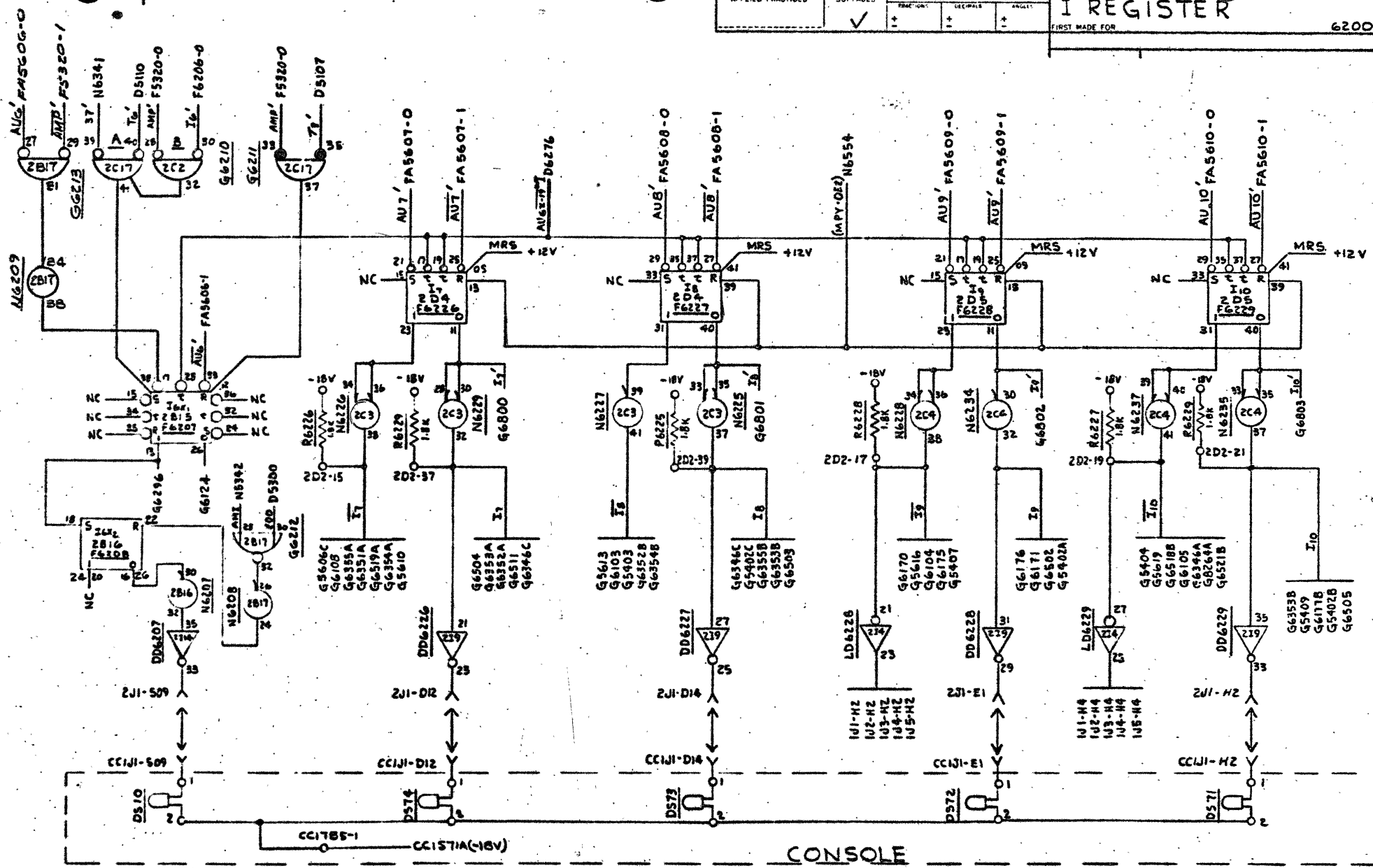
REDUCED SIZE  
 PRINT  
 DO NOT SCALE

REVISIONS	PRINTS TO
	D KB-17



UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING:		DIMENSIONS IN MILLIMETERS	
APPLIED PRACTICES	SURFACES	FRACTIONS	DECIMALS
		+	+
		-	-

TITLE LOGIC  
I REGISTER  
FIRST MADE FOR 6200



CONSOLE

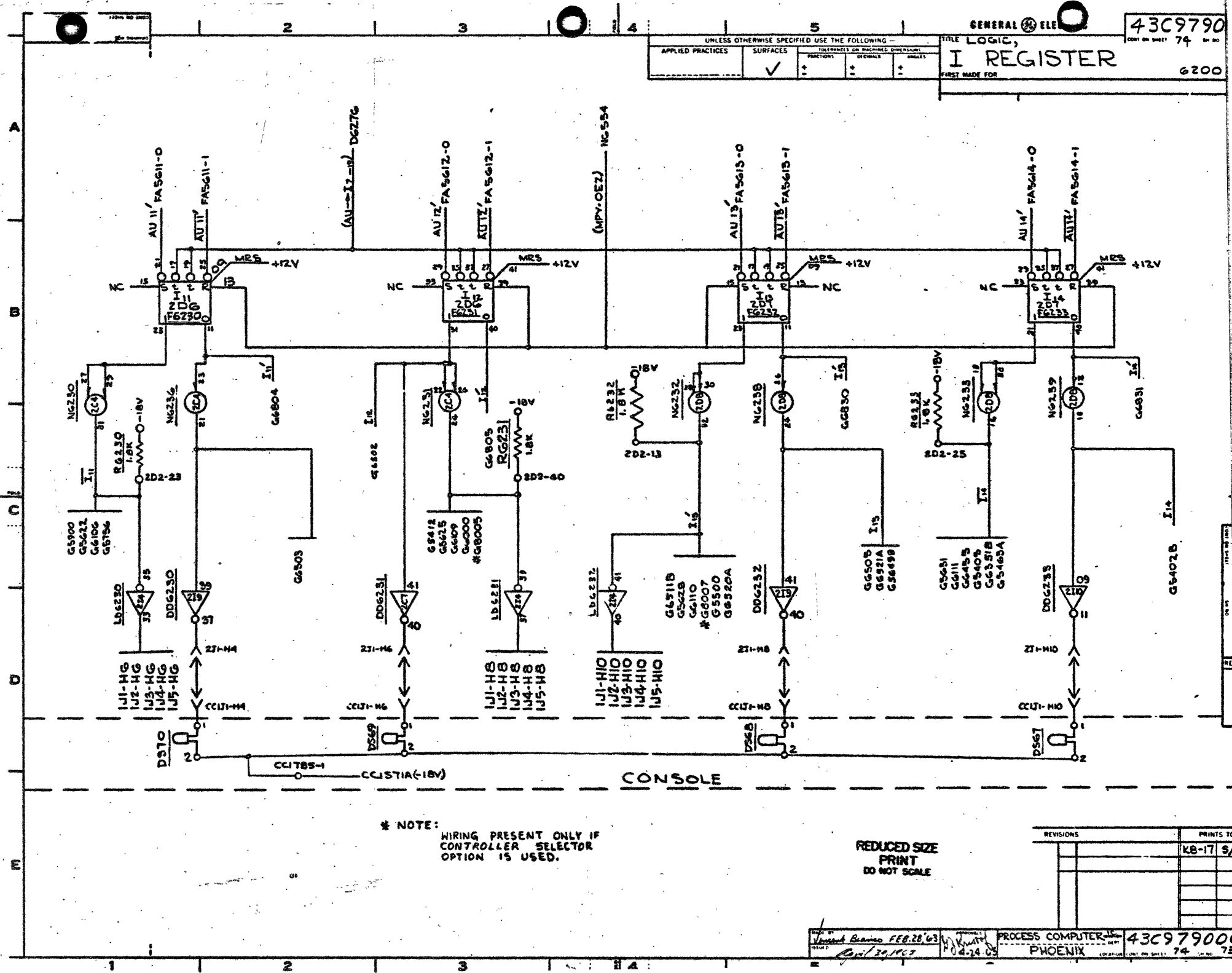
REVISIONS	PRINTS TO
1	F 18-17
2	H

REDUCED SIZE  
PRINT  
DO NOT SCALE

43C979000  
PHOENIX  
I.C.  
PROCESS COMPUTER  
43C979000  
73 OF 72  
6200

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING -			
APPLIED PRACTICES	SURFACES	TOLERANCES ON MACHINED DIMENSIONS	
	✓	FRACTIONS	DECIMALS
		+	+
		-	-

TITLE LOGIC,  
I REGISTER  
FIRST MADE FOR 6200



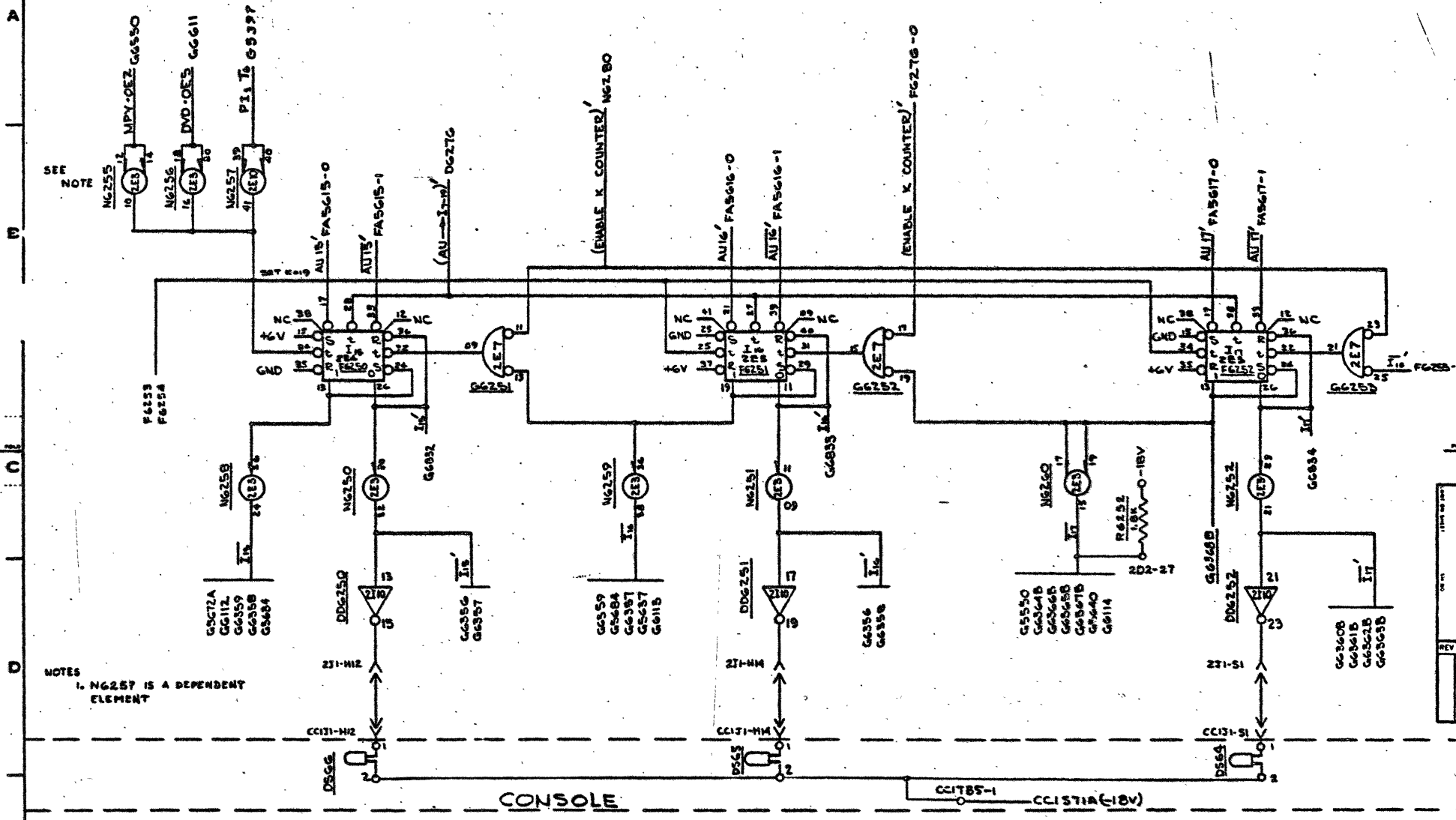
\* NOTE:  
WIRING PRESENT ONLY IF  
CONTROLLER SELECTOR  
OPTION 15 USED.

REDUCED SIZE  
PRINT  
DO NOT SCALE

REVISIONS	PRINTS TO
	KB-17 5/

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING—

APPLIED PRACTICES	SURFACES	FRACTIONS	DECIMALS	ANGLES
	✓	+	+	+



NOTES  
 1. N6257 IS A DEPENDENT ELEMENT

REDUCED SIZE  
 PRINT  
 DO NOT SCALE

REVISIONS	PRINTS TO
	KE-17 S/RP

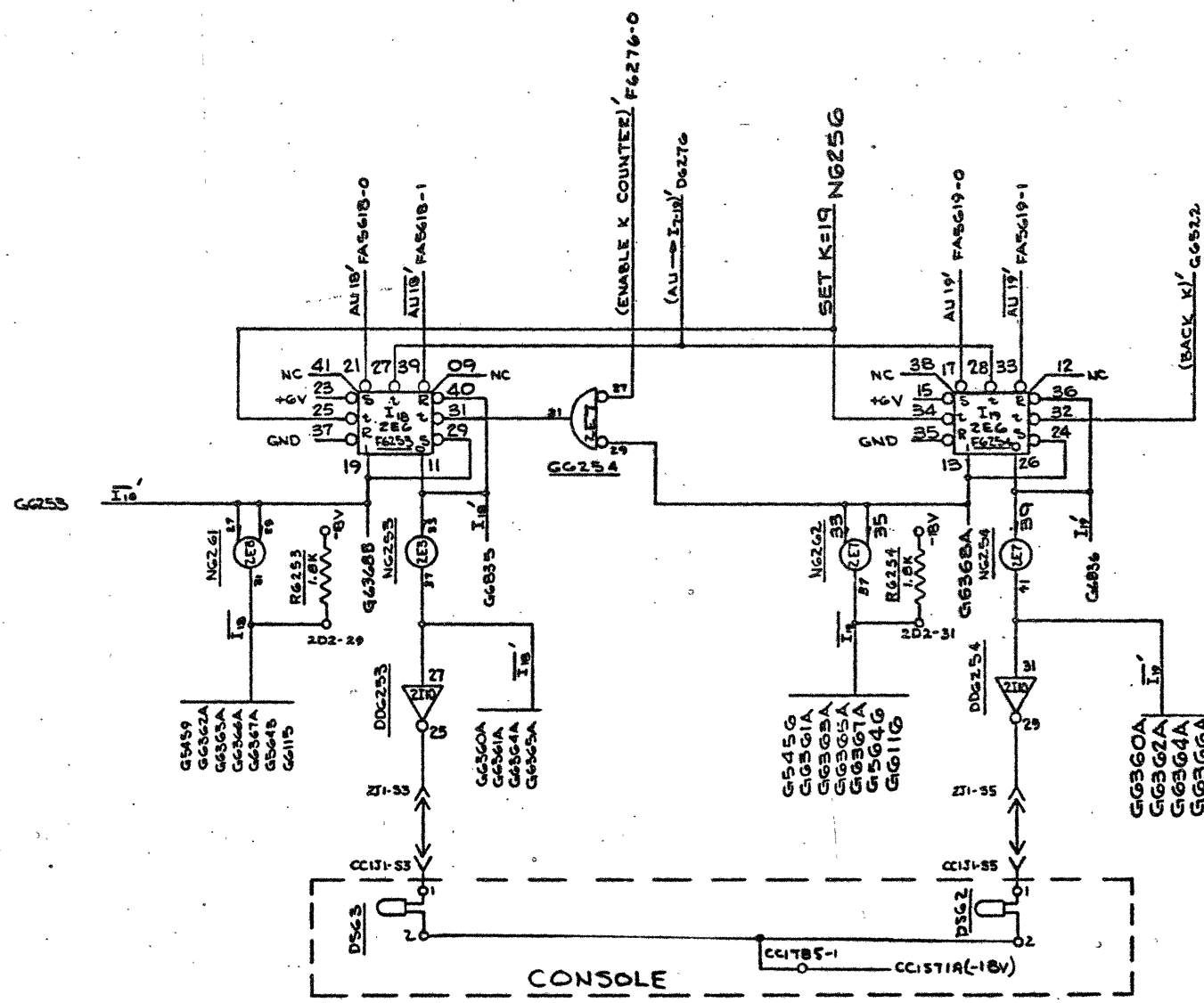
UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING —

TOLERANCES ON MACHINED DIMENSIONS		
FRACTIONS	DECIMALS	ANGLES
+	+	+

APPLIED PRACTICES SURFACES

TITLE LOGIC,  
I REGISTER  
FIRST MADE FOR 6200

A  
D  
C  
D  
E



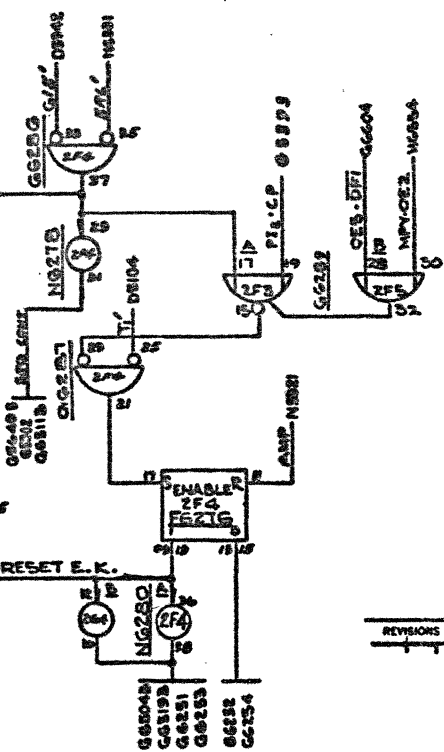
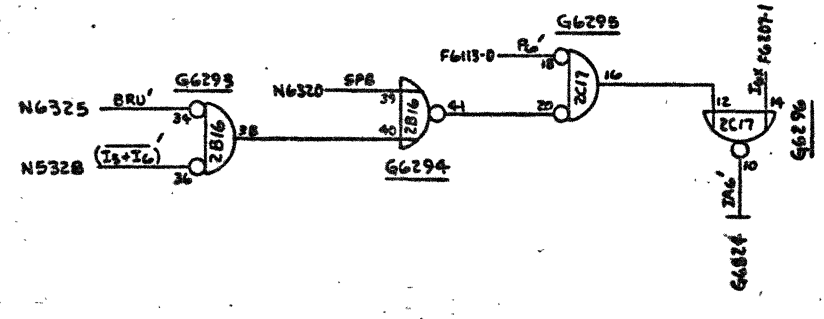
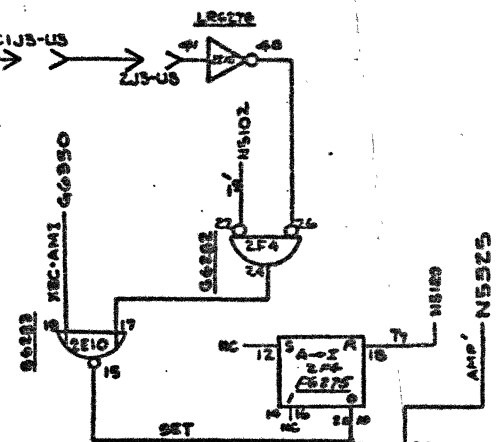
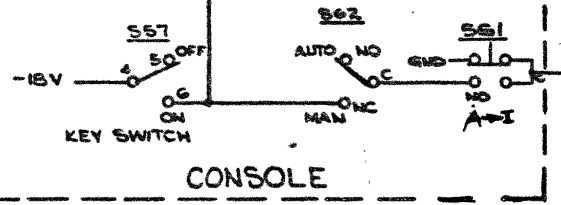
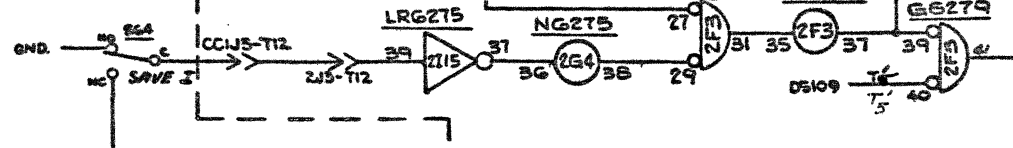
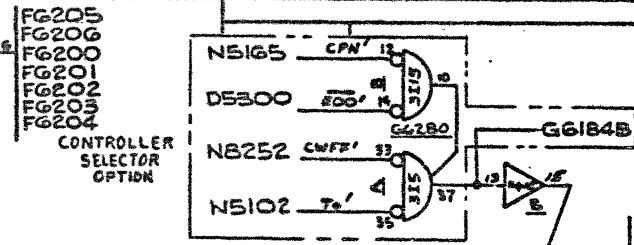
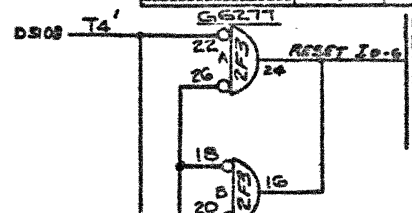
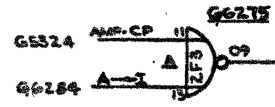
REDUCED SIZE  
PRINT  
DO NOT SCALE

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING--

APPLIED PRACTICES	SURFACES	FUNCTIONS	SIMBOLES	SYMBOLS

# I CONTROL

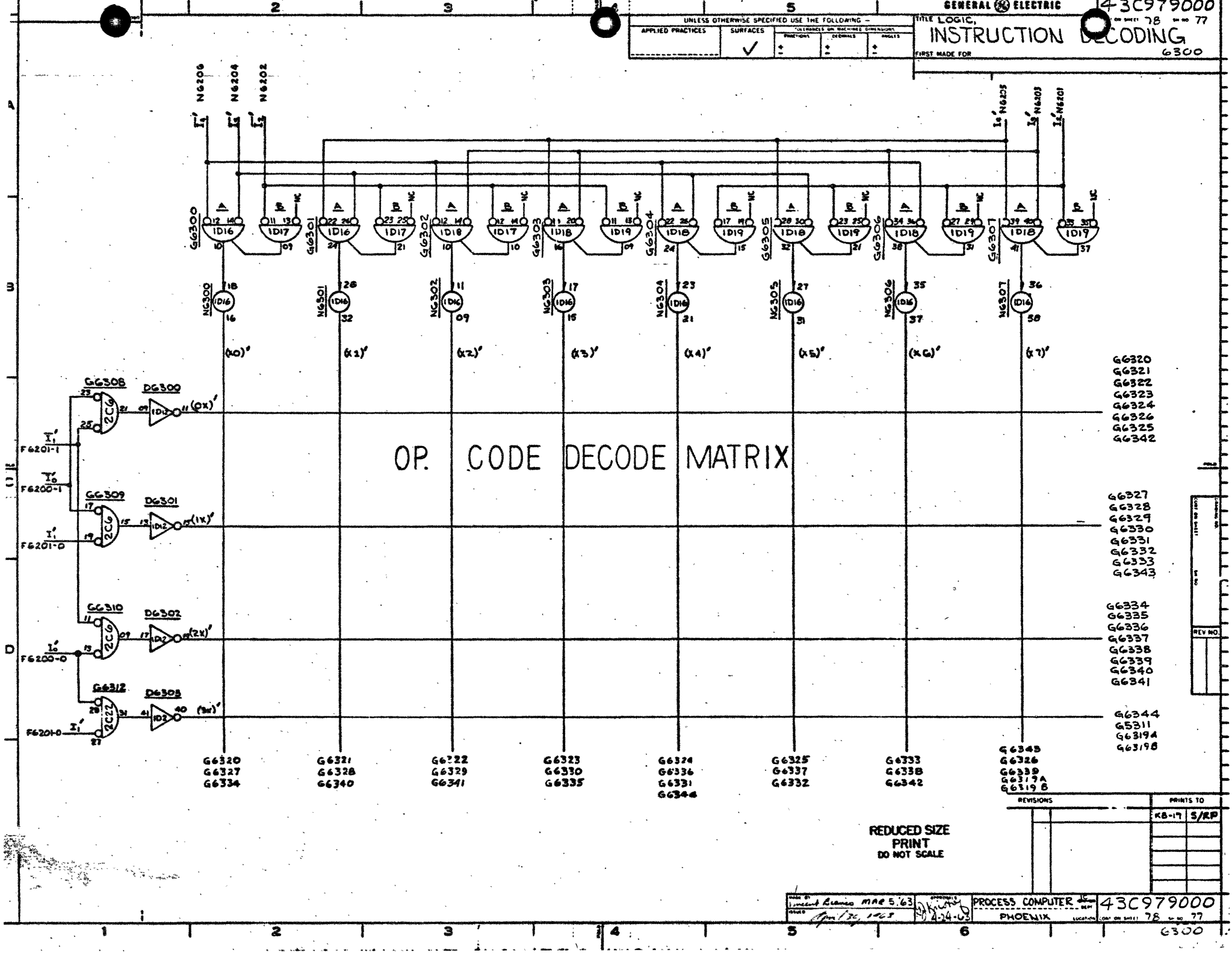
FIRST MADE FOR 6200



REDUCED SIZE FRONT DO NOT SCALE

REVISIONS	PRINTS TO
	46-71 6/67

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING -			
APPLIED PRACTICES	SURFACES	DIMENSIONS ON MACHINE DIMENSIONS	
✓		FUNCTIONS	ANGLES
		+	+
		-	-



OR CODE DECODE MATRIX

- G6320
- G6321
- G6322
- G6323
- G6324
- G6326
- G6325
- G6342

- G6327
- G6328
- G6329
- G6330
- G6331
- G6332
- G6333
- G6343

- G6334
- G6335
- G6336
- G6337
- G6338
- G6339
- G6340
- G6341

- G6344
- G6311
- G6319A
- G6319B

- G6320
- G6327
- G6334

- G6321
- G6328
- G6340

- G6322
- G6329
- G6341

- G6323
- G6330
- G6335

- G6324
- G6336
- G6331
- G6344

- G6325
- G6337
- G6332

- G6333
- G6338
- G6342

- G6345
- G6326
- G6339
- G6319A
- G6319B

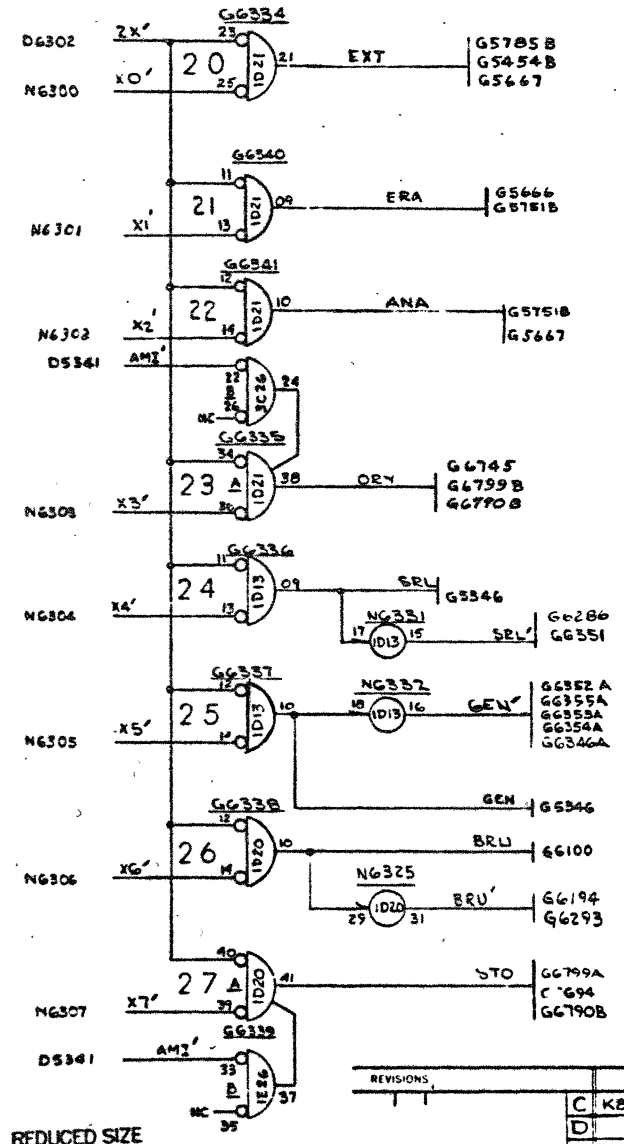
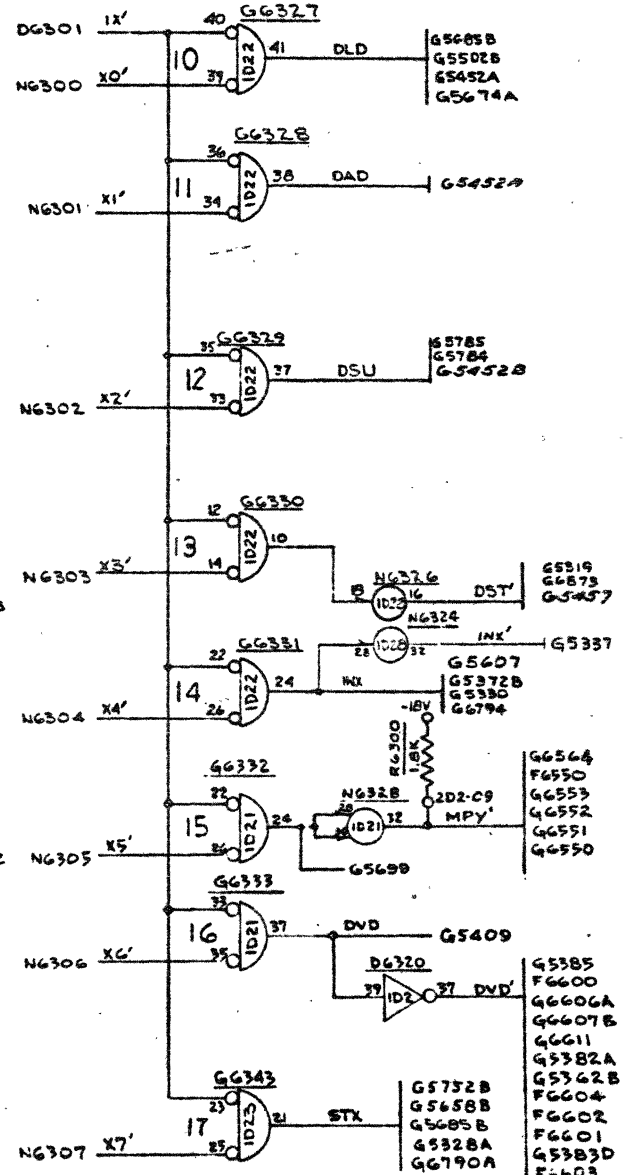
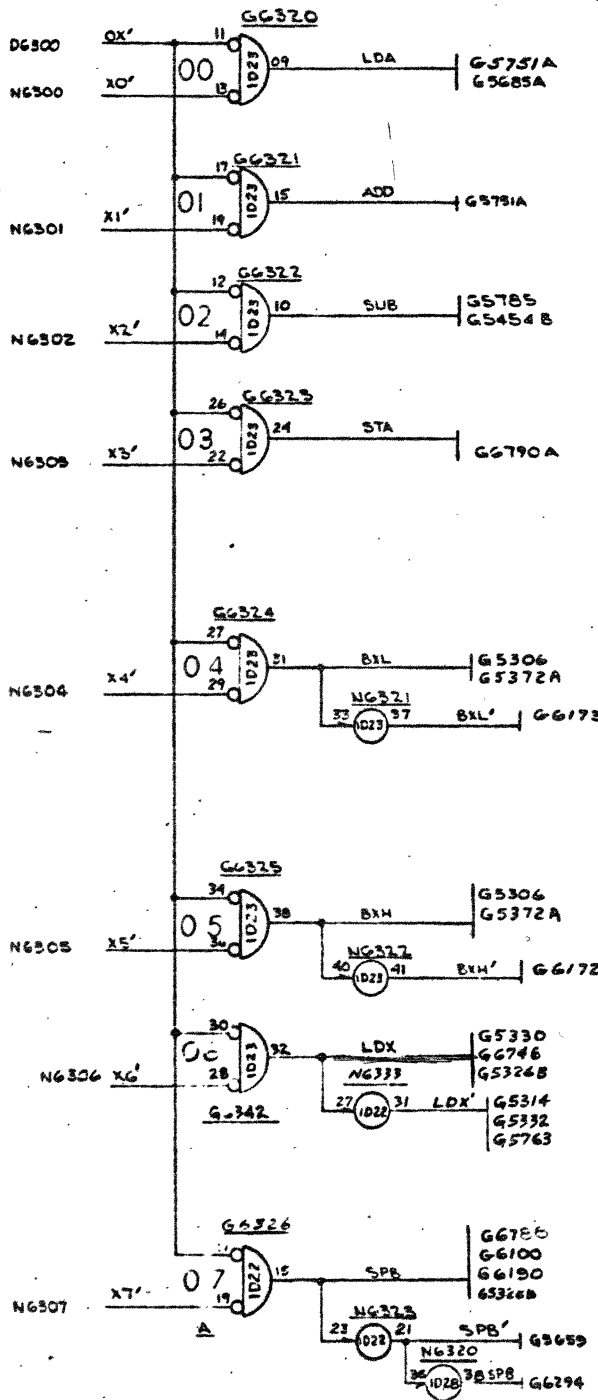
REDUCED SIZE  
 PRINT  
 DO NOT SCALE

REVISIONS		PRINTS TO	
		K8-17	S/RP

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING:

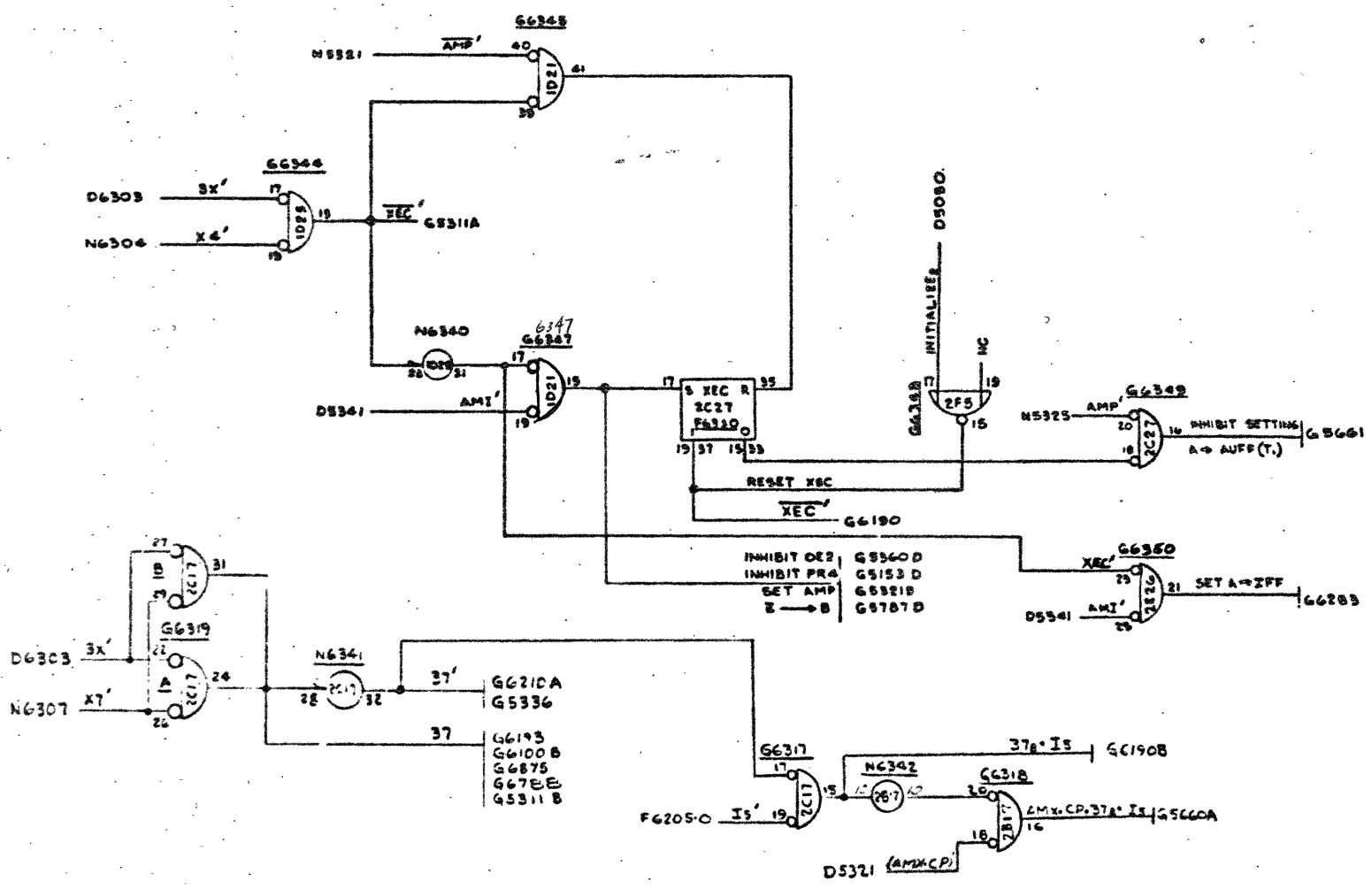
APPLIED PRACTICES	SURFACES	FRACTIONS	DECIMALS	ANGLES
	✓	∴	∴	∴

TITLE LOGIC,  
INSTRUCTION DECODING  
FIRST MADE FOR 6300



REDUCED SIZE  
PRINT  
DO NOT SCALE

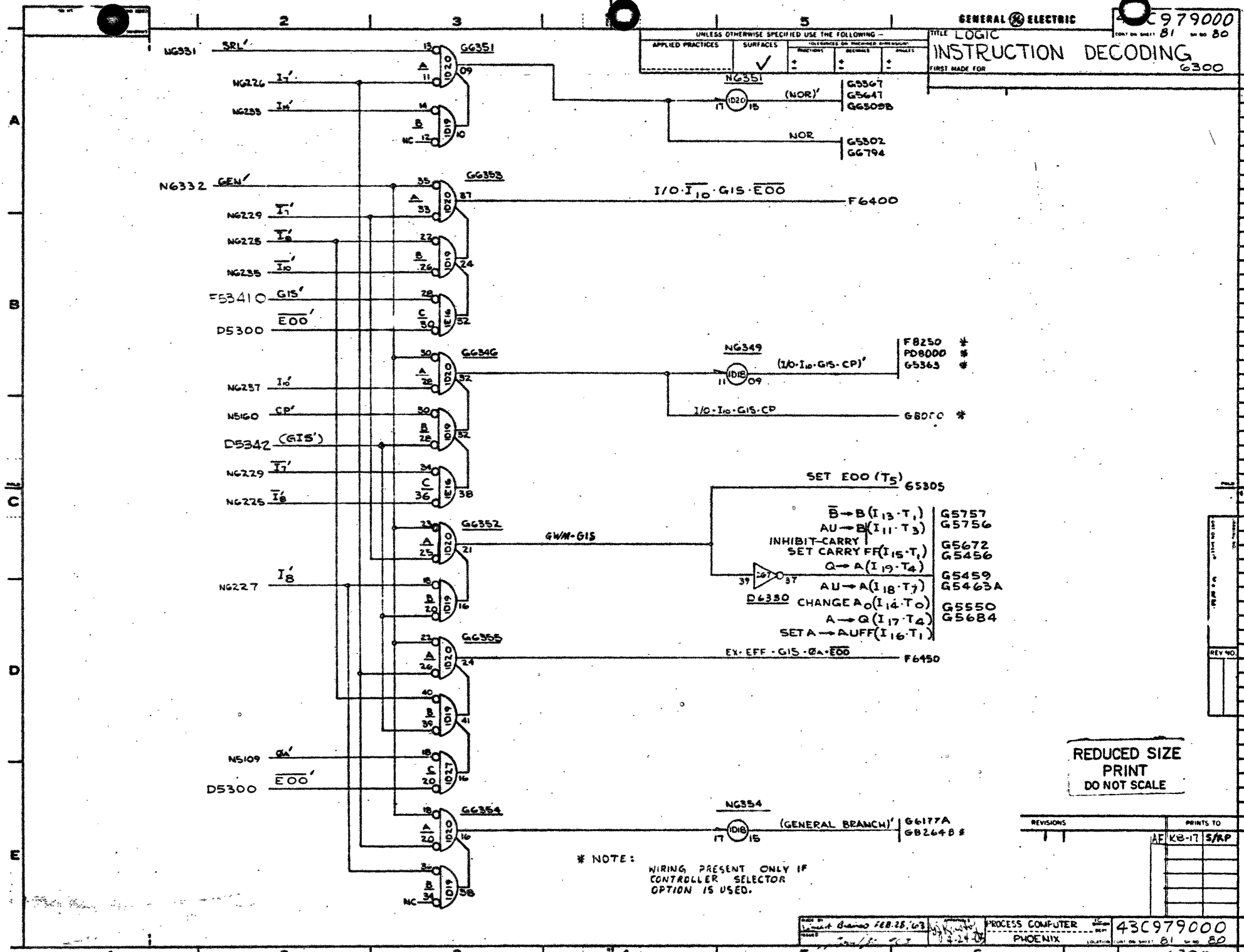
REVISIONS	PRINTS TO
	C KB-17
	D
	H
	L



REDUCED SIZE  
 PRINT  
 DO NOT SCALE

REVISIONS	PRINTS TO
	D KB-17





REDUCED SIZE PRINT  
 DO NOT SCALE

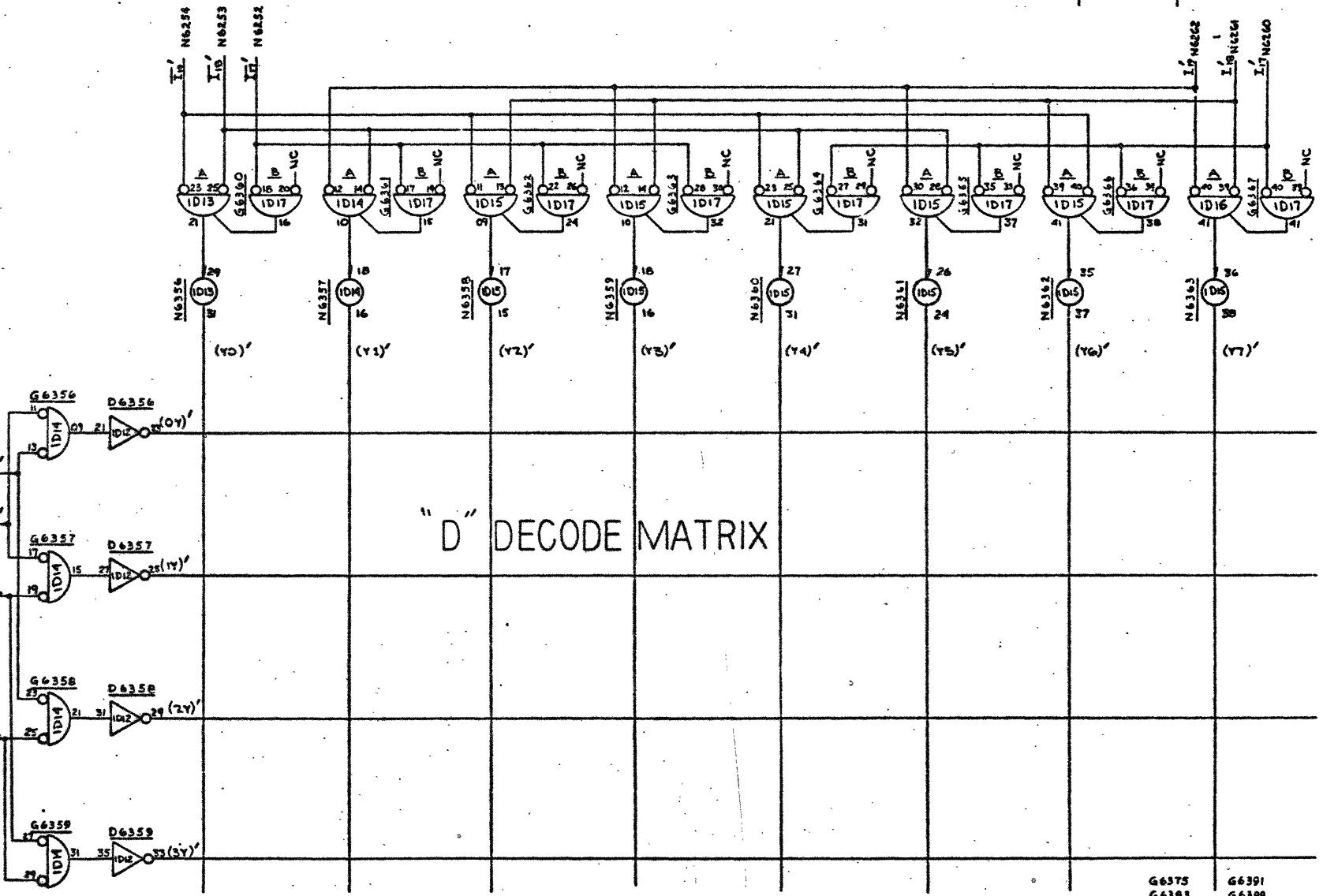
REVISIONS	PRINTS TO
	AF KB-17 5/RP

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING —

APPLIED PRACTICES	SURFACES	TOLERANCES UNLESS OTHERWISE SPECIFIED	
	✓	FRACTIONS	DECIMALS
		+	+
		-	-

TITLE LOGIC  
**INSTRUCTION DECODING**  
 FIRST MADE FOR 6300

A  
B  
C  
D  
E



"D" DECODE MATRIX

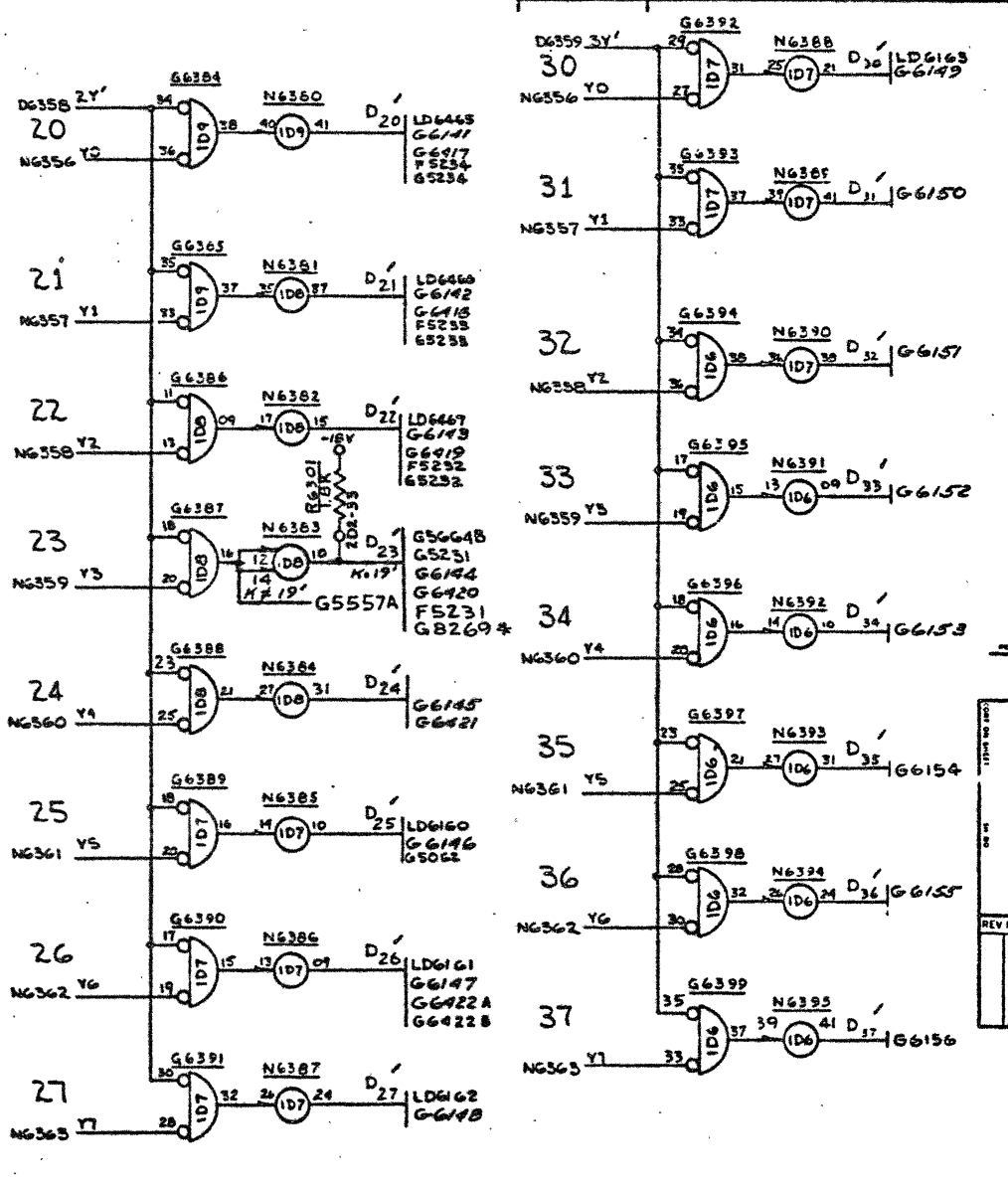
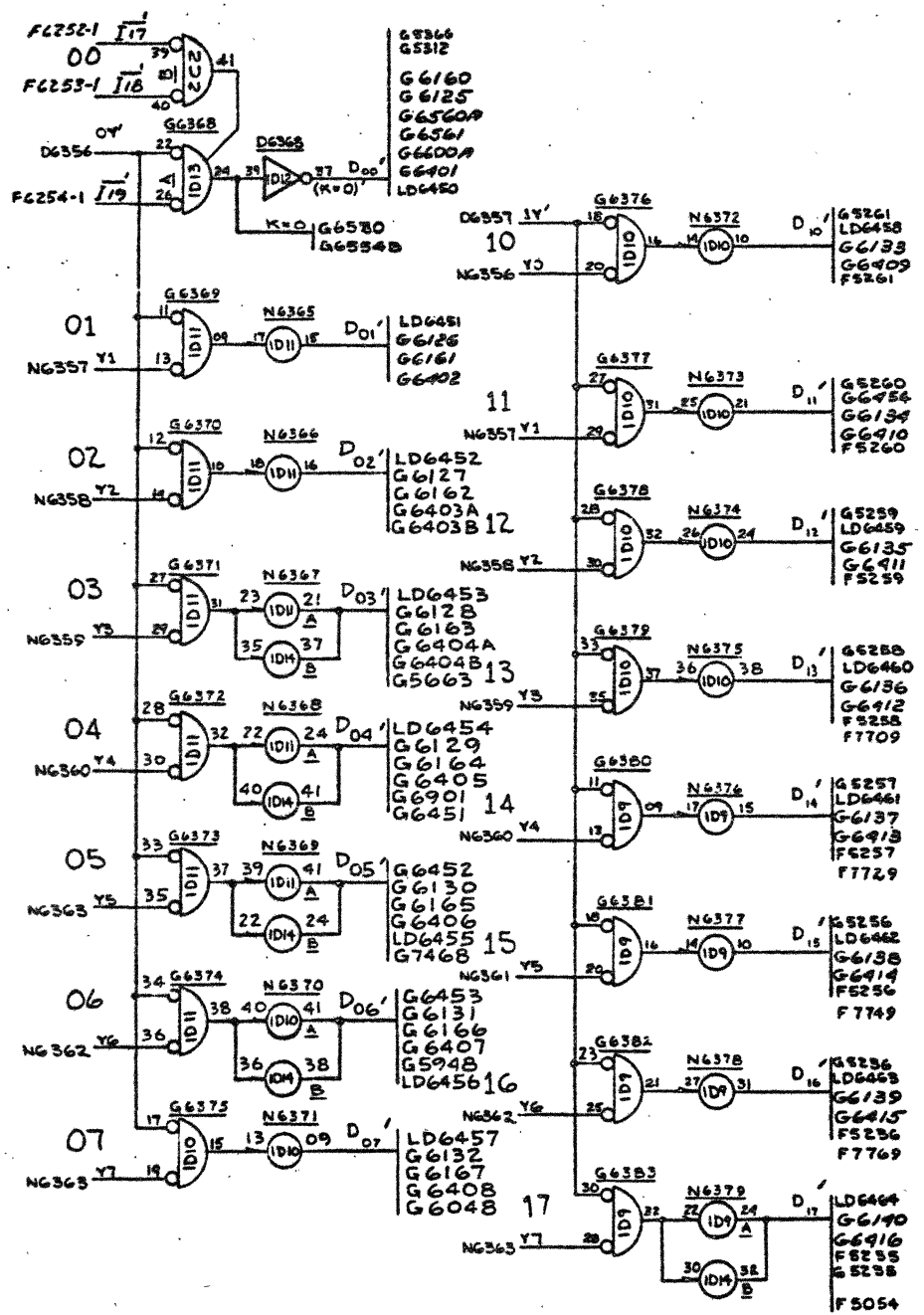
- G 6368A
- G 6369
- G 6370
- G 6371
- G 6372
- G 6373
- G 6374
- G 6375
  
- G 6376
- G 6377
- G 6378
- G 6379
- G 6380
- G 6381
- G 6382
- G 6383
  
- G 6384
- G 6385
- G 6386
- G 6387
- G 6388
- G 6389
- G 6390
- G 6391
  
- G 6392
- G 6393
- G 6394
- G 6395
- G 6396
- G 6397
- G 6398
- G 6399

- |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| G 6376 | G 6369 | G 6370 | G 6371 | G 6372 | G 6373 | G 6374 | G 6375 | G 6391 |
| G 6384 | G 6377 | G 6378 | G 6379 | G 6380 | G 6381 | G 6382 | G 6383 | G 6399 |
| G 6392 | G 6385 | G 6386 | G 6387 | G 6388 | G 6389 | G 6390 |        |        |
| G 6394 | G 6393 | G 6394 | G 6395 | G 6396 | G 6397 | G 6398 |        |        |

REDUCED SIZE  
 PRINT  
 DO NOT SCALE

REVISIONS	PRINTS TO
	K6-17 S/RP

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING -			
APPLIED PRACTICES	SURFACES	TOLERANCES ON MACHINED DIMENSIONS	
		FRACTIONS	DECIMALS
		+	+
		-	-
			+



\* NOTE: WIRING PRESENT ONLY IF CONTROLLER SELECTOR OPTION 15 USED.

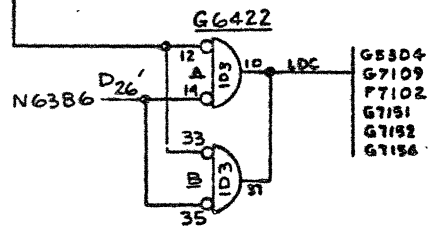
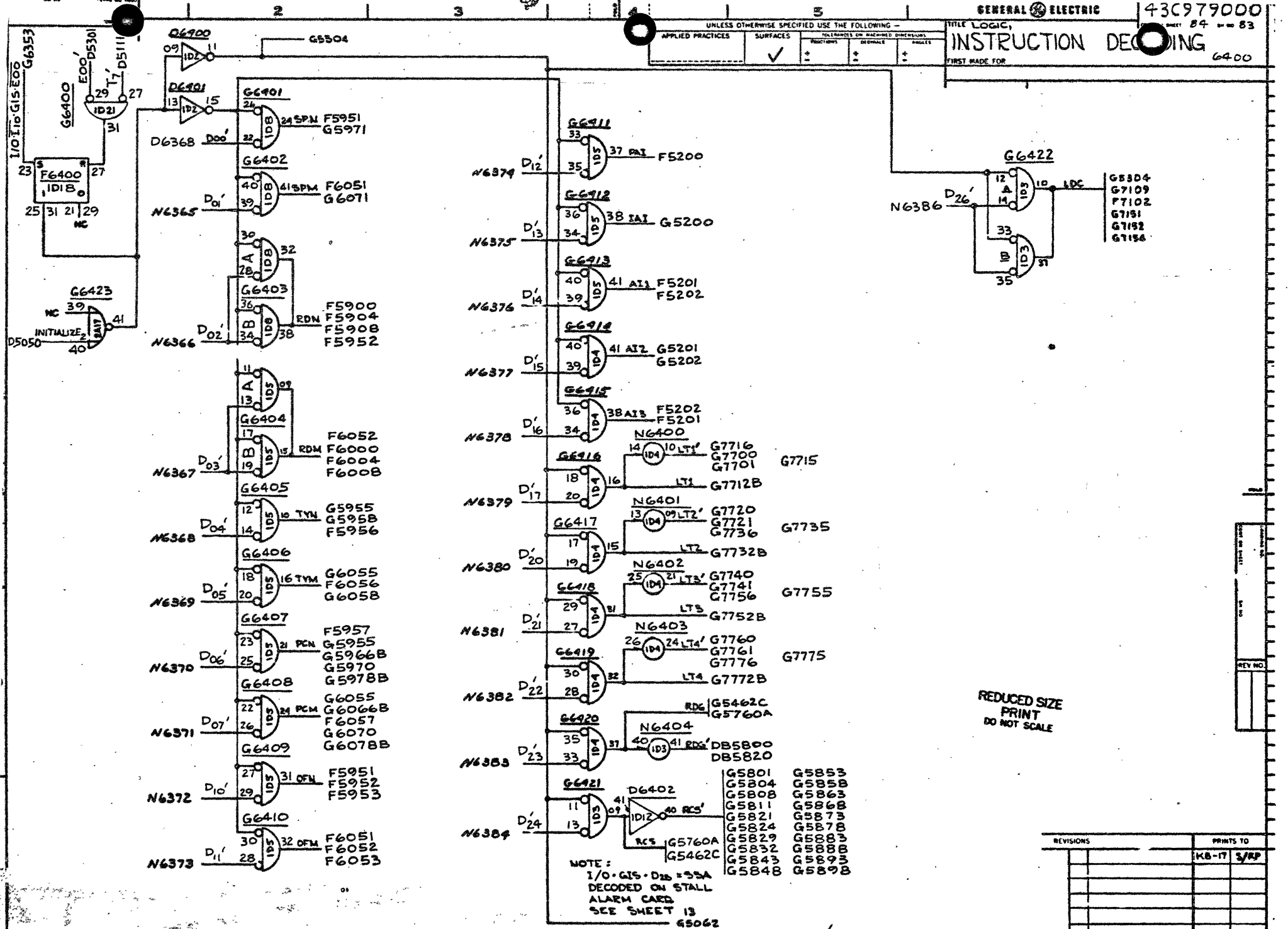
REDUCED SIZE PRINT DO NOT SCALE

REVISIONS	PRINTS TO
	K8-7 S/RP

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING -

APPLIED PRACTICES	SURFACES	TOLERANCES ON MACHINED DIMENSIONS		
✓	✓	FRACTIONS	DECIMALS	ANGLES
		±	±	±

TITLE LOGIC,  
INSTRUCTION DECODING  
FIRST MADE FOR 6400



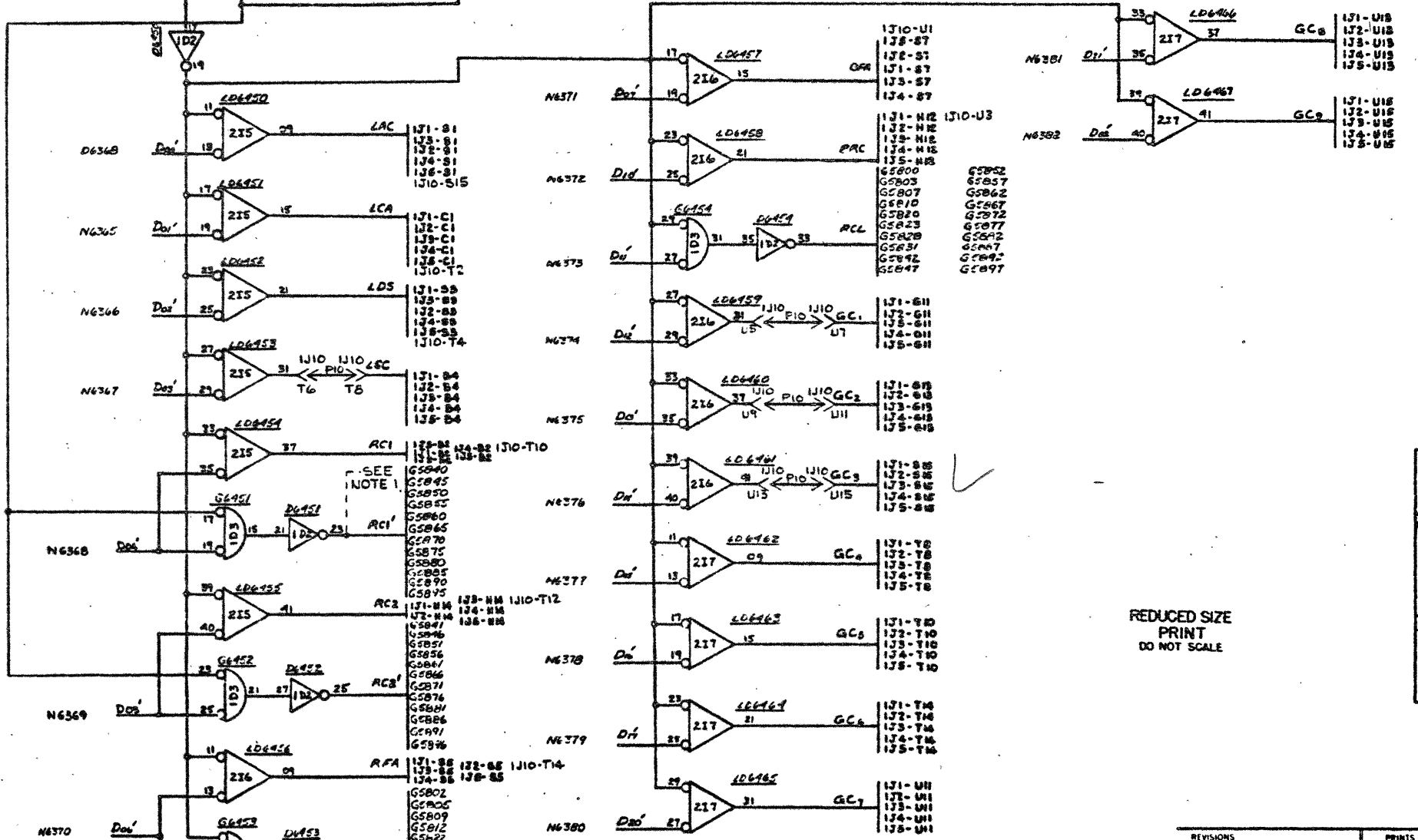
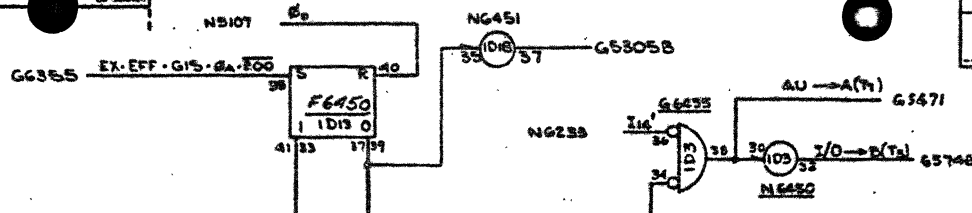
REDUCED SIZE  
PRINT  
DO NOT SCALE

NOTE:  
I/O-GIS-D15=55A  
DECODED ON STALL  
ALARM CARD.  
SEE SHEET 13  
65062

REVISIONS	PRINTS TO
	KB-17 3/RP

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING —

APPLIED PRACTICES	SURFACES	TOLERANCES UNLESS OTHERWISE SPECIFIED	ANGLES
		FRACTIONS DECIMALS ANGLES	
	✓	± ± ±	



NOTES:  
 1. A 16 BIT SCANNER OPTION MAY BE CONNECTED AT THIS POINT WHICH CONSISTS OF 8 LOADS, REFER TO THE COMPUTER MODEL LIST TO DETERMINE IF THIS OPTION IS USED REFER TO 43X951774 FOR THE INDEX, 43C951775 FOR THE LOGIC, 43A951776 FOR THE WIRE LIST.

- G5800
- G5803
- G5807
- G5810
- G5820
- G5823
- G5829
- G5831
- G5842
- G5847

REDUCED SIZE  
 PRINT  
 DO NOT SCALE

REVISIONS	PRINTS TO
	F
	M

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING—

APPLIED PRACTICES	SURFACES	TOLERANCES UNLESS OTHERWISE SPECIFIED	UNIT
		FRACTIONS	DECIMALS
		±	±

TITLE LOGIC, SHIFT RIGHT LEFT  
 FIRST MADE FOR F6001-13 F6005-13  
 6500

	5	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
SHIFT RIGHT	1	0	1	0	0	X	K	0	1	1	0	0	0	0	0	0	0	0	0	0
SHIFT LEFT	1	0	1	0	0	X	X	1	0	0	0	0	0	0	0	0	0	0	0	0

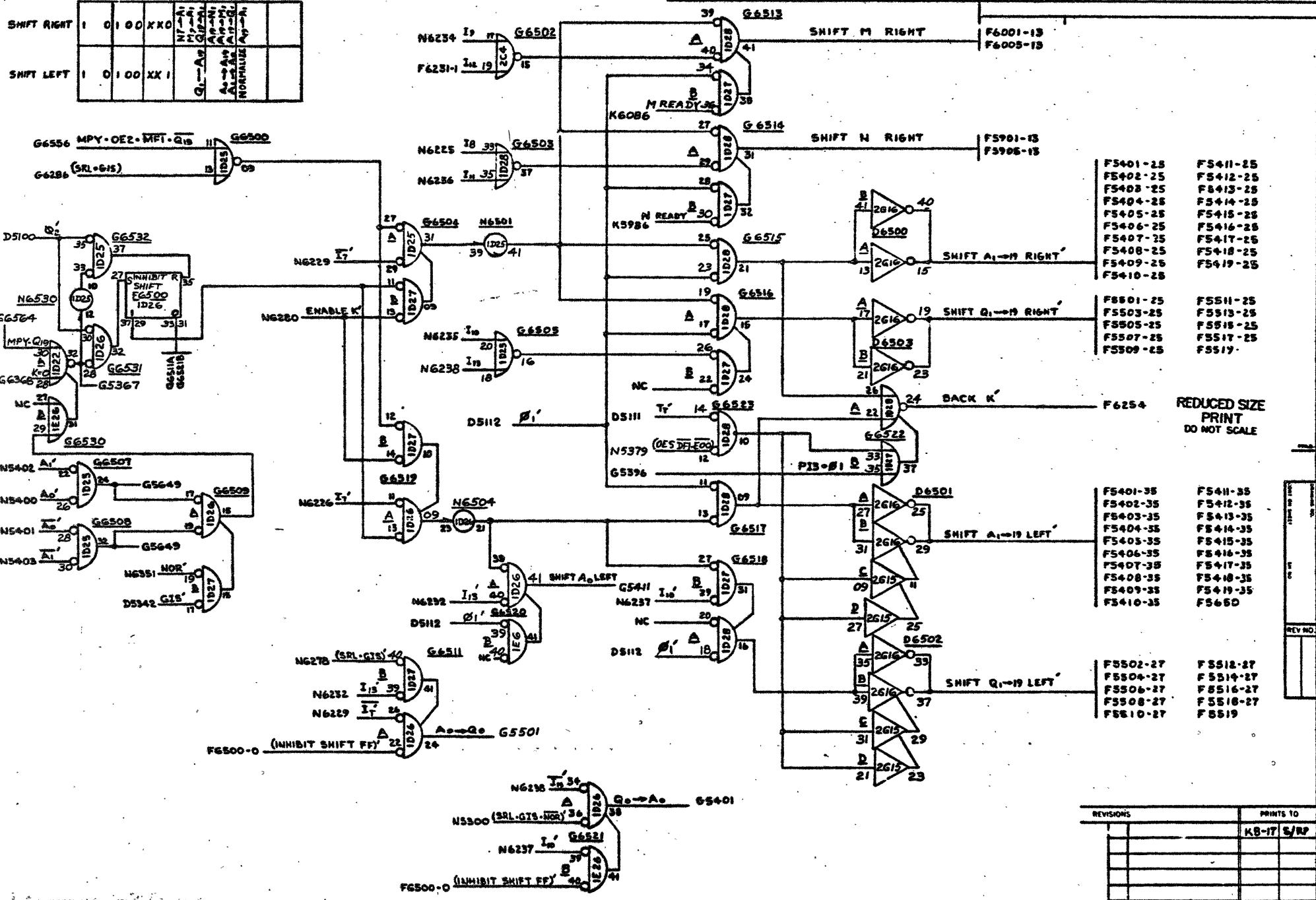
A

B

C

D

E



F5401-25	F5411-25
F5402-25	F5412-25
F5403-25	F5413-25
F5404-25	F5414-25
F5405-25	F5415-25
F5406-25	F5416-25
F5407-25	F5417-25
F5408-25	F5418-25
F5409-25	F5419-25
F5410-25	

F5501-25	F5511-25
F5502-25	F5512-25
F5503-25	F5513-25
F5504-25	F5514-25
F5505-25	F5515-25
F5506-25	F5516-25
F5507-25	F5517-25
F5508-25	F5518-25
F5509-25	F5519-25

F5401-35	F5411-35
F5402-35	F5412-35
F5403-35	F5413-35
F5404-35	F5414-35
F5405-35	F5415-35
F5406-35	F5416-35
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F5408-35	F5418-35
F5409-35	F5419-35
F5410-35	F5460

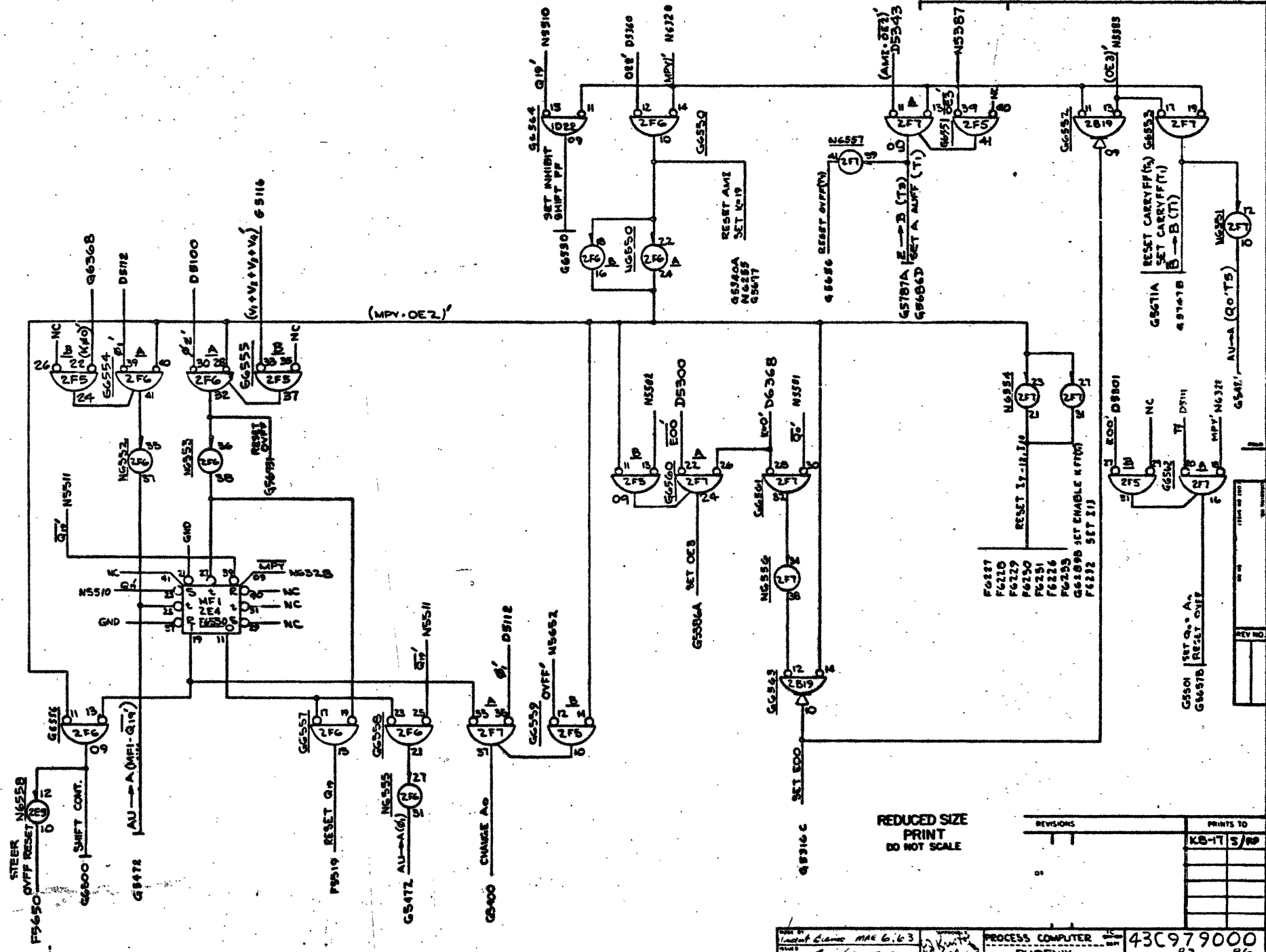
F5502-27	F5512-27
F5504-27	F5514-27
F5506-27	F5516-27
F5508-27	F5518-27
F5510-27	F5519

REDUCED SIZE PRINT  
DO NOT SCALE

REVISIONS	PRINTS TO
	K8-17 S/RP

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING		
APPLIED PRACTICES	SURFACES	TEXTURES ON DIMENSIONS
✓	+	+

TITLE LOGIC  
**MULTIPLY CONTROL**  
 FIRST MADE FOR 6550

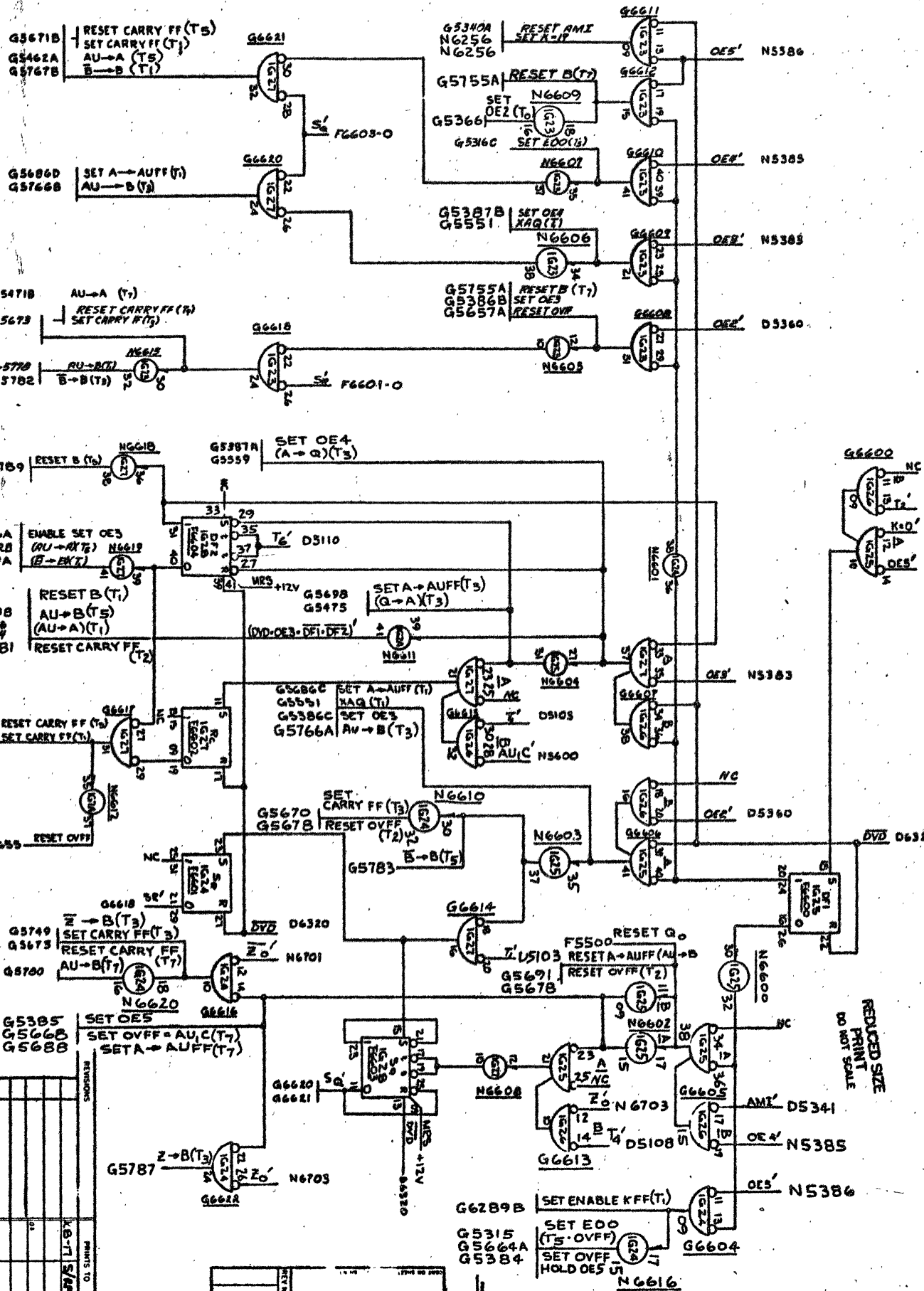


REDUCED SIZE  
 PRINT  
 DO NOT SCALE

REVISIONS	PRINTS TO
	KB-IT/S/MP

DATE BY: [Signature] MAR 6, 63  
 TIME: 10:00 AM

PROCESS COMPUTER  
 PHOENIX LOCATION  
 43C979000  
 87 86  
 6550



PROCESS COMPUTER  
PHOENIX  
43C979000  
6600

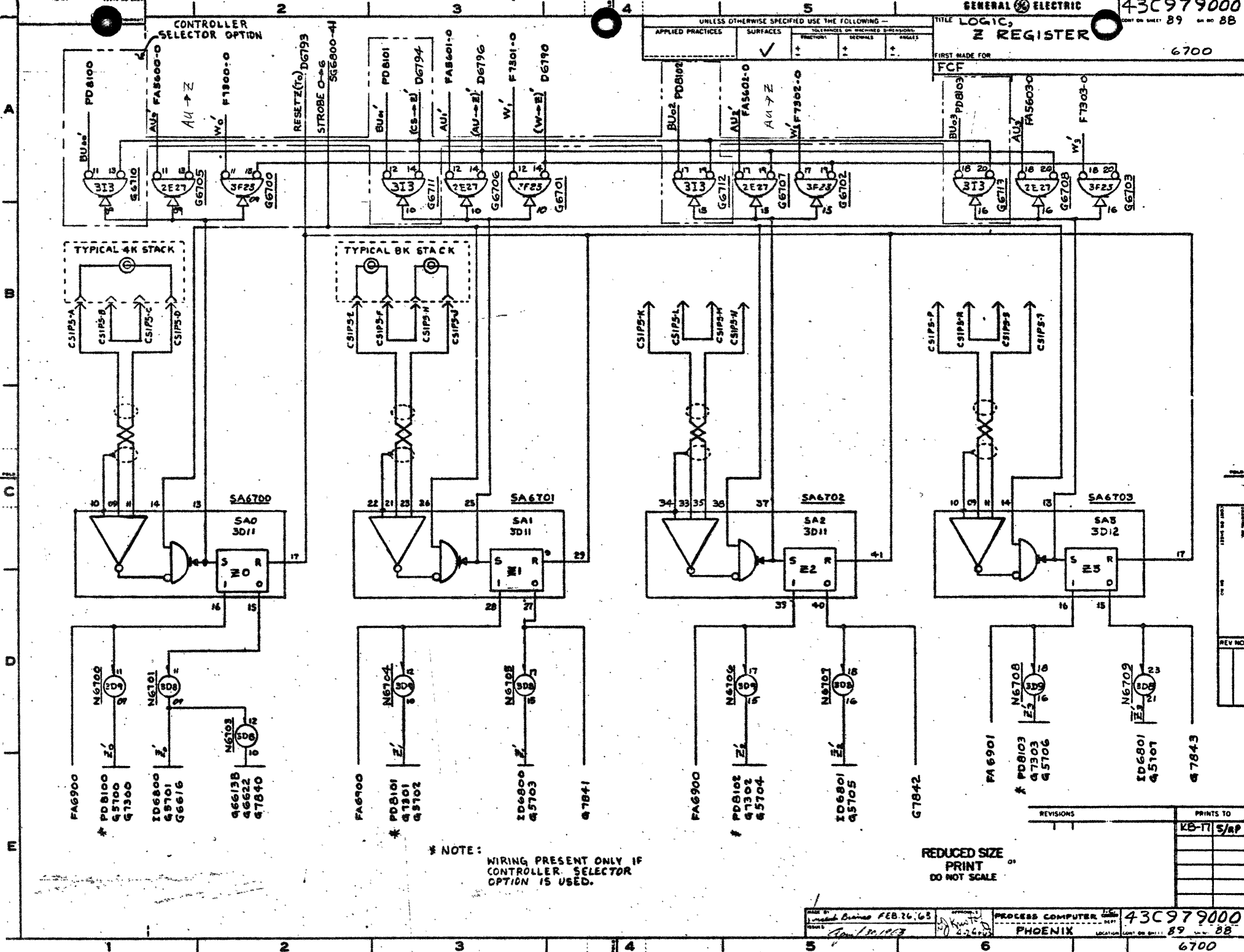
UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING:  
APPLIED PARTICES SURFACES  
TITLE LOGIC DIVIDE CONTROL  
DATE OF SHEET 88  
REV. NO. 87  
6600

REDUCED SIZE  
PRINT  
DO NOT SCALE



UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING —

APPLIED PRACTICES	SURFACES	TOLERANCES ON MACHINED DIMENSIONS		
		FRACTIONS	DECIMALS	ANGLES
✓		+	+	+



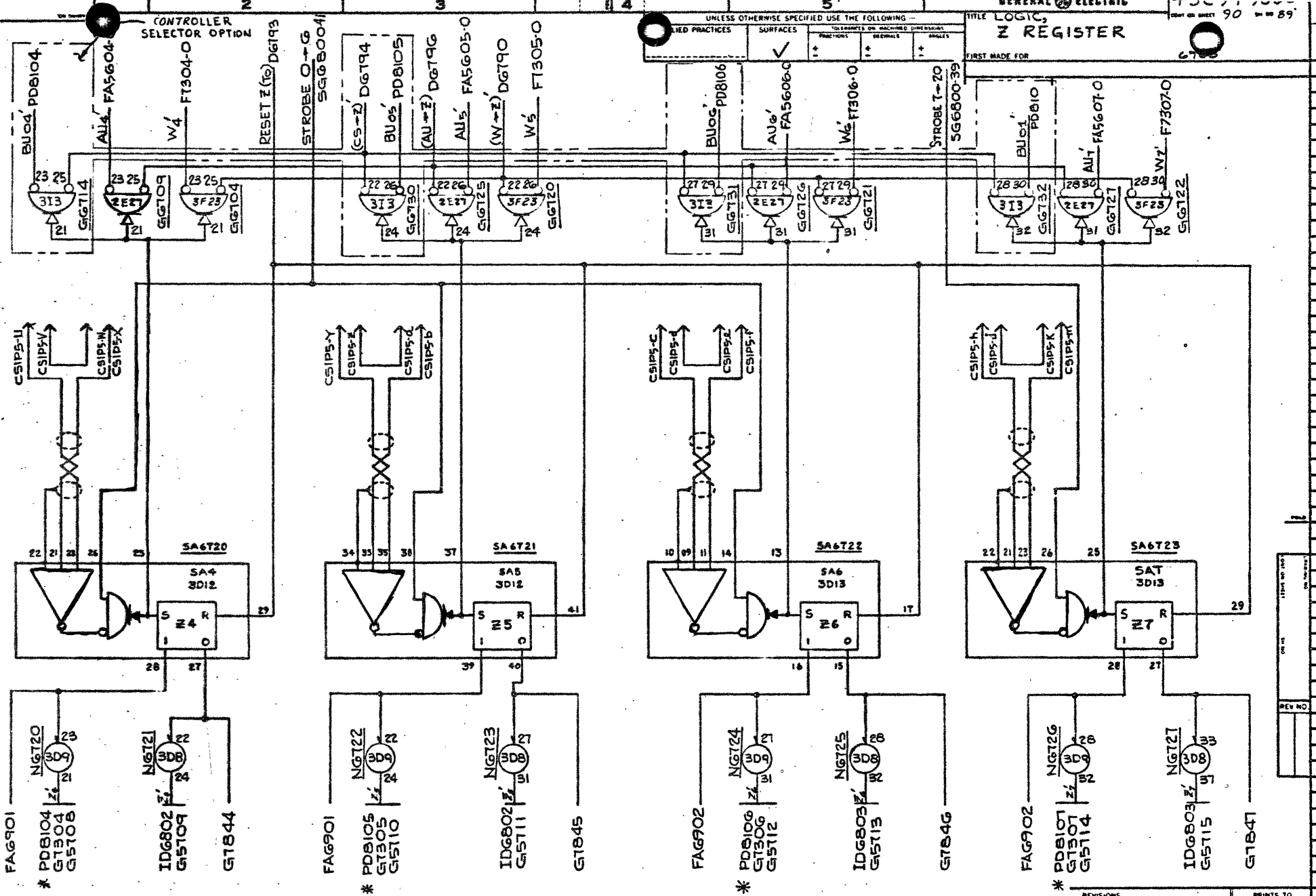
\* NOTE:  
 WIRING PRESENT ONLY IF  
 CONTROLLER SELECTOR  
 OPTION IS USED.

REDUCED SIZE  
 PRINT  
 DO NOT SCALE

REVISIONS	PRINTS TO
	KB-11/5/1P

CONTROLLER SELECTOR OPTION

TITLE LOGIC Z REGISTER



\* NOTE: WIRING PRESENT ONLY IF CONTROLLER SELECTOR OPTION IS USED.

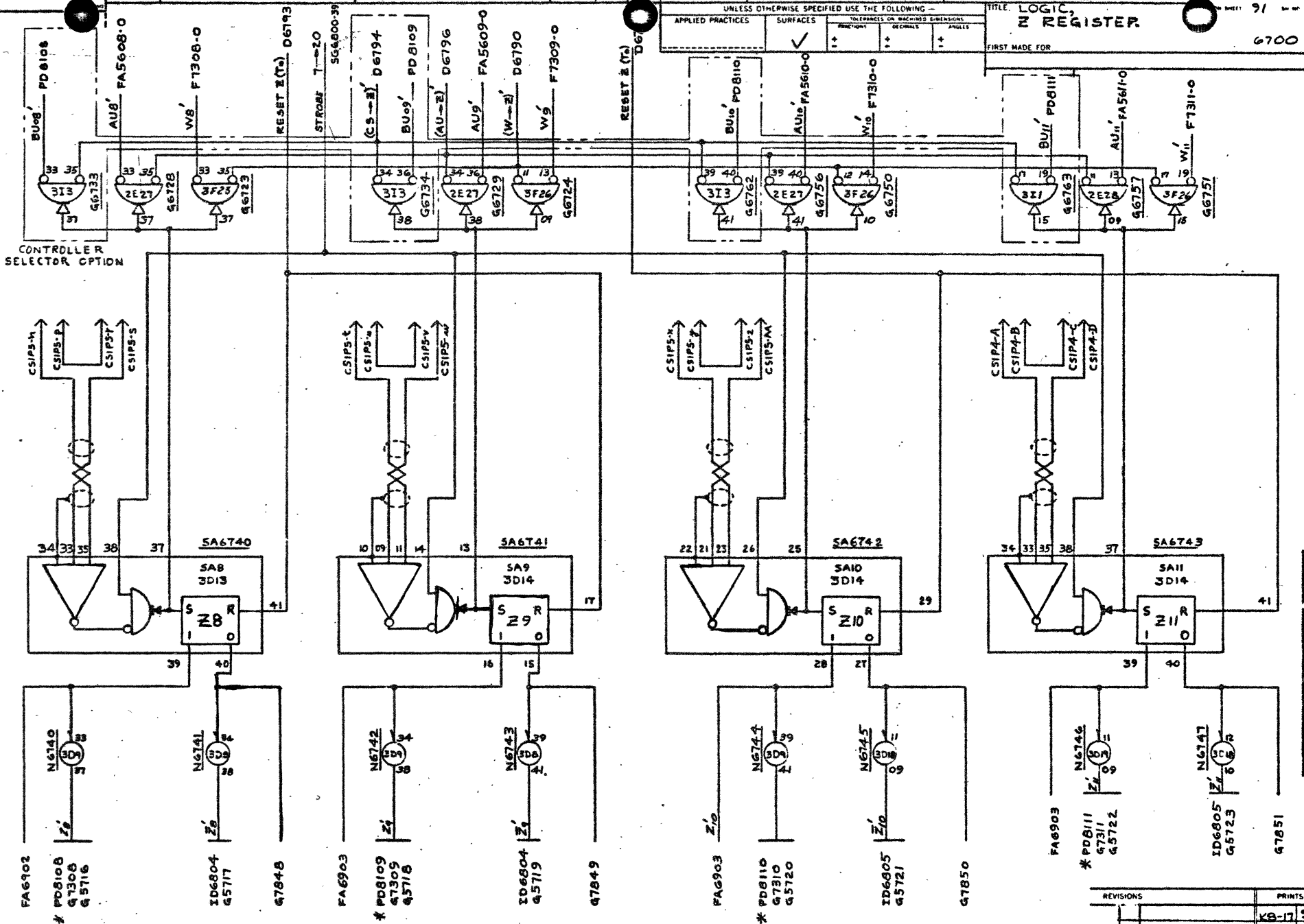
REDUCED SIZE PRINT DO NOT SCALE

REVISIONS	PRINTS TO
	KE-17 S/RP

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING —

APPLIED PRACTICES	SURFACES	TOLERANCES ON DIMENSIONS	FINISHES	ANGLES
	✓	± .001	± .001	± .001

TITLE: LOGIC REGISTER  
 FIRST MADE FOR: 6700



\* NOTE:  
 WIRING PRESENT ONLY IF  
 CONTROLLER SELECTOR  
 OPTION IS USED.

REDUCED SIZE  
 PRINT  
 DO NOT SCALE

REVISIONS	PRINTS TO
	KB-17 S/AP

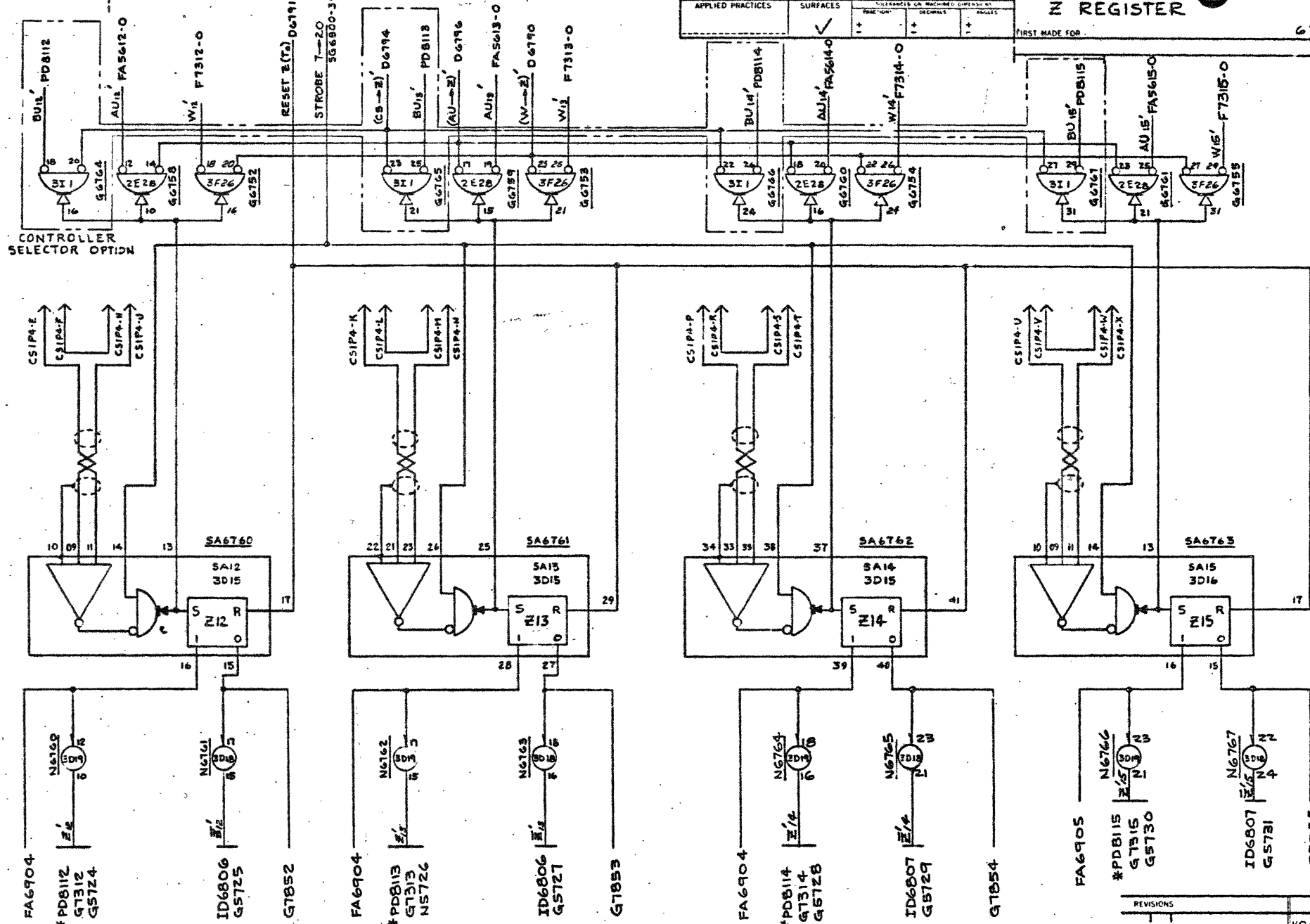
UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING

APPLIED PRACTICES	SURFACES	FUNCTION	DECIMAL	ANGLES
		+	+	+

LOGIC  
Z REGISTER

FIRST MADE FOR

6700



- FA6904
- # PDB112
- GT312
- G5724
- ID6806
- G5725
- GT852

- FA6904
- # PDB113
- GT313
- NS726
- ID6806
- G5727
- GT853

- FA6904
- # PDB114
- GT314
- G5728
- ID6807
- G5729
- GT854

- FA6905
- # PDB115
- GT315
- G5730
- ID6807
- G5731
- GT855

\* NOTE:  
WIRING PRESENT ONLY IF  
CONTROLLER SELECTOR  
OPTION IS USED.

REDUCED SIZE  
PRINT  
DO NOT SCALE

REVISIONS	PRINTS TO
	K8-17 S/EP

DESIGNED BY  
Checked by  
DATE  
April 30, 1963

PROCESS COMPUTER  
PHOENIX

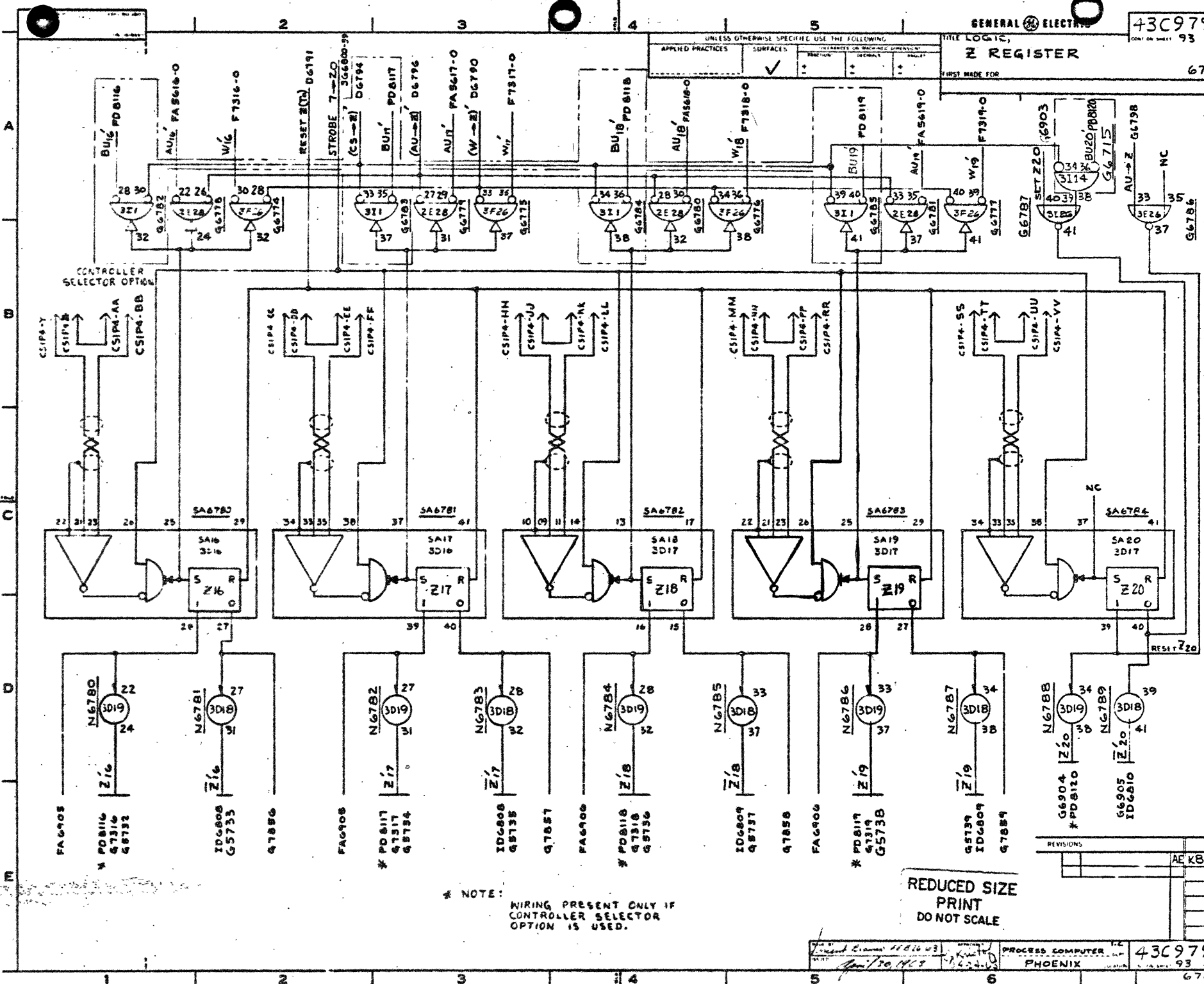
43C97900  
REV. 92 MAR 91

TITLE LOGIC,  
Z REGISTER

6700

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING		
APPLIED PRACTICES	SURFACES	INSTRUMENTS OR MEASURING DEVICES
✓		

FIRST MADE FOR



\* NOTE:  
WIRING PRESENT ONLY IF  
CONTROLLER SELECTOR  
OPTION IS USED.

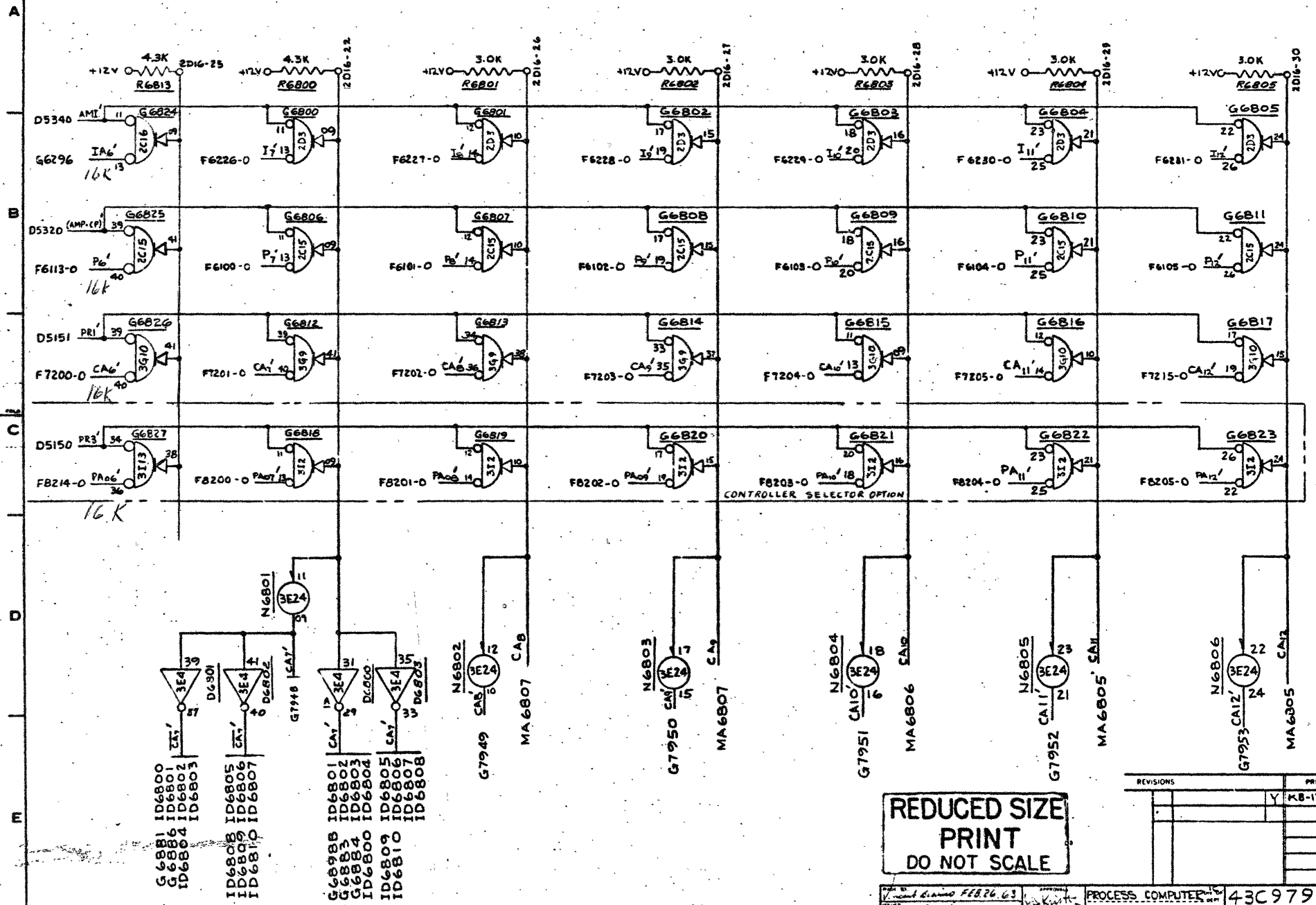
REDUCED SIZE  
PRINT  
DO NOT SCALE

REVISIONS	PRINTS TO
	AE KB-IT 5/RP



UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING --			
APPLIED PRACTICES	SURFACES	TOLERANCES ON MEASURED DIMENSIONS:	UNLESS OTHERWISE SPECIFIED
✓	✓	FRACTIONS	FRACTIONS
		DIMENSIONS	DIMENSIONS
		DECIMALS	DECIMALS
		ANGLES	ANGLES

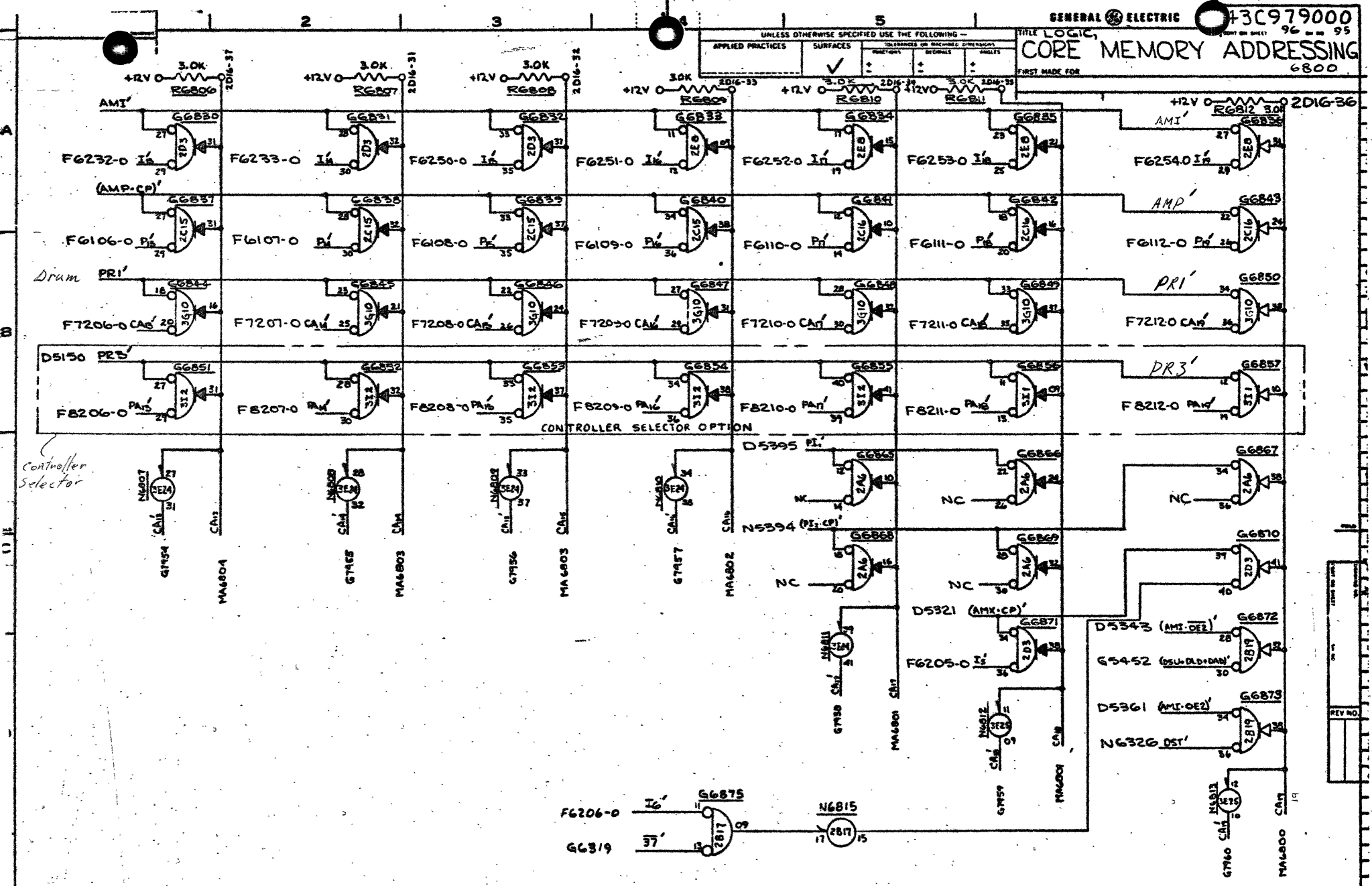
TITLE LOGIC  
**CORE MEMORY ADDRESSING**  
 FIRST MADE FOR 6800



**REDUCED SIZE  
 PRINT  
 DO NOT SCALE**

REVISIONS	PRINTS TO
	Y K8-17 S/RP

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING -  
 APPLIED PRACTICES SURFACES TOLERANCES OR FINISHED DIMENSIONS  
 CHECKED BY: [ ]  
 REWORKED BY: [ ]  
 INSPECTED BY: [ ]



Controller Selector

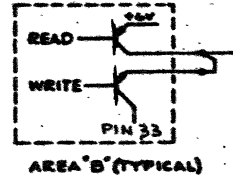
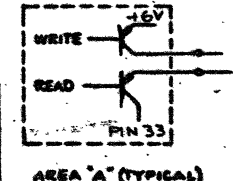
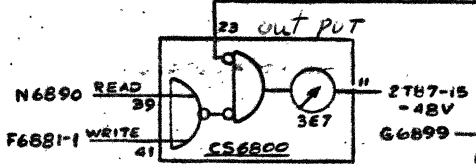
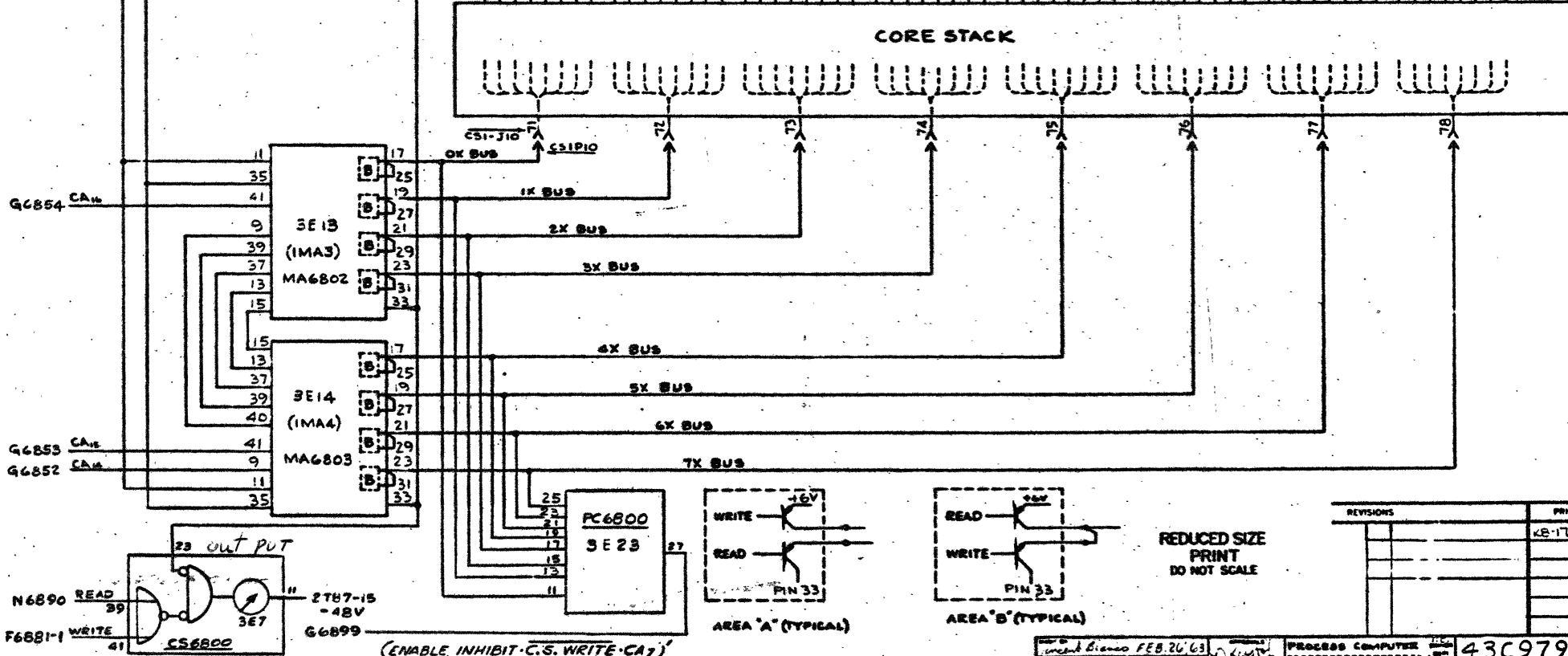
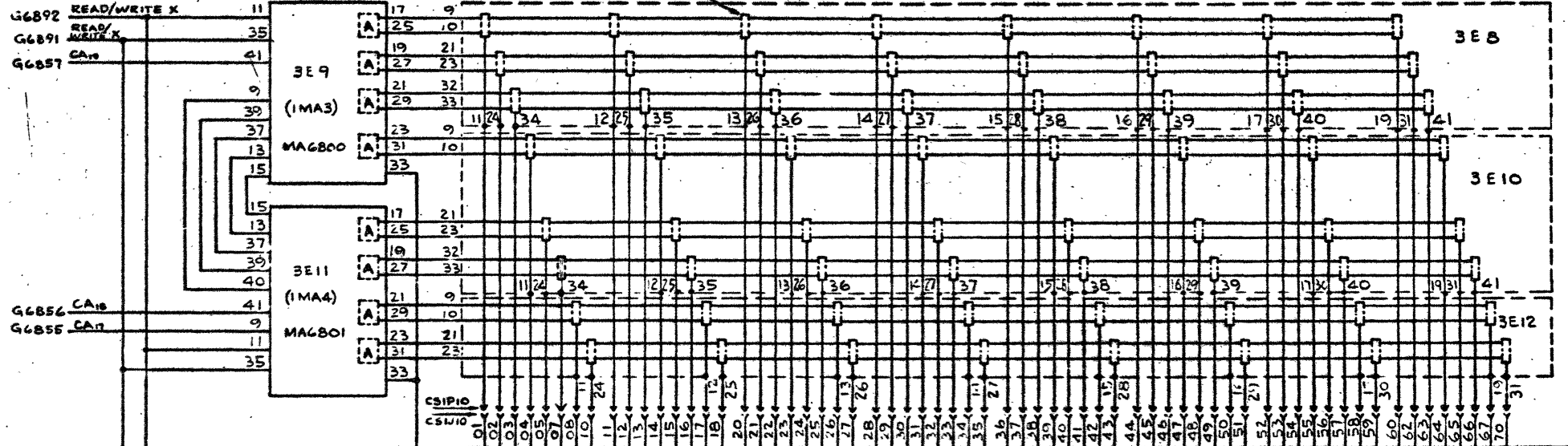
CONTROLLER SELECTOR OPTION

REDUCED SIZE  
 PRINT  
 DO NOT SCALE

REVISIONS	PRINTS TO
	KB-715/MP



UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING—		
APPLIED PRACTICES	SURFACES	TOLERANCES ON DIMENSIONS
	✓	



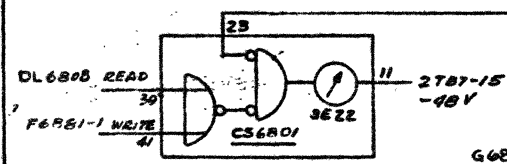
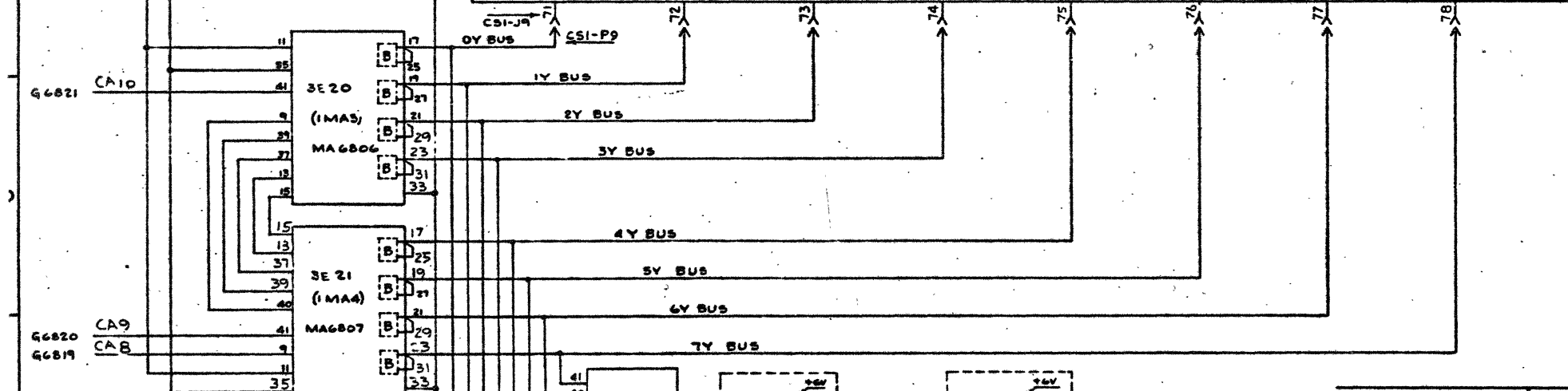
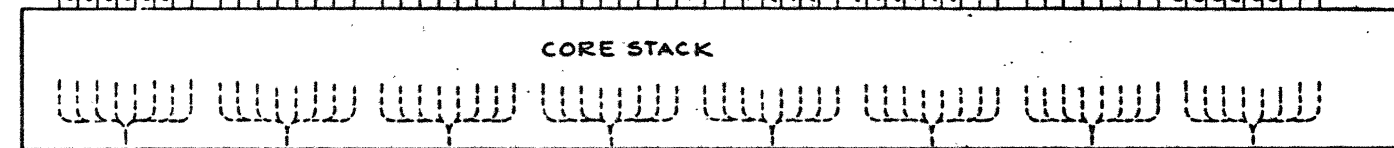
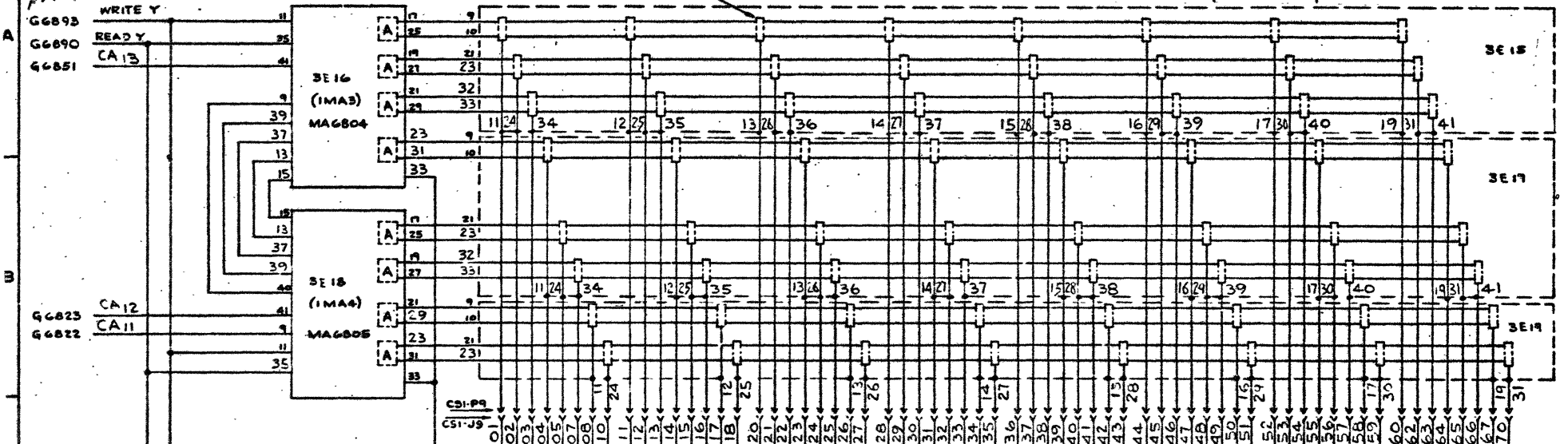
REDUCED SIZE PRINT  
DO NOT SCALE

REVISIONS	PRINTS TO
	48-17 5/RP

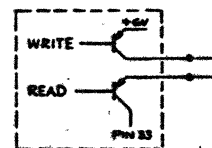
UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING—

APPLIED PRACTICES	SURFACES	TOLERANCES ON DIMENSIONS	FINISHES	DETAILS	ANGLES
	✓	±	±	±	±

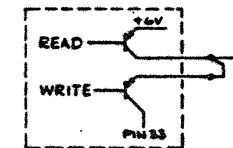
P. 101



G6897 (READ-CS-READ) + TIMING OFF



AREA A (TYPICAL)



AREA B (TYPICAL)

REDUCED SIZE PRINT DO NOT SCALE

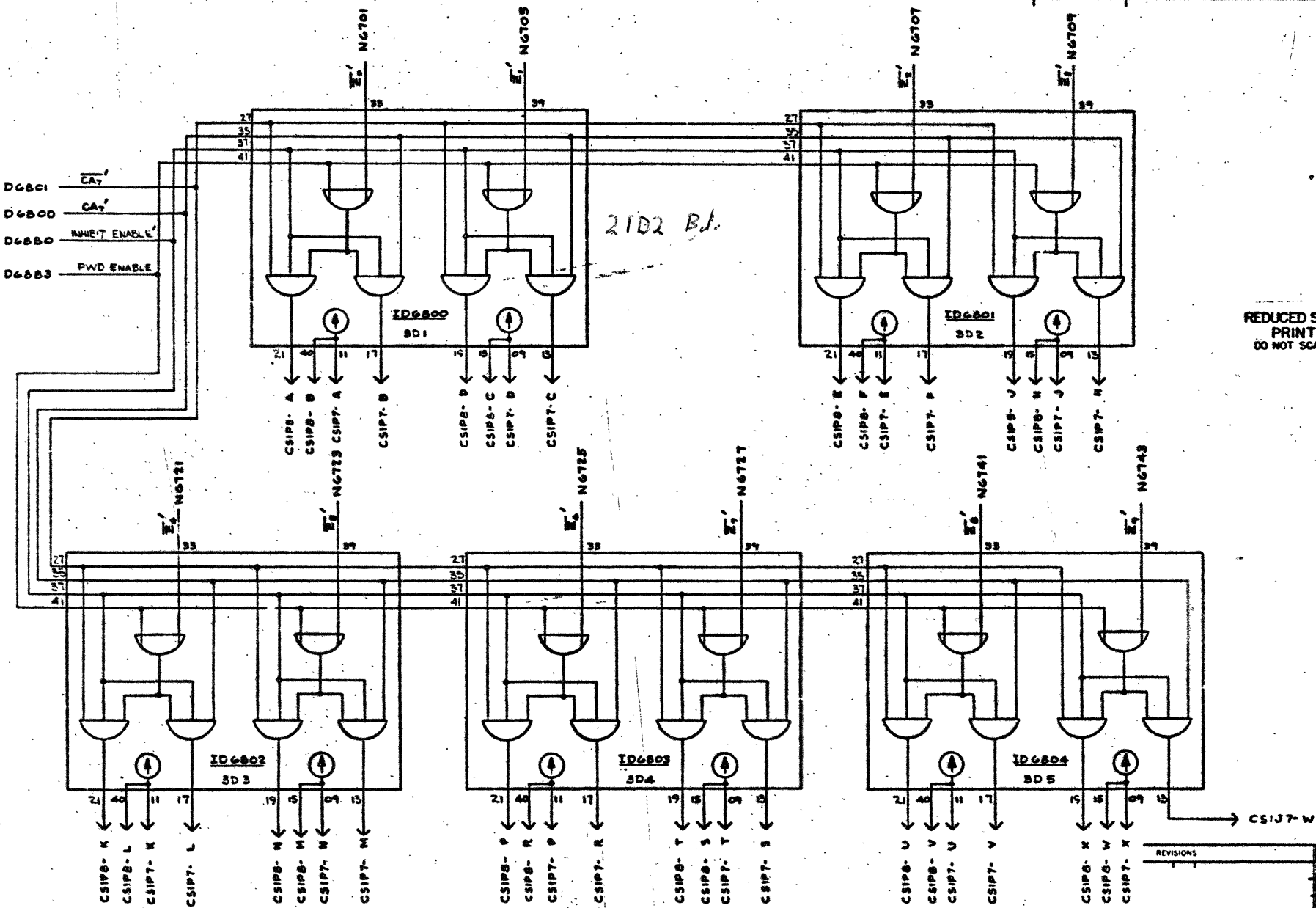
REVISIONS	PRINTS TO
	KB-17 S/MP
	01

DESIGNED BY Leonard James FEB 26, 63  
 CHECKED BY [Signature] APR 25, 1967

PROCESS COMPUTER  
 PHOENIX LOCATION CONT ON SHEET 9B DW NO 97

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING —			
APPLIED PRACTICES	SURFACES	TOLERANCES ON MACHINE DIMENSIONS	FINISHES
	✓	AS SHOWN	AS SHOWN

TITLE	LOGIC, INHIBIT DRIVERS
FIRST MADE FOR	6800

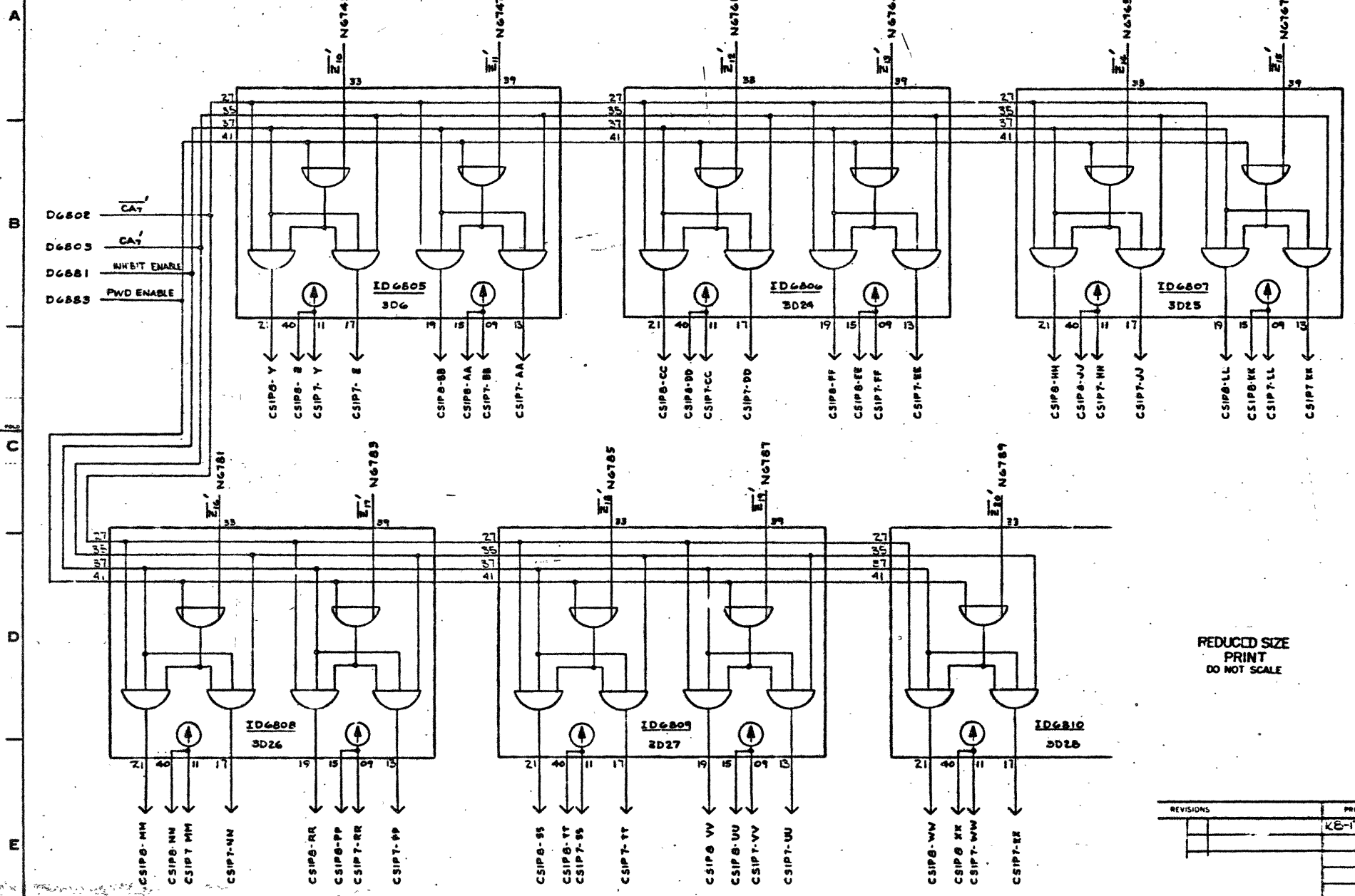


REDUCED SIZE  
PRINT  
DO NOT SCALE

REVISIONS	PRINTS TO
	KS-11 S/MP

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING			
APPLIED PRACTICES	SURFACES	TECHNIQUES ON MACHINED SURFACES	
✓	✓	FRACTIONAL	DECIMALS
		+	+
		+	+

TITLE LOGIC,  
**INHIBIT DRIVERS**  
FIRST MADE FOR 6800



REDUCED SIZE  
PRINT  
DO NOT SCALE

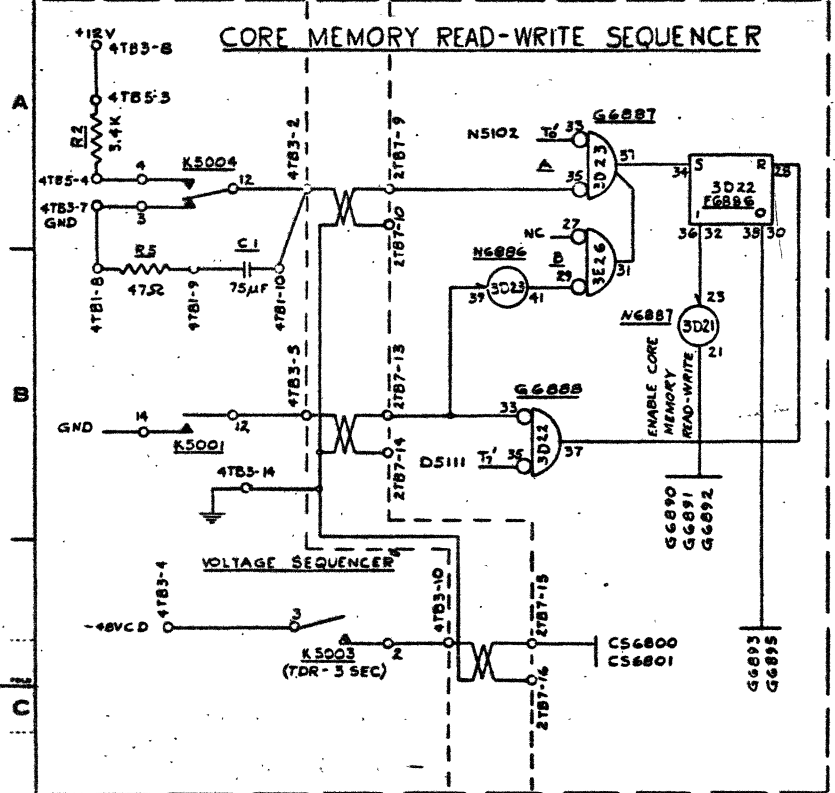
REVISIONS	PRINTS TO
	KE-17 S/AP

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING—

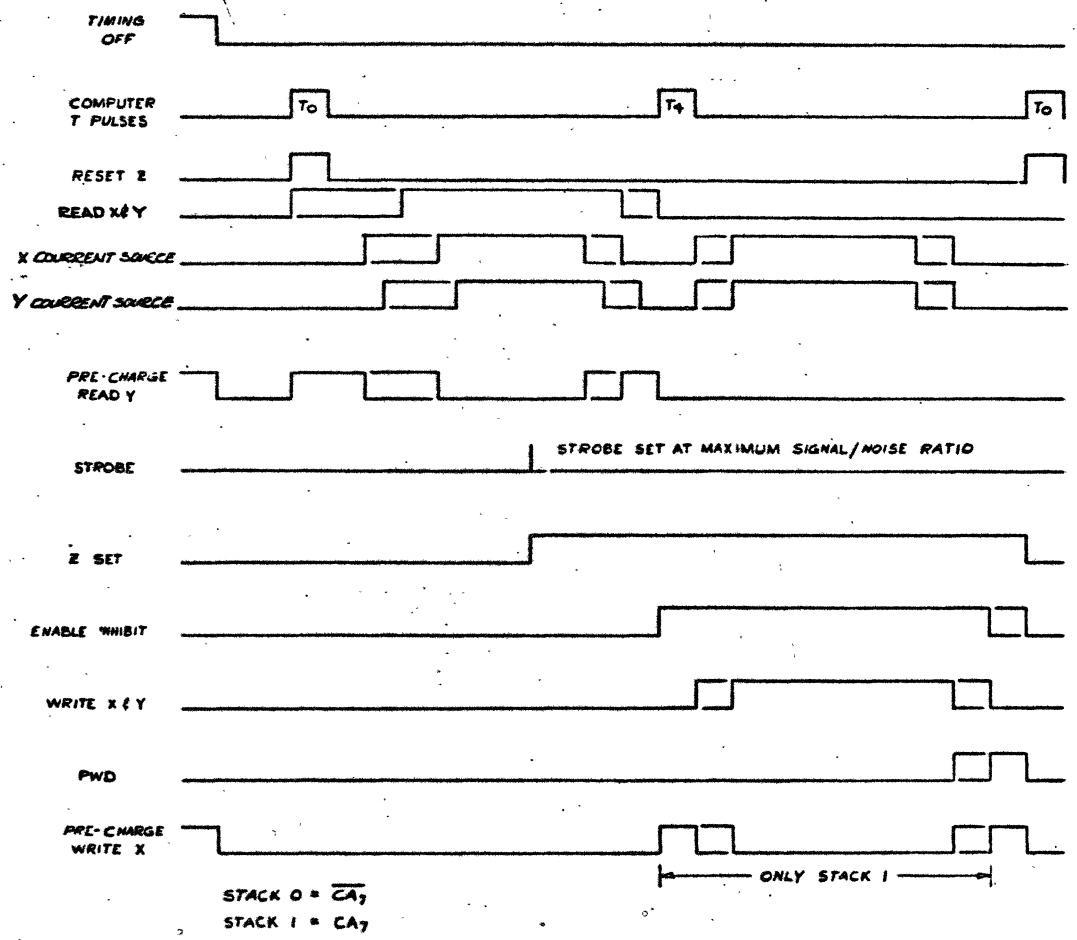
APPLIED PRACTICES	SURFACES	TOLERANCES UNLESS OTHERWISE SPECIFIED		
		FRACTIONS	DECIMALS	ANGLES
✓		±	±	±

TITLE LOGIC  
CORE MEMORY TIMING CONTROL  
FIRST MADE FOR 6800  
FCF

CORE MEMORY READ-WRITE SEQUENCER



CORE MEMORY READ/WRITE TIMING



STACK 0 = CA,  
STACK 1 = CA7

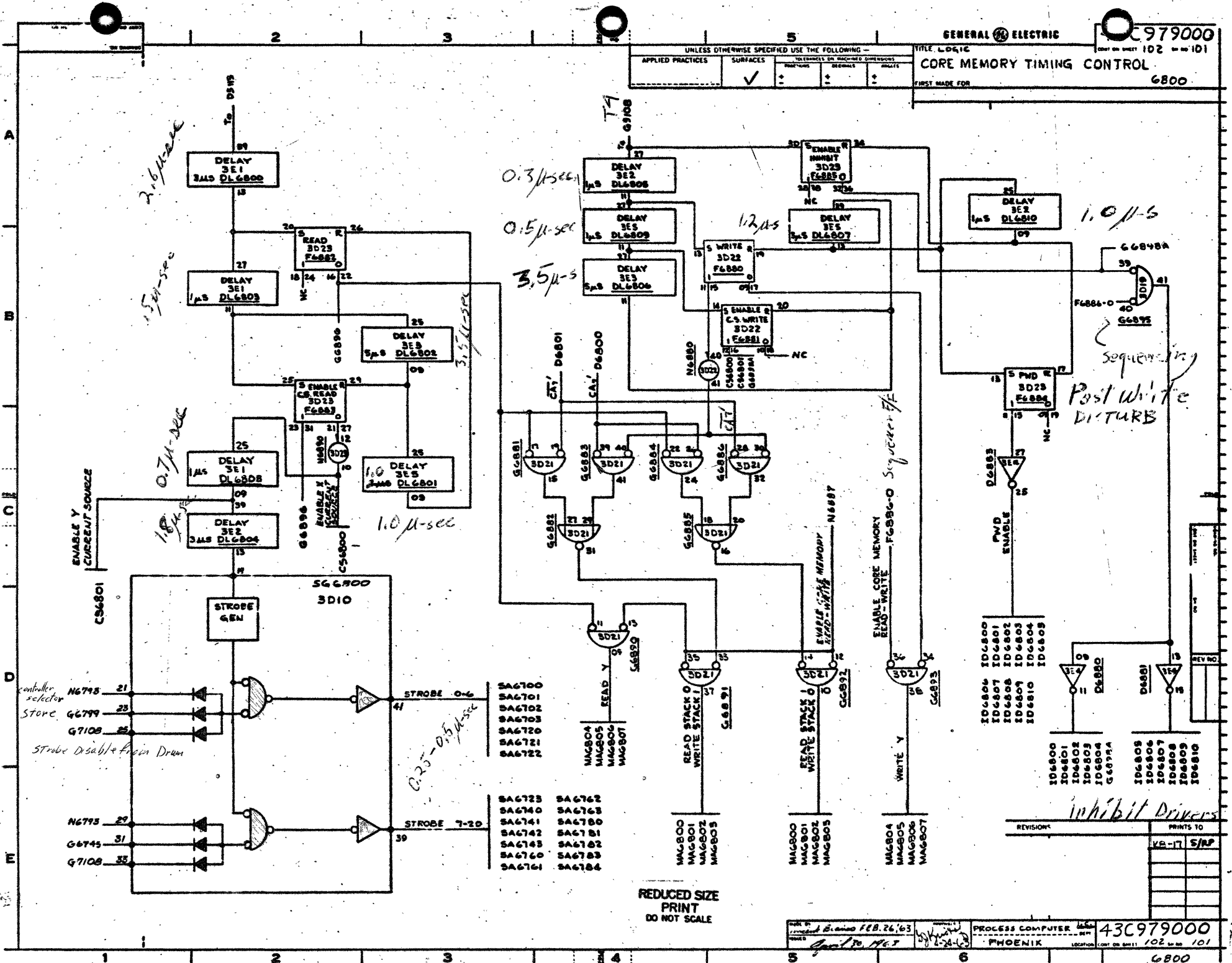
REDUCED SIZE  
PRINT  
DO NOT SCALE

REVISIONS		PRINTS TO	
NO.	DESCRIPTION	NO.	DESCRIPTION
1		KB-17	S/RP

DATE BY: Vincent E. Lind FEB 26, 63  
DRAWN BY: J. S. J. 02-24-63  
PROFESSOR COMPUTER  
PHOENIX  
43C979000  
CONT. ON SHEET 101 OF 100  
6800

*enabled only in upper A K*

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING -			
APPLIED PRACTICES	SURFACES	TOLERANCES ON DIMENSIONS	FINISHES
✓	✓	✓	✓

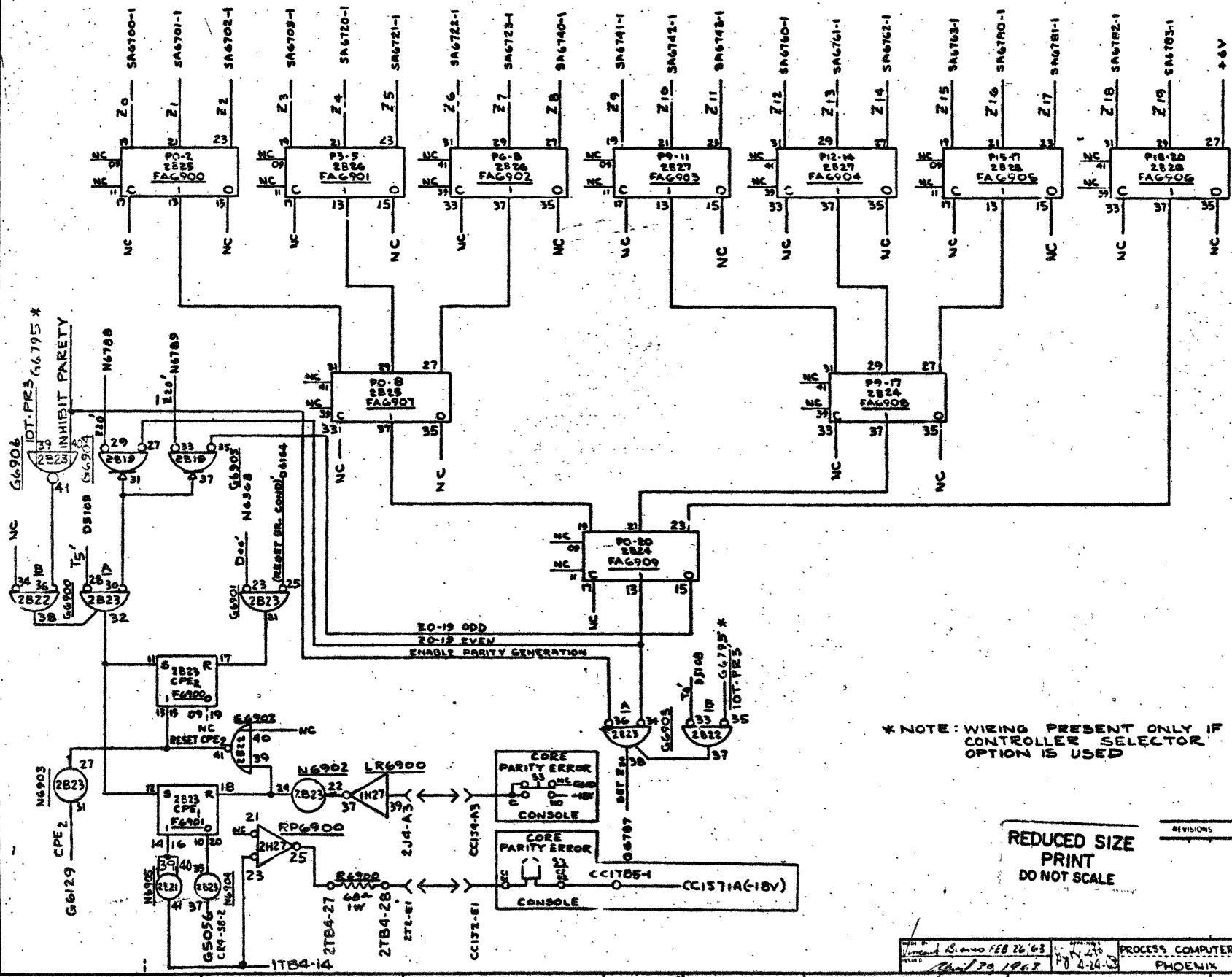


REDUCED SIZE  
 PRINT  
 DO NOT SCALE

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING

APPLIED PRACTICES	SURFACES	TOLERANCES UNLESS OTHERWISE SPECIFIED	FINISHES UNLESS OTHERWISE SPECIFIED
✓	✓	✓	✓

TITLE LOGIC  
**CORE PARITY**  
 FIRST MADE FOR 6900



\* NOTE: WIRING PRESENT ONLY IF CONTROLLER SELECTOR OPTION IS USED

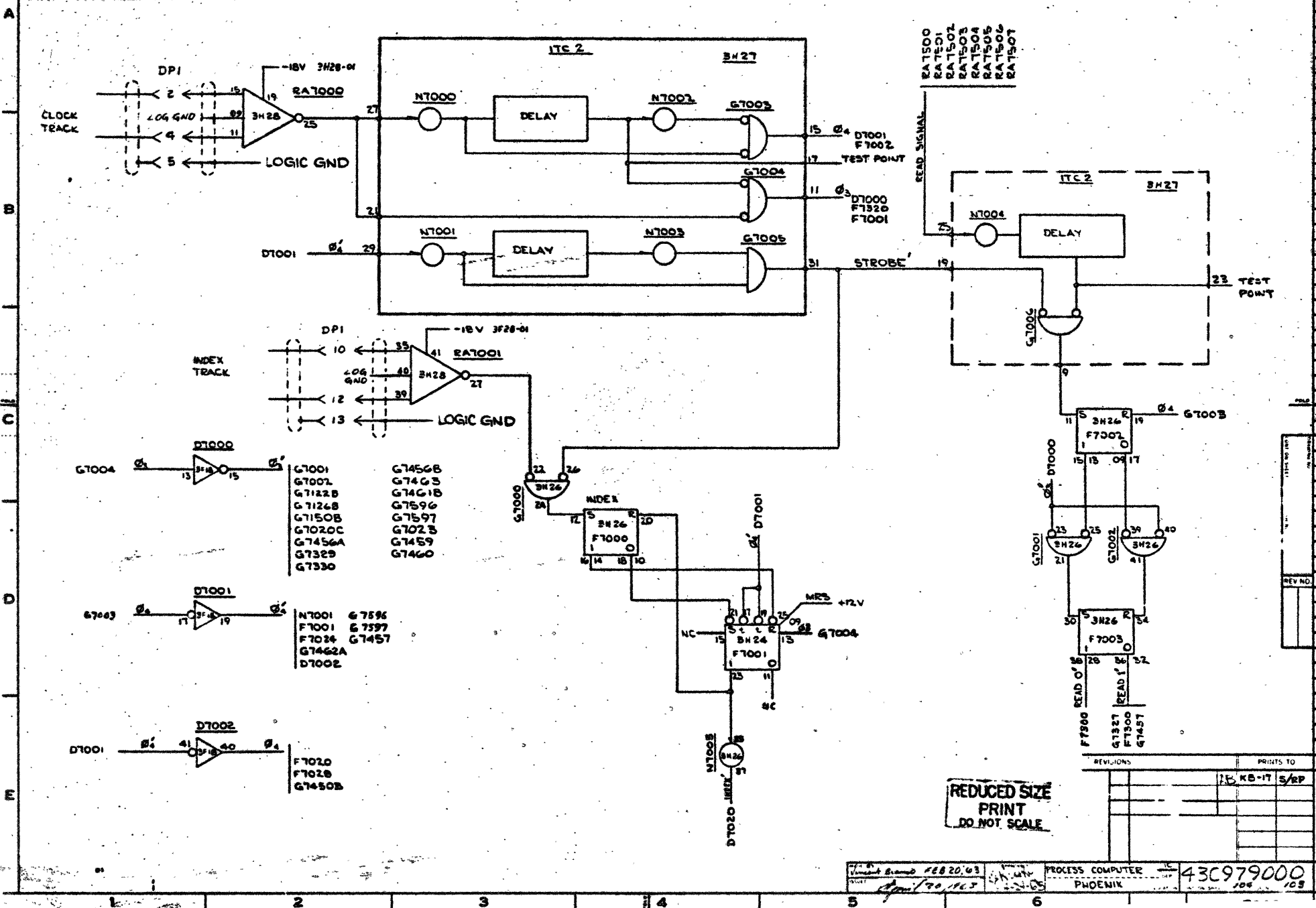
REDUCED SIZE  
 PRINT  
 DO NOT SCALE

REVISIONS	PRINTS TO
T	KB-17
AE	5/80

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING

APPLIED PRACTICES	SURFACES	TOLERANCES ON WRITTEN DIMENSIONS
		FRACTIONS DECIMALS ANGLES
	✓	•

TITLE LOGIC, DRUM CONTROL TIMING  
FIRST MADE FOR 7000



REDUCED SIZE PRINT  
DO NOT SCALE

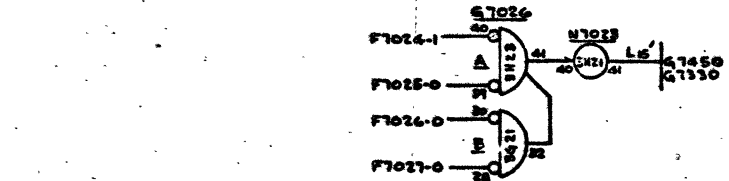
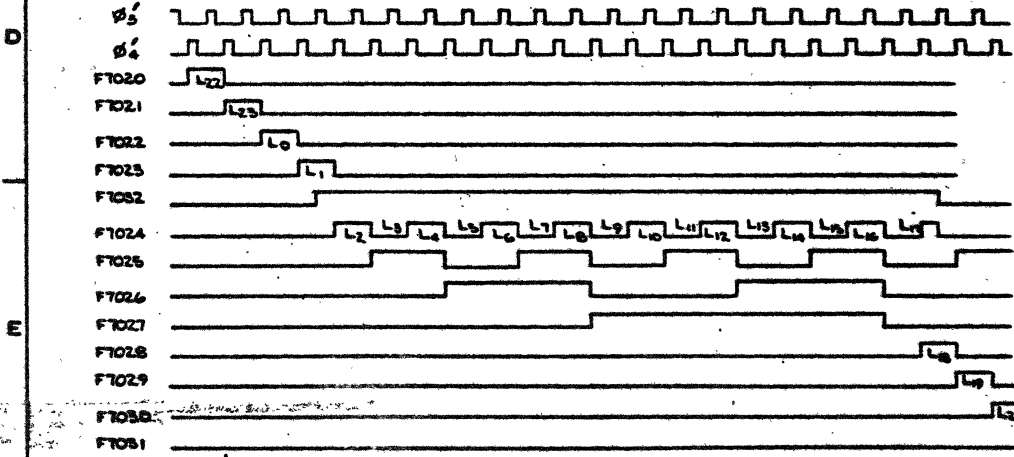
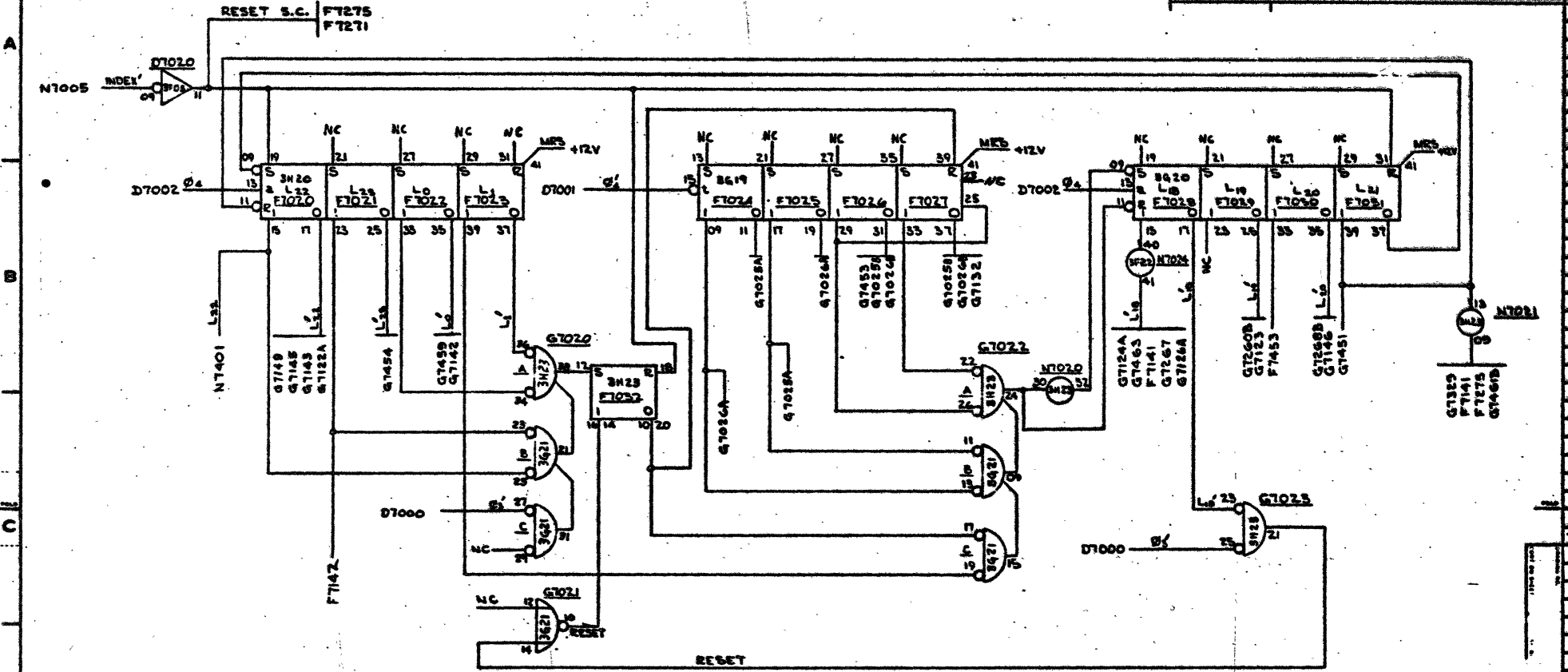
REV. NO.	PRINTS TO
1	15 KB-17 5/RP



UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING --  
APPLIED PRACTICES SURFACES FINISHES DIMENSIONS WEIGHTS

TITLE LOGIC  
DRUM, TIMING

7000

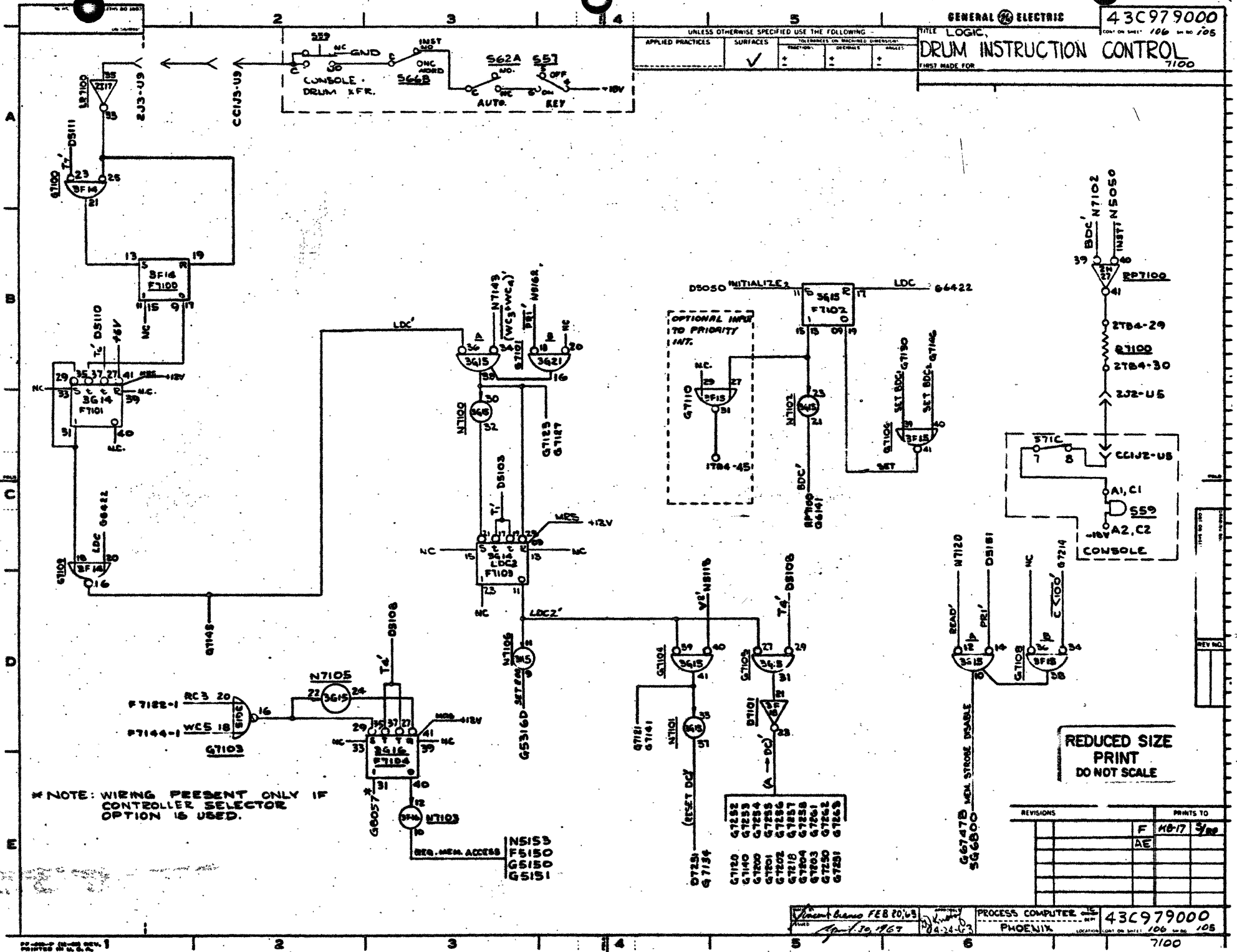


REDUCED SIZE  
PRINT  
DO NOT SCALE

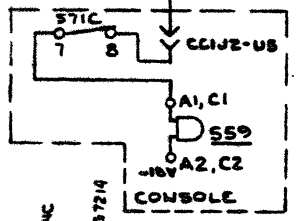
REVISIONS	PRINTS TO
	KB-17 5/8P

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING  
 APPLIED PRACTICES SURFACES TOLERANCES ON DIMENSIONS  
 FINISHES PERMITS  
 ✓

TITLE LOGIC  
**DRUM INSTRUCTION CONTROL**  
FIRST MADE FOR 7100



\* NOTE: WIRING PRESENT ONLY IF CONTROLLER SELECTOR OPTION IS USED.



REDUCED SIZE PRINT  
 DO NOT SCALE

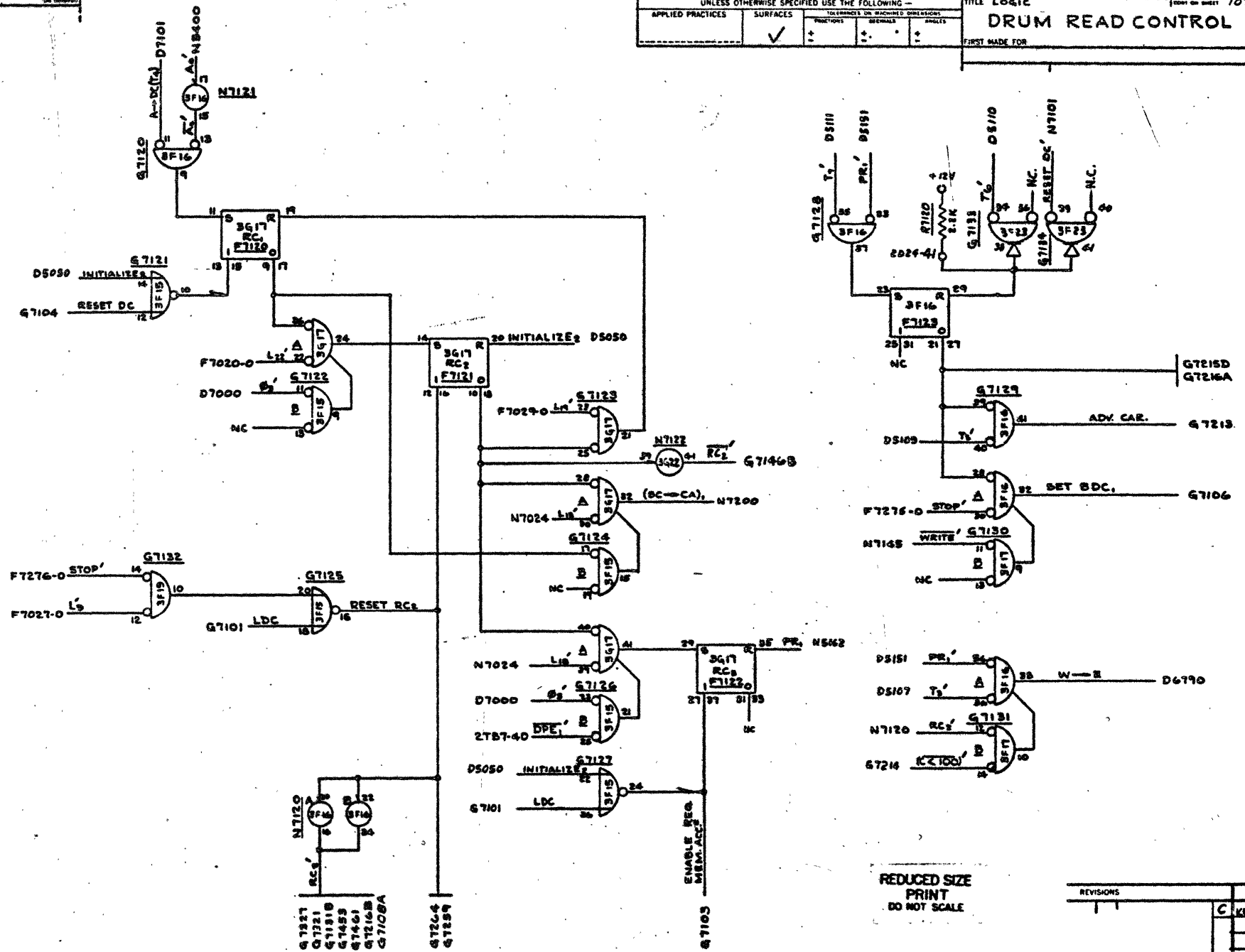
G7252	G7253
G7254	G7255
G7256	G7257
G7258	G7259
G7260	G7261
G7262	G7263
G7264	G7265
G7266	G7267
G7268	G7269
G7270	G7271
G7272	G7273
G7274	G7275

REVISIONS	PRINTS TO
	F 1817 3/80
	AE

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING —			
APPLIED PRACTICES	SURFACES	TOLERANCES ON DIMENSIONS	
	✓	FRACTIONS	DECIMALS
		+	+
		±	±
		-	-

TITLE LOGIC  
**DRUM READ CONTROL**  
 FIRST MADE FOR 7100

A  
B  
C  
D  
E

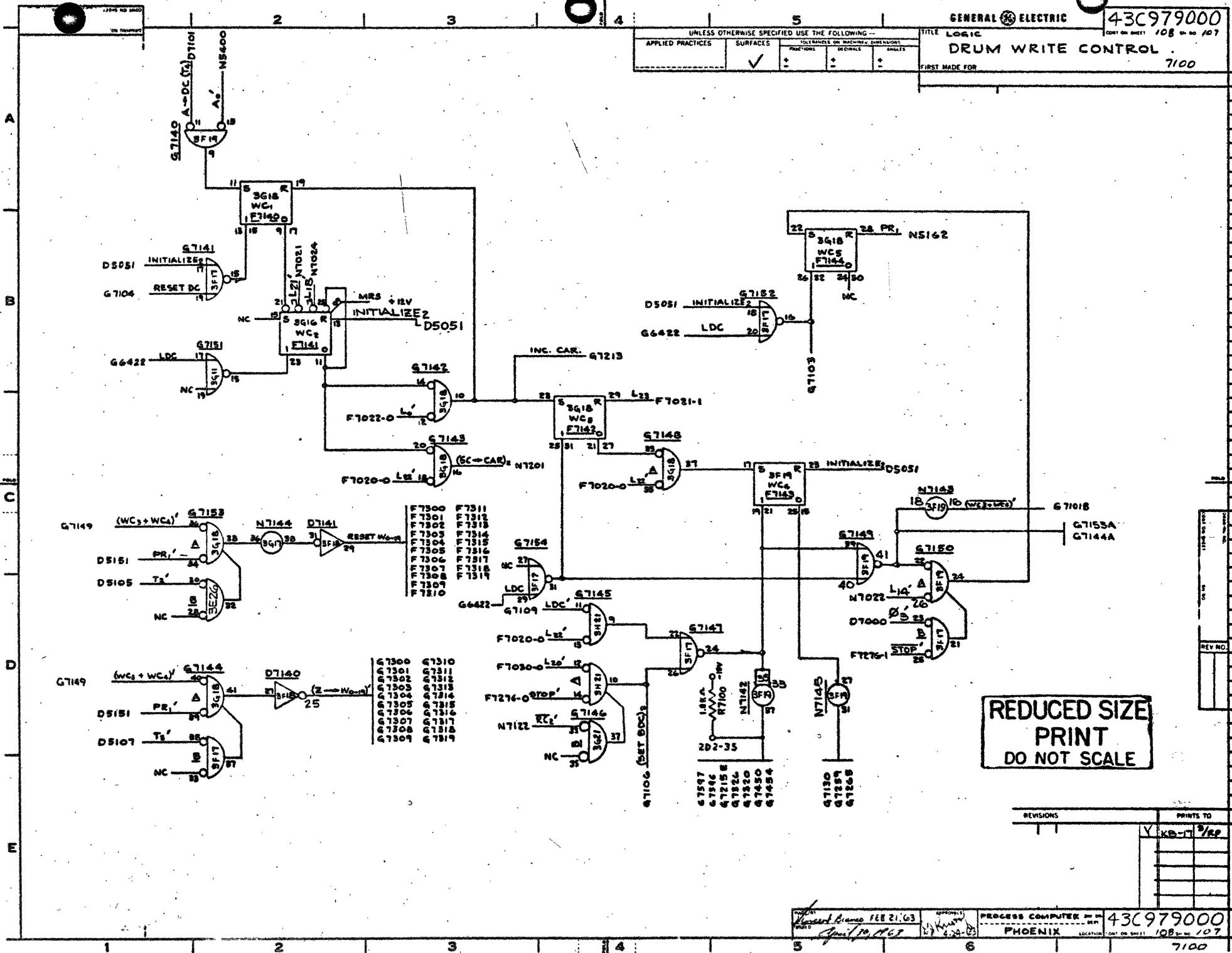


REDUCED SIZE  
 PRINT  
 DO NOT SCALE

REVISIONS	PRINTS TO
	C KB-17

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING --			
APPLIED PRACTICES	SURFACES	TOLERANCES OR DIMENSIONS	UNLESS OTHERWISE SPECIFIED
	✓	FRAC TIONS	DECIMALS
		INCHES	MILLIMETERS

TITLE LOGIC  
 DRUM WRITE CONTROL  
 FIRST MADE FOR 7100



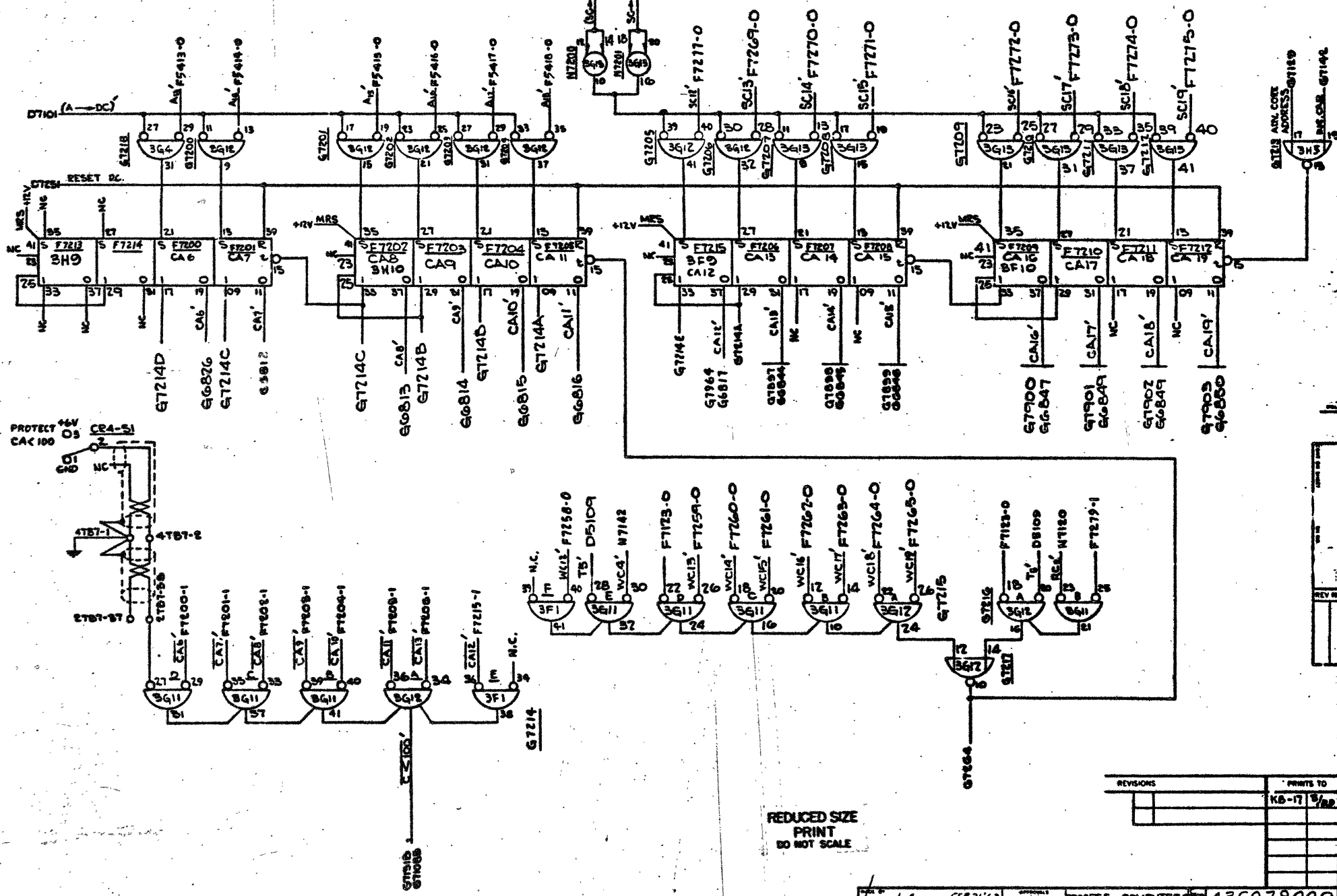
**REDUCED SIZE  
 PRINT  
 DO NOT SCALE**

REVISIONS	PRINTS TO
	✓ KB-T 9/68

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING—			
APPLIED PRACTICES	SURFACES	TOLERANCES UNLESS OTHERWISE SPECIFIED	
	✓	FRACTIONS	DECIMALS
		1/16	0.001

TITLE LOGIC,  
**DRUM ADDRESS REGISTER**  
 FIRST MADE FOR 7200

CORE ADDRESS



REDUCED SIZE PRINT  
DO NOT SCALE

REVISIONS	PRINTED TO
	KB-17 8/68

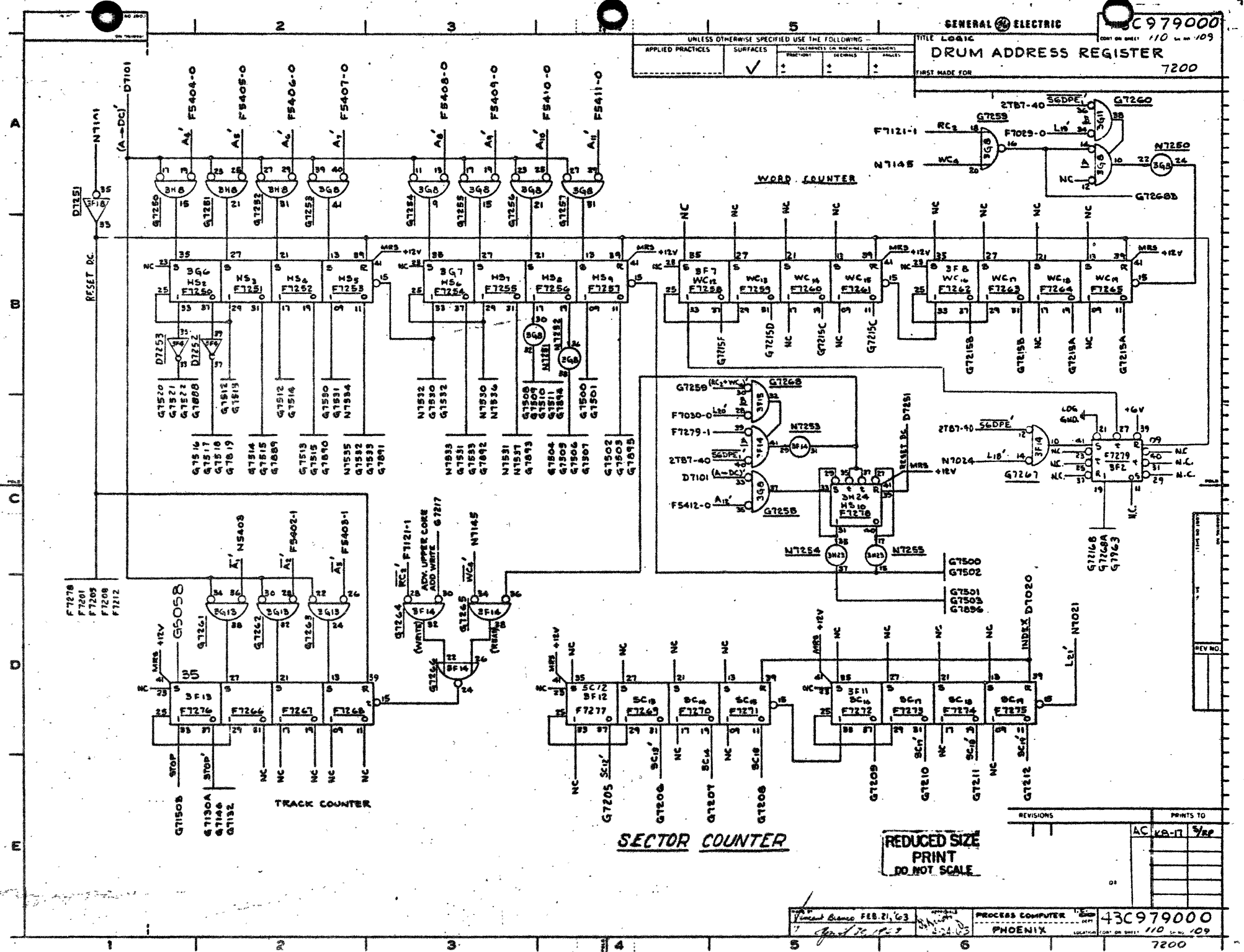
UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING TOLERANCES ON MEASURED DIMENSIONS:

APPLIED PRACTICES	SURFACES	TOLERANCES ON MEASURED DIMENSIONS
PREFERRED	SECONDARY	TERTIARY
✓		

**DRUM ADDRESS REGISTER**  
7200

FIRST MADE FOR

CONTRACT NO. 110 109

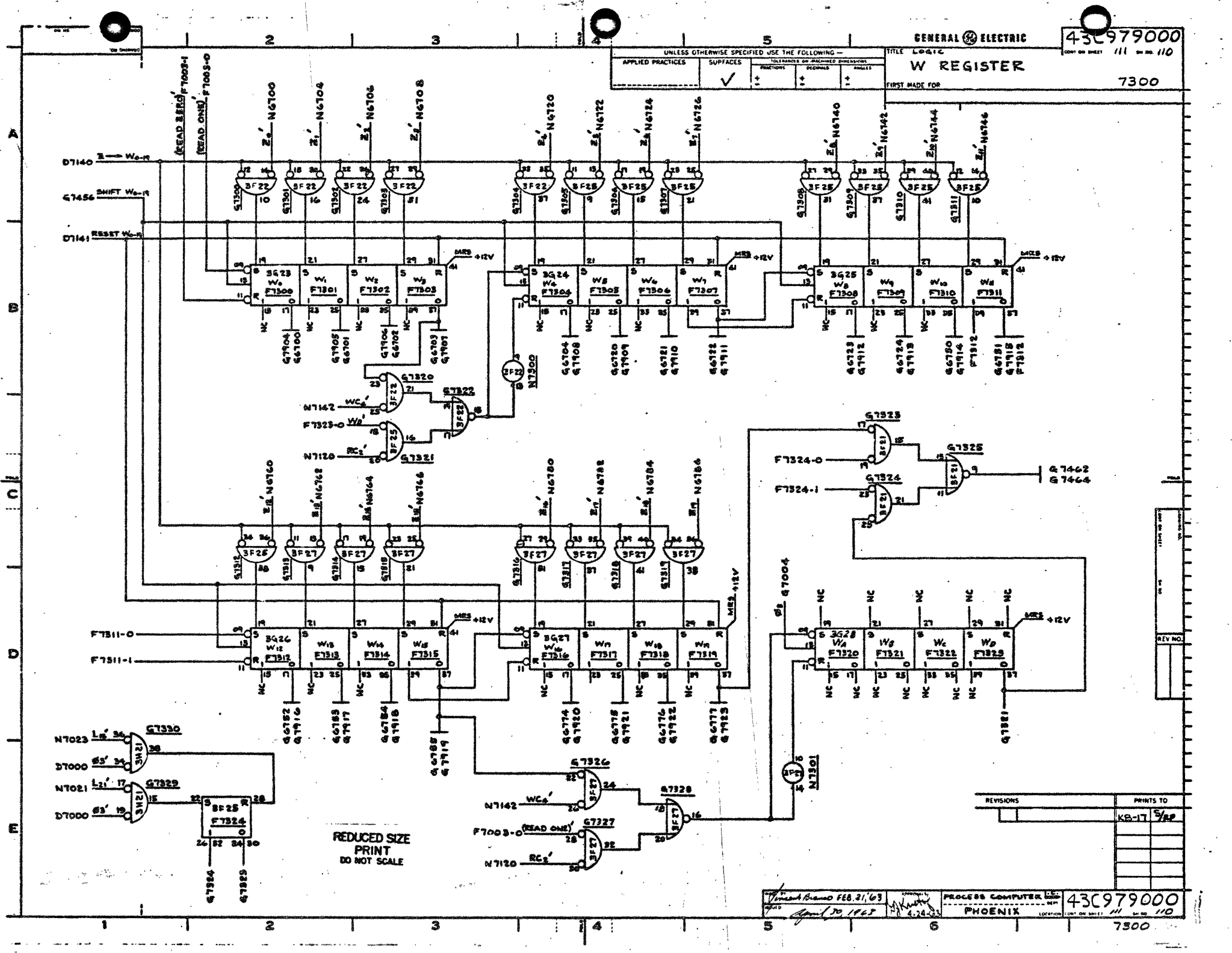


REDUCED SIZE PRINT  
DO NOT SCALE

REVISIONS	PRINTS TO
	AC VA-7 5/68

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING --			
APPLIED PRACTICES	SURFACES	TOLERANCES ON DIMENSIONS	
	✓	FRACTIONS	DIMENALS
		+	+
		+	+

TITLE LOGIC  
**W REGISTER**  
 FIRST MADE FOR 7300



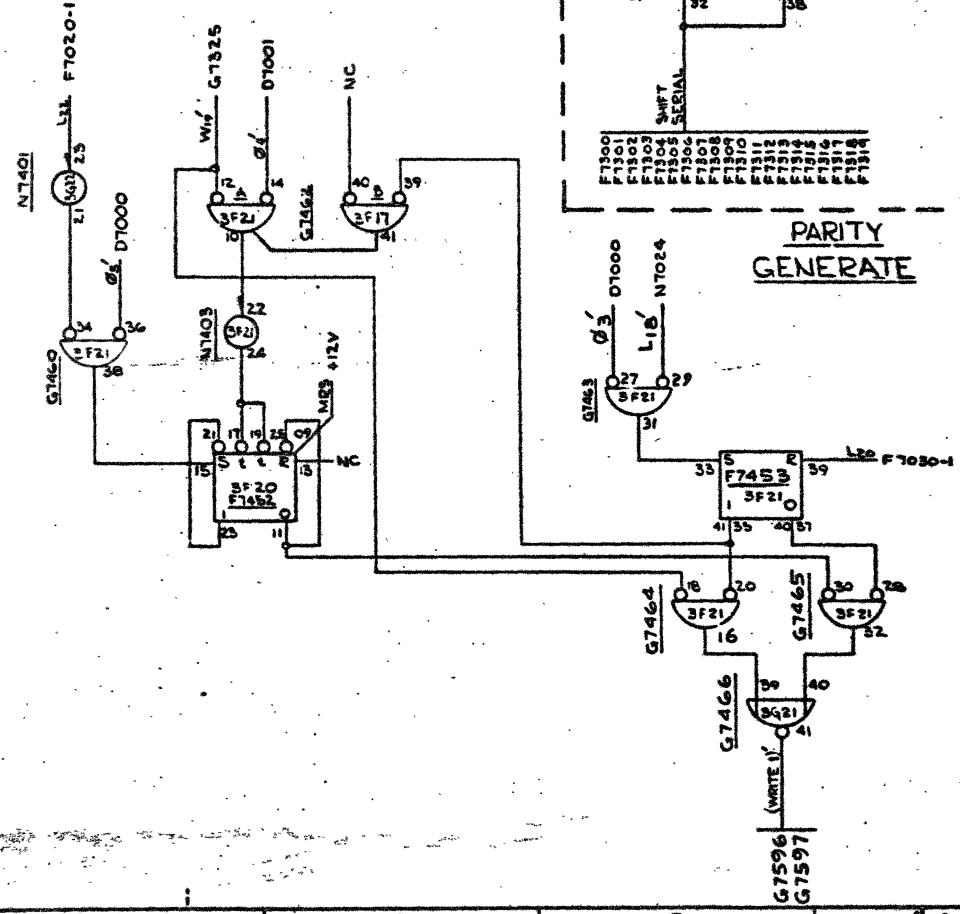
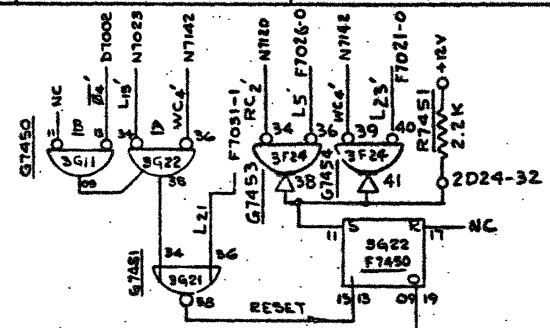
REDUCED SIZE  
 PRINT  
 DO NOT SCALE

REVISIONS	PRINTS TO
	KR-17 5/62

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING--

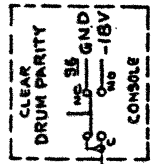
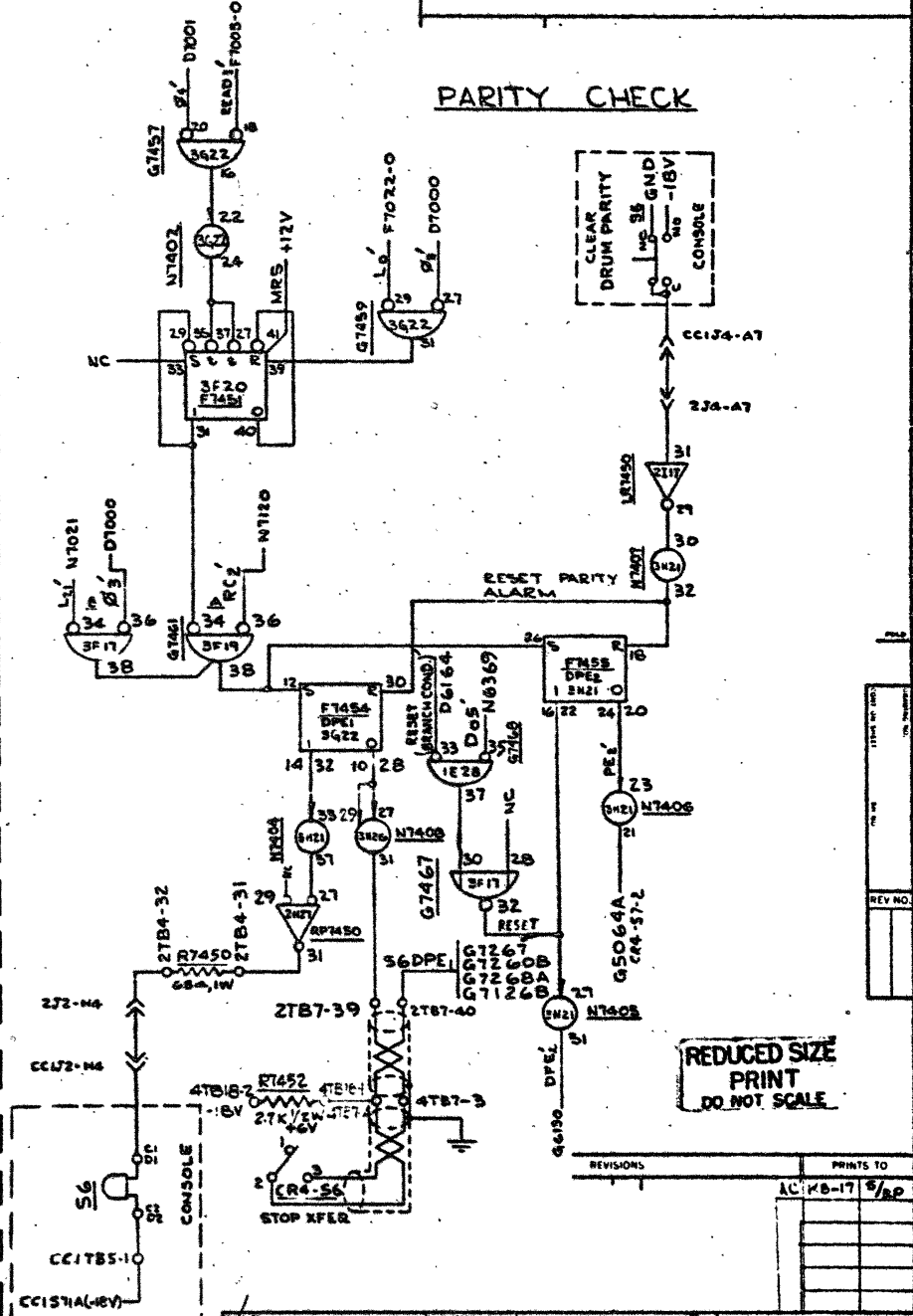
APPLIED PRACTICES	SURFACES	TOOLERIES OR MACHINED DIMENSIONS	FINISH	ANGLE
✓	+	+	+	+

### SERIAL SHIFT CONTROL



### PARITY GENERATE

### PARITY CHECK



REDUCED SIZE PRINT  
DO NOT SCALE

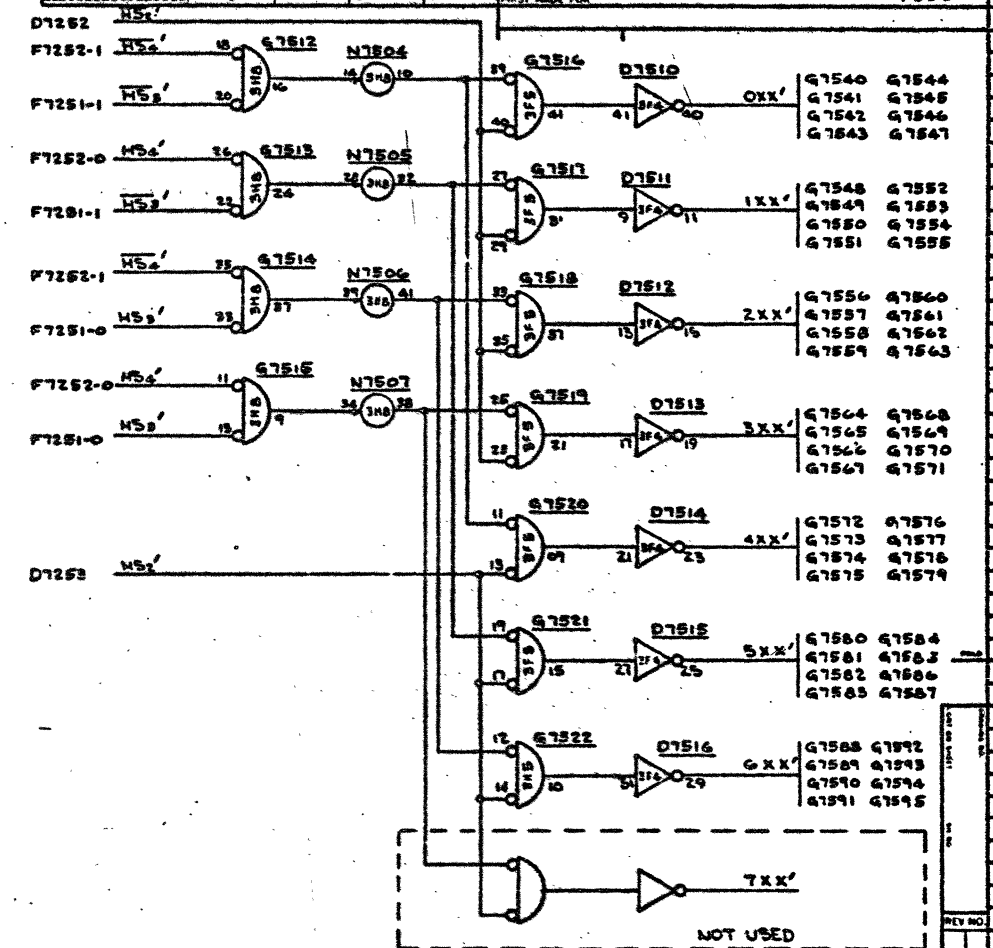
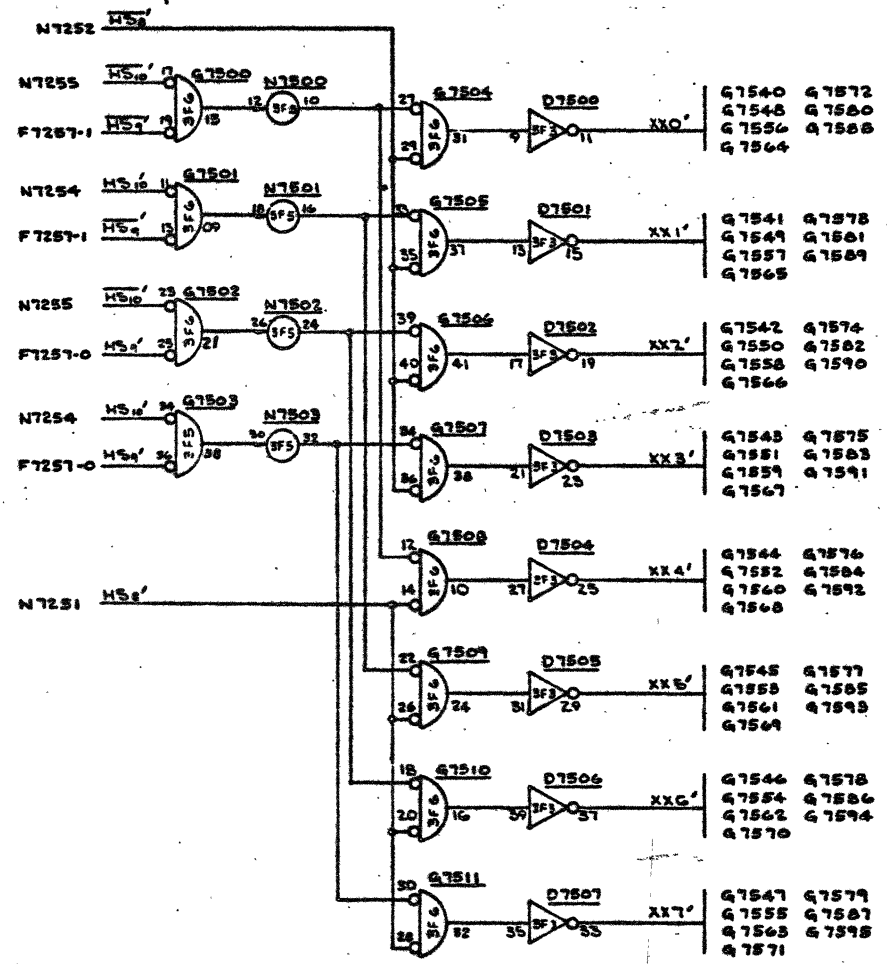
REVISIONS	PRINTS TO
	AC/K6-17 S/SP



UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING—			
APPLIED PRACTICES	SURFACES	TOLERANCES UNLESS OTHERWISE SPECIFIED	FINISHES UNLESS OTHERWISE SPECIFIED
✓	✓	AS SHOWN	AS SHOWN

TITLE LOGIC,  
**DRUM ADDRESS DECODE**  
FIRST MADE FOR  
7600

A  
B  
C  
D  
E



COLUMN DECODING

GROUP DECODING

REDUCED SIZE  
PRINT  
DO NOT SCALE

REVISIONS	PRINTS TO
	KE-17 5/68

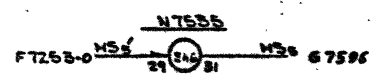
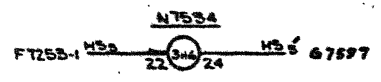
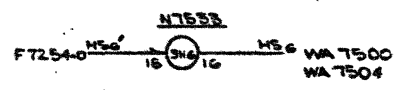
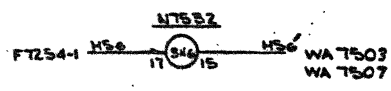
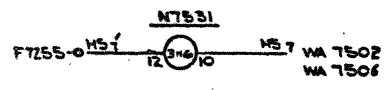
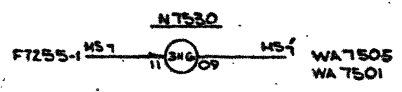
UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING -

APPLIED PRACTICES	SURFACES	TERMINALS OR PACKAGED COMPONENTS	WIRE LOGIC
	✓		

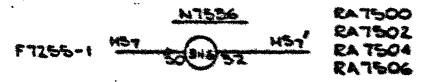
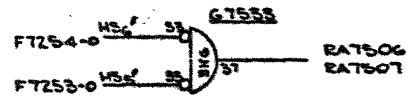
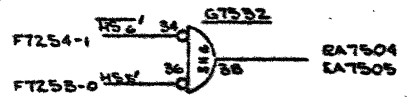
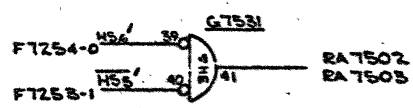
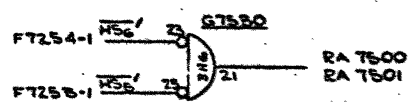
TITLE LOGIC,  
**DRUM ADDRESS DECODE**  
 FIRST MADE FOR 7500

ROW DECODING

WRITE



READ



NOTES - 1. N7530-37 & G7530-33 ARE DEPENDENT ELEMENTS

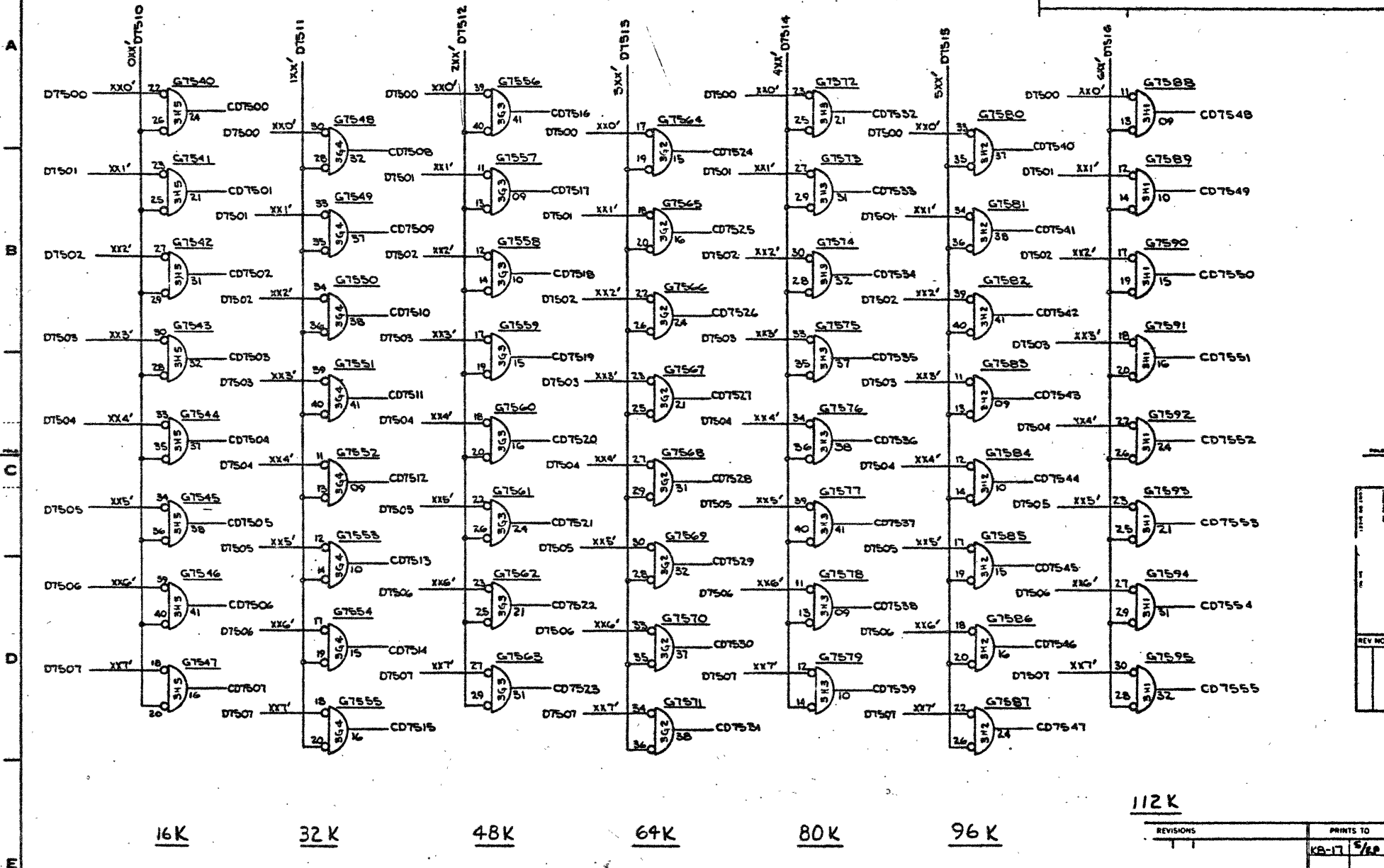
REDUCED SIZE  
 PRINT  
 DO NOT SCALE

REVISIONS	PRINTS TO
	KB-715/SP

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING—

APPLIED PRACTICES	SURFACES	TOLERANCES ON MACHINED DIMENSIONS
	✓	FRACTIONS DECIMALS ANGLES
		+ + +

TITLE LOGIC,  
**DRUM ADDRESS DECODE**  
 FIRST MADE FOR 7500



16K

32K

48K

64K

80K

96K

112K

REDUCED SIZE  
 PRINT  
 DO NOT SCALE

REVISIONS	PRINTS TO
	KA-17 5/60

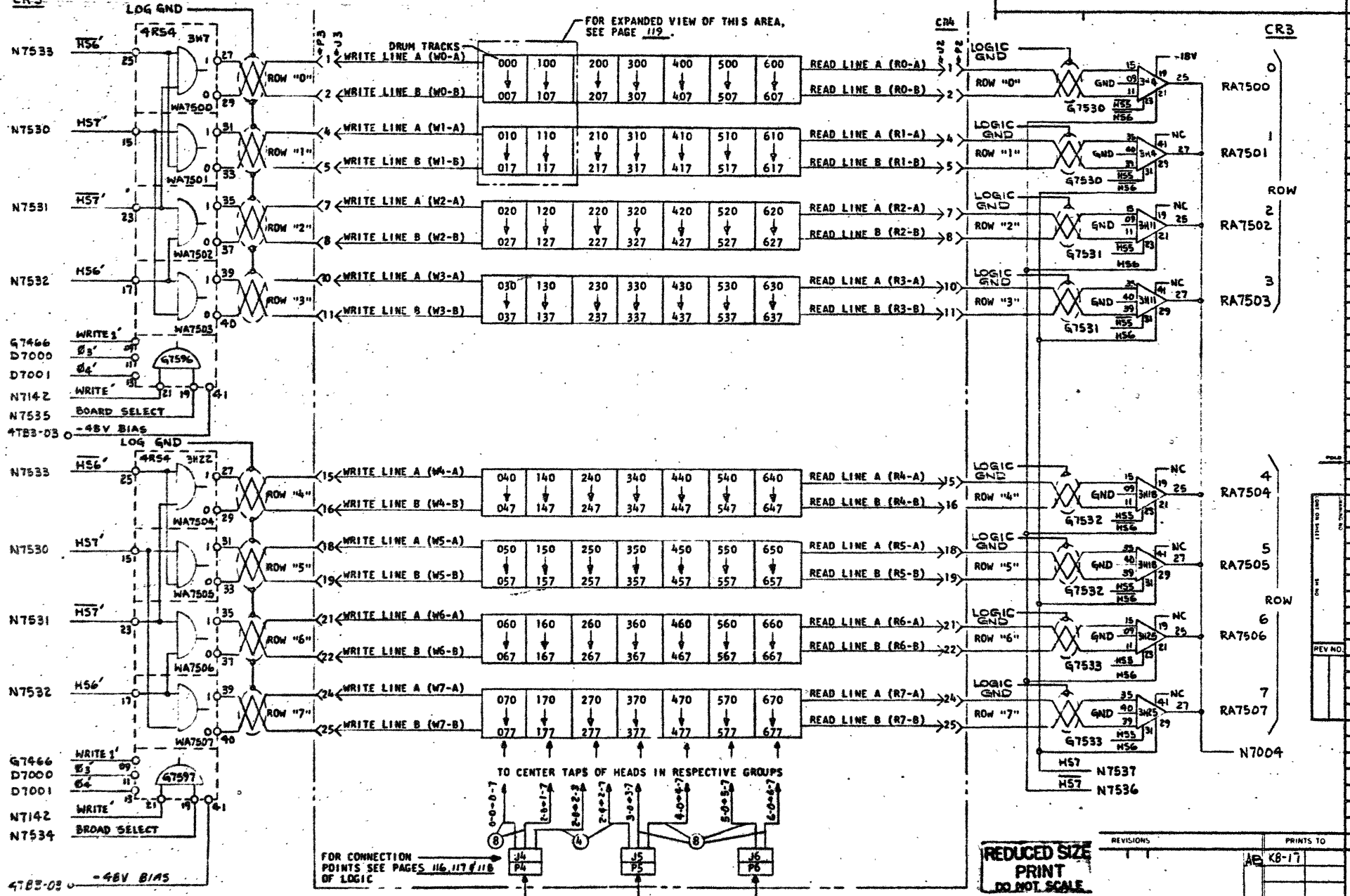
UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING -	
APPLIED PRACTICES	SURFACES
✓	✓

TITLE **DRUM HEAD SELECTION**  
FIRST MADE FOR

CR3

CR4

CR3



- N7533
- N7530
- N7531
- N7532
- G7466
- D7000
- D7001
- N7142
- N7535
- 47B3-03
- N7533
- N7530
- N7531
- N7532
- G7466
- D7000
- D7001
- N7142
- N7534
- 47B3-09

- 0
- 1
- 2
- 3
- 4
- 5
- 6
- 7

**REDUCED SIZE PRINT**  
DO NOT SCALE

REVISIONS	PRINTS TO
	16 K8-17

CD7500  
CD7519

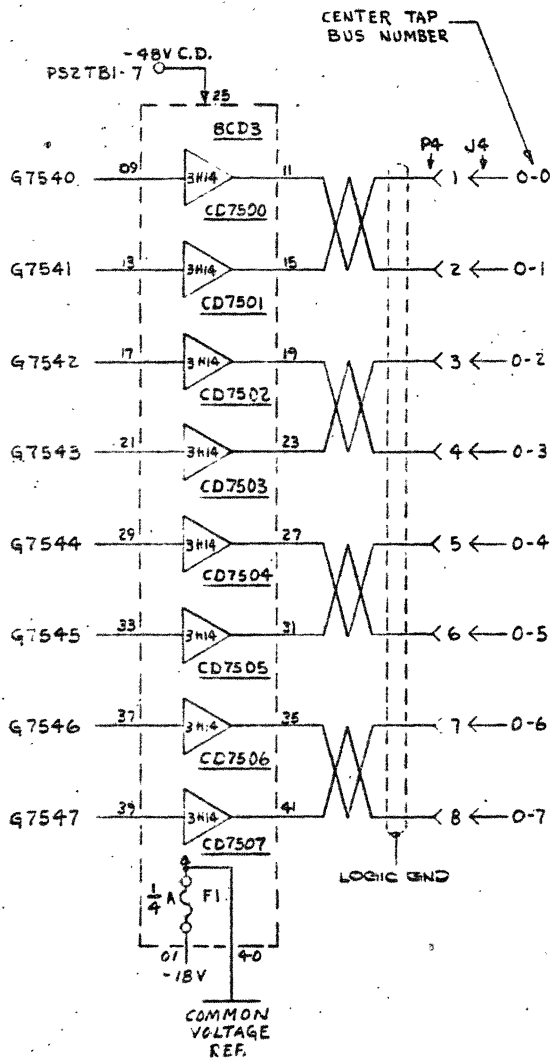
CD7520  
CD7539

CD7540  
CD7555

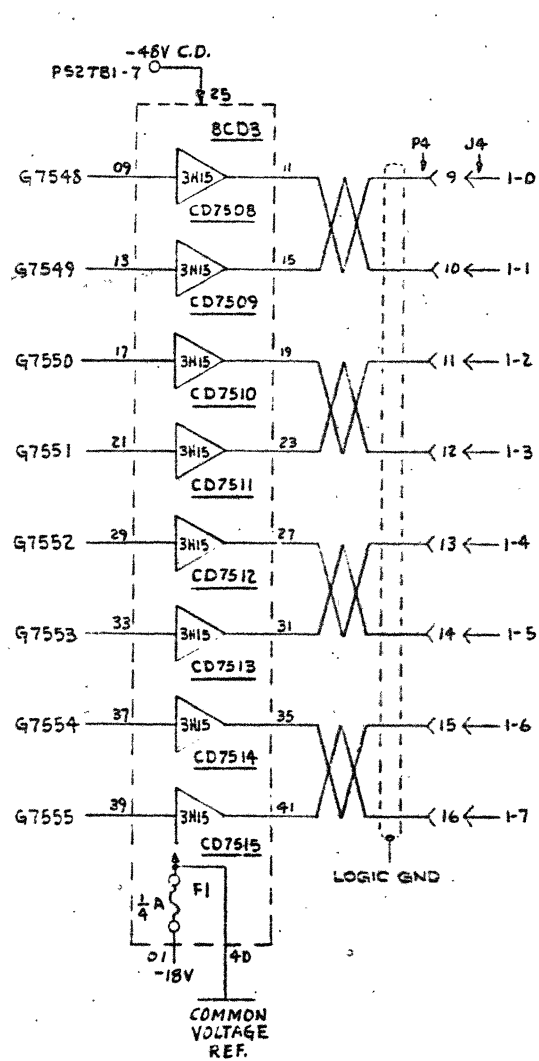
UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING:				
APPLIED PRACTICES	SURFACES	FRACTIONS	DECIMALS	ANGLE
	✓	+	+	+

TITLE LOGIC,  
**DRUM HEAD SELECTION**  
 FIRST MADE FOR 7500

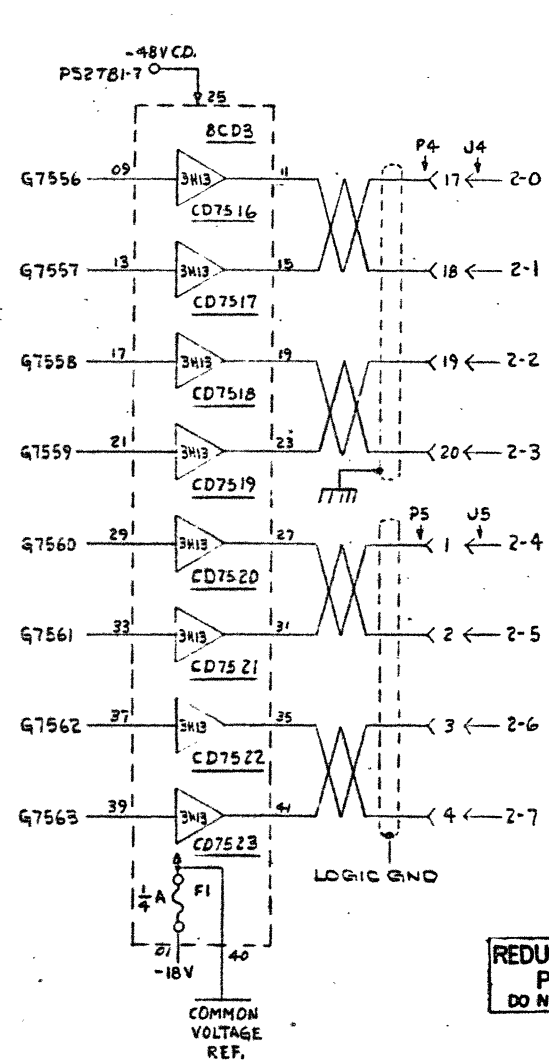
A  
B  
C  
D  
E



16K



32K



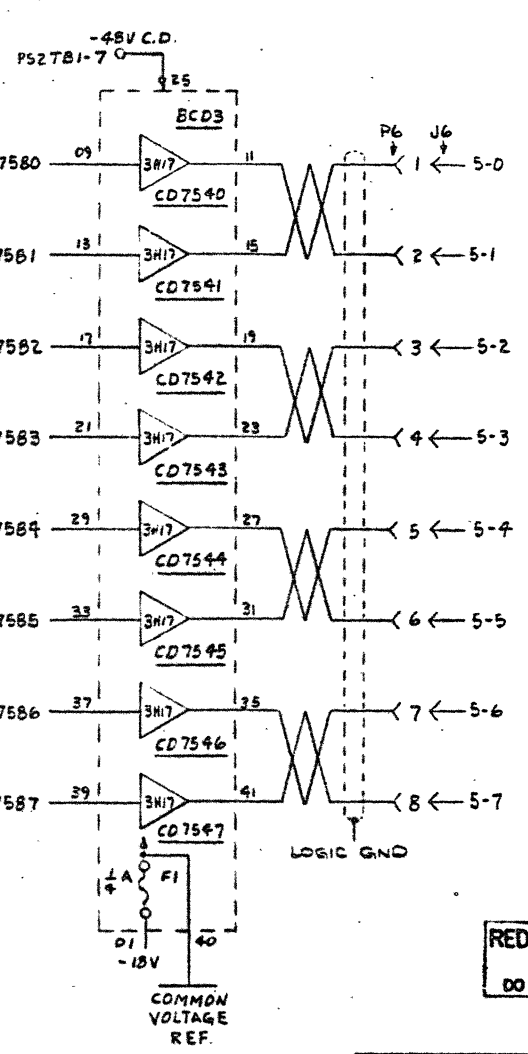
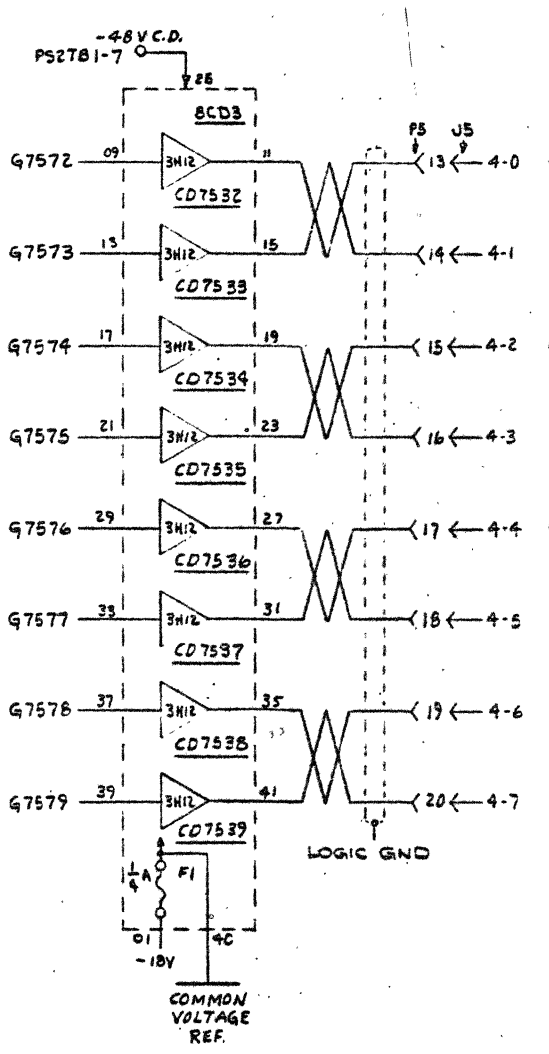
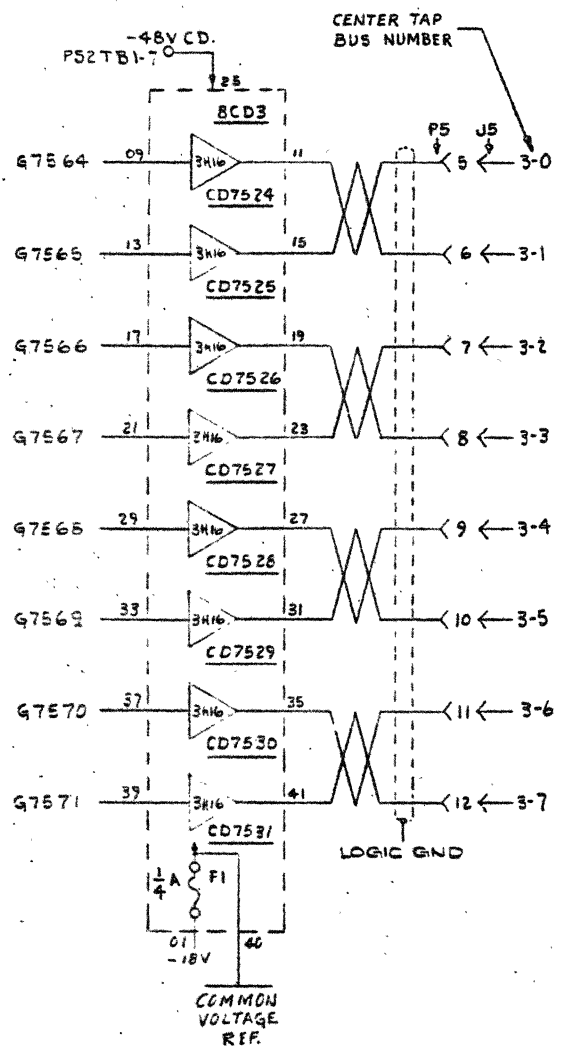
48K

REDUCED SIZE  
 PRINT  
 DO NOT SCALE

REVISIONS	PRINTS TO
	10 < 6-17

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING				
APPLIED PRACTICES	SURFACES	FRACTIONS	DECIMALS	PERCENTS
	✓	+	+	+

TITLE **LOGIC, DRUM HEAD SELECTION**  
 FIRST MADE FOR 7500



**REDUCED SIZE PRINT DO NOT SCALE**

REVISIONS	PRINTS TO
	10 18-17

2

3

5

GENERAL ELECTRIC

43979000

119 118

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING:			
APPLIED PRACTICES	SURFACES	FRAC. N.	FRAC. D.
✓		+	+

TITLE **LOGIC, DRUM HEAD SELECTION**  
 FIRST MADE FOR 7500

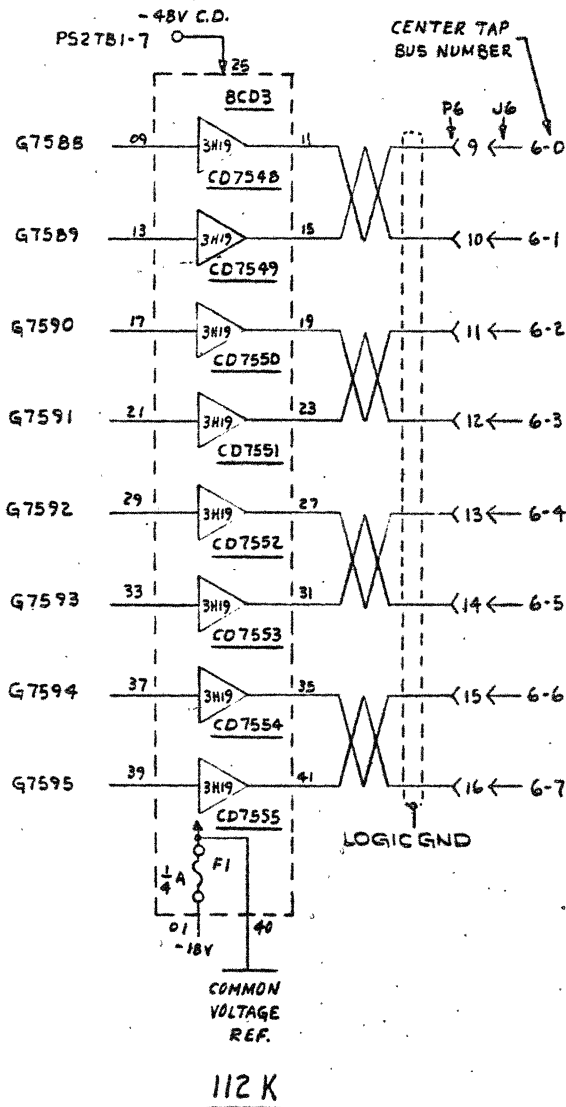
A

B

C

D

E



REV NO	REV	DATE

**REDUCED SIZE  
 PRINT  
 DO NOT SCALE**

REVISIONS	PRINTED
	AD K8-17

PROCESS COMPUTER  
 PRODENIX  
 43C979000  
 119 118  
 7500

2

3

4

5

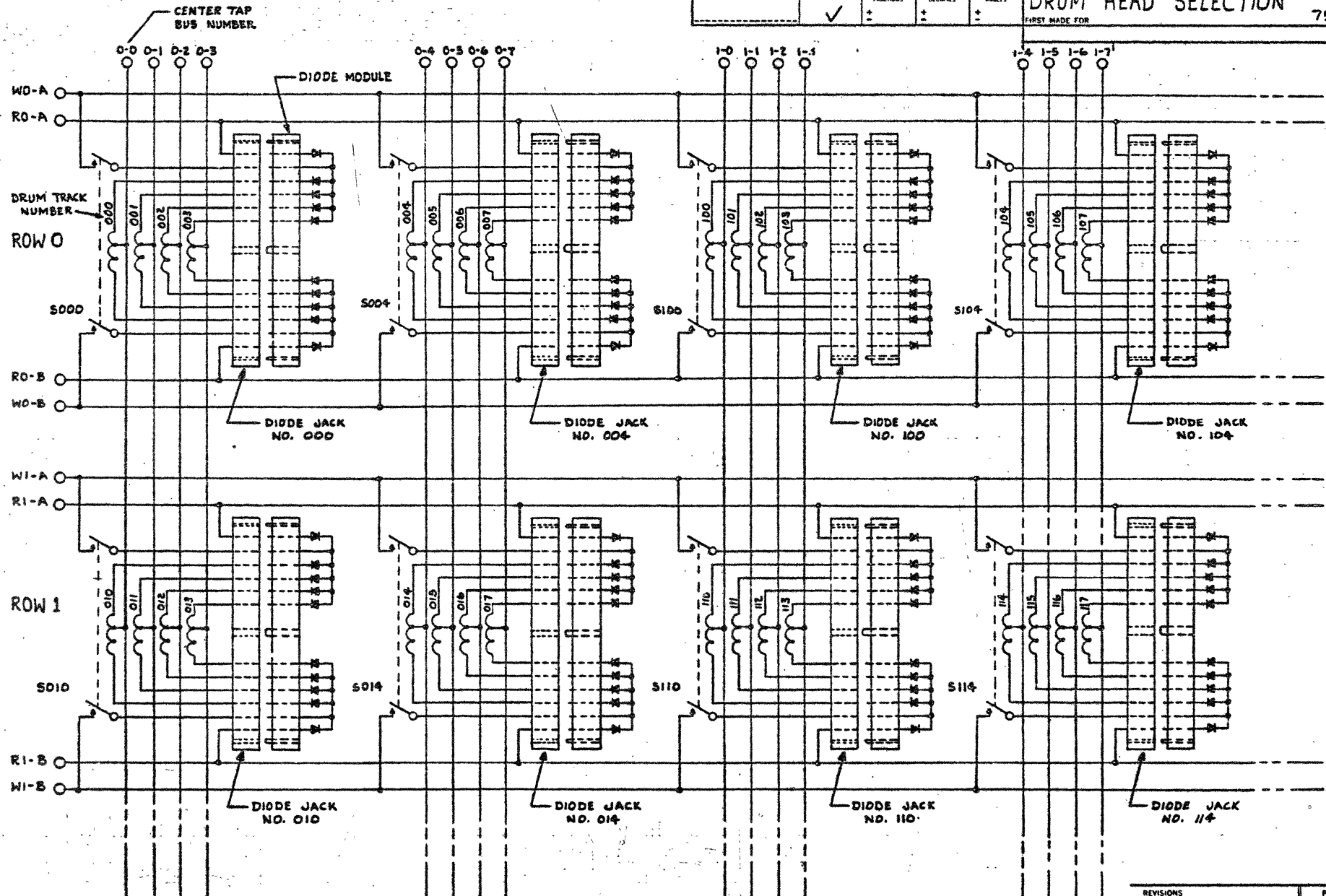
6

7500

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING —

APPLIED PRACTICES	SURFACES	TOLERANCES ON MACHINED DIMENSIONS		
		FRACTIONS	DECIMALS	ANGLES
✓		±	±	±

TITLE LOGIC,  
**DRUM HEAD SELECTION**  
 FIRST MADE FOR 7500



CONT. ON SHEET	NO.
REV. NO.	
REV. NO.	

REVISIONS	PRINTS TO
	K8-17

REDUCED SIZE  
 PRINT  
 DO NOT SCALE



UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING —

APPLIED PRACTICES	SURFACES	TOLERANCES ON DIMENSIONS		
	√	FRACTIONAL	DECIMALS	ANGLES
		±	±	±

TITLE **LOGIC, DRUM HEAD SELECTION**  
FIRST MADE FOR **7500**

COLUMN DRIVER INFO *			DRUM INFORMATION															
LOGIC NUMBER	DRUM JACK NUMBER	CENTER TAP BUSS NO.	ROW "0"		ROW "1"		ROW "2"		ROW "3"		ROW "4"		ROW "5"		ROW "6"		ROW "7"	
			DRUM TRACK	SWITCH NO. AND DIODE JACK NO.	DRUM TRACK	SWITCH NO. AND DIODE JACK NO.	DRUM TRACK	SWITCH NO. AND DIODE JACK NO.	DRUM TRACK	SWITCH NO. AND DIODE JACK NO.	DRUM TRACK	SWITCH NO. AND DIODE JACK NO.	DRUM TRACK	SWITCH NO. AND DIODE JACK NO.	DRUM TRACK	SWITCH NO. AND DIODE JACK NO.	DRUM TRACK	SWITCH NO. AND DIODE JACK NO.
GROUP 0	CD7500	J4-1	000	000	010	010	020	020	030	030	040	040	050	050	060	060	070	070
	CD7501	↓ -2	001	↓	011	↓	021	↓	031	↓	041	↓	051	↓	061	↓	071	↓
	CD7502	↓ -3	002	↓	012	↓	022	↓	032	↓	042	↓	052	↓	062	↓	072	↓
	CD7503	↓ -4	003	000	013	010	023	020	033	030	043	040	053	050	063	060	073	070
	CD7504	↓ -5	004	004	014	014	024	024	034	034	044	044	054	054	064	064	074	074
	CD7505	↓ -6	005	↓	015	↓	025	↓	035	↓	045	↓	055	↓	065	↓	075	↓
	CD7506	↓ -7	006	↓	016	↓	026	↓	036	↓	046	↓	056	↓	066	↓	076	↓
	CD7507	J4-8	007	004	017	014	027	024	037	034	047	044	057	054	067	064	077	074
GROUP 1	CD7508	J4-9	100	100	110	110	120	120	130	130	140	140	150	150	160	160	170	170
	CD7509	↓ -10	101	↓	111	↓	121	↓	131	↓	141	↓	151	↓	161	↓	171	↓
	CD7510	↓ -11	102	↓	112	↓	122	↓	132	↓	142	↓	152	↓	162	↓	172	↓
	CD7511	↓ -12	103	↓	113	110	123	120	133	130	143	140	153	150	163	160	173	170
	CD7512	↓ -13	104	104	114	114	124	124	134	134	144	144	154	154	164	164	174	174
	CD7513	↓ -14	105	↓	115	↓	125	↓	135	↓	145	↓	155	↓	165	↓	175	↓
	CD7514	↓ -15	106	↓	116	↓	126	↓	136	↓	146	↓	156	↓	166	↓	176	↓
	CD7515	J4-16	107	104	117	114	127	124	137	134	147	144	157	154	167	164	177	174
GROUP 2	CD7516	J4-17	200	200	210	210	220	220	230	230	240	240	250	250	260	260	270	270
	CD7517	↓ -18	201	↓	211	↓	221	↓	231	↓	241	↓	251	↓	261	↓	271	↓
	CD7518	↓ -19	202	↓	212	↓	222	↓	232	↓	242	↓	252	↓	262	↓	272	↓
	CD7519	J4-20	203	200	213	210	223	220	233	230	243	240	253	250	263	260	273	270
	CD7520	↓ -1	204	204	214	214	224	224	234	234	244	244	254	254	264	264	274	274
	CD7521	↓ -2	205	↓	215	↓	225	↓	235	↓	245	↓	255	↓	265	↓	275	↓
	CD7522	↓ -3	206	↓	216	↓	226	↓	236	↓	246	↓	256	↓	266	↓	276	↓
	CD7523	J5-4	207	204	217	214	227	224	237	234	247	244	257	254	267	264	277	274
GROUP 3	CD7524	J5-5	300	300	310	310	320	320	330	330	340	340	350	350	360	360	370	370
	CD7525	↓ -6	301	↓	311	↓	321	↓	331	↓	341	↓	351	↓	361	↓	371	↓
	CD7526	↓ -7	302	↓	312	↓	322	↓	332	↓	342	↓	352	↓	362	↓	372	↓
	CD7527	↓ -8	303	300	313	310	323	320	333	330	343	340	353	350	363	360	373	370
	CD7528	↓ -9	304	304	314	314	324	324	334	334	344	344	354	354	364	364	374	374
	CD7529	↓ -10	305	↓	315	↓	325	↓	335	↓	345	↓	355	↓	365	↓	375	↓
	CD7530	↓ -11	306	↓	316	↓	326	↓	336	↓	346	↓	356	↓	366	↓	376	↓
	CD7531	J5-12	307	304	317	314	327	324	337	334	347	344	357	354	367	364	377	374
GROUP 4	CD7532	J5-13	400	400	410	410	420	420	430	430	440	440	450	450	460	460	470	470
	CD7533	↓ -14	401	↓	411	↓	421	↓	431	↓	441	↓	451	↓	461	↓	471	↓
	CD7534	↓ -15	402	↓	412	↓	422	↓	432	↓	442	↓	452	↓	462	↓	472	↓
	CD7535	↓ -16	403	400	413	410	423	420	433	430	443	440	453	450	463	460	473	470
	CD7536	↓ -17	404	404	414	414	424	424	434	434	444	444	454	454	464	464	474	474
	CD7537	↓ -18	405	↓	415	↓	425	↓	435	↓	445	↓	455	↓	465	↓	475	↓
	CD7538	↓ -19	406	↓	416	↓	426	↓	436	↓	446	↓	456	↓	466	↓	476	↓
	CD7539	J5-20	407	404	417	414	427	424	437	434	447	444	457	454	467	464	477	474
GROUP 5	CD7540	J6-1	500	500	510	510	520	520	530	530	540	540	550	550	560	560	570	570
	CD7541	↓ -2	501	↓	511	↓	521	↓	531	↓	541	↓	551	↓	561	↓	571	↓
	CD7542	↓ -3	502	↓	512	↓	522	↓	532	↓	542	↓	552	↓	562	↓	572	↓
	CD7543	↓ -4	503	500	513	510	523	520	533	530	543	540	553	550	563	560	573	570
	CD7544	↓ -5	504	504	514	514	524	524	534	534	544	544	554	554	564	564	574	574
	CD7545	↓ -6	505	↓	515	↓	525	↓	535	↓	545	↓	555	↓	565	↓	575	↓
	CD7546	↓ -7	506	↓	516	↓	526	↓	536	↓	546	↓	556	↓	566	↓	576	↓
	CD7547	J6-8	507	504	517	514	527	524	537	534	547	544	557	554	567	564	577	574
GROUP 6	CD7548	J6-9	600	600	610	610	620	620	630	630	640	640	650	650	660	660	670	670
	CD7549	↓ -10	601	↓	611	↓	621	↓	631	↓	641	↓	651	↓	661	↓	671	↓
	CD7550	↓ -11	602	↓	612	↓	622	↓	632	↓	642	↓	652	↓	662	↓	672	↓
	CD7551	↓ -12	603	600	613	610	623	620	633	630	643	640	653	650	663	660	673	670
	CD7552	↓ -13	604	604	614	614	624	624	634	634	644	644	654	654	664	664	674	674
	CD7553	↓ -14	605	↓	615	↓	625	↓	635	↓	645	↓	655	↓	665	↓	675	↓
	CD7554	↓ -15	606	↓	616	↓	626	↓	636	↓	646	↓	656	↓	666	↓	676	↓
	CD7555	J6-16	607	604	617	614	627	624	637	634	647	644	657	654	667	664	677	674

GROUP 0  
1  
2  
3  
4  
5  
6  
GROUP

ROWS 0-3	ROWS 4-7
8K	16K
24K	32K
40K	48K
56K	64K
72K	80K
88K	96K
104K	112K

**REDUCED SIZE  
PRINT  
DO NOT SCALE**

REVISIONS	PRINTS TO
Y	X8-17

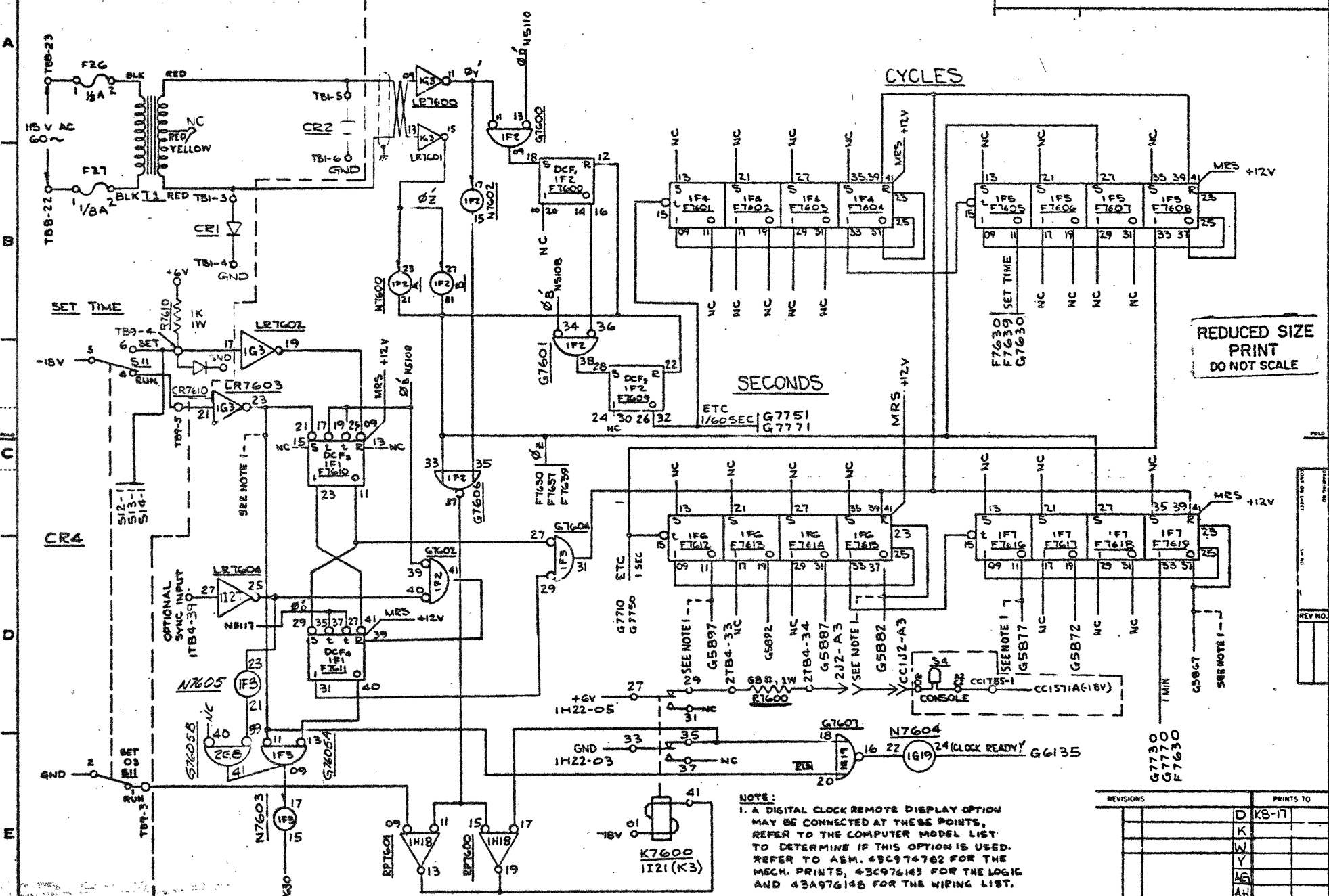
# LOGIC, DIGITAL CLOCK

7600

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING —

APPLIED PRACTICES	SURFACES	TOLERANCES ON MACHINE DIMENSIONS		
		FRACTIONS	DECIMALS	ANGLES
✓		+	+	+

FIRST MADE FOR



REDUCED SIZE  
PRINT  
DO NOT SCALE

NOTE:  
1. A DIGITAL CLOCK REMOTE DISPLAY OPTION MAY BE CONNECTED AT THESE POINTS, REFER TO THE COMPUTER MODEL LIST TO DETERMINE IF THIS OPTION IS USED. REFER TO ASM. 43C974762 FOR THE MECH. PRINTS, 43C976143 FOR THE LOGIC AND 43A976148 FOR THE WIRING LIST.

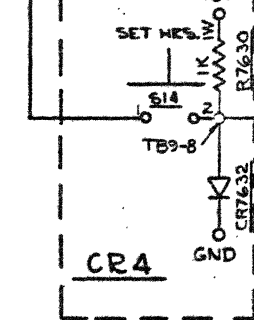
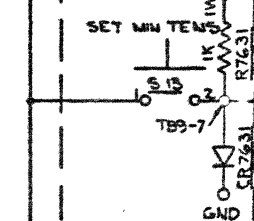
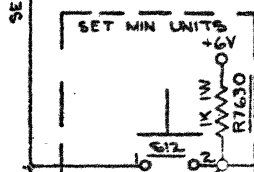
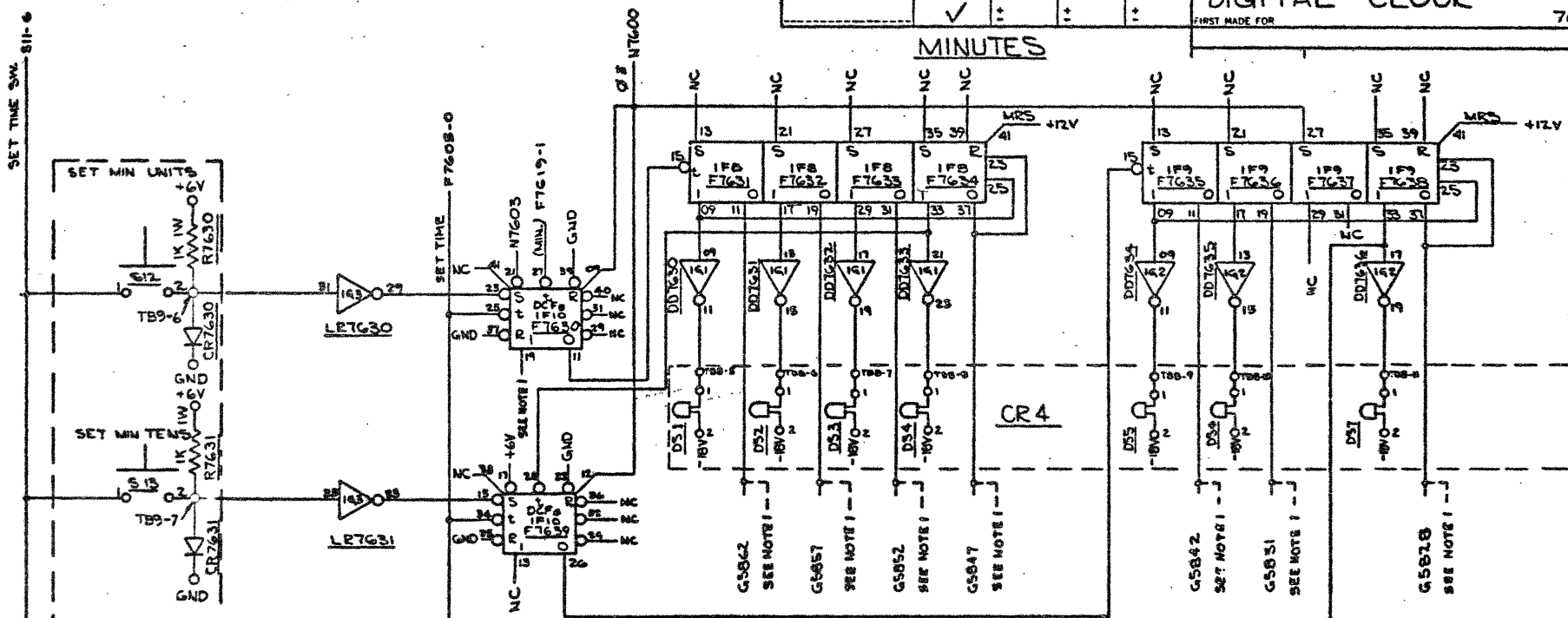
REVISIONS	PRINTS TO
	D KB-17
	K
	W
	Y
	AG
	AH

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING --  
APPLIED PRACTICES SURFACES TOLERANCES ON MACHINED DIMENSIONS  
FRACTIONS DECIMALS ANGLES  
✓

TITLE LOGIC,  
DIGITAL CLOCK  
FIRST MADE FOR

7600

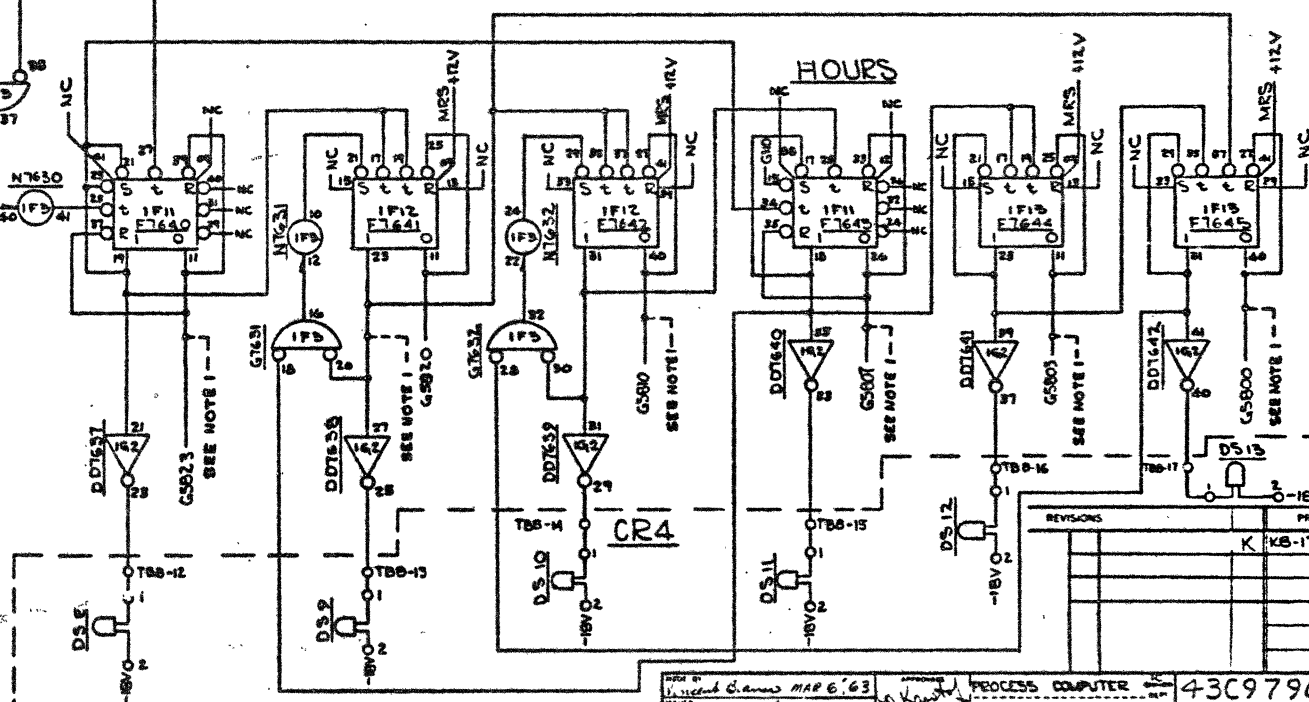
MINUTES



REDUCED SIZE  
PRINT  
DO NOT SCALE

NOTE:  
1. A DIGITAL CLOCK REMOTE DISPLAY OPTION  
MAY BE CONNECTED AT THESE POINTS,  
REFER TO THE COMPUTER MODEL LIST TO  
DETERMINE IF THIS OPTION IS USED.  
REFER TO ASM. 43C974782 FOR THE MECH.  
PRINTS, 43C976143 FOR THE LOGIC AND  
43A976148 FOR THE WIRING LIST.

HOURS



DATE: 3/29/63  
DRAWN BY: [Signature]

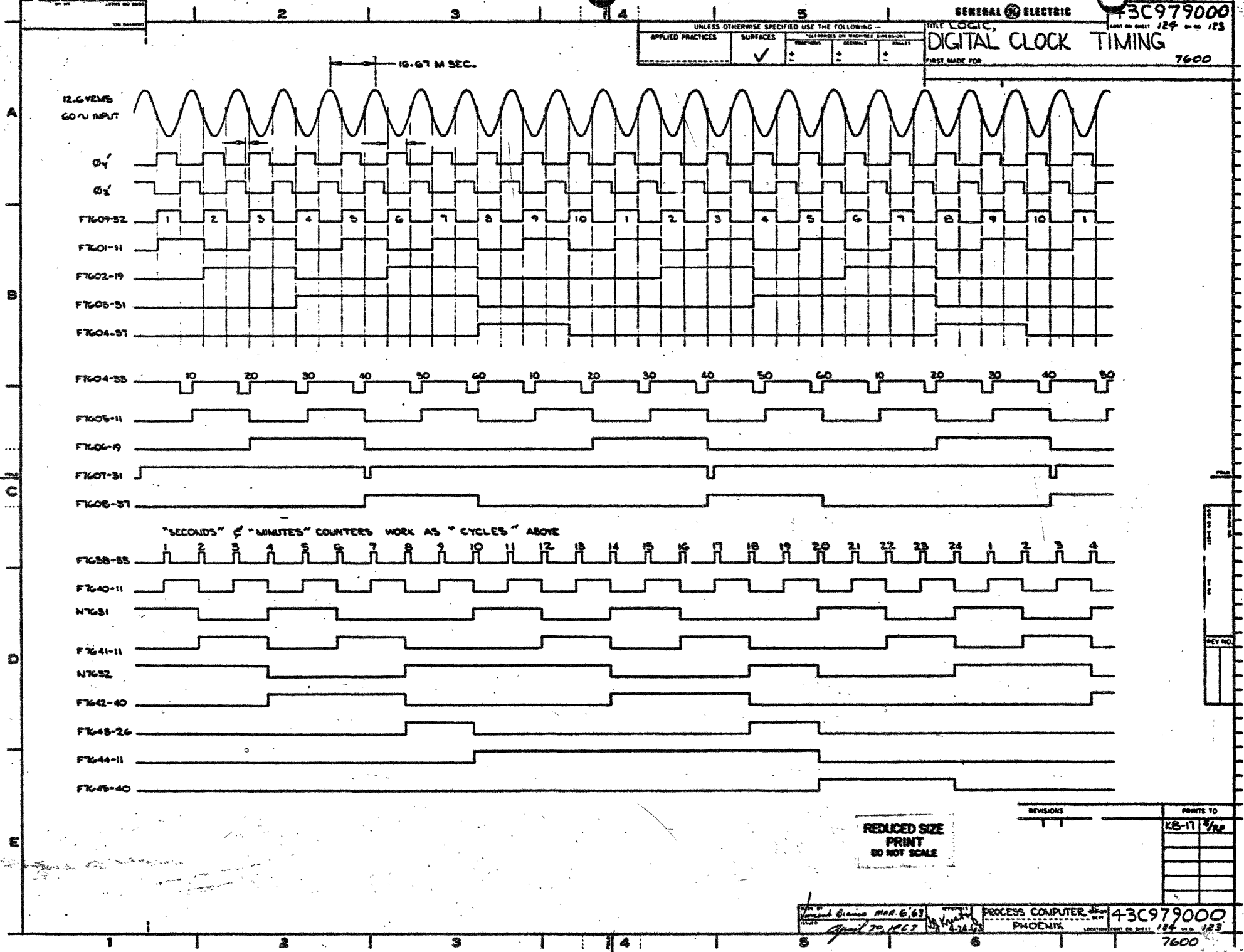
PROCESS COMPUTER  
PHOENIX

43C979000  
123 ON NO 122

7600

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING --			
APPLIED PRACTICES	SURFACES	DIMENSIONS OR TOLERANCES (UNLESS OTHERWISE SPECIFIED)	
	✓	FRACTIONS	DECIMALS
		:	:
		:	:

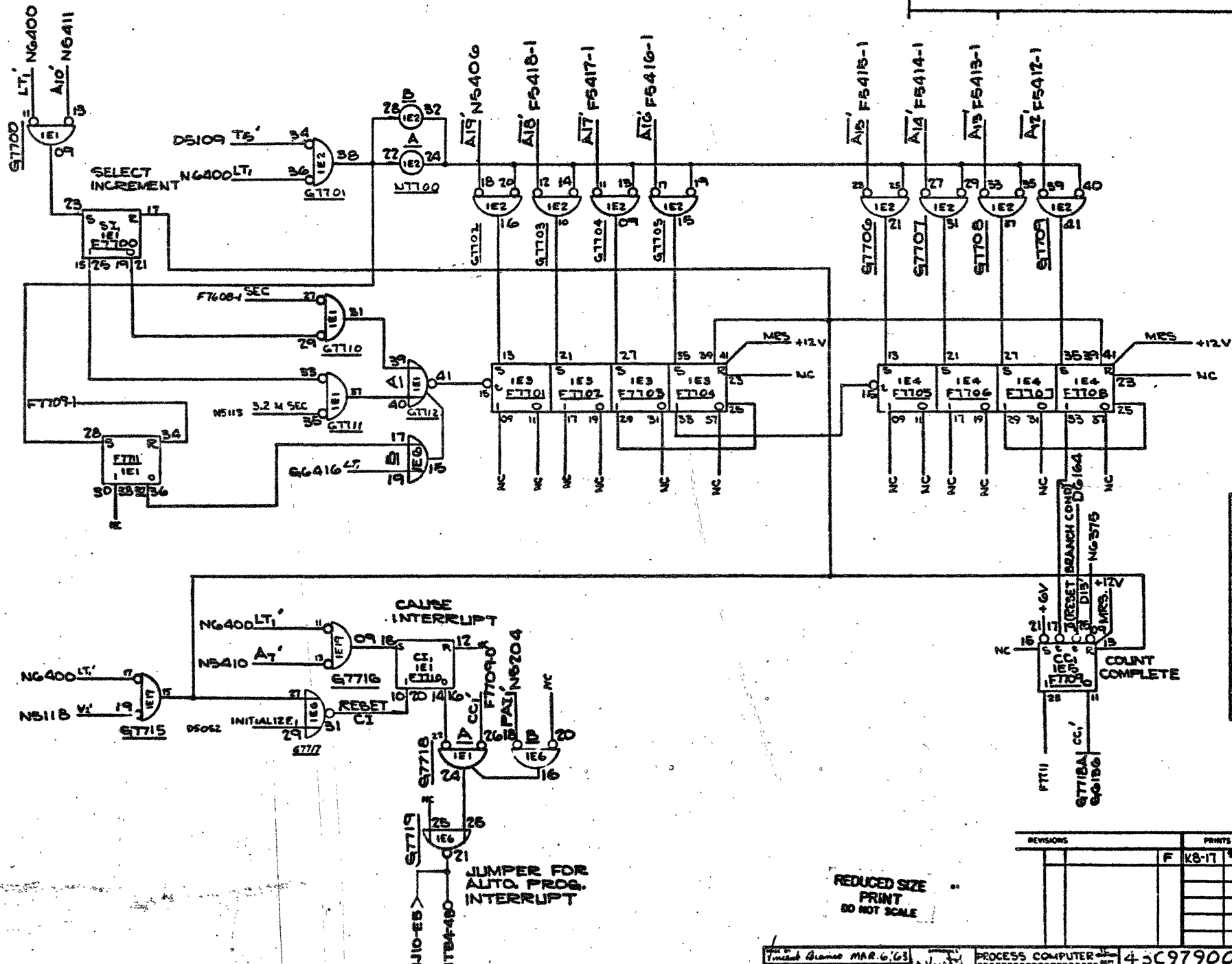
TITLE LOGIC,  
DIGITAL CLOCK TIMING  
FIRST MADE FOR 7600



UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING:

APPLIED PRACTICES	SURFACES	TOLERANCES ON MACHINED DIMENSIONS		
✓	✓	FRACTIONS	DECIMALS	ANGLES
		± .005	± .001	± .01

TITLE LOGIC  
**ELAPSED TIME COUNTER 1**  
 FIRST MADE FOR 7700



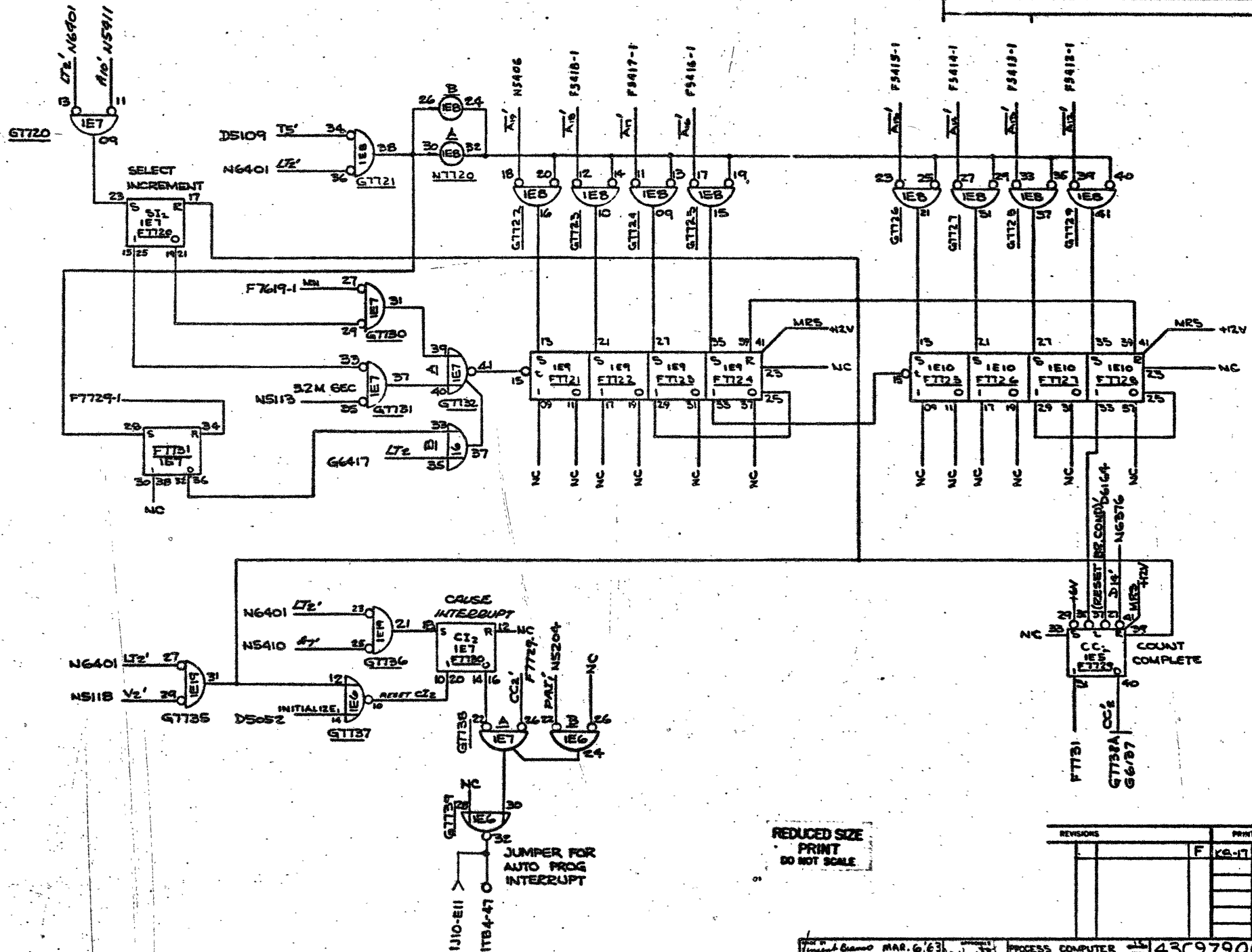
REDUCED SIZE  
 PRINT  
 DO NOT SCALE

REVISIONS	PRINTS TO
	F K8-17 5/82

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING—

APPLIED PRACTICES	SURFACES	TOLERANCES ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
✓	+	+

TITLE LOGIC  
 ELAPSED TIME COUNTER 2  
 FIRST MADE FOR 7700

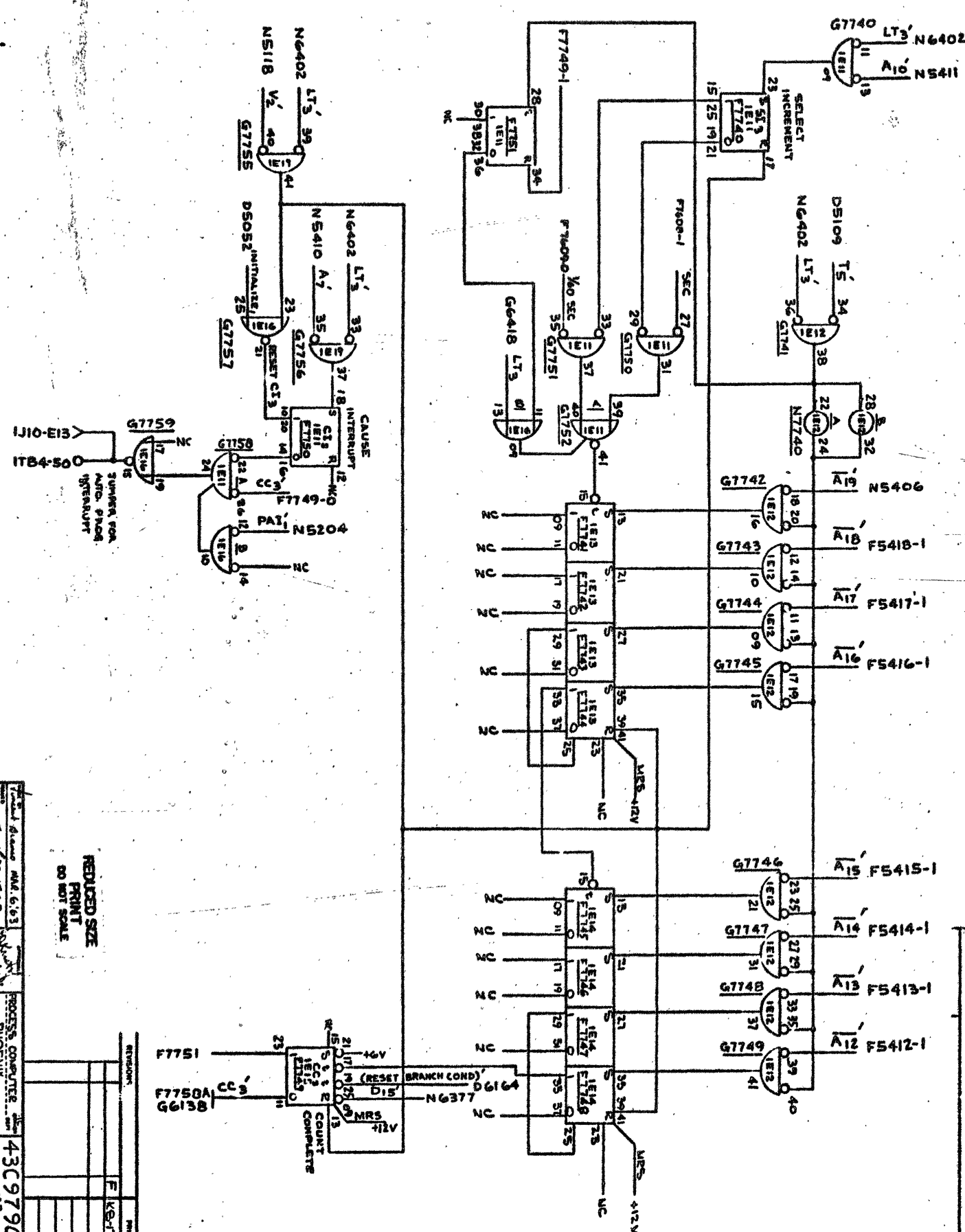


REDUCED SIZE  
 PRINT  
 DO NOT SCALE

REVISIONS	PRINTS TO
	F 12-17 1/2

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING:  
 APPLIED PRACTICES SURFACES

DATE LOGIC  
 ELAPSED TIME COUNTER 3  
 FIRST MADE FOR



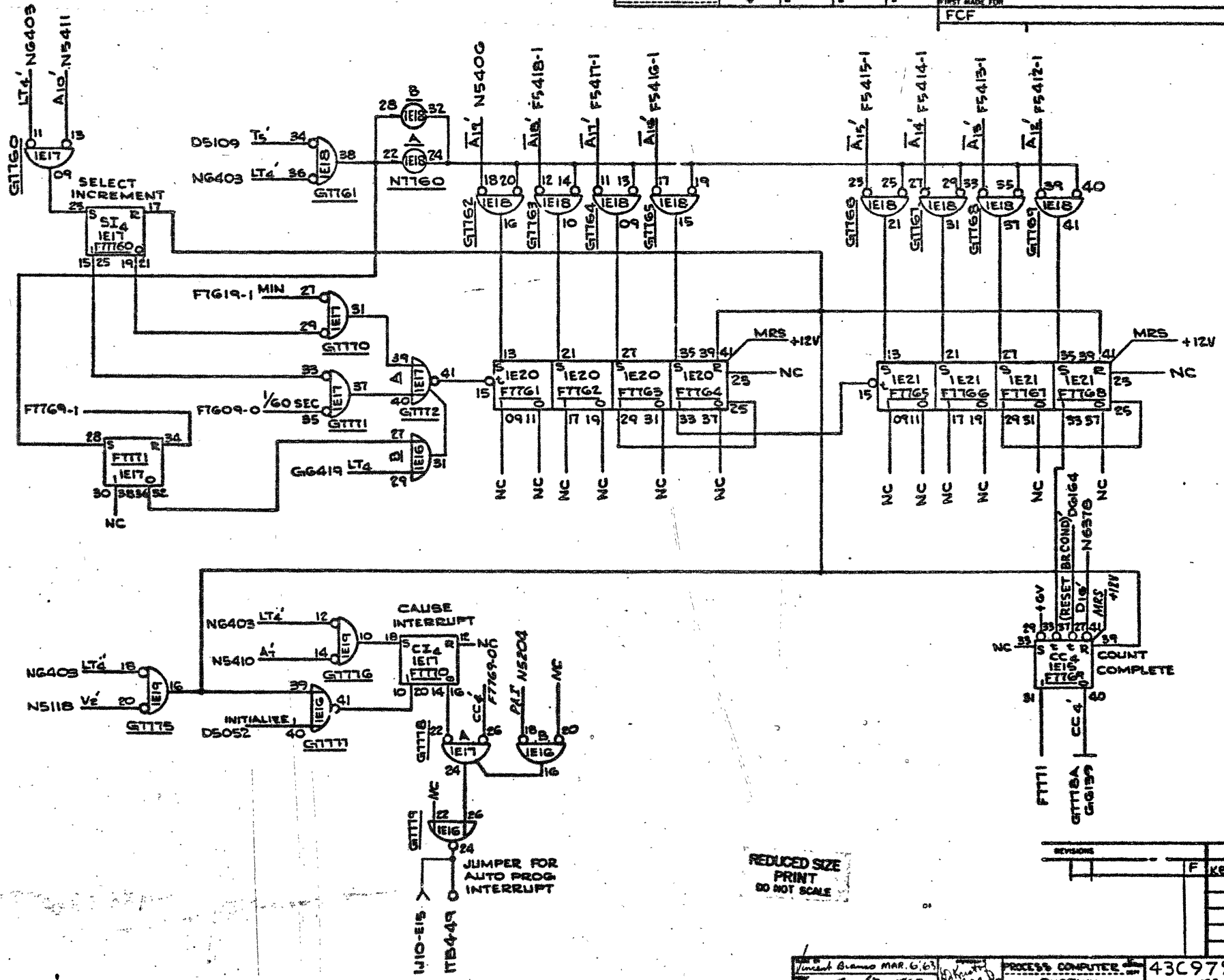
1 2 3 4 5

REduced SIZE PRINT DO NOT SCALE  
 43C979000  
 PROCESS, COMPUTER PHOENIX

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING --

APPLIED PRACTICES	SURFACES	TOLERANCES ON MACHINED DIMENSIONS	FRANCHISES	RE CHARGES	FINISHES
✓		+	+	+	+

TITLE LOGIC  
ELAPSED TIME COUNTER 4  
FIRST MADE FOR  
FCF



REDUCED SIZE  
PRINT  
DO NOT SCALE

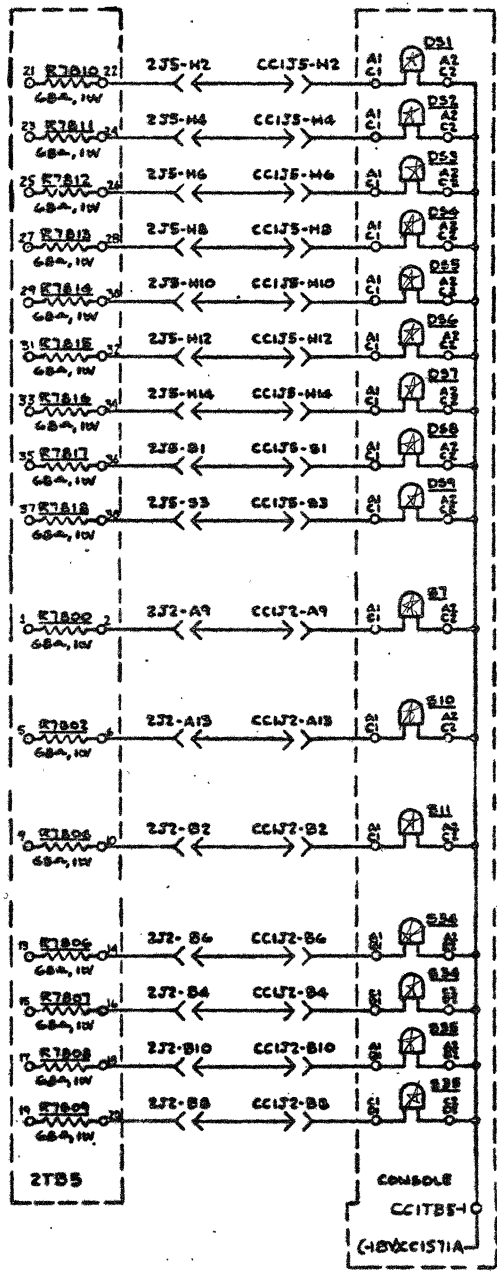
REVISIONS	PRINTS TO
	F KE-n / Re



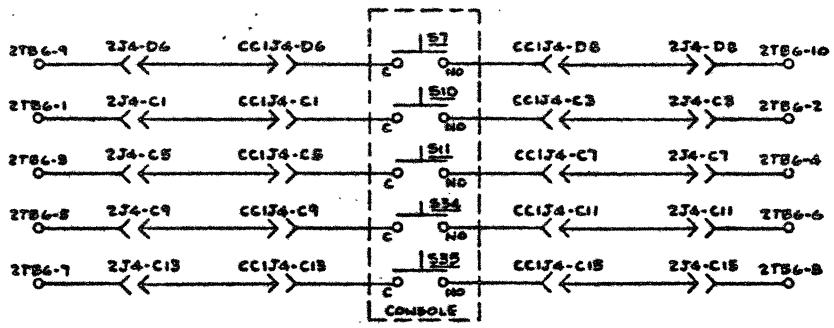
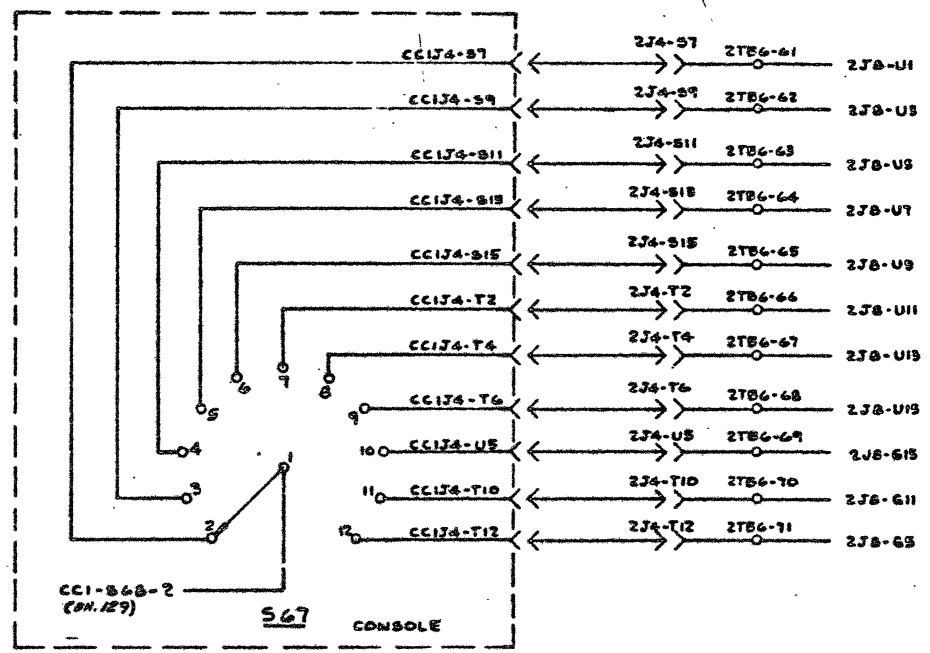
UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING -			
APPLIED PRACTICES	SURFACES	TOLERANCES ON DIMENSIONS	
	✓	FRACTIONS	DECIMALS
		:	:
		:	:

TITLE	LOGIC
CONSOLE SPARE ITEMS	
FIRST MADE FOR	7800

SPARE INDICATORS



AUXILIARY CONSOLE SWITCH



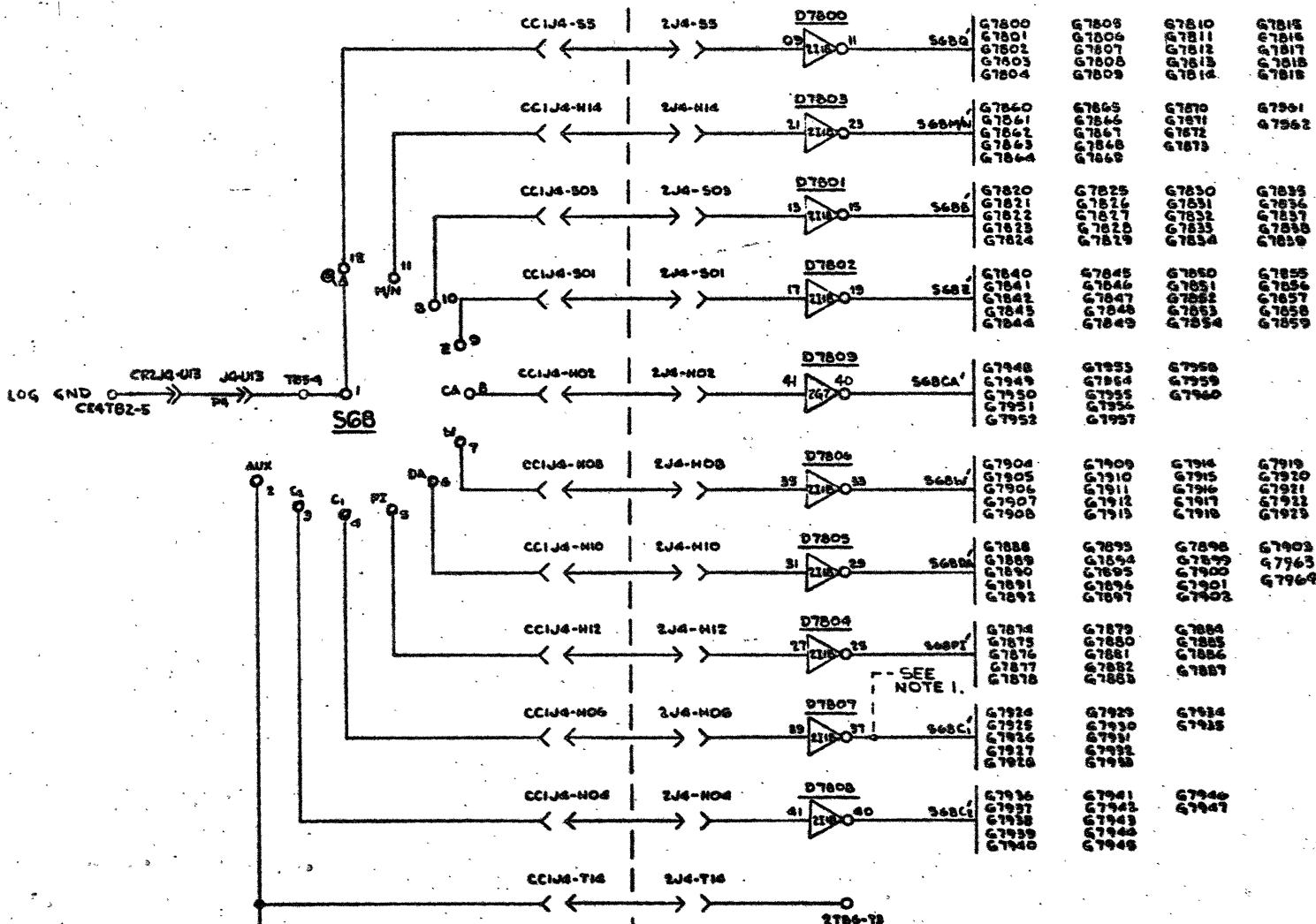
SPARE CONSOLE SWITCHES

REDUCED SIZE  
PRINT  
DO NOT SCALE

REVISIONS	PRINTS TO
	C 12-17
	T

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING --			
APPLIED PRACTICES	SURFACES	TOLERANCES ON DIMENSIONS	FINISHES
✓	✓	±	±

TITLE LOGIC,  
 CONSOLE MAINTENANCE DISPLAY  
 FIRST MADE FOR 7800-7900



G7800 G7801 G7802 G7803 G7804	G7808 G7809 G7810 G7811 G7812 G7813 G7814	G7815 G7816 G7817 G7818 G7819
G7860 G7861 G7862 G7863 G7864	G7865 G7866 G7867 G7868 G7869	G7870 G7871 G7872 G7873
G7820 G7821 G7822 G7823 G7824	G7825 G7826 G7827 G7828 G7829	G7830 G7831 G7832 G7833 G7834
G7840 G7841 G7842 G7843 G7844	G7845 G7846 G7847 G7848 G7849	G7850 G7851 G7852 G7853 G7854
G7948 G7949 G7950 G7951 G7952	G7953 G7954 G7955 G7956 G7957	G7958 G7959 G7960
G7904 G7905 G7906 G7907 G7908	G7909 G7910 G7911 G7912 G7913	G7914 G7915 G7916 G7917 G7918
G7888 G7889 G7890 G7891 G7892	G7893 G7894 G7895 G7896 G7897	G7898 G7899 G7900 G7901 G7902
G7874 G7875 G7876 G7877 G7878	G7879 G7880 G7881 G7882 G7883	G7884 G7885 G7886 G7887
G7924 G7925 G7926 G7927 G7928	G7929 G7930 G7931 G7932 G7933	G7934 G7935
G7936 G7937 G7938 G7939 G7940	G7941 G7942 G7943 G7944 G7945	G7946 G7947

NOTES:  
 1. A 16 BIT SCANNER OPTION MAY BE CONNECTED AT THIS POINT WHICH CONSISTS OF 8 LOADS. REFER TO THE COMPUTER MODEL LIST TO DETERMINE IF THIS OPTION IS USED. REFER TO 43X951774 FOR THE INDEX, 43C951775 FOR THE LOGIC, 43A951776 FOR THE WIRE LIST.

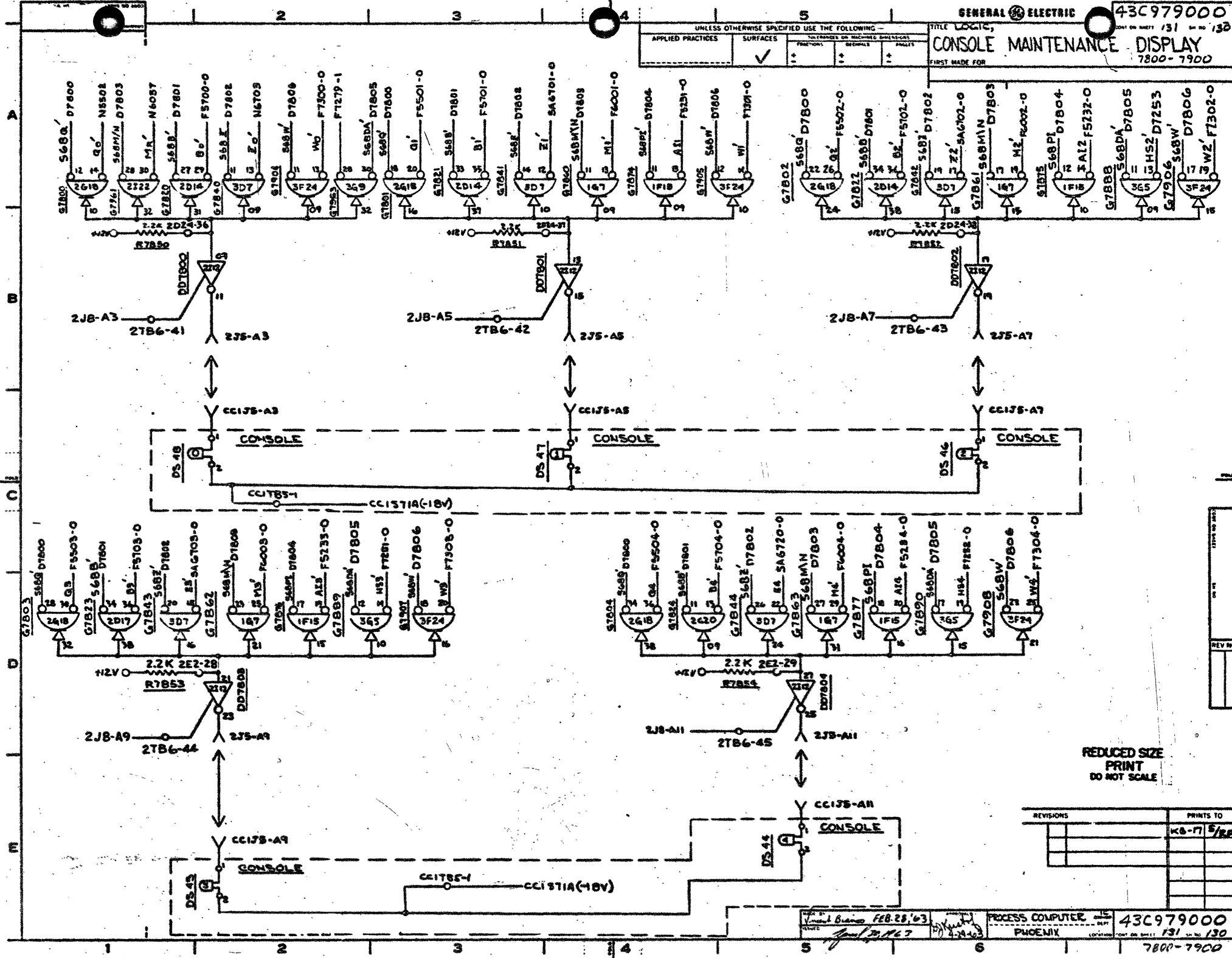
REDUCED SIZE  
 PRINT  
 DO NOT SCALE

CONSOLE

REVISIONS	PRINTS TO
	C 18-17
	M

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING		
APPLIED PRACTICES	SURFACES	TOLERANCES ON UNDIMENSIONED SURFACES
	✓	FRACTIONAL DECIMALS
		+

TITLE LOGIC,  
**CONSOLE MAINTENANCE DISPLAY**  
 FIRST MADE FOR 7800-7900



REDUCED SIZE  
 PRINT  
 DO NOT SCALE

REVISIONS	PRINTS TO
	K6-17 5/PP

Final Review FEB 28, 63  
 [Signature]

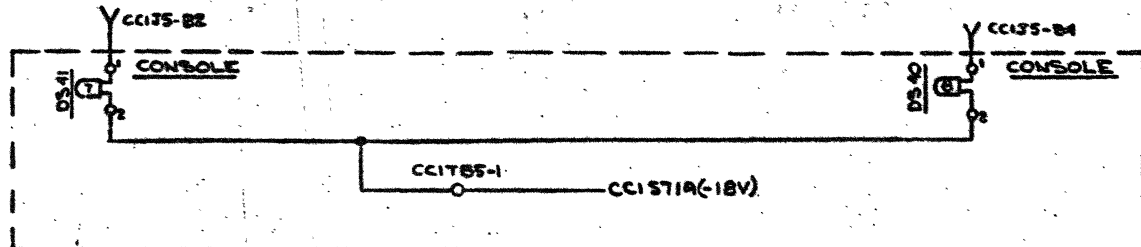
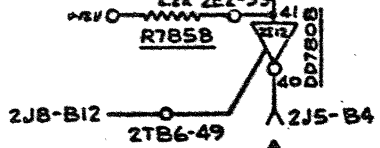
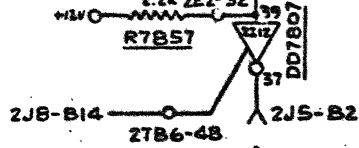
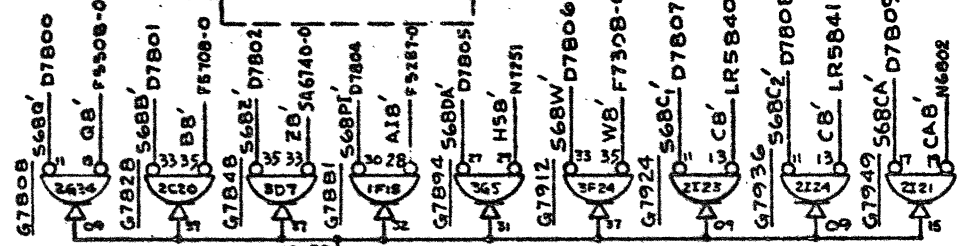
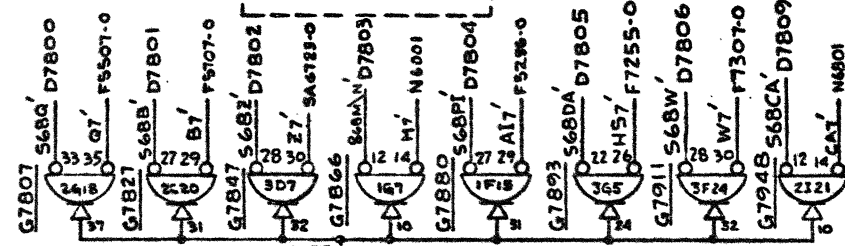
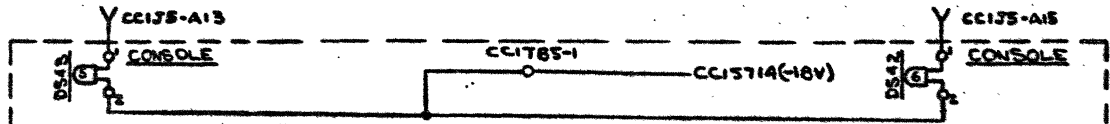
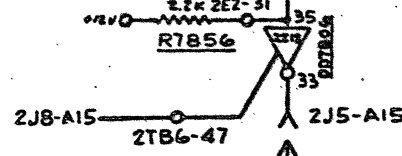
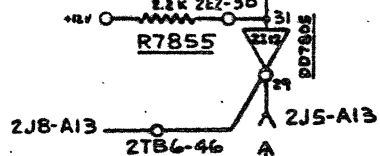
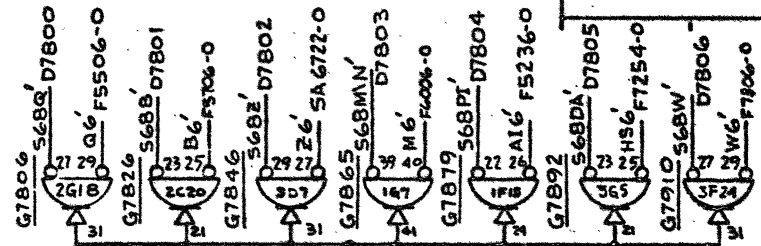
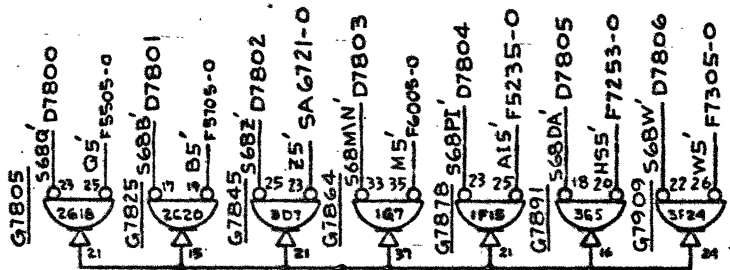
# LOGIC, CONSOLE MAINTENANCE DISPLAY

7800-7900

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING -

APPLIED PRACTICES	SURFACES	TOLERANCES ON MACHINED DIMENSIONS
	✓	FRACTIONS DECIMALS ANGLES
		± ± ±

FIRST MADE FOR

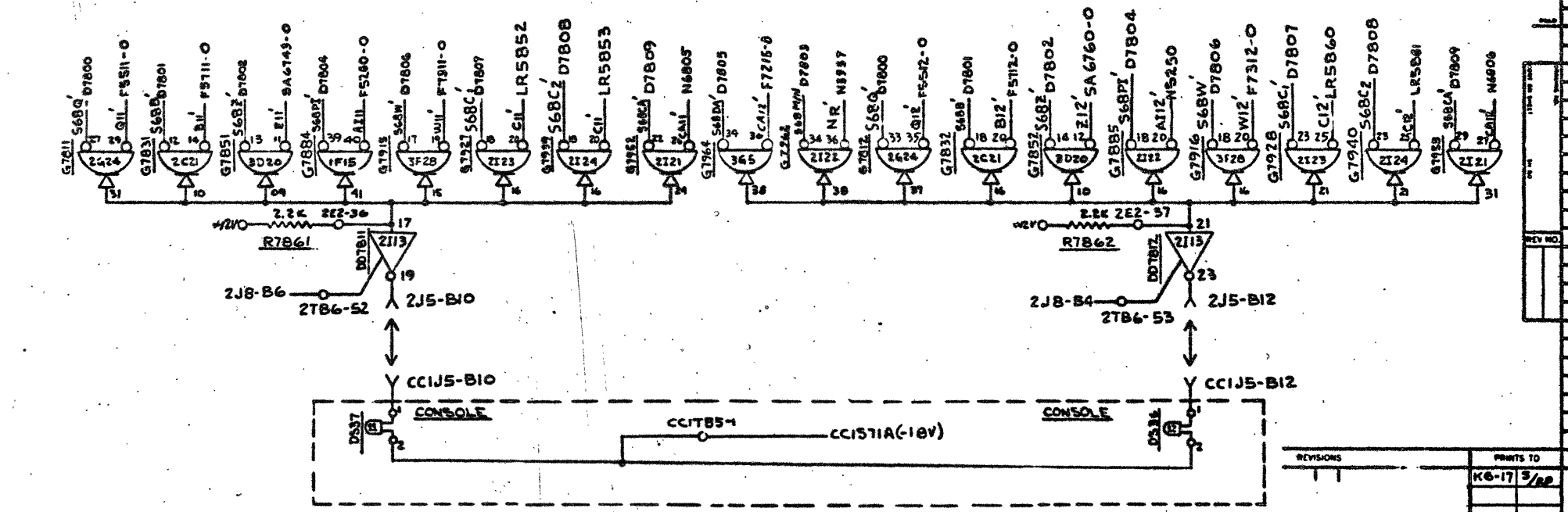
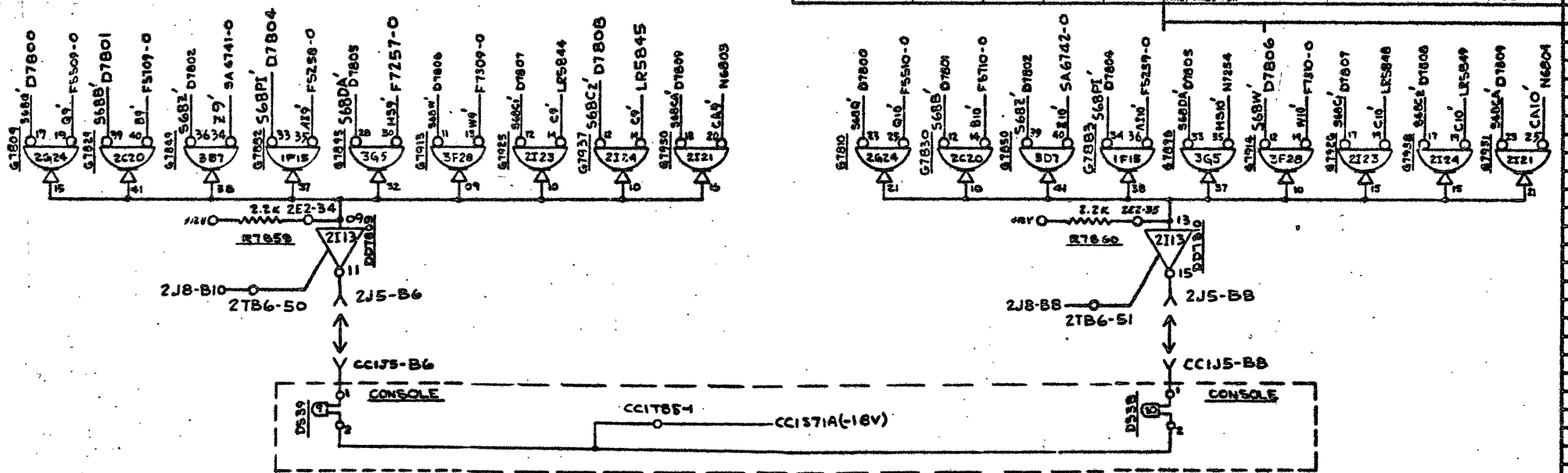


REDUCED SIZE  
PRINT  
DO NOT SCALE

REVISIONS	PRINTS TO
	KB-715/2

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING -		
APPLIED PRACTICES	SURFACES	TOLERANCES UNLESS OTHERWISE SPECIFIED
✓		FRACTIONS DECIMALS PERCENTS

TITLE LOGIC  
**CONSOLE MAINTENANCE DISPLAY**  
 FIRST MADE FOR 7800 - 7900



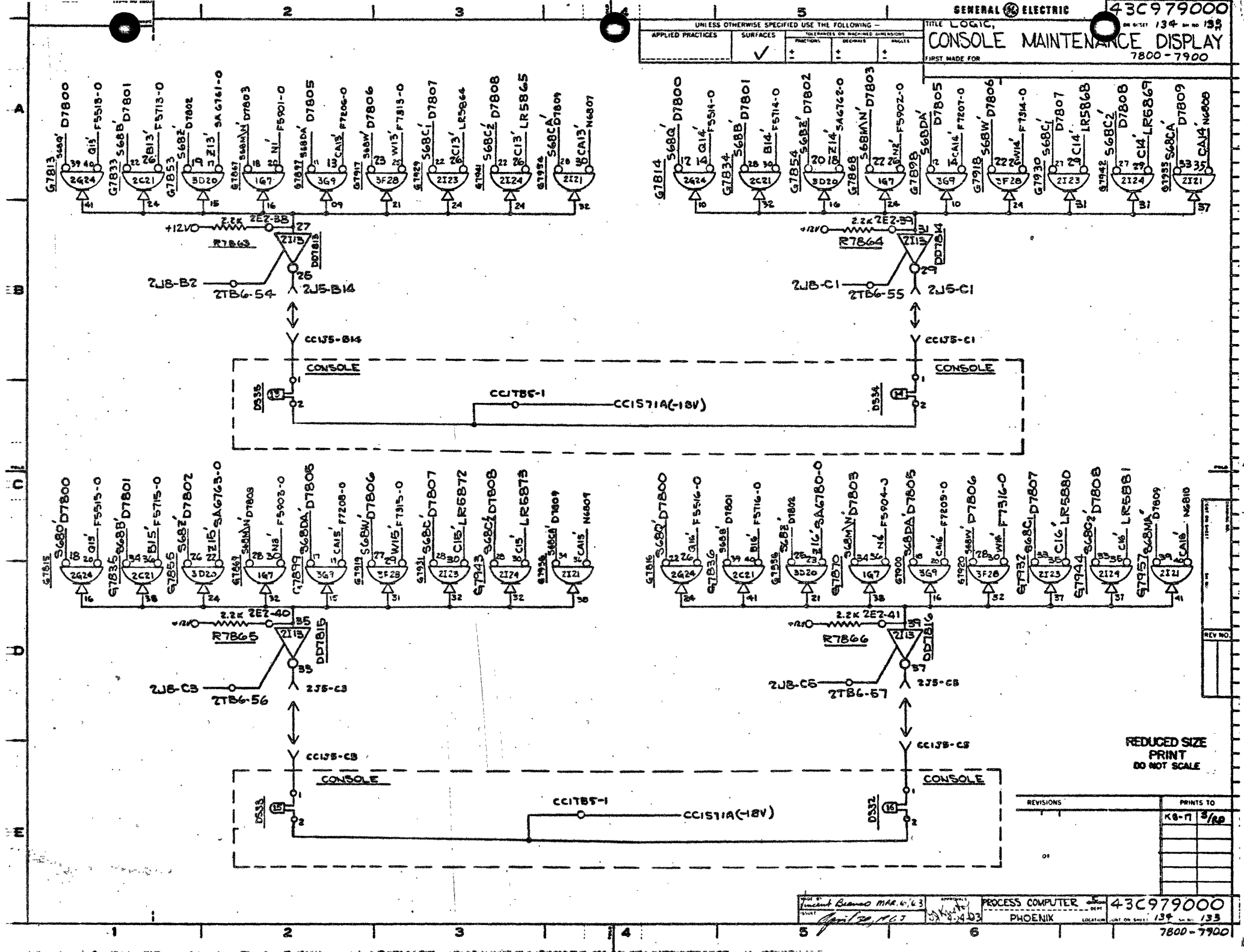
REDUCED SIZE  
 PRINT  
 DO NOT SCALE

MADE BY Vincent Bianco MAR 6 65 FROM 133 132	PROCESS COMPUTER PHOENIX	43C979000 133 - 132 7800 - 7900
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REVISIONS	PRINTS TO
	K6-17 3/80

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING -

APPLIED PRACTICES	SURFACES	FOR CHANNELS OR MACHINED DIMENSIONS	
✓		FUNCTIONS	ANGLES
		+	+
		-	-

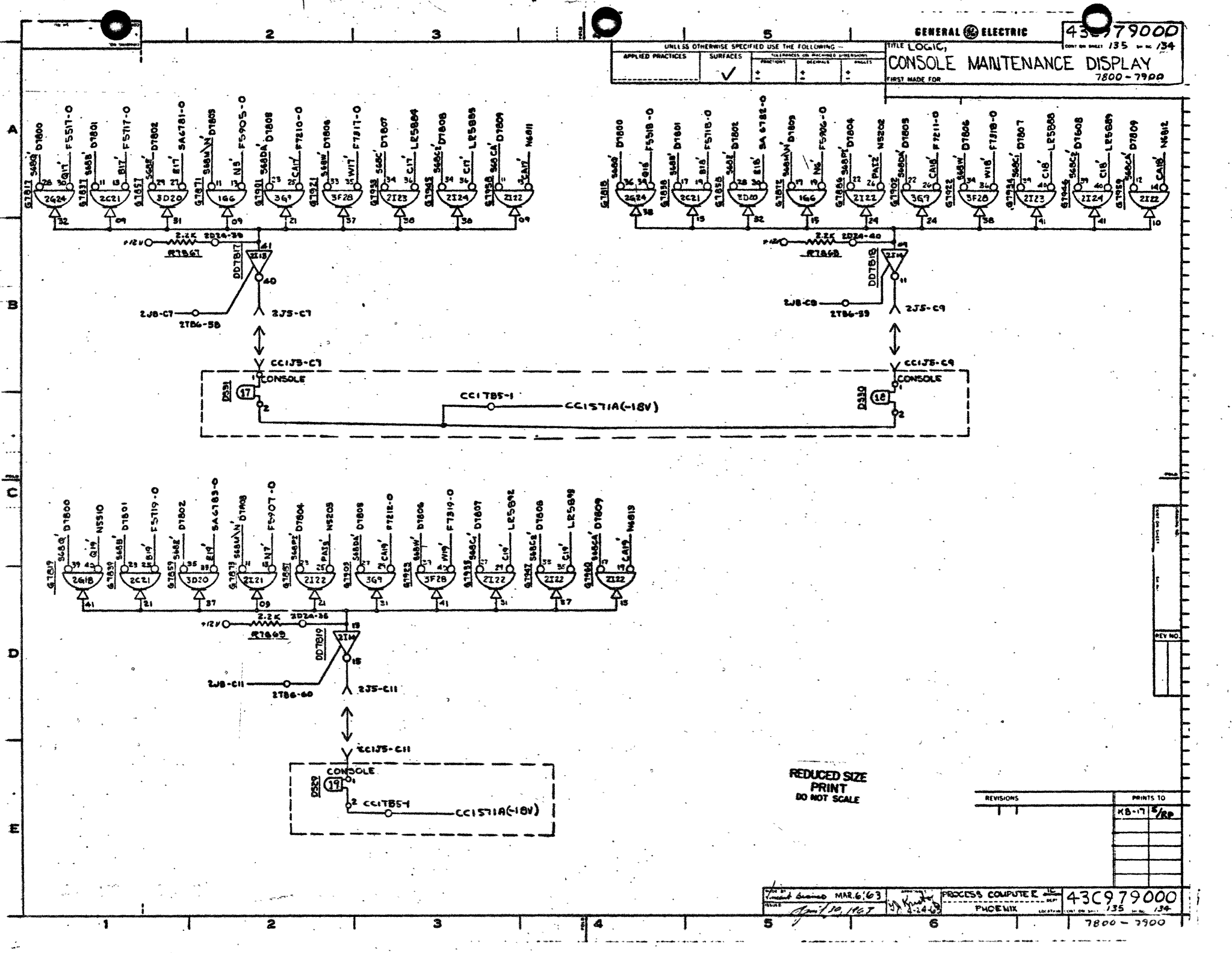


REDUCED SIZE PRINT  
 DO NOT SCALE

REVISIONS	PRINTS TO
	K8-11 3/60

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING --		
APPLIED PRACTICES	SURFACES	FINISHES OR MACHINED DIMENSIONS
	✓	

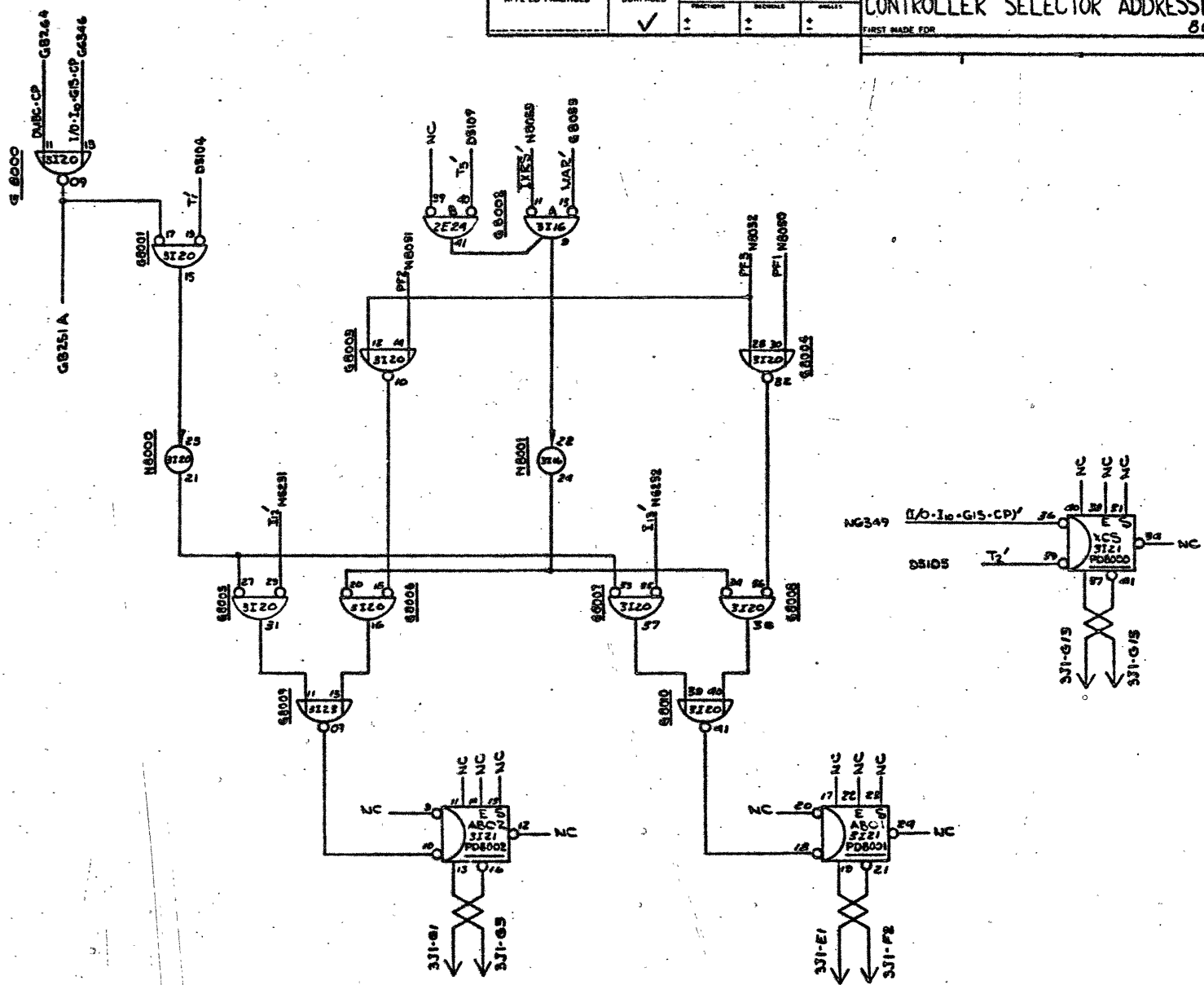
TITLE LOGIC,  
**CONSOLE MAINTENANCE DISPLAY**  
 FIRST MADE FOR 7800-7900



REDUCED SIZE  
 PRINT  
 DO NOT SCALE

REVISIONS	PRINTS TO
	KB-175/RP

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING -			
APPLIED PRACTICES	SURFACES	TERMINALS ON MACHINED SURFACES	FUNCTIONS
✓			



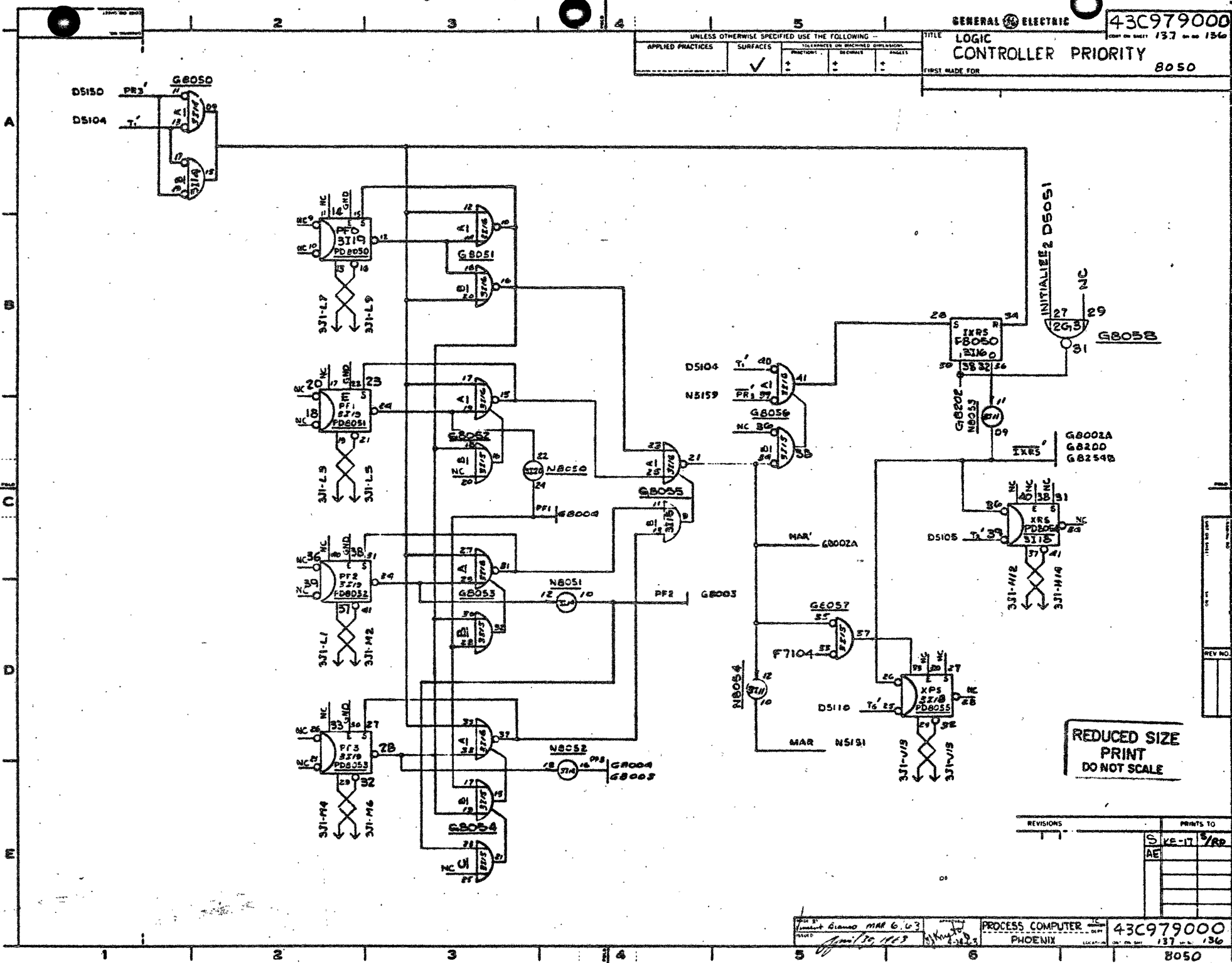
REDUCED SIZE  
 PRINT  
 DO NOT SCALE

REVISIONS	PRINTS TO
	KB-47 5/8p



UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING --

APPLIED PRACTICES	SURFACES	TECHNIQUES OR METHODS OF APPLICATION
	✓	PRECISION: ± FINISH: ± ANGLES: ±



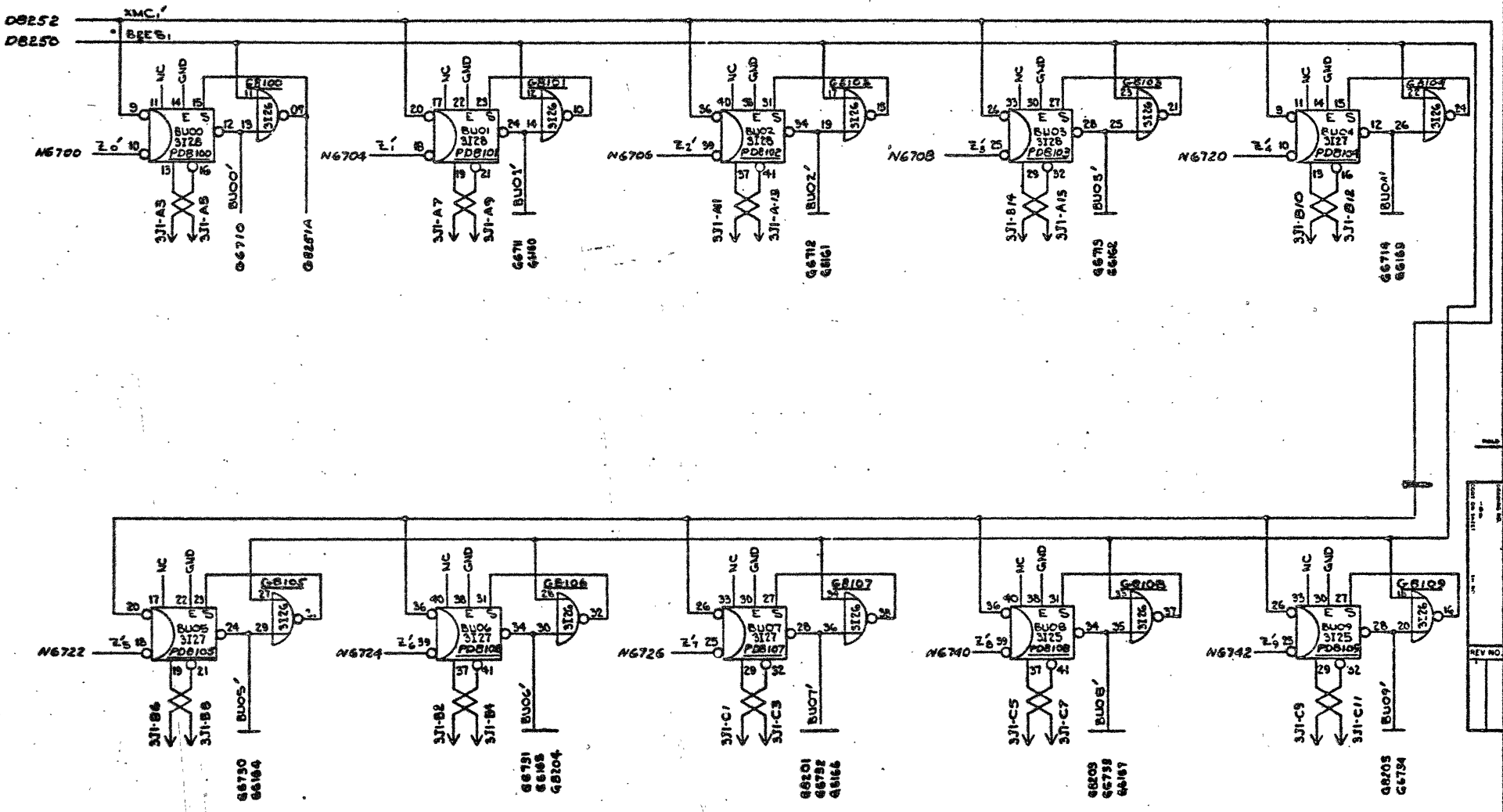
REDUCED SIZE  
 PRINT  
 DO NOT SCALE

REVISIONS	PRINTS TO
1	S KE-17 / RP
2	AE
3	
4	
5	
6	

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING -

APPLIED PRACTICES	SURFACES	TOLERANCES ON DIMENSIONS		
	✓	FRACTIONS	DECIMALS	ANGLES
		±	±	±

TITLE LOGIC,  
**CONTROLLER MAIN BUS REGISTER**  
 FIRST MADE FOR  
 8100



REDUCED SIZE  
 PRINT  
 DO NOT SCALE

REVISIONS	PRINTS TO
	D 48-17

GENERAL ELECTRIC

43C97900

REV. 139

CONTROLLER MAIN BUS REGISTER

8100

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING -

APPLIED PRACTICES	SURFACES	TOLERANCES UNLESS OTHERWISE SPECIFIED	FINISHES UNLESS OTHERWISE SPECIFIED
✓			

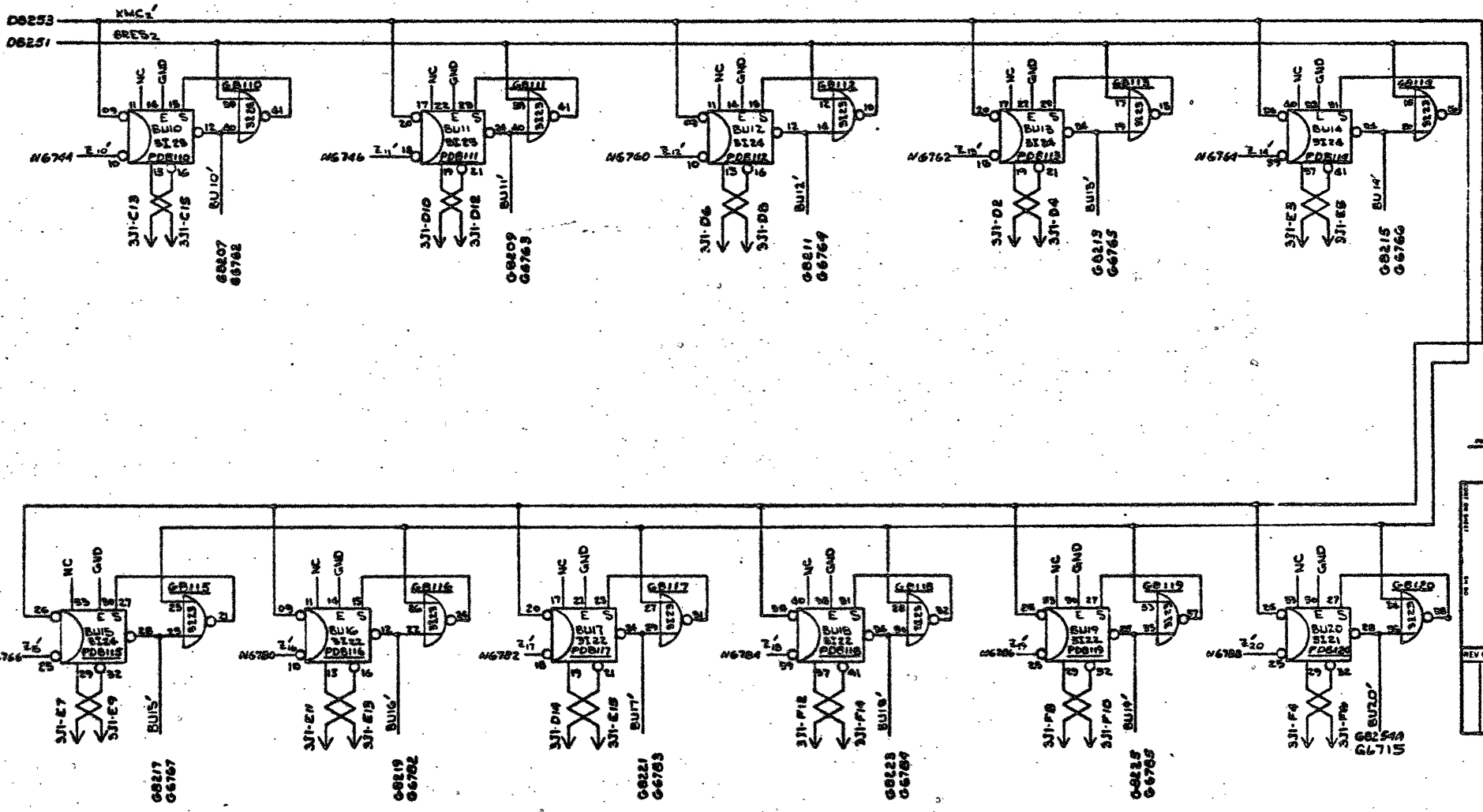
FIRST MADE FOR

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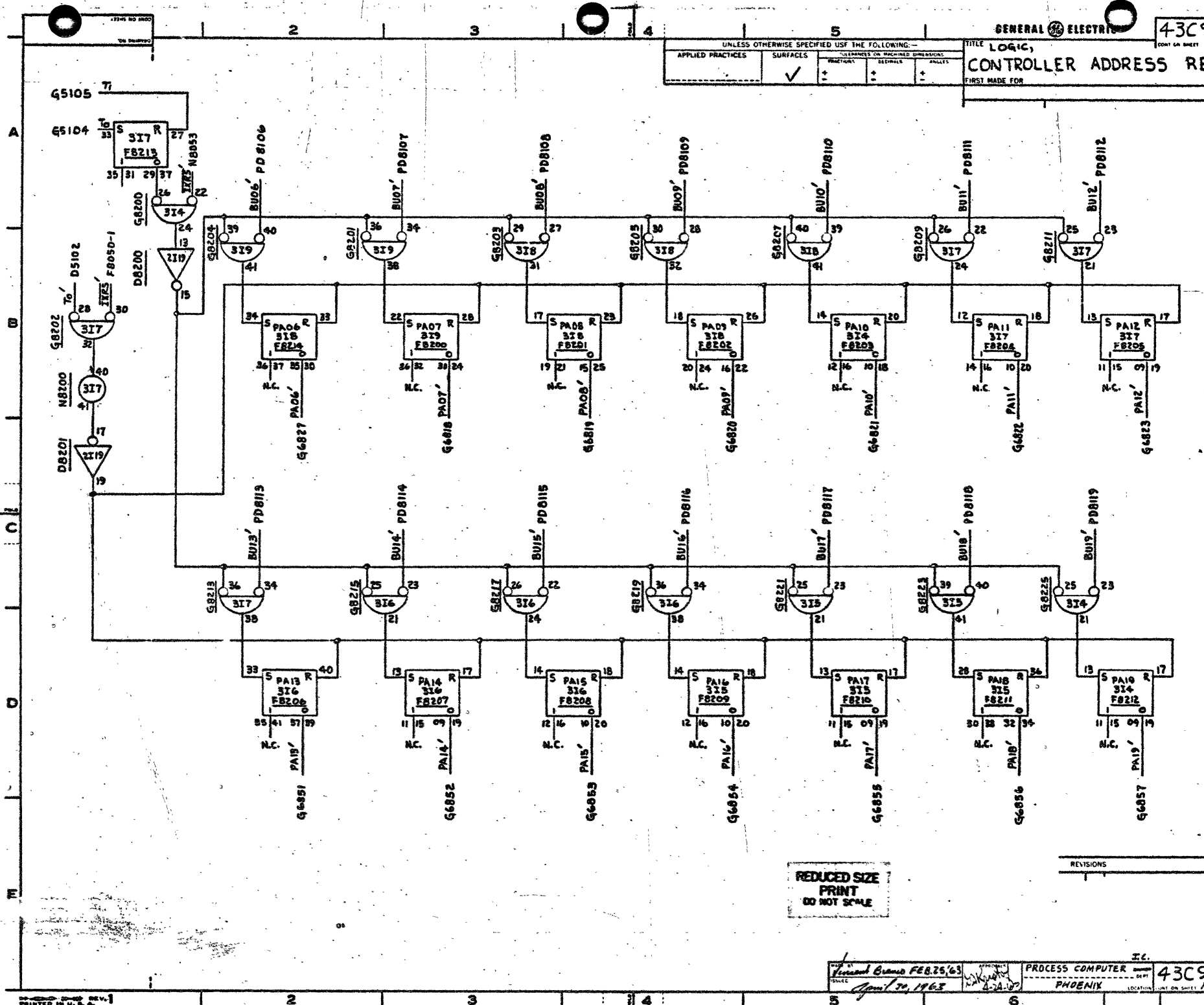
REV NO

REDUCED SIZE  
PRINT  
DO NOT SCALE

REVISIONS	PRINTS TO
	D K8-17
	AE

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING:—

APPLIED PRACTICES	SURFACES	TOLERANCES ON DIMENSIONS
✓	+	+



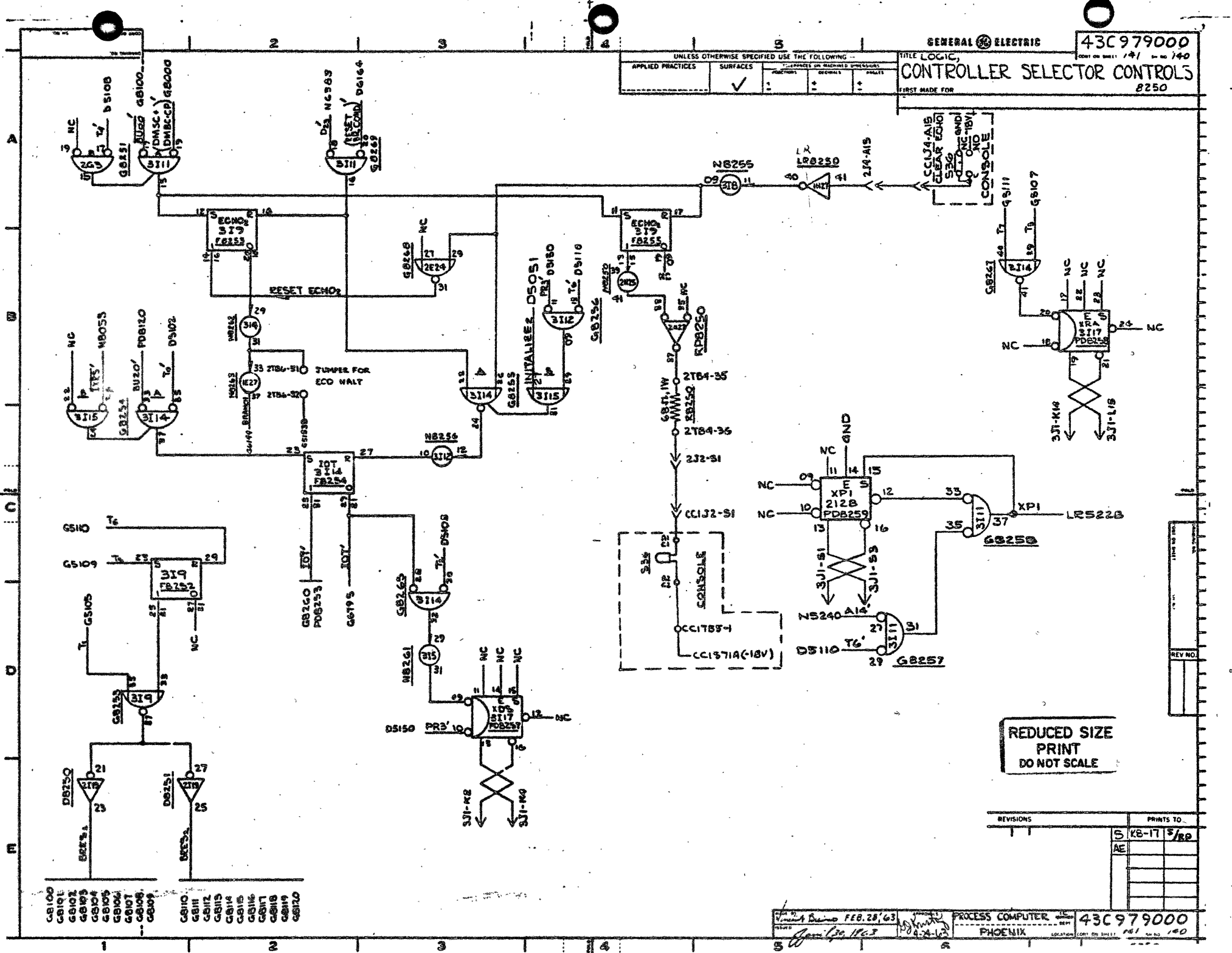
REDUCED SIZE  
 PRINT  
 DO NOT SCALE

REVISIONS	PRINTS TO
	K8-17

# CONTROLLER SELECTOR CONTROLS

FIRST MADE FOR 8250

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING --			
APPLIED PRACTICES	SURFACES	FUNCTIONS	PROTECTIVE
	✓	+	+



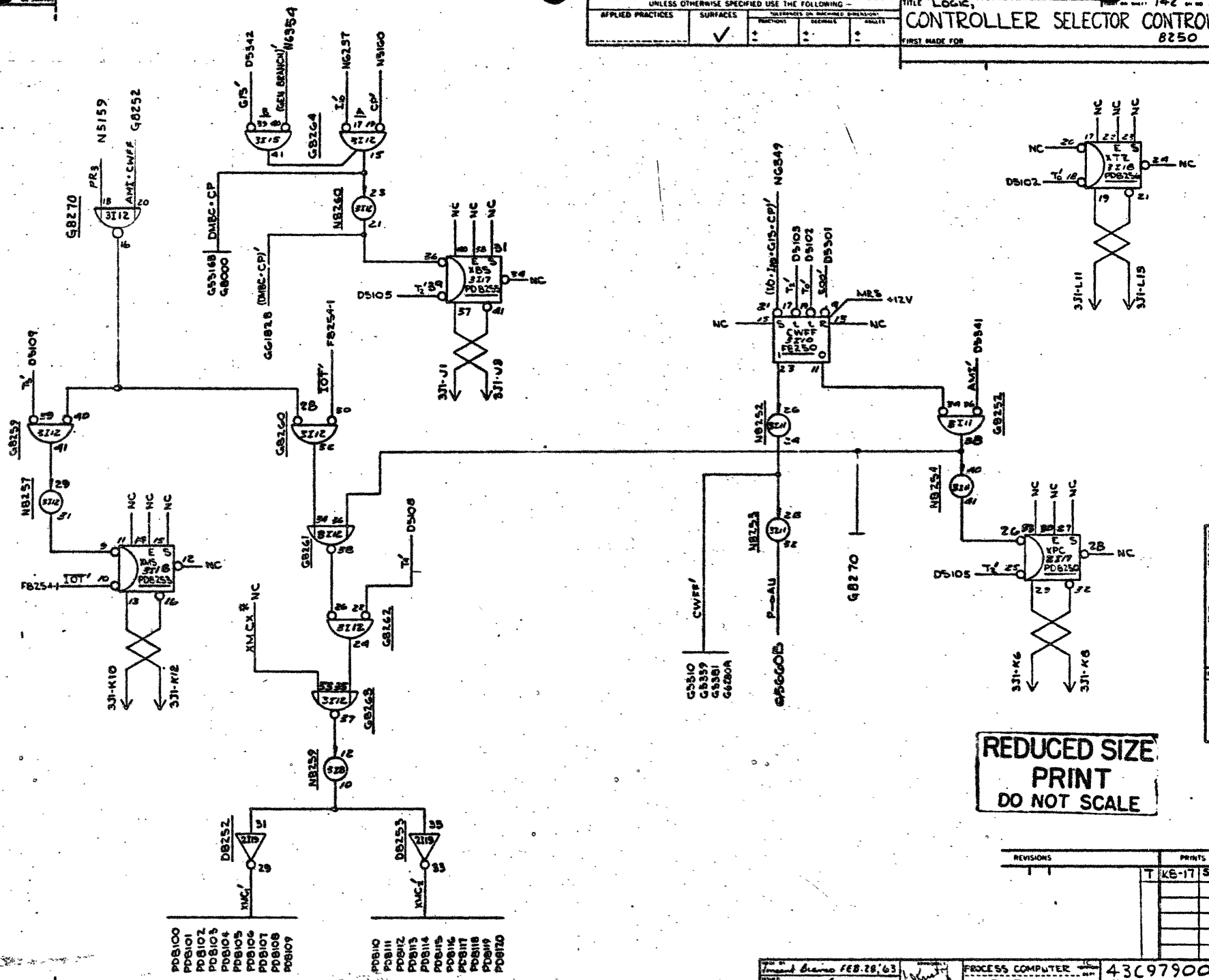
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DO NOT SCALE

REVISIONS	PRINTS TO
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AE	

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING -

APPLIED PRACTICES	SURFACES	TOLERANCES ON DIMENSIONS
	✓	DECIMALS
		FRACTIONS

TITLE LOGIC  
**CONTROLLER SELECTOR CONTROLS**  
 8250  
 FIRST MADE FOR



**REDUCED SIZE  
 PRINT  
 DO NOT SCALE**

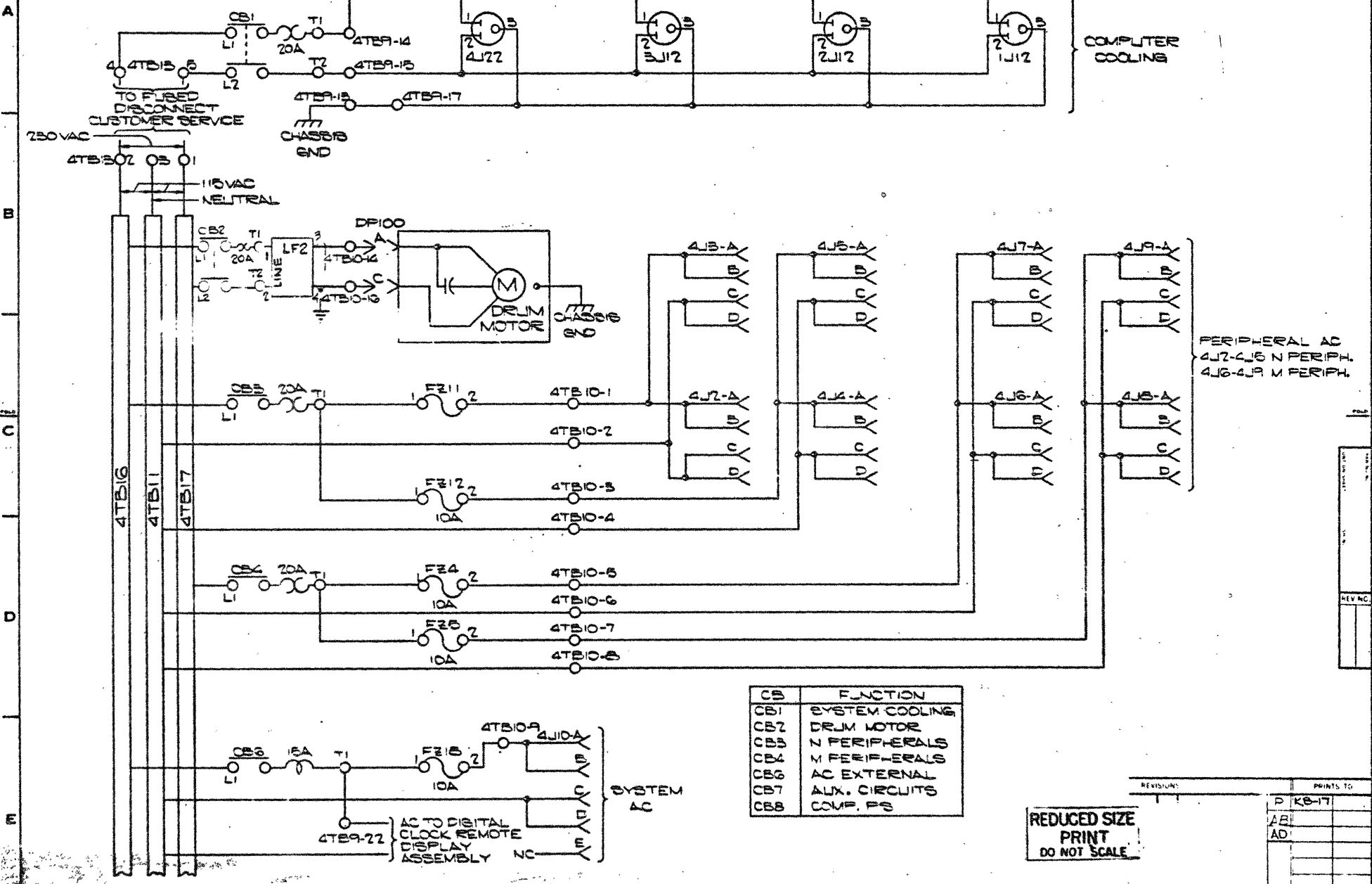
REVISIONS	PRINTS TO
1	T KE-17 S/RP

- PDB100
- PDB101
- PDB102
- PDB103
- PDB104
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- PDB107
- PDB108
- PDB109
- PDB110
- PDB111
- PDB112
- PDB113
- PDB114
- PDB115
- PDB116
- PDB117
- PDB118
- PDB119
- PDB120

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING

APPLIED PRACTICES	SURFACES	CONNECTIONS	TERMINALS	WELDING	PAINTS
	✓	:	:	:	:

TITLE  
**A.C. DISTRIBUTION**  
FIRST MADE FOR CA12A1  
FCF ON-4WC412A1



COMPLER COOLING

PERIPHERAL AC  
4J2-4J8 N PERIPH.  
4J6-4J8 M PERIPH.

CB	FUNCTION
CB1	SYSTEM COOLING
CB2	DRUM MOTOR
CB3	N PERIPHERALS
CB4	M PERIPHERALS
CB5	AC EXTERNAL
CB7	AUX. CIRCUITS
CB8	COMP. PS

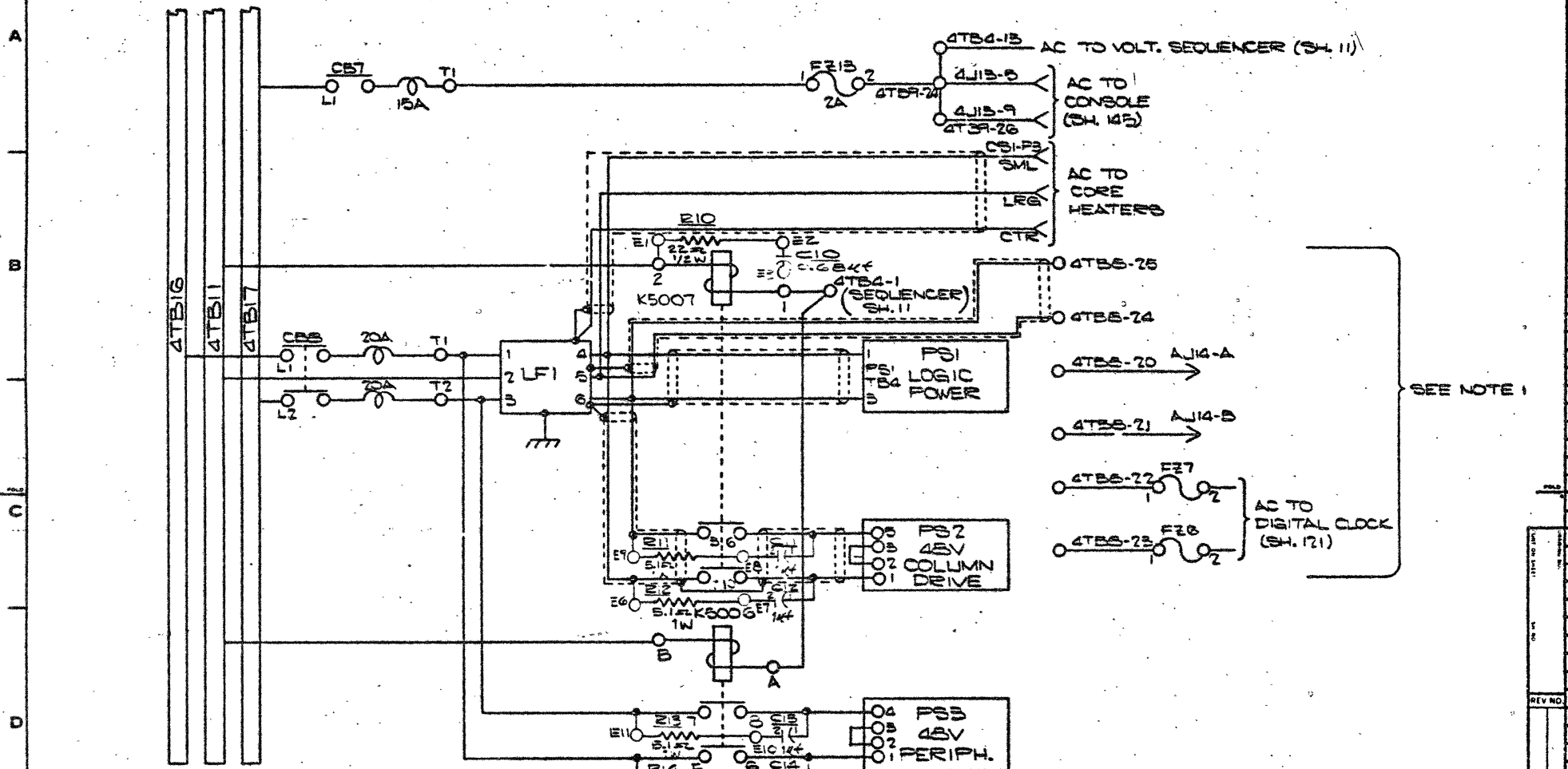
REDUCED SIZE  
PRINT  
DO NOT SCALE

REVISIONS:	PRINTS TO:
	P KB-17
	AB
	AD

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING -

APPLIED PRACTICES	SURFACES	THE FINISHES ON METALS	CONNECTIONS
	✓	:	:

TITLE  
**A.C. DISTRIBUTION**  
 FIRST MADE FOR CA12A1  
 FCF ON-4WC12A1



CB	FUNCTION
CB1	SYSTEM COOLING
CB2	DRUM MOTOR
CB3	N PERIPHERALS
CB4	M PERIPHERALS
CB5	AC EXTERNAL
CB7	ALX. CIRCUITS
CB8	COMP. PS

NOTES:  
 FOR EXTERNAL AC INPUT TO DIGITAL CLOCK, USE 4J14 & JUMPER 4TBS-20 TO 4TBS-22 & 4TBS-21 TO 4TBS-23, IF INTERNAL AC SOURCE IS DESIRED, ADD JUMPER FROM 4TBS-25 TO 4TBS-23 & 4TBS-24 TO 4TBS-22.

SEE NOTE 1

**REDUCED SIZE  
 PRINT  
 DO NOT SCALE**

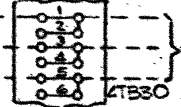
REVISIONS	PRINTS TO
1	N 45-7
	P
	W
	X



UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING

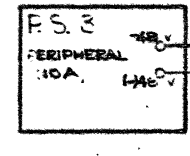
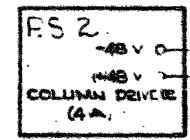
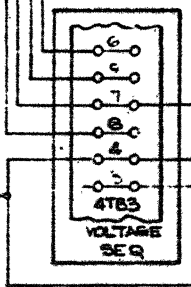
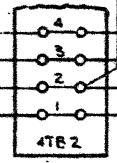
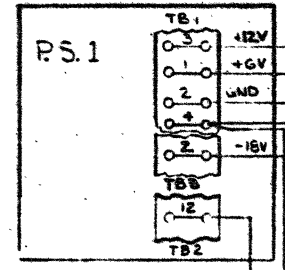
APPLIED PRACTICES	SURFACES	TERMINALS	WIRING	INSULATION	TESTING
	✓				

TITLE  
**D.C. DISTRIBUTION**  
FIRST MADE FOR

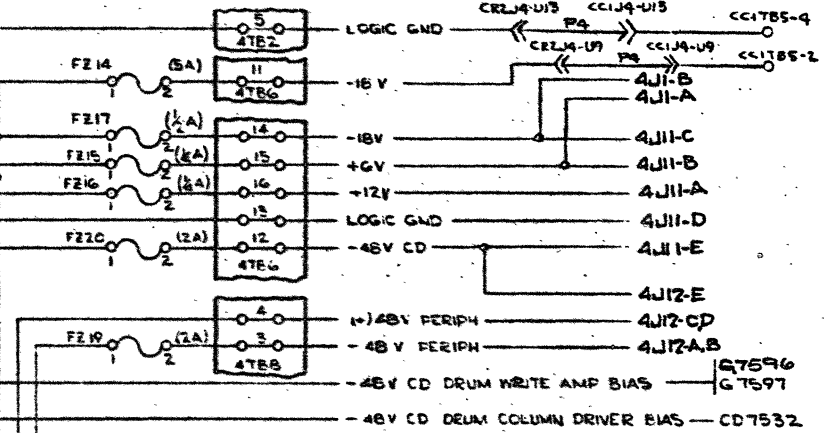
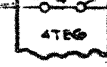
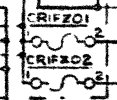


NOTE 5

- 0 +12V BUS (CR 1, 2, E3)
- 0 +6V BUS (CR 1, 2, E3)
- 0 GND BUS (CR 1, 2, E3)
- 0 -18V BUS (CR 1, 2, E3)



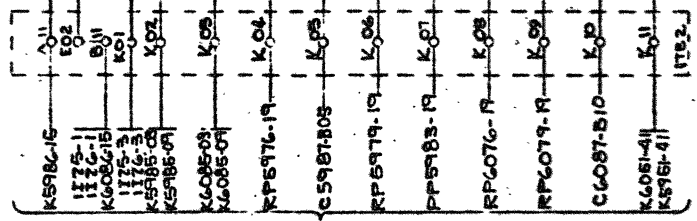
NOTE 3  
NOTE 4



- 18V ————— 3J6, 7, 8, F9 — E3
  - 48V PERIPH ——— 3J6, 7, 8, F9 — B2
  - (+) 48V PERIPH ——— 3J6, 7, 8, F9 — A5
  - 18V PERIPH ——— 3J2, 3, 4, F5 — E3
  - 48V PERIPH ——— 3J2, 3, 4, F5 — B2
  - (+) 148V PERIPH — 3J2, 3, 4, F5 — A5
- "M" PERIPHERALS  
"N" PERIPHERALS

NOTES:

1. LOGIC GND USED AS RETURN FOR COLUMN DRIVER -48V.
2. PERIPHERAL +48V COLUMN DRIVER +48V POWER SUPPLY & LOGIC POWER SUPPLY GND REFERENCED TOGETHER.
3. A SELECTRIC TYPEWRITER TRANSLATOR OPTION MAYBE CONNECTED AT THESE POINTS. REFER TO COMPUTER MODEL LIST TO DETERMINE IF THIS OPTION IS USED. REFER TO ASM 43D979291, LOGIC 43C979305, WIRE LIST 43A979267.
4. SAME AS NOTE 3 EXCEPT REFER TO LOGIC 43C979306 & WIRE LIST 43A979297.



M & N REGISTER  
48V DISTRIBUTION

5. THIS TERMINAL BOARD PROVIDES POWER FROM THE COMPUTER POWER SUPPLY TO THE INPUT/OUTPUT CABINETS WHEN THE POWER DISTRIBUTION OPTION IS USED.

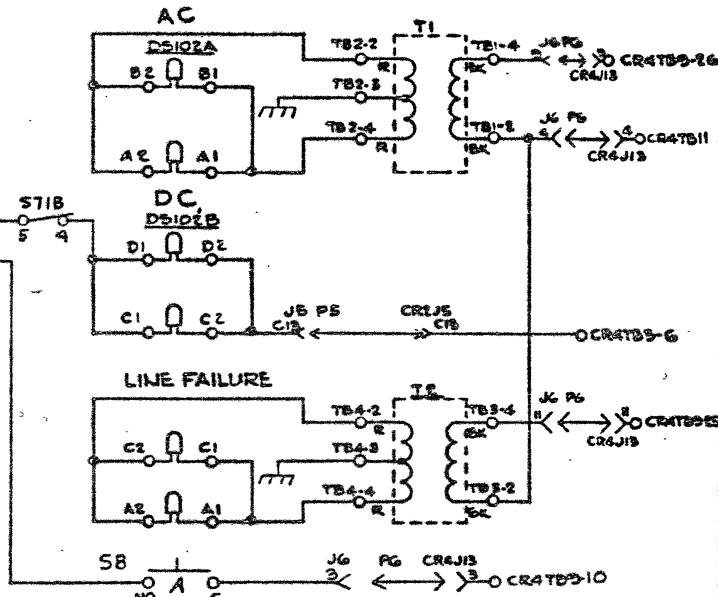
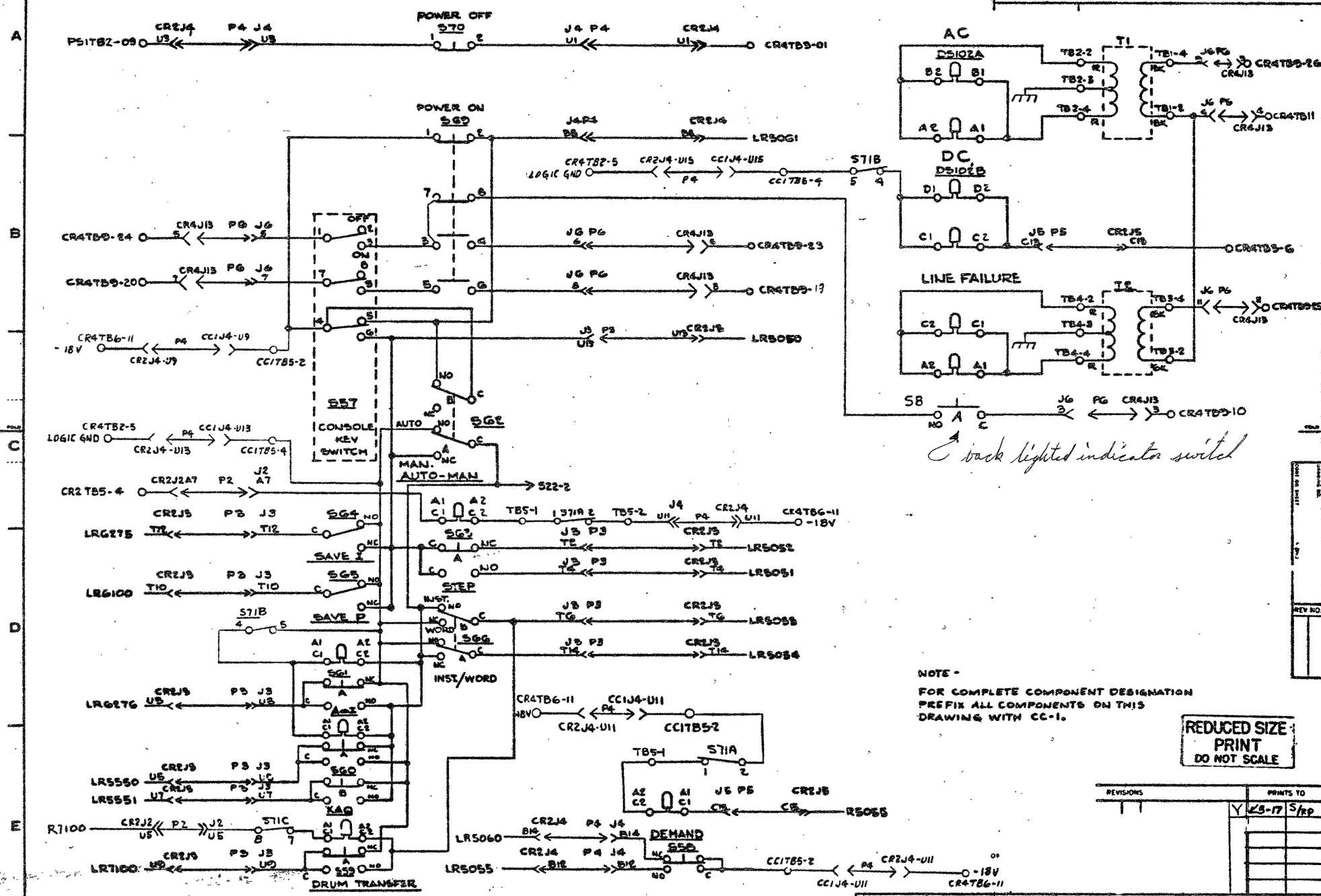
REDUCED SIZE  
PRINT  
DO NOT SCALE

REVISIONS	PRINTS TO
	C
	E
	L
	V
	AA

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING —

APPLIED PRACTICES	SURFACES	TOLERANCES ON DIMENSIONS		
		FRACTIONS	DECIMALS	ANGLES
	✓	±	±	±

TITLE LOGIC  
 CONSOLE SWITCHING AND DISPLAY  
 FIRST MADE FOR



*back lighted indicator switch*

NOTE -  
 FOR COMPLETE COMPONENT DESIGNATION  
 PREFIX ALL COMPONENTS ON THIS  
 DRAWING WITH CC-1.

REDUCED SIZE  
 PRINT  
 DO NOT SCALE

REVISIONS	PRINTS TO
	Y 25-17 S/RP

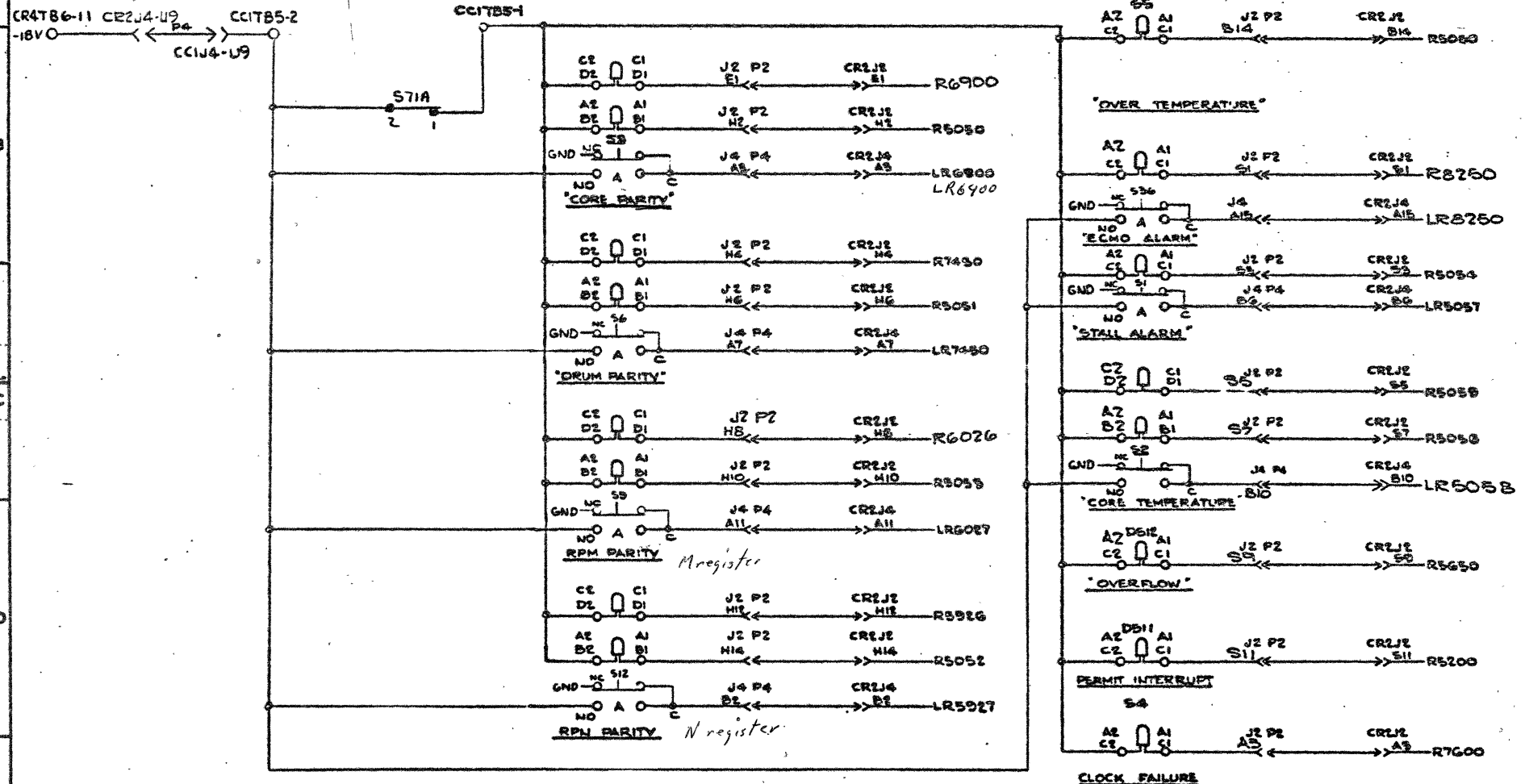
UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING -

APPLIED PRACTICES	SURFACES	TOLERANCES ON MACHINED DIMENSIONS		
		FRACTIONS	DECIMALS	ANGLES
	✓	+	-	+

TITLE LOGIC  
CONSOLE SWITCHING & DISPLAY

FIRST MADE FOR

A  
B  
C  
D  
E



REDUCED SIZE  
PRINT  
DO NOT SCALE

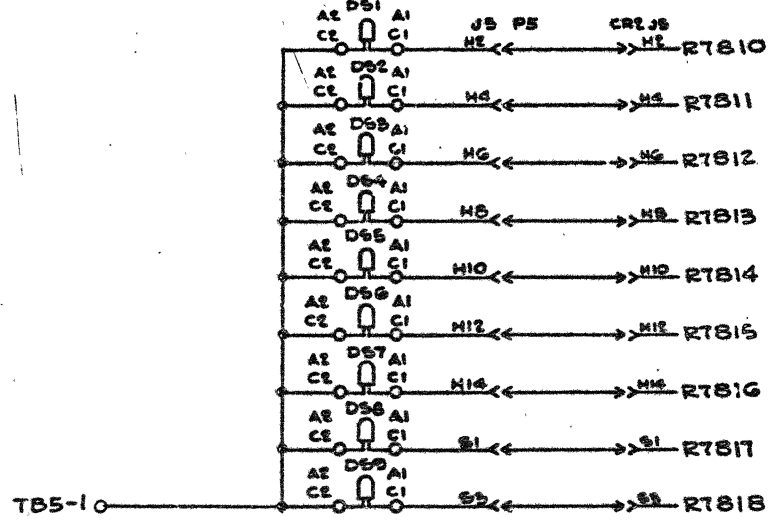
REVISIONS	PRINTS TO
	1 43-17 5/8P

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING -

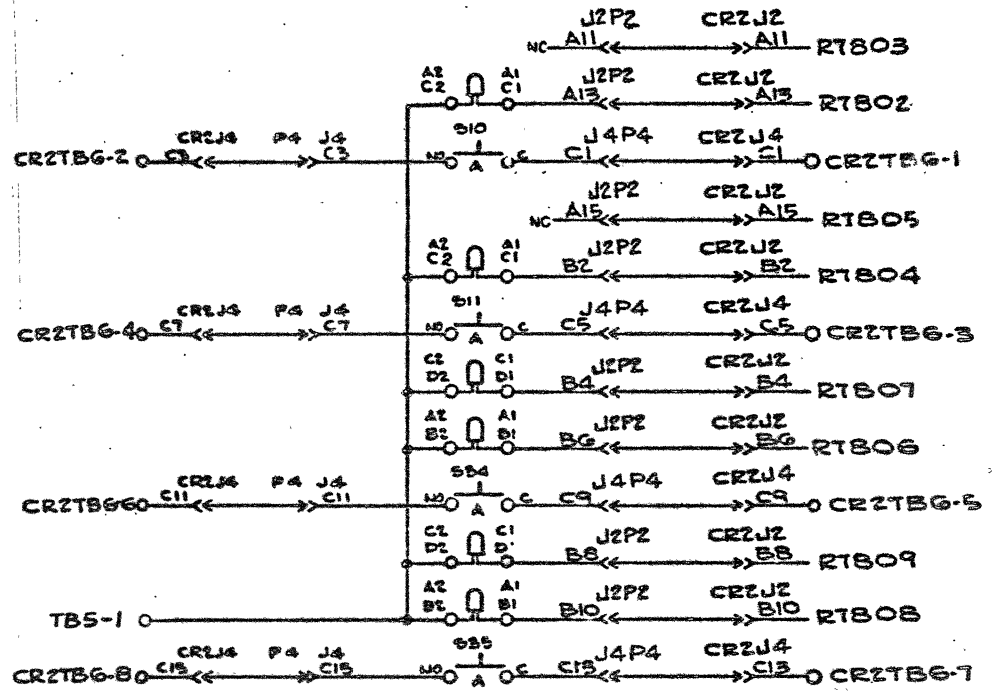
APPLIED PRACTICES	SURFACES	TOLERANCES UNLESS OTHERWISE SPECIFIED	FINISHES	STRAIGHTENING	DRILLING
	✓	:	:	:	:

TITLE LOGIC  
 FIRST MADE FOR

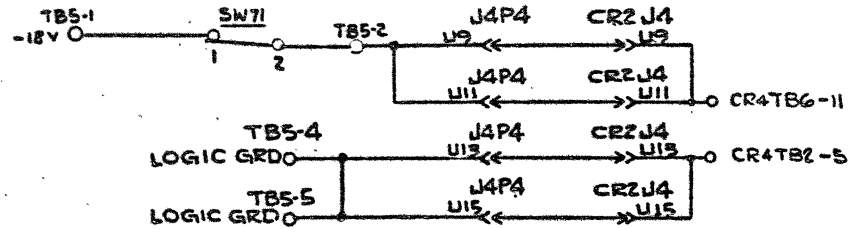
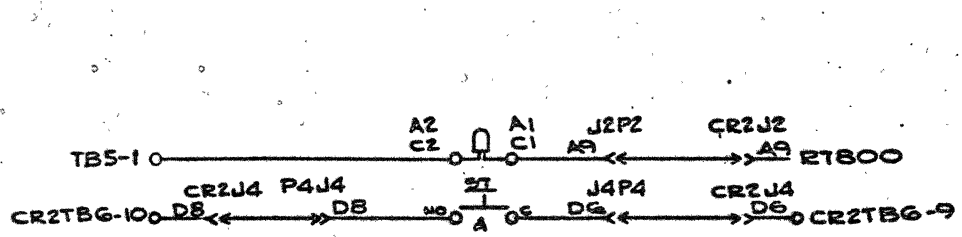
### SPARE INDICATORS



### SPARE SWITCHES



### SPARE SWITCHES



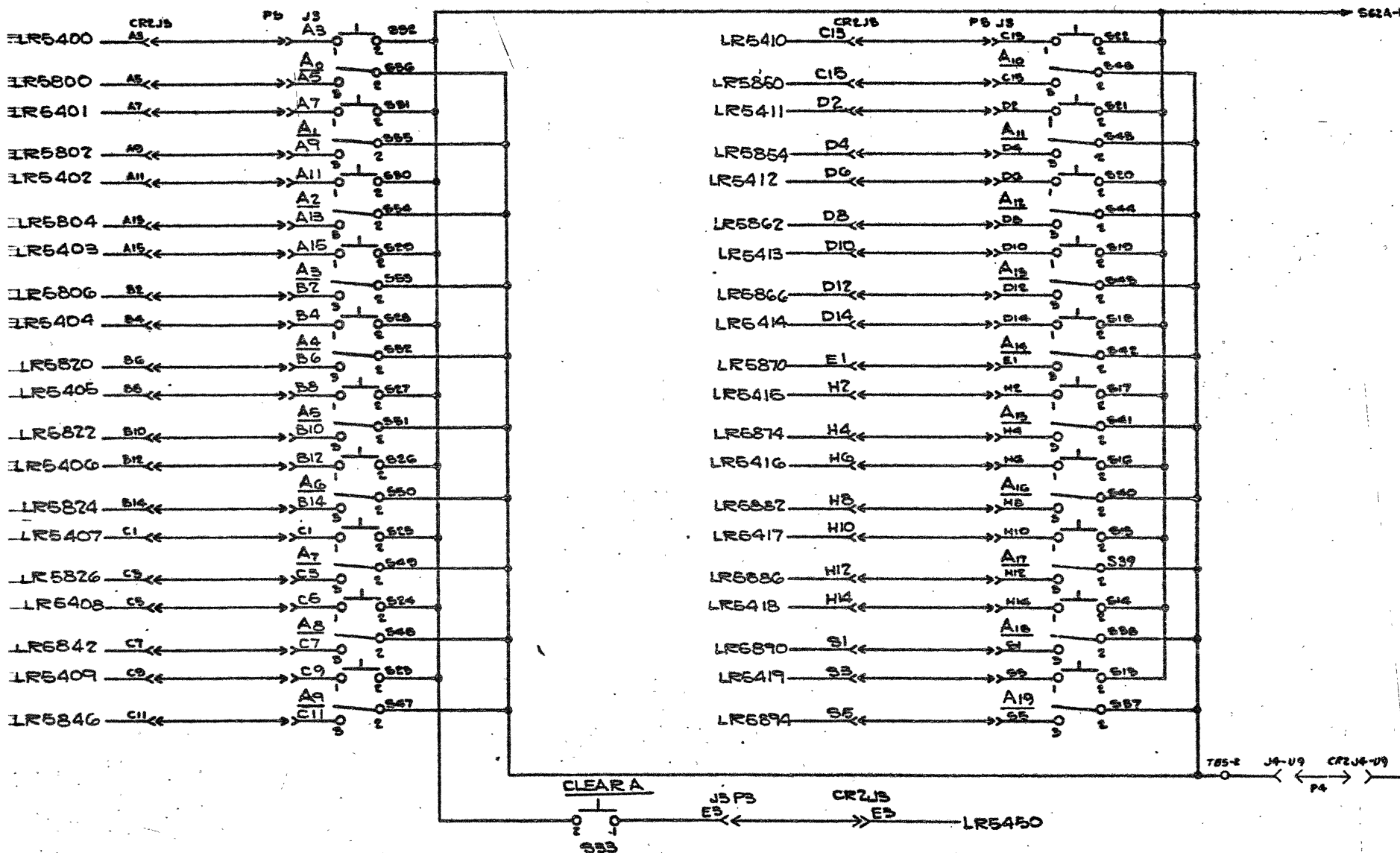
REDUCED SIZE PRINT DO NOT SCALE

REVISIONS	PRINTS TO
	13-17 5/8P

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING -  
 APPLIED PRACTICES SURFACES TOLERANCES ON MACHINED DIMENSIONS  
 FINISHES DIMENSIONS FINISHES

TITLE LOGIC CONSOLE SWITCHING & DISPLAY

FIRST MADE FOR



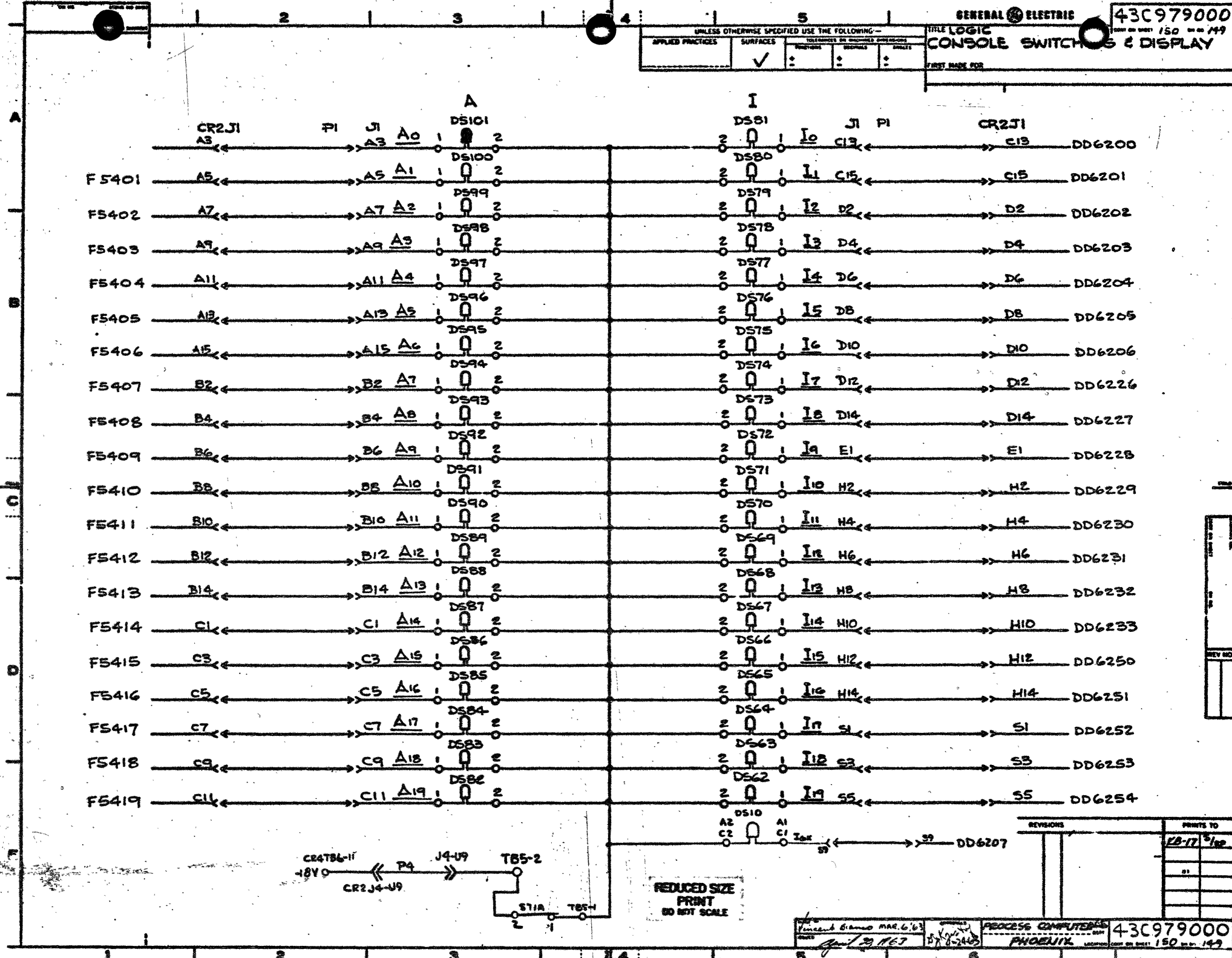
REDUCED SIZE  
 PRINT  
 DO NOT SCALE

REVISIONS	PRINTS TO
	28-17 5/8P

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING--

APPLIED PRACTICES	SURFACES	TOLERANCES UNLESS OTHERWISE SPECIFIED
	✓	FRACTIONAL DECIMALS : ANGLES : HOLE

FIRST MADE FOR



REDUCED SIZE  
PRINT  
DO NOT SCALE

Revised 6/63 MAR. 6/63  
4/29/67

PROCESS COMPUTERS  
PHOENIX  
43C979000

REVISIONS	PRINTS TO
	28-17/100

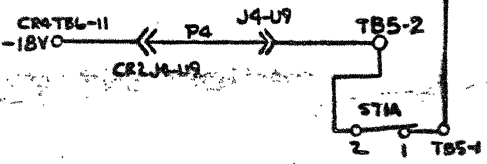
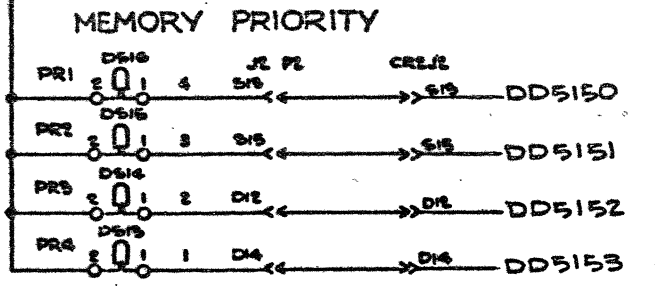
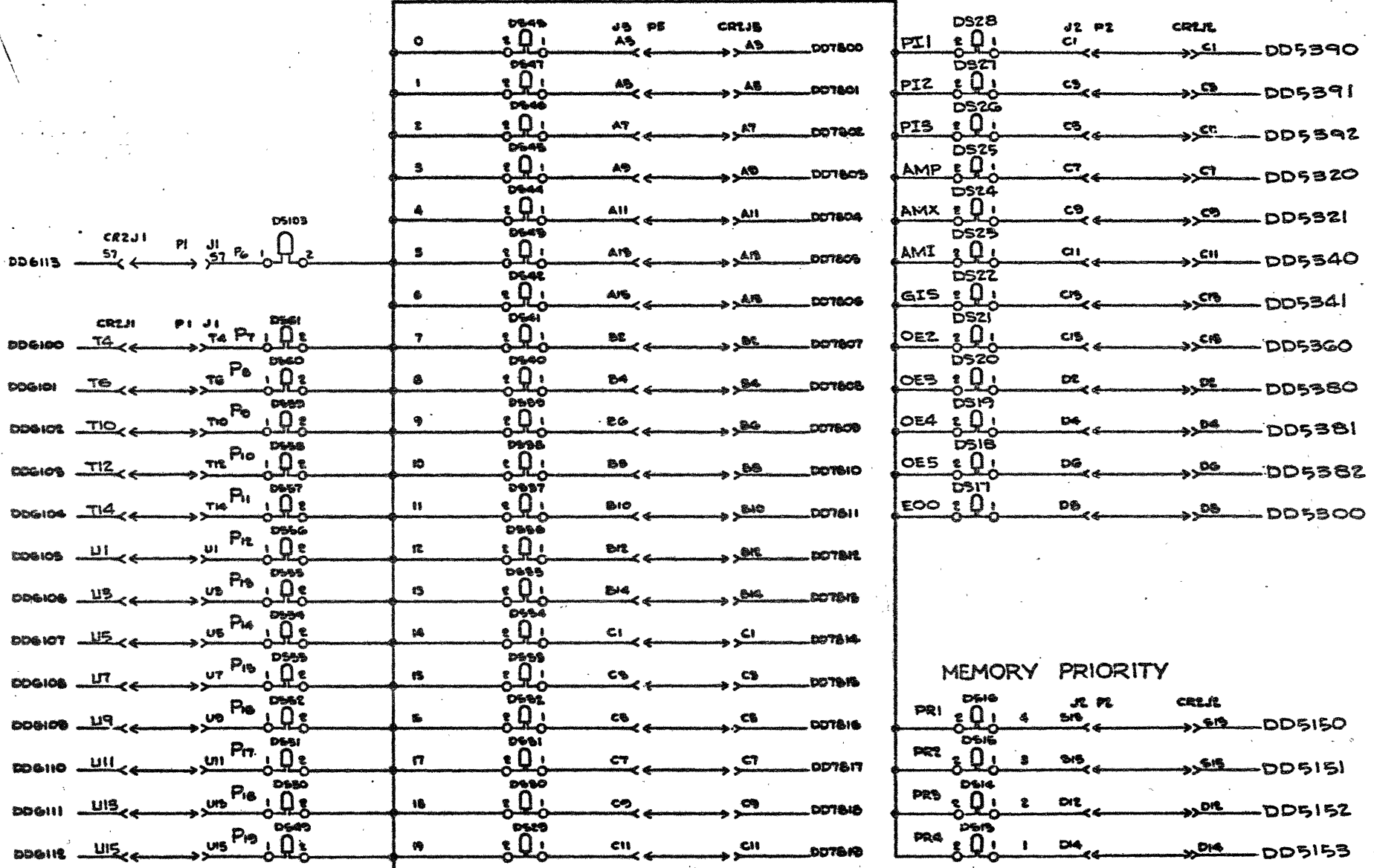
UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING—  
PRACTICES SURFACES TOLERANCES ON DIMENSIONS  
FRACTIONS DECIMALS ANGLES  
✓ ± ± ±

TITLE LOGIC  
CONSOLE SWITCHING DISPLAY  
FIRST MADE FOR

P

MAINT.

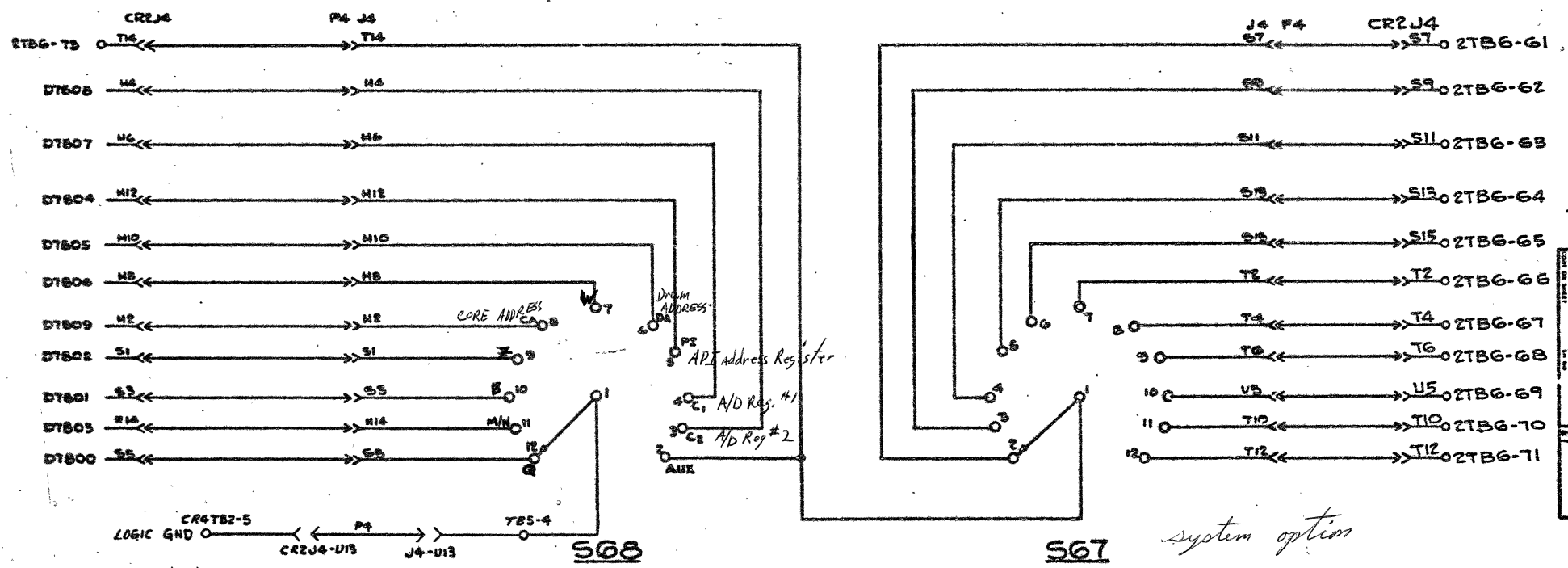
INST. SEQ.



REDUCED SIZE  
PRINT  
DO NOT SCALE

REVISIONS	PRINTS TO
	18-71 3/60

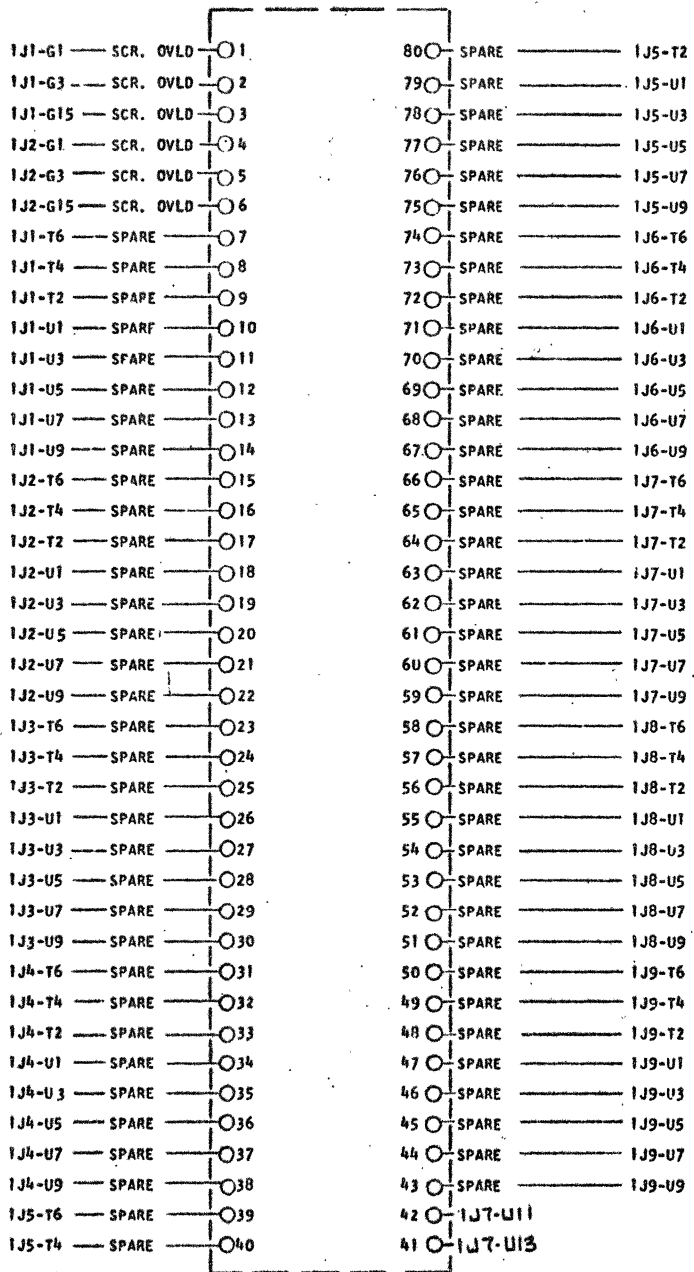
UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING —		
APPLIED PRACTICES	SURFACES	TOLERANCES ON MACHINED DIMENSIONS
✓	✓	FRACTIONS DECIMALS ANGLES



REDUCED SIZE  
 PRINT  
 DO NOT SCALE

REVISIONS	PRINTS TO
	KB-17 3/FP





- NOTES: 1. FOR SYSTEM JUMPERS ON THIS TERMINAL BOARD, REFER TO SYSTEM "CONNECTOR AND TERMINAL BOARD LAYOUT" DRAWING.
2. FOR ACTUAL PHYSICAL LAYOUT OF THIS TERMINAL BOARD SEE ASSEMBLY DRAWING 43A972053.

**REDUCED SIZE  
PRINT  
DO NOT SCALE**

REVISIONS: R (8-17) PRINTS TO 1

43C970000

PROC. COMPUTER PHOENIX

43C970000

43C970000

GENERAL ELECTRIC

TERMINAL BOARD

ITB3

43C970000

153

152

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING APPLIED PRACTICES

V

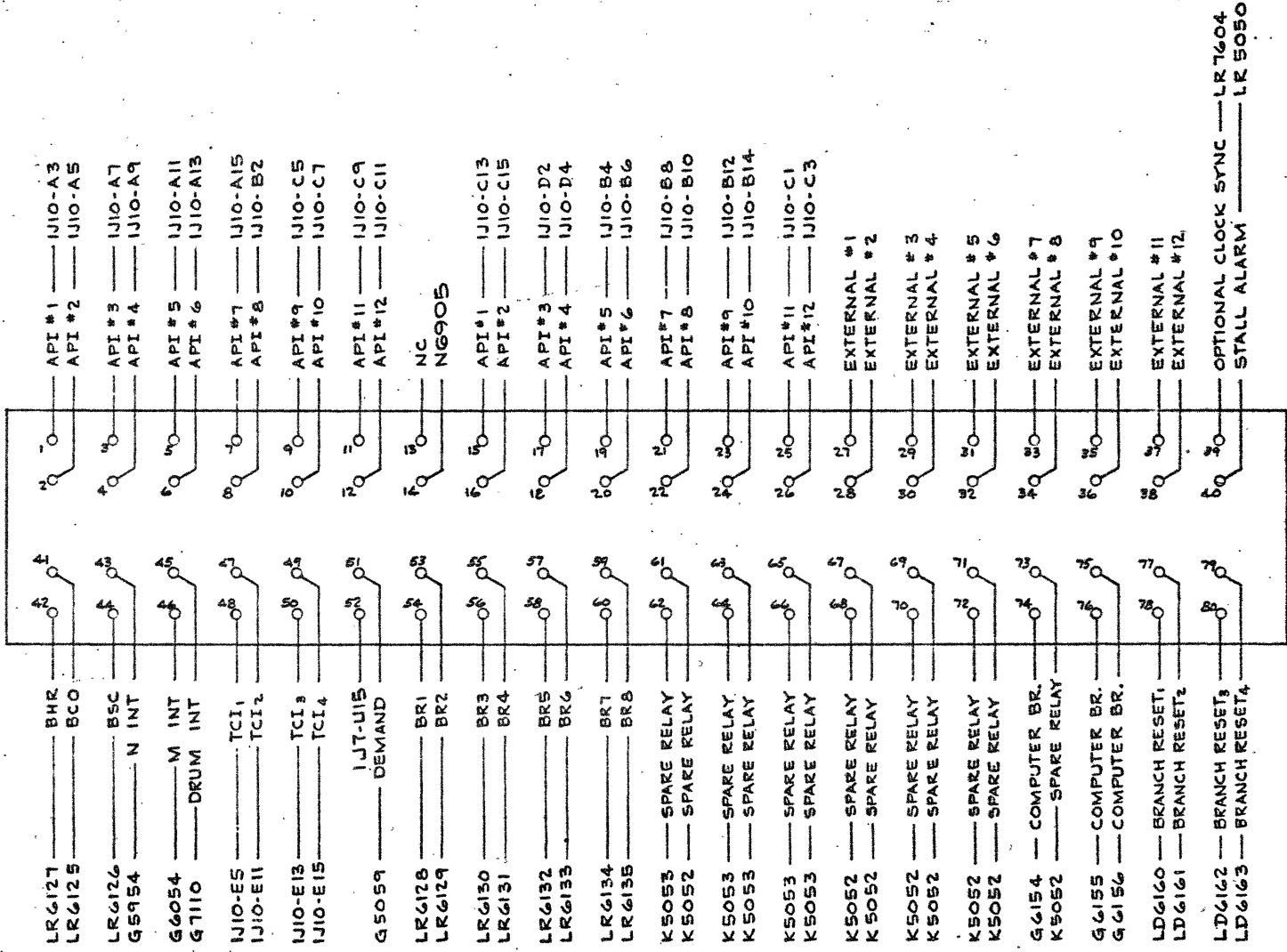
FIRST MADE FOR

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING			
APPLIED PRACTICES	SURFACE	TERMINALS IN MACHINE	GENERAL
✓		+	+
		-	-

TITLE TERMINAL BOARD  
1TB4

FIRST MADE FOR

CRI TB4



REDUCED SIZE  
PRINT  
DO NOT SCALE

REVISIONS	PRINTS TO
F	K8-17
T	

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING -

APPLIED PRACTICES	SURFACES	FINISHES	STRENGTHS	TEMPERATURES	CONNECTIONS
	✓				

TITLE	CONNECTORS
	1J1 & 1J2
FIRST MADE FOR	

CRI-J1

A3	ØA	LD5110
A7	ØB	LD5114
A11	ØC	LD5112
A15	ØD	LD5110
B12	ØQ	LD5100
B5	ØU	LD5101
A5	ØA	NC
A9	ØB	NC
A13	ØC	NC
B14	ØD	NC
B10	ØR	NC
B6	ØU	NC
G11	G1	LDG459
G13	G2	LDG460
G15	G3	LDG461
T8	G4	LDG462
T10	G5	LDG463
T14	G6	LDG464
U11	G7	LDG465
U13	G8	LDG466
U15	G9	LDG467
H4	I9	LDG228
H4	I10	LDG229
H6	I11	LDG230
H8	I12	LDG231
H10	I13	LDG232
C3	A0	LD5400
C5	A1	LD5401
C7	A2	LD5402
C9	A3	LD5403
C11	A4	LD5404
C13	A5	LD5405
C15	A6	LD5406
D14	A7	LD5407
D12	A8	LD5408
D10	A9	LD5409
D6	A10	LD5410
D8	A11	LD5411
D4	A12	LD5412
E2	A13	LD5413
E3	A15	LD5415
E5	A16	LD5416
E11	A17	LD5417
F2	A18	LD5418
F4	A19	LD5419
F6	A18	LD5418
S0	BRANCH 7	LRG154
S18	ØHR	LRG127
T2	BRANCH RESET 4	LDG163
H11	BRANCH 4	LRG131
H14	R2	LDG455
H12	PRC	LDG456
S1	LAC	LDG450
S3	LDS	LDG452
S5	RFA	LDG454
S7	OFA	LDG457
B2	R1	LDG454
B4	L5C	LDG453
C1	LCA	LDG451
E15	INITIALIZE	LD5051
F14	CABINET O.M.	K5050, R5050
E13	CABLE SHIELD	CHASSIS GND
G1	SCR. OVL	ITB3-4
G3	SCR. OVL	ITB3-2
G15	SCR. OVL	ITB3-8
T6	SPARE	ITB3-7
T4	SPARE	ITB3-8
T2	SPARE	ITB3-9
U1	SPARE	ITB3-10
U3	SPARE	ITB3-11
U5	SPARE	ITB3-12
U7	SPARE	ITB3-13
U9	SPARE	ITB3-14
G5	CHASSIS GND.	
F18	-18V	4 TB8-14

CRI-J2

A3	ØA	LD5110
A7	ØB	LD5114
A11	ØC	LD5112
A15	ØD	LD5110
B12	ØQ	LD5100
B5	ØU	LD5101
A5	ØA	NC
A9	ØB	NC
A13	ØC	NC
B14	ØD	NC
B10	ØR	NC
B6	ØU	NC
G11	G1	LDG459
G13	G2	LDG460
G15	G3	LDG461
T8	G4	LDG462
T10	G5	LDG463
T14	G6	LDG464
U11	G7	LDG465
U13	G8	LDG466
U15	G9	LDG467
H4	I9	LDG228
H4	I10	LDG229
H6	I11	LDG230
H8	I12	LDG231
H10	I13	LDG232
C3	A0	LD5400
C5	A1	LD5401
C7	A2	LD5402
C9	A3	LD5403
C11	A4	LD5404
C13	A5	LD5405
C15	A6	LD5406
D14	A7	LD5407
D12	A8	LD5408
D10	A9	LD5409
D6	A10	LD5410
D8	A11	LD5411
D4	A12	LD5412
E2	A13	LD5413
E1	A14	LD5414
E3	A15	LD5415
E5	A16	LD5416
E11	A17	LD5417
F2	A18	LD5418
F4	A19	LD5419
F6	A18	LD5418
S0	BRANCH 7	LRG154
S18	ØHR	LRG127
T2	BRANCH RESET 4	LDG163
H11	BRANCH 4	LRG131
H14	R2	LDG455
H12	PRC	LDG456
S1	LAC	LDG450
S3	LDS	LDG452
S5	RFA	LDG454
S7	OFA	LDG457
B2	R1	LDG454
B4	L5C	LDG453
C1	LCA	LDG451
E15	INITIALIZE	LD5051
F14	CABINET O.M.	K5050, R5050
E13	CABLE SHIELD	CHASSIS GND
G1	SCR. OVL	ITB3-4
G3	SCR. OVL	ITB3-2
G15	SCR. OVL	ITB3-8
T6	SPARE	ITB3-7
T4	SPARE	ITB3-8
T2	SPARE	ITB3-9
U1	SPARE	ITB3-10
U3	SPARE	ITB3-11
U5	SPARE	ITB3-12
U7	SPARE	ITB3-13
U9	SPARE	ITB3-14
G5	CHASSIS GND.	
F18	-18V	4 TB8-14

REDUCED SIZE  
PRINT  
DO NOT SCALE

REVISIONS	PRINTS TO
	15-17 1/2

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING

APPLIED PRACTICES	SURFACES	TOLERANCES UNLESS OTHERWISE SPECIFIED	TERMINALS	ANALYSIS
	✓			

TITLE CONNECTORS

1J3 & 1J4

FIRST MADE FOR

A5	Φ A	LD8117	A5	Φ A	LD8117
A7	Φ B	LD8115	A7	Φ B	LD8115
A11	Φ C	LD8113	A11	Φ C	LD8113
A15	Φ D	LD8111	A15	Φ D	LD8111
B1E	Φ 4	LD8100	B1E	Φ 4	LD8100
B1U	Φ U	LD8101	B1U	Φ U	LD8101
B1A	Φ A	NC	B1A	Φ A	NC
B1B	Φ B	NC	B1B	Φ B	NC
B1C	Φ C	NC	B1C	Φ C	NC
B1D	Φ D	NC	B1D	Φ D	NC
B1Q	Φ Q	NC	B1Q	Φ Q	NC
B1V	Φ V	NC	B1V	Φ V	NC
G11	GC1	LD6459	G11	GC1	LD6459
G13	GC2	LD6460	G13	GC2	LD6460
G15	GC3	LD6461	G15	GC3	LD6461
T8	GC4	LD6462	T8	GC4	LD6462
T10	GC5	LD6463	T10	GC5	LD6463
T14	GC6	LD6464	T14	GC6	LD6464
U11	GC7	LD6465	U11	GC7	LD6465
U15	GC8	LD6466	U15	GC8	LD6466
U18	GC9	LD6467	U18	GC9	LD6467
H1E	I 0	LD6428	H1E	I 0	LD6428
H4	I 10	LD6429	H4	I 10	LD6429
H6	I 11	LD6430	H6	I 11	LD6430
H8	I 12	LD6431	H8	I 12	LD6431
H10	I 13	LD6432	H10	I 13	LD6432
C3	A 0	LD5400	C3	A 0	LD5400
C5	A 1	LD5401	C5	A 1	LD5401
C7	A 2	LD5402	C7	A 2	LD5402
C9	A 3	LD5403	C9	A 3	LD5403
C11	A 4	LD5404	C11	A 4	LD5404
C13	A 5	LD5405	C13	A 5	LD5405
C15	A 6	LD5406	C15	A 6	LD5406
D14	A 7	LD5407	D14	A 7	LD5407
D1E	A 8	LD5408	D1E	A 8	LD5408
D10	A 9	LD5409	D10	A 9	LD5409
D8	A 10	LD5410	D8	A 10	LD5410
D6	A 11	LD5411	D6	A 11	LD5411
D4	A 12	LD5412	D4	A 12	LD5412
D2	A 13	LD5413	D2	A 13	LD5413
E1	A 14	LD5414	E1	A 14	LD5414
E3	A 15	LD5415	E3	A 15	LD5415
E5	A 16	LD5416	E5	A 16	LD5416
E11	A 17	LD5417	E11	A 17	LD5417
E2	A 18	LD5418	E2	A 18	LD5418
F8	A 19	LD5419	F8	A 19	LD5419
S9	BRANCH 7	LRG154	S9	BRANCH 7	LRG154
S13	BRANCH RESET 4	LDG163	S13	BRANCH RESET 4	LDG163
S11	BRANCH 4	LRG151	S11	BRANCH 4	LRG151
H14	RC2	LDG453	H14	RC2	LDG453
H1E	PRC	LDG456	H1E	PRC	LDG456
S1	LAC	LDG450	S1	LAC	LDG450
S3	LDS	LDG452	S3	LDS	LDG452
S5	RFA	LDG456	S5	RFA	LDG456
S7	OFA	LDG457	S7	OFA	LDG457
D2	RC1	LDG454	D2	RC1	LDG454
B4	L5C	LDG455	B4	L5C	LDG455
C1	LCA	LDG451	C1	LCA	LDG451
E15	INITIALIZE	LD5051	E15	INITIALIZE	LD5051
F14	CABINET O.M.	K8050, R8060	F14	CABINET O.M.	K8050, R8060
E13	CABLE SHIELD	CHASSIS GND	E13	CABLE SHIELD	CHASSIS GND
G1	NC		G1	NC	
G3	NC		G3	NC	
G5	NC		G5	NC	
T6	SPARE	1TB9-31	T6	SPARE	1TB9-31
T4	SPARE	1TB9-22	T4	SPARE	1TB9-22
T2	SPARE	1TB9-33	T2	SPARE	1TB9-33
U1	SPARE	1TB9-34	U1	SPARE	1TB9-34
U3	SPARE	1TB9-35	U3	SPARE	1TB9-35
U5	SPARE	1TB9-36	U5	SPARE	1TB9-36
U7	SPARE	1TB9-37	U7	SPARE	1TB9-37
U9	SPARE	1TB9-38	U9	SPARE	1TB9-38
G5	CHASSIS GND.		G5	CHASSIS GND.	
E18	-18V	4TB6-14	E18	-18V	4TB6-14

1J3

CRIJ3

CRIJ4

1J4

REDUCED SIZE  
PRINT  
DO NOT SCALE

REVISONS	PRINTS TO
	28-17 / RP

CRI-J6

A3	C8	LR5840
A5	C9	LR5844
A7	C10	LR5848
A9	C11	LR5852
A11	C12	LR5860
A13	C13	LR5864
A15	C14	LR5868
B14	C15	LR5872
B12	C16	LR5880
B10	C17	LR5884
B8	C18	LR5888
B6	C19	LR5892
H4	BRANCH 1	LR6128
H2	BRANCH 2	LR6129
S1	BRANCH 3	LR6130
S11	BRANCH 4	LR6131
S9	BRANCH 7	LR6134
S3	BRANCH 8	LR6135
S13	BRANCH RESET 1	LD6160
S15	BRANCH RESET 2	LD6161
T14	BRANCH RESET 3	LD6162
T12	BRANCH RESET 4	LD6163
B4	BSC	LR6126
B2	BCO	LR6125
T2	SPARE	1T83-72
T4	SPARE	1T83-73
T6	SPARE	1T83-74
U1	SPARE	1T83-71
U3	SPARE	1T83-70
U5	SPARE	1T83-69
U7	SPARE	1T83-68
U9	SPARE	1T83-67
E13	CABLE SHIELD	CHASSIS GND
F14	CABINET O.H.	K5050, R5060
S5	NC	
H6	CHASSIS GND (BR8)	
T10	NC	
C1	} SEE NOTE 1	
C3		
C5		
C7		
C9	NC	
C11	NC	
C13	NC	
C15	NC	
D2	CHASSIS GND (BCO)	
D4	CHASSIS GND (BSC)	
D6	NC	
D8	NC	
D10	NC	
D12	NC	
D14	NC	
E1	NC	
E3	NC	
E5	NC	
E11	NC	
T8	NC	
E15	NC	
F2	NC	
F4	NC	
F12	NC	
S7	NC	
G1	CHASSIS GND (BR3)	
G3	CHASSIS GND (BR2)	
G5	CHASSIS GND (BR1)	
G11	NC	
G13	NC	
G15	NC	
H8	NC	
H10	CHASSIS GND (BR7)	
H12	CHASSIS GND (BR4)	
H14	NC	
U11	NC	
U13	NC	
U15	NC	

NOTES:  
 1. A 16 BIT SCANNER OPTION MAY BE CONNECTED AT THESE POINTS REFER TO THE COMPUTER MODEL LIST TO DETERMINE IF THIS OPTION IS USED REFER TO 43091774 FOR THE INDEX, 430931775 FOR THE LOGIC, 430931776 FOR THE WIRE LIST.

CRI-J5

A3	0A	LD5116
A7	0B	LD5114
A11	0C	LD5112
A15	0D	LD5110
B12	0E	LD5100
B8	0F	LD5101
A5	0A	NC
A9	0B	NC
A13	0C	NC
B14	0D	NC
B10	0E	NC
B6	0F	NC
G11	GC1	LD6459
G13	GC2	LD6460
S15	GC3	LD6461
T8	GC4	LD6462
T10	GC5	LD6463
T14	GC6	LD6464
U11	GC7	LD6465
U13	GC8	LD6466
U15	GC9	LD6467
H2	I9	LD6228
H4	I10	LD6229
H6	I11	LD6230
H8	I12	LD6231
H10	I13	LD6232
C3	A0	LD5400
C5	A1	LD5401
C7	A2	LD5402
C9	A3	LD5403
C11	A4	LD5404
C13	A5	LD5405
C15	A6	LD5406
D14	A7	LD5407
D12	A8	LD5408
D10	A9	LD5409
D8	A10	LD5410
D6	A11	LD5411
D4	A12	LD5412
D2	A13	LD5413
E1	A14	LD5414
E3	A15	LD5415
E5	A16	LD5416
E11	A17	LD5417
F2	A18	LD5418
F4	A19	LD5419
S9	BRANCH 7	LR6134
S13	BHR	LR6127
T12	BRANCH RESET 4	LD6163
S11	BRANCH 4	LR6131
H14	RC2	LD6455
H12	PRC	LD6458
S1	LAC	LD6450
S3	LDS	LD6452
S5	RFA	LD6456
S7	OFA	LD6457
B2	RC1	LD6454
B4	LSC	LD6453
C1	LCA	LD6451
E15	INITIALIZE	LD5050
F14	CABINET O.H.	K5050, R5060
E13	CABLE SHIELD	CHASSIS GND
G1	NC	
G3	NC	
G15	NC	
T2	SPARE	1T83-80
T4	SPARE	1T83-40
T6	SPARE	1T83-39
U1	SPARE	1T83-79
U3	SPARE	1T83-78
U5	SPARE	1T83-77
U7	SPARE	1T83-76
U9	SPARE	1T83-75
G5	CHASSIS GND	
F12	-18V	4T86-14

CRI-J6

CRI-J5

REDUCED SIZE  
 PRINT  
 DO NOT SCALE

REVISIONS

PRINTS TO

M 6-7

R

DATE: 4/11/84  
 V. S. BIANCO MAR 6/83  
 G. CRISTOF 4-24-83  
 PHOENIX  
 PROC CONP 4309177000  
 4309177000  
 156

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING:  
 APPLIED PRACTICES SURFACES  
 +  
 +  
 +  
 +  
 FIRST MADE FOR  
 GENERAL ELECTRIC  
 CONNECTORS  
 IJ5 & IJ6  
 33C979000  
 157 156

APPLIED PRACTICES	SURFACES	UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING		
	✓	FUNCTION	REWORK	FINISH
		+	+	+

TITLE CONNECTORS  
1J7 - 1J8  
FIRST MADE FOR

CRI-J7

A3	C6	LR5641
A5	C9	LR5648
A7	C10	LR5049
A9	C11	LR5659
A11	C12	LR5661
A13	C13	LR5665
A14	C14	LR5669
B14	C15	LR5679
B12	C16	LR5681
B10	C17	LR5685
B6	C18	LR5689
B6	C19	LR5695
H4	BRANCH 1	LR6126
H2	BRANCH 2	LR6129
S1	BRANCH 3	LR6130
S11	BRANCH 4	LR6131
B2	BRANCH 5	LR6132
B4	BRANCH 6	LR6133
S9	BRANCH 7	LR6134
S3	BRANCH 8	LR6135
S13	BRANCH RESET 1	LD6160
S15	BRANCH RESET 2	LD6161
T14	BRANCH RESET 3	LD6162
T2	BRANCH RESET 4	LD6163
T4	SPARE	ITB3-64
T6	SPARE	ITB3-68
U1	SPARE	ITB3-66
U3	SPARE	ITB3-63
U6	SPARE	ITB3-62
U7	SPARE	ITB3-61
U9	SPARE	ITB3-60
E13	CABLE SHIELD	CHASSIS GND.
F14	CABINET 2, 4	K805, R5060
H6	CHASSIS GND. (BR8)	
T10	NC	
S5	NC	
C1	NC	
C3	NC	
C5	NC	
C7	NC	
C9	NC	
C11	NC	
C13	NC	
C15	NC	
D2	CHASSIS GND. (BR5)	
D4	CHASSIS GND. (BR6)	
D6	NC	
D8	NC	
D10	NC	
D12	NC	
D14	NC	
E1	NC	
E3	NC	
E5	NC	
E11	NC	
T6	NC	
F15	NC	
F2	NC	
F4	NC	
F12	NC	
U15	NC	
G1	CHASSIS GND. (BR5)	
G3	CHASSIS GND. (BR2)	
G5	CHASSIS GND. (BR1)	
G11	NC	
G13	NC	
G15	NC	
H6	NC	
H10	CHASSIS GND. (BR7)	
H12	CHASSIS GND. (BR4)	
H14	NC	
U11	NC	
U13	ITB3-41	
U15	ITB4-52	

CR-5

CRI-J8

C1	SET A0	LR5801A
C3	SET A1	LR5803A
C5	SET A2	LR5805A
C7	SET A3	LR5807A
C9	SET A4	LR5807A
C11	SET A8	LR5828A
C13	SET A6	LR5825A
C15	SET A7	LR5827A
A3	SET A8	LR5848A
A5	SET A9	LR5847A
A7	SET A10	LR5851A
A9	SET A11	LR5852A
A11	SET A12	LR5863A
A13	SET A15	LR5871A
A15	SET A18	LR5871A
B14	SET A19	LR5875A
B12	SET A16	LR5883A
B10	SET A17	LR5887A
B8	SET A18	LR5892A
B6	SET A19	LR5892A
H4	BRANCH 1	LR6126
H2	BRANCH 2	LR6129
S1	BRANCH 3	LR6130
S11	BRANCH 4	LR6131
S9	BRANCH 7	LR6134
S3	BRANCH 8	LR6135
S13	BRANCH RESET 1	LD6160
S15	BRANCH RESET 2	LD6161
T14	BRANCH RESET 3	LD6162
T2	BRANCH RESET 4	LD6163
F14	CABINET 2, 4	K5050, R5060
T2	SPARE	ITB3-54
T4	SPARE	ITB3-57
T6	SPARE	ITB3-58
U1	SPARE	ITB3-58
U3	SPARE	ITB3-54
U5	SPARE	ITB3-53
U7	SPARE	ITB3-52
U9	SPARE	ITB3-61
E13	CABLE SHIELD	CHASSIS GND.
S5	N.C.	
S7	N.C.	
S9	N.C.	
S11	N.C.	
S13	N.C.	
S15	N.C.	
T2	CHASSIS GND. (BR5)	
T4	CHASSIS GND. (BR6)	
T6	N.C.	
D10	N.C.	
D12	N.C.	
D14	N.C.	
E1	N.C.	
E3	N.C.	
E5	N.C.	
E11	N.C.	
T6	N.C.	
F15	N.C.	
F2	N.C.	
F4	N.C.	
F12	N.C.	
U15	N.C.	
G1	CHASSIS GND. (BR1)	
G3	CHASSIS GND. (BR2)	
G5	CHASSIS GND. (BR1)	
G11	N.C.	
G13	N.C.	
G15	N.C.	
H6	CHASSIS GND. (BR8)	
H10	N.C.	
H12	CHASSIS GND. (BR7)	
H14	CHASSIS GND. (BR4)	
T10	N.C.	
U11	N.C.	
U13	N.C.	
U15	N.C.	

CR-10

REDUCED SIZE  
PRINT  
DO NOT SCALE

REVISIONS	PRINTS TO
	TKS-1754p

Final Review MAR 6, 63  
April 30, 1965

PROCESS COMPUTER  
PHOENIX

43C979000  
REV. 158 157

CRI-J9

C1	SET A <sup>0</sup>	LR5801B
C3	SET A <sup>1</sup>	LR5803B
C5	SET A <sup>2</sup>	LR5805B
C7	SET A <sup>3</sup>	LR5807B
C9	SET A <sup>4</sup>	LR5821B
C11	SET A <sup>5</sup>	LR5823B
C13	SET A <sup>6</sup>	LR5825B
C15	SET A <sup>7</sup>	LR5827B
A3	SET A <sup>8</sup>	LR5843B
A5	SET A <sup>9</sup>	LR5847B
A7	SET A <sup>10</sup>	LR5851B
A9	SET A <sup>11</sup>	LR5855B
A11	SET A <sup>12</sup>	LR5863B
A13	SET A <sup>13</sup>	LR5867B
A15	SET A <sup>14</sup>	LR5871B
B14	SET A <sup>15</sup>	LR5875B
B12	SET A <sup>16</sup>	LR5883B
B10	SET A <sup>17</sup>	LR5887B
B8	SET A <sup>18</sup>	LR6891B
B6	SET A <sup>19</sup>	LR5895B
H4	BRANCH 1	LR6128
H2	BRANCH 2	LR6129
S1	BRANCH 3	LR6130
S11	BRANCH 4	LR6131
S9	BRANCH 7	LR6134
S3	BRANCH 8	LR6135
S13	BRANCH RESET 1	LD6160
S15	BRANCH RESET 2	LD6161
T14	BRANCH RESET 3	LD6162
T12	BRANCH RESET 4	LD6163
F14	CABINET O.H.	X5050, X5060
T2	SPARE	1TB3-48
T4	SPARE	1TB3-49
T6	SPARE	1TB3-50
U1	SPARE	1TB3-47
U3	SPARE	1TB3-46
U5	SPARE	1TB3-45
U7	SPARE	1TB3-44
U9	SPARE	1TB3-43
E13	CABLE SHIELD	CHASSIS GND
S5	NC	
S7	NC	
B2	NC	
B4	NC	
D2	CHASSIS GND (BR 5)	
D4	CHASSIS GND (BR 6)	
D6	NC	
D8	NC	
D10	NC	
D12	NC	
D14	NC	
E1	NC	
E3	NC	
E5	NC	
E11	NC	
T8	NC	
E15	NC	
F2	NC	
F4	NC	
F12	NC	
U13	NC	
G1	CHASSIS GND (BR3)	
G3	CHASSIS GND (BR2)	
G5	CHASSIS GND (BR1)	
G11	NC	
G13	NC	
G15	NC	
H6	CHASSIS GND (BR8)	
H8	NC	
H10	CHASSIS GND (BR7)	
H12	CHASSIS GND (BR4)	
H14	NC	
T10	NC	
U11	NC	
U15	NC	

REDUCED SIZE  
PRINT  
DO NOT SCALE

NE  
DATE: 11/1/84  
DRAWN BY: J. B. B. / J. B. B.  
CHECKED BY: G. KRISTOF / G. KRISTOF  
DATE: 4-24-63  
PHOENIX  
PROC. COMPUTER  
43C979000  
REV. 158

REVISIONS	
PRINTS TO	
E KS-17	
R	

REV NO		DATE	

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING

APPLIED PRACTICES	✓
SUMMALS	
FACTORS	
DETAILS	
FINISHES	

GENERAL ELECTRIC  
TITLE CONNECTOR  
1-J9  
FIRST MADE FOR  
43C979000  
REV. 158

1J10

A3		ITB4-1
A5		ITB4-2
A7		ITB4-3
A9		ITB4-4
A11		ITB4-5
A13		ITB4-6
A15		ITB4-7
B2		ITB4-8
C5		ITB4-9
C7		ITB4-10
C9		ITB4-11
C11		ITB4-12
C13		ITB4-15
C15		ITB4-16
D2		ITB4-17
D4		ITB4-18
B4		ITB4-19
B6		ITB4-20
B8		ITB4-21
B10		ITB4-22
B12		ITB4-23
B14		ITB4-24
C1		ITB4-25
C3		ITB4-26
F2	API #1	LR5225
F12	API #2	LR5226
G1	API #3	LR5227
G5	API #4	LR5228
G13	API #5	LR5229
H2	API #6	LR5230
H6	API #7	LR5250
H10	API #8	LR5251
H14	API #9	LR5252
S3	API #10	LR5253
S7	API #11	LR5254
S11	API #12	LR5255
F4	API #1	G5225
F14	API #2	G5226
G3	API #3	G5227
G11	API #4	G5228
G15	API #5	G5229
H4	API #6	G5230
H8	API #7	G5250
H12	API #8	G5251
S1	API #9	G5252
S5	API #10	G5253
S9	API #11	G5254
S13	API #12	G5255
S15	LAC	LD6450
T2	LCA	LD6451
T4	LDS	LD6452
T6	LSC	LD6453
T8	1J1-B4 THRU 1J5-B4	
T10	RC1	LD6454
T12	RC2	LD6455
T14	RFA	LD6456
U1	OFA	LD6457
U3	PRC	LD6458
U5	GCI	LD6459
U7	1J1-G11 THRU 1J5-G11	
U9	GC2	LD6460
U11	1J1-G13 THRU 1J5-G13	
U12	GC3	LD6461
U15	1J1-S15 THRU 1J5-S15	
E5	TCI <sub>1</sub>	G7719
E11	TCI <sub>2</sub>	G7739
E13	TCI <sub>3</sub>	G7759
E15	TCI <sub>4</sub>	G7779
D6	NC	
D8	NC	
D10	NC	
D12	NC	
D14	NC	
E1	NC	
E3	NC	

REDUCED SIZE  
PRINT  
DO NOT SCALE

REVISIONS TO: PRINTS TO: K8-11

PROCESS COMP. PHOENIX  
43C979000  
AUG 28, 1963  
AUG 28, 1963

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING:

APPLIED PRACTICES	SURFACES	FUNCTIONS	TOLERANCES ON ANGLES	FINISHES	SCALE
	✓	+	+	+	+

FINITE CONNECTOR  
CRI 110  
FIRST MADE FOR  
FCE 4WC412B1-01

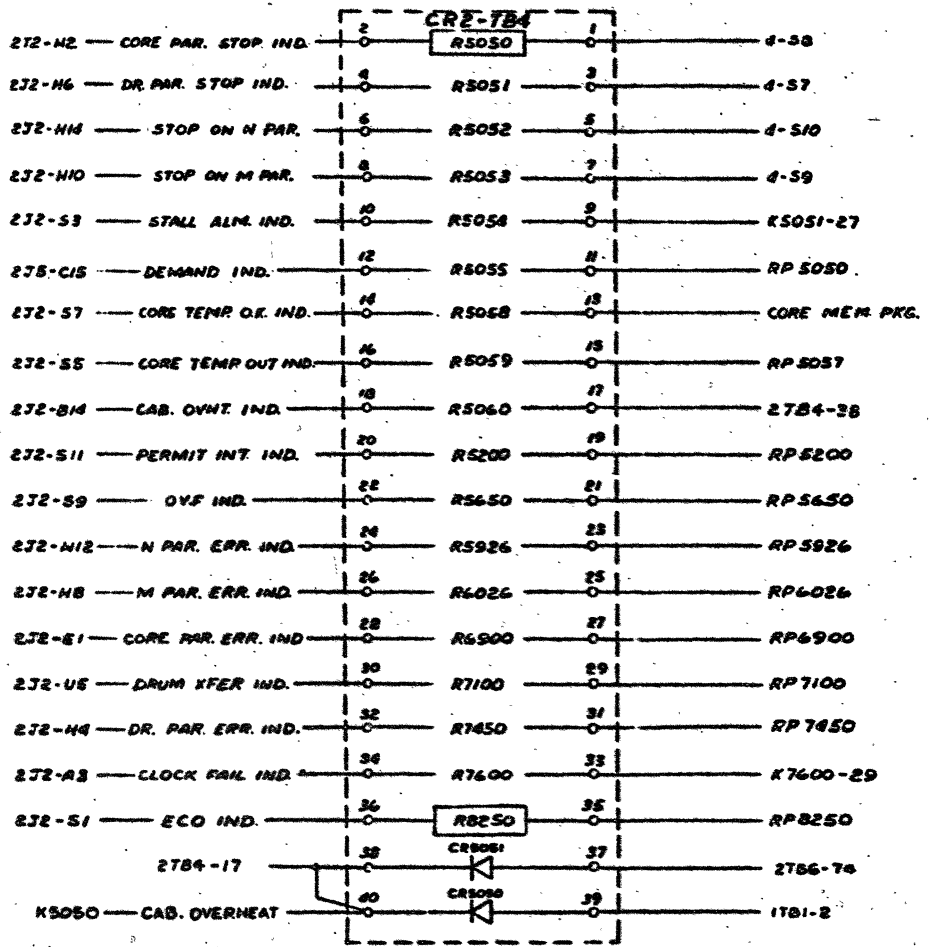
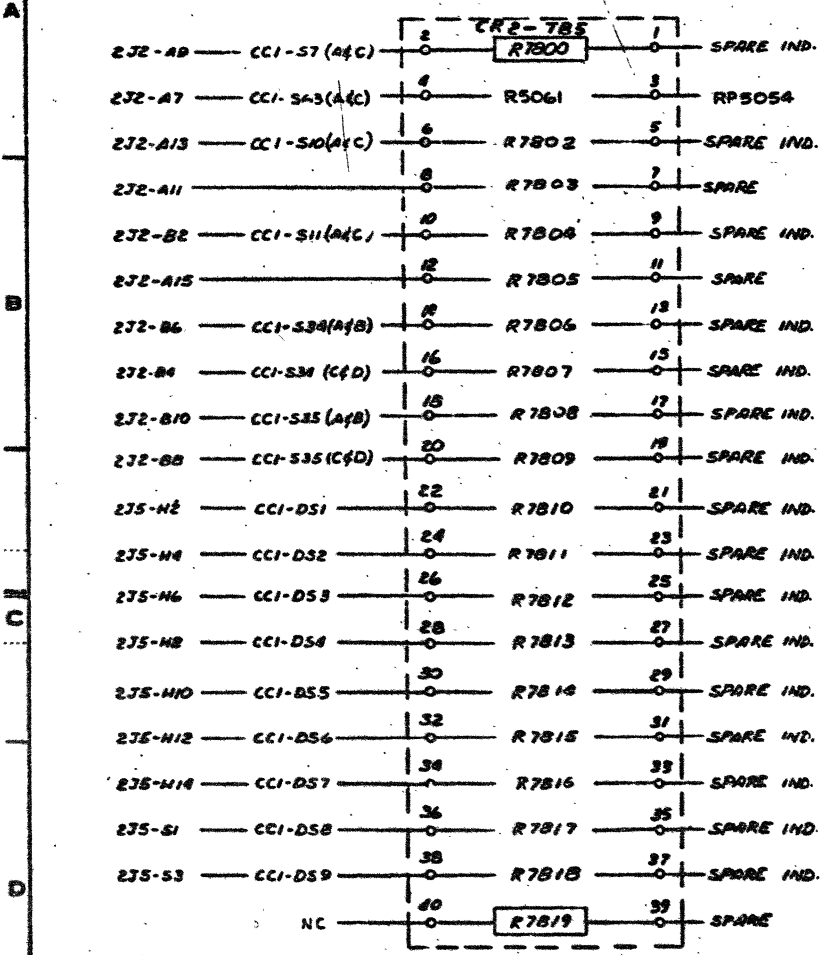
CONT. ON SHEET 159 OF 1561



UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING --

APPLIED PRACTICES	SURFACES	TOLERANCES ON DIMENSIONS
	✓	FRAC. DEC. ANGLES

TITLE **TERMINAL BOARDS**  
**2TB4 & 2TB5**  
FIRST MADE FOR



**2TB5**

**2TB4**

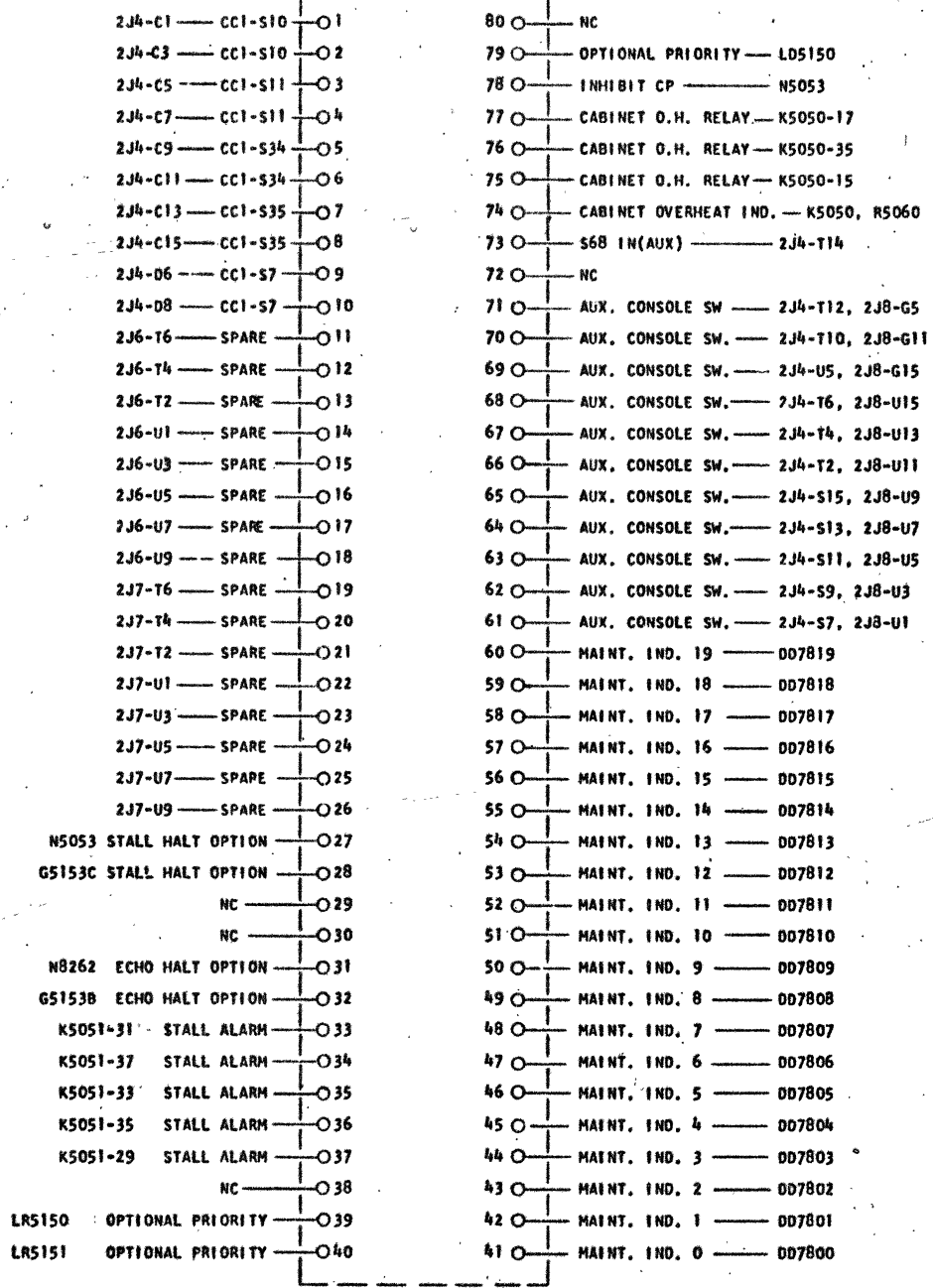
REDUCED SIZE  
PRINT  
DO NOT SCALE

NOTE:  
FOR SYSTEM JUMPERS ON THIS  
TERMINAL BOARD, REFER TO  
SYSTEM CONNECTORS AND  
TERMINAL BOARD LAYOUT  
DRAWING.

REVISIONS	PRINTS TO
	K8-17 5/68

Drawn by Vincent Bianco MAR. 6, 63  
Checked by [Signature] 2-24-63

PROCESS COMPUTER  
PHOENIX  
43C979000  
PRINT ON SHEET 160 OF 159



NOTE: 1. FOR ACTUAL PHYSICAL LAYOUT OF THIS TERMINAL BOARD SEE ASSEMBLY DRAWING 43A972053.

2. FOR SYSTEM JUMPERS ON THIS TERMINAL BOARD, REFER TO SYSTEM "CONNECTOR AND TERMINAL BOARD LAYOUT DRAWING."

REDUCED SIZE  
PRINT  
DO NOT SCALE

RE 914.914  
VINCENT BIANCO MAR 6 63  
G KRISTOF  
4-24-63  
PROC COMPUTER  
PHOENIX  
43C9790000  
61

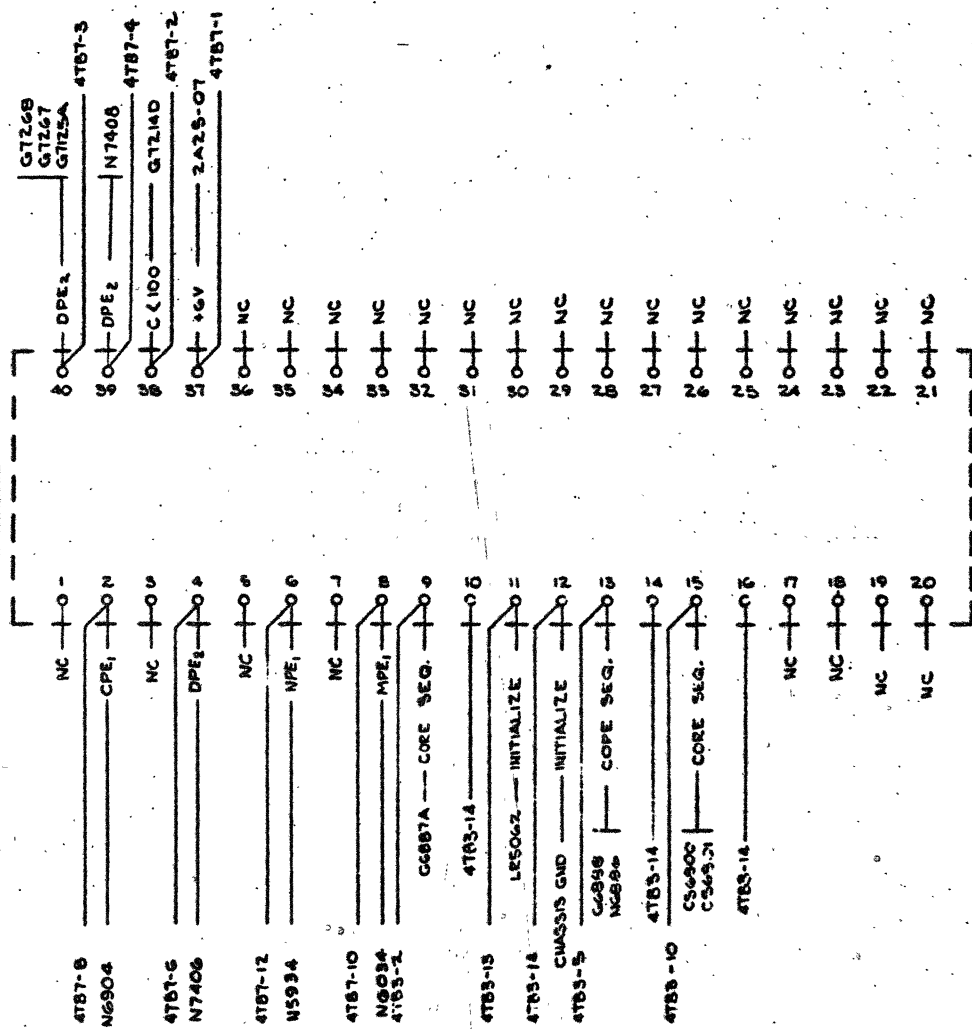
REVISIONS  
PRINTS TO  
R KB-17 S/RP

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING:  
APPLIED PRACTICES SURFACES  
TOLERANCES UNLESS OTHERWISE SPECIFIED  
FIRST MADE FOR  
TITLE TERMINAL BOARD  
2TB6  
161

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING -			
APPLIED PRACTICES	SURFACES	TOLERANCES ON DIMENSIONS	
	✓	FRACTIONAL	DECIMAL
		±	±

TITLE TERMINAL BOARD  
 2TB7  
 FIRST MADE FOR

2TB7



NOTE:  
 FOR ACTUAL PHYSICAL LAYOUT OF THIS TERMINAL BOARD, SEE ASSEMBLY DRAWING 43A112469.

REDUCED SIZE PRINT  
 DO NOT SCALE

REVISIONS	PRINTS TO
	KB-17 3/8P

Checked by Vincent Bianco M.E. 6/63  
 DATE April 20 1963

PROCESS COMPUTER  
 PHOENIX

43C979000  
 (COPY OF DRAWING 162 OF 161)

CR2-32		
A3	CLOCK FAIL IND	R7600
A7	SPARE IND (CC1-S7)	R7801
A9	SPARE IND (CC1-S7)	R7800
A11	SPARE IND (CC1-S10)	R7803
A13	SPARE IND (CC1-S10)	R7802
A15	SPARE IND (CC1-S11)	R7805
B2	SPARE IND (CC1-S11)	R7804
B4	SPARE IND (CC1-S34)	R7807
B6	SPARE IND (CC1-S34)	R7806
B8	SPARE IND (CC1-S35)	R7809
B10	SPARE IND (CC1-S35)	R7808
C1	PI1 IND	DD5390
C3	PI2 IND	DD5391
C5	PI3 IND	DD5392
C7	AMP IND	DD5320
C9	AMP IND	DD5321
C11	AMI IND	DD5340
C13	G1S IND	DD5341
C15	OE2 IND	DD5360
D2	OE3 IND	DD5380
D4	OE4 IND	DD5381
D6	OE5 IND	DD5382
D8	EOO IND	DD5300
D10	SPARE	
D12	FR3 IND	DD5152
D14	PR4 IND	DD5153
S13	PPI IND	DD5150
S15	PR2 IND	DD5151
E1	CORE PARITY ERROR IND	R6900
H2	CORE PARITY STOP IND	R5050
H4	DRUM PARITY ERROR IND	R7450
H6	DRUM PARITY STOP IND	R5051
H8	M PARITY ERROR IND	R6026
H10	STOP ON M PARITY	R5053
H12	N PARITY ERROR IND	R5926
H14	STOP ON N PARITY	R5052
B14	CABINET OVERHEAT IND	R5060
S1	ECC IND	R8250
S3	STALL ALARM IND	R5054
S5	CORE TEMP OUT IND	R5059
S7	CORE TEMP OK IND	R5058
S9	OVF. IND	R5650
S11	PERMIT INT IND	R5200
U5	DRUM XFER IND	R7100
E13	CABLE SHIELD	CHASSIS GND.
U7	SPARE	
U9	SPARE	
U11	SPARE	
U13	SPARE	
U15	SPARE	
B12	SPARE	
T2	SPARE	
T4	SPARE	
T6	SPARE	
T10	SPARE	
T12	SPARE	
T14	SPARE	
U1	SPARE	
U3	SPARE	
A5	SPARE	
E3	SPARE	
E5	NC	
E11	NC	
T8	NC	
E15	NC	
F2	NC	
F4	NC	
F12	NC	
F14	NC	
G1	NC	
G3	NC	
G5	NC	
G11	NC	
G13	NC	
G15	NC	

CR2-31		
A3	A0 IND	F5400
A5	A1 IND	F5401
A7	A2 IND	F5402
A9	A3 IND	F5403
A11	A4 IND	F5404
A13	A5 IND	F5405
A15	A6 IND	F5406
B2	A7 IND	F5407
B4	A8 IND	F5408
B6	A9 IND	F5409
B8	A10 IND	F5410
B10	A11 IND	F5411
B12	A12 IND	F5412
B14	A13 IND	F5413
C1	A14 IND	F5414
C3	A15 IND	F5415
C5	A16 IND	F5416
C7	A17 IND	F5417
C9	A18 IND	F5418
C11	A19 IND	F5419
C13	I0 IND	DD6200
C15	I1 IND	DD6201
D2	I2 IND	DD6202
D4	I3 IND	DD6203
D6	I4 IND	DD6204
D8	I5 IND	DD6205
D10	I6 IND	DD6206
D12	I7 IND	DD6226
D14	I8 IND	DD6227
E1	I9 IND	DD6228
H2	I10 IND	DD6229
H4	I11 IND	DD6230
H6	I12 IND	DD6231
H8	I13 IND	DD6232
H10	I14 IND	DD6233
H12	I15 IND	DD6250
H14	I16 IND	DD6251
S1	I17 IND	DD6252
S3	I18 IND	DD6253
S5	I19 IND	DD6254
T4	P7 IND	DD6100
T6	P8 IND	DD6101
T10	P9 IND	DD6102
T12	P10 IND	DD6103
T14	P11 IND	DD6104
U1	P12 IND	DD6105
U3	P13 IND	DD6106
U5	P14 IND	DD6107
U7	P15 IND	DD6108
U9	P16 IND	DD6109
U11	P17 IND	DD6110
U13	P18 IND	DD6111
U15	P19 IND	DD6112
E13	CABLE SHIELD	CHASSIS GND
S7	P6 IND	DD6113
S9	I6X IND	DD6207
S11	SPARE	
S13	SPARE	
S15	SPARE	
T7	SPARE	
E3	SPARE	
E5	NC	
E11	NC	
T8	NC	
E15	NC	
F2	NC	
F4	NC	
F12	NC	
F14	NC	
G1	NC	
G3	NC	
G5	NC	
G11	NC	
G13	NC	
G15	NC	

REDUCED SIZE  
PRINT  
DO NOT SCALE

REVISIONS  
R 108-17  
PRINTS TO

CR2-32

CR2-31

RECEIVED BLANCO VALLE  
G. KRISTON  
4-24-63  
PROC. COMPUTER  
PHOENIX  
43C979000  
MAY 1963

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING -  
APPROVED PRACTICES SURFACES  
INTERFERENCE TO NEIGHBORING CONNECTIONS  
FIRST MADE FOR

GENERAL ELECTRIC  
TYPE CONNECTORS  
2 J1 & 2 J2  
43C979000  
MAY 1963

CR2-J4

H2	CA (SEL.SW)	D7809
H4	C2 (SEL.SW)	D7808
H6	C1 (SEL.SW)	D7807
H8	W (SEL.SW)	D7806
H10	DA (SEL.SW)	D7805
H12	PI (SEL.SW)	D7804
HM	M/N (SEL.SW)	D7803
S1	Z (SEL.SW)	D7802
S3	B (SEL.SW)	D7801
S5	Q (SEL.SW)	D7800
T14	AUX (SEL.SW)	2TB6-73
S7	567-2	2TB6-61
S9	567-3	2TB6-62
S11	567-4	2TB6-63
S13	567-5	2TB6-64
S15	567-6	2TB6-65
T2	567-7	2TB6-66
T4	567-8	2TB6-67
T6	567-9	2TB6-68
U5	567-10	2TB6-69
T10	567-11	2TB6-70
T12	567-12	2TB6-71
D2	SPARE	
D4	SPARE	
C1	CCI-S10	2TB6-1
C3	CCI-S10	2TB6-2
C5	CCI-S11	2TB6-3
C7	CCI-S11	2TB6-4
C9	CCI-S34	2TB6-5
C11	CCI-S34	2TB6-6
C13	CCI-S35	2TB6-7
C15	CCI-S35	2TB6-8
D6	CCI-S7	2TB6-9
D8	CCI-S7	2TB6-10
A3	CORE PARITY ERROR SW	LR6000
A7	CLEAR DRUM PARITY SW	LR7450
A11	CLEAR M PARITY SW	LR6027
A15	CLEAR ECO SW	LR8250
B2	CLEAR N PARITY SW	LR5927
B6	RESET STALL ALARM SW	LR5057
B10	CORE TEMP SW	LR5058
U9	-18V	4TB6-11
U11	-18V	4TB6-11
U13	LOGIC GND	4TB2-3
U15	LOGIC GND	4TB2-8
U1	POWER OFF	4TB3-1
U3	POWER OFF	PS1TB2-09
A5	SPARE	
A9	SPARE	
A13	SPARE	
B4	SPARE	
B8	FAIL SAFE INT.	LR5061
B12	DEMAND SW.	LR5055
B14	DEMAND SW.	LR5060
D10	SPARE	
D12	SPARE	
U4	SPARE	
E1	SPARE	
E3	SPARE	
E5	SPARE	
E13	CABLE SHIELD - CHASSIS GND.	
T8	NC	
E15	NC	
F2	NC	
F4	NC	
F12	NC	
F14	NC	
G1	NC	
G3	NC	
G5	NC	
G11	NC	
G13	NC	
G15	NC	
E11	NC	
U7	NC	

CR2-J4

CR2-J3

A3	A0 PUSHBUTTON SW	LR5400
A7	A1 PUSHBUTTON SW	LR5401
A11	A2 PUSHBUTTON SW	LR5402
A15	A3 PUSHBUTTON SW	LR5403
B4	A4 PUSHBUTTON SW	LR5404
B8	A5 PUSHBUTTON SW	LR5405
D12	A6 PUSHBUTTON SW	LR5406
C1	A7 PUSHBUTTON SW	LR5407
C5	A8 PUSHBUTTON SW	LR5408
C9	A9 PUSHBUTTON SW	LR5409
C13	A10 PUSHBUTTON SW	LR5410
D2	A11 PUSHBUTTON SW	LR5411
D6	A12 PUSHBUTTON SW	LR5412
D10	A13 PUSHBUTTON SW	LR5413
D14	A14 PUSHBUTTON SW	LR5414
H2	A15 PUSHBUTTON SW	LR5415
H6	A16 PUSHBUTTON SW	LR5416
H10	A17 PUSHBUTTON SW	LR5417
H14	A18 PUSHBUTTON SW	LR5418
S3	A19 PUSHBUTTON SW	LR5419
A5	A0 TOGGLE SW	LR5200
A9	A1 TOGGLE SW	LR5202
A13	A2 TOGGLE SW	LR5204
B2	A3 TOGGLE SW	LR5206
B6	A4 TOGGLE SW	LR5208
B10	A5 TOGGLE SW	LR5212
B14	A6 TOGGLE SW	LR5214
C3	A7 TOGGLE SW	LR5216
C7	A8 TOGGLE SW	LR5218
C11	A9 TOGGLE SW	LR5214
C15	A10 TOGGLE SW	LR5250
D4	A11 TOGGLE SW	LR5254
D8	A12 TOGGLE SW	LR5262
D12	A13 TOGGLE SW	LR5266
E1	A14 TOGGLE SW	LR5270
H4	A15 TOGGLE SW	LR5274
H8	A16 TOGGLE SW	LR5282
H12	A17 TOGGLE SW	LR5286
S1	A18 TOGGLE SW	LR5290
S5	A19 TOGGLE SW	LR5294
E3	CLEAR A SW	LR5430
T2	STEP SW	LR5052
T4	STEP SW	LR5051
T6	INST/WD SW	LR5053
T14	INST/WD SW	LR5054
T10	SAVE P SW	LR6100
T12	SAVE I SW	LR6275
U3	A → I SW	LR6276
U5	XAQ SW	LR5550
U7	XAQ SW	LR5551
U9	DRUM XFER SW	LR7100
U11	SPARE	
U13	HOLD STALL ALARM	LR5050
E13	CABLE SHIELD - CHASSIS GND.	
S9	SPARE	
S11	SPARE	
S13	SPARE	
S15	SPARE	
S7	SPARE	
U1	SPARE	
E5	SPARE	
E11	NC	
T8	NC	
E15	NC	
F2	NC	
F4	NC	
F12	NC	
F14	NC	
G1	NC	
G3	NC	
G5	NC	
G11	NC	
G13	NC	
G15	NC	
U15	NC	

CR2-J3

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UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING:  
 APPLIED PRACTICES  
 SUBJECTS  
 MATERIALS  
 FINISHES  
 DIMENSIONS  
 TOLERANCES  
 TYPICAL VALUES

GENERAL ELECTRIC  
 FILE CONNECTORS  
 23342J4  
 43C979000  
 194-10-163

REVISIONS

NO.	DATE	DESCRIPTION

PRINTS TO  
 KE-111 5/86

PROCESS CONTROLLER  
 43C979000  
 194-10-163

CR2-J6

C1	SET A <sub>0</sub>	LR5801C
C3	SET A <sub>1</sub>	LR5803C
C5	SET A <sub>2</sub>	LR5805C
C7	SET A <sub>3</sub>	LR5807C
C9	SET A <sub>4</sub>	LR5821C
C11	SET A <sub>5</sub>	LR5823C
C13	SET A <sub>6</sub>	LR5825C
C15	SET A <sub>7</sub>	LR5827C
A3	SET A <sub>8</sub>	LR5843C
A5	SET A <sub>9</sub>	LR5847C
A7	SET A <sub>10</sub>	LR5851C
A9	SET A <sub>11</sub>	LR5855C
A11	SET A <sub>12</sub>	LR5863C
A13	SET A <sub>13</sub>	LR5867C
A15	SET A <sub>14</sub>	LR5871C
B14	SET A <sub>15</sub>	LR5875C
B12	SET A <sub>16</sub>	LR5883C
B10	SET A <sub>17</sub>	LR5887C
B8	SET A <sub>18</sub>	LR5891C
B6	SET A <sub>19</sub>	LR5895C
E13	RDG 10	DB5800
E11	RDG 20	DB5800
D14	RDG 30	DB5800
D12	RDG 40	DB5800
D10	RDG 50	DB5800
D8	RDG 60	DB5800
D6	RDG 70	DB5800
D4	RDG 80	DB5800
D2	RDG 90	DB5800
E1	RDG1	DB5820
E3	RDG2	DB5820
E5	RDG3	DB5820
F2	RDG4	DB5820
F4	RDG5	DB5820
G1	RDG6	DB5820
G3	RDG7	DB5820
G5	RDG8	DB5820
G11	RDG9	DB5820
H4	BRANCH 1	LR6128
H2	BRANCH 2	LR6129
S1	BRANCH 3	LR6130
S11	BRANCH 4	LR6131
S9	BRANCH 7	LR6134
S3	BRANCH 8	LR6135
S13	BRANCH RESET 1	LD6160
S15	BRANCH RESET 2	LD6161
T18	BRANCH RESET 3	LD6162
T12	BRANCH RESET 4	LD6163
F18	CABINET ON	KB050, RS060
E13	CABLE SHIELD	- CHASSIS GND.
T6	SPARE	2TB6-11
T4	SPARE	2TB6-12
T2	SPARE	2TB6-13
U1	SPARE	2TB6-14
U3	SPARE	2TB6-15
U5	SPARE	2TB6-16
U7	SPARE	2TB6-17
U9	SPARE	2TB6-18
S5	CHASSIS GND. (BR1)	
S7	CHASSIS GND. (BR2)	
B2	NC	
B4	NC	
U13	NC	
T8	NC	
U11	NC	
G13	NC	
G15	NC	
H6	CHASSIS GND. (BR1)	
H8	CHASSIS GND. (BR2)	
H10	CHASSIS GND. (BR1)	
H12	CHASSIS GND. (BR2)	
H14	NC	
T10	NC	
U15	NC	
F12	NC	

CR2-J6

CR2-J5

A3	MAINT. IND. 0	DD7800
A5	MAINT. IND. 1	DD7801
A7	MAINT. IND. 2	DD7802
A9	MAINT. IND. 3	DD7803
A11	MAINT. IND. 4	DD7804
A13	MAINT. IND. 5	DD7805
A15	MAINT. IND. 6	DD7806
B2	MAINT. IND. 7	DD7807
B4	MAINT. IND. 8	DD7808
B6	MAINT. IND. 9	DD7809
B8	MAINT. IND. 10	DD7810
B10	MAINT. IND. 11	DD7811
B12	MAINT. IND. 12	DD7812
B14	MAINT. IND. 13	DD7813
C1	MAINT. IND. 14	DD7814
C3	MAINT. IND. 15	DD7815
C5	MAINT. IND. 16	DD7816
C7	MAINT. IND. 17	DD7817
C9	MAINT. IND. 18	DD7818
C11	MAINT. IND. 19	DD7819
H2	SPARE IND. CCI-DS1	R7810
H4	SPARE IND. CCI-DS2	R7811
H6	SPARE IND. CCI-DS3	R7812
H8	SPARE IND. CCI-DS4	R7813
H10	SPARE IND. CCI-DS5	R7814
H12	SPARE IND. CCI-DS6	R7815
H14	SPARE IND. CCI-DS7	R7816
S1	SPARE IND. CCI-DS8	R7817
S3	SPARE IND. CCI-DS9	R7818
S5	SPARE	
C13	DC ON	4TB3-6
C15	DEMAND IND.	R8055
D2	SPARE	
D4	SPARE	
D6	SPARE	
D8	SPARE	
D10	SPARE	
D12	SPARE	
D14	SPARE	
E1	SPARE	
E3	CABLE SHIELD	- CHASSIS GND.
E5	NC	
E11	NC	
T8	NC	
E15	NC	
F2	NC	
F4	NC	
F12	NC	
F14	NC	
G1	NC	
G3	NC	
G5	NC	
G11	NC	
G13	NC	
G15	NC	
S7	NC	
S9	NC	
S11	NC	
S13	NC	
S15	NC	
T2	NC	
T4	NC	
T6	NC	
E3	NC	
T10	NC	
T12	NC	
T14	NC	
U1	NC	
U3	NC	
U5	NC	
U7	NC	
U9	NC	
U11	NC	
U13	NC	
U15	NC	

CR2-J5

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REVISIONS

DATE

APPROVED BY

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING:  
APPROVED PRACTICES  
SPECIFICATIONS  
MATERIALS  
METHODS  
TEST PROCEDURE

GENERAL ELECTRIC  
WIRE CONNECTORS

2J5 & 2J6

43C979000  
REV. 10/55

43C979000  
PROCESS COMPUTER  
PRO ENIX  
43C979000

CR2-J7

C1	SET A <sub>1</sub>	LR5801D
C3	SET A <sub>2</sub>	LR5803D
C5	SET A <sub>3</sub>	LR5805D
C7	SET A <sub>4</sub>	LR5807D
C9	SET A <sub>5</sub>	LR5821D
C11	SET A <sub>6</sub>	LR5823D
C13	SET A <sub>7</sub>	LR5825D
C15	SET A <sub>8</sub>	LR5827D
A3	SET A <sub>9</sub>	LR5843D
A5	SET A <sub>10</sub>	LR5847D
A7	SET A <sub>11</sub>	LR5851D
A9	SET A <sub>12</sub>	LR5855D
A11	SET A <sub>13</sub>	LR5863D
A13	SET A <sub>14</sub>	LR5867D
A15	SET A <sub>15</sub>	LR5871D
B14	SET A <sub>16</sub>	LR5875D
B12	SET A <sub>17</sub>	LR5883D
B10	SET A <sub>18</sub>	LR5887D
B8	SET A <sub>19</sub>	LR5891D
B6	SET A <sub>20</sub>	LR5895D
E18	RDG 10	DB5800
E11	RDG 20	DB5800
D14	RDG 30	DB5800
D12	RDG 40	DB5800
D10	RDG 50	DB5800
D8	RDG 60	DB5800
D6	RDG 70	DB5800
D4	RDG 80	DB5800
D2	RDG 90	DB5800
E1	RDG 1	DB5820
E3	RDG 2	DB5820
E5	RDG 3	DB5820
F2	RDG 4	DB5820
F4	RDG 5	DB5820
G1	RDG 6	DB5820
G3	RDG 7	DB5820
G5	RDG 8	DB5820
G11	RDG 9	DB5820
H4	BRANCH 1	LR6128
H2	BRANCH 2	LR6129
S1	BRANCH 3	LR6130
S11	BRANCH 4	LR6131
S5	CHASSIS GND. (BR1)	
S7	CHASSIS GND. (BR2)	
S9	BRANCH 7	LR6134
S3	BRANCH 8	LR6135
S13	BRANCH RESET 1	LD6160
S15	BRANCH RESET 2	LD6161
T14	BRANCH RESET 3	LD6162
T12	BRANCH RESET 4	LD6163
F14	CABINET O.H.	KS080, R5060
E13	CABLE SHIELD	CHASSIS GND.
T6	SPARE	2TB6-17
T4	SPARE	2TB6-20
T2	SPARE	2TB6-21
U1	SPARE	2TB6-22
U3	SPARE	2TB6-23
U5	SPARE	2TB6-24
U7	SPARE	2TB6-25
U9	SPARE	2TB6-26
B2	NC	
B4	NC	
U13	NC	
T8	NC	
U11	NC	
G13	NC	
G15	NC	
H6	CHASSIS GND. (BR1)	
H8	CHASSIS GND. (BR2)	
H10	CHASSIS GND. (BR3)	
H12	CHASSIS GND. (BR4)	
H14	NC	
T10	NC	
U15	NC	
F12	NC	

CR2-J7

CR2-J8

U1	S67-2	2TB6-61
U3	S67-3	2TB6-62
U5	S67-4	2TB6-63
U7	S67-5	2TB6-64
U9	S67-6	2TB6-65
U11	S67-7	2TB6-66
U13	S67-8	2TB6-67
U15	S67-9	2TB6-68
G15	S67-10	2TB6-69
G11	S67-11	2TB6-70
G5	S67-12	2TB6-71
A3	MAINT. IND. 0	DD7800
A5	MAINT. IND. 1	DD7801
A7	MAINT. IND. 2	DD7802
A9	MAINT. IND. 3	DD7803
A11	MAINT. IND. 4	DD7804
A13	MAINT. IND. 5	DD7805
A15	MAINT. IND. 6	DD7806
B14	MAINT. IND. 7	DD7807
B12	MAINT. IND. 8	DD7808
B10	MAINT. IND. 9	DD7809
B8	MAINT. IND. 10	DD7810
B6	MAINT. IND. 11	DD7811
B4	MAINT. IND. 12	DD7812
B2	MAINT. IND. 13	DD7813
C1	MAINT. IND. 14	DD7814
C3	MAINT. IND. 15	DD7815
C5	MAINT. IND. 16	DD7816
C7	MAINT. IND. 17	DD7817
C9	MAINT. IND. 18	DD7818
C11	MAINT. IND. 19	DD7819
E13	CABLE SHIELD	CHASSIS GND.
C13	NC	
C15	NC	
D2	NC	
D4	NC	
D6	NC	
D8	NC	
D10	NC	
D12	NC	
D14	NC	
E1	NC	
E3	NC	
E5	NC	
E11	NC	
E13	NC	
F2	NC	
F4	NC	
F12	NC	
F16	NC	
G1	NC	
G3	NC	
G13	NC	
H2	NC	
H4	NC	
H6	NC	
H8	NC	
H10	NC	
H12	NC	
H14	NC	
S1	NC	
S3	NC	
S5	NC	
S7	NC	
S9	NC	
S11	NC	
S13	NC	
S15	NC	
T2	NC	
T4	NC	
T6	NC	
T8	NC	
T10	NC	
T12	NC	
T14	NC	

CR2-J8

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REVISIONS  
BY: J1/Sae

43C979000  
PROCESS COMPUTER  
PAGE NINE

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING:  
APPROVED PRACTICES SURFACTS  
MIL CONNECTORS  
GENERAL ELECTRIC  
277 & 278  
43C979000  
166

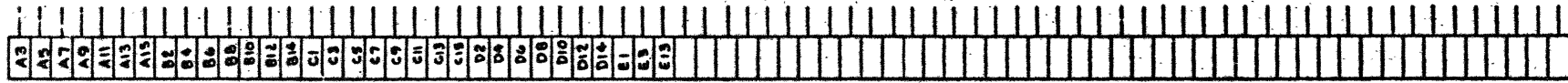
UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING --			
APPLIED PRACTICES	SURFACES	TOLERANCES UNLESS OTHERWISE SPECIFIED	
	✓	FRACTIONS	DECIMALS
		•	•
		•	•

TITLE CONNECTOR

ZJ9

FIRST MADE FOR

CRZ-J9



THESE PINS MAY BE USED  
 WITH OPTION 43C974782  
 TITLE: DIGITAL CLOCK  
 REMOTE DISPLAY

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REVISIONS	PRINTS TO
	43B-17 3/8P



NOTE:  
3J1 - 100 PIN CONNECTOR

**CR3J1**

H12	XRS	PD8054
H14	XRS	PD8054
K2	XDS	PD8257
K4	XDS	PD8257
K14	XRA	PD8258
L15	XRA	PD8258
T4	NC	
T2	NC	
J1	XBS	PD8255
J3	XBS	PD8255
L11	XTE	PD8256
L13	XTE	PD8256
K6	XPC	PD8250
K8	XPC	PD8250
K10	XMS	PD8253
K12	XMS	PD8253
L7	PFO	PD8050
L9	PFO	PD8050
L3	PF1	PD8051
L5	PF1	PD8051
L1	PF2	PD8052
M2	PF2	PD8052
M4	PF3	PD8053
M6	PF3	PD8053
S5	NC	
S7	NC	
U13	CABLE SHIELD	CHASSIS GND
H2	NC	
H4	NC	
M8	NC	
M10	NC	
M12	NC	
M14	NC	
S9	NC	
S11	NC	
S13	NC	
S15	NC	
T6	NC	
T8	NC	
T10	NC	
T12	NC	
T14	NC	
U1	NC	
U3	NC	
U5	NC	
U7	NC	
U9	NC	
U11	NC	
S1	XPI	PD8259
S3	XPI	PD8259

**CR3J1**

E1	AB01	PD8001
F2	AB01	PD8001
G1	AB02	PD8002
G3	AB02	PD8002
G13	XC9	PD8000
G15	XC9	PD8000
J13	XPS	PD8055
J15	XPS	PD8055
A3	BU00	PD8100
A5	BU00	PD8100
A7	BU01	PD8101
A9	BU01	PD8101
A11	BU02	PD8102
A13	BU02	PD8102
A15	BU03	PD8103
B14	BU03	PD8103
B10	BU04	PD8104
B12	BU04	PD8104
B6	BU05	PD8105
B8	BU05	PD8105
B2	BU06	PD8106
B4	BU06	PD8106
C1	BU07	PD8107
C3	BU07	PD8107
C5	BU08	PD8108
C7	BU08	PD8108
C9	BU09	PD8109
C11	BU09	PD8109
C13	BU10	PD8110
C15	BU10	PD8110
D10	BU11	PD8111
D12	BU11	PD8111
D6	BU12	PD8112
D8	BU12	PD8112
D2	BU13	PD8113
D4	BU13	PD8113
E3	BU14	PD8114
E5	BU14	PD8114
E7	BU15	PD8115
E9	BU15	PD8115
E11	BU16	PD8116
E13	BU16	PD8116
D11	BU17	PD8117
E15	BU17	PD8117
F12	BU18	PD8118
F14	BU18	PD8118
F8	BU19	PD8119
F10	BU19	PD8119
F4	BU20	PD8120
F6	BU20	PD8120

CONTROLLER SELECTOR  
OPTION

UNIT'S DIMENSIONS SPECIFIED USE THE FOLLOWING -  
SURFACTS

APPLICABLE DIMENSIONS

✓

GENERAL ELECTRIC  
3J1

43C979000  
168

REDUCED SIZE  
PRINT  
DO NOT SCALE

REVISIONS

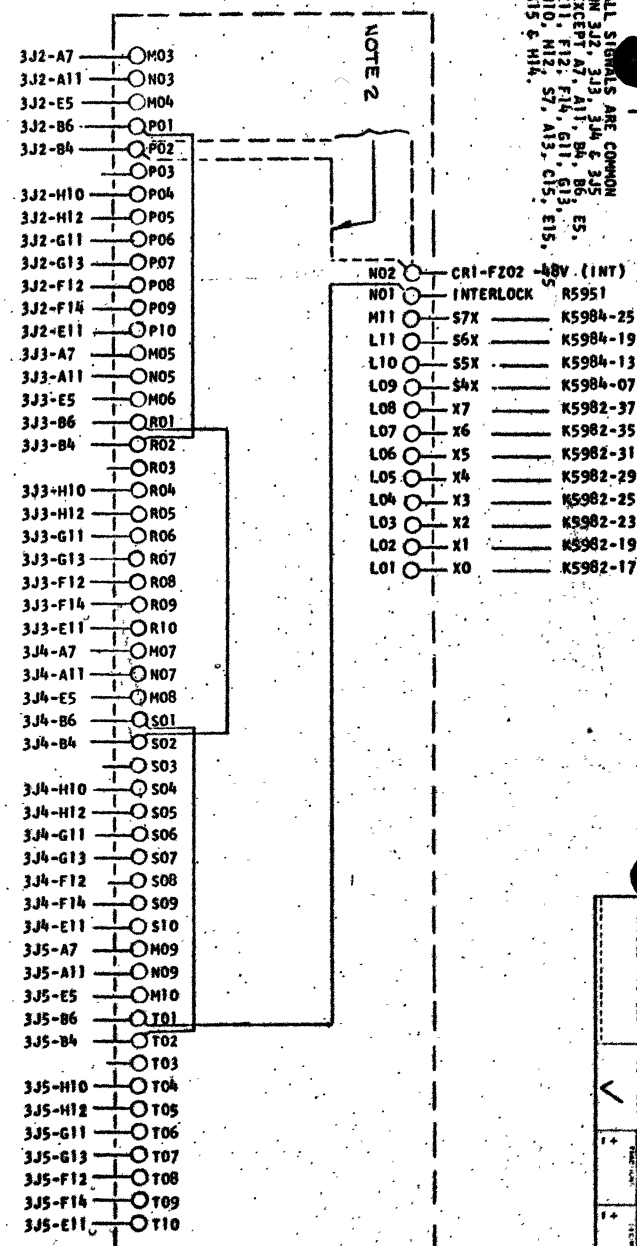
PRINTS TO

REV. 17/5/67

PROCESS COMPUTER  
PHONE NIX  
43C979000  
168

NOTE: ALL SIGNALS ARE COMMON EXCEPT AT 3J2, 3J4 & 3J5. E11, F12, F14, G11, G13, H10, H12, S7, A13, C15, E15, G15 & H14.

CRI-TB2



ONLY PINS ASSOCIATED WITH N REG. ON 17B2 ARE SHOWN.

CR3-J2

F2	RDR #1	LR5906
F4	RDR #2	LR5905
G1	RDR #3	LR5904
G3	RDR #4	LR5903
H2	RDR #5	LR5907
H4	RDR #6	LR5902
S1	RDR #7	LR5901
S3	RDR #8	LR5900
S5	RDR CLUTCH	RP5992
G5	RD SY CM	LR5926
T14	CHANNEL #1	RP5982
U13	CHANNEL RETURN #1	2TB3-5
T12	CHANNEL #2	RP5981
U11	CHANNEL RETURN #2	2TB3-5
T10	CHANNEL #3	RP5980
U9	CHANNEL RETURN #3	2TB3-5
T8	CHANNEL #4	RP5979
U7	CHANNEL RETURN #4	2TB3-5
S15	CHANNEL #5	RP5988
U15	CHANNEL RETURN #5	2TB3-5
T6	CHANNEL #6	RP5978
U5	CHANNEL RETURN #6	2TB3-5
T4	CHANNEL #7	RP5977
U3	CHANNEL RETURN #7	2TB3-5
T2	CHANNEL #8	RP5976
U1	CHANNEL RETURN #8	2TB3-5
S13	PUNCH CLUTCH	RP5984
S11	PCH CLUTCH RETURN	2TB3-5
B10	DX	K5979-17
B12	1X	K5979-19
B14	2X	K5979-23
C1	3X	K5979-25
C3	4X	K5984-05
C5	5X	K5984-11
C7	6X	K5984-17
C9	7X	K5984-23
D2	X0	K5982-17
D4	X1	K5982-19
D6	X2	K5982-23
D8	X3	K5982-25
D10	X4	K5982-29
D12	X5	K5982-31
D14	X6	K5982-35
E1	X7	K5982-37
C11	CARR. RET.	K5976-03
A9	SEL. #1 (+)	K5982-17
A13	SEL. #2 (-)	K5984-07
C13	SEL. PCH. SLAVE (+)	K5984-07
C15	SEL. PCH. SLAVE (-)	K5984-07
A7	SEL. TYP. SLAVE (+)	1TB2-M3
A11	SEL. TYP. SLAVE (-)	1TB2-M3
E5	TYP. OFF LINE	1TB2-M4
E15	S5X	K5984-13
G15	S6X	K5984-19
H14	S7X	K5984-25
S9	FPO	LR5976
H8	MAG. SYNC	LR5953
B8	SPO	LR5952
B6	INTERLOCK	1TB2-P1
B4	-48V (INT)	1TB2-P2
H6	HI SPEED INT.	LR5951
A15	J80	R5952
A3	COMMON OFF	K5985-07
E13	CABLE SHIELD	CHASSIS GND.
B2	-48V	4TB6-9
A5	(+)48V	4TB6-10
E3	-18V	4TB6-3
S7	READ	LR5978
H10	SPARE #1	1TB2-P4
H12	SPARE #2	1TB2-P5
G11	SPARE #3	1TB2-P6
G13	SPARE #4	1TB2-P7
F12	SPARE #5	1TB2-P8
F14	SPARE #6	1TB2-P9
E11	SPARE #7	1TB2-P10

NOTE:  
1. FOR SYSTEM JUMPERS ON THIS TERMINAL BOARD, REFER TO SYSTEM CONNECTOR AND TERMINAL BOARD LAYOUT DRAWING.  
2. A SELECTRIC TYPEWRITER TRANSLATOR OPTION MAY BE CONNECTED TO THESE POINTS. REFER TO COMPUTER MODEL LIST TO DETERMINE IF THIS OPTION IS USED TO REFER TO ASM 4397423 (MECH) & 4397423 (ELEC) OR 4397423 (MECH) & 4397423 (ELEC) (WIRE LIST).

REDUCED SIZE  
PRINT  
DO NOT SCALE

RE: V. BLANCO-MAR 6-63  
4-24-63  
PROC. CONTROLLER  
PHONE NO. 430979000  
430979000  
168

UNIT: Connector, Standard, Int. Int. Following...  
GENERAL ELECTRIC  
3J2 & 1TB2  
979000  
169-168

CR3-J4

F2	RDR #1	LR5906
F4	RDR #2	LR5905
G1	RDR #3	LR5904
G3	RDR #4	LR5903
H2	RDR #5	LR5907
H4	RDR #6	LR5902
S1	RDR #7	LR5901
S3	RDR #8	LR5900
S5	RDR CLUTCH	RP5992
G5	RDR SY. CM.	LR5926
T14	CHANNEL #1	RP5982
U13	CHANNEL RETURN #1	2T83-5
T12	CHANNEL #2	RP5981
U11	CHANNEL RETURN #2	2T83-5
T10	CHANNEL #3	RP5980
U9	CHANNEL RETURN #3	2T83-5
T8	CHANNEL #4	RP5979
U7	CHANNEL RETURN #4	2T83-5
S15	CHANNEL #5	RP5983
U15	CHANNEL RETURN #5	2T83-5
T6	CHANNEL #6	RP5978
U5	CHANNEL RETURN #6	2T83-5
T4	CHANNEL #7	RP5977
U3	CHANNEL RETURN #7	2T83-5
T2	CHANNEL #8	RP5976
U1	CHANNEL RETURN #8	2T83-5
S13	PUNCH CLUTCH	RP5984
S11	PCH CLUTCH RETURN	2T83-5
B10	OX	K5979-17
B12	1X	K5979-19
B14	2X	K5979-23
C1	3X	K5979-25
C3	4X	K5984-05
C5	5X	K5984-11
C7	6X	K5984-17
C9	7X	K5984-23
D2	X0	K5982-17
D4	X1	K5982-19
D6	X2	K5982-23
D8	X3	K5982-25
D10	X4	K5982-29
D12	X5	K5982-31
D14	X6	K5982-35
E1	X7	K5982-37
C11	CARR. RET.	K5976-03
A9	SEL. #1 (+)	K5982-17
A13	SEL. #2 (-)	K5984-19
C13	SEL PUNCH SLAVE (+)	K5982-19
C15	SEL. PUNCH SLAVE (-)	K5984-19
A7	SEL TYPE SLAVE (+)	1T82-H7
A11	SEL. TYPE SLAVE (-)	1T82-N7
E5	TYP OFF LINE	1T82-M8
E15	S4X	K5984-07
G15	S5X	K5984-13
H14	S7X	K5984-25
S9	FPO	LR5976
H8	MAG. SYNC	LR5953
B8	SPO	LR5952
B6	INTERLOCK	1T82-S1
B4	-40V (INT)	1T82-S2
H6	HI SPEED INT.	LR5951
A15	JBO	R5952
A3	COMMON OFF	K5985-07
E13	CABLE SHIELD	CHASSIS GND
B2	-40V	4T86-9
A5	(+140V	4T86-10
E3	-18V	4T86-8
S7	READ	LR5978
H10	SPARE #1	1T82-S4
H12	SPARE #2	1T82-S5
G11	SPARE #3	1T82-S6
G13	SPARE #4	1T82-S7
F12	SPARE #5	1T82-S8
F14	SPARE #6	1T82-S9
E11	SPARE #7	1T82-S10

CR3-J3

F2	RDR #1	LR5906
F4	RDR #2	LR5905
G1	RDR #3	LR5904
G3	RDR #4	LR5903
H2	RDR #5	LR5907
H4	RDR #6	LR5902
S1	RDR #7	LR5901
S3	RDR #8	LR5900
S5	RDR CLUTCH	RP5992
G5	RDR SY. CM.	LR5926
T14	CHANNEL #1	RP5982
U13	CHANNEL RETURN #1	2T83-5
T12	CHANNEL #2	RP5981
U11	CHANNEL RETURN #2	2T83-5
T10	CHANNEL #3	RP5980
U9	CHANNEL RETURN #3	2T83-5
T8	CHANNEL #4	RP5979
U7	CHANNEL RETURN #4	2T83-5
S15	CHANNEL #5	RP5983
U15	CHANNEL RETURN #5	2T83-5
T6	CHANNEL #6	RP5978
U5	CHANNEL RETURN #6	2T83-5
T4	CHANNEL #7	RP5977
U3	CHANNEL RETURN #7	2T83-5
T2	CHANNEL #8	RP5976
U1	CHANNEL RETURN #8	2T83-5
S13	PUNCH CLUTCH	RP5984
S11	PCH CLUTCH RETURN	2T83-5
B10	OX	K5979-17
B12	1X	K5979-19
B14	2X	K5979-23
C1	3X	K5979-25
C3	4X	K5984-05
C5	5X	K5984-11
C7	6X	K5984-17
C9	7X	K5984-23
D2	X0	K5982-17
D4	X1	K5982-19
D6	X2	K5982-23
D8	X3	K5982-25
D10	X4	K5982-29
D12	X5	K5982-31
D14	X6	K5982-35
E1	X7	K5982-37
C11	CARR. RET.	K5976-03
A9	SEL. #1 (+)	K5982-17
A13	SEL. #2 (-)	K5984-13
C13	SEL PUNCH SLAVE (+)	K5982-19
C15	SEL. PUNCH SLAVE (-)	K5984-13
A7	SEL TYPE SLAVE (+)	1T82-M5
A11	SEL. TYPE SLAVE (-)	1T82-N5
E5	TYP OFF LINE	1T82-M6
E15	S4X	K5984-07
G15	S6X	K5984-19
H14	S7X	K5984-25
S9	FPO	LR5976
H8	MAG. SYNC	LR5953
B8	SPO	LR5952
B6	INTERLOCK	1T82-R1
B4	-40V (INT)	1T82-R2
H6	HI SPEED INT.	LR5951
A15	JBO	R5952
A3	COMMON OFF	K5985-07
E13	CABLE SHIELD	CHASSIS GND
B2	-40V	4T86-9
A5	(+140V	4T86-10
E3	-18V	4T86-8
S7	READ	LR5978
H10	SPARE #1	1T82-R4
H12	SPARE #2	1T82-R5
G11	SPARE #3	1T82-R6
G13	SPARE #4	1T82-R7
F12	SPARE #5	1T82-R8
F14	SPARE #6	1T82-R9
E11	SPARE #7	1T82-R10

REDUCED SIZE  
PRINT  
DO NOT SCALE

REVISIONS

REV	NO	DATE	BY	DESCRIPTION
1	Y			

RE 2/26/1966  
 V. BLANCO MAE G. L. S.  
 DESIGNED BY  
 43C979000  
 170

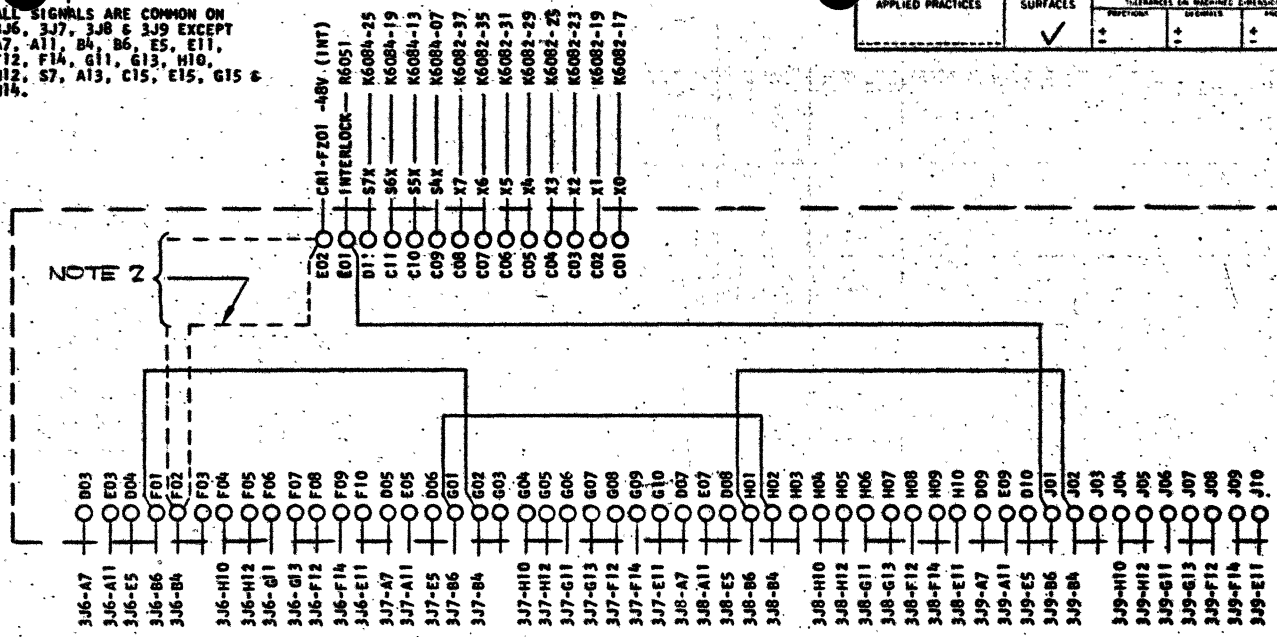
UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING -  
 GENERAL ELECTRIC  
 CONNECTORS  
 43C979000  
 170



UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING		
APPLIED PRACTICES	SURFACES	TOLERANCES ON MACHINE DIMENSIONS
	✓	FRACTIONAL DECIMALS ANGLES

FILE CONNECTOR TERM. BOARD  
**3J6 & 1TBZ**  
 FIRST MADE FOR

NOTE: ALL SIGNALS ARE COMMON ON 3J6, 3J7, 3J8 & 3J9 EXCEPT 47, A11, B4, B6, E5, E11, F12, F14, G11, G13, H10, H12, S7, A13, C15, E15, G15 & H16.



ONLY PINS ASSOCIATED WITH A REG. OR 1TBZ ARE SHOWN.

F2	RDR #1	LR6006	3J6-A7	003	E02	CBI-F201 -48V (INT)
F4	RDR #2	LR6005	3J6-A11	004	E01	INTERLOCK R6051
G1	RDR #3	LR6004	3J6-E5	003	D11	7X
G3	RDR #4	LR6003	3J6-B6	001	C11	96X
H2	RDR #5	LR6007	3J6-B4	002	F01	K608A-25
H4	RDR #6	LR6002	3J6-H10	004	F04	K608A-19
S1	RDR #7	LR6001	3J6-H12	005	F05	K608A-13
S3	RDR #8	LR6000	3J6-G1	006	F06	K608A-07
S5	RDR CLUTCH	RP6092	3J6-F12	008	F08	K6082-37
G5	RD SY CH	LR6026	3J6-F14	009	F09	K6082-35
T14	CHANNEL #1	RP6082L	3J6-E11	010	F10	K6082-31
U13	CHANNEL RETURN #1	2TB3-5	3J7-A7	005	F05	K6082-29
T12	CHANNEL #2	RP6081	3J7-A11	006	F06	K6082-25
U11	CHANNEL RET'RN #2	2TB3-5	3J7-E5	006	F06	K6082-23
T10	CHANNEL #3	RP6080	3J7-B6	007	G01	K6082-19
U9	CHANNEL RETURN #3	2TB3-5	3J7-B4	002	G02	K6082-17
T8	CHANNEL #4	RP6079	3J7-H10	003	G03	
S15	CHANNEL #5	RP6083B	3J7-H12	004	G04	
U15	CHANNEL RETURN #5	2TB3-5	3J7-G11	006	G06	
T6	CHANNEL #6	RP6078	3J7-G13	007	G07	
U5	CHANNEL RETURN #6	2TB3-5	3J7-F12	008	G08	
T4	CHANNEL #7	RP6077	3J7-F14	009	G09	
U3	CHANNEL RETURN #7	2TB3-5	3J8-A7	007	G10	
T2	CHANNEL #8	RP6076	3J8-A11	007	G10	
U1	CHANNEL RETURN #8	2TB3-5	3J8-E5	008	G11	
S13	PUNCH CLUTCH	RP6084	3J8-E5	008	G11	
S11	PCH CLUTCH RETURN	2TB3-5	3J8-B6	001	H01	
B10	0X	K6079-17	3J8-B4	001	H01	
B12	1X	K6079-19	3J8-H10	003	H03	
B14	2X	K6079-23	3J8-H12	004	H04	
C1	3X	K6079-25	3J8-G11	006	H06	
C3	4X	K6081-05	3J8-G13	007	H07	
C5	5X	K608A-11	3J8-F14	008	H08	
C7	6X	K608A-17	3J8-F12	008	H08	
C9	7X	K608A-23	3J8-F14	009	H09	
D2	X0	K6082-17	3J8-E11	009	H10	
D4	X1	K6082-19	3J9-A7	009	E09	
D6	X2	K6082-23	3J9-E5	010	E10	
D8	X3	K6082-25	3J9-B6	001	J01	
D10	X4	K6082-29	3J9-B4	002	J02	
D12	X5	K6082-31	3J9-H10	003	J03	
D14	X6	K6082-35	3J9-H12	004	J04	
E1	X7	K6082-37	3J9-G11	006	J06	
C11	CARR. RET.	K6076-03	3J9-G13	007	J07	
A9	SEL. #1 (+)	K6082-17	3J9-F12	008	J08	
A13	SEL. #2 (-)	K608A-07	3J9-F14	009	J09	
C13	SEL. PCH. SLAVE (+)	K6082-19	3J9-E11	010	J10	
C15	SEL. PCH. SLAVE (-)	K608A-07	3J9-H10	003	J03	
A7	SEL. TYP. SLAVE (+)	1TB2-03	3J9-H12	004	J04	
A11	SEL. TYP. SLAVE (-)	1TB2-E3	3J9-H12	004	J04	
E5	TYP. OFF LINE	1TB2-D4	3J9-G11	006	J06	
E15	5X	K608A-13	3J9-G13	007	J07	
G13	S6X	K608A-19	3J9-F12	008	J08	
H14	S7X	K608A-25	3J9-F14	009	J09	
S9	FPO	LR6076	3J9-E11	010	J10	
H8	MAG. SYNC	LR6053				
B8	SPO	LR6052				
B6	INTERLOCK	1TB2-F1				
B4	-48V (INT)	1TB2-F2				
H6	HI SPEED INT	LR6051				
A15	JPO	R6052				
A3	COMMON OFF	K6085-07				
E13	CABLE SHIELD	CHASSIS GND				
B2	-48V	4TB6-6				
A5	(+)48V	4TB6-7				
E3	-18V	4TB6-5				
S7	RETD	LR6078				
H10	SPARE #1	1TB2-F4				
H12	SPARE #2	1TB2-F5				
G11	SPARE #3	1TB2-F6				
G13	SPARE #4	1TB2-F7				
F12	SPARE #5	1TB2-F8				
F14	SPARE #6	1TB2-F9				
E11	SPARE #7	1TB2-F10				

C83-J6

NOTES: 1. FOR SYSTEM JUMPERS ON THIS TERMINAL BOARD, REFER TO SYSTEM "CONNECTOR & TERMINAL" BOARD LAYOUT DRAWING.  
 2. A SELECTRIC TYPEWRITER TRANSLATOR OPTION MAY BE CONNECTED TO THESE POINTS. REFER TO COMPUTER MODEL LIST TO DETERMINE IF THIS OPTION IS USED. REFER TO ASM 430979291 (MECH), 43C979305 (LOGIC) & 43A979267 (WIRE LIST).

NOTE: FOR SYSTEM JUMPERS ON THIS TERMINAL BOARD, REFER TO SYSTEM "CONNECTOR AND TERMINAL BOARD LAYOUT DRAWING."

REDUCED SIZE  
 PRINT  
 DO NOT SCALE

REVISIONS	PRINTS TO
	B K8-7
	L
	R
	Y

CR3-J 6

F2	RDR #1	LR6006
F4	RDR #2	LR6005
G1	RDR #3	LR6004
G3	RDR #4	LR6003
H2	RDR #5	LR6007
H4	RDR #6	LR6002
S1	RDR #7	LR6001
S3	RDR #8	LR6000
S5	RDR CLUTCH	RF6092
G5	RDR SY. CM.	LR6016
T4	CHANNEL #1	RP6052
U13	CHANNEL RETURN #1	1TB3-5
T12	CHANNEL #2	RP6051
U11	CHANNEL RETURN #2	1TB3-5
T10	CHANNEL #3	RP6050
U9	CHANNEL RETURN #3	1TB3-5
T8	CHANNEL #4	RP6079
U7	CHANNEL RETURN #4	1TB3-5
S15	CHANNEL #5	RP6053
U5	CHANNEL RETURN #5	1TB3-5
T6	CHANNEL #6	RP6075
U3	CHANNEL RETURN #6	1TB3-5
T4	CHANNEL #7	RP6077
U3	CHANNEL RETURN #7	1TB3-5
T2	CHANNEL #8	RP6076
U1	CHANNEL RETURN #8	1TB3-5
S15	PUNCH CLUTCH	RF6084
S11	PCH. CLUTCH RETURN	1TB3-5
B10	O X	K6079-17
B12	1 X	K6079-19
B14	2 X	K6079-23
C1	3 X	K6079-25
C3	4 X	K6084-05
C5	5 X	K6084-11
C7	6 X	K6084-17
C9	7 X	K6084-23
D2	X0	K6082-17
D4	X1	K6082-19
D6	X2	K6082-23
D8	X3	K6082-25
D10	X4	K6082-29
D12	X5	K6082-31
D14	X6	K6082-35
E1	X7	K6082-37
C11	CARR. RET.	K6076-09
A9	SEL #1 (V)	K6082-17
A13	SEL #1 (L)	K6084-19
C18	SEL. PUNCH SLAVE (V)	K6082-19
C15	SEL. PUNCH SLAVE (L)	K6082-19
A7	SEL. PUNCH SLAVE (V)	K6084-19
A11	SEL. TYP. SLAVE (V)	1TB2-07
E5	TYP. OFF. LINE	1TB2-08
E15	54 X	K6084-07
G15	56 X	K6084-19
H14	57 X	K6084-25
S2	FPO	LR6076
H8	MAG. SYNC	LR6078
B6	SPO	LR6052
B0	INTERLOCK	1TB2-M1
B4	-48V (INT)	1TB2-M2
H0	M. SPEED INT.	LR6051
A15	J80	R6052
A3	COMMON OFF	K6085-07
E18	CABLE SHIELD	CHASSIS GND
B2	-45V	4TB6-0
A5	(V) 48V	4TB6-7
E5	-15V	4TB6-5
S7	REX3	LR6078
H10	SPARE #1	1TB2-H4
H12	SPARE #2	1TB2-H2
G11	SPARE #3	1TB2-H0
G13	SPARE #4	1TB2-H7
E18	SPARE #5	1TB2-H5
E12	SPARE #6	1TB2-H3
E11	SPARE #7	1TB2-H10

CR3-J 7

F2	RDR #1	LR6006
F4	RDR #2	LR6005
G1	RDR #3	LR6004
G3	RDR #4	LR6003
H2	RDR #5	LR6007
H4	RDR #6	LR6002
S1	RDR #7	LR6001
S3	RDR #8	LR6000
S5	RDR CLUTCH	RF6092
G5	RDR SY. CM.	LR6016
T4	CHANNEL #1	RP6052
U13	CHANNEL RETURN #1	1TB3-5
T12	CHANNEL #2	RP6051
U11	CHANNEL RETURN #2	1TB3-5
T10	CHANNEL #3	RP6050
U9	CHANNEL RETURN #3	1TB3-5
T8	CHANNEL #4	RP6079
U7	CHANNEL RETURN #4	1TB3-5
S15	CHANNEL #5	RP6053
U5	CHANNEL RETURN #5	1TB3-5
T6	CHANNEL #6	RP6075
U3	CHANNEL RETURN #6	1TB3-5
T4	CHANNEL #7	RP6077
U3	CHANNEL RETURN #7	1TB3-5
T2	CHANNEL #8	RP6076
U1	CHANNEL RETURN #8	1TB3-5
S15	PUNCH CLUTCH	RF6084
S11	PCH. CLUTCH RETURN	1TB3-5
B10	O X	K6079-17
B12	1 X	K6079-19
B14	2 X	K6079-23
C1	3 X	K6079-25
C3	4 X	K6084-05
C5	5 X	K6084-11
C7	6 X	K6084-17
C9	7 X	K6084-23
D2	X0	K6082-17
D4	X1	K6082-19
D6	X2	K6082-23
D8	X3	K6082-25
D10	X4	K6082-29
D12	X5	K6082-31
D14	X6	K6082-35
E1	X7	K6082-37
C11	CARR. RET.	K6076-09
A9	SEL #1 (V)	K6082-17
A13	SEL #1 (L)	K6084-19
C15	SEL. PUNCH SLAVE (V)	K6082-19
C18	SEL. PUNCH SLAVE (L)	K6082-19
A7	SEL. TYP. SLAVE (V)	1TB2-07
A11	SEL. TYP. SLAVE (L)	1TB2-05
E5	TYP. OFF. LINE	1TB2-06
E15	54 X	K6084-07
G15	56 X	K6084-19
H14	57 X	K6084-25
S2	FPO	LR6076
H8	MAG. SYNC	LR6078
B6	SPO	LR6052
B0	INTERLOCK	1TB2-M1
B4	-48V (INT)	1TB2-M2
H0	M. SPEED INT.	LR6051
A15	J80	R6052
A3	COMMON OFF	K6085-07
E18	CABLE SHIELD	CHASSIS GND
B2	-45V	4TB6-0
A5	(V) 48V	4TB6-7
E5	-15V	4TB6-5
S7	REX3	LR6078
H10	SPARE #1	1TB2-H4
H12	SPARE #2	1TB2-H2
G11	SPARE #3	1TB2-H0
G13	SPARE #4	1TB2-H7
E18	SPARE #5	1TB2-H5
E12	SPARE #6	1TB2-H3
E11	SPARE #7	1TB2-H10

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING

APPLIED PRACTICES	SURFACES	FINISHES	SPRINKLES	ANALYS
	✓			

GENERAL SECTION

CONNECTORS

9J7 & 3J8

3CS79000

173 172

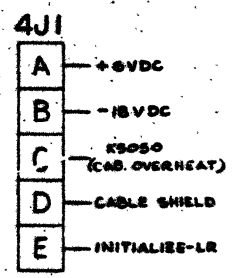
REDUCED SIZE PRINT DO NOT SCALE

REVISIONS	PRINTS TO
	Y KB-17 3/80

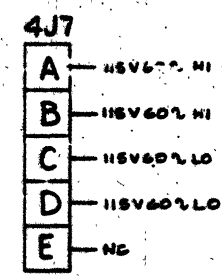
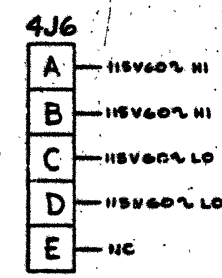
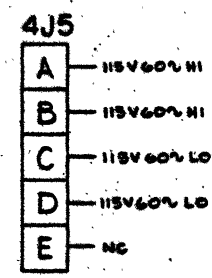
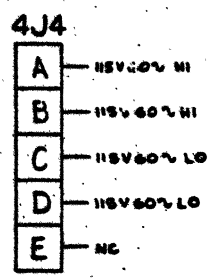
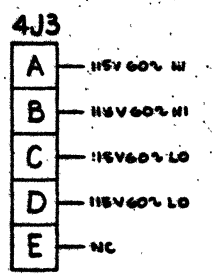
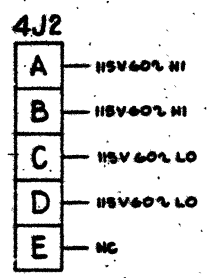
UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING:

APPLIED PRACTICES	SURFACES	TOLERANCES ON DIMENSIONS	FINISHES	OTHER	ADULTS
	✓	:	:	:	:

TITLE LOGIC BOOK  
**CONNECTORS 4J1-4J14**  
 FIRST MADE FOR

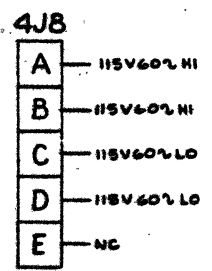


AUX. POWER SUPPLY SEQUENCING

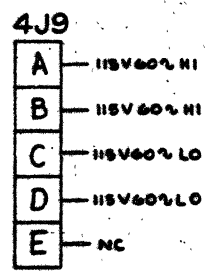


N PERIPHERALS AC

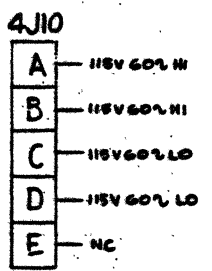
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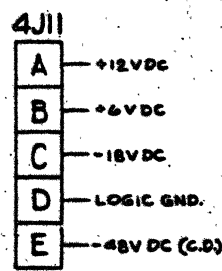
M PERIPHERALS AC



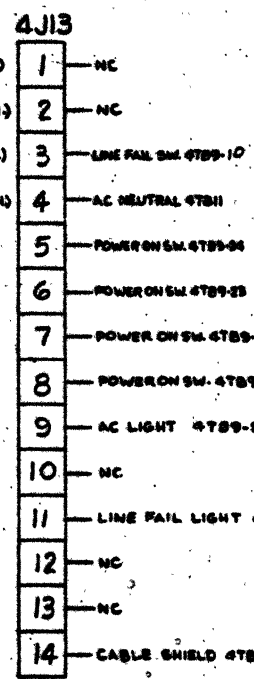
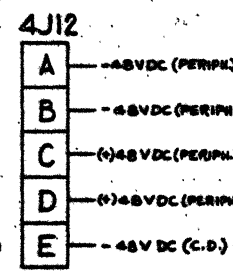
SYSTEM AC



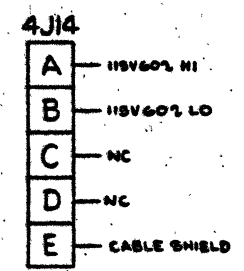
SYSTEM DC



SYSTEM 48V



CONSOLE



DIGITAL CLOCK AC

REDUCED SIZE PRINT  
DO NOT SCALE

REVISED	PRINTS TO
A JUNE 12, 1963	KB-17 <sup>3</sup> /RP
	Y