

B 800
CENTRAL PROCESSING
UNIT
SERIAL NO. _____

Burroughs
SSG
FIELD TEST
AND
REFERENCE DOCUMENT

2608 7403

SL 38

DL 1

B 800

CENTRAL PROCESSING UNIT



FIELD ENGINEERING PROPRIETARY DATA

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D800
INDEX 2608 7403
CENTRAL PROCESSING UNIT

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6	2608 2701	" CD4-1	B
8	2608 4640	" CG3	C
11	1447 8218	" CU1	H
14	1448 8399	" CU2	E
16	1449 9776	" DDC1	E
19	1449 9925	" DIAC1	G
22	2608 4806	" DMCS	B
25	2603 6327	" DMD	D
26	1449 9867	" DM1	F
29	1449 9891	" DM2	F
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86	2609 5240	" MP A	C
92	2609 5257	" MP B	C
98	2607 9475	" MP C	B
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154	2608 5019	" SM5S	B
155	2608 5076	" SM8S	B
157	2608 5100	" SM9S	B
159	2608 5233	" STCS	D
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163	2608 6991	SCHEMATIC LED DATA COMM IND.	A
164	2608 5134	WIRING DIAG., AC & PS (DOM)	C
167	2608 7940	WIRING DIAG., AC & PS (INT'L)	C
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SHEET 3 OF 3

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180	2608 6082	W/L LOGIC PWR	B
181	2608 6264	W/L, PWR SUP GP (DOM)	A
182	2608 7676	W/L, PWR SUP GP (INT'L)	B
184	2608 6066	W/L, AC PWR & FANS	A
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187	2609 5026	W/L, SWITCH ASSY	A
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210A	2608 7619	FII BIPOLAR MEMORY MODULE OPTION	A
211	2609 3997	W/L L/M CONN FR	D
218	2608 3808	CKT LIST, 128KB MEM BK 1	AL

N2 M9 M6 M3 M0 L7 L4 L1 K8 K5 K2 J9 J6 J3 J0 I7 I4 I1 H8 H5 H2 G9 G6 G3 G0 F7 F4 F1 E8 E5 E2 D9 D6 D3 D0 C7 C4 C1 B8 B5 B2 A9 A6 A3 A0

L U 2 (1)	L U 2 (2)	L U L (3)	L U L (4)	L U L (1)	L U L (2)	L U L (1)	L U L (2)	L U L (1)	L U L (2)	M U 5	M U 4	M U 3	M U 2	C U 2	C U 1	M U 6 (5)	M U 6 (4)	M U 6 (1)	M U 6 (2)	M U 6 (3)	L I 8 (3)	L I 7	S T C (5)	D I 8 (1)	D I 7 (2)	F F 1	F F 2	F F 3	F F 4	C D 4 (2)	C L C (5)	C L B (5)	A U F	S V C	M V 3	M D 2	D M 1	L 7 (3)	T P M (3)	U J (2)	U J (1)	U J (2)	C L A	C L A (0)	I F (1)	I F (1)
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B

DDP4
DDP1

N2 M9 M6 M3 M0 L7 L4 L1 K8 K5 K2 J9 J6 J3 J0 I7 I4 I1 H8 H5 H2 G9 G6 G3 G0 F7 F4 F1 E8 E5 E2 D9 D6 D3 D0 C7 C4 C1 B8 B5 B2 A9 A6 A3 A0

N P A (5)	M P B (5)	M P A (6)	M P B (6)	M P A (7)	M P B (7)	M P A (8)	M P B (8)	M P A (9)	M P B (9)	P G C	S M 4 (5)	S M 5 (5)	S M 8 (5)	S M 9 (5)	E 8 (3)	C G 3 (3)	C D 4 (1)	D M C (5)	D M C (1)	D M 1	D M 2	D I A (1)	D M C (5)	D M C (5)	U A 1 (7)	U A 2 (7)	U A 1 (6)	U A 2 (5)	U A 1 (5)	U A 2 (4)	U A 1 (4)	U A 2 (3)	U A 1 (3)	U A 2 (2)	U A 1 (2)	U A 2 (1)	U A 1 (1)	U A 2 (1)	A C U (1)	U A 1 (0)	U A 2 (0)	A C 3
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D

DDP4
OPTIONAL

N2 M9 M6 M3 M0 L7 L4 L1 K8 K5 K2 J9 J6 J3 J0 I7 I4 I1 H8 H5 H2 G9 G6 G3 G0 F7 F4 F1 E8 E5 E2 D9 D6 D3 D0 C7 C4 C1 B8 B5 B2 A9 A6 A3 A0

M P A (1)	M P B (1)	M P A (2)	M P B (2)	M P A (3)	M P B (3)	M P A (4)	M P B (4)	M P A (5)	M P B (5)	M P A (1)	M P B (1)	M P A (2)	M P B (2)	M P A (3)	M P B (3)	M P A (4)	M P B (4)	M P A (5)	M P B (5)	N M B	M B A (6)	M P B (6)	C O N T R O L	D A T A 9 (16)	D A T A 8 (8)	S P E C I A L	M L L	L O R I N C	D A T A 9 (16)	D A T A 8 (8)	S P E C I A L	C O N T R O L	D A T A 9 (16)	D A T A 8 (8)	S P E C I A L	C O N T R O L	D A T A 9 (16)	D A T A 8 (8)	S P E C I A L	L O R I N C	D A T A 9 (16)	D A T A 8 (8)	S P E C I A L
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F

SEE NOTE 7

SEE NOTE 4

DDP6

DDP2

DOP3

DDP7

DDP8

S P A R E	M E M L 2 C P U I N D	D C I N D	S P A R E	M O N 13	M O N 4	M O N 2	D I S K	D D P 6	D D P 2	D D P 3	D D P 7	D D P 8	L I N E 6 L I N E 7	L I N E 4 L I N E 5	A C U 0 A C U 1	L I N E 2 L I N E 3	L I N E 0 L I N E 1	P O W E R
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H

EJ9 EJ8 EJ7 EJ6 EJ5 EJ4 EJ3 EJ2 EJ1

2

NOTES:

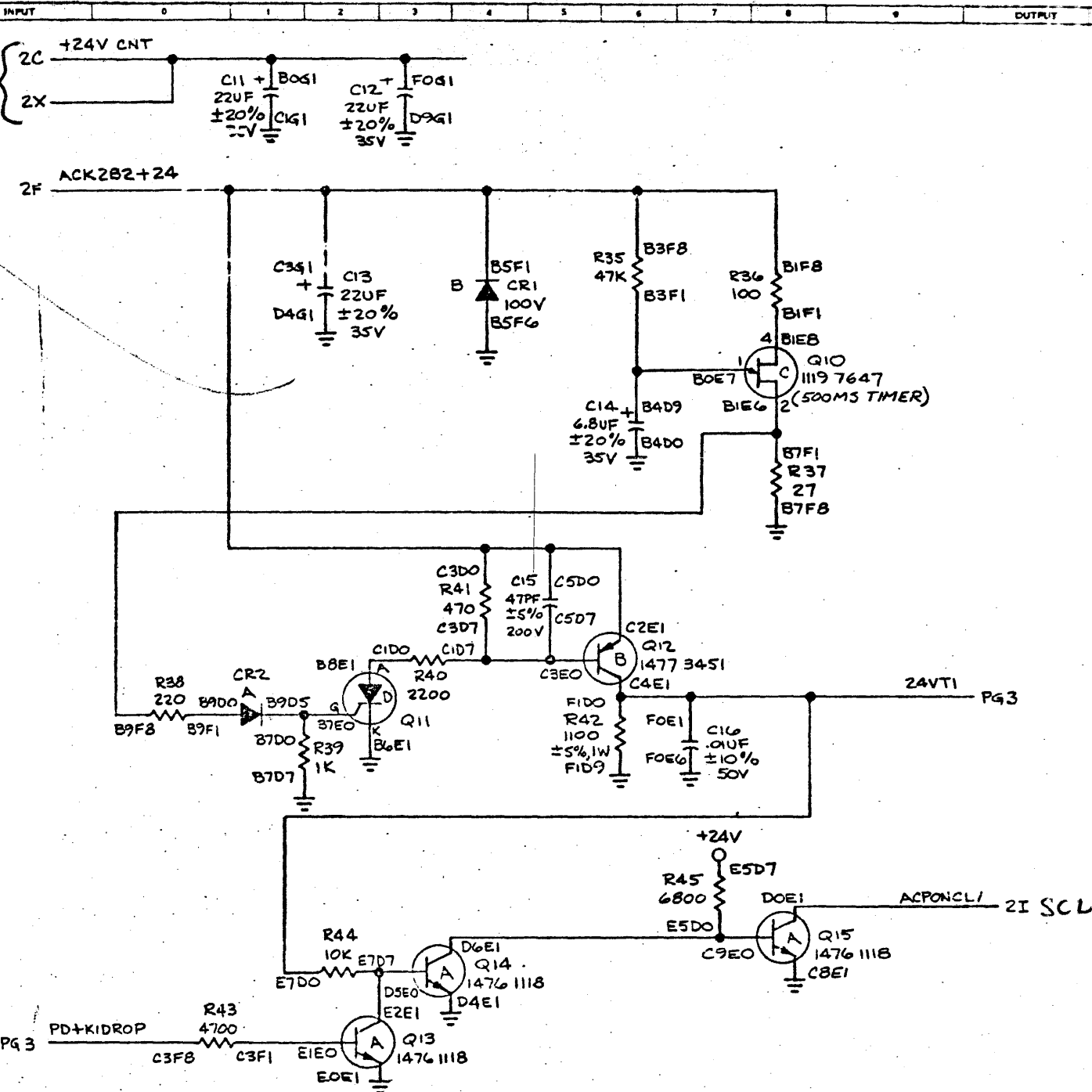
- 1. FE CARDS ARE NOT PART OF BASIC SYSTEM POSITIONS
- 2. S-SHOWN FOR FIELD ENGR'S.
- 3. OPTIONAL CARD OR CARDS.
- 4. INDICATES FRONT EDGE JUMPER CONNECTOR.
- 5. MPA & MPB ARE USED FOR 1MHz PROCESSOR AND MPC & MPD ARE USED FOR A 2 MHz PROCESSOR.
- 6. MON CONNECTORS ARE WIRED INTO D41 PROCESSORS ONLY.
- 7. NO MEMORY OR DDP IS ARE INCLUDED WITH BASIC PROCESSOR.
- 8. OPTIONAL PAGE MEMORY MODULES.

LOGIC/MEMORY BACKPLANE - VIEWED FROM CARD INSERTION SIDE

2609 3344	
SHEET 1 of 1	
A	RELEASED BY 1192
B	DATE 3-8-76
ECN 5394 6811-152	

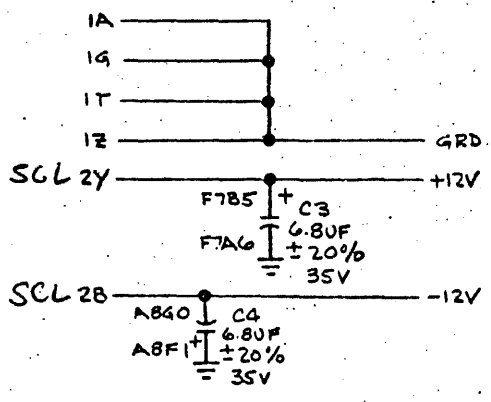
TOLERANCES UNLESS OTHERWISE NOTED DIMENSIONS IN PARETHESISES		DRAWN FORRESTER DATE 1/25/76	DATE 4/21/76	Burrhoughs Corporation
MATERIAL		DESIGNED BY P. Backman		
HEAT TREATMENT		CHECKED BY DATE		TITLE BACKPLANE MAP
FINISH TREATMENT		APPROVED BY DATE 1984 (10/20)		DATE 4-21-76
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SCHMATIC



EJ1
(02)
(03)

EJ1
(20)



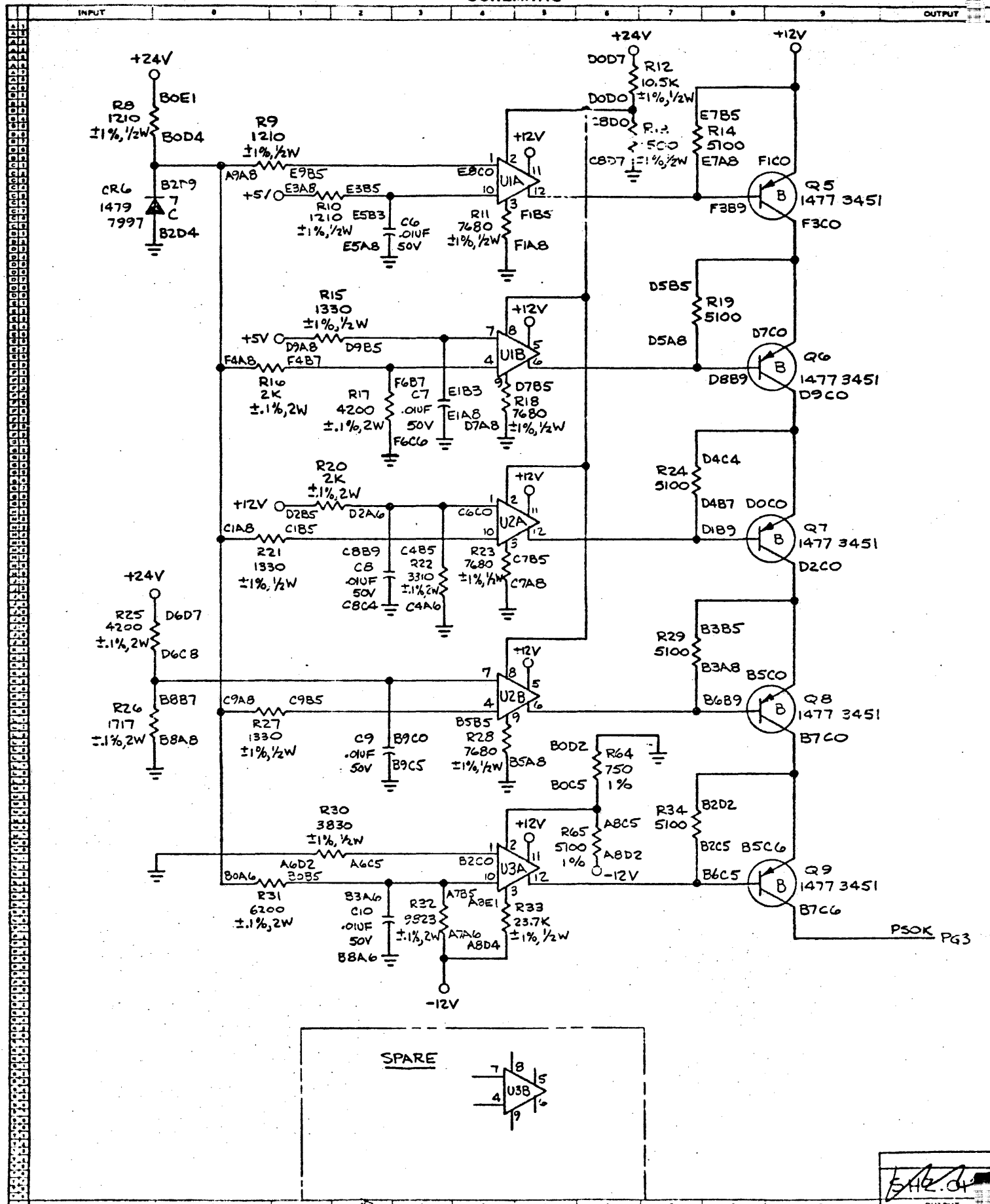
- NOTES:-
1. FOR ASSEMBLY SEE 2600 5025.
 2. COMPONENTS IDENTIFIED BY LETTERS A,B, ETC. INDICATE PART NUMBERS AS FOLLOWS:
 TRANSISTORS DIODES
 A 1476 1118 A-1471 4661
 B 1477 3451 B-1117 9561
 C 1119 7647 C-1479 7997
 D 1448 1873
 3. UNLESS OTHERWISE SPECIFIED:
 RESISTANCE VALUES ARE IN OHMS $\pm 5\%$, $\frac{1}{2}W$.
 4. COMPONENTS VIA THRU U3B 1477 3352 OPERATIONAL AMPLIFIER.

EXLOR

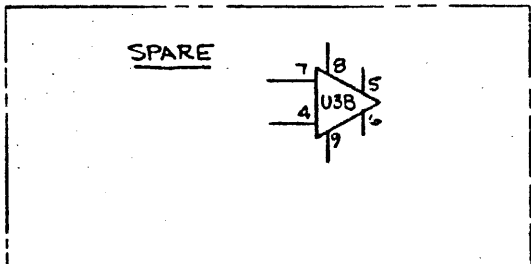
CC-2-9520 3721 D1 1/2

2600 5041 Burroughs Corporation 3000 BROADWAY BOSTON, MASSACHUSETTS 02108 MADE IN U.S.A.	TITLE AC3, AC BOARD		2600 5041 A
	REVISED 10-9-77 DATE	APPROVED DATE	1-3
	CL B: CANTF 10-11-73	DATE	3

SCHEMATIC



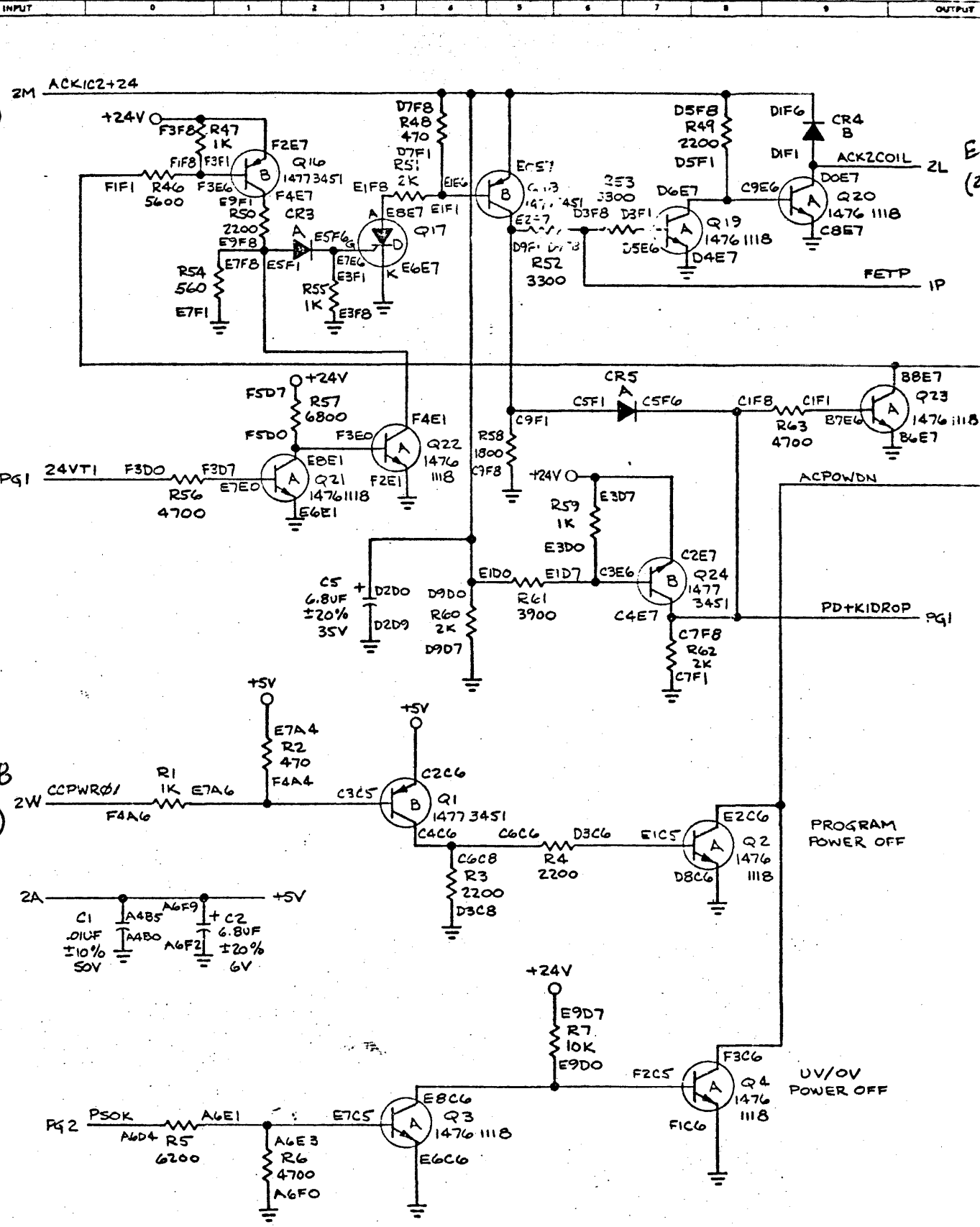
PSOK PG3



Handwritten signature/initials

INPUT	0	1	2	3	4	5	6	7	8	9	OUTPUT
Burroughs Corporation											
TITLE AC3 AC BOARD											
2600 5041 A											
REVISIONS: 1 RELEASE 1/2/73											
APPROVED: DATE:											
PAGE 2											

SCHMATIC

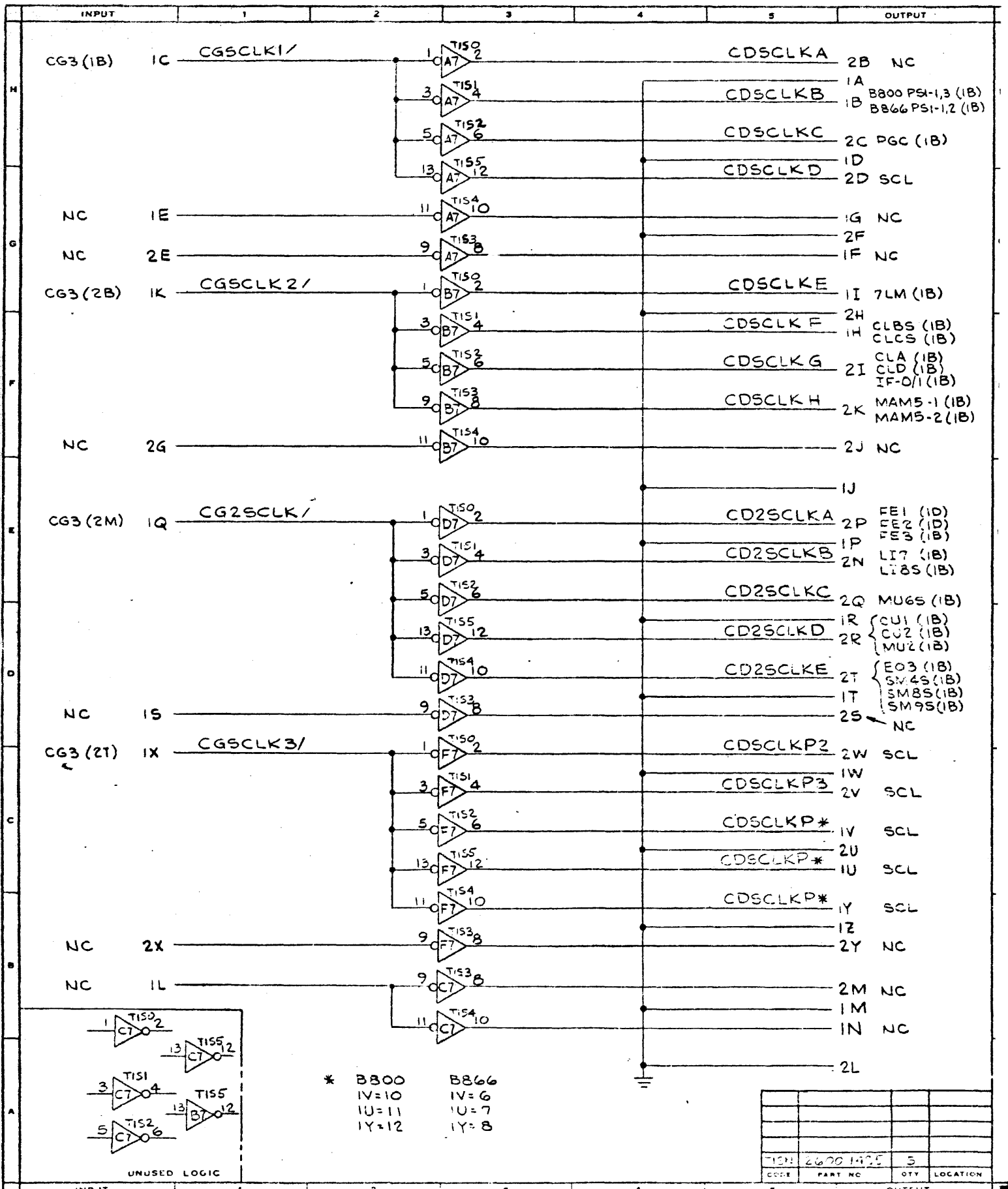


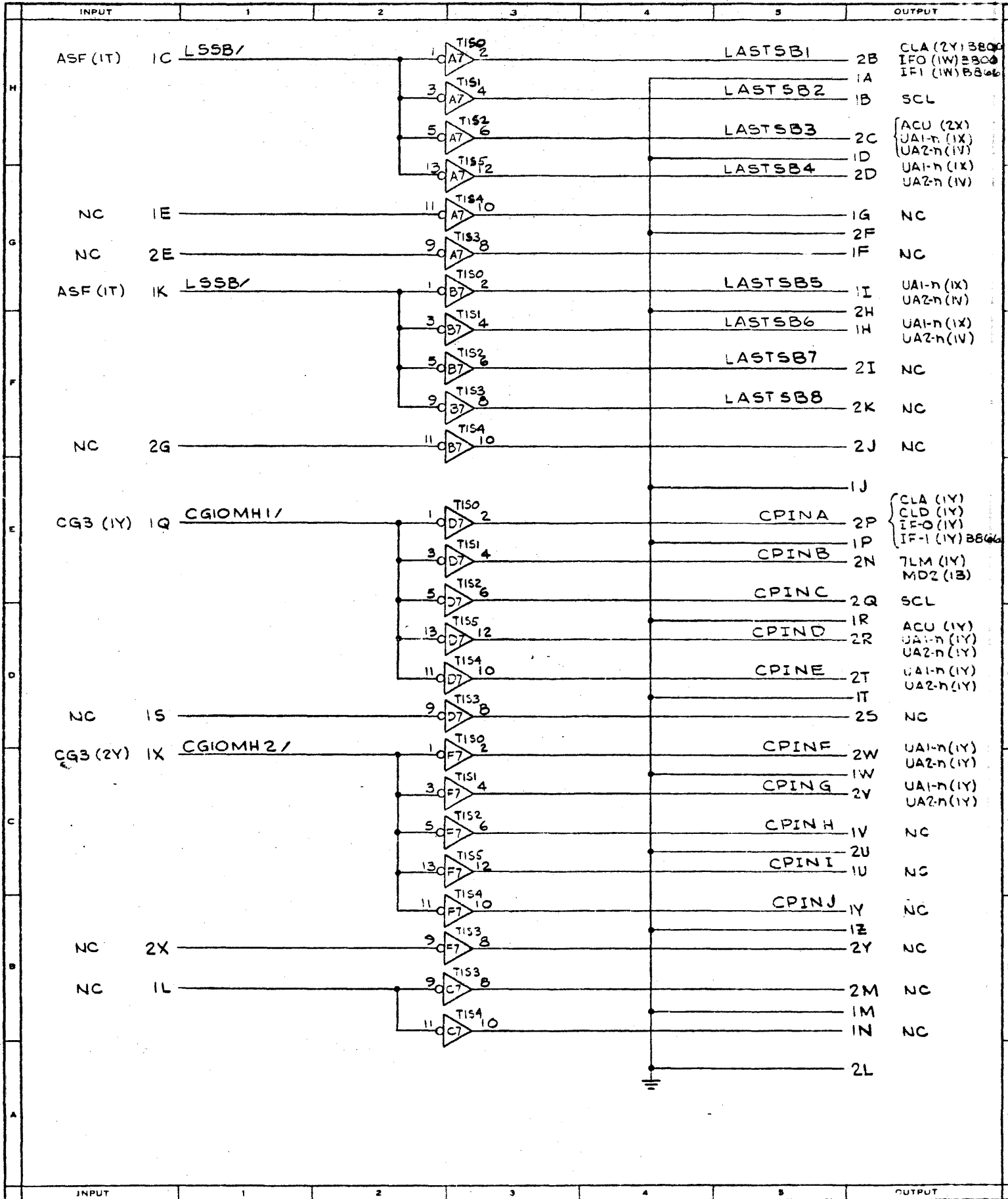
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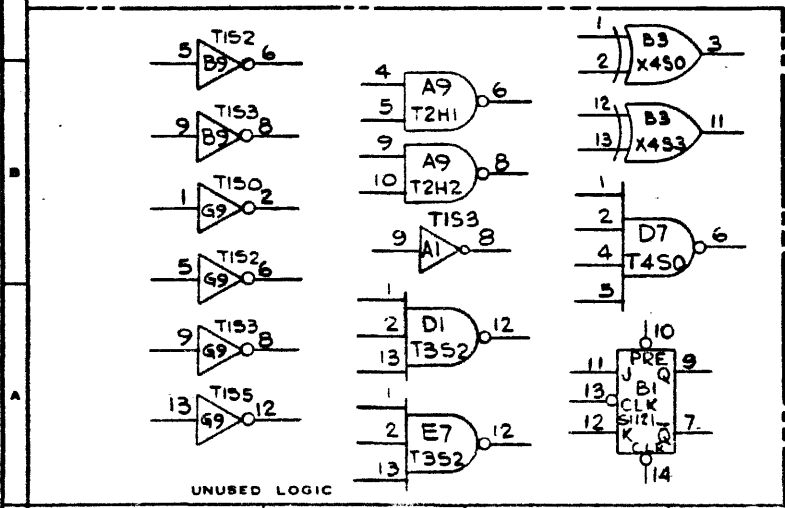
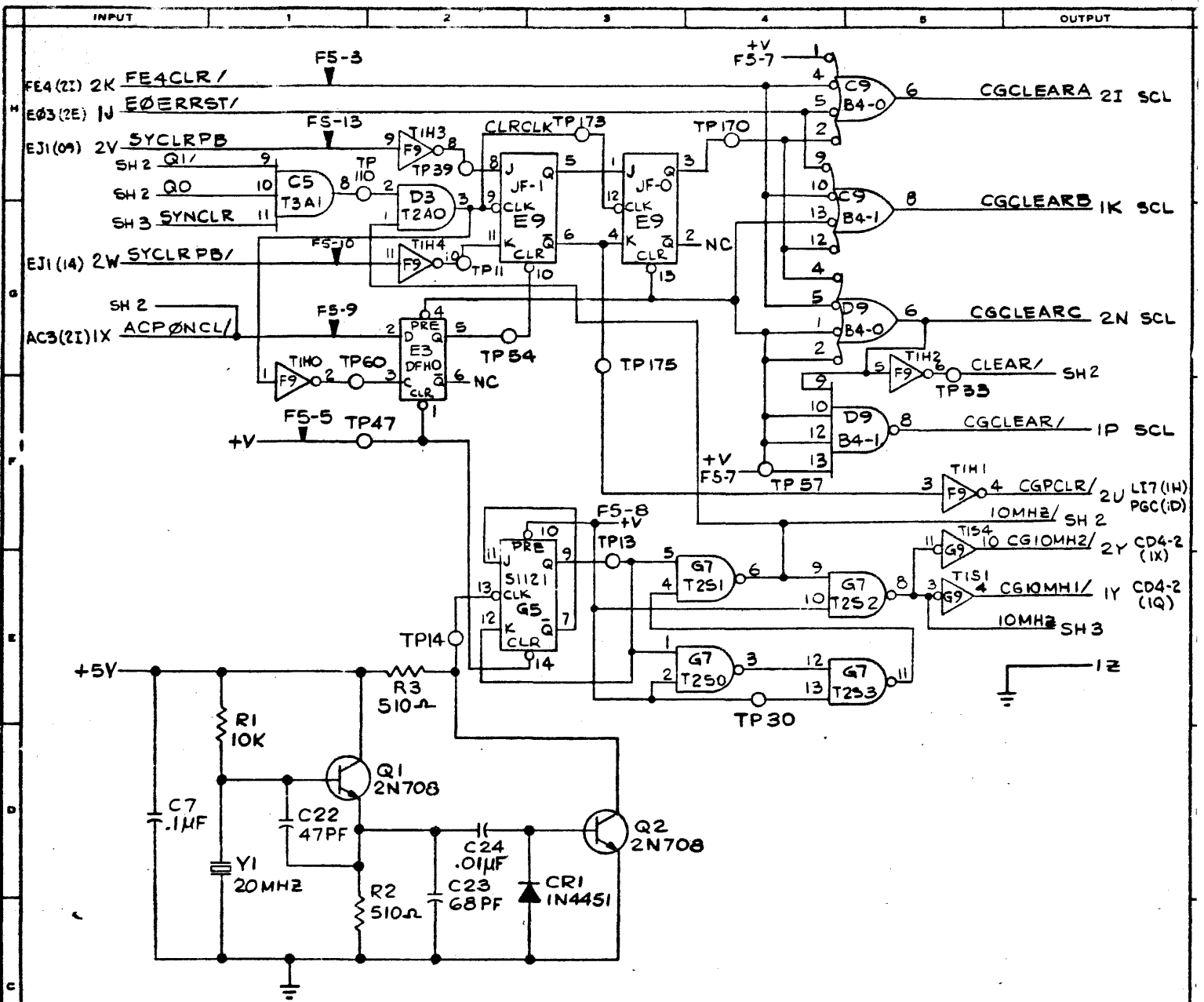
EJ1 (24)

EJ1B (45)

Handwritten signature



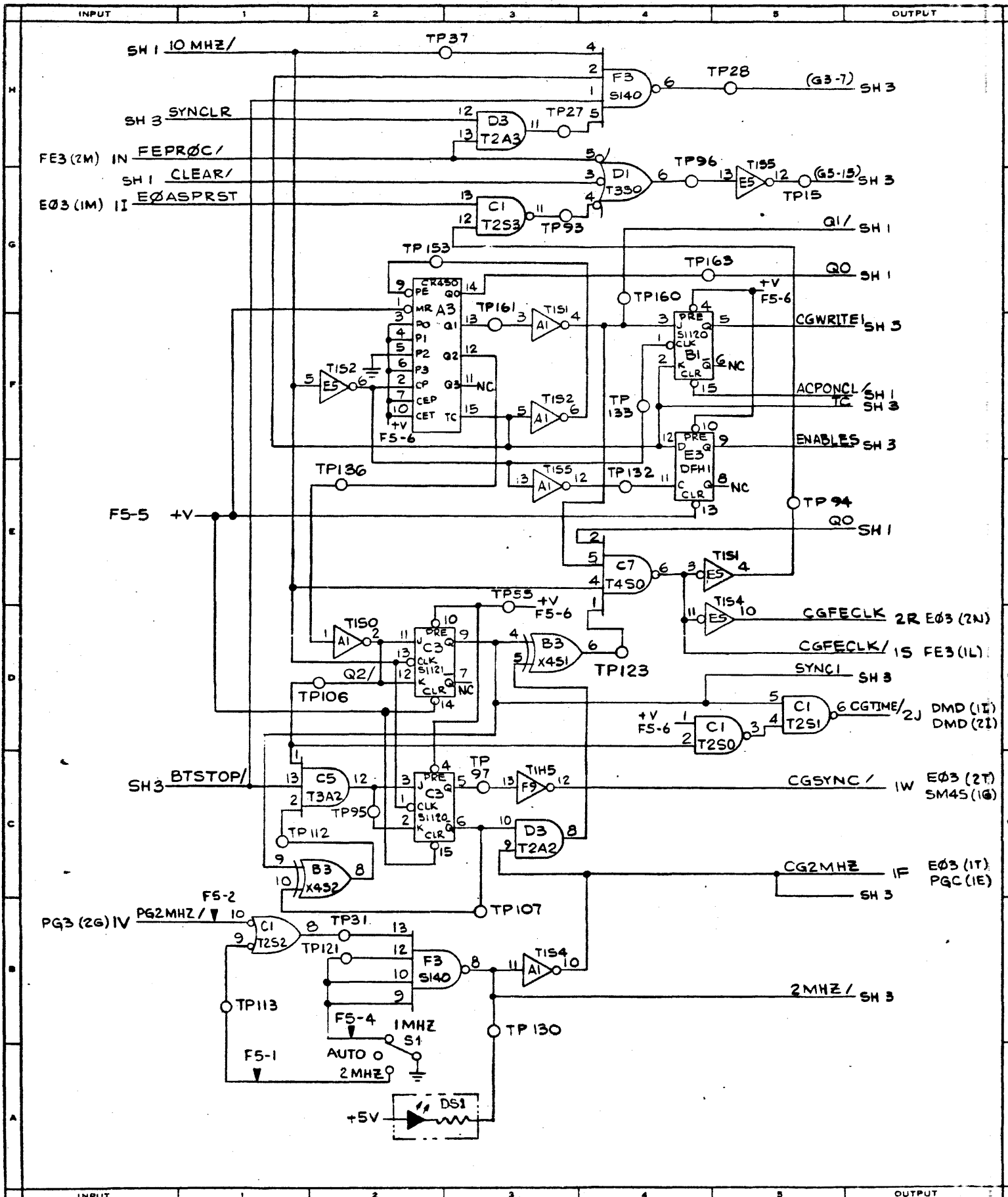




REV	DATE	BY	CHKD	APP'D	DESCRIPTION
A	10/15/73
B	10/16/73
C	10/17/73

R MOD	QTY	DESCRIPTION	LOC
T3AS	2600	1511	1
T2AS	2604	6805	2
JF-N	447	3615	1
BA-N	447	3599	2
DFAN	447	3623	1
T5N	2600	495	4
S112	2602	7417	3
T2SN	2600	487	3
S140	2602	2889	1
T3SN	2600	505	2
ER45	2602	7583	1
V45N	2602	2577	1
T4N	479	7571	1
T45N	2602	7359	5
T4N	479	6240	1
T0	2200	8446	1

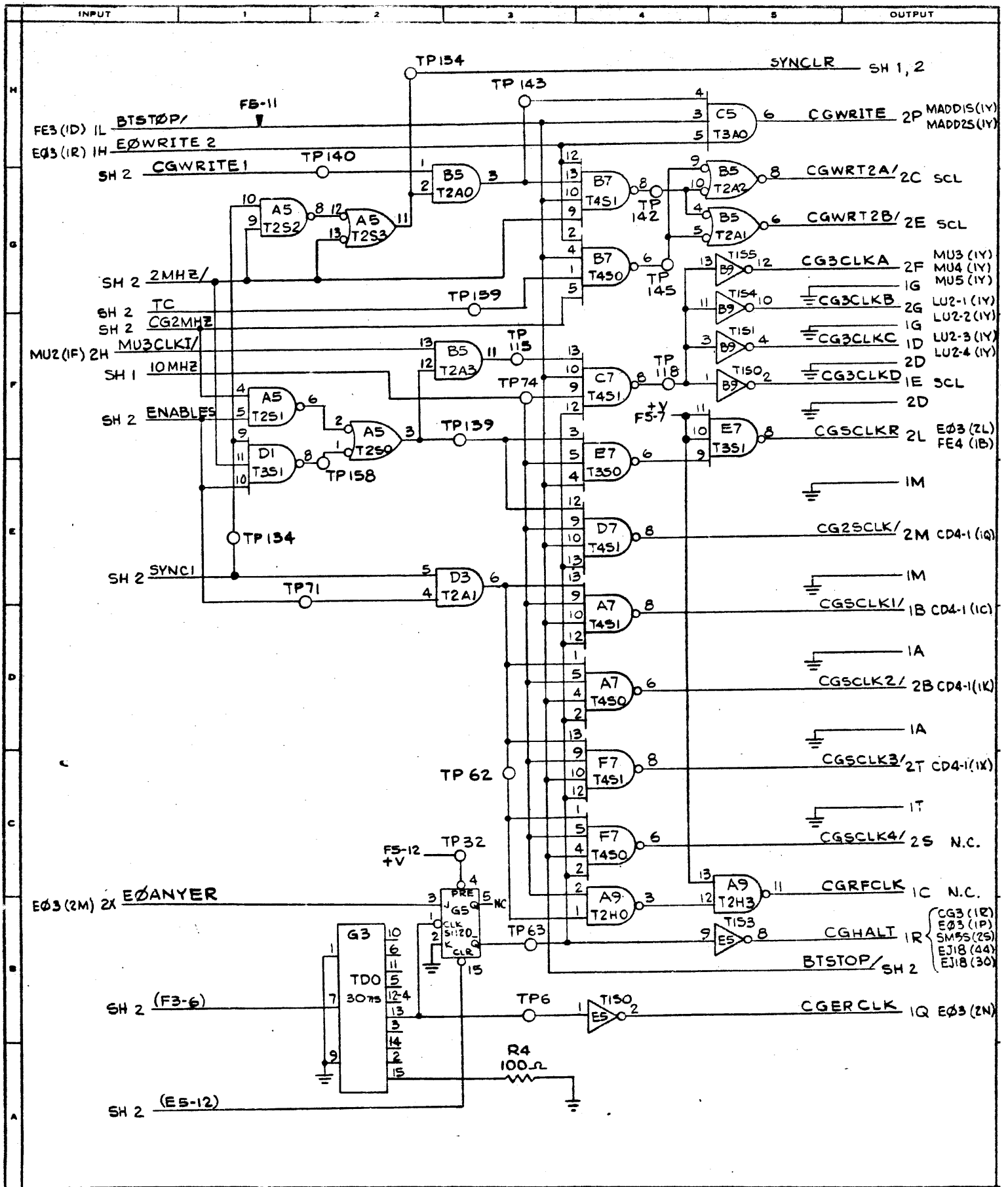
CODE	PART NO	QTY	LOCATION



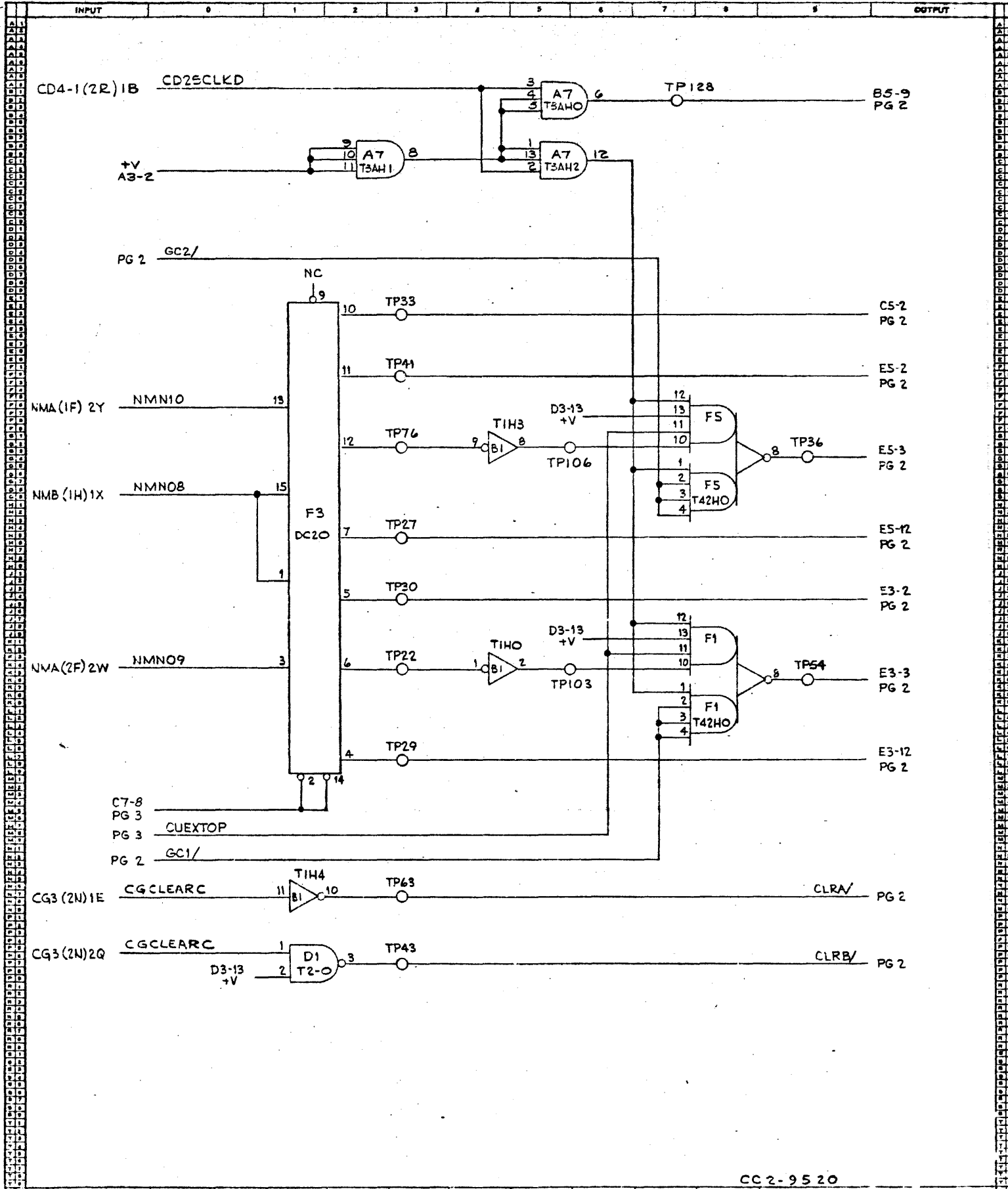
9

UNITE 44(131) 29507

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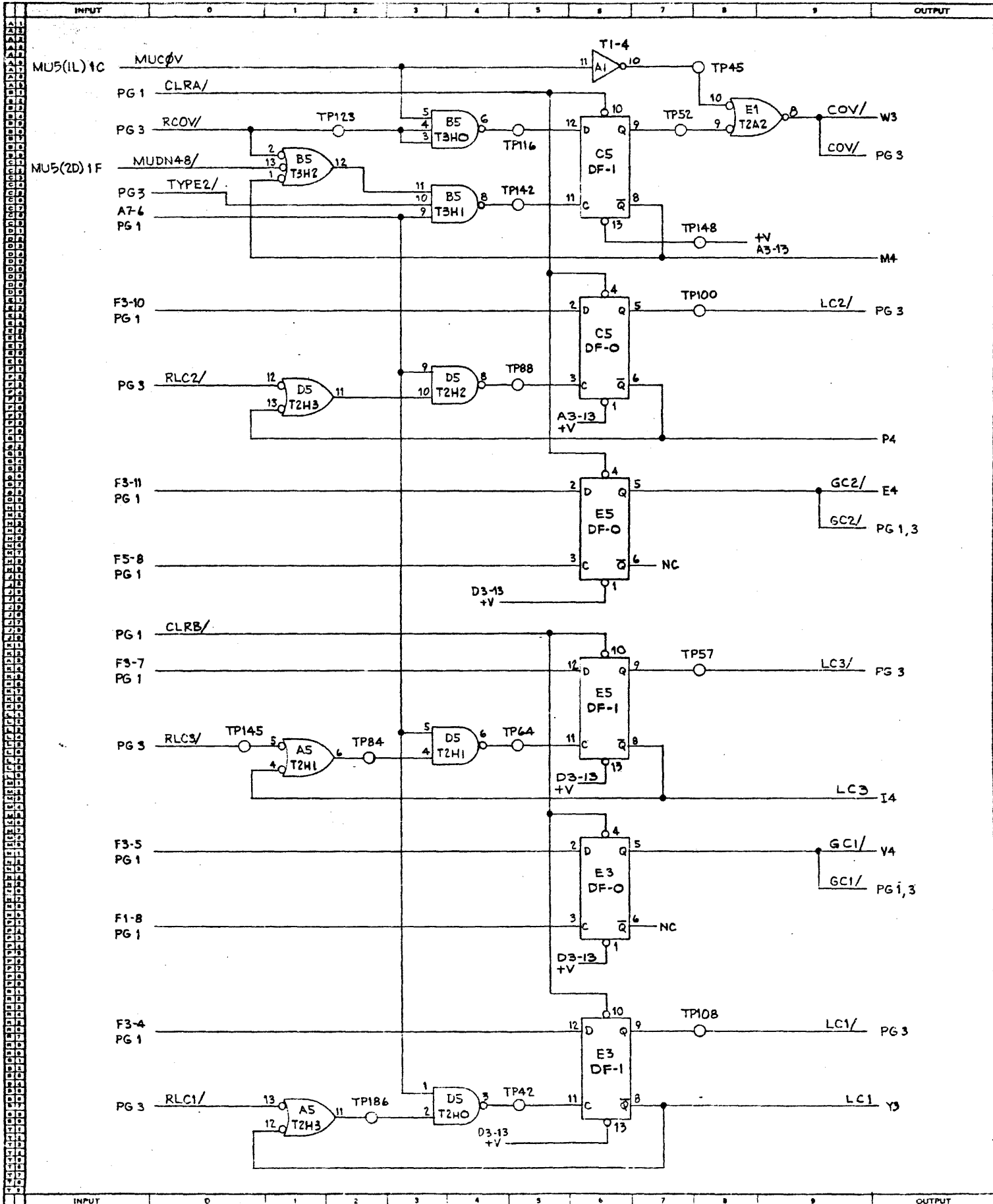


CC 2-95 20

Burroughs Corporation
 MAGNETIC SYSTEMS PLANT
 DOWNTOWN, PA 19330

TITLE **CUI CONTROL UNIT 1**
 SYSTEM **B 700**
 DRAWN **M.S.**
 APPROVED **B. GINERMAN**
 CHECKED **D.R.F.**
 RELEASED **10-22-71**
 DWG. NO. **1447 8218**
 PAGE **1 OF 3**
 REV. LETTER **H**
 2/1/3

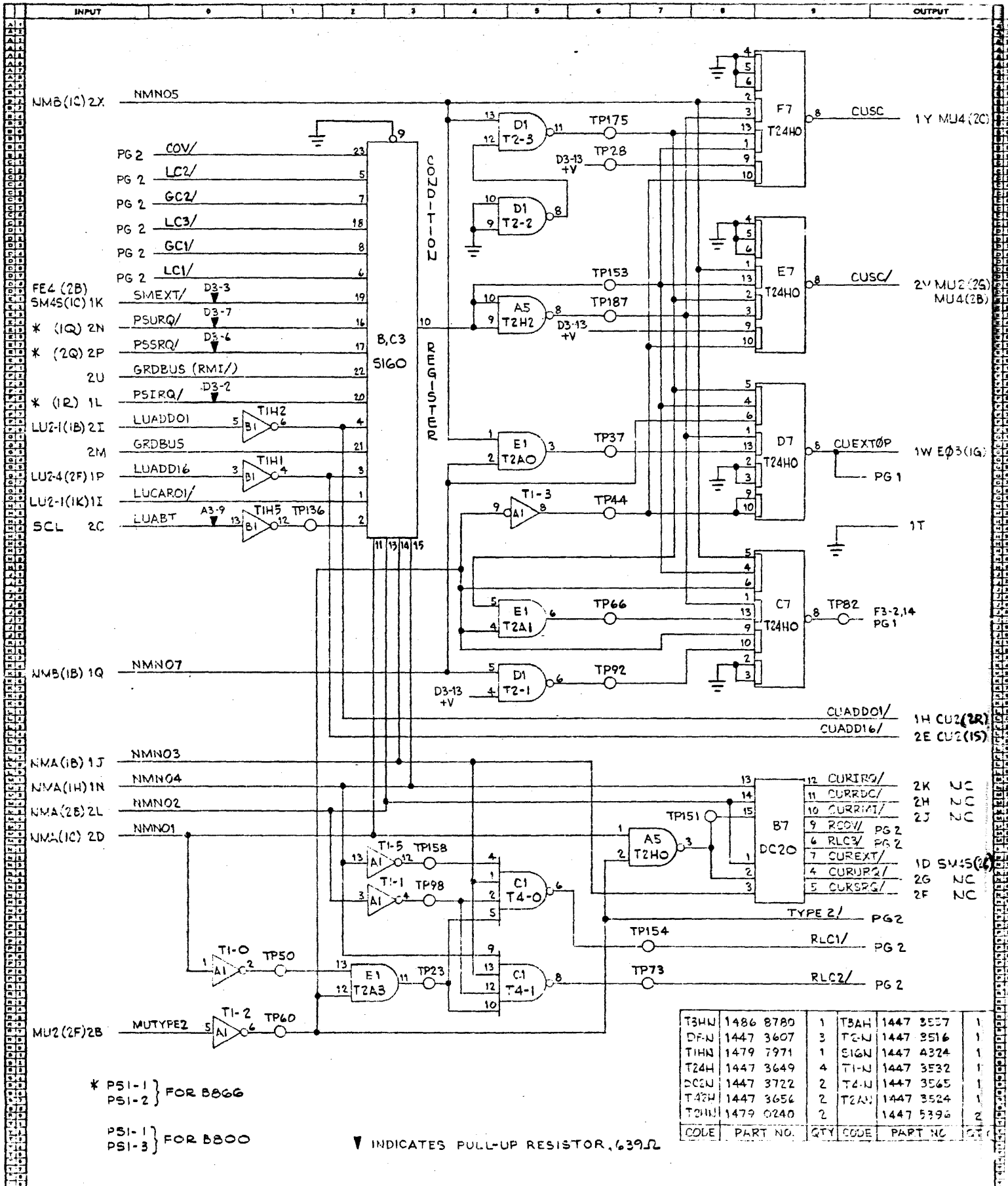
SCHMATIC



Burroughs Corporation
 MAGNETIC SYSTEMS PLANT DOWNINGTOWN PA 19338
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 FACTURING PURPOSES ACCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN PERMISSION

TITLE CU1 CONTROL UNIT 1
 SYSTEM 8700
 DRAWN N. G. J.
 APPROVED B. J. BERNARD
 DWG. NO. 1447 8218
 PAGE 2 OF 3
 CHECKED DEF 9-24-71
 RELEASED 10-22-71
 REV. LETTER 12

SCHEMATIC



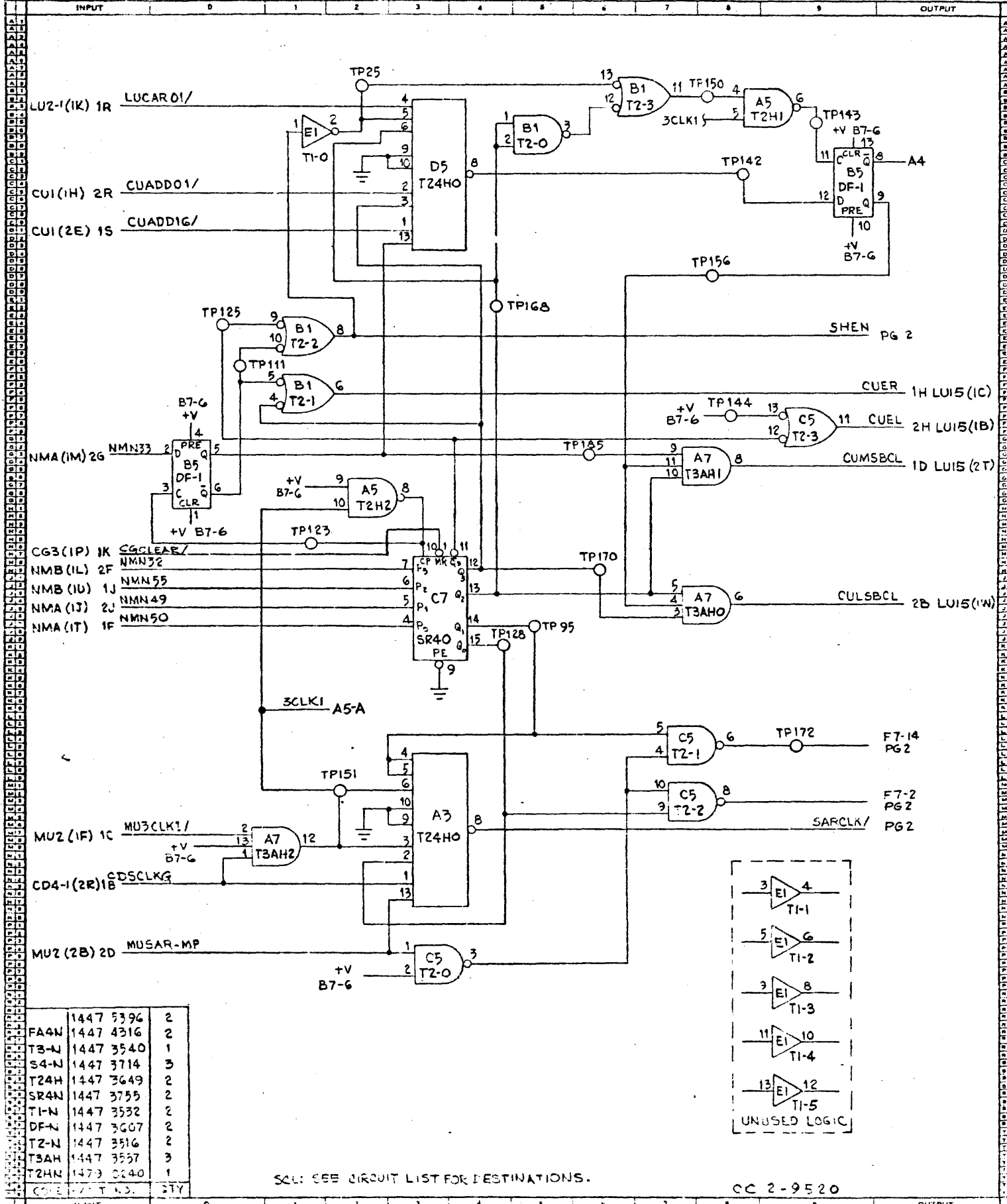
* PSI-1 } FOR B866
 PSI-2 }

 PSI-1 } FOR B800
 PSI-3 }

▽ INDICATES PULL-UP RESISTOR, .639Ω

T3HW	1486 8780	1	T3AH	1447 3557	1
DF-N	1447 3607	3	T2-N	1447 3516	1
TIHN	1479 7971	1	SIGN	1447 A324	1
T24H	1447 3649	4	TI-N	1447 3532	1
DCN	1447 3722	2	T2-N	1447 3565	1
T42H	1447 3656	2	T2-N	1447 3524	1
T2HN	1479 0240	2		1447 5396	2
CODE	PART NO.	QTY	CODE	PART NO.	QTY

SCHEMATIC



FA4N	1447 5396	2
T3-N	1447 4316	2
S4-N	1447 3540	1
T24H	1447 3714	3
SR4N	1447 3649	2
TI-N	1447 3755	2
DF-N	1447 3532	2
TZ-N	1447 3607	2
T3AH	1447 3516	2
T2HN	1447 3557	3
T2HN	1473 0240	1

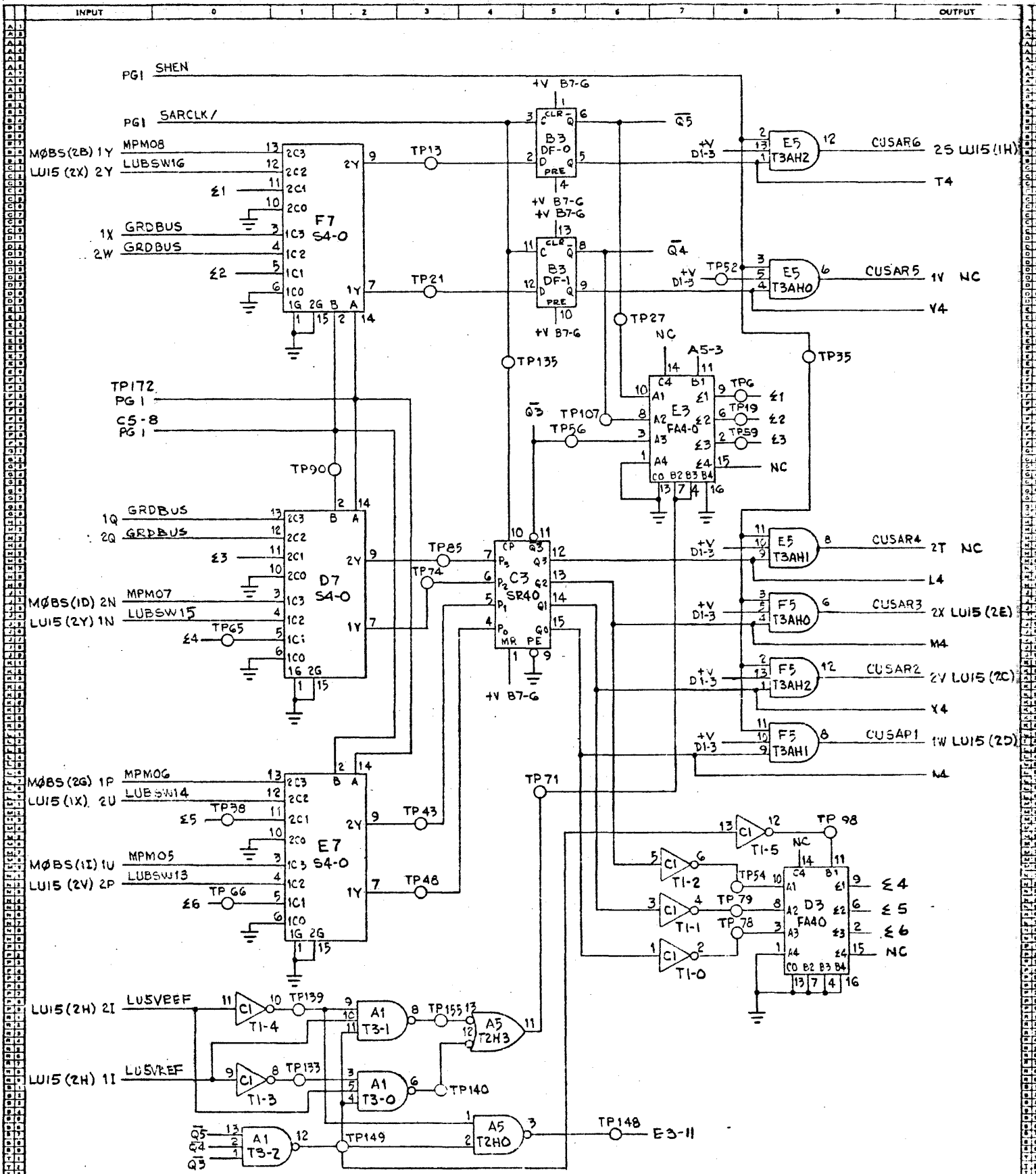
SEE CIRCUIT LIST FOR DESTINATIONS.

CC 2-9520

Burroughs Corporation
 SYSTEMS DIVISION
 PHILADELPHIA, PA. 19103

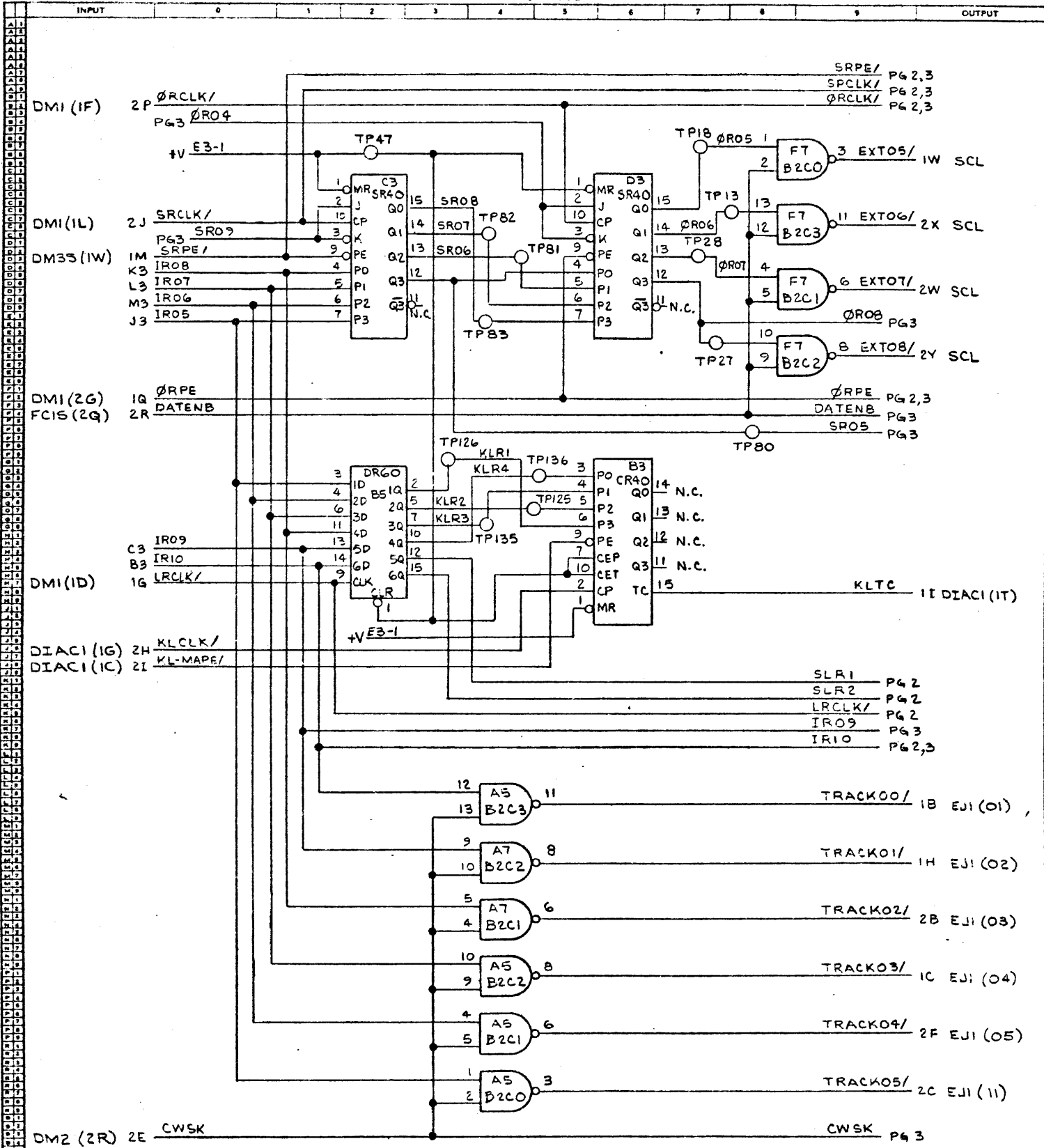
TITLE: CPU CONTROL UNIT 2
 SYSTEM: 8702
 DRAWN: [Signature]
 APPROVED: [Signature]
 CHECKED: [Signature]
 RELEASED: 6-30-72
 DWG. NO. 1448 B700
 PAGE 100
 REV. LETTER E FOR SPTD

SCHEMATIC

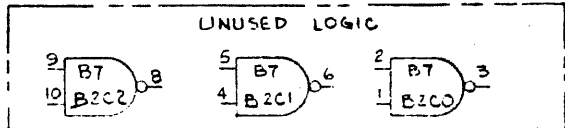


SEE CIRCUIT LIST FOR DESTINATIONS

SCHMATIC



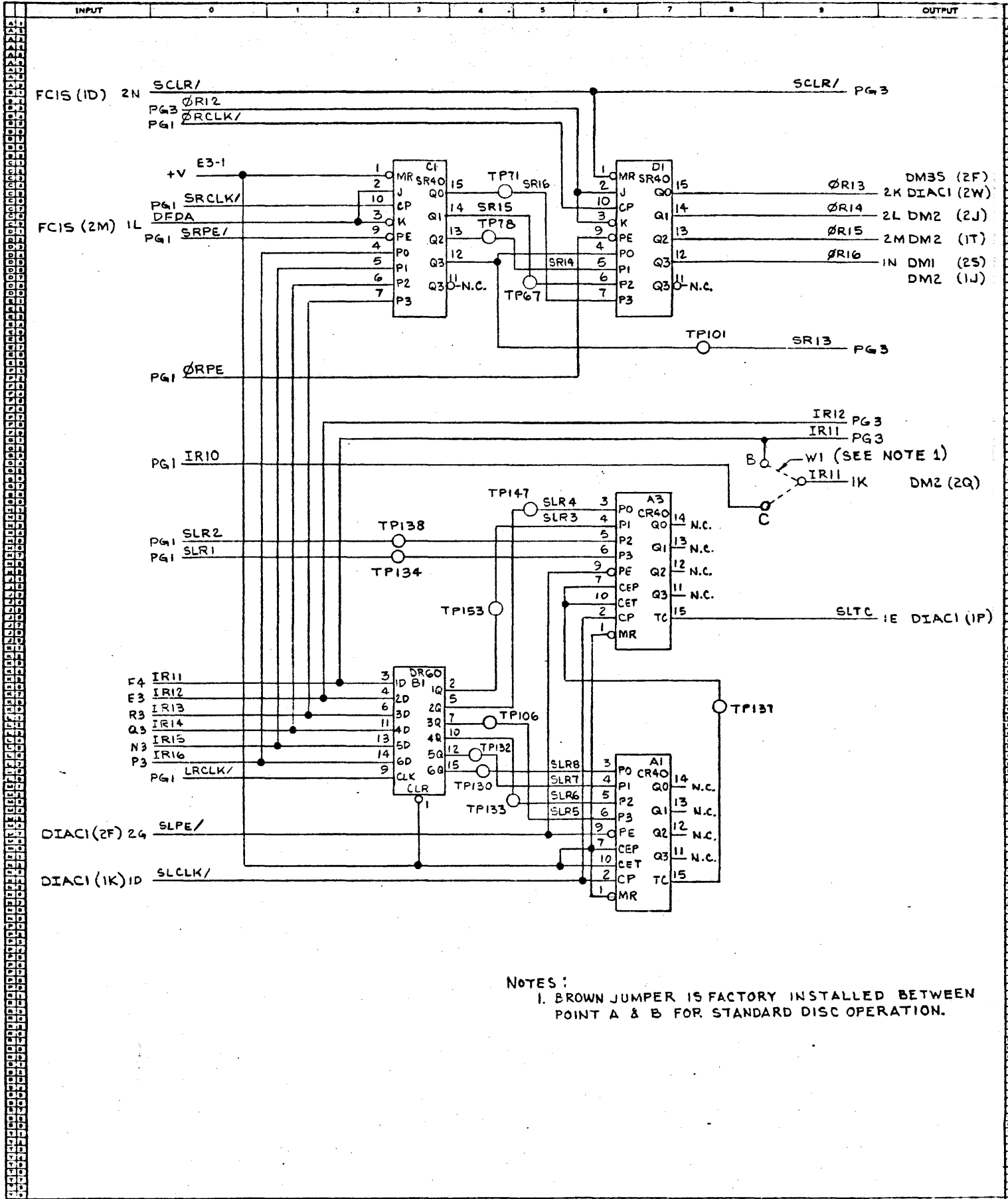
RMCD	1448 2319	1
DR6N	1449 1260	2
B2C0	1447 3581	5
B2C1	1447 3771	3
B2C2	1447 3755	8
CODE	PART NO.	QTY



CC 2-9520

Burrage Corporation		1449 9776		E	
1449 9776		DATE		PAGE 1 of 3	
1449 9776		DATE		PAGE 1 of 3	

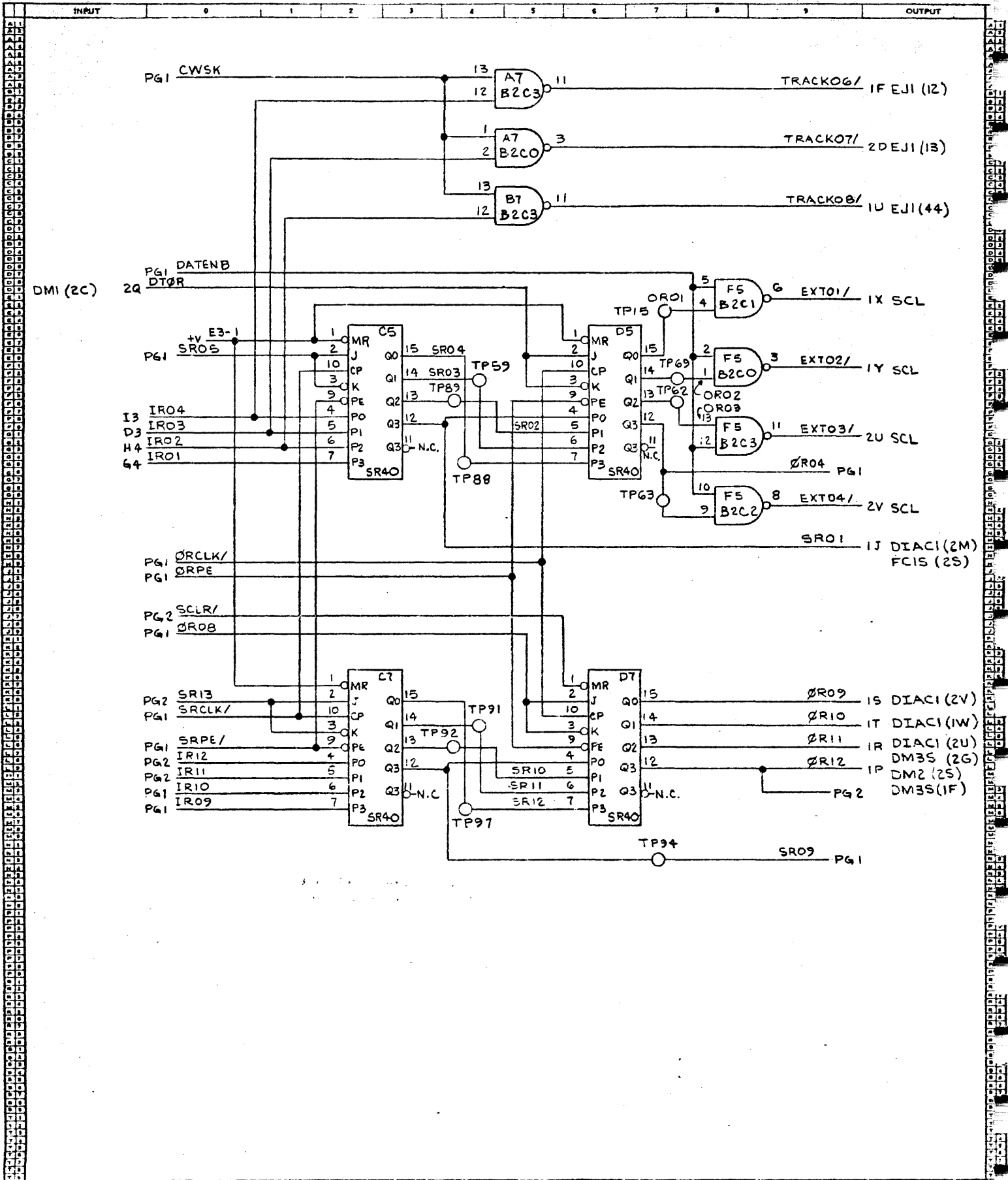
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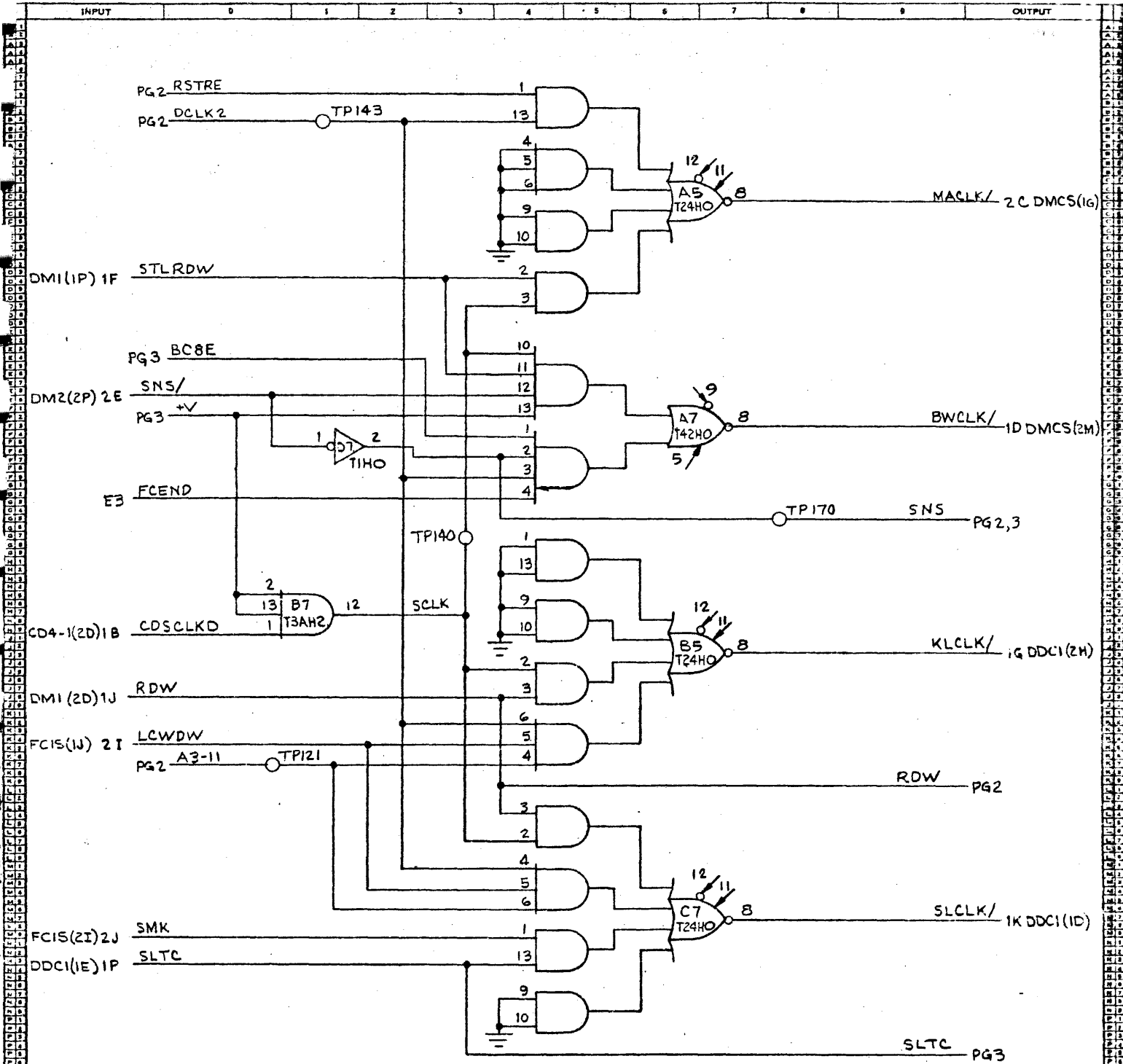
NOTES:
 1. BROWN JUMPER IS FACTORY INSTALLED BETWEEN POINT A & B FOR STANDARD DISC OPERATION.

INPUT	0	1	2	3	4	5	6	7	8	9	OUTPUT
1449 9776 Burroughs Corporation SMALL SYSTEMS PLANT DOWNTOWN, PENNSYLVANIA 19338	TITLE: DDC DRAWN: J. SCHLENNER 12-27-70 CHECKED: [Signature] DATE: [Blank] INCH OR FRACTION: [Blank] DATE: [Blank] APPROVED: [Signature] DATE: [Blank]										NUMBER: 1449 9776 REV: E
	REVISIONS: 1. [Blank] 2. [Blank] 3. [Blank] 4. [Blank] 5. [Blank]										PAGE: 2 OF 2
	PROPERTY OF BURROUGHS CORPORATION - NOT TO BE REPRODUCED OR USED FOR MANUFACTURING PURPOSES EXCEPT IN BURROUGHS' ORDERS OR PRIOR WRITTEN CONSENT										17
	PRINTED IN U.S.A.										

SCHMATIC



SCHEMATIC



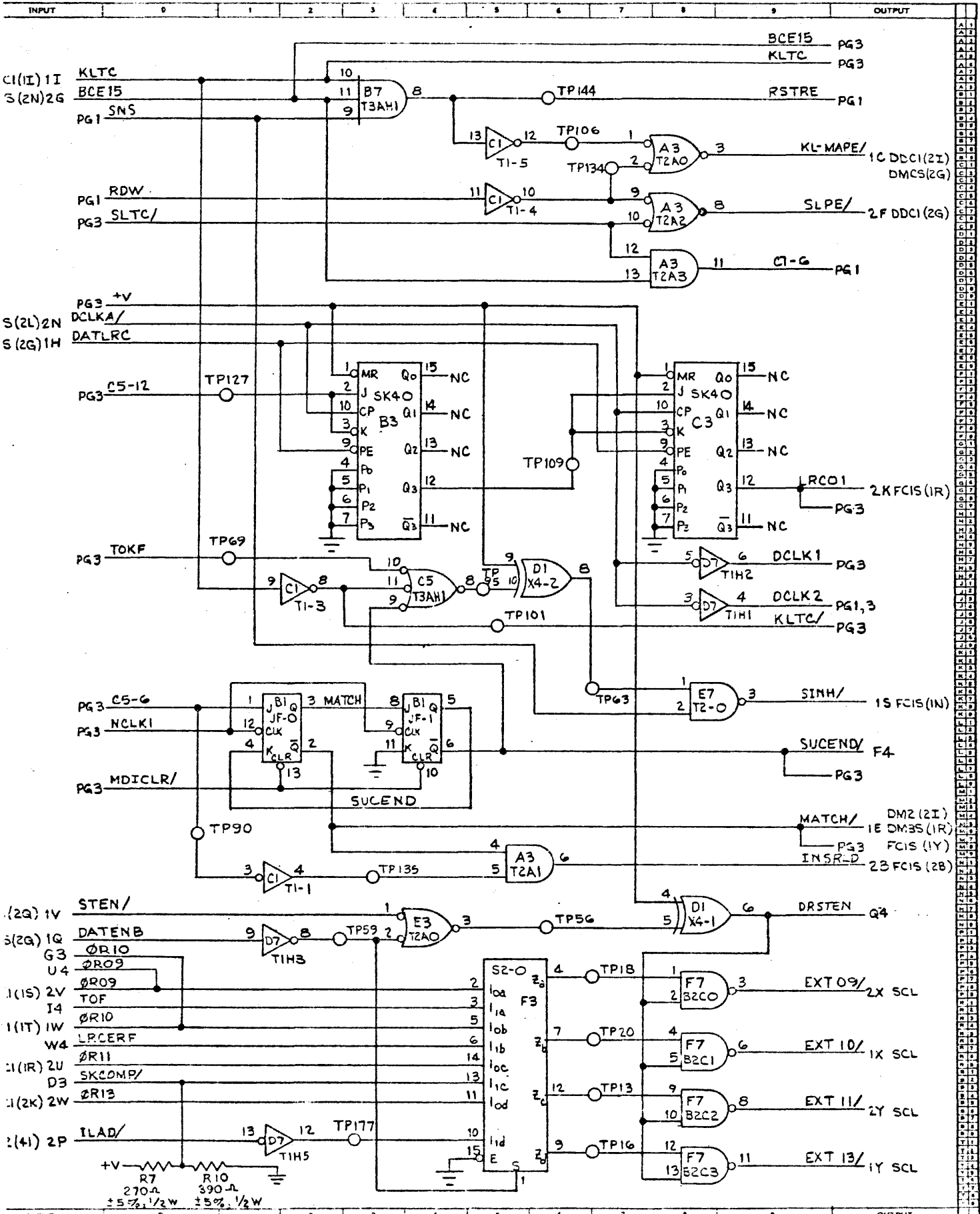
SC-N	1447	3797	1
SK-N		3755	2
T42H		3656	1
T24H		3649	3
JF-N		3615	3
X4-N		3698	1
T4-N		3565	1
3AH		3557	2
E2CN		3581	1
2AN		3524	3
TC-N	1447	3516	2
TH-N	1479	7971	1
TI-N	447	3532	2
CODE	PART NUMBER		QTY

CC 2-9520

U2	U4	U6	U8
Burroughs Corporation MAGNETIC SYSTEMS PLANT DOWNINGTOWN PA 19335 <small>PROPERTY OF BURROUGHS CORPORATION. NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT THE WRITTEN PERMISSION OF BURROUGHS CORPORATION.</small>			
TITLE DIAC 1 SYSTEM DRAWN G.H. APPROVED 2-13-74		CHECKED R. WEAVER RELEASED 8-14-74 19	
DWG. NO. 1449 9925 PAGE 1 OF 2 REV. LETTER G ECN 5596		PRINTED IN U.S.A.	

3	2	1	REV
G	G	G	

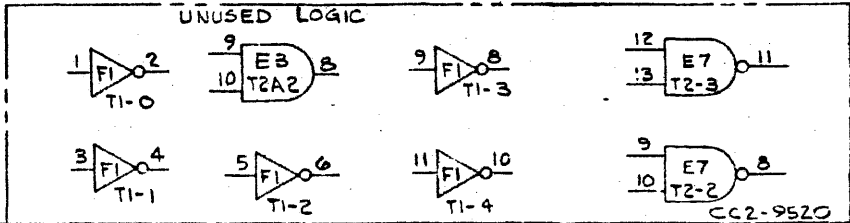
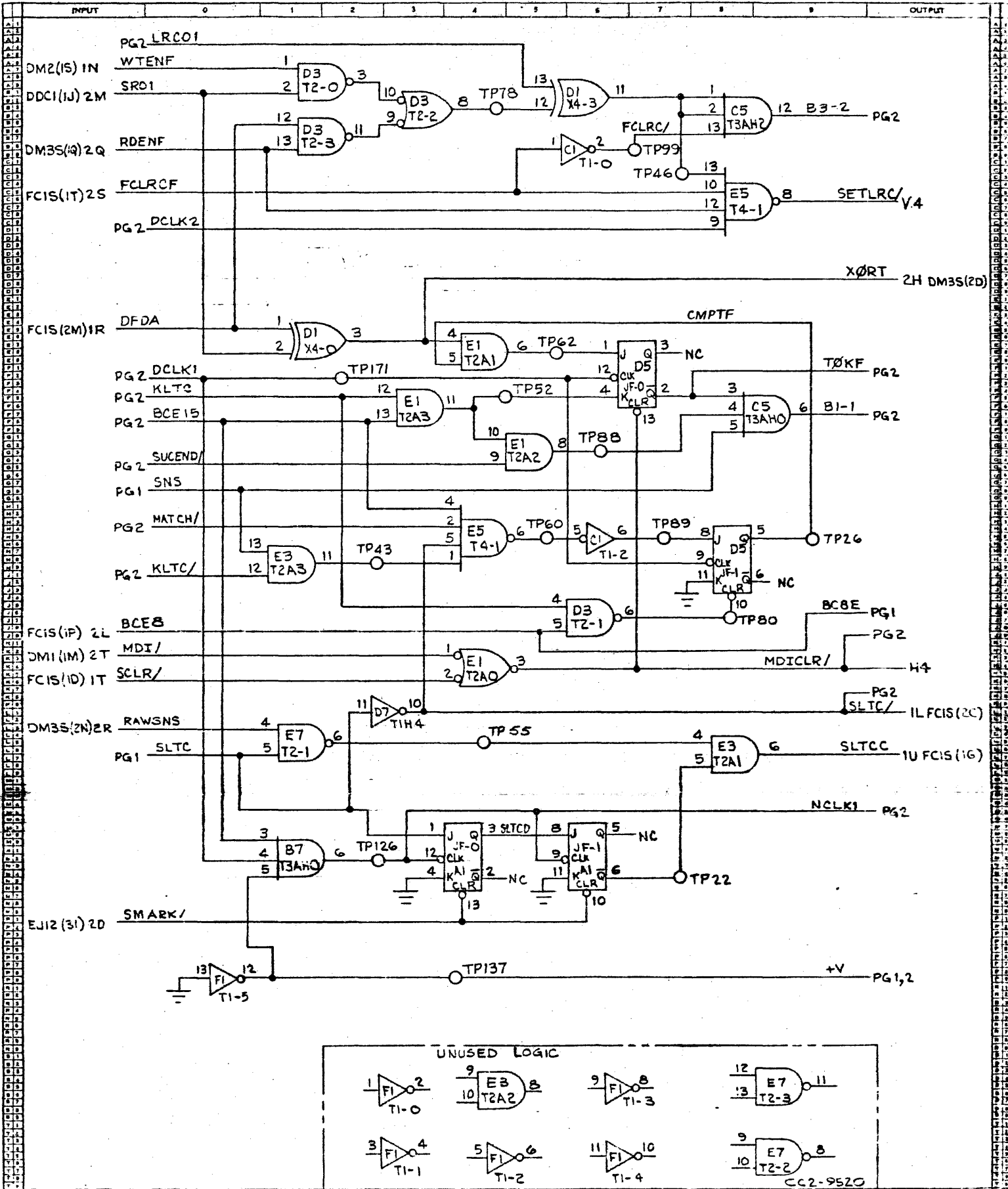
SCHMATIC



Hurroughs Corporation
 MAGNETIC SYSTEMS PLANT
 DOWNINGTOWN, PA 19338

TITLE DIAC1
 SYSTEM
 DRAWN O.H.
 APPROVED
 CHECKED R. WEAVER
 RELEASED 2-14-74
 DWG. NO. 1449 9925
 PAGE 2
 REV LETTER G PER ECN 5376

SCHEMATIC



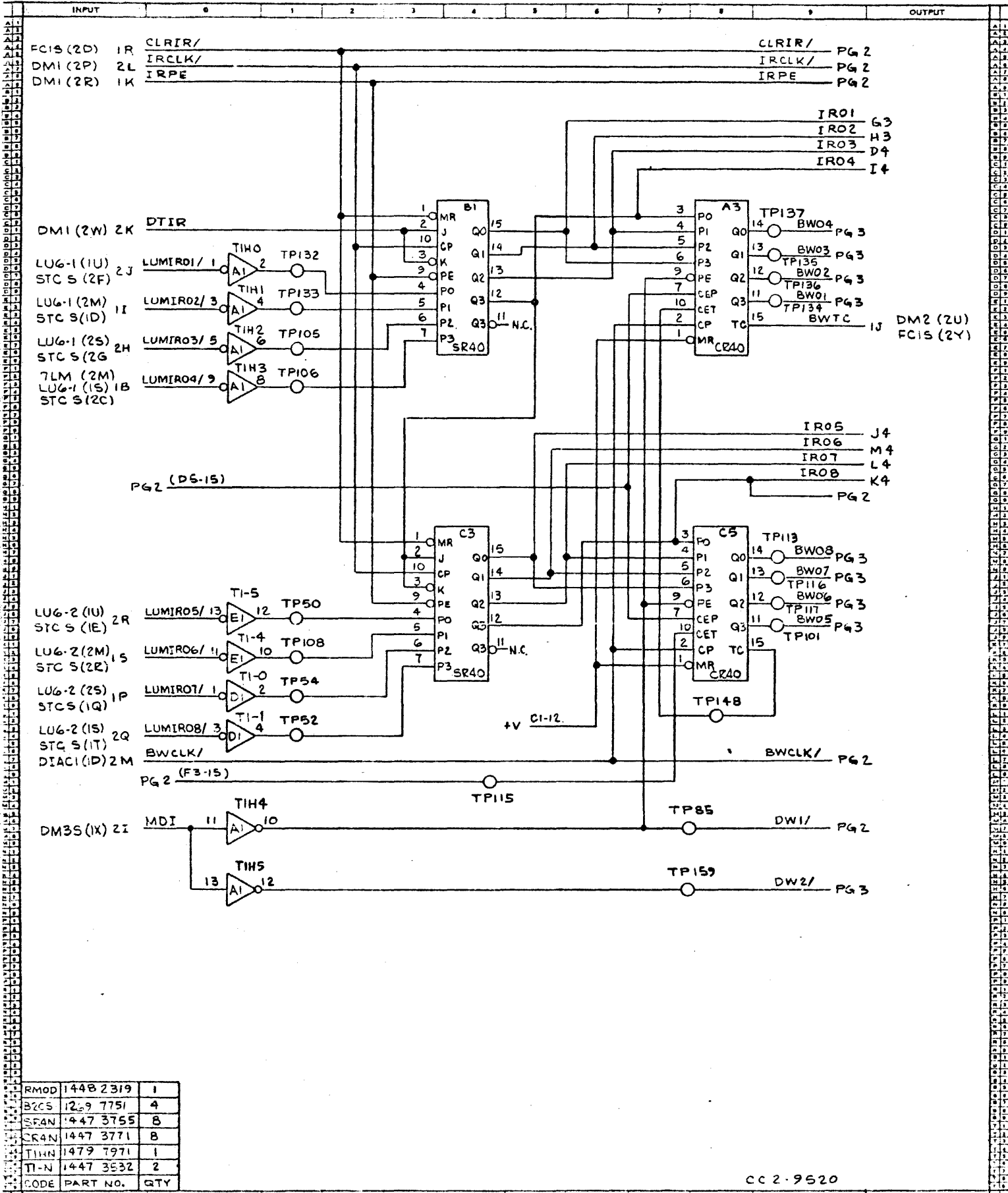
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TITLE DIAC1
 SYSTEM
 DRAWN O.H.
 APPROVED
 2-13-74

CHECKED *P.W.C. 11*
 RELEASED 2-14-74 21

DWG. NO. 1449 9925
 PAGE 3
 REV. LETTER G ECN5376
 JA 5-25-70 1 & 2

SCHEMATIC



RMOD	1448 2319	1
BZCS	1229 7751	4
SFAN	1447 3755	8
CRAN	1447 3771	8
TIHN	1479 7971	1
TI-N	1447 3532	2
CODE	PART NO.	QTY

CC 2-9520

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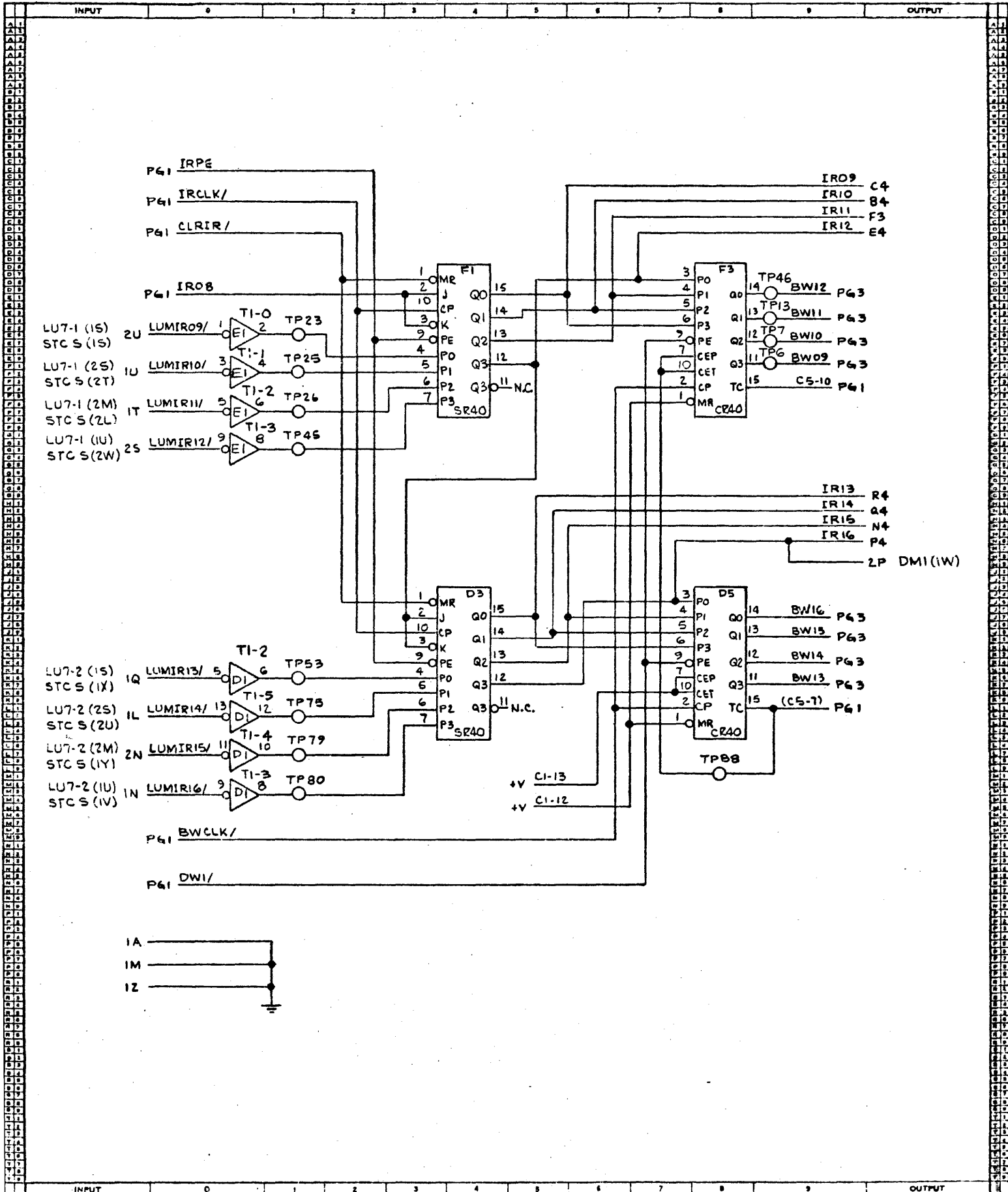
DATE: 2608 4806 B

APPROVED: [Signature]

DATE: JAN 1 1963

262

SCHEMATIC



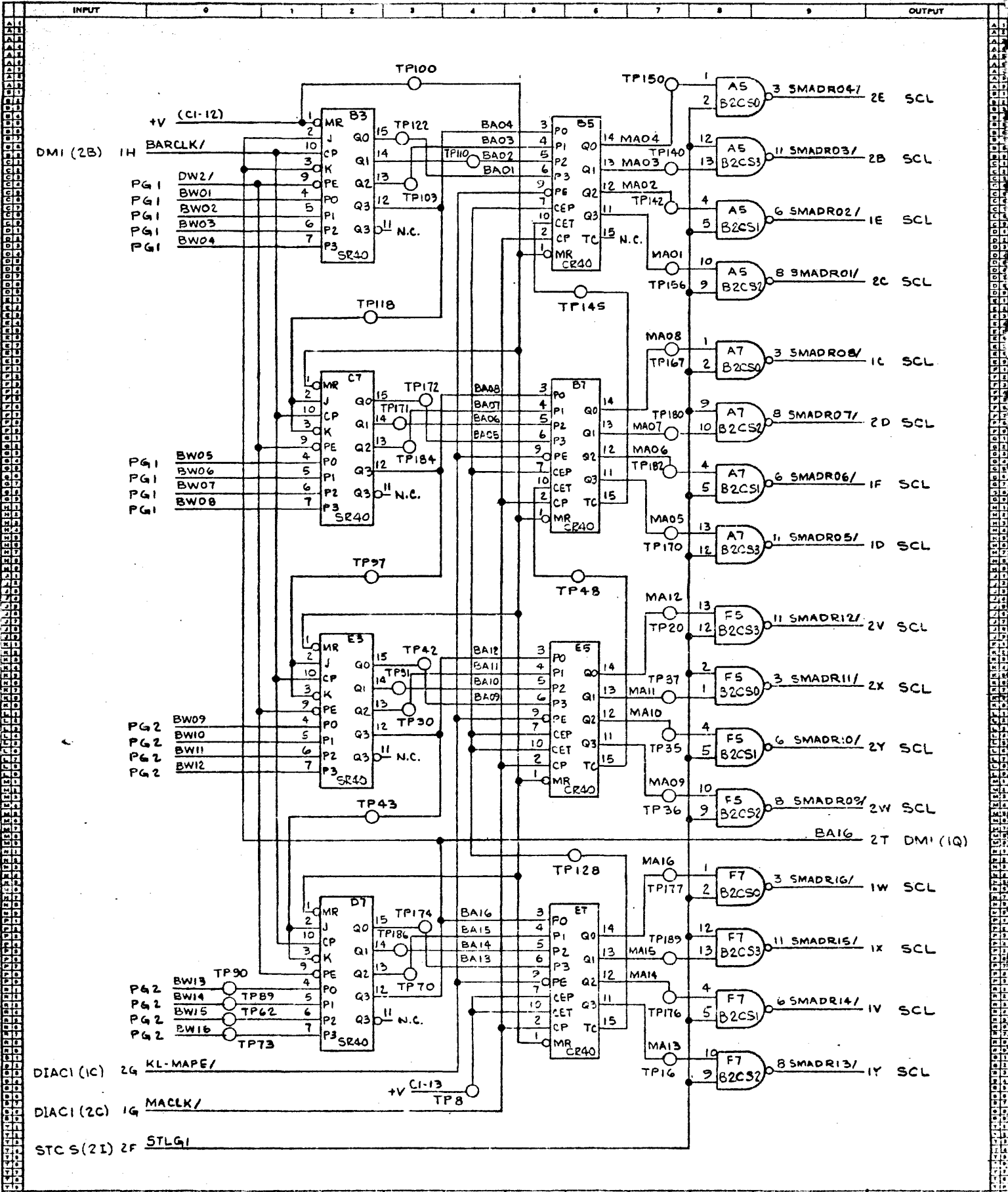
Burroughs Corporation
 MAGNETIC SYSTEMS PLANT DOWNTOWN, PA 19138
PROPERTY OF BURROUGHS CORP. NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT THE WRITTEN CONSENT OF BURROUGHS CORPORATION.

TITLE DISC MEMORY CONTROL - DMC(S)
 SYSTEM
 DRAWN
 APPROVED

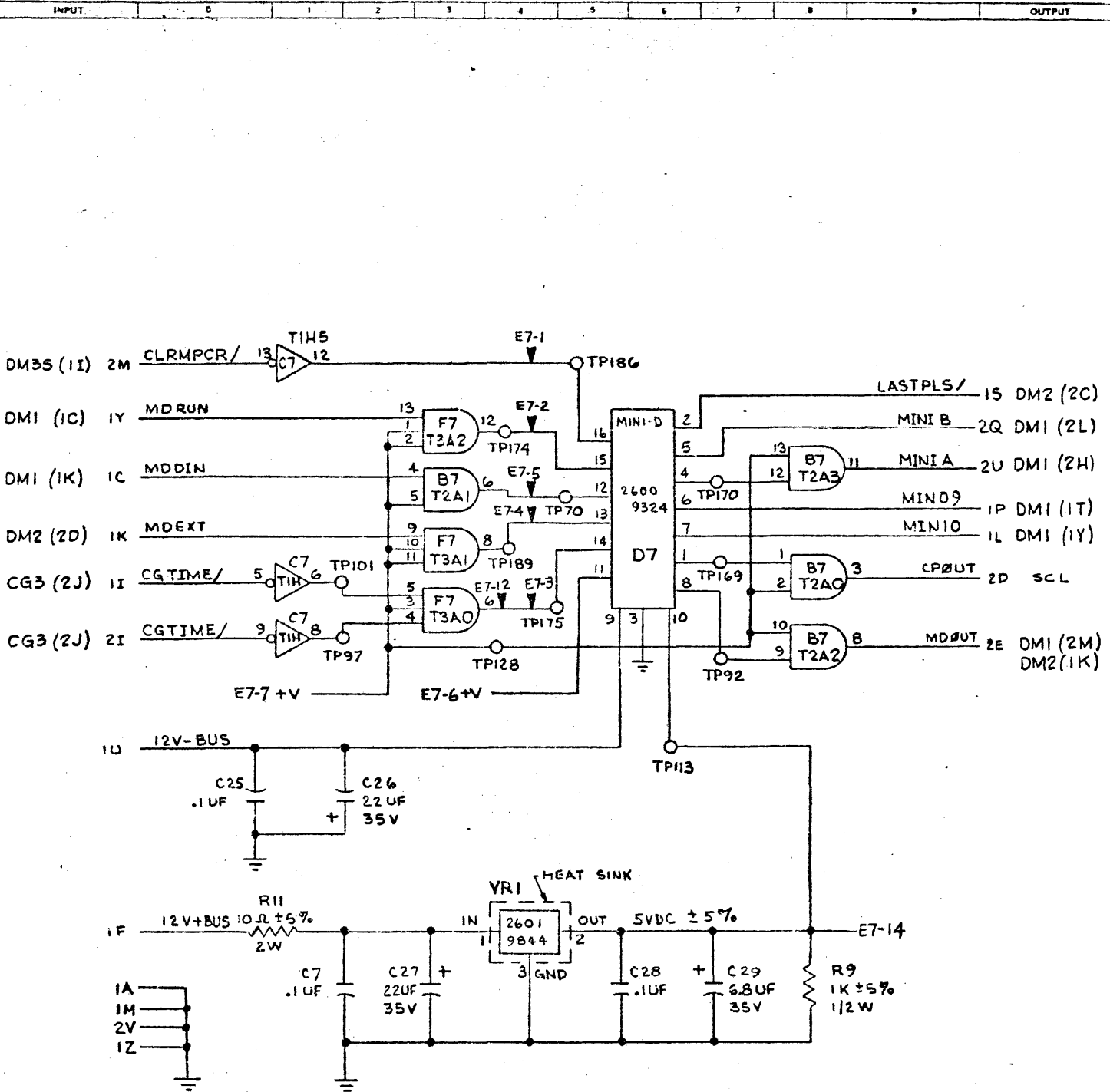
CHECKED
 RELEASED

DWG. NO. 2608 4806
 PAGE 2
 REV. LETTER B 23

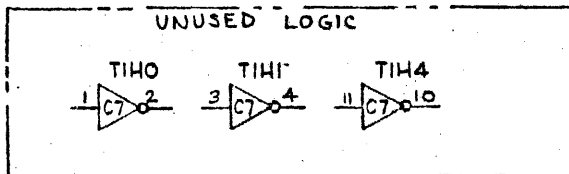
SCHEMATIC



SCHEMATIC



▽ DESIGNATES PULLUP RESISTOR

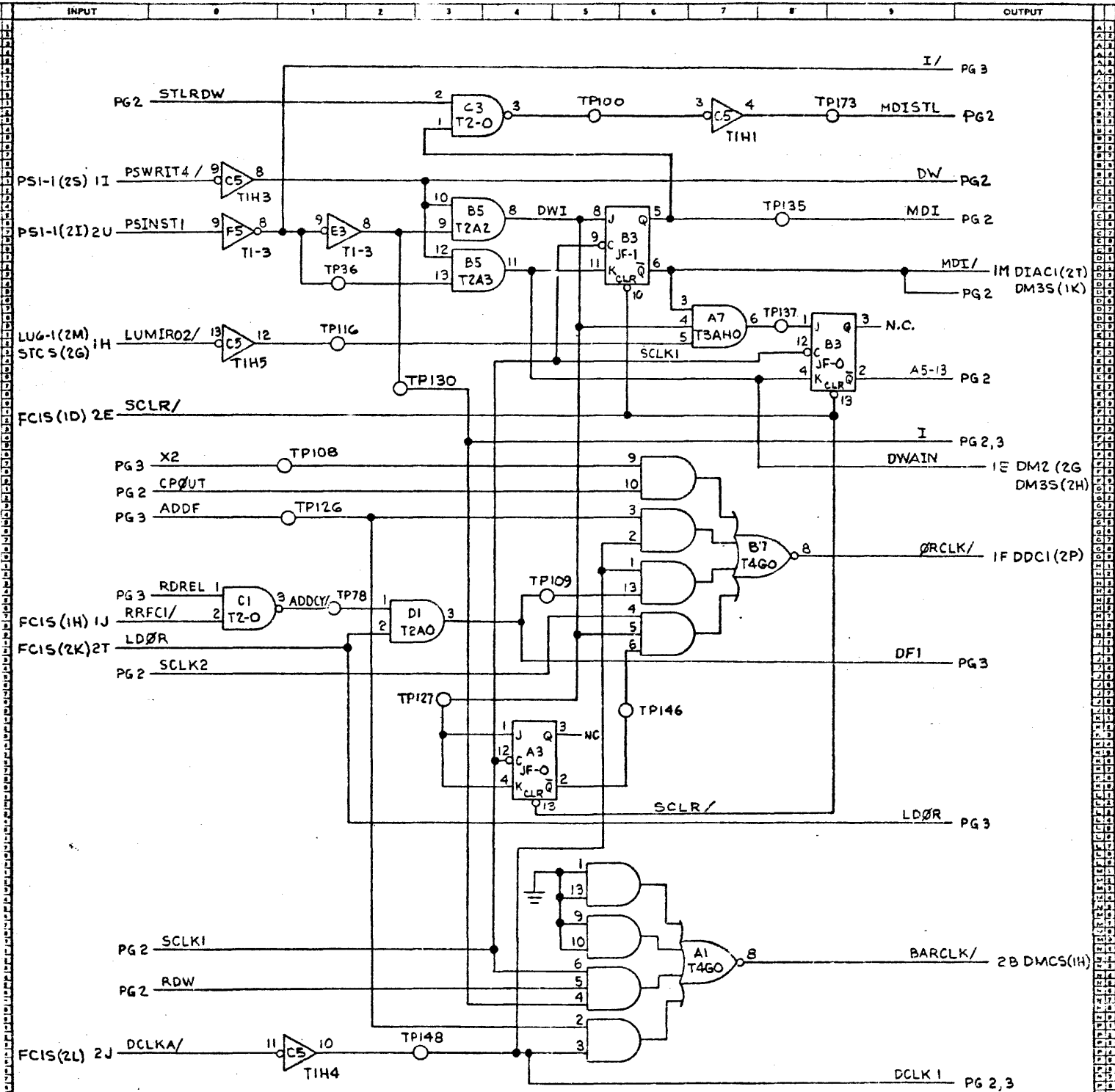


CC-2-9520

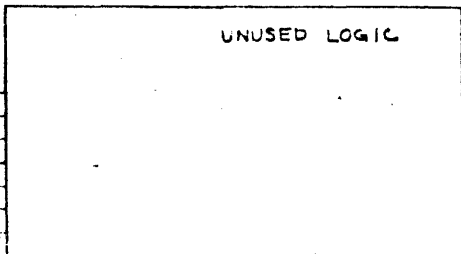
R MOD	1448 2319	1
	2600 9324	1
PLAN	1447 3557	1
TOAN	1447 3524	1
TIH-N	1479 7971	1
CODE	REV NO	QTY

Burroughs Corporation DOWNTOWN PLANT COMPUTER SYSTEMS GROUP		TITLE DMD 2603 6327 D		25	
---	--	-----------------------------	--	----	--

SCHMATIC



* INDICATES UNABLE TO OBTAIN TEST POINT.

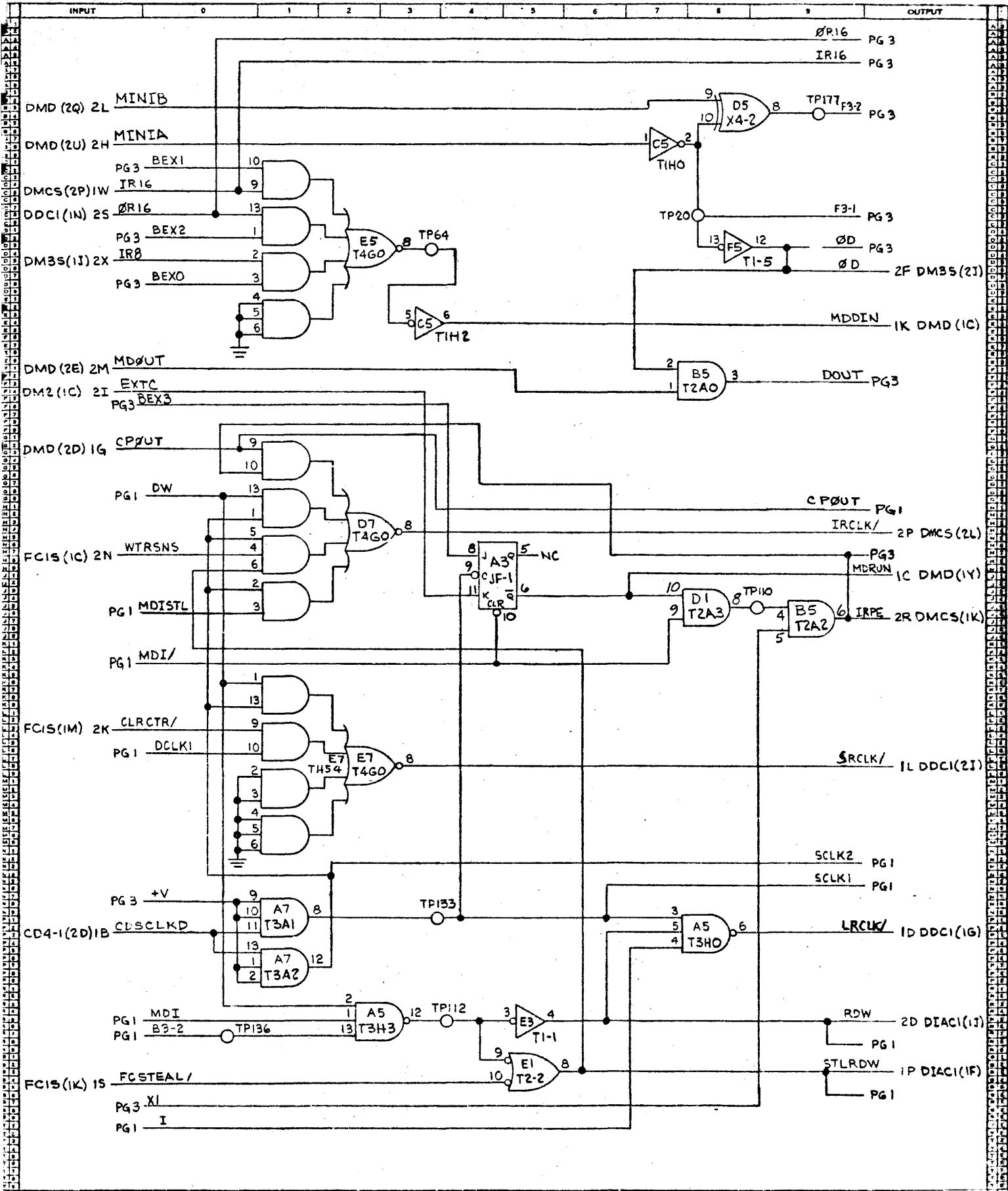


T3AH	14473557	1			
T3HN	14868780	1			
T2AN	14473524	2	DC2N	14473722	1
T2-N	14473516	4	TAGN	14492573	5
T1HN	14797971	1	JF-N	14473615	3
T1-N	14473532	2	X4-N	14473623	1
CODE	PART NUMBER	QTY	CODE	PART NUMBER	QTY

CC 2-7520

Burroughs Corporation MAGNETIC SYSTEMS PLANT DOWNTOWN, PA 19335		TITLE DMI SYSTEM DRAWN S. HOROWITZ CHECKED [Signature] APPROVED [Signature] RELEASED [Signature]	DWG. NO. 1447367 PAGE 1 OF 1 REV. LETTER F PER EGM 5376
--	--	--	---

SCHEMATIC

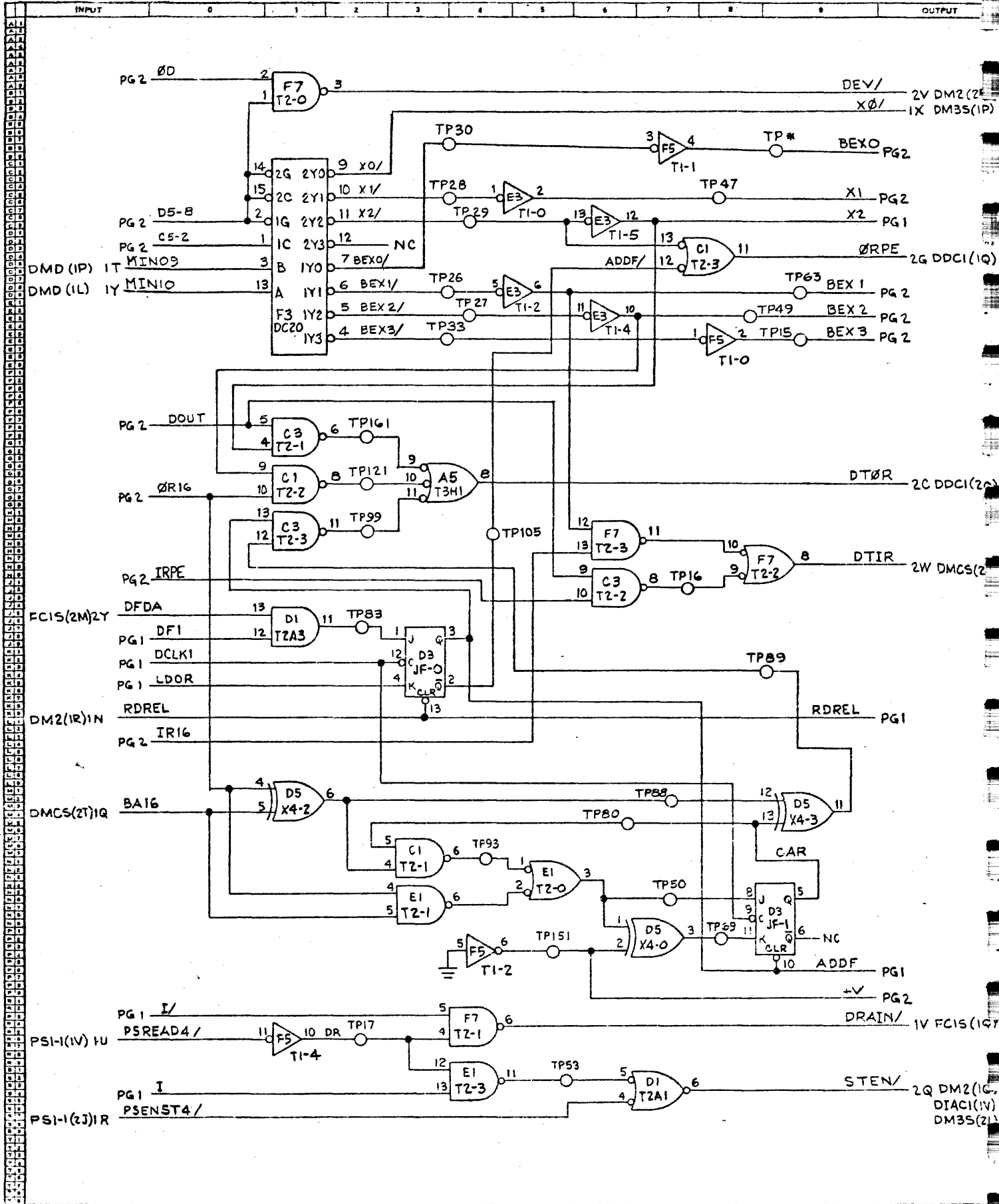


INPUT 0 1 2 3 4 5 6 7 8 9 OUTPUT

Burroughs Corporation
 MAGNETIC SYSTEMS PLANT DOWNTOWN, PA 19335

TITLE DM1
 SYSTEM
 DRAWN D. HOROWITZ
 APPROVED [Signature]
 CHECKED [Signature] RELEASED [Signature]
 DWG. NO. 1443 3867
 PAGE 2
 REV. LETTER F PER ECN 5374

SCHEMATIC

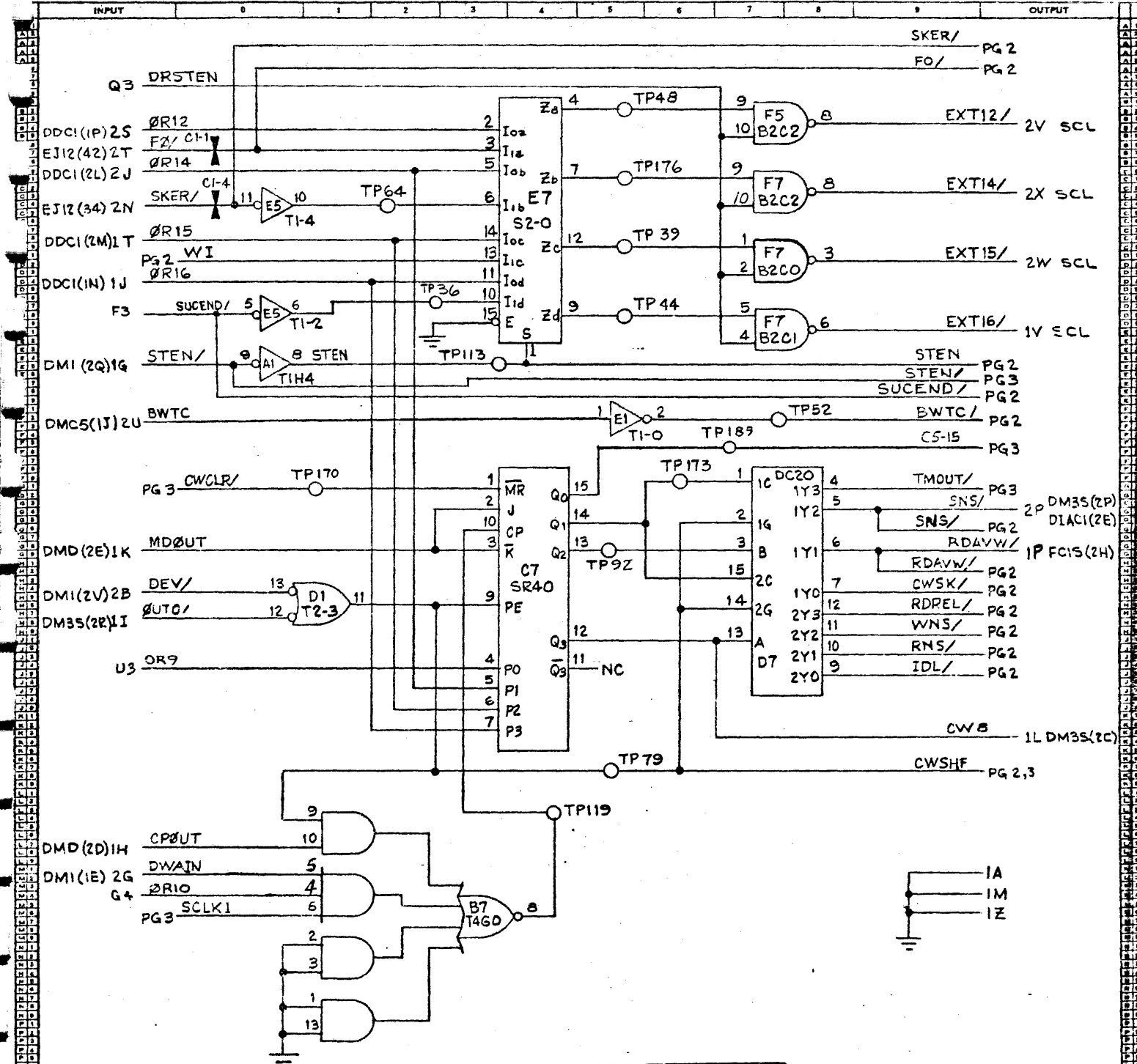


INPUT 0 1 2 3 4 5 6 7 8 9 OUTPUT

Hurlock Corporation
 MAGNETIC SYSTEMS PLANT
 DOWNINGTOWN, PA 19335

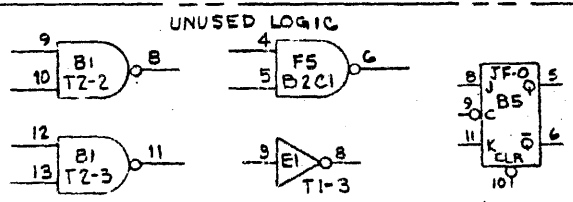
TITLE DM 1
 SYSTEM
 DRAWN D. HORGWITZ CHECKED [Signature] DWG. NO. 1409 9867
 APPROVED [Signature] RELEASED [Signature] PAGE 3
 REV. LETTER F [Signature] 5/21/67
 28

SCHEMATIC



T2HN	1479	0240	1
R MOD	1447	5336	1
T4-N	1447	3565	1
T3AH	1447	3557	1
B2CN	1447	3581	2
T2AN	1447	3524	1
T2-N	1447	3516	2
TIHN	1479	7971	1
TI-N	1447	3532	2
S2-N	1447	3797	1
SRAN	1447	3755	1
JF-N	1447	3615	1
T4GN	1449	2573	3
DRAN	1449	1278	2
DC2N	1447	3722	1
DF-N	1447	3607	2

⏏ INDICATES TERMINATING RESISTOR. 257Ω TO +5V, 402Ω TO GND.



CODE	PART NO.	QTY
------	----------	-----

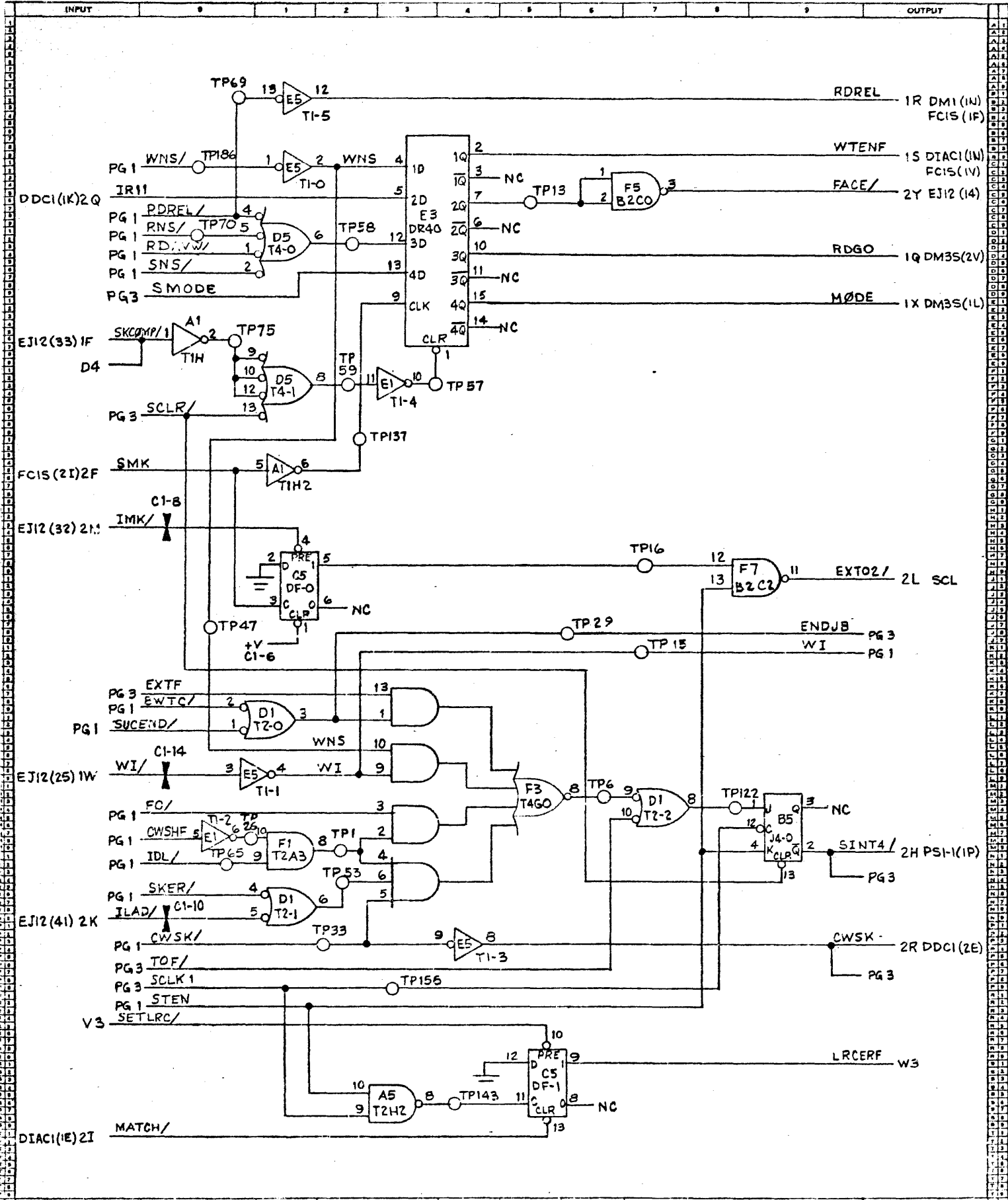
CC2-9520

Burroughs Corporation
 MAGNETIC SYSTEMS PLANT, DOWNTOWN PA 19335

TITLE DM2
 SYSTEM DRAWN T. ROBINSON CHECKED [Signature] DWG. NO. 1449 9891
 APPROVED [Signature] RELEASED [Signature] PAGE 1 OF 3
 REV. LETTER F ECN 5376

REV. 10
 EFF. REV.

SCHMATIC



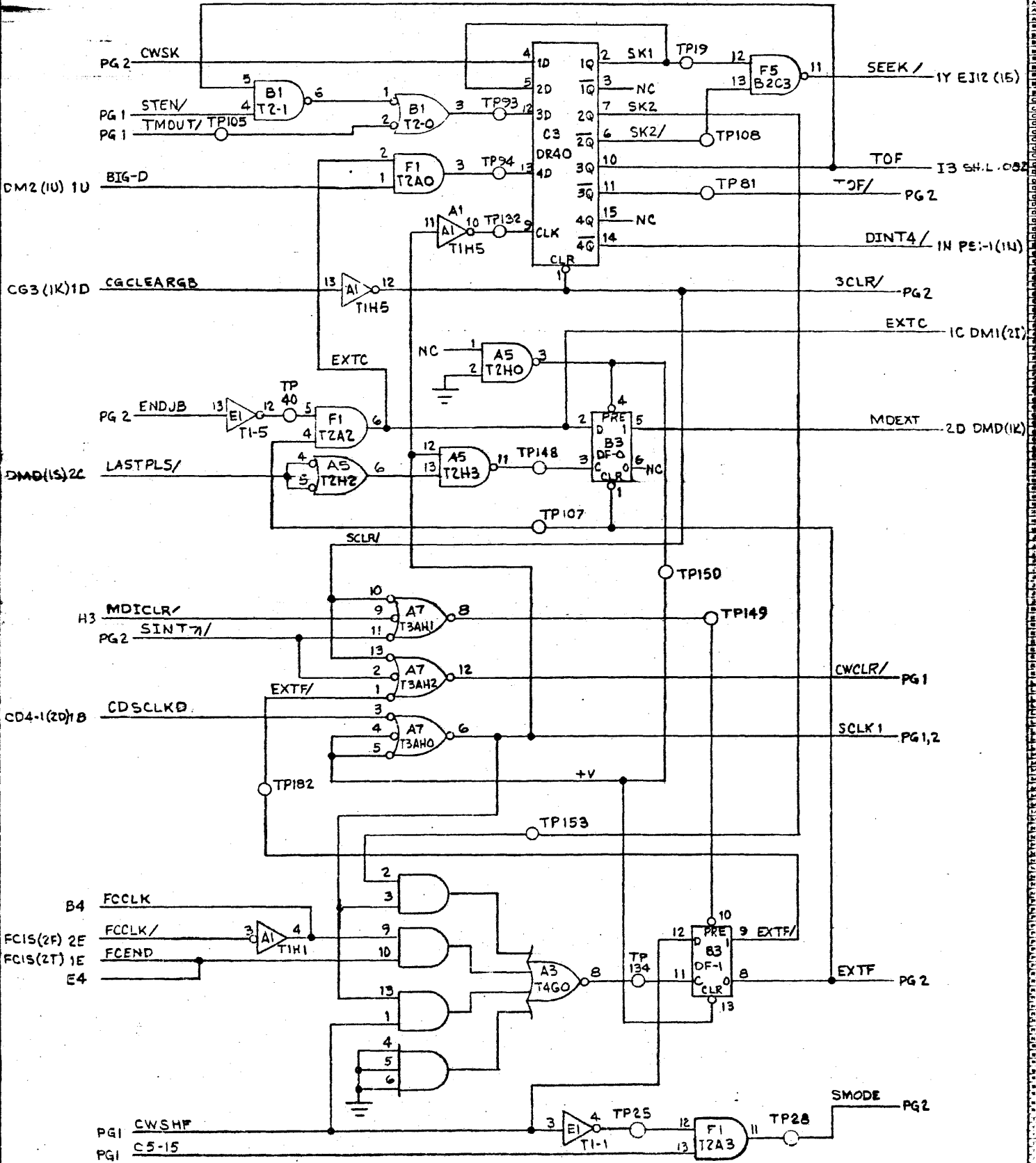
Burroughs Corporation
 MAGNETIC SYSTEMS PLANT - DOWNTOWN, PA 19122

TITLE: DM 2 SYSTEM
 DRAWN: T. ROBINSON
 APPROVED: [Signature]
 CHECKED: [Signature]
 RELEASED: [Signature]
 DWG. NO. 1449 9631
 PAGE 2
 REV. LETTER F ECN 5376

30

SCHMATIC

INPUT 0 1 2 3 4 5 6 7 8 9 OUTPUT

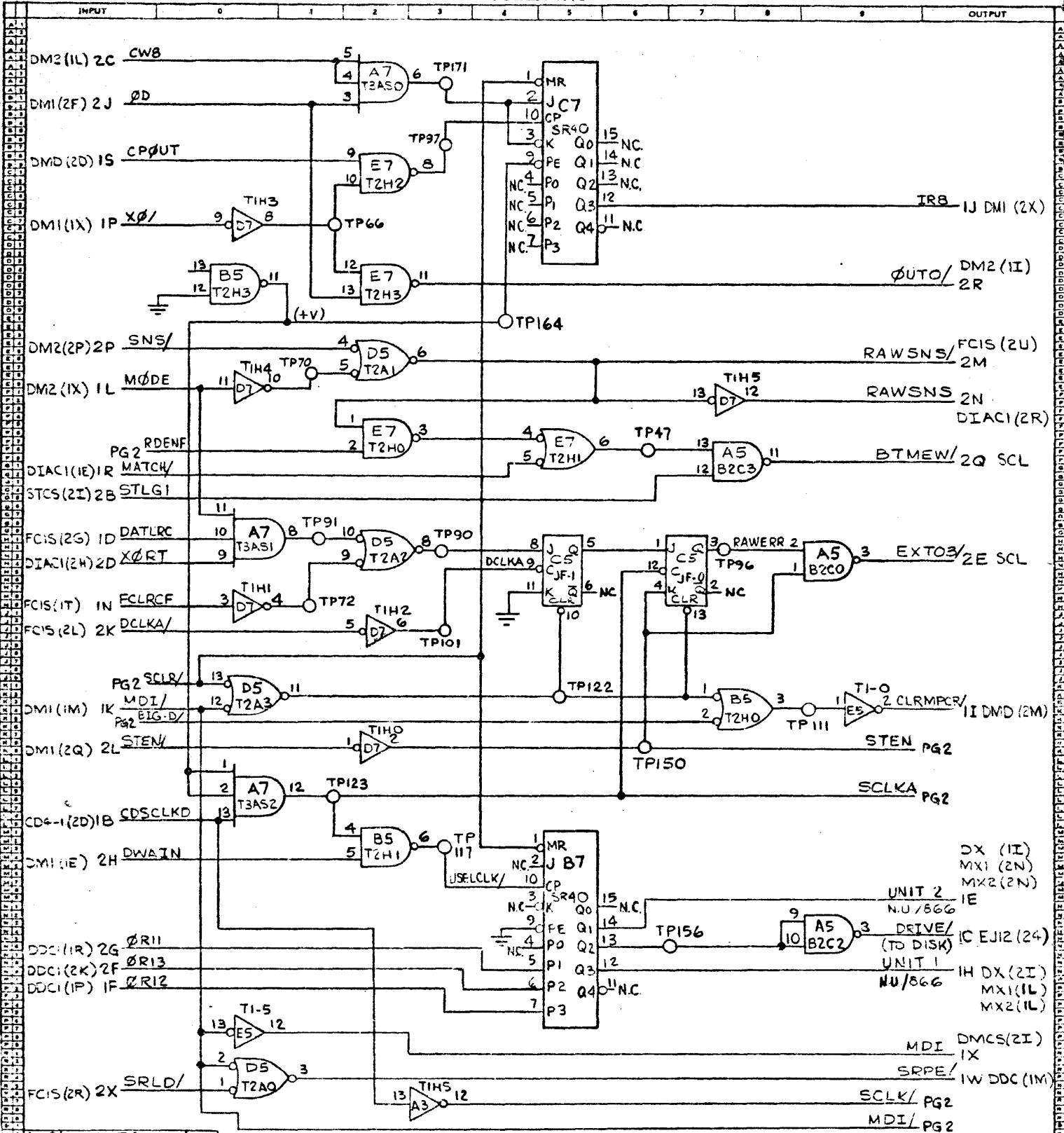


INPUT 0 1 2 3 4 5 6 7 8 9 OUTPUT

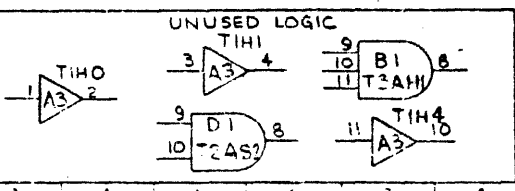
Burroughs Corporation
 MAGNETIC SYSTEMS PLANT 3 DOWNINGTOWN PA 19335
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TITLE DM 2 SYSTEM
 DRAWN T. ROBINSON
 APPROVED [Signature]
 CHECKED [Signature] RELEASED [Signature]
 DWG. NO. 449 9391
 PAGE 3
 REV. LETTER F ECN 5376
 31

SCHEMATIC



S112	2602	7417	1	T2AS	2604	6805	1
T3AS	2600	1511	1	SR4N	1447	3755	2
T3AH	1447	3557	1	CR4N	1447	3771	2
T2HN	1479	0240	2	DFN	1447	3607	1
B2CN	1447	3581	1	JFN	1447	3615	1
T2AN	1447	3524	1	TIN	1447	3532	1
TIHN	1479	7371	2				
QCL	PART NO.	QTY	CODE	PART NO.	QTY		

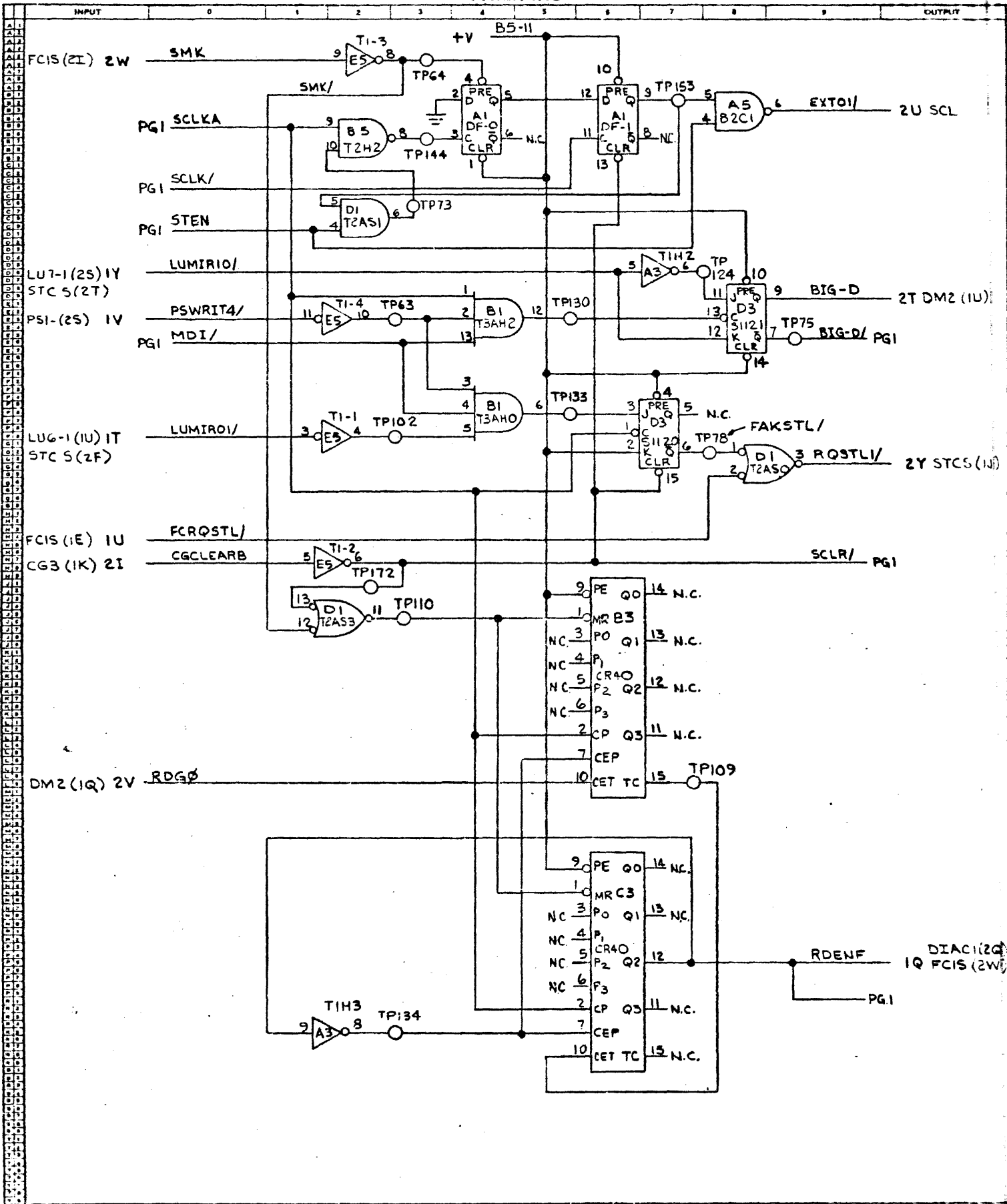


CC-2-9520

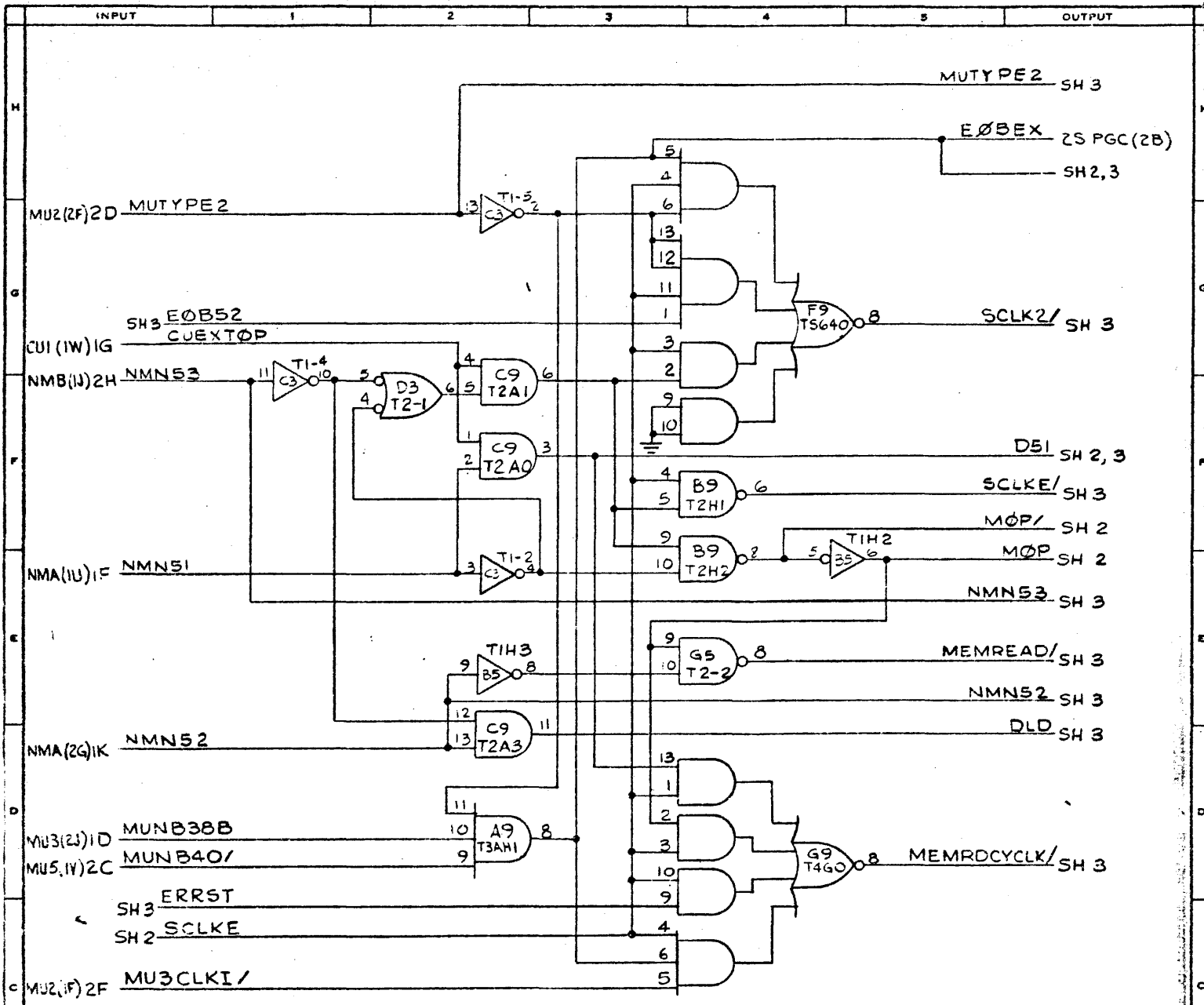
BURROUGHS CORPORATION 300 N. ZEEB ROAD WARREN, MICHIGAN 48090	TITLE: DM 35	NUMBER: 203 4830 B
	DATE:	DATE:
DRAWN:	CHECKED:	APPROVED:
PART NO.	PART NO.	PART NO.
QTY	QTY	QTY

PAGE 1 OF 2

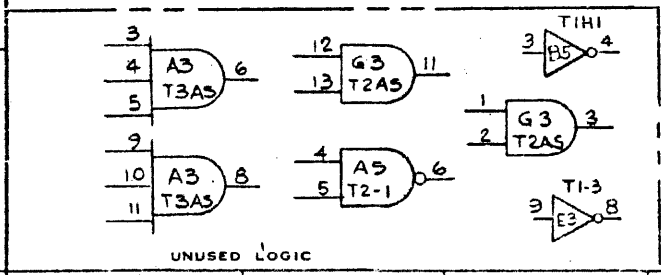
SCHMATIC

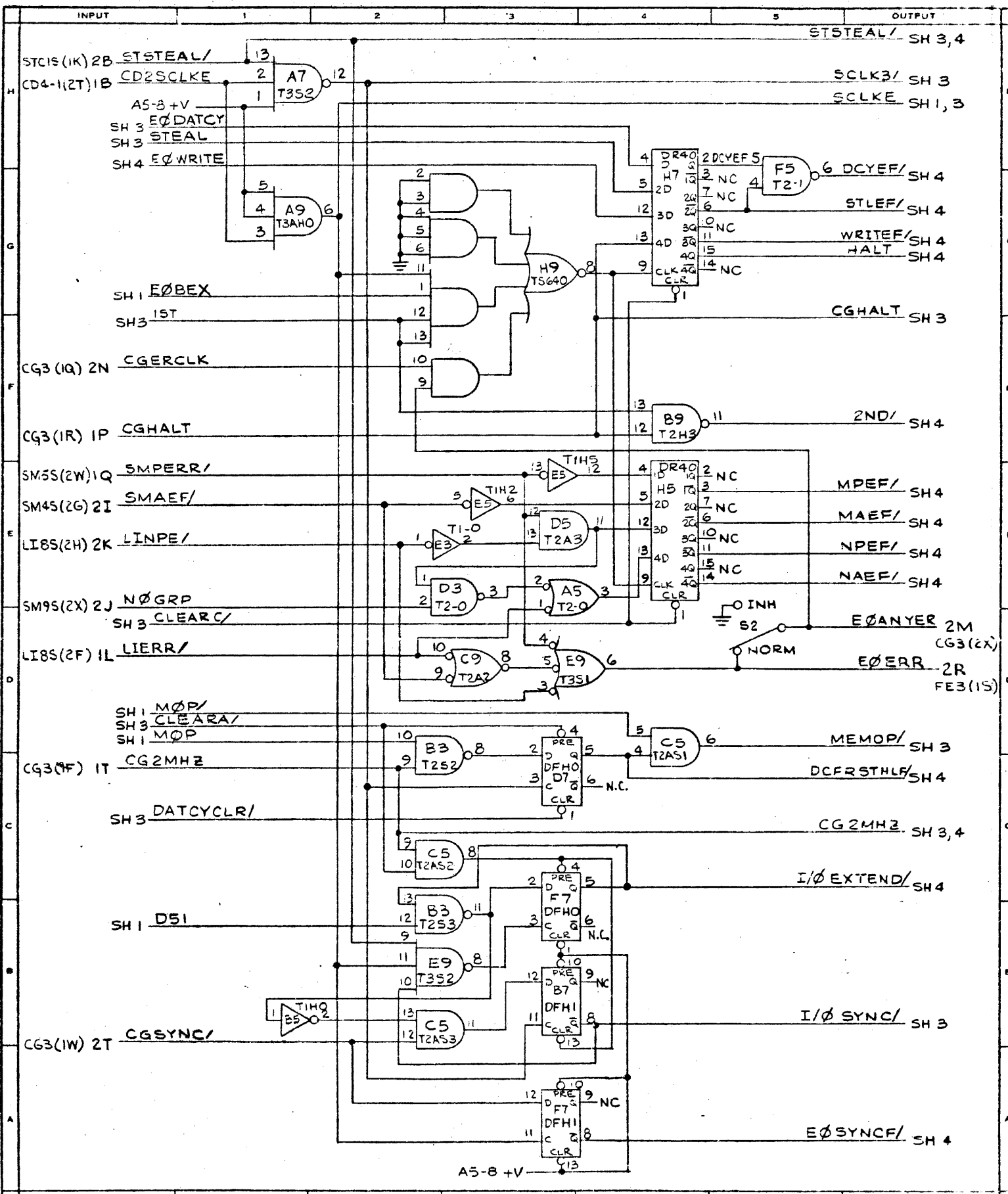


INPUT	0	1	2	3	4	5	6	7	8	9	OUTPUT
Burroughs Corporation DOWNINGTOWN PLANT COMPUTER SYSTEMS GROUP		TITLE: DM3S		2608 4830 B		DATE: 6/11/72		2		33	

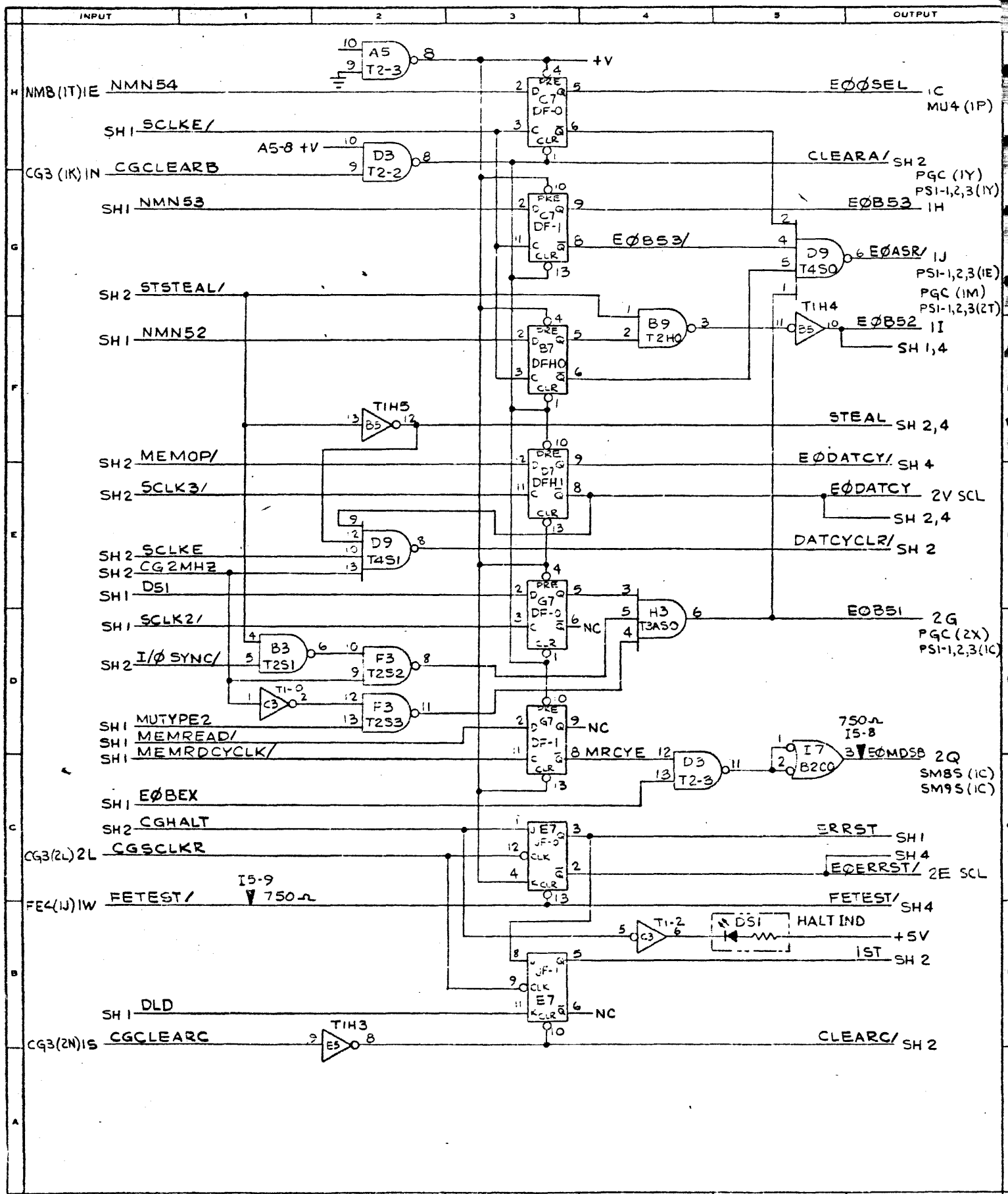


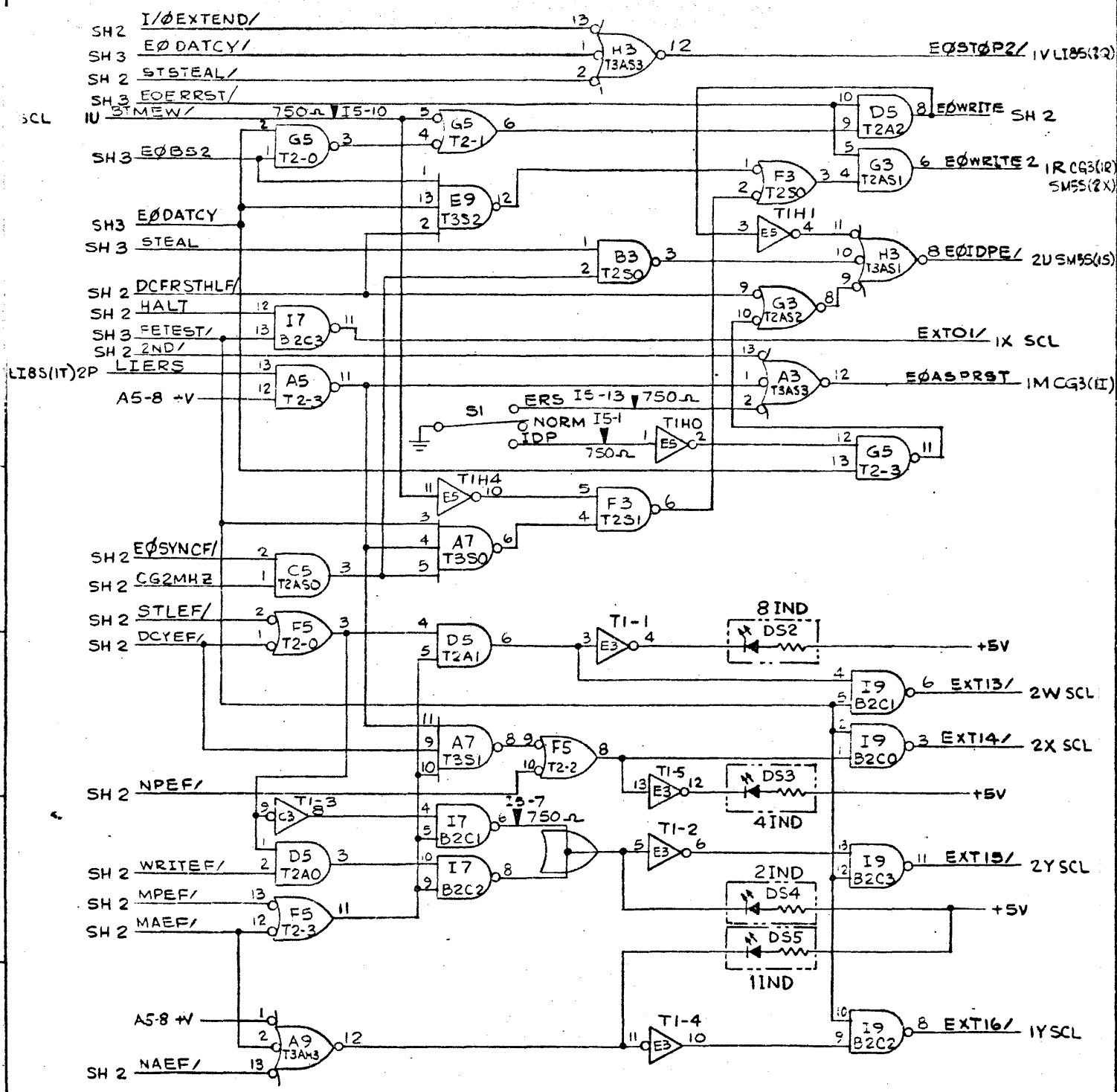
CODE	PART NO	QTY	LOCATION
T2SN	2600 487	2	
DF-N	1447 3607	2	
TI-N	1447 3532	2	
T2N	447 3516	4	
T4SN	2602 7359	1	
T2HN	479 0210	1	
T3SN	2600 1503	2	
T3AH	1447 3557	1	
DR4N	1449 275	2	
T3AS	2600 1511	2	
T2AS	2604 6603	2	
B2CM	447 3581	2	
JF-N	447 3615	1	
RMOD	2606 0384	1	
T4GN	1449 2572	1	
T2AN	447 3524	2	
TIHN	1479 7511	2	
T564	2601 2781	2	
DFHN	1447 3523	3	





35





Burrhoughs Corporation

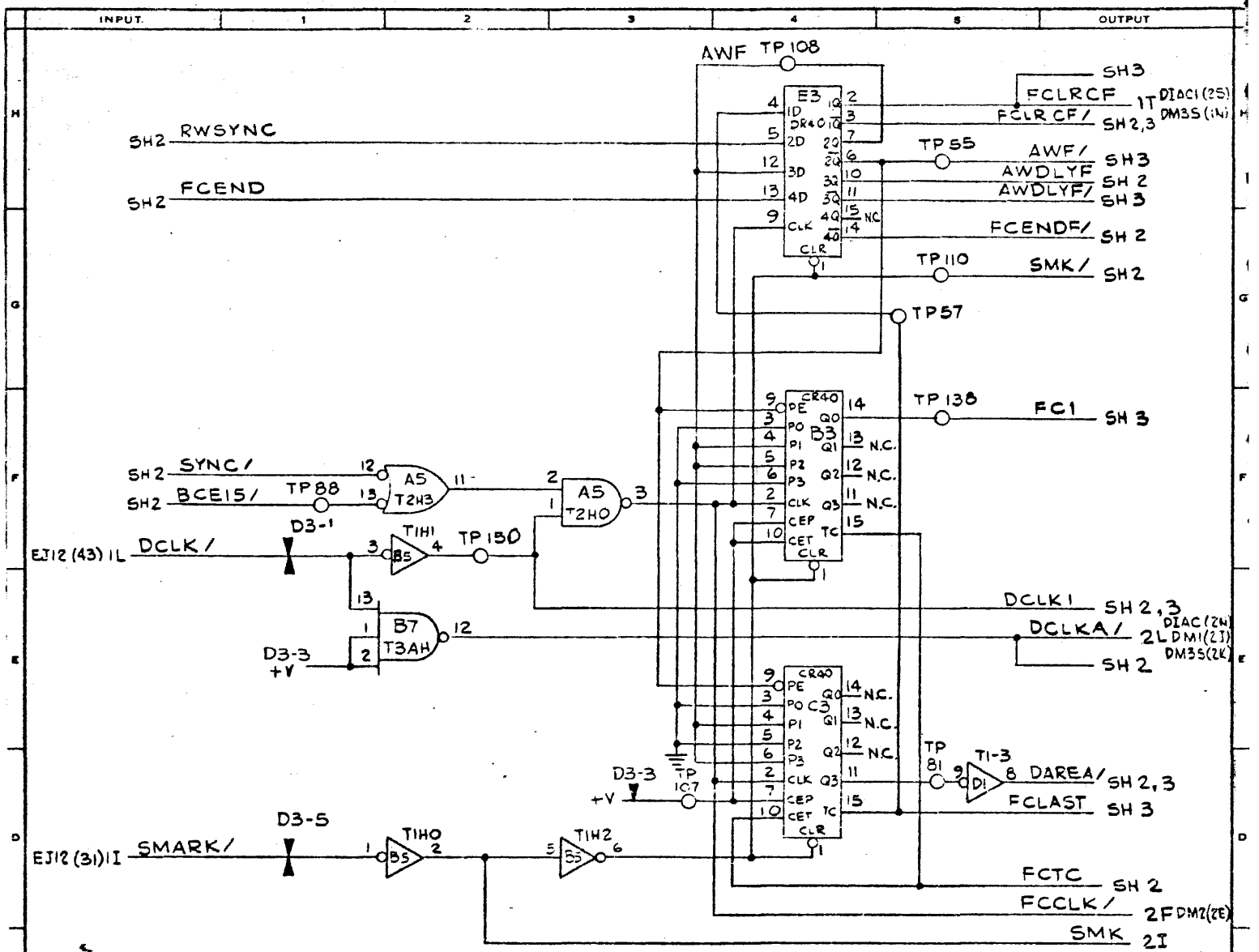
COMPUTER SYSTEMS GROUP
 DOWNINGTOWN PA 19335
 DOWNINGTOWN IN PLANT
 U.S. AMERICA

REVISIONS

FILE E03 CLASS E084
 2-9520

37 4 2608 3659 038 B

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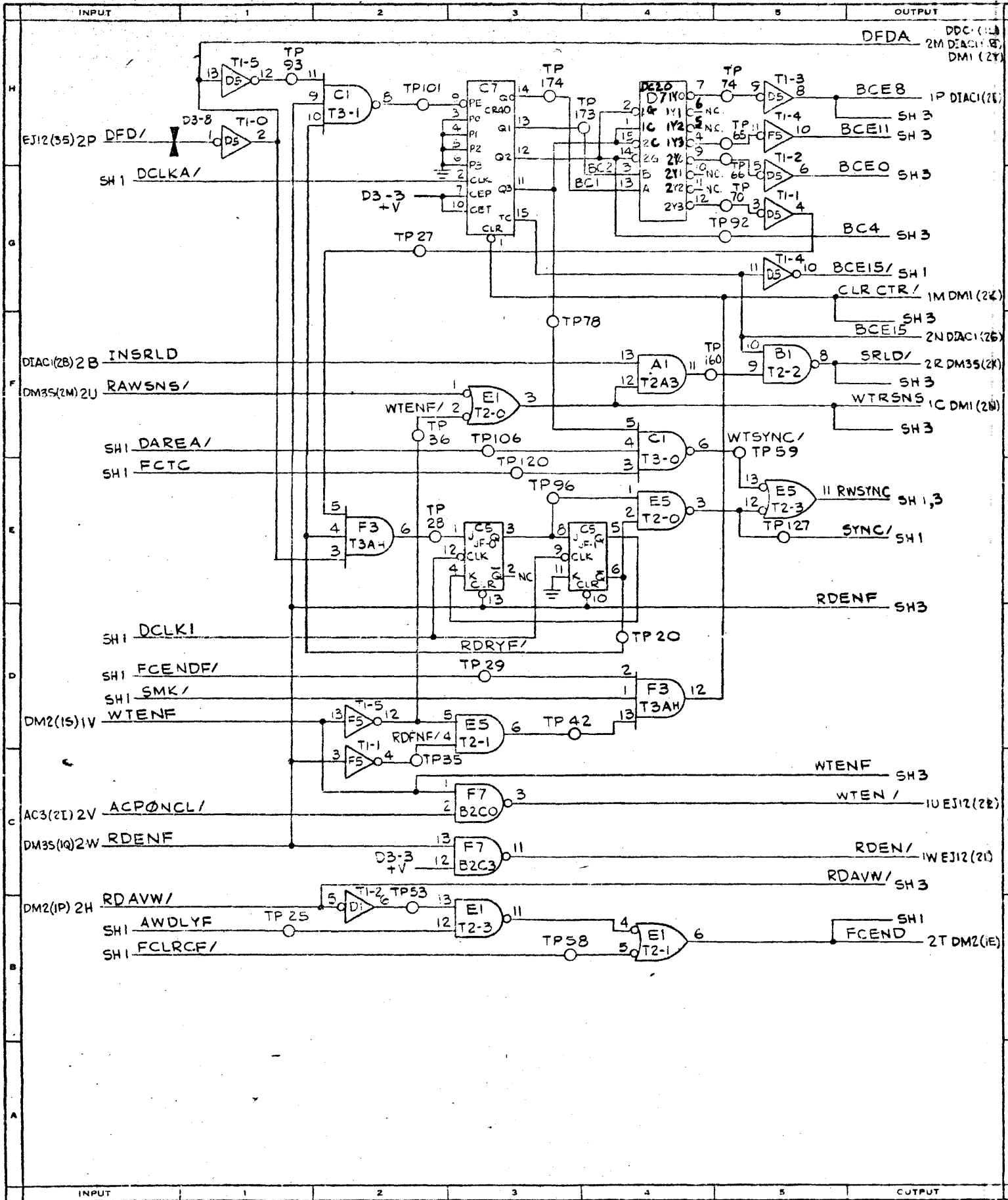


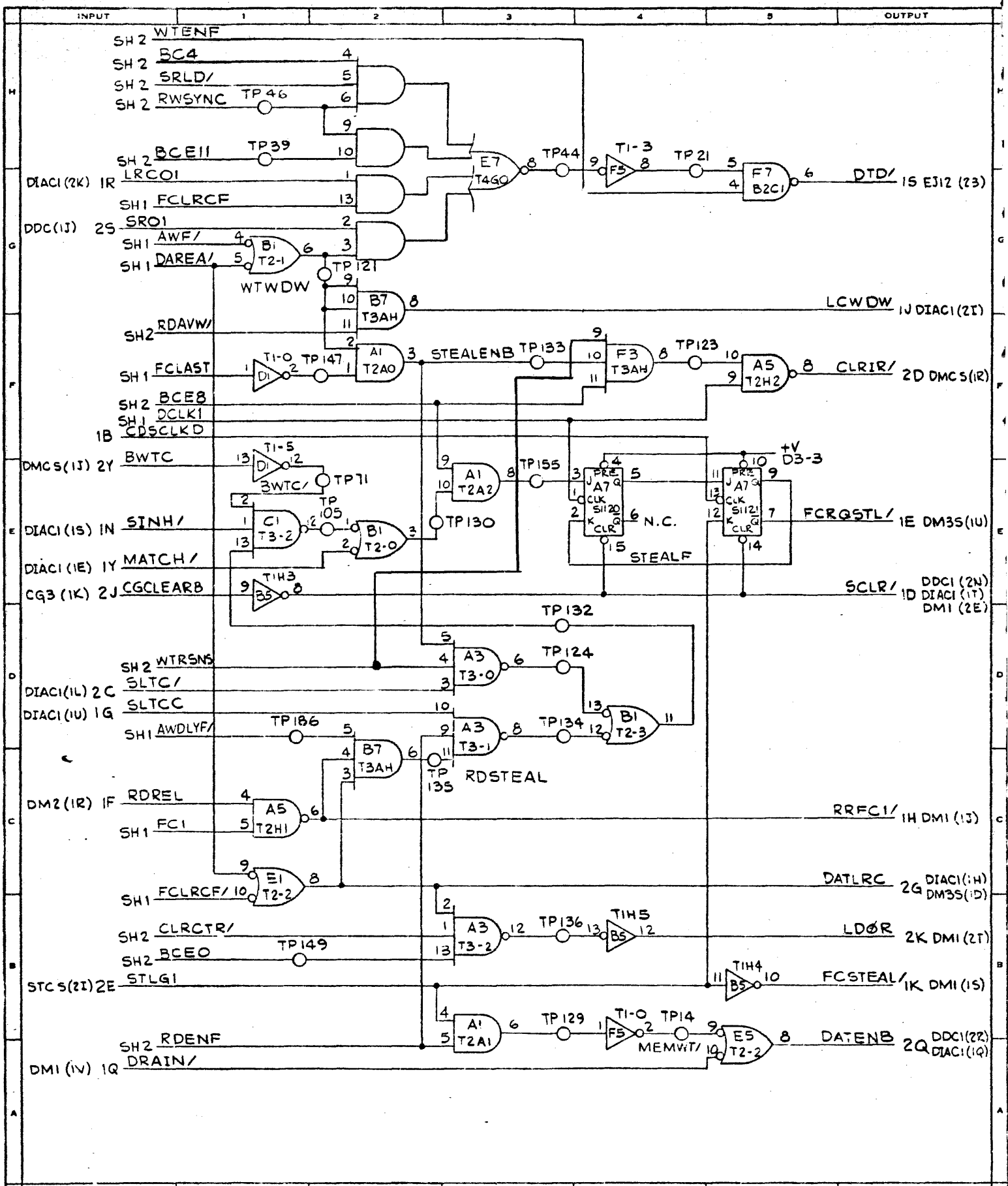
NOTES
 1. ∇ INDICATES TERMINATING RESISTOR.
 2. ∇ INDICATES PULL-UP RESISTOR.

REV	DATE	BY	CHKD	DESCRIPTION
1	2602 7417			
2	1447 3392			
3	1447 3327			
4	1447 3340			
5	1479 0240			
6	1447 3351			
7	1447 3124			
8	1447 3316			
9	1479 7971			
10	1447 3582			
11	1447 3015			
12	1447 3073			
13	1447 3122			
14	1447 3113			
15	1447 3171			



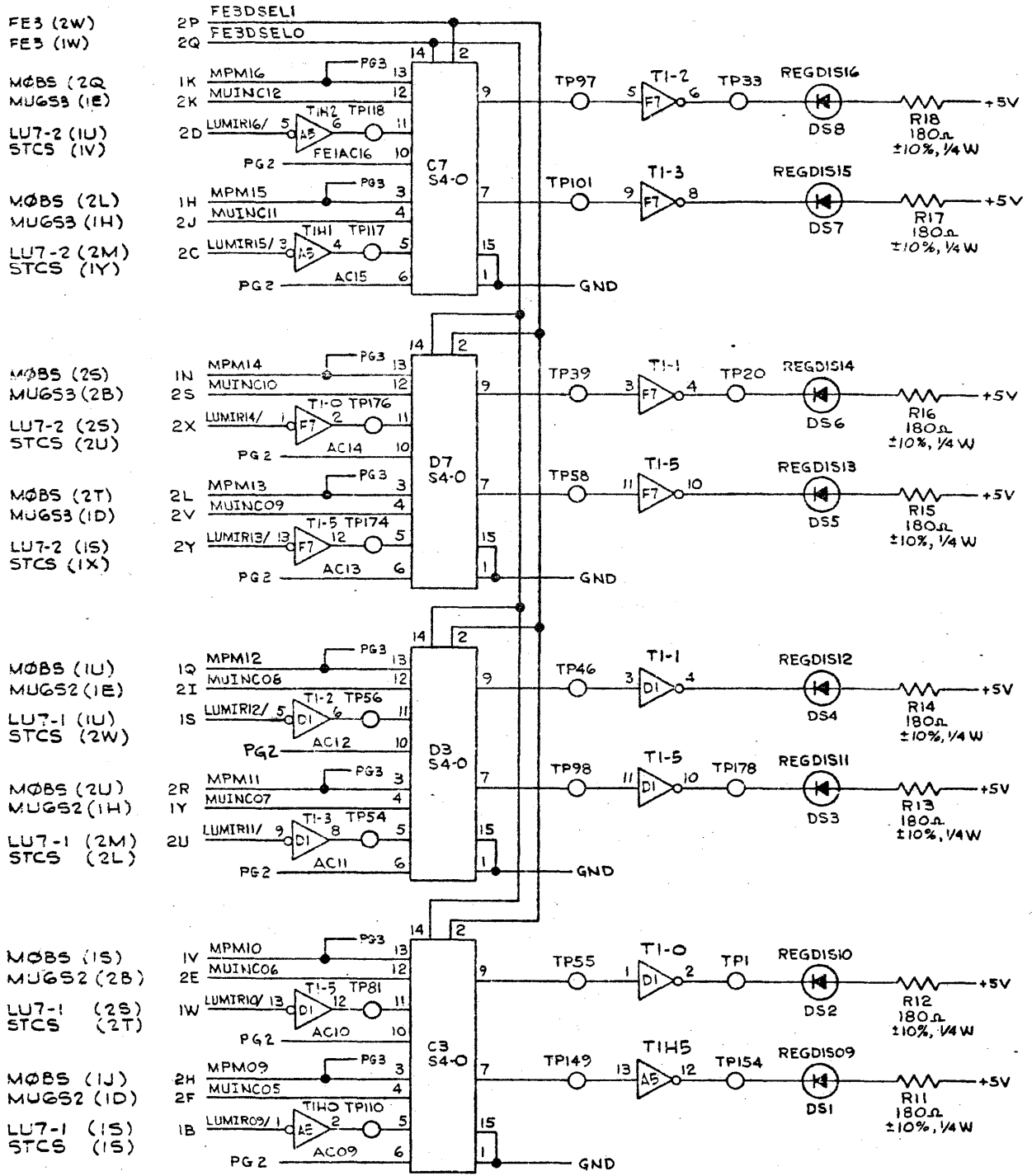
UNUSED LOGIC



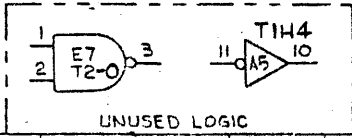


SCHEMATIC

INPUT 0 1 2 3 4 5 6 7 8 9 OUTPUT



X4-U	1447 5396	1
BCCN	1447 3698	2
T2-N	1447 3581	4
T1-N	1447 3516	1
S2-N	479 7971	1
S1-N	1447 3532	2
S2-N	1447 3714	4
S2-N	1447 3797	2
CE4-N	1447 3771	2



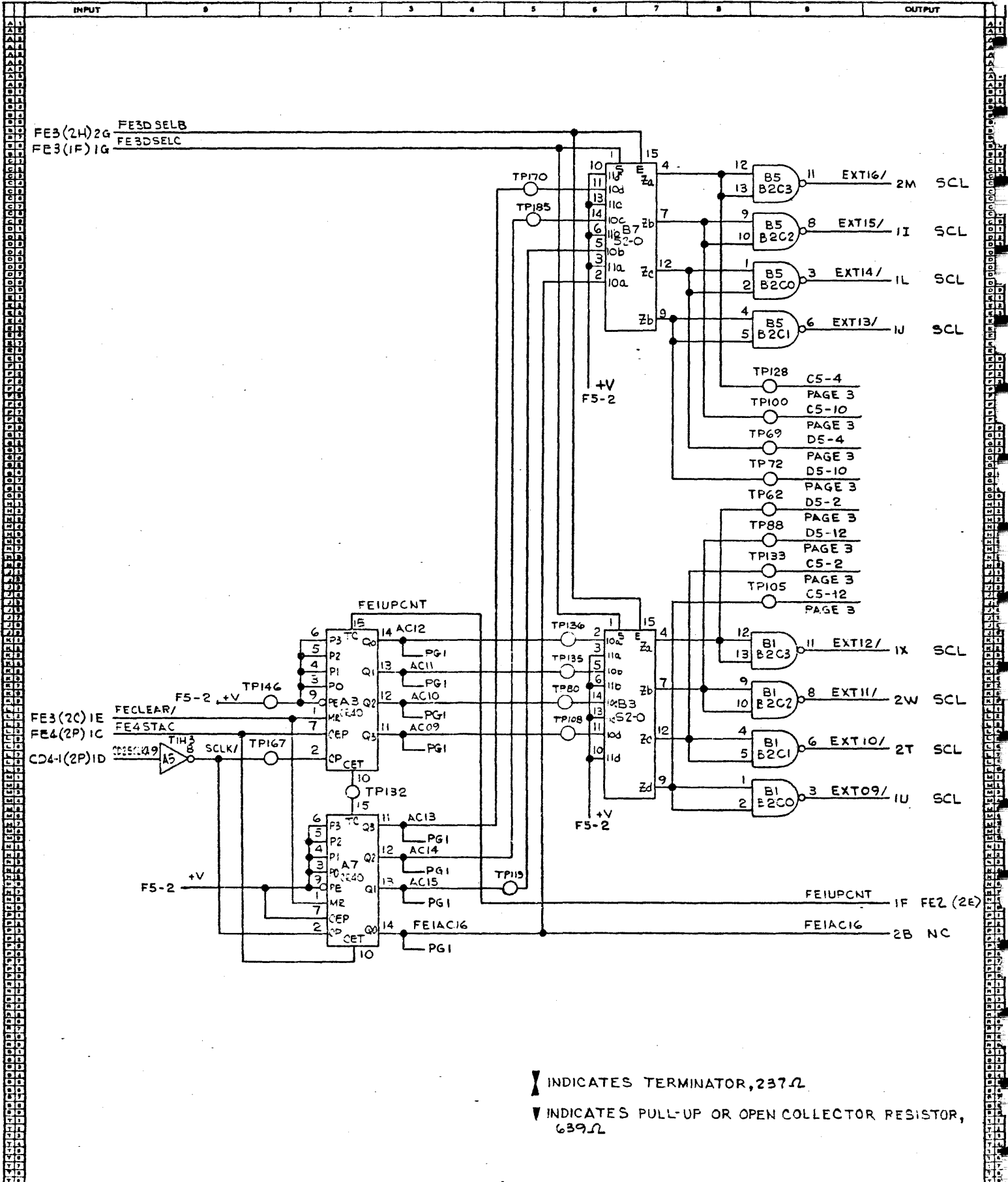
CC 2-9520

INPUT 0 1 2 3 4 5 6 7 8 9 OUTPUT

Burroughs Corporation
MAGNETIC SYSTEMS PLANT DOWNTOWN PA 19338

TITLE FE1, FIELD ENGINEER'S CARD 1
SYSTEM 8500 DWG. NO. 1448 1956
DRAWN P. FLORES CHECKED R. WALTZ PAGE 1 OF 3
APPROVED RELEASED 3-2-72 REV. LETTER E PER ECHT

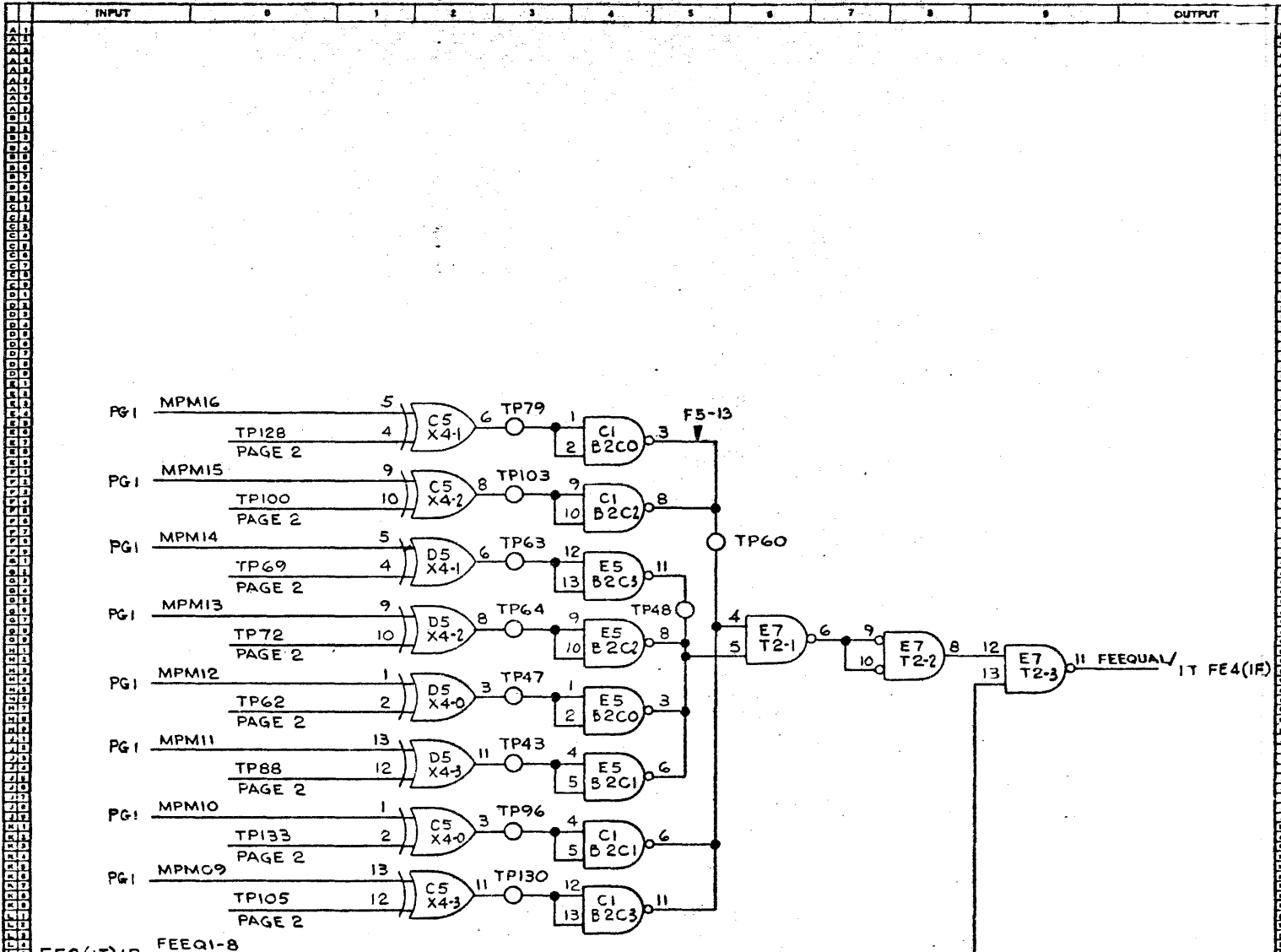
SCHMATIC



▲ INDICATES TERMINATOR, 237Ω

▼ INDICATES PULL-UP OR OPEN COLLECTOR RESISTOR, 639Ω

SCHMATIC



INPUT 0 1 2 3 4 5 6 7 8 9 OUTPUT

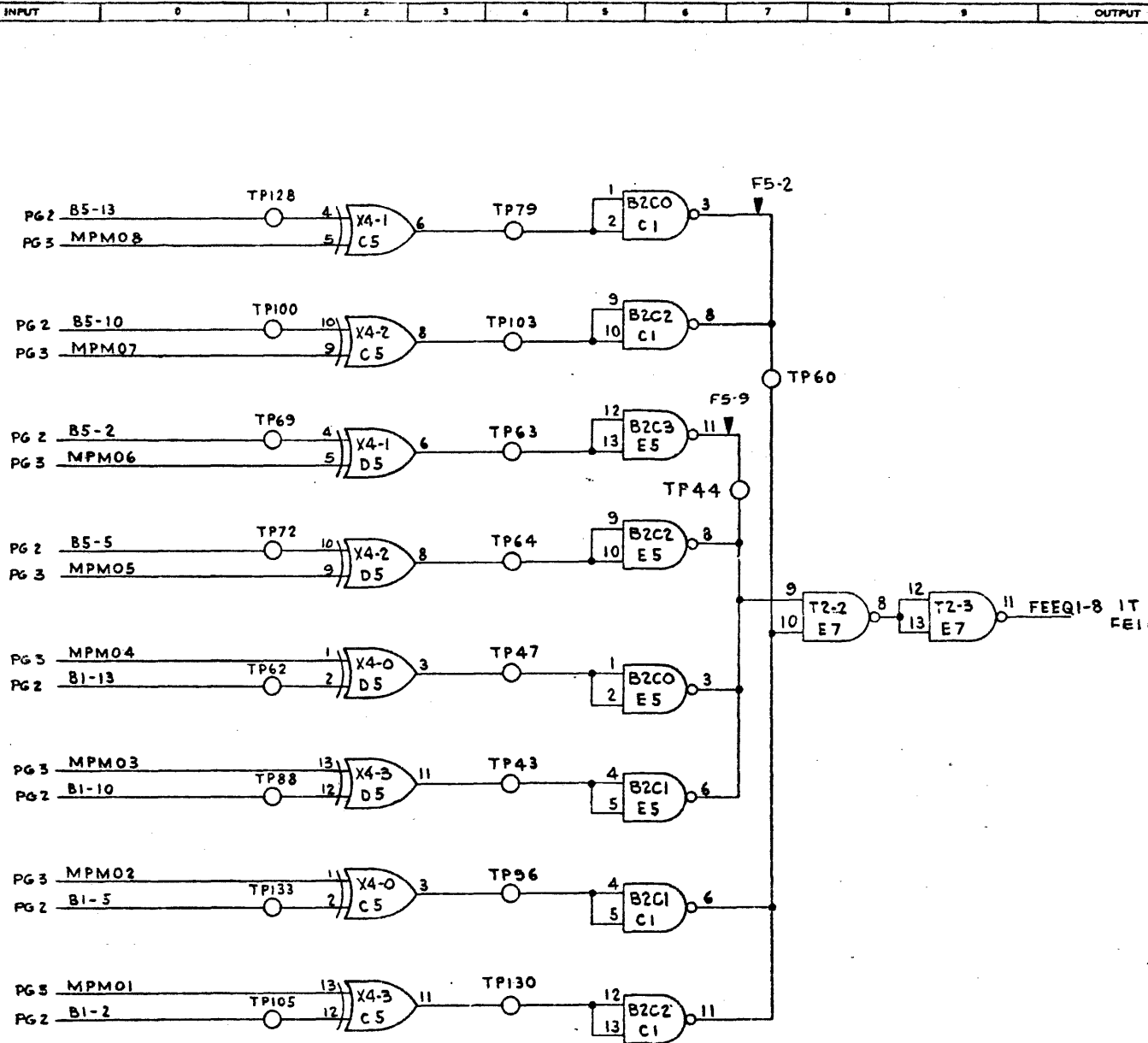
INPUT 0 1 2 3 4 5 6 7 8 9 OUTPUT

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REVISION

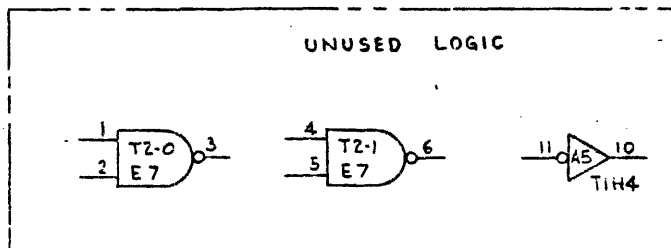
TITLE FE1, FIELD ENGINEERING CARD 1
 SYSTEM B800
 DRAWN R. F. FIELD
 APPROVED W. H. G. N.
 H. C. WELLS
 CHECKED R. WALTZ
 RELEASED 3-2-72
 DWG. NO. 1443 1956
 PAGE 3 OF 3
 REV. LETTER E PER ECH 2
 PRINTED IN U.S.A.

SCHMATIC



▽ INDICATES PULL-UP OR OPEN COLLECTOR RESISTOR, 639 Ω.
 DIODES ARE 1448 4620.
 B771 USAGE IS IDENTICAL TO B711

	1447 5396	1
TIHN	1479 7971	1
TI-N	1447 3532	2
T2-N	3516	1
B2CN	3581	4
X4-N	3698	2
S2-N	3797	2
S4-N	3714	4
CR4N	1447 3771	2
CODE	PART NO.	QTY

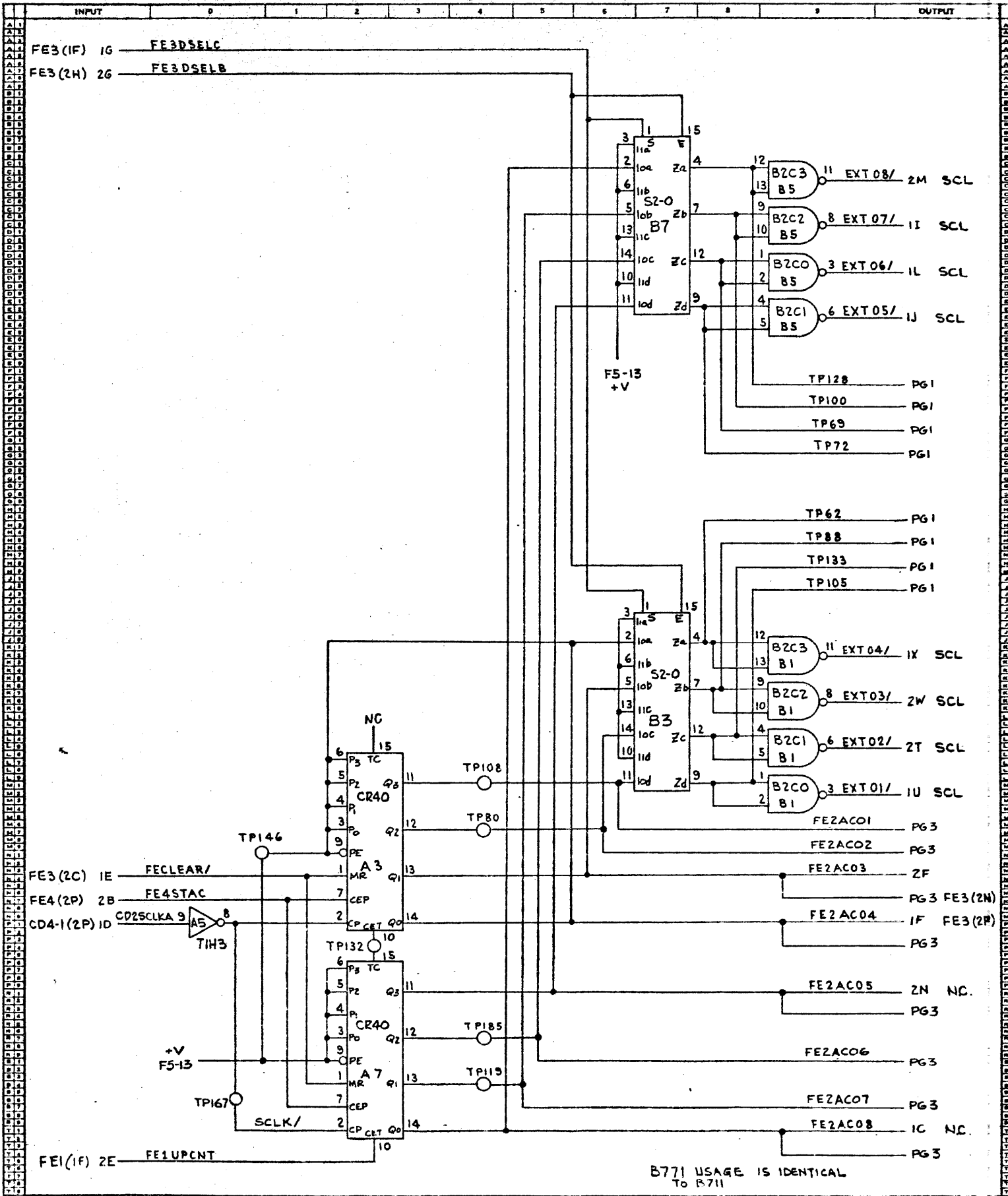


CC2-9520

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TITLE FE2 FIELD ENGINEERING CARD 2
 SYSTEM B200 DWG. NO. 1448 1964
 DRAWN P. FRIEDL CHECKED R. W. H. PAGE 1 OF 3
 APPR. J. M. CASWELL RELEASED BY GUNNAR REV. LETTERS EGN 4876
 5-72

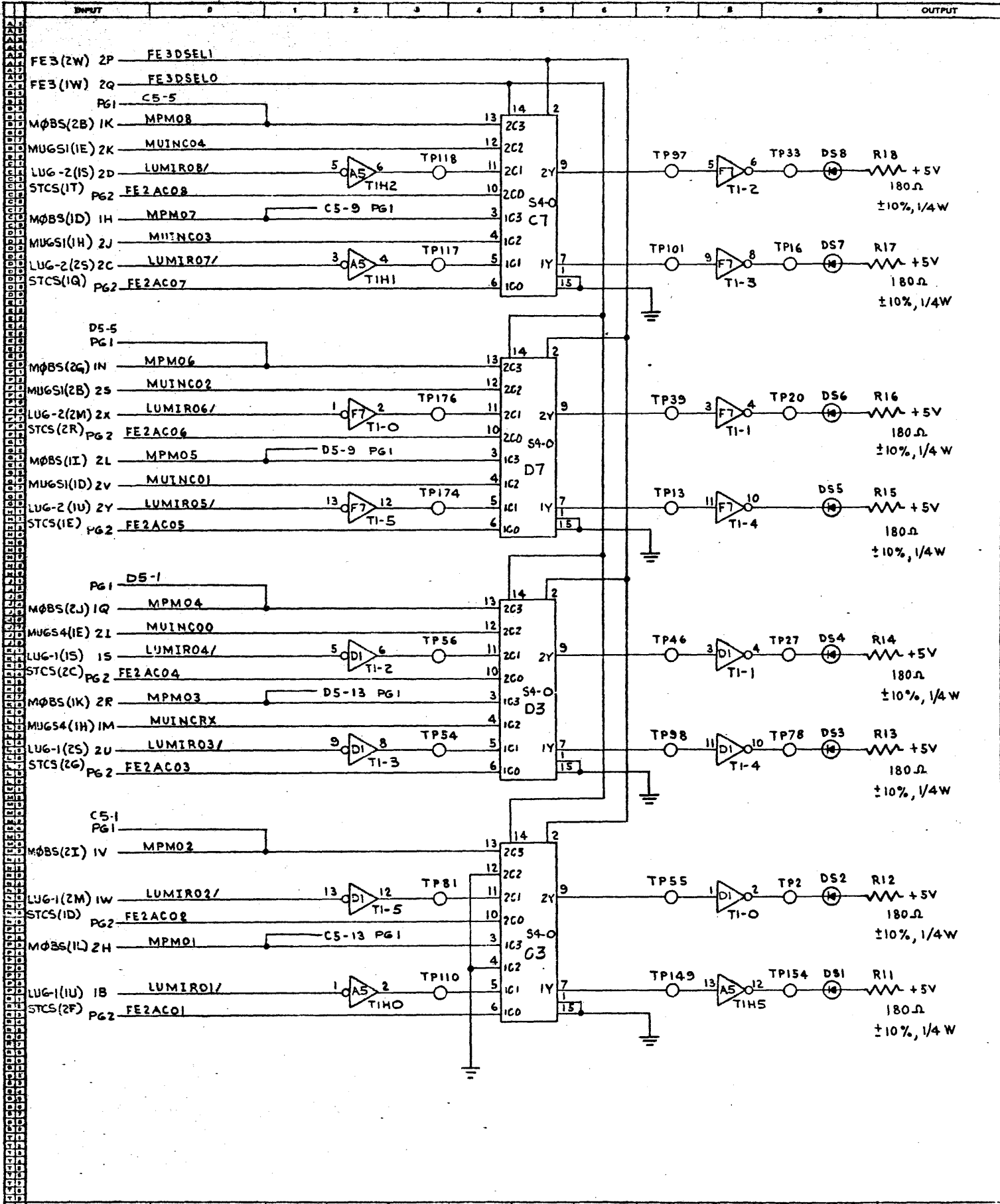
SCHEMATIC



B771 USAGE IS IDENTICAL TO B711

INPUT	0	1	2	3	4	5	6	7	8	9	OUTPUT
<p>Burroughs Corporation MAGNETIC SYSTEMS PLANT DOWNTOWN, PA 19330</p> <p>TITLE FE2 FIELD ENGINEERING CARD 2 SYSTEM B300 DRAWN E. FELD APPROVED H. CASWELL</p> <p>5-7-72</p> <p>CHECKED R. WALTER RELEASED W. M. NAYARA REV. LETTER E ECN 5374 5-7-72</p> <p>DWG. NO. 1448 1964 PAGE 2 REV. LETTER E ECN 5374 NO. 11 CM 912 74</p>											

SCHEMATIC

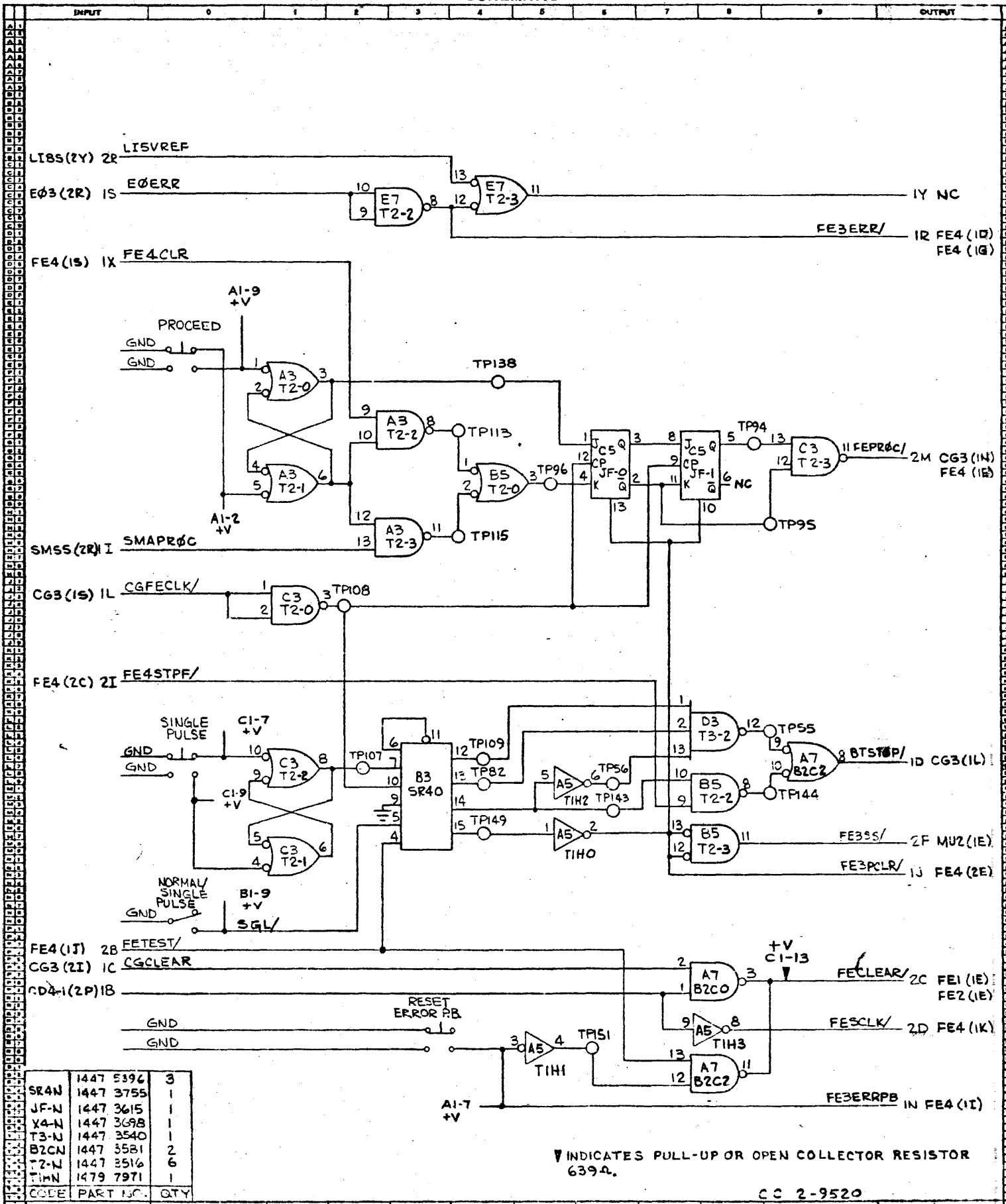


Burroughs Corporation
 MAGNETIC SYSTEMS PLANT DOWNTOWN, PA. 15228

PRODUCTION

TITLE FE2 FIED ENGINEERING CARD 2
 SYSTEM BS00 DWG. NO. 1448 1964
 DRAWN B. FREED CHECKED R. WATZ PAGE 3
 APPROVED W. CASWELL RELEASED W. NAMARA REV. LETTER E. EGN 5576
 2-1-72 2-2-72 46

SCHEMATIC



SR4N	1447 5396	3
JF-N	1447 3755	1
X4-N	1447 3615	1
T3-N	1447 3698	1
B2CN	1447 3540	1
T2-N	1447 3581	2
TIH-N	1447 3516	6
TIH-N	1479 7971	1
CODE	PART NO.	QTY

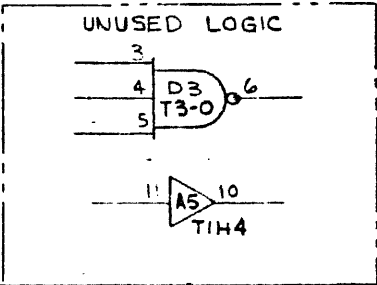
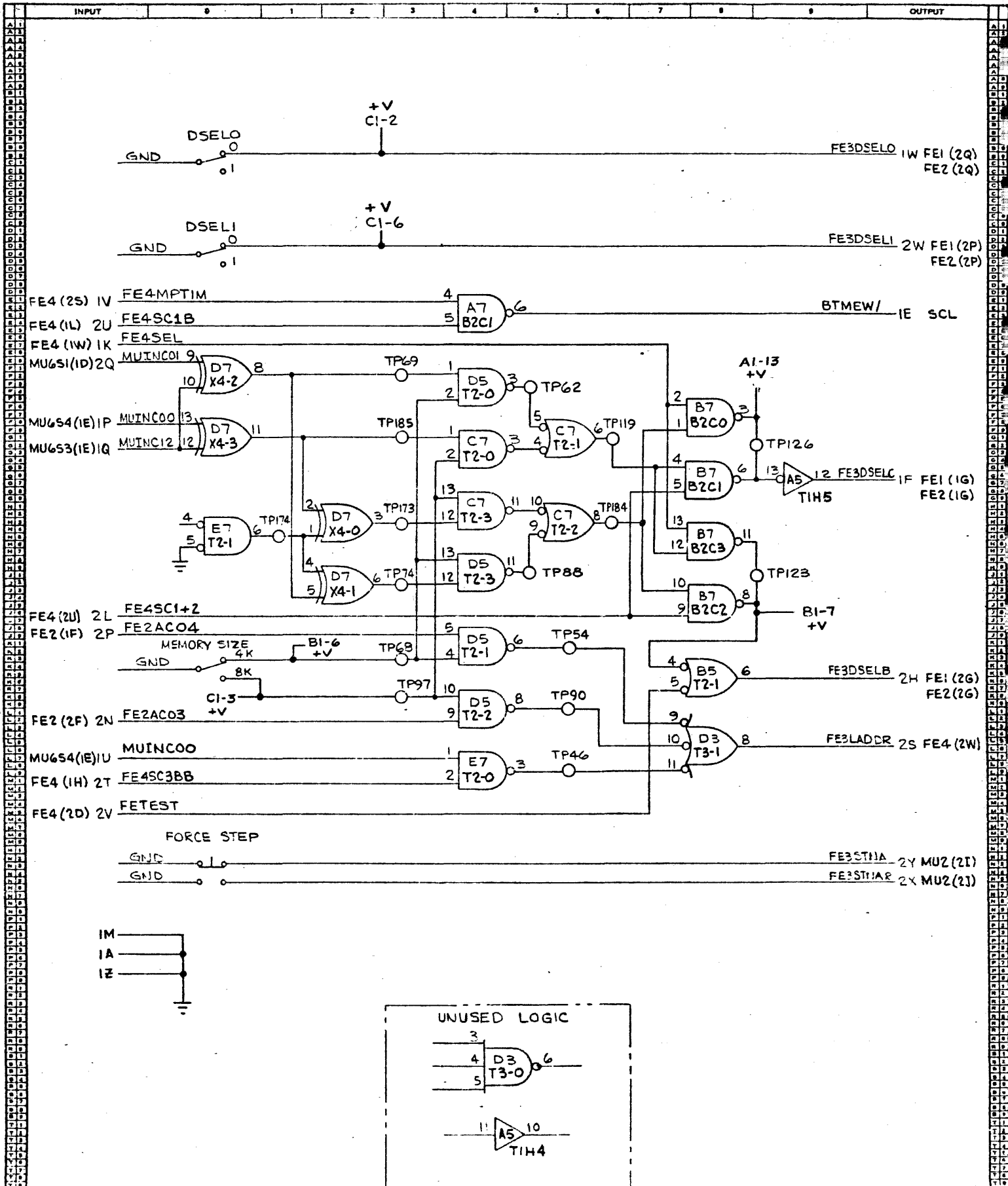
INDICATES PULL-UP OR OPEN COLLECTOR RESISTOR 639Ω.

CC 2-9520

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TITLE: FEB FIELD ENGINEERING CARD 3
 SYSTEM 8800
 DRAWN: B. FELD
 CHECKED: R. WALTZ
 APPROVED: B. CASWELL
 DWG. NO. 1448 1972
 PAGE 1 OF 2
 REV. LETTER F ECN 5376

SCHEMATIC

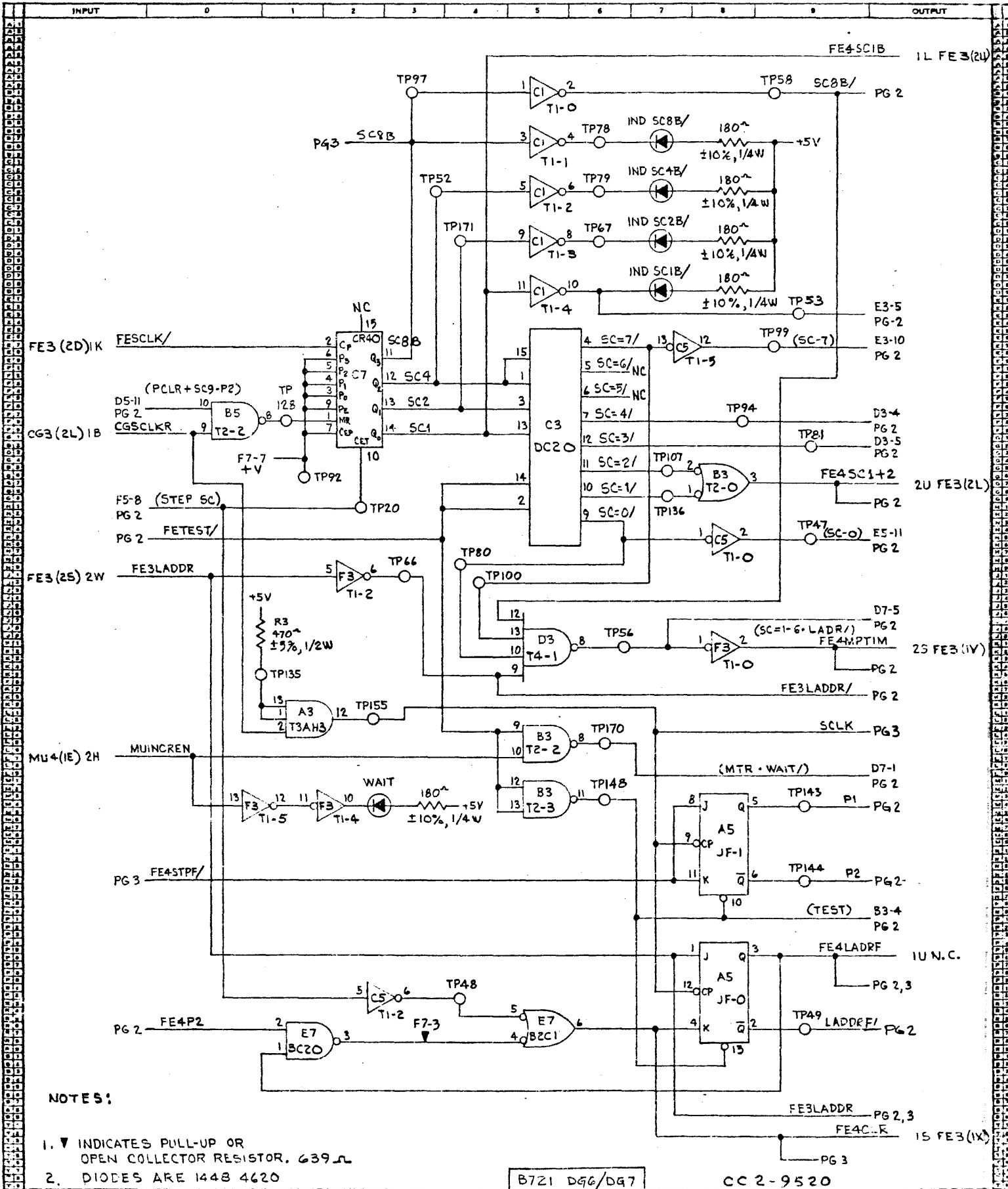


Burroughs Corporation
 MAGNETIC SYSTEMS PLANT
 DOWNTOWN PA 19338

TITLE: FE2 FIELD ENGINEERING CARD 3
 SYSTEM: B800
 DRAWN: B. FREED
 CHECKED: R. WALTZ
 APPROVED: ED. H. GASWELL
 DWG. NO. 1448-1972
 PAGE 2
 REV. LETTER E ECN 5276

48

SCHEMATIC



NOTES:

1. ▽ INDICATES PULL-UP OR OPEN COLLECTOR RESISTOR, 639Ω
2. DIODES ARE 1448 4620

B721 D96/D97

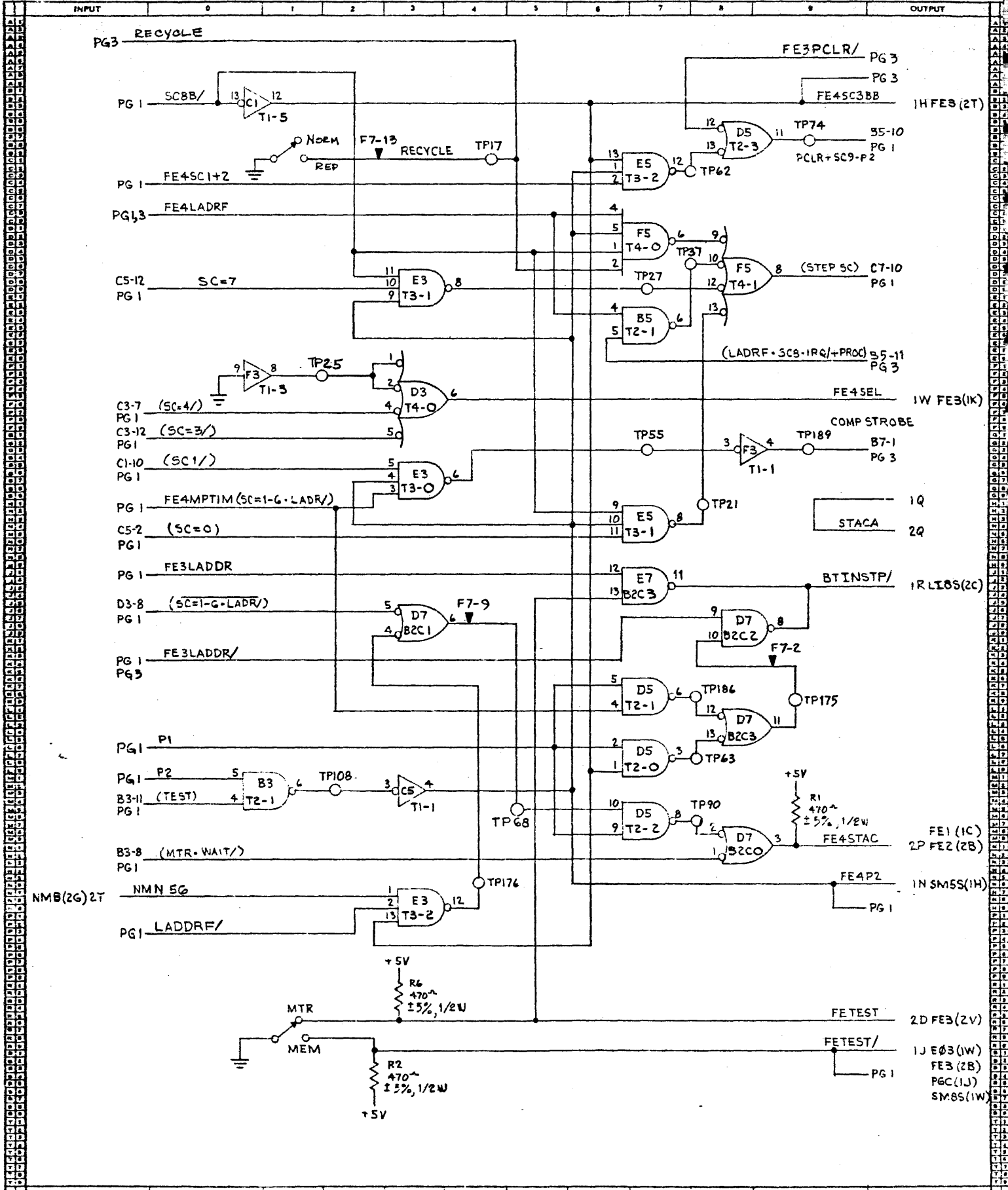
CC 2-9520

Burroughs Corporation
 MAGNETIC SYSTEMS PLANT DOWNINGTOWN, PA 19330

TITLE FE 4, FIELD ENGINEERING CARD 4
 SYSTEM B BOD
 DRAWN _____ CHECKED _____
 APPROVED H. P. CASWELL RELEASED 5-11-72 49
 DWG. NO. 1448 C5 12
 PAGE 1 OF 3
 REV. LETTER 5 FCN 35
 JA 10-1-72

32116N3

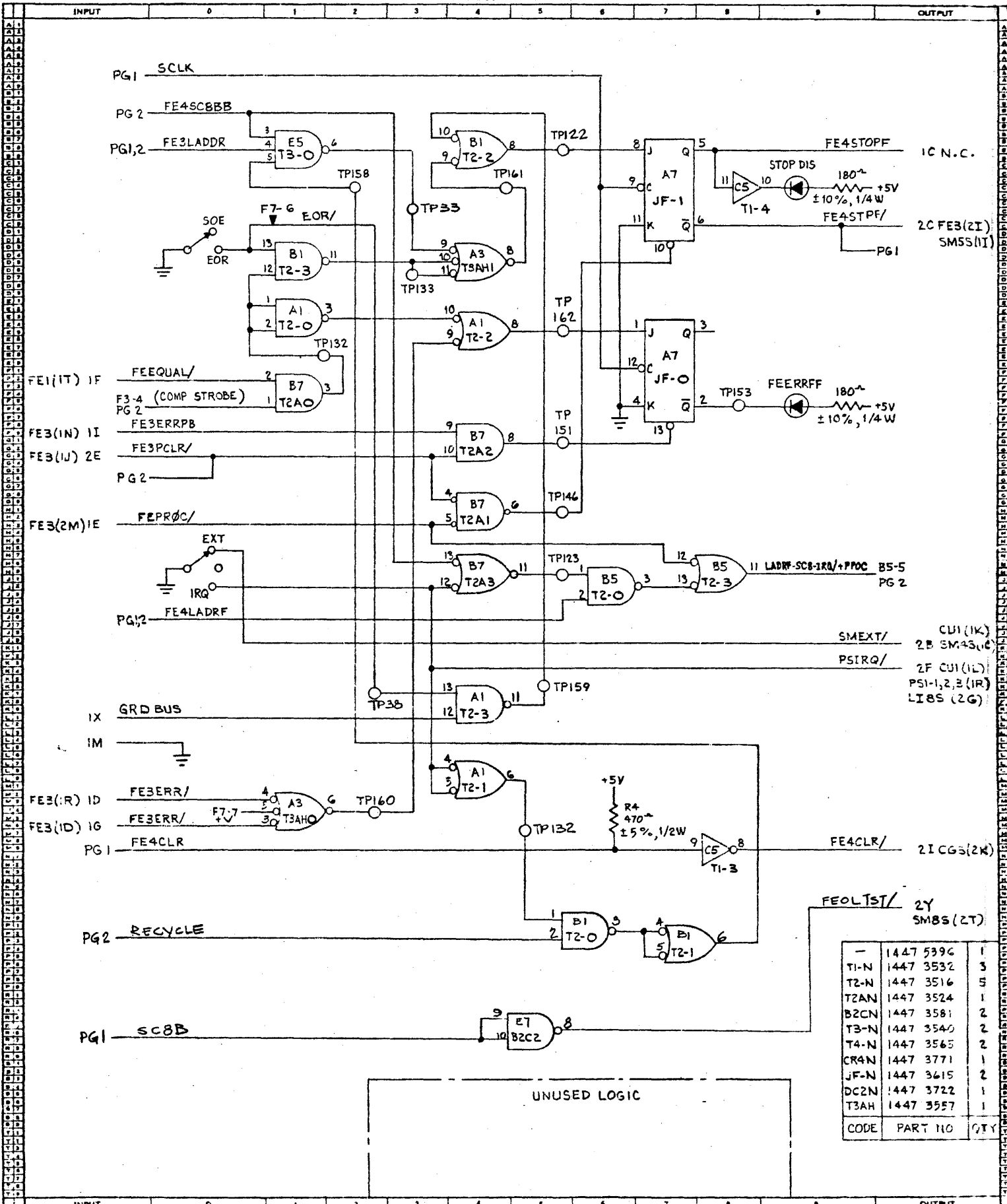
SCHMATIC



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 FACTURING PURPOSES WITHOUT THE WRITTEN CONSENT OF BURROUGHS CORPORATION

TITLE FE4 FIELD ENGINEERING CARD 4
 SYSTEM B800
 DRAWN APPROVED H.R. CASWELL RELEASED 5-11-72 50
 DWG. NO. 1448 6542
 PAGE 2 OF 3
 REV. LETTER G ECN 5376
 SM85(1W)

SCHEMATIC



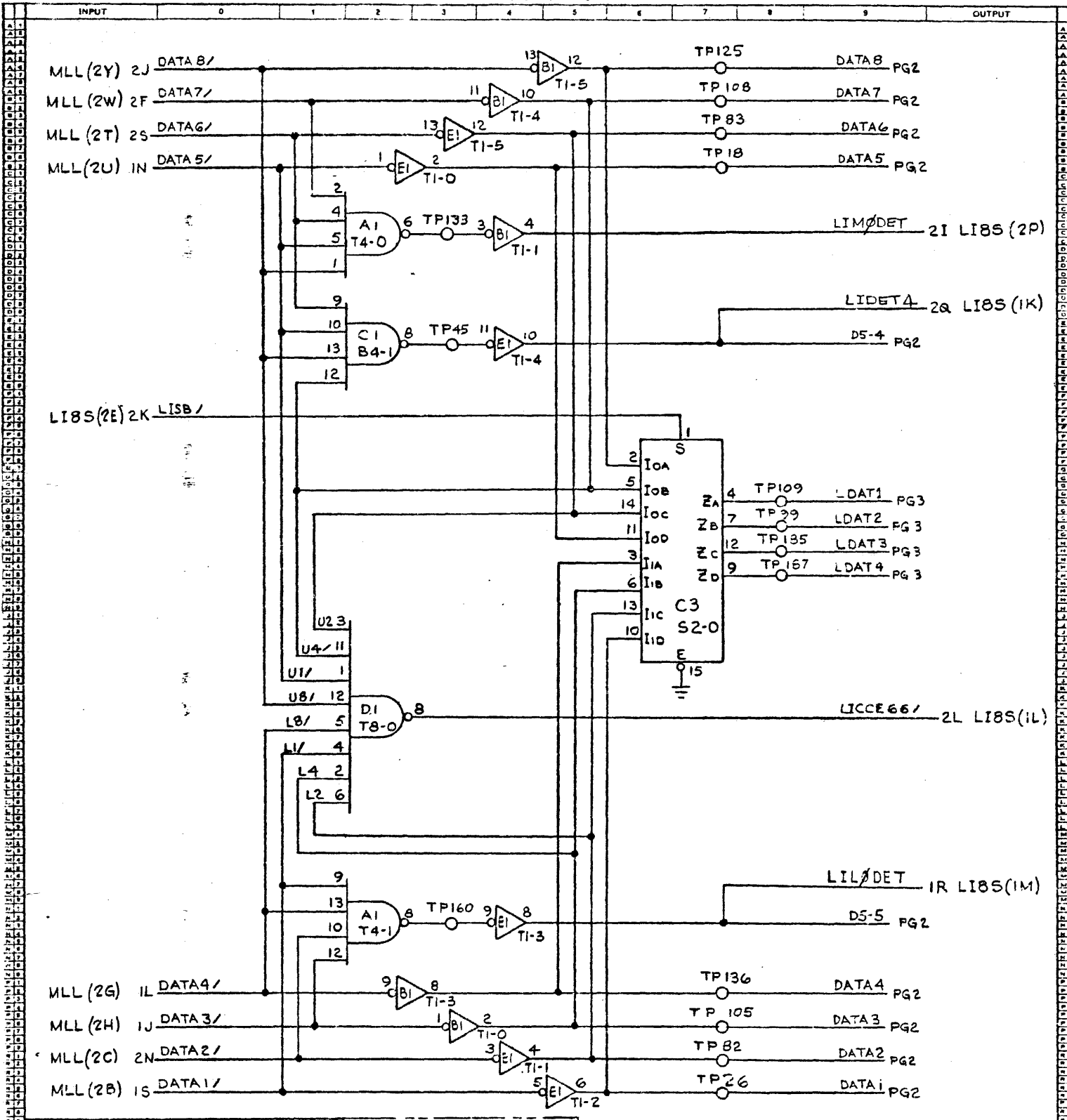
-	1447 5396	1
T1-N	1447 3532	5
T2-N	1447 3516	3
T2AN	1447 3524	1
B2CN	1447 3581	2
T3-N	1447 3540	2
T4-N	1447 3565	2
CR4N	1447 3771	1
JF-N	1447 3615	2
DC2N	1447 3722	1
T3AH	1447 3557	1
CODE	PART NO	QTY

UNUSED LOGIC

Burroughs Corporation
 MAGNETIC SYSTEMS PLANT
 DOWNTOWN, PA 19338

TITLE FE4 FIELD ENGINEERING CARD 4
 SYSTEM B600
 DWG. NO. 1448 G342
 PAGE 2 OF 3
 APPROVED H.R. CASWELL RELEASED 9-11-72
 REV. LETTER G EON SER 2

SCHEMATIC



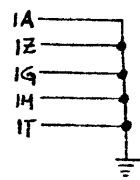
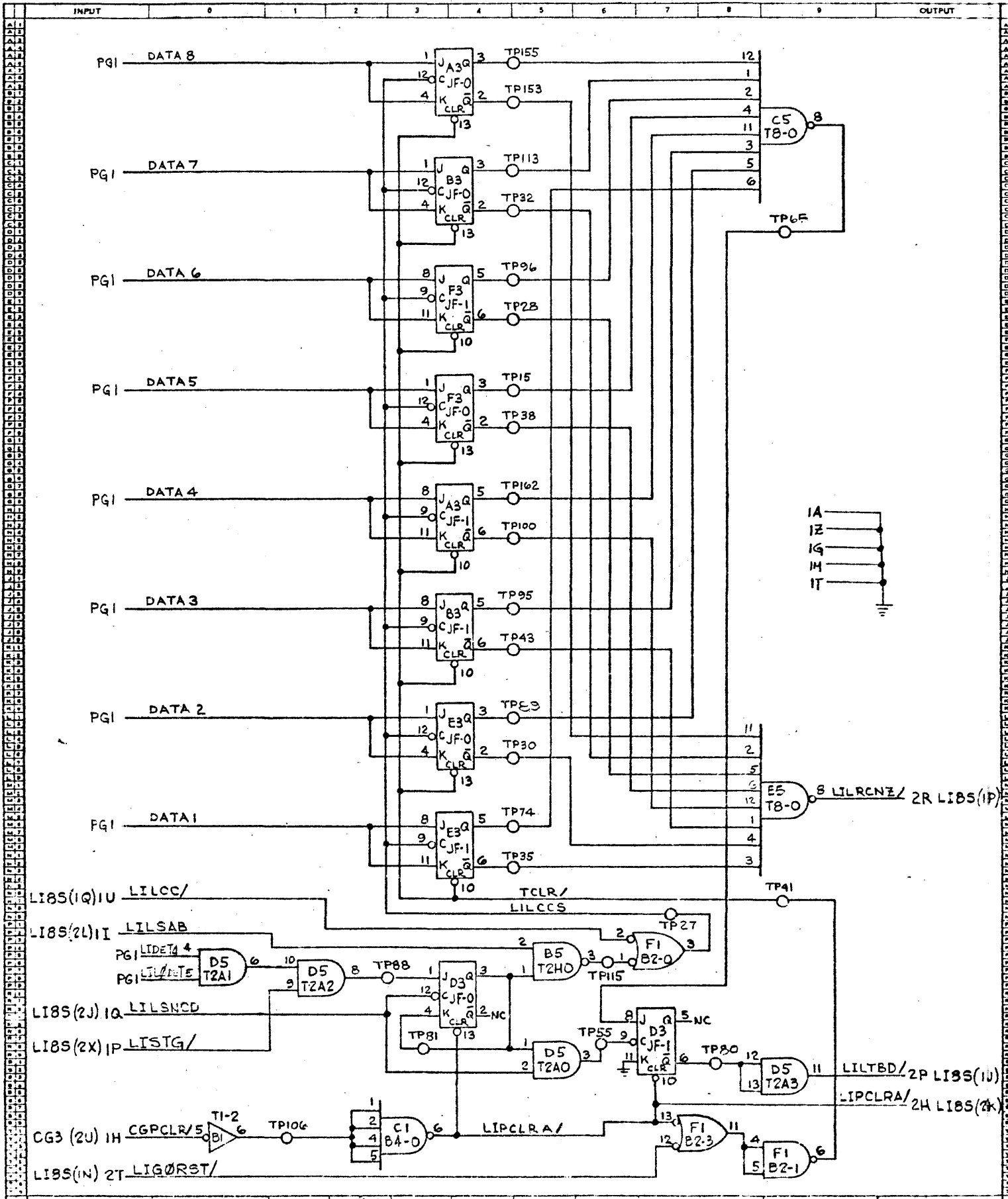
UNUSED LOGIC				
T2AN	1447	3524	1	
T8-N	1447	3573	3	B4-N 1447 3599 1
T4-N	1447	3565	1	T2HN 1479 0240 1
B2CN	1447	3581	4	SR4N 1447 3755 4
B2-N	1447	9576	1	S2-N 1447 3797 1
TI-N	1447	3532	2	JF-N 1447 3615 5

CODE	PART N°	QTY	CODE	PART N°	QTY

CC2-9520


Burroughs Corporation <small>QUALITY SYSTEMS DIVISION</small> <small>CHICAGO, ILLINOIS 60611</small>		TITLE LI7 CHECKED _____ DATE _____ DESIGNED _____ DATE _____ APPROVED _____ DATE _____	ORDER NO. 2600 5876 PART NO. 1 3
---	--	--	---

SCHEMATIC

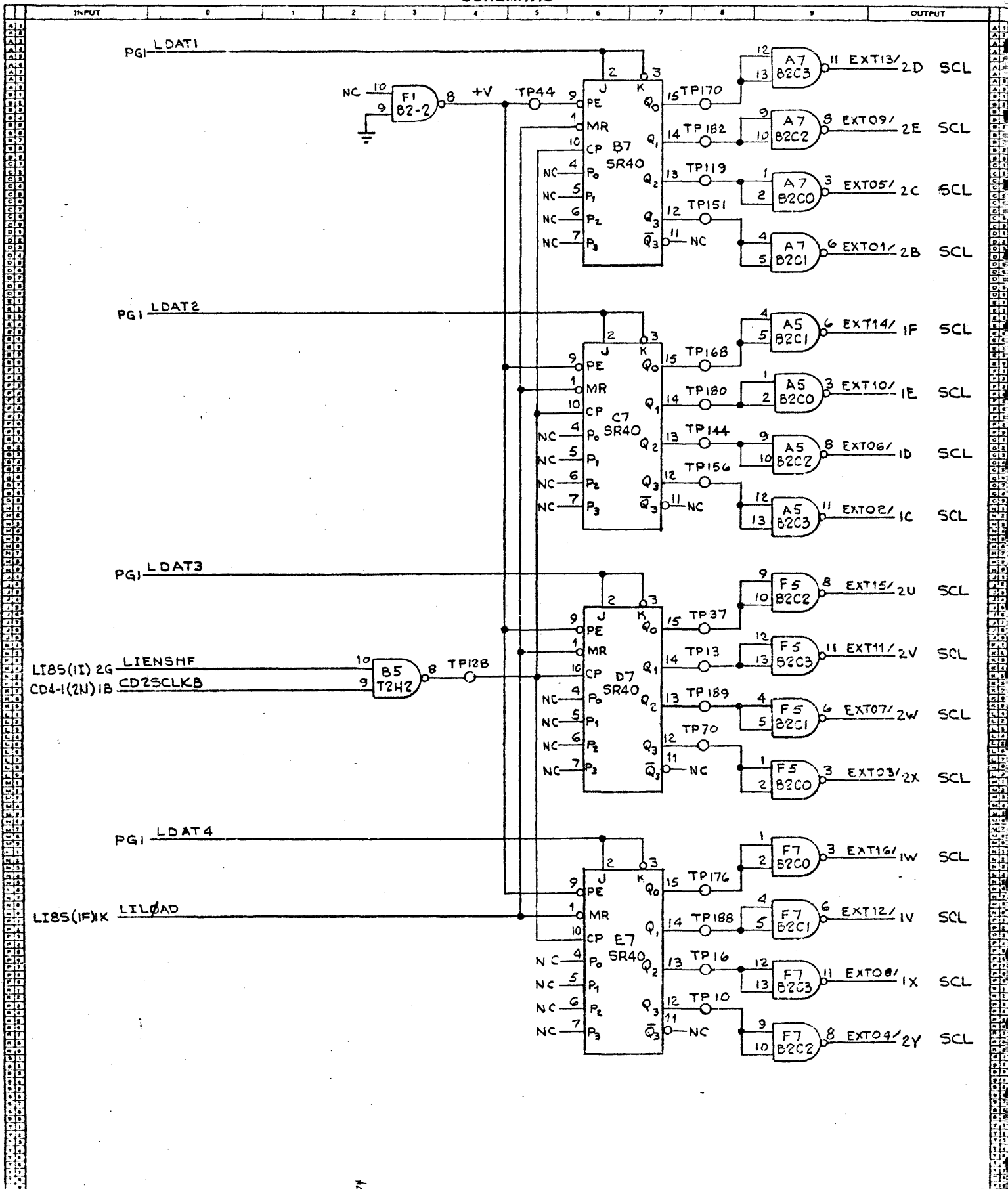


8 LILRCNZ / 2R LIBS (IP)

11 LILTB / 2P LIBS (U)
13 LIPCLRA / 2H LIBS (K)

INPUT	0	1	2	3	4	5	6	7	8	9	OUTPUT
<p>Burroughs Corporation </p> <p>SMALL SYSTEMS PLAN DOHRN TOWN, PENNSYLVANIA 19338</p>											
<p>TITLE L17</p>			<p>2600 5876 D</p>			<p>DATE 11-15-73</p>			<p>DATE 3-13-74</p>		
<p>DESIGNED BY</p>			<p>CHECKED BY</p>			<p>APPROVED BY</p>			<p>DATE</p>		
<p>NO. 2</p>			<p>REV. 2</p>			<p>REV. 2</p>			<p>REV. 2</p>		

SCHMATIC



INPUT

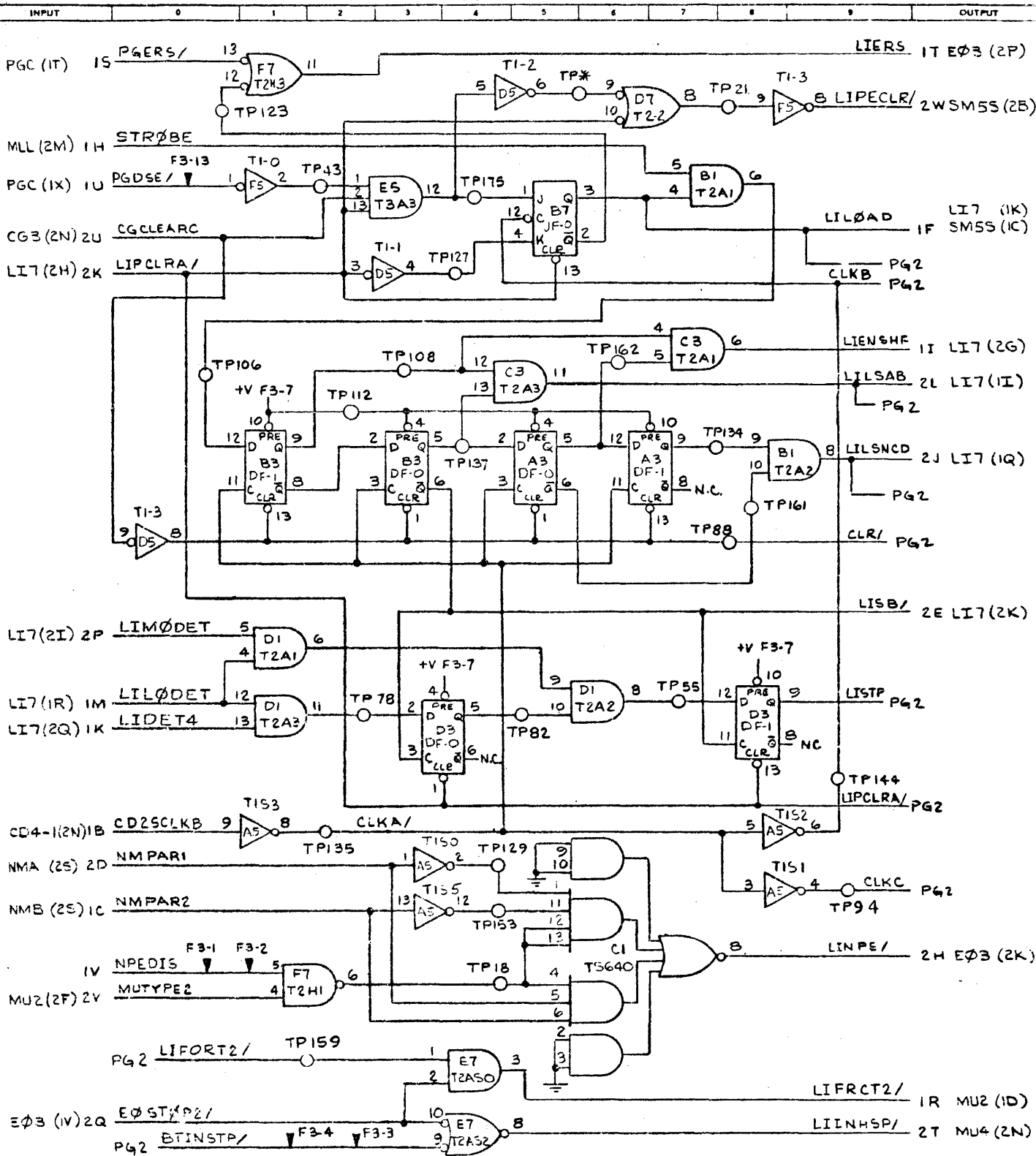
Burroughs Corporation
SMALL SYSTEMS PLANT
DUNNINGTON, PENNSYLVANIA 15115

TITLE LI7

2000 5876 D

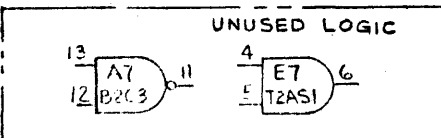
OUTPUT

SCHEMATIC



▽ INDICATES PULL-UP RESISTOR

T15N	26001425	1	T3-N	1447 3540	1
T2A	1447 3524	3	RM00	1448 2319	1
T2A	1447 3551	1	T2A	2601 27-1	1
B1	1447 3581	1	T2A	2604 4805	1
D5	1447 3607	3	T2H	1479 0240	1
NF-N	1447 3615	5	T2A	1447 3516	2
C3	1447 3771	1	T1	1447 3522	2
CODE	PART NO.	QTY	CODE	PART NO.	QTY

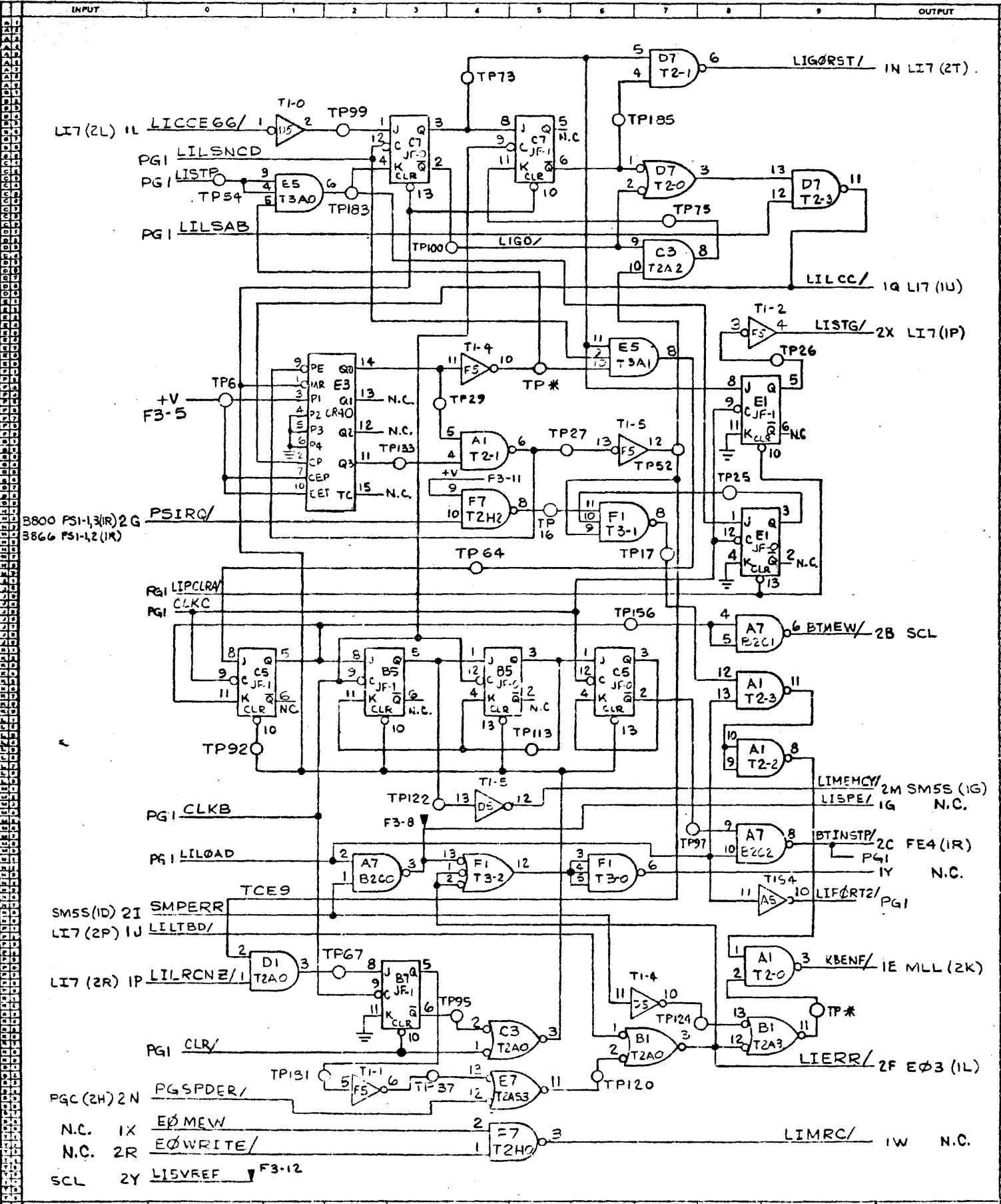


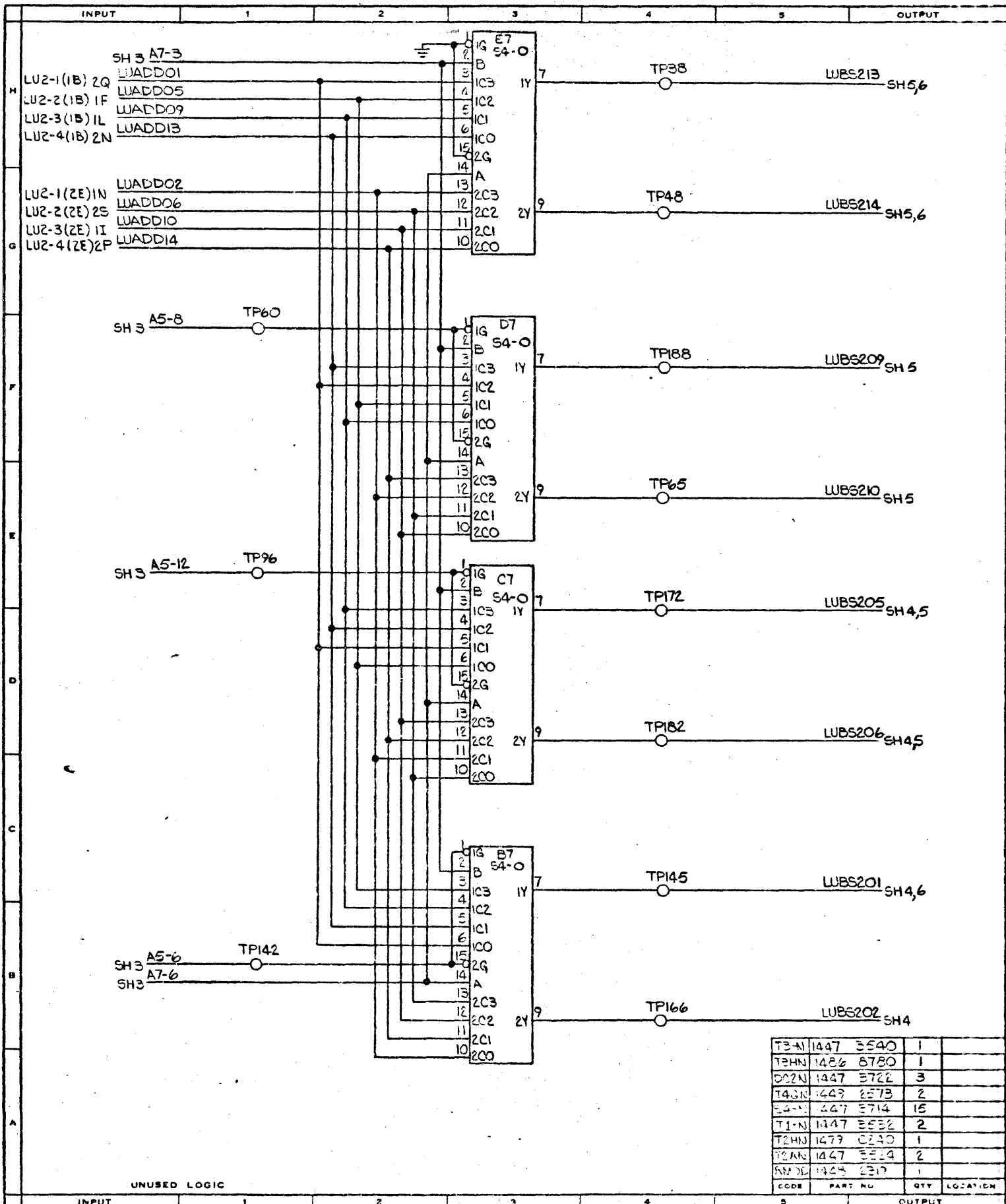
CC 2-9520

Burroughs Corporation <small>SMALL SYSTEMS PLANT DORRINGTON, NEWCASTLE 10 3BB</small>		2608 5043 B	
<small>PROPERTY OF BURROUGHS CORP. NOT TO BE REPRODUCED OR FOR USE FOR OTHER THAN FACTURING PURPOSES EXCEPT BY BURROUGHS OR AS A PRICE WRITING LICENSEE</small>		<small>DATE: 10/16/64 DESIGNED BY: [Signature] CHECKED BY: [Signature] APPROVED BY: [Signature]</small>	
<small>2608 5043</small>		<small>PG. 1 OF 2</small>	
<small>REV. 00</small>		<small>211 PG. NO. REV.</small>	

55

SCHEMATIC





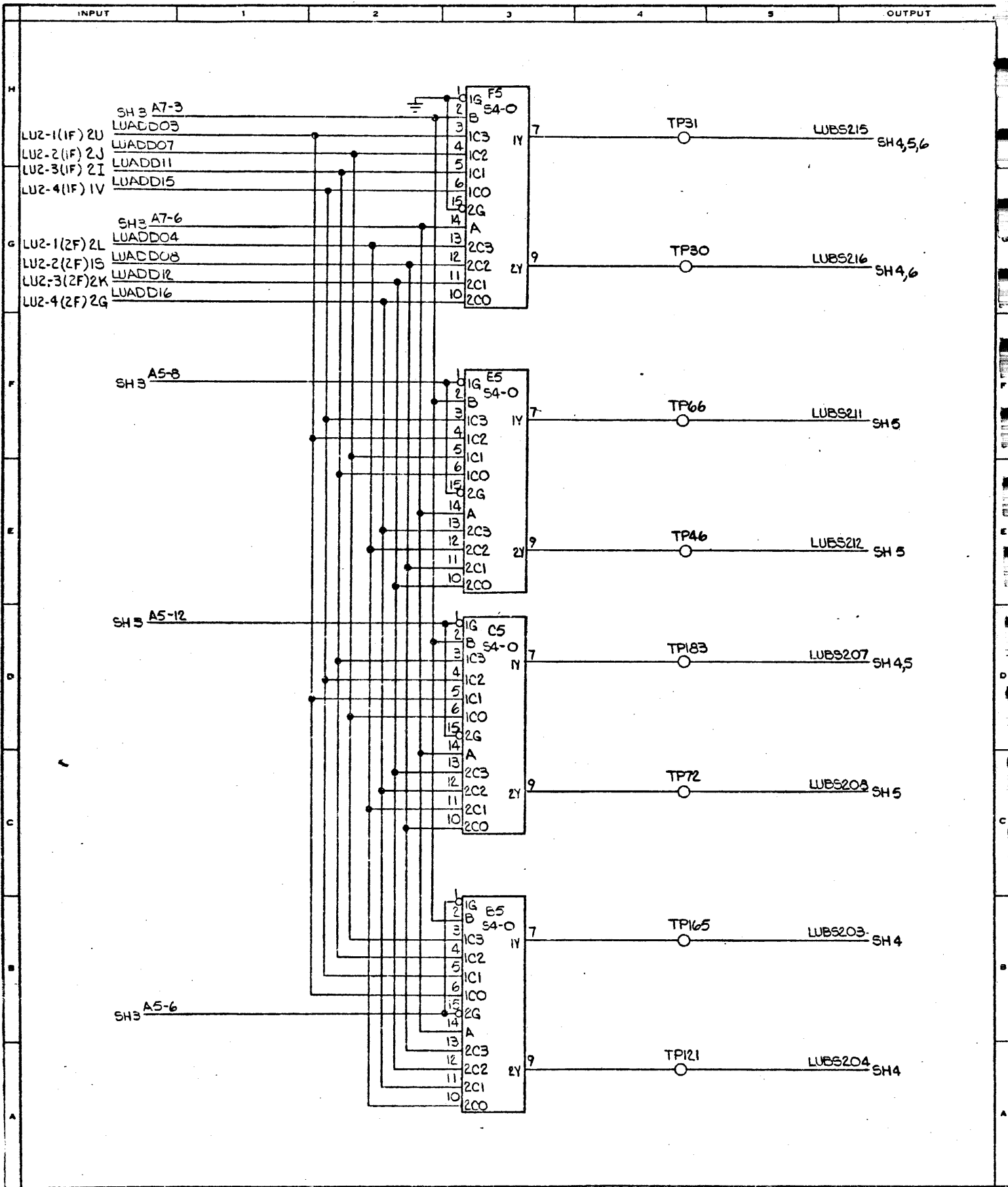
CODE	PART NO	QTY	LOCATION
TS-N	1447 3540	1	
TS-N	1486 8780	1	
DO2N	1447 3722	3	
T4GR	1449 2573	2	
ES-N	1447 3714	15	
T1-N	1447 3532	2	
T2HN	1479 0240	1	
T2AN	1447 3514	2	
RM-DC	1445 2317	1	

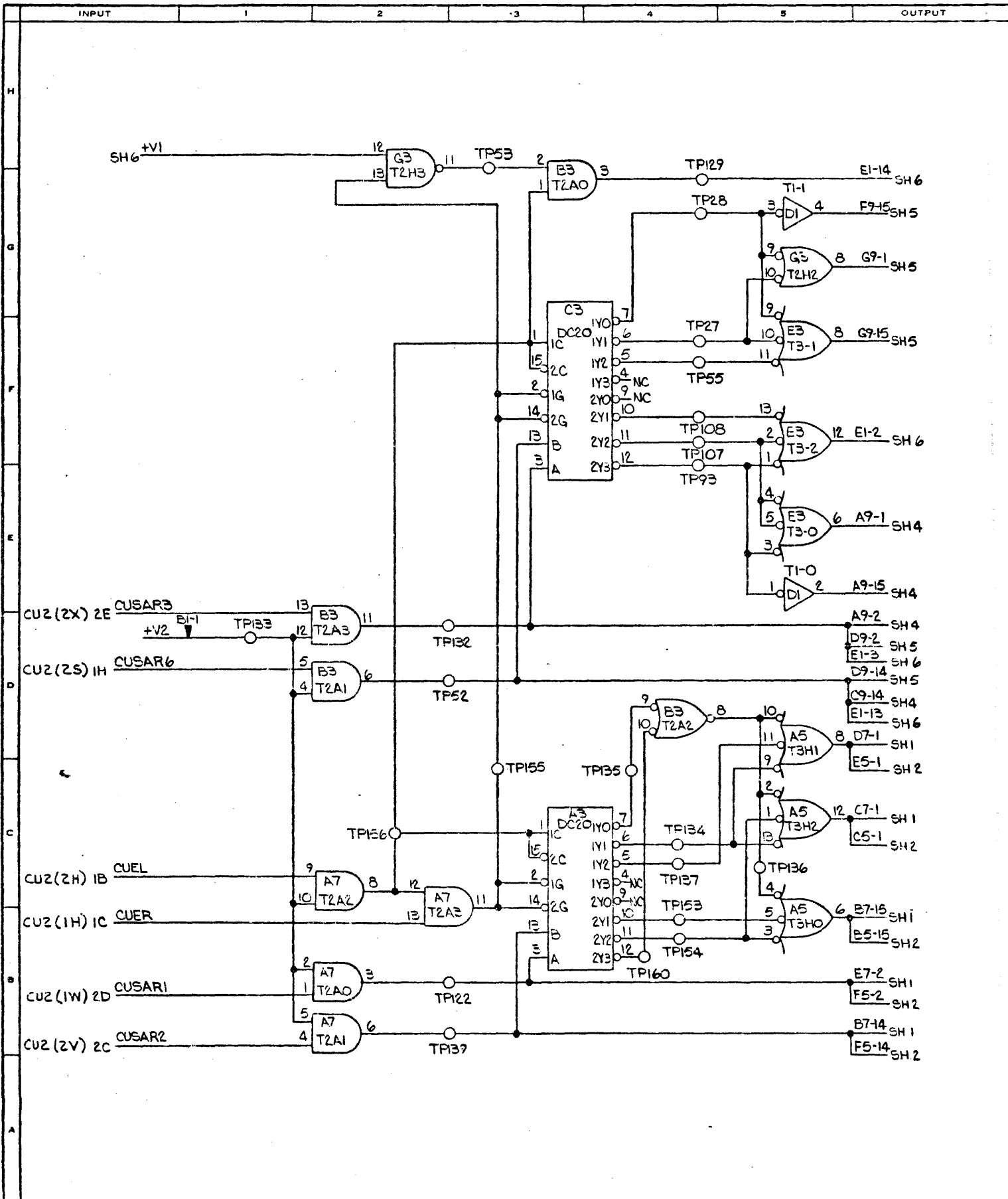
Burroughs Corporation
 COMPUTER SYSTEMS GROUP
 DOWNTOWN PLANT
 DOWNTOWN PA. 19335
 U.S. AMERICA

REV	BY	DATE	DESCRIPTION	FILE	CLASS CODE
SH	B	11/10/57	REVISED	LUI5	2-9520
REV	BY	DATE	DESCRIPTION	SHEET	PLT NO
REV	BY	DATE	DESCRIPTION	10%	REV
				2607 3265	038 13

DRAWING 44131-25507

57





DRAWING 44131 25007

Burroughs Corporation

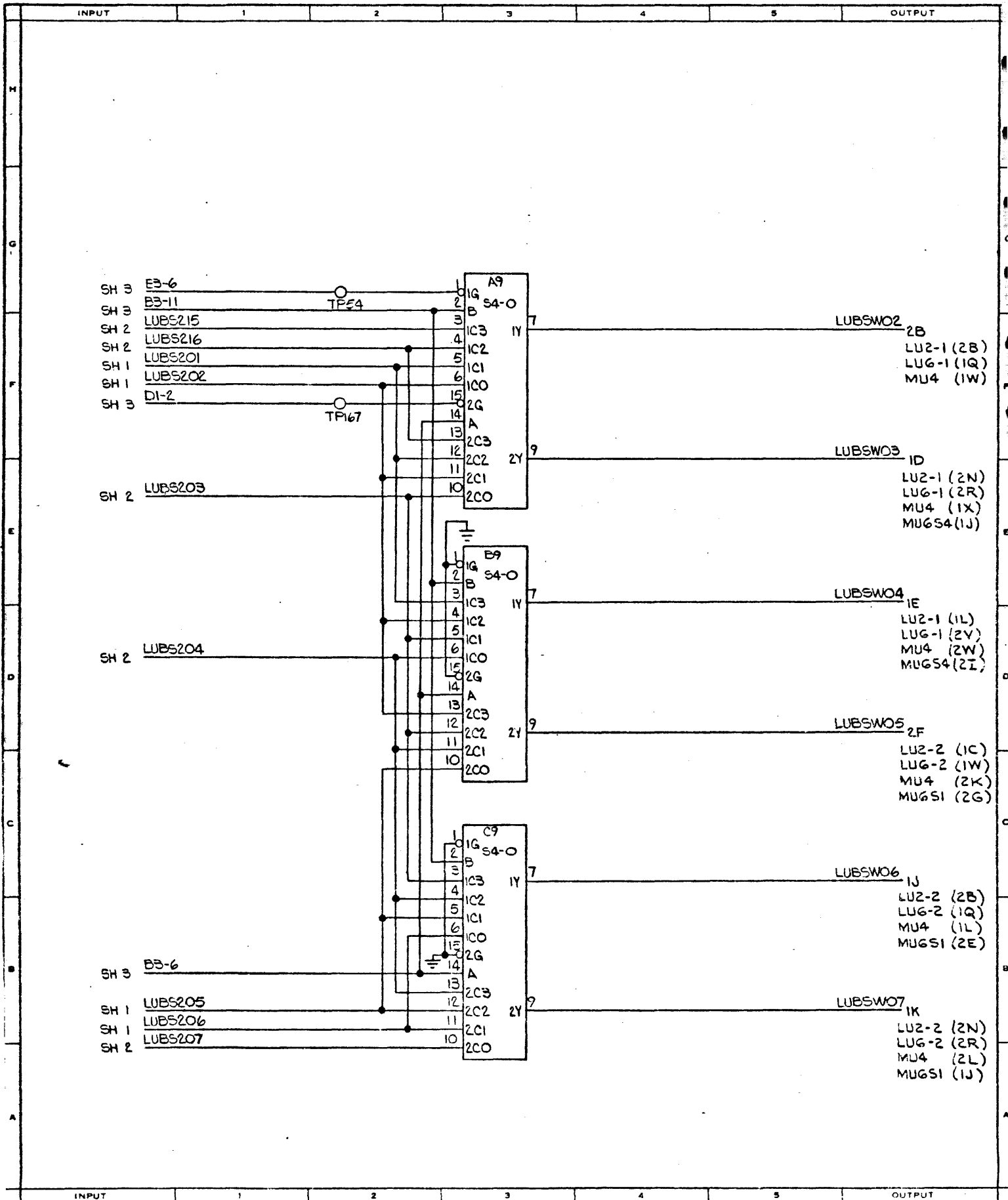
COMPUTER SYSTEMS GROUP DOWNTOWN PLANT
DOWNTOWN, PA. 19325 U.S. AMERICA

REVISIONS

TITLE	CLASS CODE
LU15	2-9520
SHEET NO.	PAT. NO.
3	2607 3288
DWG. NO.	REV.
2607 3288	038 8

59

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Burroughs Corporation

COMPUTER SYSTEMS GROUP
DOWNTOWN PLANT
DOWNTOWN, PA 15222

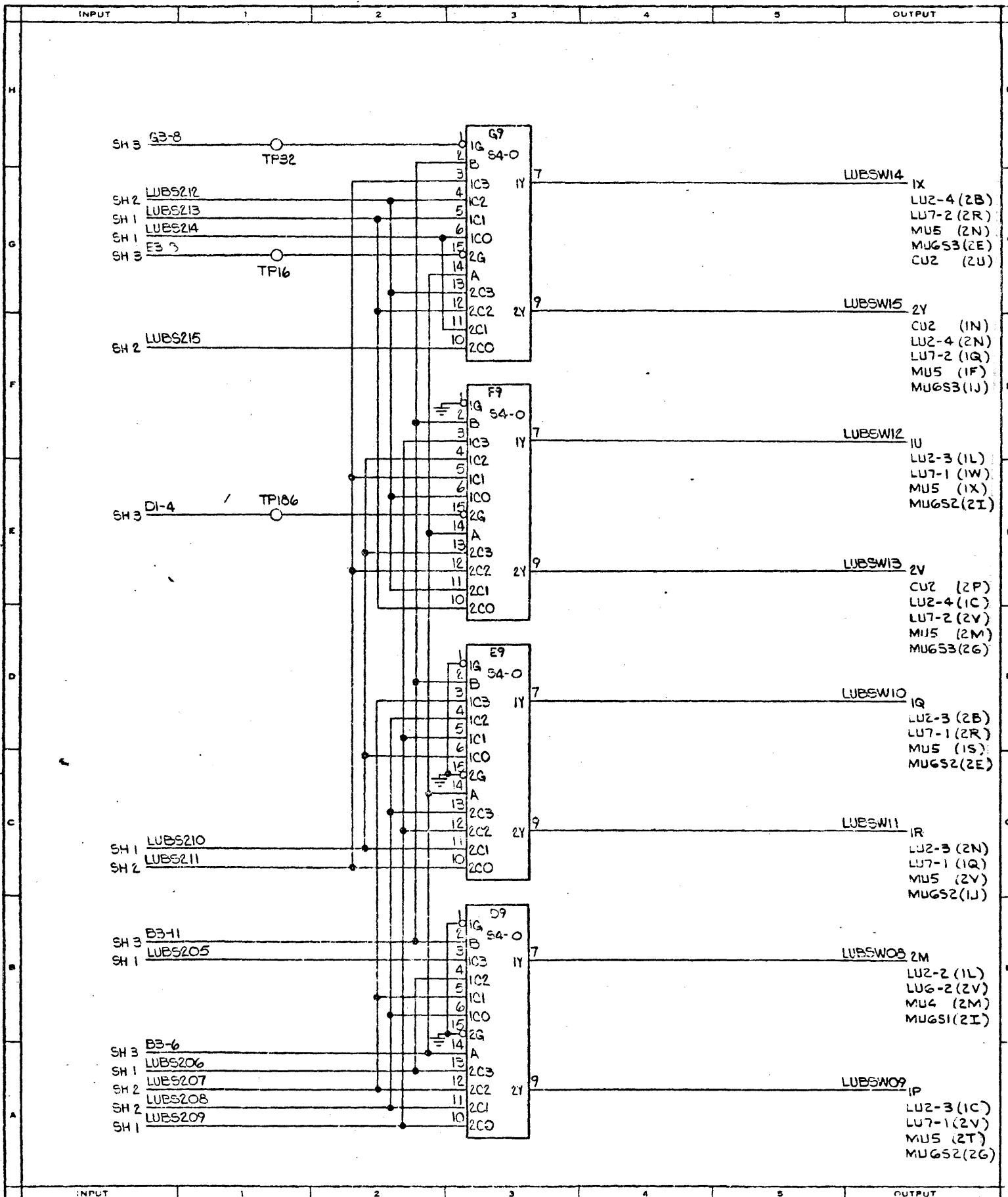
DOWNTOWN PLANT
U.S. AMERICA

REVISIONS

PROPRIETARY - BURROUGHS CORP. - NOT TO BE REPRODUCED NOR USED FOR ANY
ALTERNATIVE WITHOUT BURROUGHS' WRITTEN PERMISSION

TITLE		CLASS CODE	
LUI5		2-9520	
SHEET	DATE	PLT NO	REV
4	12-07-60	038	B

60



DRAWING 44-131 25507

Burroughs Corporation

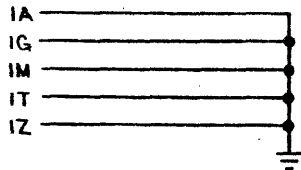
COMPUTER SYSTEMS GROUP DOWNTOWN PLANT
DOWNTOWN PA 19335 U.S. AMERICA

REVISIONS

TITLE		CLASS CODE	
LUI5		2-9520	
DWG NO	PLT NO	DWG NO	REV
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61

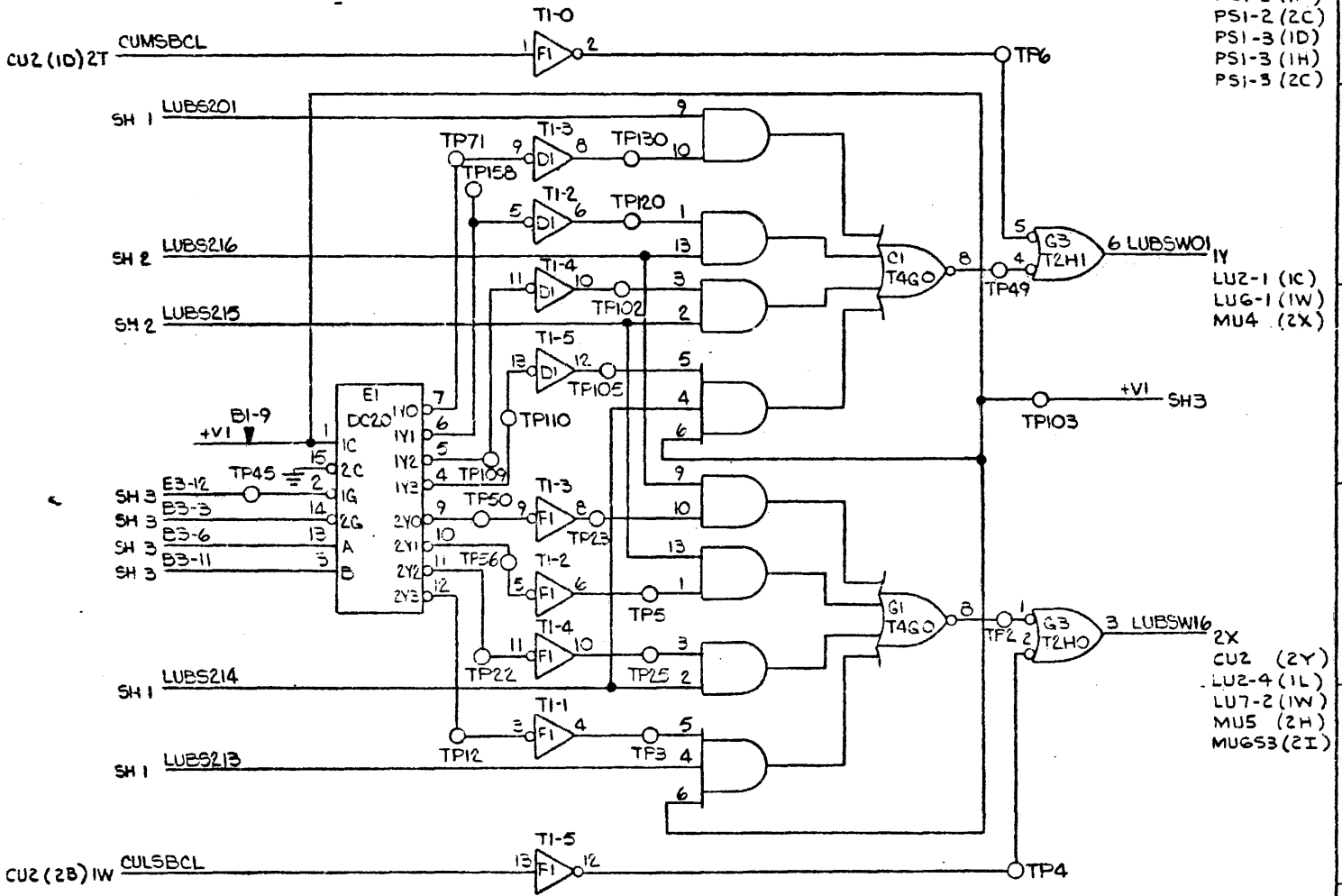
PROPRIETARY TO BURROUGHS CORP - NOT TO BE REPRODUCED NOR USED IN ANY MANNER WITHOUT WRITTEN PERMISSION OF BURROUGHS CORP. UNDER U.S. PATENT OFFICE PATENT NO. 2,811,000



BI-13

LUSVREF 2H

- CU2 (1I)
- CU2 (2I)
- PSI-2 (1D)
- PSI-2 (1F)
- PSI-2 (2C)
- PSI-3 (1D)
- PSI-3 (1H)
- PSI-3 (2C)



- LUBSWO1 1Y
- LUZ-1 (1C)
- LUG-1 (1W)
- MU4 (2X)

- LUBSW16 2X
- CU2 (2Y)
- LUZ-4 (1L)
- LU7-2 (1W)
- MUS (2H)
- MUGS3 (2I)

Burroughs Corporation

COMPUTER SYSTEMS GROUP
DOWNTOWN PLANT
DOWNTOWN, PA 15222

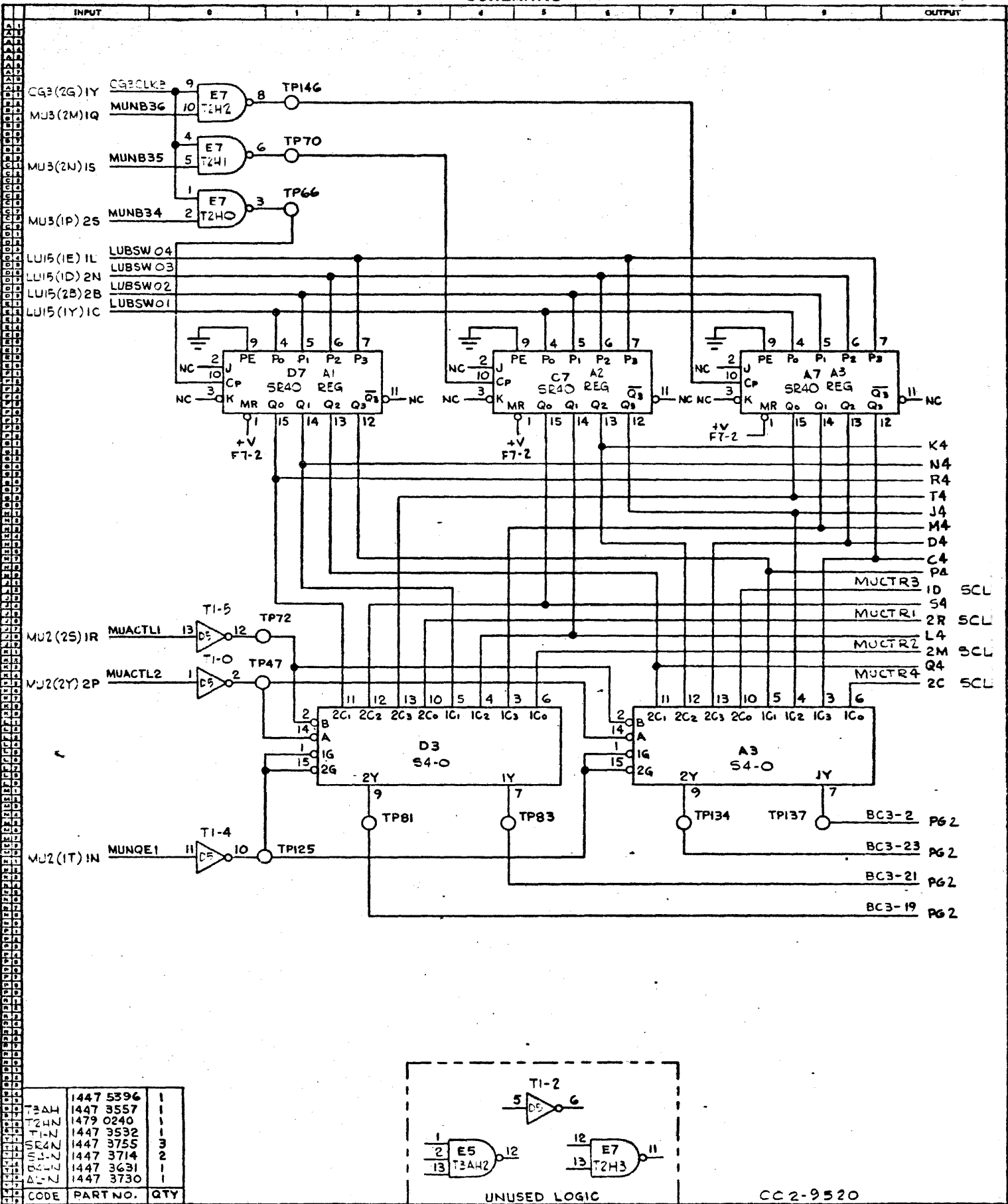
DOWNTOWN PLANT
U.S. AMERICA

REVISIONS

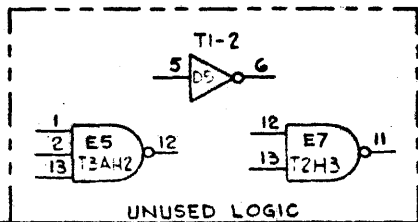
FILE		CLASS CODE	
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SHEET	NO. OF SHEETS	PLT NO.	PLV
6	2607 3288	038	B

62

SCHEMATIC

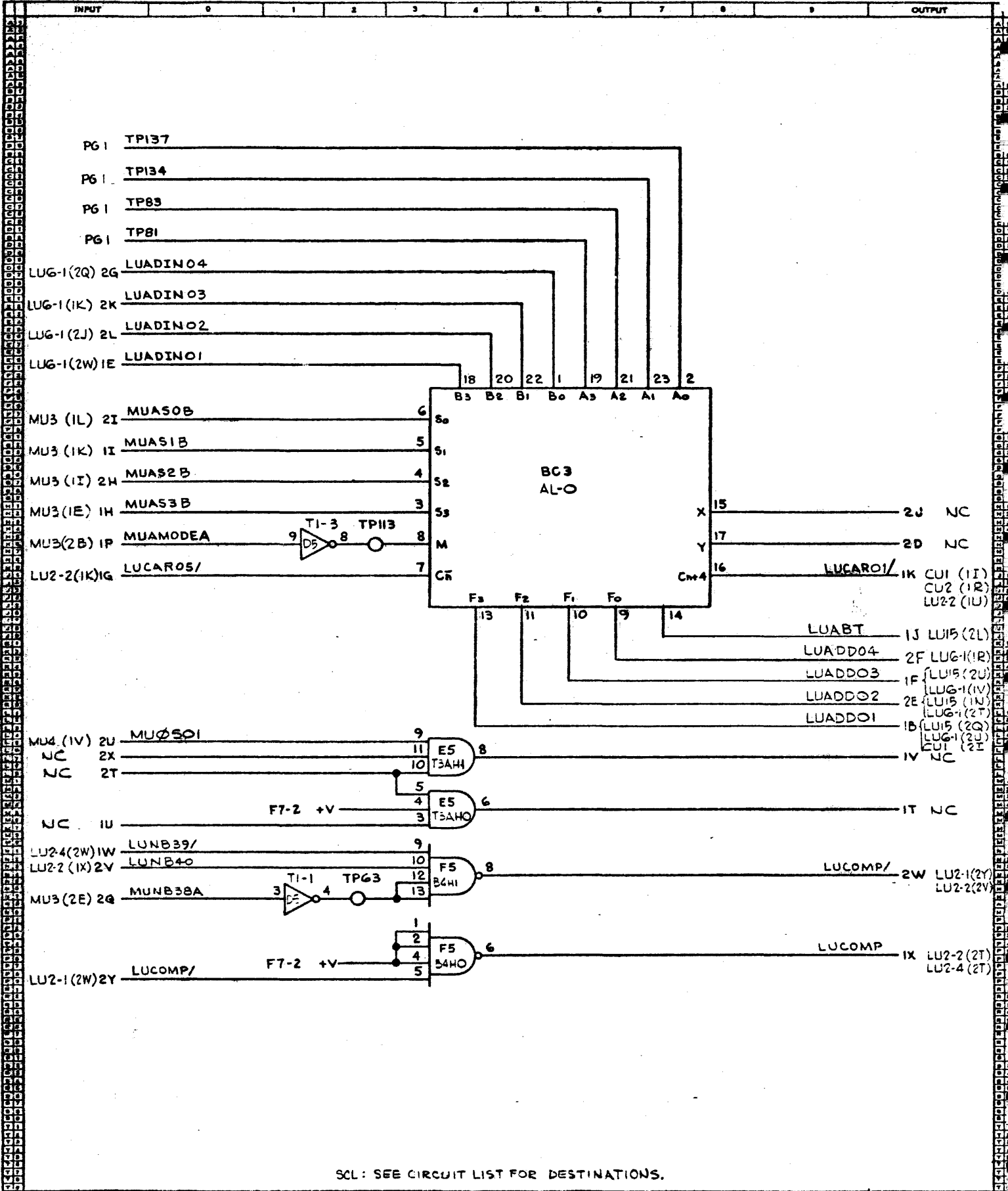


T2AH	1447 5396	1
T2HN	1447 3557	1
T1-N	1479 0240	1
SR4N	1447 3532	1
SR4N	1447 3755	3
SR4N	1447 3714	2
BC3-N	1447 3631	1
BC3-N	1447 3730	1
CODE	PART NO.	QTY



CC 2-9520

SCHEMATIC

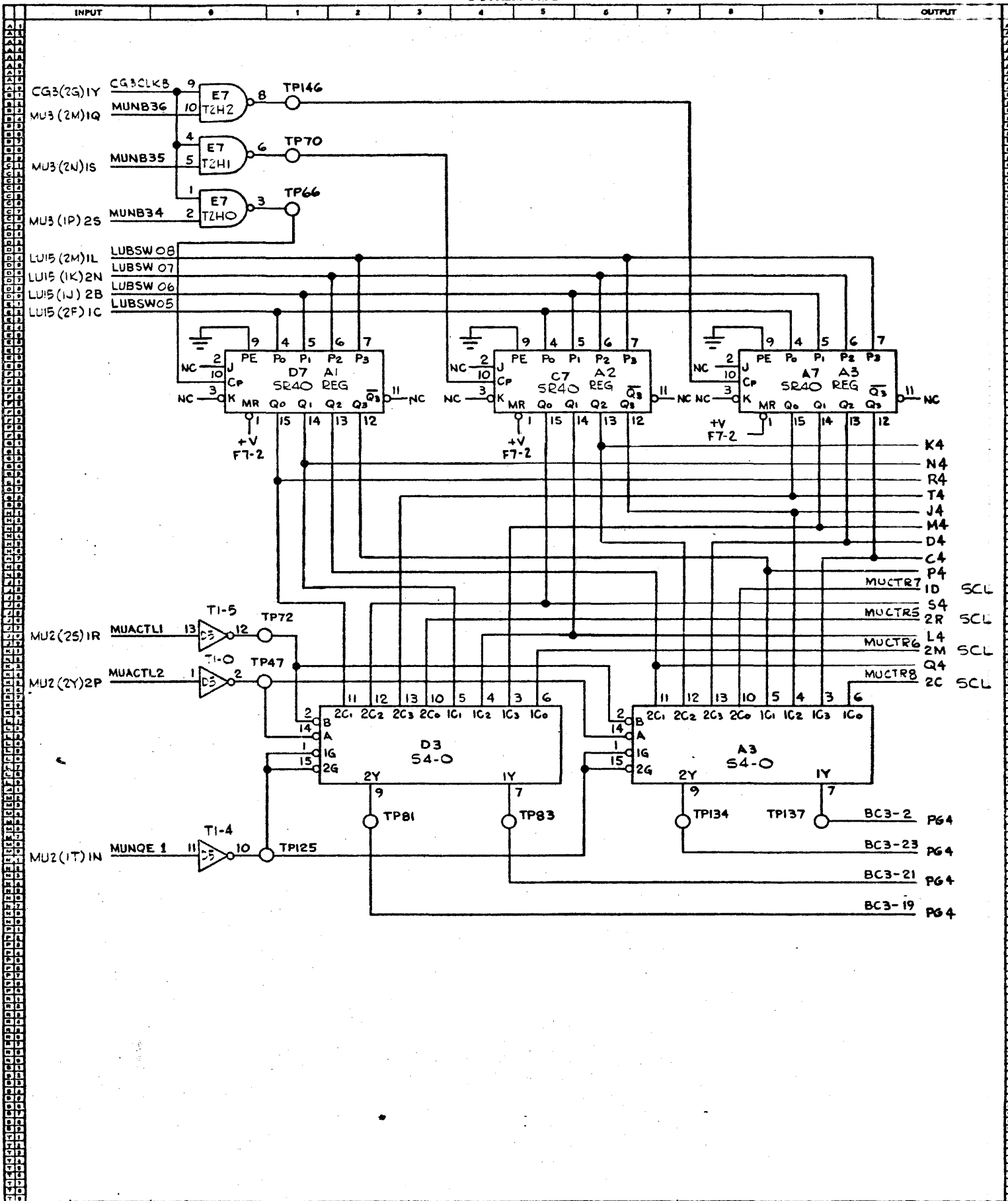


SCL: SEE CIRCUIT LIST FOR DESTINATIONS.

Burroughs Corporation
 MAGNETIC SYSTEMS PLANT DOWNTOWN, PA 19336
PROPERTY OF BURROUGHS CORP - NOT TO BE REPRODUCED FOR USE OF OTHER BRANDS
 FACTURING PURPOSES - CONTACT BURROUGHS ORDER OR PRIOR WRITTEN CONSENT

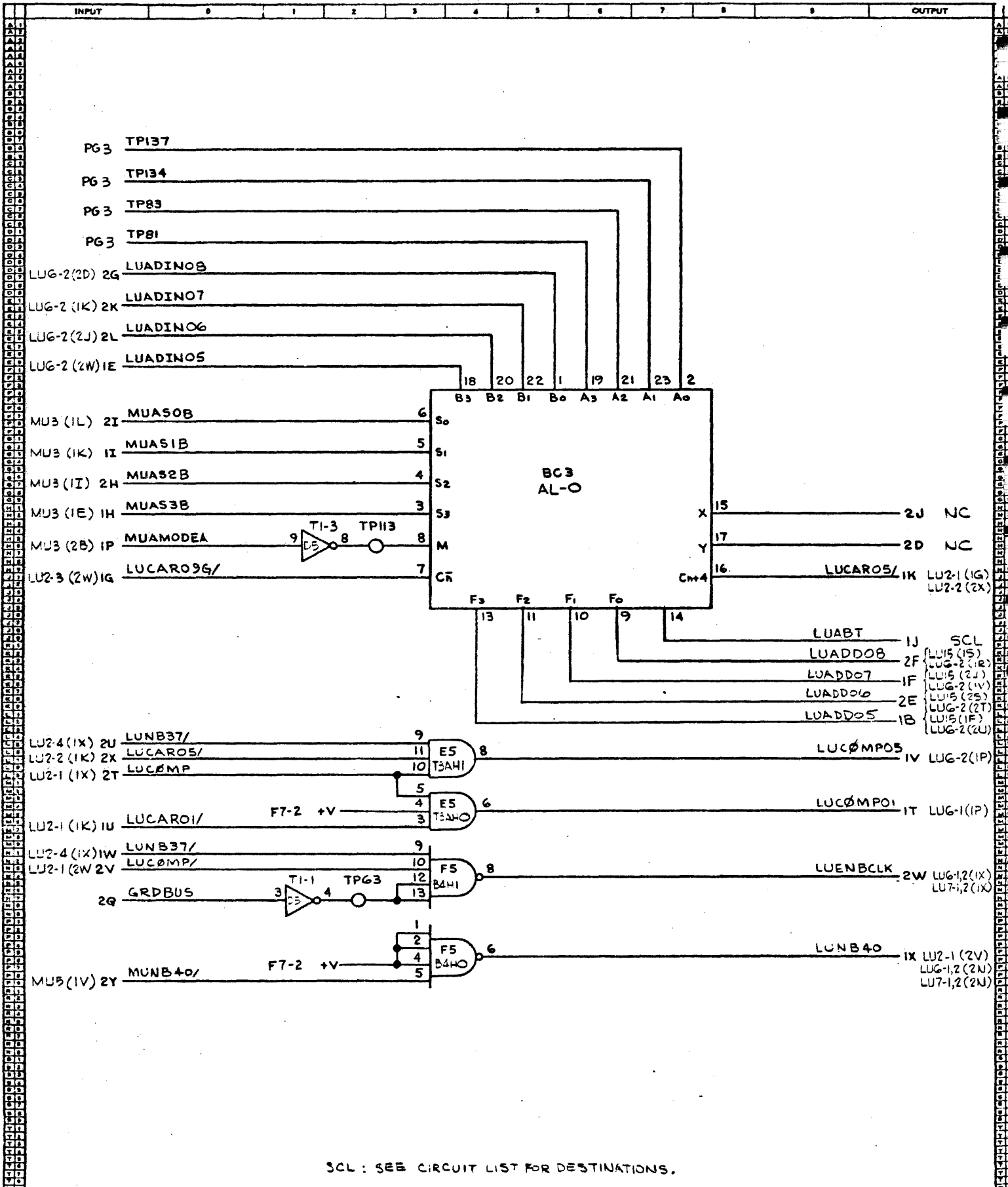
TITLE LU2 LOGIC UNIT
 SYSTEM 8700
 DRAWN M. SULLIVAN CHECKED F. SCHROEDER
 APPROVED B. DINLEMAN RELEASED
 PAGE 2 OF
 REV. LETTER G PER ECARNEY
 64
 11-7-64
 PRINTED IN U.S.A.

SCHEMATIC



INPUT	0	1	2	3	4	5	6	7	8	9	OUTPUT
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Burroughs Corporation</p> <p>MAGNETIC SYSTEMS PLANT DOWNTOWNTOWN, Pa 19338</p> <p><small>PROPERTY OF BURROUGHS CORP - NOT TO BE REPRODUCED OR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT</small></p> </div> <div style="width: 50%;"> <p>TITLE LU2-2 LOGIC UNIT</p> <p>SYSTEM B700 DWG. NO. 1447 8283</p> <p>DRAWN M. SULLIVAN CHECKED F. SCHROEDER PAGE 3 OF 4</p> <p>APPROVED B. DIMERMAN RELEASED 10-29-71 REV. LETTER G PRR-4536</p> <p align="right">65 REDRAWN</p> </div> </div>											

SCHMATIC

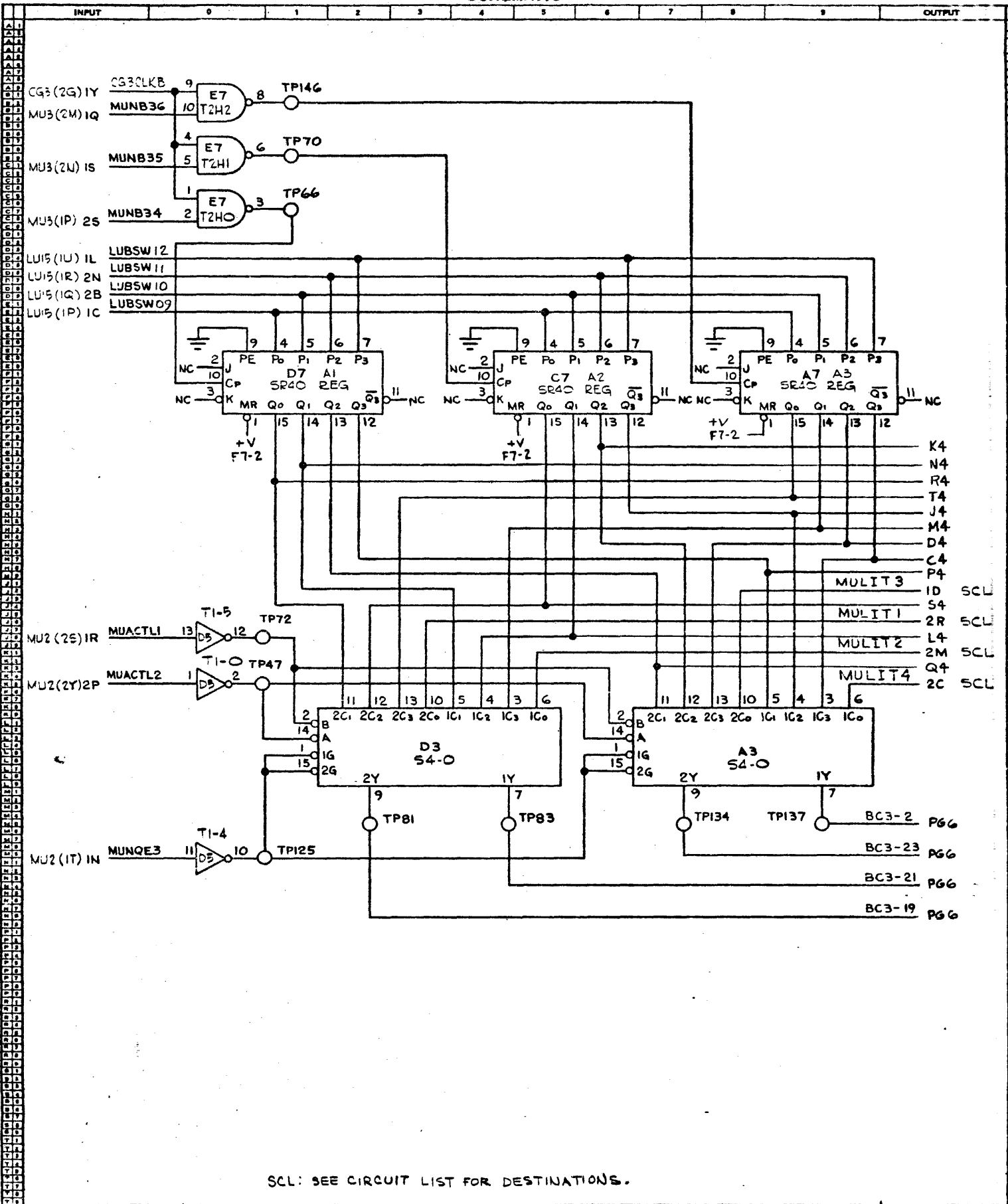


SCL : SEE CIRCUIT LIST FOR DESTINATIONS.

Burroughs Corporation
 MAGNETIC SYSTEMS PLANT 3 DOWNINGTOWN, PA 19338
PROPERTY OF BURROUGHS CORPORATION TO BE REPRODUCED FROM USED FOR THE COMPANY EXCLUDING BUSINESS RELATIONS BURROUGHS DIVISION OR FROM WRITTEN CONTRACT

TITLE LU2-2 LOGIC UNIT
 SYSTEM BT00
 DRAWN M. SULLIVAN CHECKED F. SCHROEDER DWG. NO. 1447 8283
 APPROVED B. DINERMAN RELEASED REV. LETTER PER ECUN

SCHEMATIC

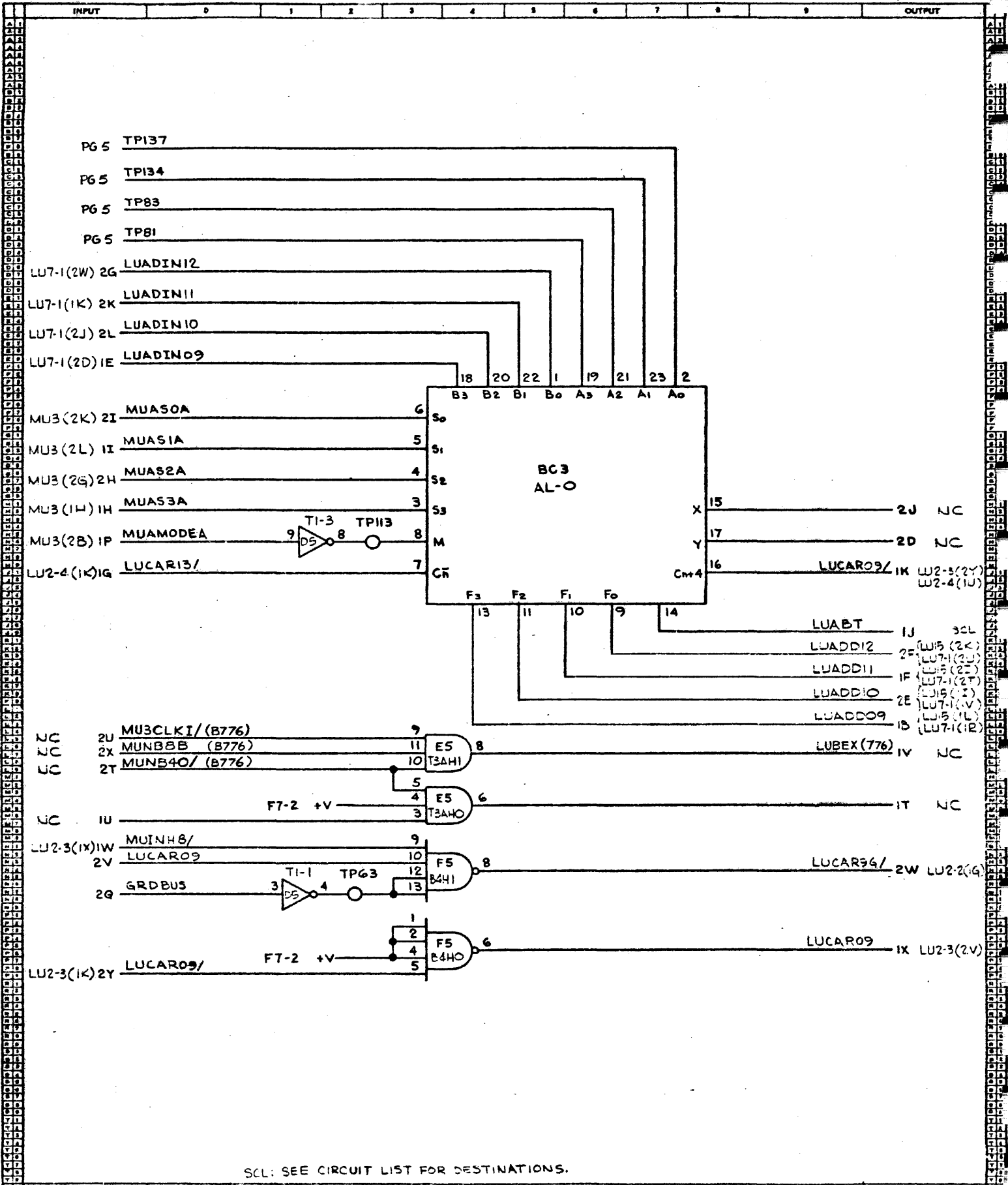


SCL: SEE CIRCUIT LIST FOR DESTINATIONS.

Burroughs Corporation
 MAGNETIC SYSTEMS PLANT DOWNTOWN, PA 19338
PROPERTY OF BURROUGHS CORP. - NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT

TITLE LU2-LOGIC UNIT
 SYSTEM B700
 DRAWN M. SULLIVAN CHECKED F. SCHROEDER PAGE 5 OF
 APPROVED B. DINKELMAN RELEASED 10-29-71 REV. LETTER G PER ENR. 26
 67 REDRAWN

SCHMATIC

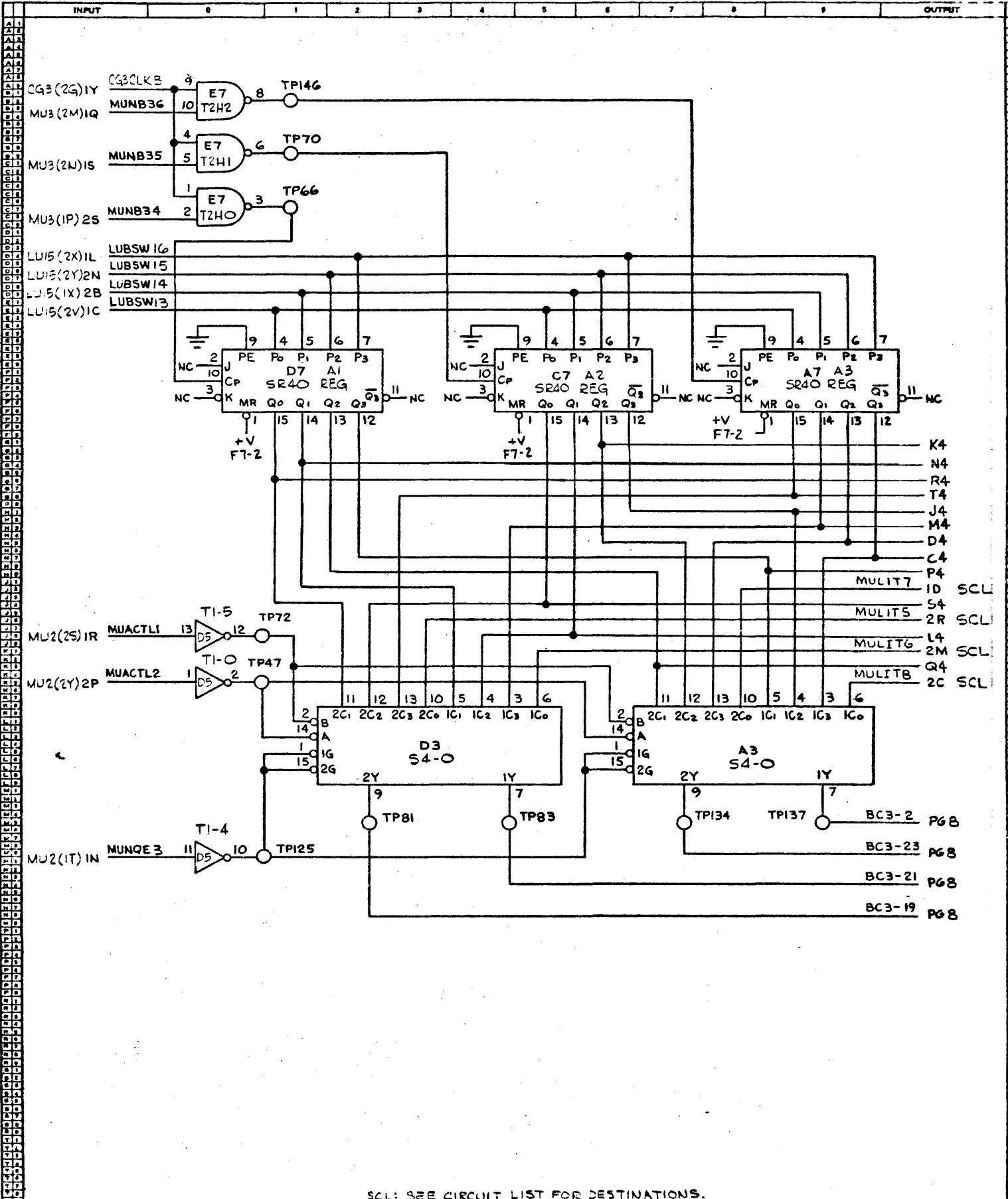


SCL: SEE CIRCUIT LIST FOR DESTINATIONS.

Burroughs Corporation
 MAGNETIC SYSTEMS PLANT DC WINGTOWN, PA 19335
 PROPERTY OF BURROUGHS CORP. - NOT TO BE REPRODUCED NOR USED FOR MANUFACTURE OF ANY INSTRUMENTS OR EQUIPMENT WITHOUT THE WRITTEN CONSENT OF BURROUGHS CORPORATION

TITLE LU23 LOGIC UNIT
 SYSTEM B700
 DRAWN M. SULLIVAN CHECKED F. SCHROEDER
 APPF LD B. DINEENAL RELEASED
 DWG. NO. 1447 8283
 PAGE 6 OF
 REV. LETTER 3 PER ECN 100

SCHMATIC

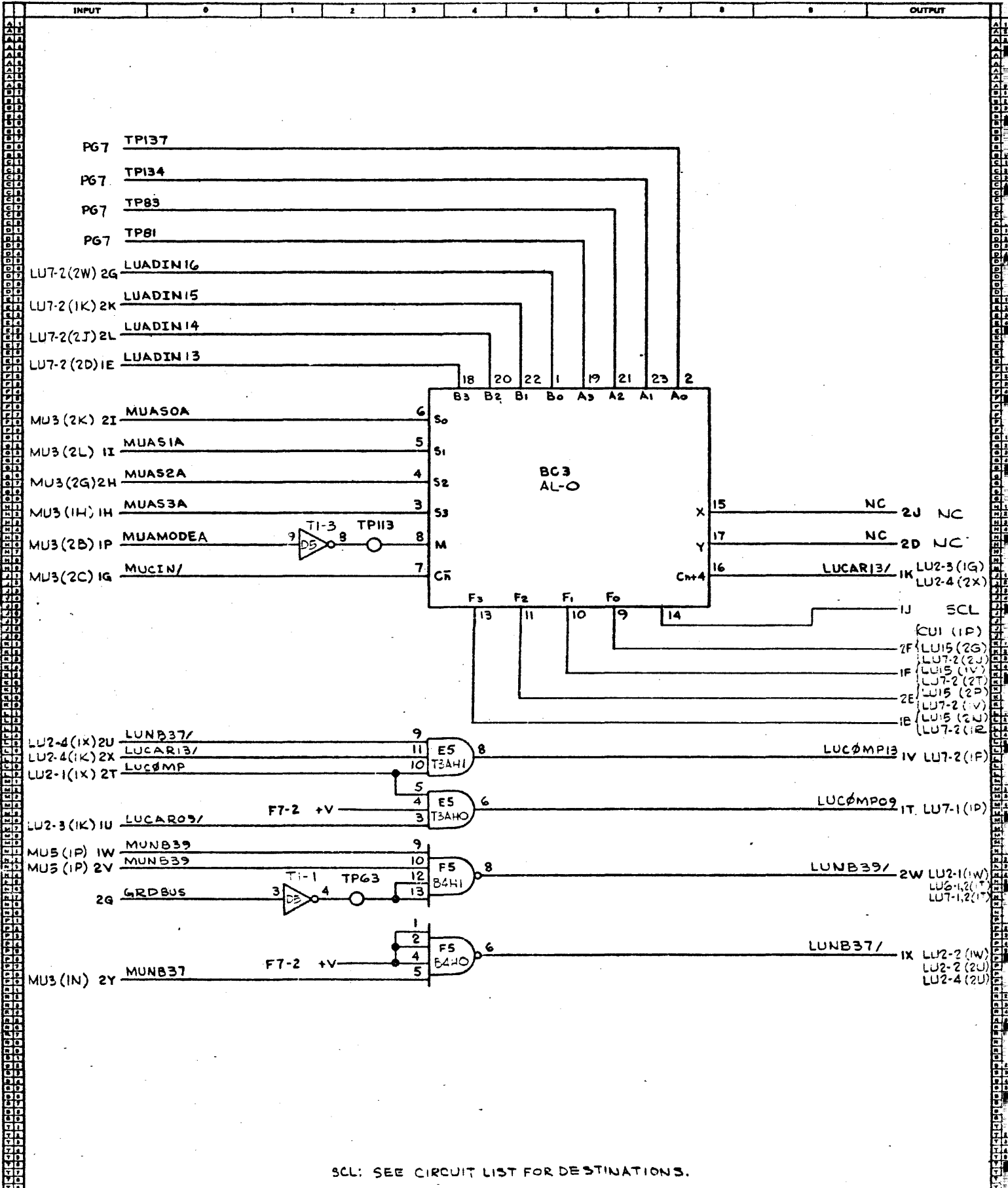


SCL: SEE CIRCUIT LIST FOR DESTINATIONS.

Burroughs Corporation
 MAGNETIC SYSTEMS PLANT
 DOWNTOWN, PA 19338
PROPERTY OF BURROUGHS CORP - NOT TO BE REPRODUCED OR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT

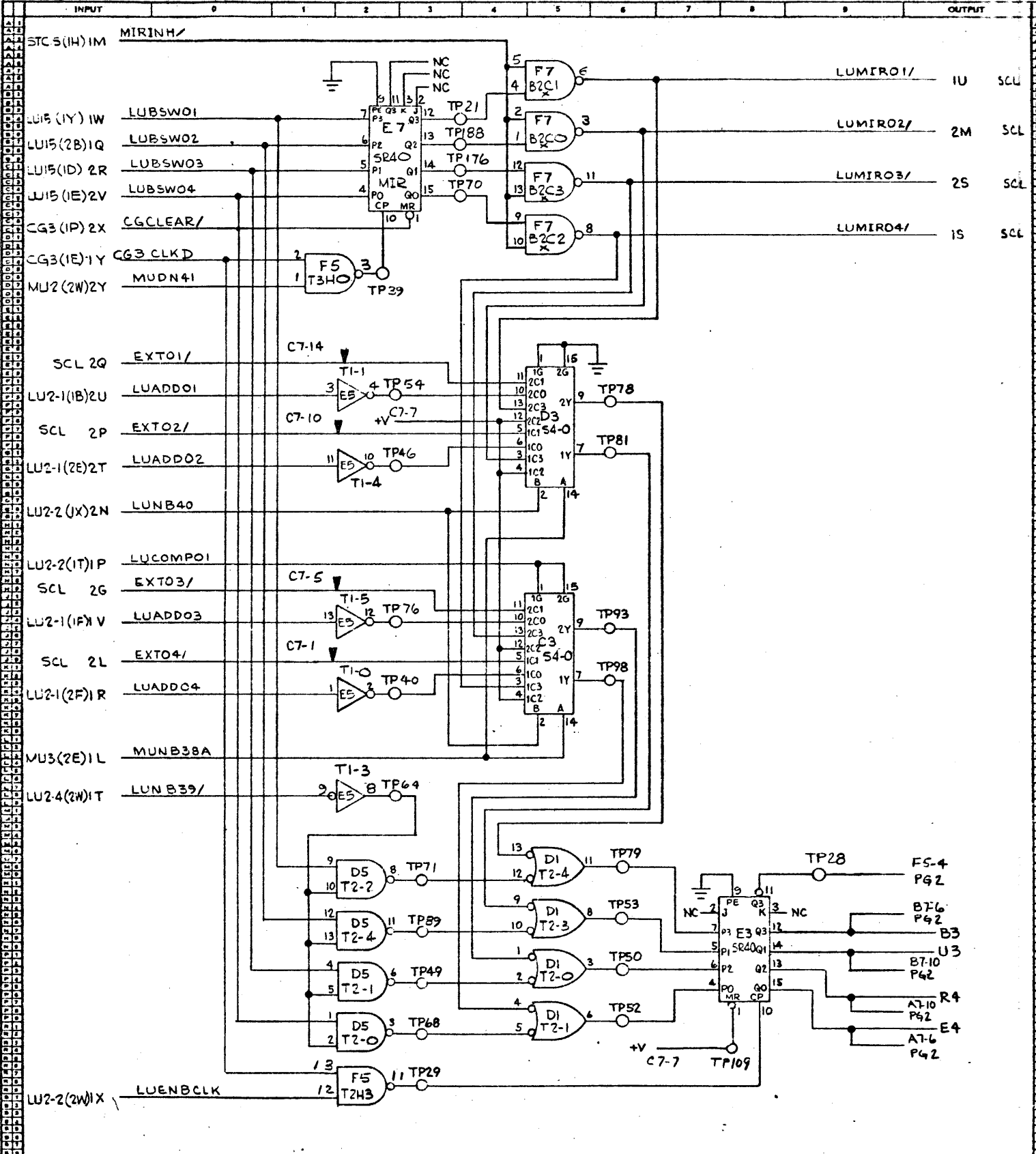
TITLE LU2-ALOGIC UNIT
 SYSTEM B700
 DRAWN M. SULLIVAN CHECKED F. SCHEIDER
 APPROVED B. DIMERMAN RELEASED 10-29-71
 DWG. NO. 1447 8283
 PAGE 7 OF
 REV. LETTER G PER EGF
 REDRAWN

SCHEMATIC



SCL: SEE CIRCUIT LIST FOR DESTINATIONS.

SCHEMATIC



▽ INDICATES PULL-UP OR OPEN COLLECTOR RESISTOR, 237Ω.

SCL: SEE CIRCUIT LIST FOR DESTINATIONS

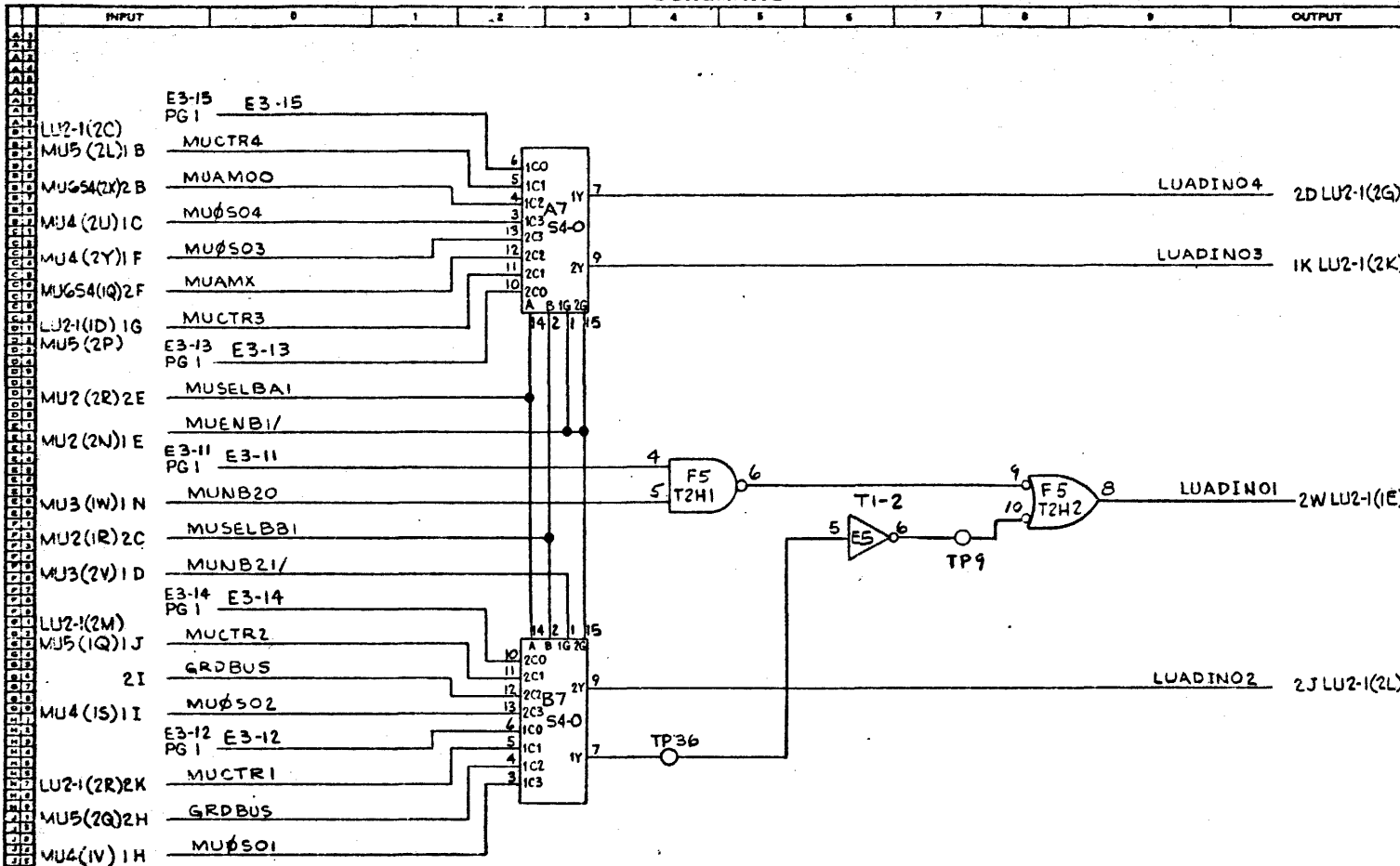
CC 2-9520

Burroughs Corporation
 MAGNETIC SYSTEMS PLANT
 DOWNINGTOWN, PA 19336

PRODUCTION

TITLE LU6-1 LOGIC UNIT B-MST
 SYSTEM DRAWN JD
 APPROVED CHECKED C.B.
 RELEASED
 DWG. NO. 2600 3520
 PAGE 1 OF 4
 REV. LETTER D LUG-1
 71

SCHMATIC

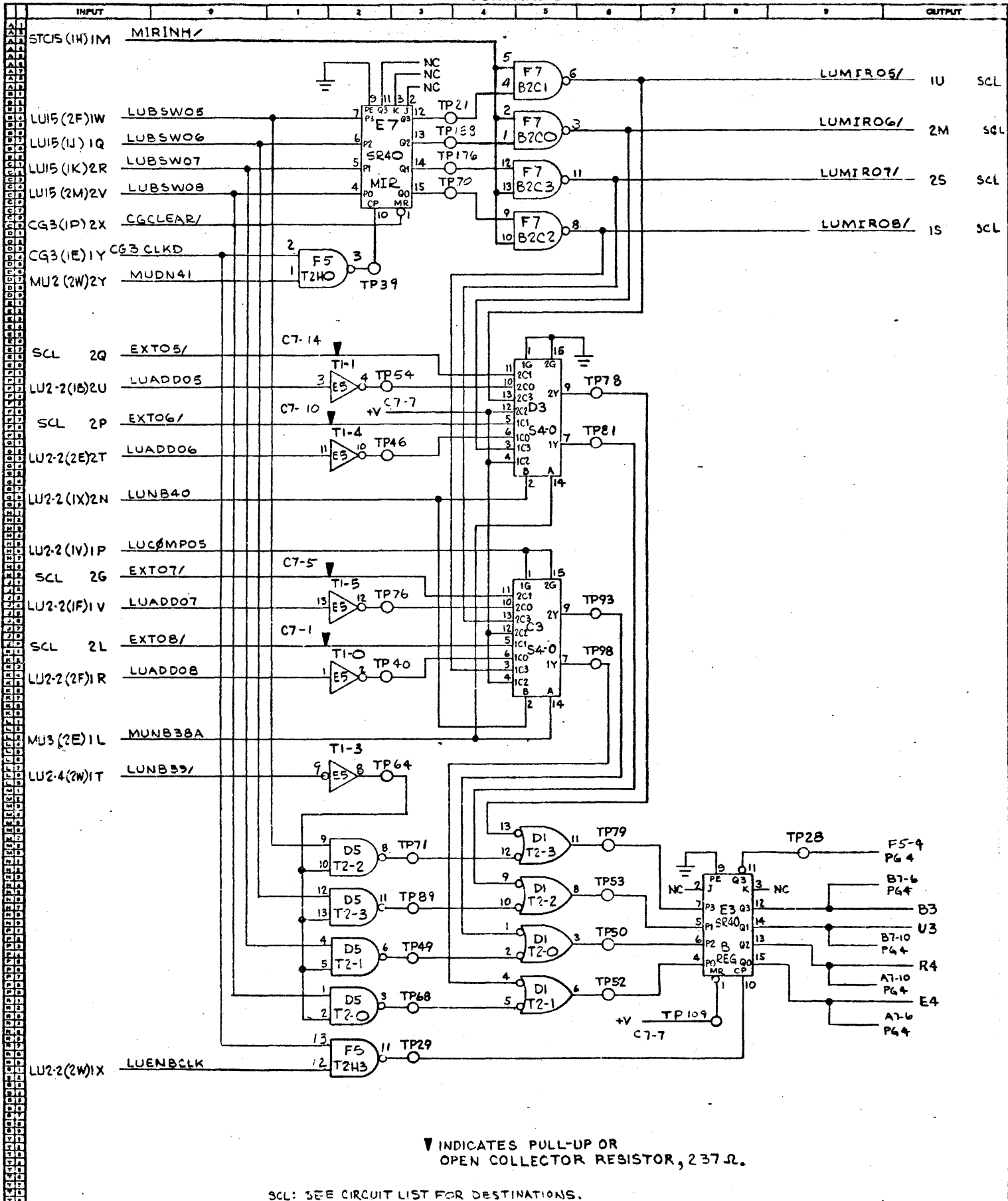


RMOD	1447 5396	1
S4-N	1447 3714	4
T2HN	1479 0240	1
T1-N	1447 3532	1
SR4N	1447 3755	2
E2CN	1447 3581	1
T2-N	1447 3516	2
CODE	PART NO.	QTY

SCL : SEE CIRCUIT LIST FOR DESTINATIONS

INPUT	0	1	2	3	4	5	6	7	8	9	OUTPUT			
Burroughs Corporation MAGNETIC SYSTEMS PLANT DOWNINGTOWN, PA. 19335			PRODUCTION			TITLE LU6-1 LOGIC UNIT B-MST SYSTEM DRAWN J.P. APPROVED B.B.			CHECKED C.B. RELEASED			DWG. NO. 2600 5520 PAGE 2 OF 2 REV. LETTERS 11-7-64		

SCHEMATIC

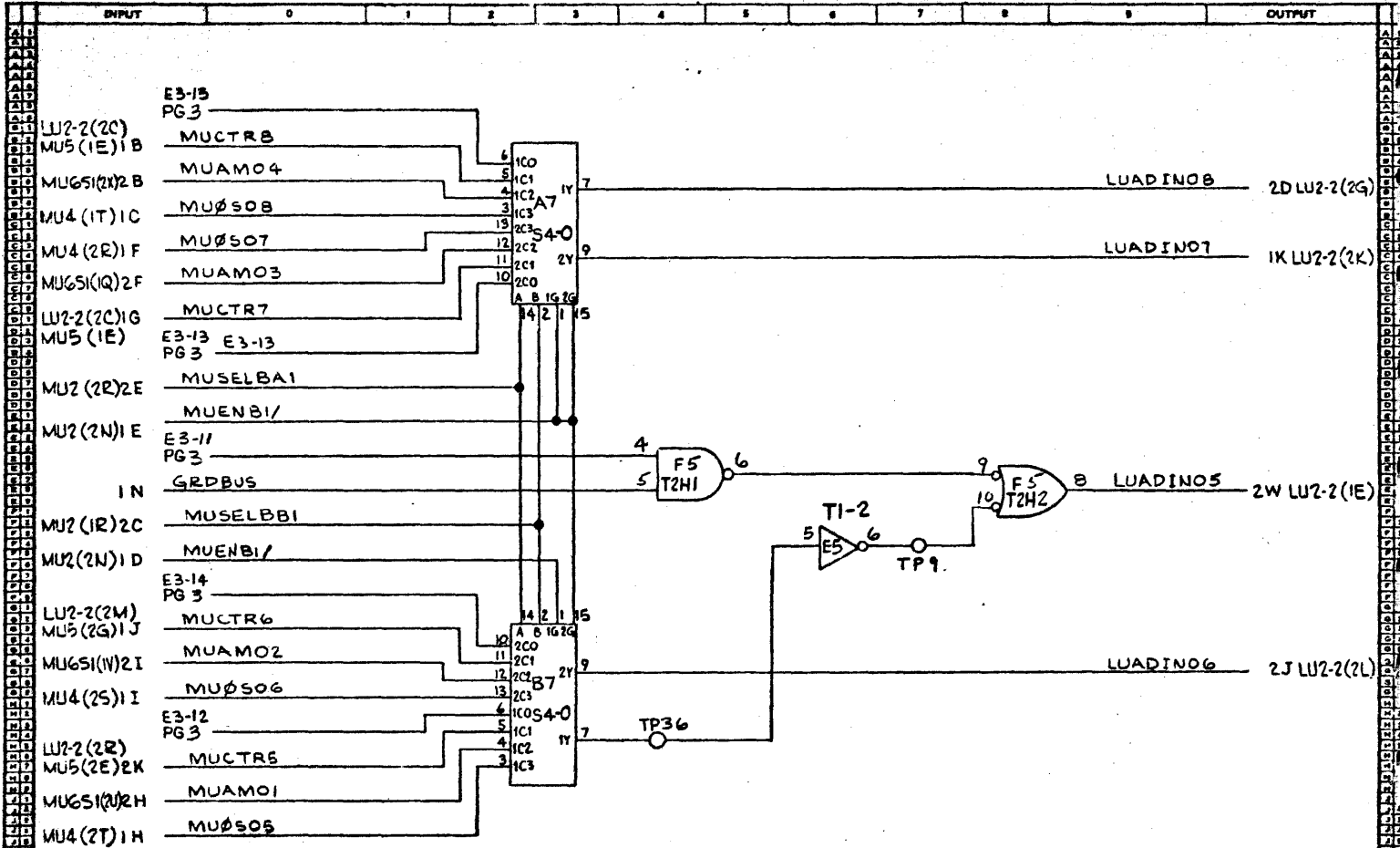


▼ INDICATES PULL-UP OR OPEN COLLECTOR RESISTOR, 237 Ω.

SCL: SEE CIRCUIT LIST FOR DESTINATIONS.

U 2	INPUT	0	1	2	3	4	5	6	7	8	9	OUTPUT
U 4	<p align="center">Burroughs Corporation</p> <p align="center">MAGNETIC SYSTEMS PLANT DOWNTOWN, PA 19338</p> <p align="center">PROPERTY OF BURROUGHS CORP. - NOT TO BE REPRODUCED, RENTED, COPIED, OR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT</p>											
U 6	<p align="center">PRODUCTION</p>											
U 8	<p>TITLE: LUB-2 LOGIC UNIT B-MST</p> <p>DRAWN: J. L. CHECKED: C. B.</p> <p>APPROVED: G. B. D. RELEASED: 73</p> <p>DWG. NO. 2600 5520</p> <p>PAGE 3 OF</p> <p>REV. LETTER D E015376</p> <p align="right">11-2-74</p>											

SCHMATIC



SCL: SEE CIRCUIT LIST FOR DESTINATIONS

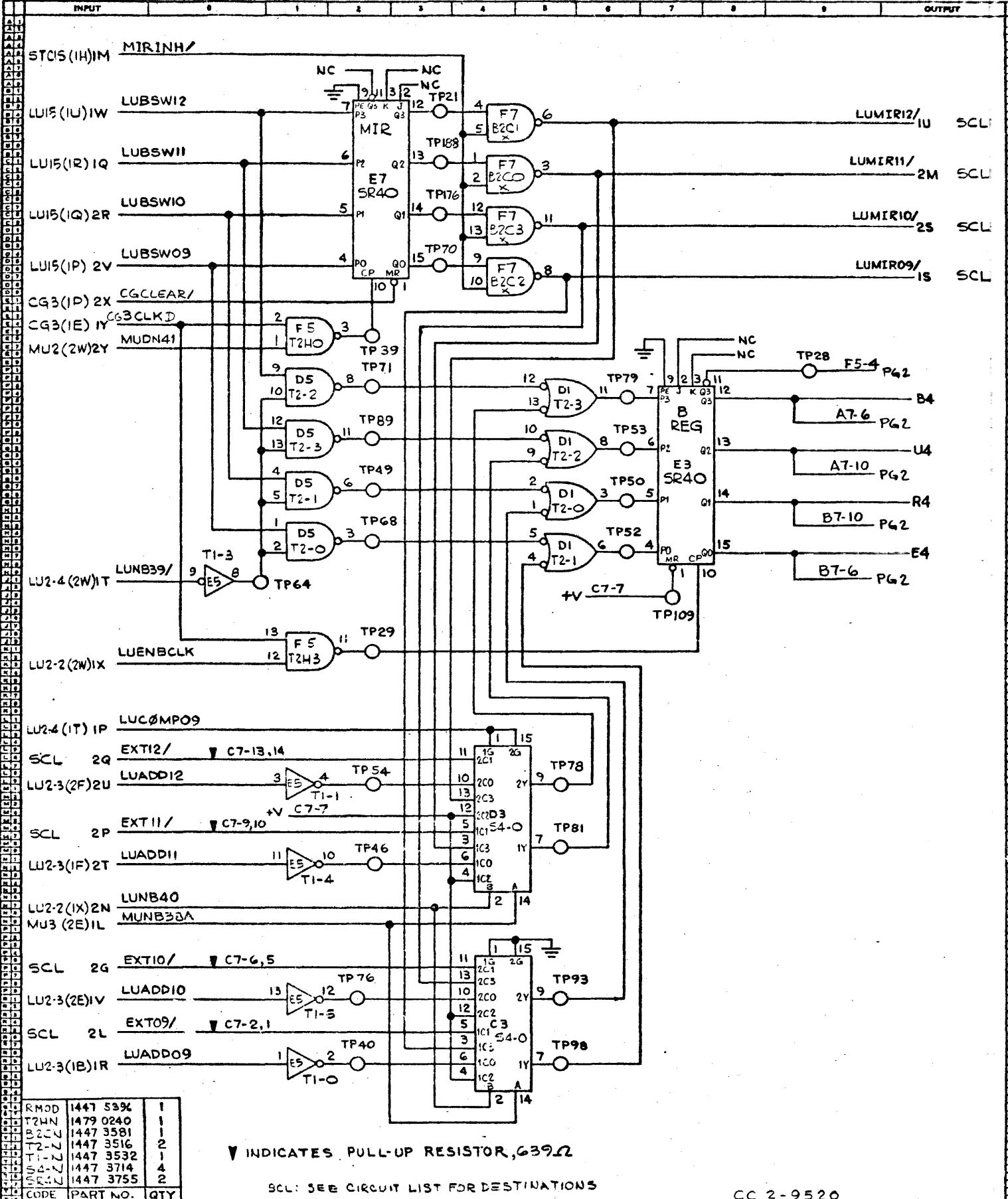
INPUT 0 1 2 3 4 5 6 7 8 9 OUTPUT

Burroughs Corporation
 MAGNETIC SYSTEMS PLANT DOWNINGTOWN, PA 19335
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PRODUCTION

TITLE LU6-2 LOGIC UNIT B-MST
 SYSTEM DRAWN BY D CHECKED C.P.
 APPROVED S.O.D. RELEASED
 DWG. NO. 2600 5520
 PAGE 4 OF
 REV. LETTER D ECN 5376
 74

SCHEMATIC



▽ INDICATES PULL-UP RESISTOR, 639Ω

SCL: SEE CIRCUIT LIST FOR DESTINATIONS

CC 2-9520

RMOD	1447 539	1
T2HN	1479 0240	1
B2CN	1447 3581	1
T2-N	1447 3516	2
T1-N	1447 3532	1
S4-N	1447 3714	4
SR4N	1447 3755	2

CODE PART NO. QTY

Burroughs Corporation

MAGNETIC SYSTEMS PLANT DOWNTOWN, PA 19338

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TITLE LU7-1 LOGIC UNIT B-LST

SYSTEM

DRAWN CL B1540FF 1211 CHECKED 12/10/67 12/10/67

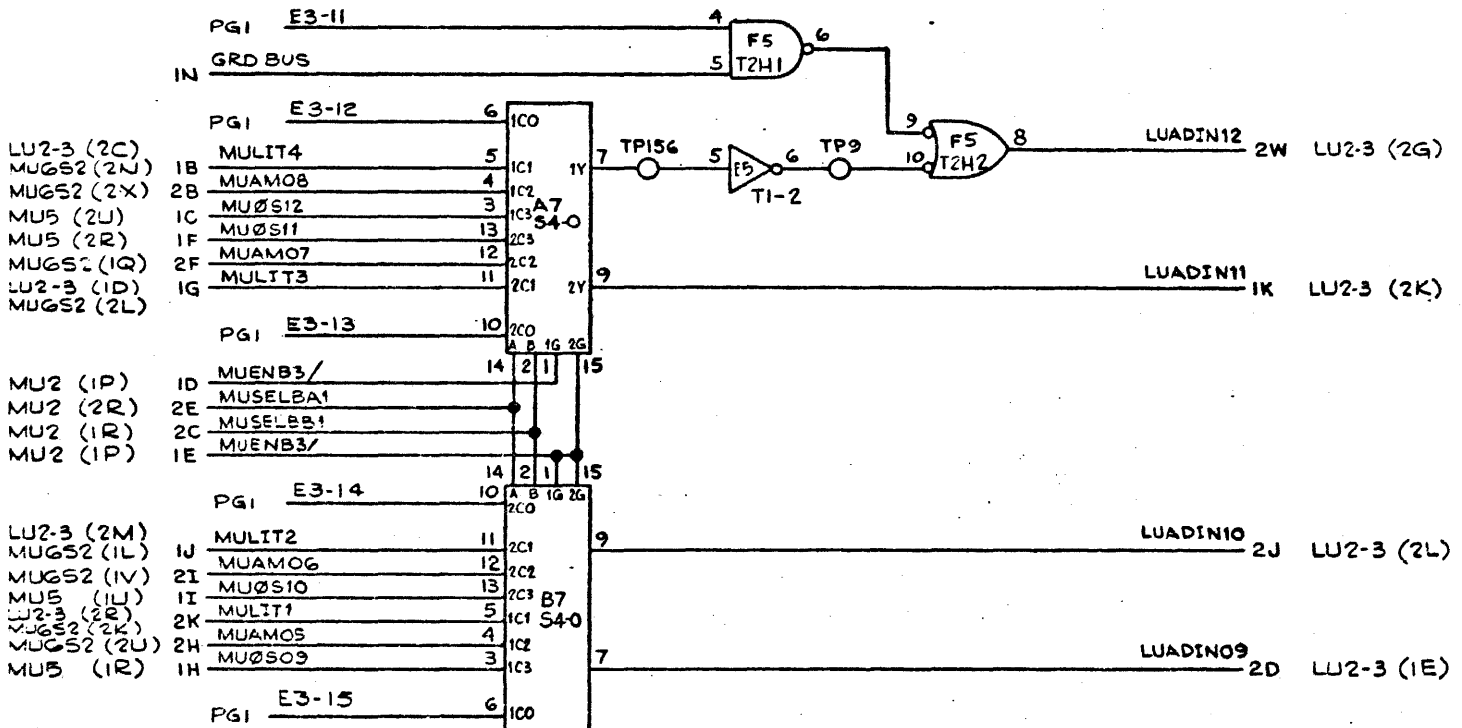
APPROVED RELEASED

DWG. NO. 26005034
PAGE 1 OF 4
REV. LETTER D EUN-973
SMT, 2, 3, 4 12/10/67

4321 RANG
03010 REV

SCHEMATIC

INPUT 0 1 2 3 4 5 6 7 8 9 OUTPUT

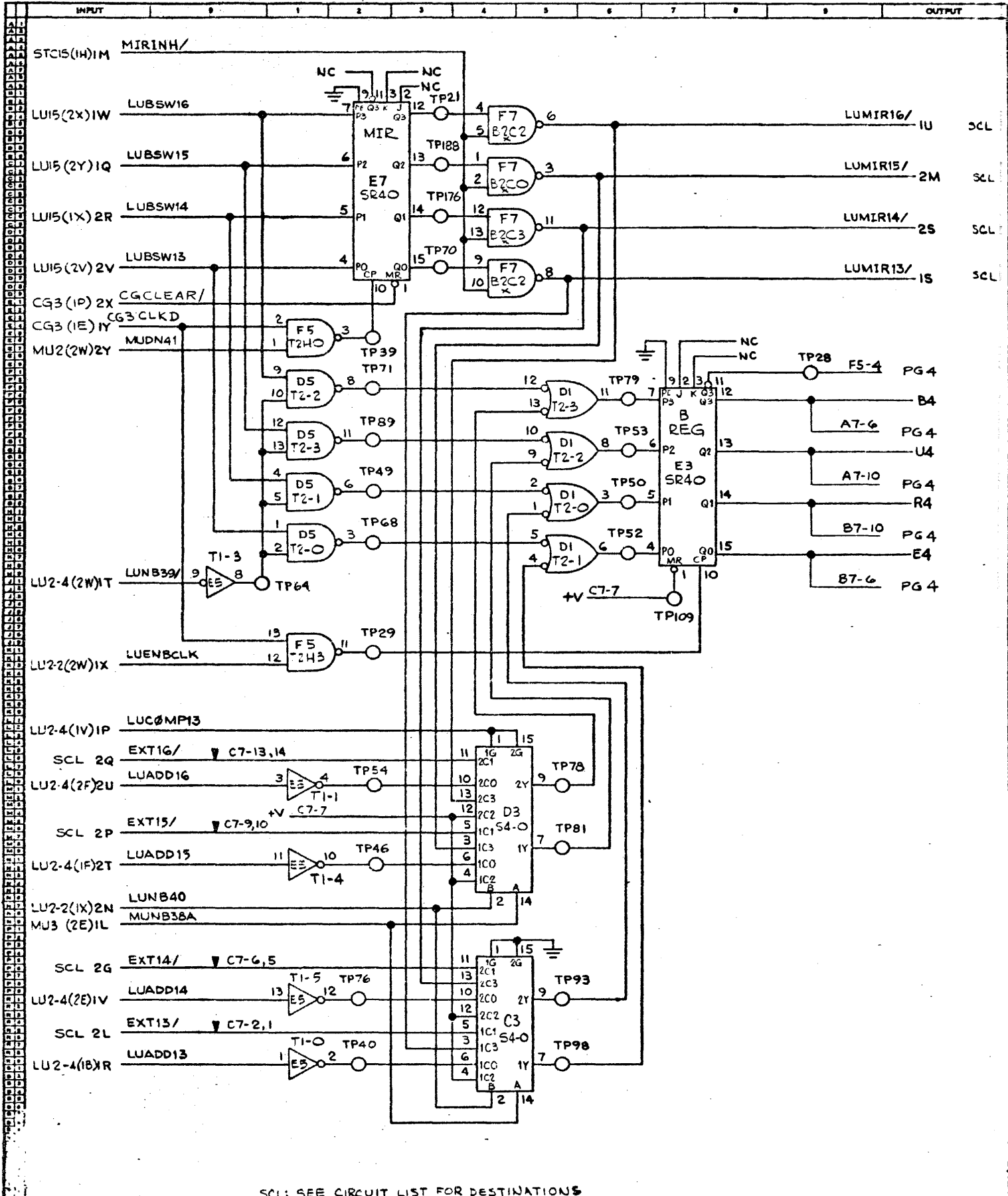


INPUT 0 1 2 3 4 5 6 7 8 9 OUTPUT

Burroughs Corporation
 MAGNETIC SYSTEMS PLANT DOWNTOWN, PA. 19333

TITLE LU7-1 LOGIC UNIT B-LST DWG. NO. 26005934
 SYSTEM DRAWN L.B.S. CHECKED [Signature] PAGE 2
 APPROVED H.P.D. RELEASED REV. LETTERD ECN5376

SCHEMATIC



SCL: SEE CIRCUIT LIST FOR DESTINATIONS

	0	1	2	3	4	5	6	7	8	9	OUTPUT
--	---	---	---	---	---	---	---	---	---	---	--------

Burrhoughs Corporation

MAGNETIC SYSTEMS PLANT DOWNTOWN, PA 19326

PROPERTY OF BURROUGHS CORP - NOT TO BE REPRODUCED OR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT

TITLE LU7-2 LOGIC UNIT B-LST

SYSTEM

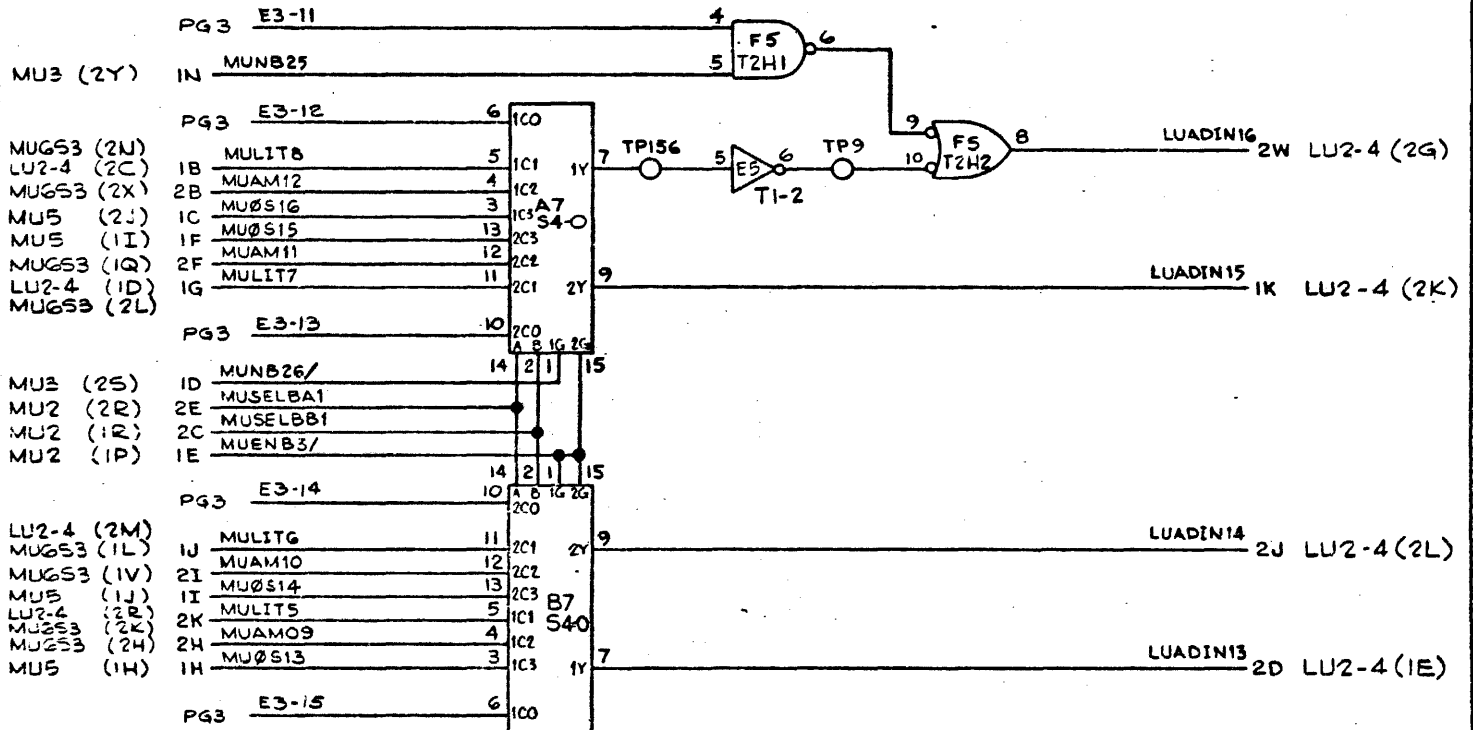
DRAWN L.BISCHOP CHECKED P.L. PAGE 3

APPROVED B.A.R. RELEASED

DWG. NO. 26005934
REV. LETTER D ECN5376
3-12-74

SCHEMATIC

INPUT 0 1 2 3 4 5 6 7 8 9 OUTPUT

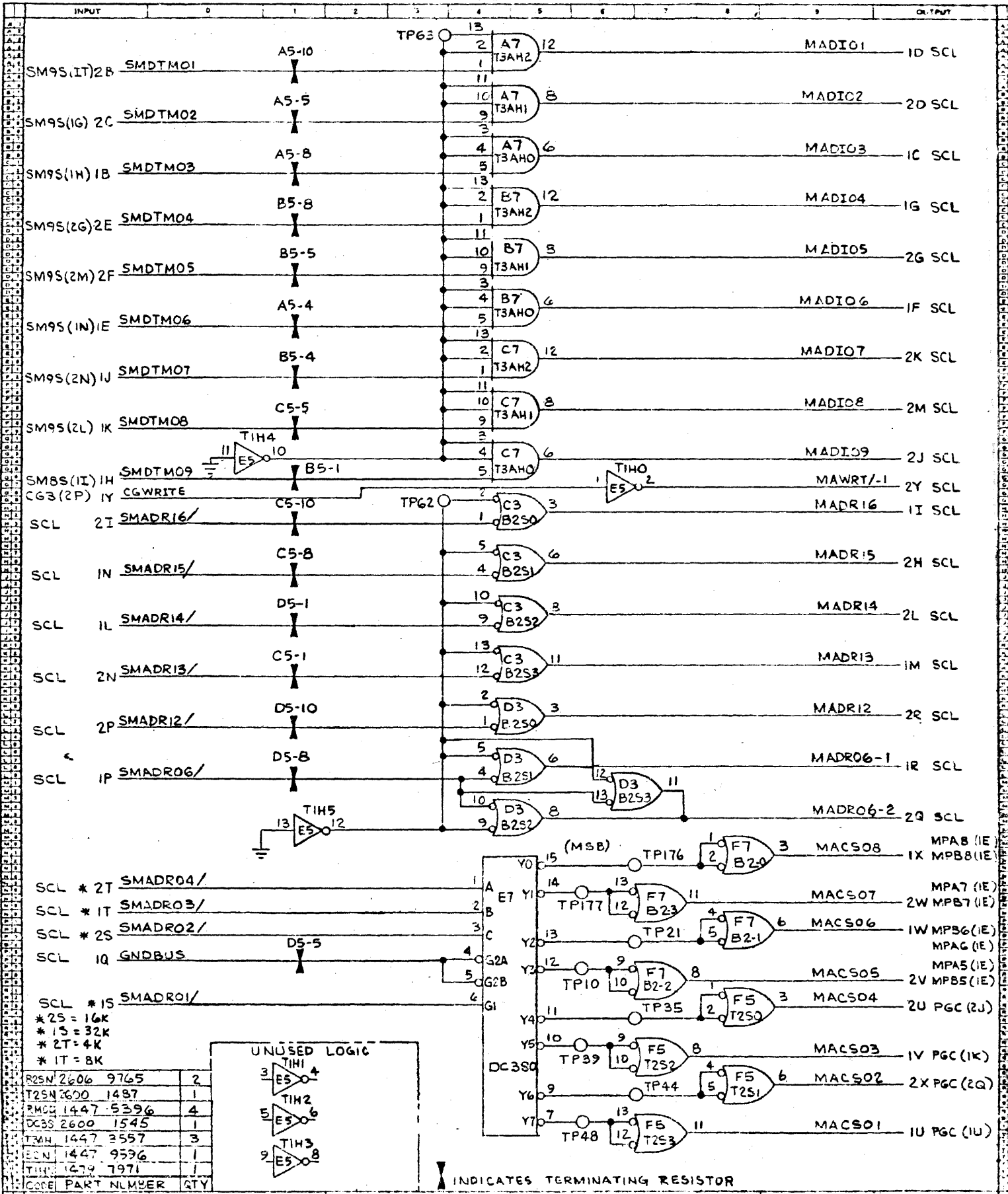


INPUT 0 1 2 3 4 5 6 7 8 9 OUTPUT

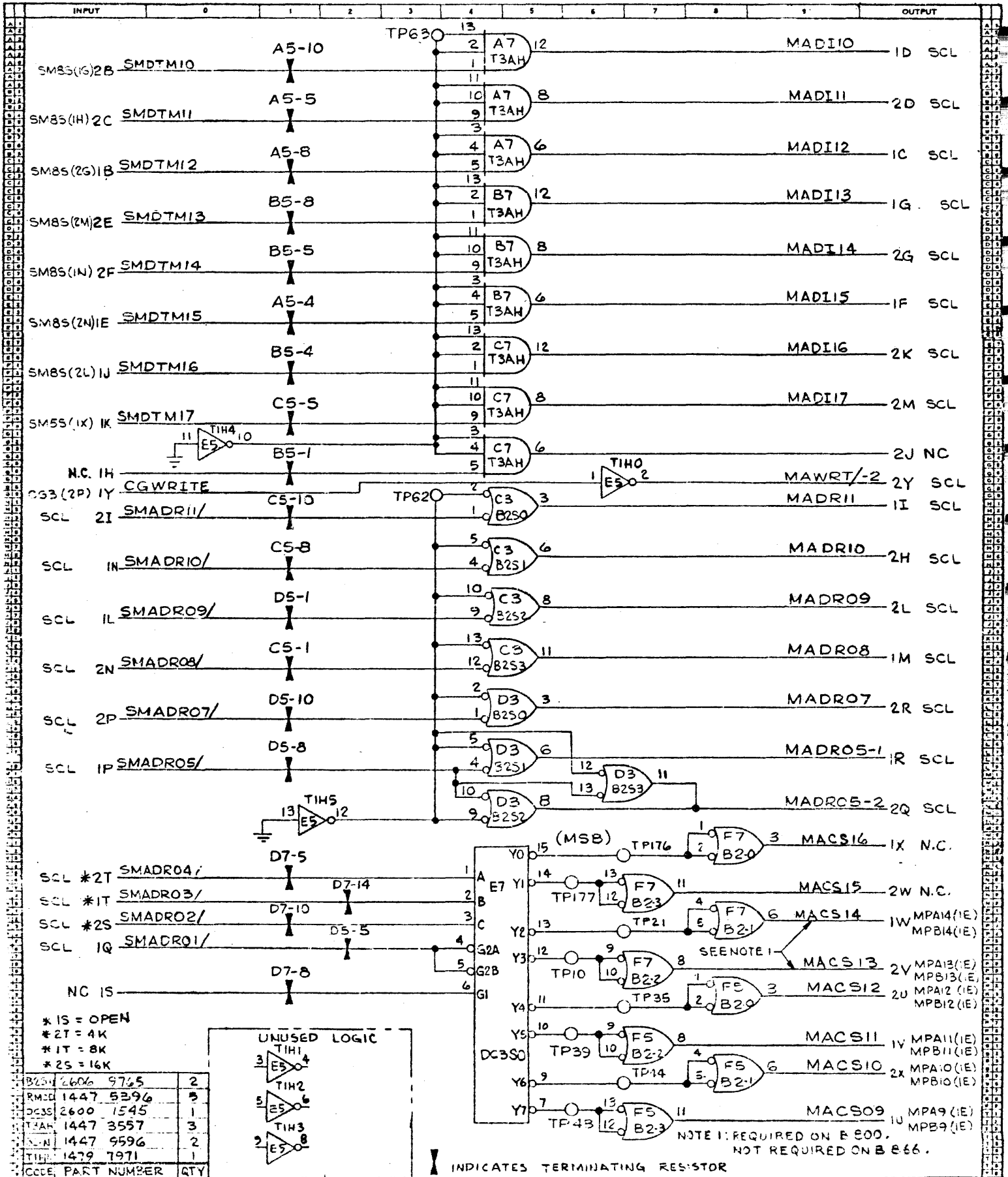
Burroughs Corporation
 MAGNETIC SYSTEMS PLANT DOWNTOWN, PA 19338
 PROPERTY OF BURROUGHS CORP. NOT TO BE REPRODUCED OR USED FOR ANY
 FACTURING PURPOSES EXCEPT ON BURROUGHS ORDER CARDS WRITTEN IN PLANT

TITLE LU7-2 LOGIC UNIT B-LST
 SYSTEM
 DRAWN CLEISCHOFF CHECKED BY [signature] PAGE 4
 APPROVED [signature] RELEASED 78
 DWG. NO. 26005934
 REV. LETTER D 0005376
 98

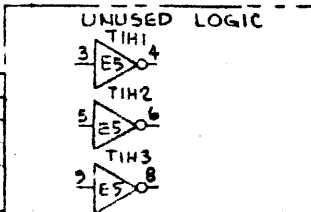
SCHEMATIC



SCHEMATIC



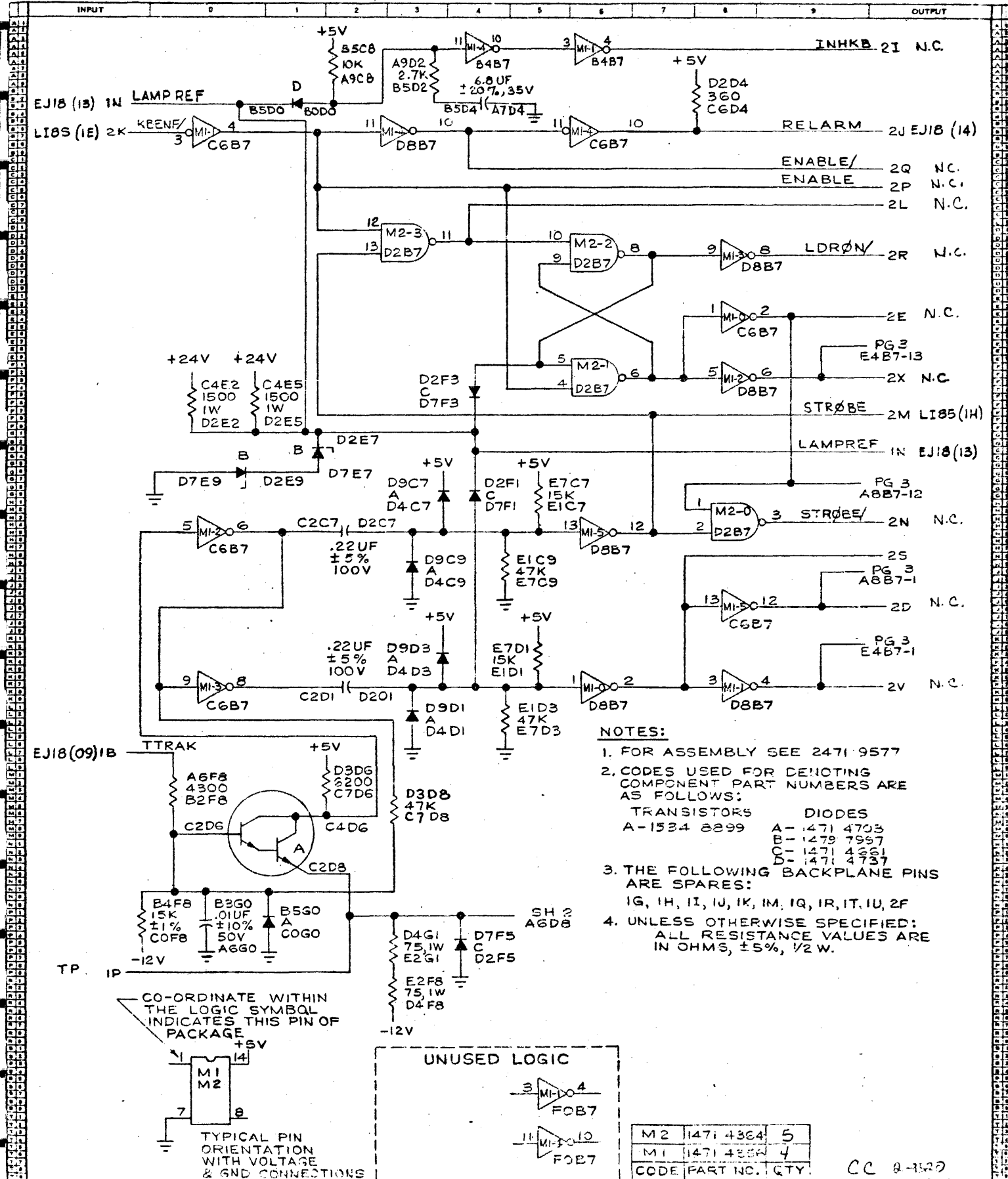
- * 1S = OPEN
- * 2T = 4K
- * 1T = 8K
- * 2S = 16K



QTY	PART NUMBER	QTY
2	B254 2606 9765	2
5	RMC8 1447 5396	5
1	DC35 2600 1545	1
3	T3AH 1447 3557	3
2	T1H 1447 9596	2
1	T1H 1429 7971	1
	QTY PART NUMBER	

INDICATES TERMINATING RESISTOR

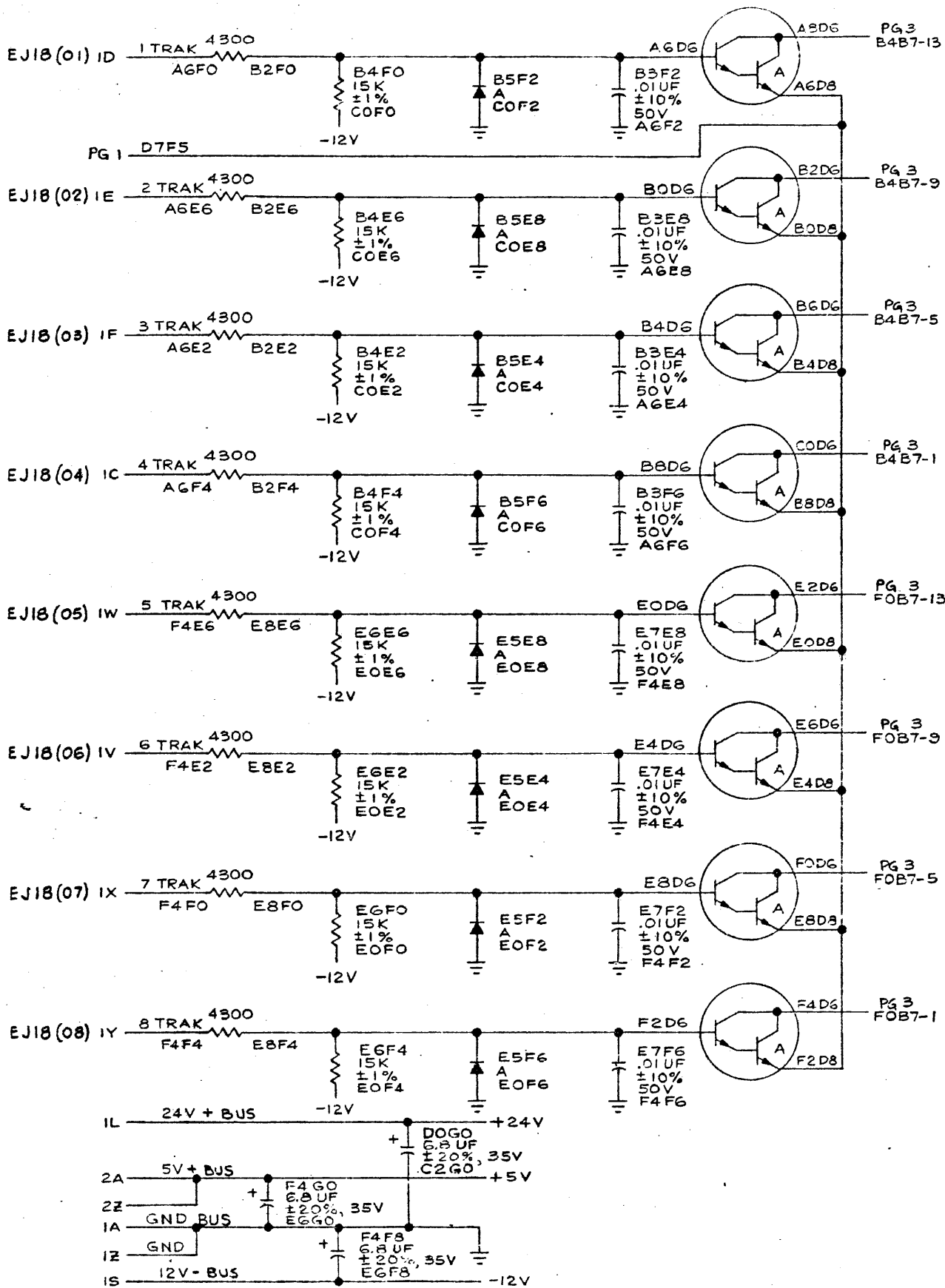
SCHEMATIC



- NOTES:**
1. FOR ASSEMBLY SEE 2471 9577
 2. CODES USED FOR DENOTING COMPONENT PART NUMBERS ARE AS FOLLOWS:
 TRANSISTORS DIODES
 A-1524 8299 A-1471 4703
 B-1479 7957
 C-1471 4561
 D-1471 4787
 3. THE FOLLOWING BACKPLANE PINS ARE SPARES:
 1G, 1H, 1I, 1J, 1K, 1M, 1Q, 1R, 1T, 1U, 2F
 4. UNLESS OTHERWISE SPECIFIED:
 ALL RESISTANCE VALUES ARE IN OHMS, $\pm 5\%$, 1/2 W.

SCHMATIC

INPUT 0 1 2 3 4 5 6 7 8 9 OUTPUT



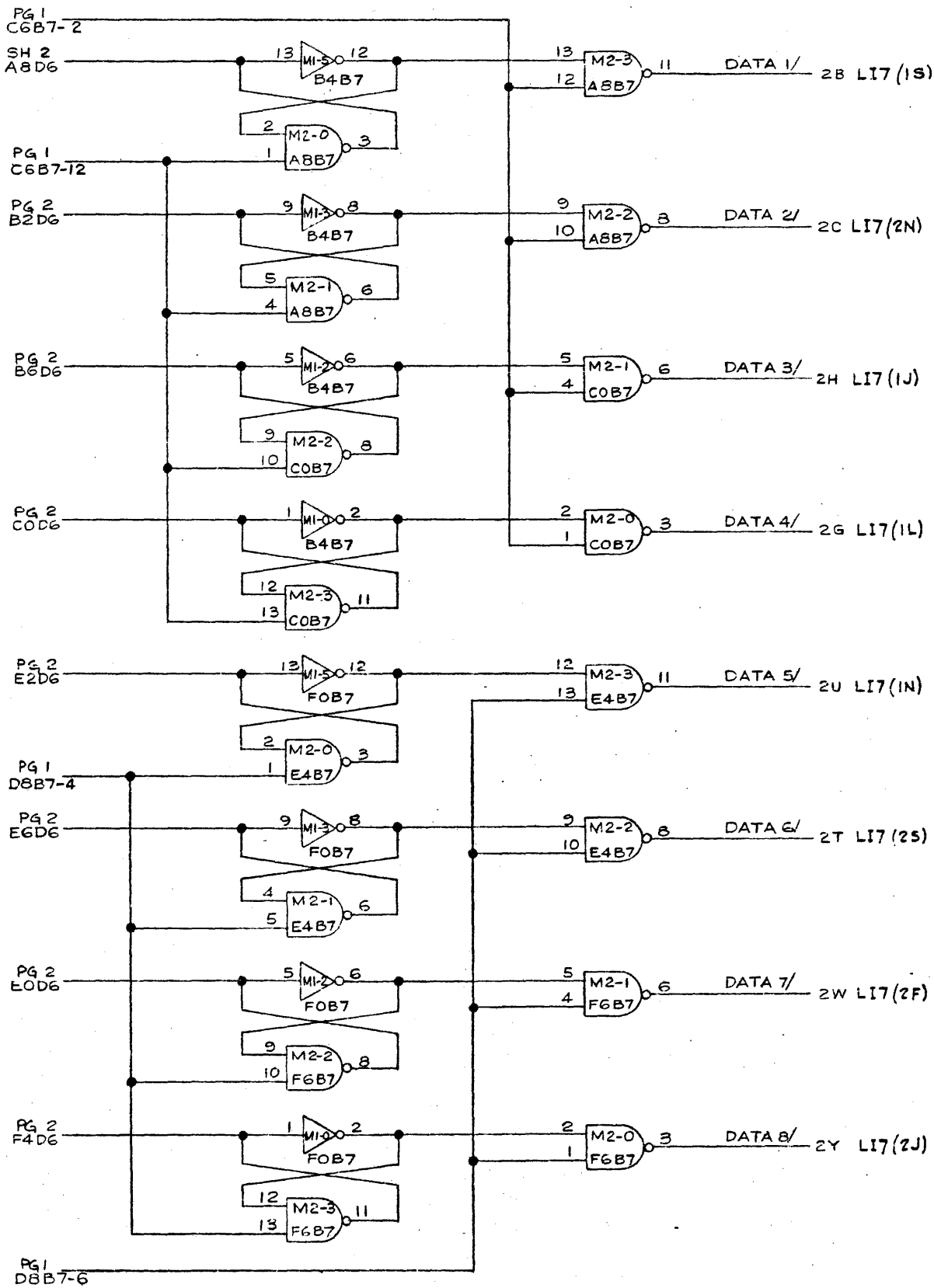
INPUT 0 1 2 3 4 5 6 7 8 9 OUTPUT

Burroughs Corporation
DOWNTOWN PLANT
COMPUTER SYSTEMS GROUP

TIME M.L.L.
DATE 2603 4815 D
DRAWN BY
CHKD BY
APPROVED BY
DATE

SCHEMATIC

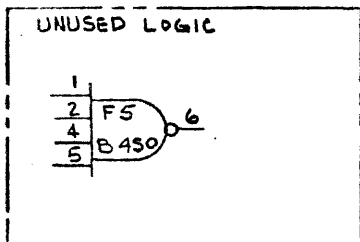
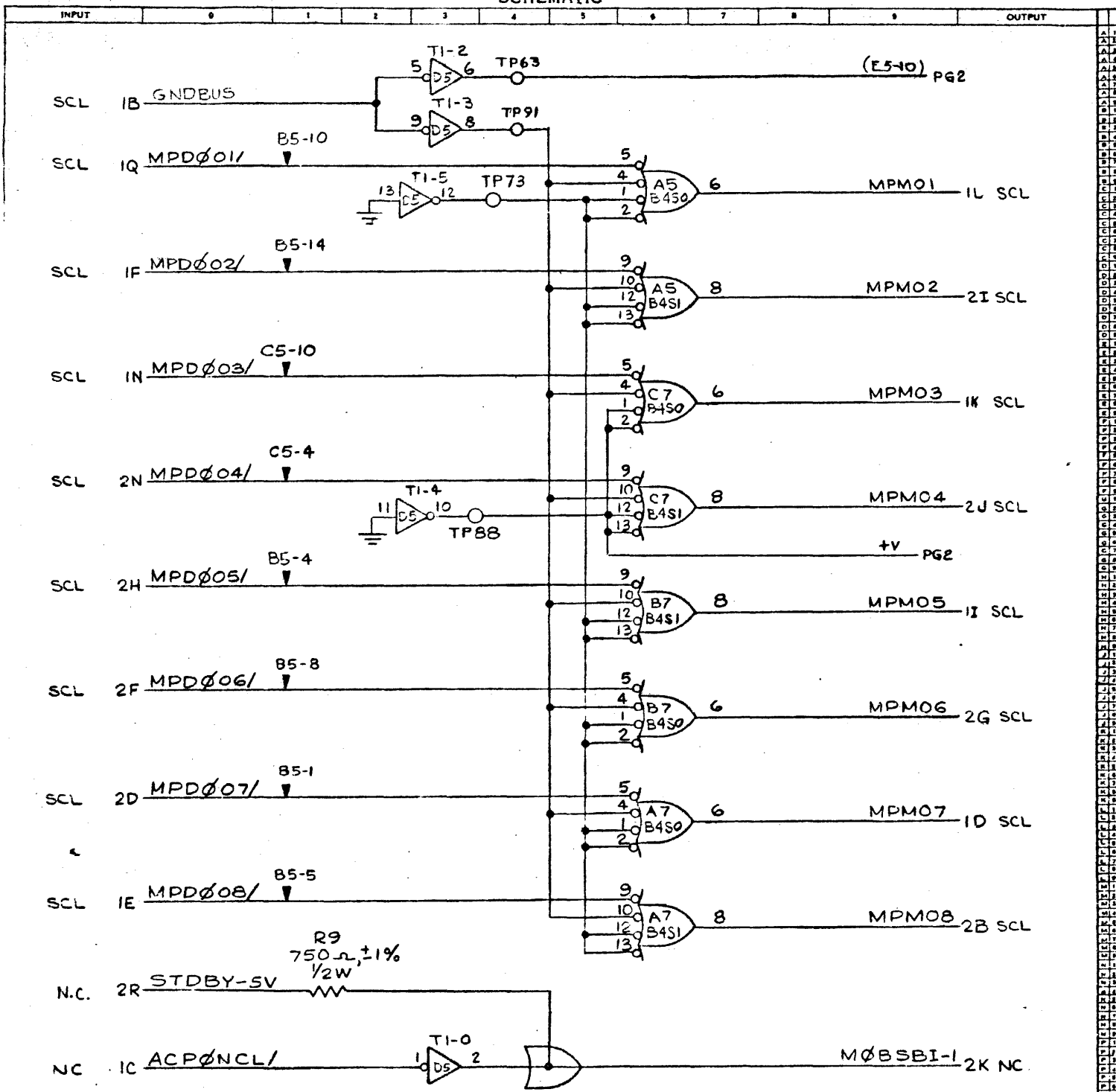
INPUT 0 1 2 3 4 5 6 7 8 9 OUTPUT



INPUT 0 1 2 3 4 5 6 7 8 9 OUTPUT

2603 4819 Burroughs Corporation DOWNINGTOWN PLANT COMPUTER SYSTEMS GROUP	REVISIONS NO. DATE BY	TITLE MILL	NUMBER 2603 4819	REL. D	
		DRAWN RTG	DATE 7-13-54	CHECKED DATE 7-27-54	APPROVED DATE
		PART 3 OF	83	PRINTED IN U.S.A.	

SCHEMATIC



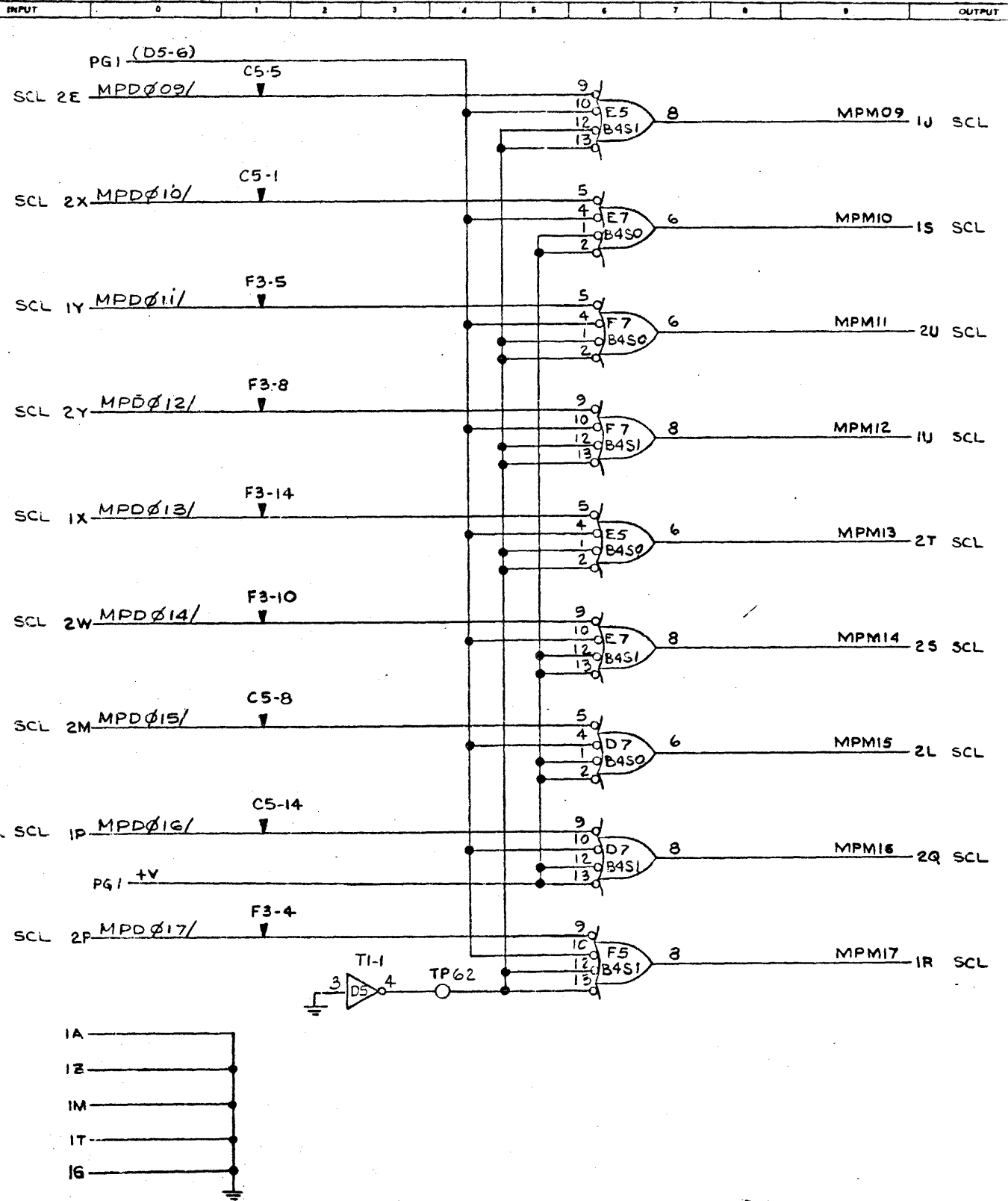
▽ INDICATES 237 Ω PULLUP RESISTOR

MOD	1447 5396	3
TI-N	1447 3532	1
3FN	2000 1529	9
CDE	PART NO.	QTY

CC-2-9520

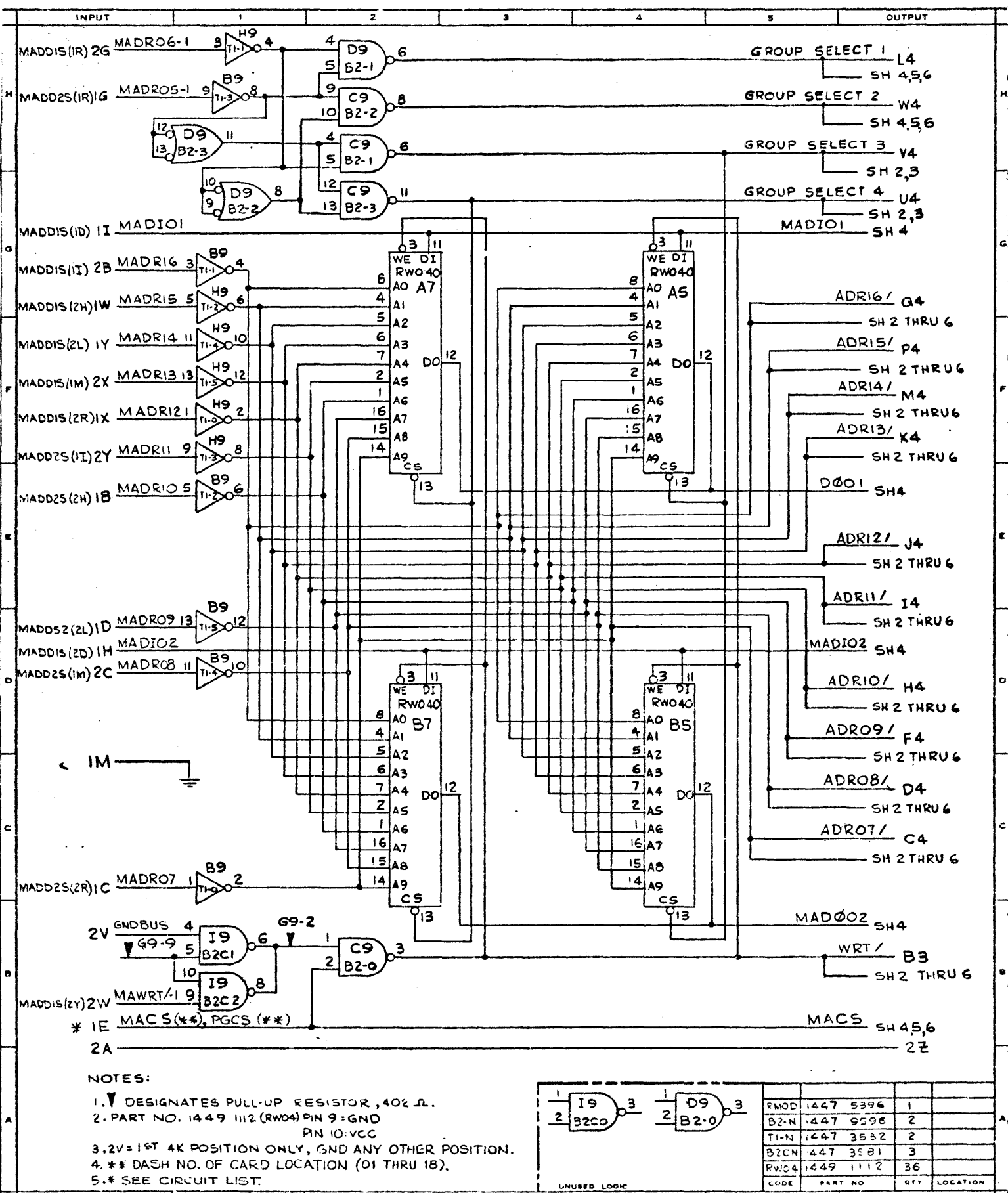
Burroughs Corporation <small>SMALL SYSTEMS PLANT DOWNTOWN, PENNSYLVANIA 15228</small>		TITLE MØBS REVISION: 1 DATE: 10/15/68 APPROVED: [Signature] DATE: 10/15/68		NUMBER: 2608 4921 PAGE 1 OF 2	
INPUT: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9		OUTPUT:		84	

SCHEMATIC

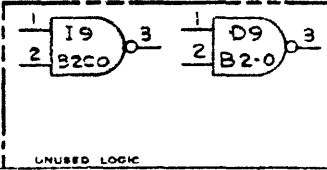


INPUT 0 1 2 3 4 5 6 7 8 9 OUTPUT

2608 4921 Burroughs Corporation SMALL SYSTEMS PLANT DOWNSBORO, PENNSYLVANIA 15236	REVISIONS: 1 REL 2 EX	TITLE MOBS DRAWN DATE J. LOERTZ CHECKED DATE G. R. HENNINGER 12-1-72	NUMBER 2608 4921 DESGN OR ENGR DATE APPROVED DATE LATE	PAGE 2 OF	85
	PROPERTY OF BURROUGHS CORP. NOT TO BE REPRODUCED NOR USED FOR MANY FACTURING PURPOSES EXCEPT ON BURROUGHS ORDERS OR PRIOR WRITTEN CONSENT				
	DATE 12-1-72				
	APPROVED DATE LATE				



- NOTES:
1. ▽ DESIGNATES PULL-UP RESISTOR, 402 Ω.
 2. PART NO. 1449 1112 (RW04) PIN 9 = GND
PIN 10 = VCC
 3. 2V = 1ST 4K POSITION ONLY, GND ANY OTHER POSITION.
 4. ** DASH NO. OF CARD LOCATION (01 THRU 18).
 5. * SEE CIRCUIT LIST.



CODE	PART NO.	QTY	LOCATION
RW04	1449 1112	36	
B2CN	1447 3532	2	
B2-N	1447 9596	2	
TI-N	1447 3532	2	
B2CN	1447 3532	3	
B2-N	1447 9596	1	

Burroughs Corporation

COMPUTER SYSTEMS GROUP DOWNTOWN PLANT
DOWNTOWN PA. 19333 U.S. AMERICA

REV: C C C C C C C C

SHEET NO. 34156

DATE: 11/15/76

BY: [Signature]

APP. [Signature]

CLASS CODE: 2-9520

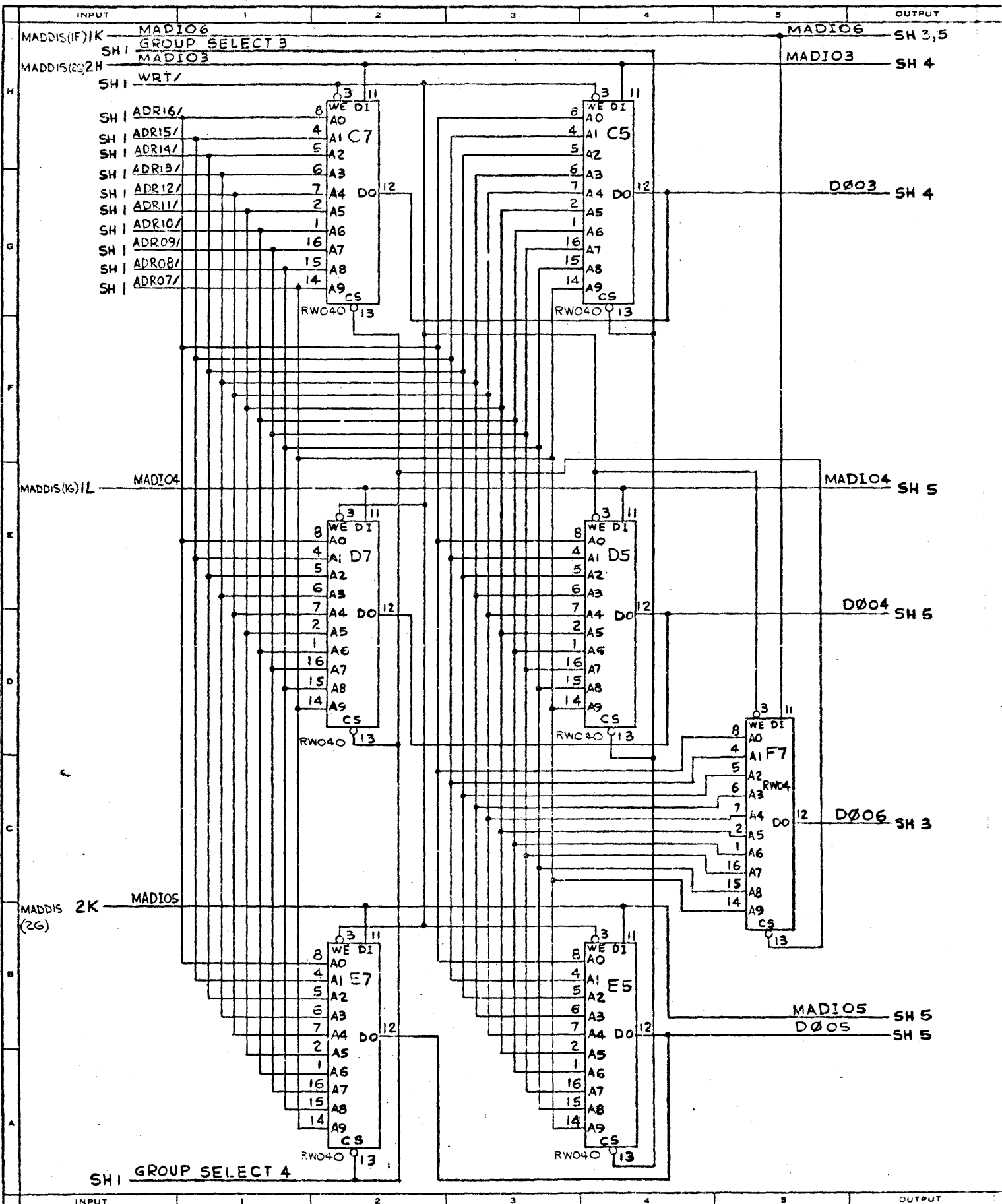
TITLE: MPA

SHEET NO. 038

PLT NO. 2609 5240

REV: C

2102



Burroughs Corporation

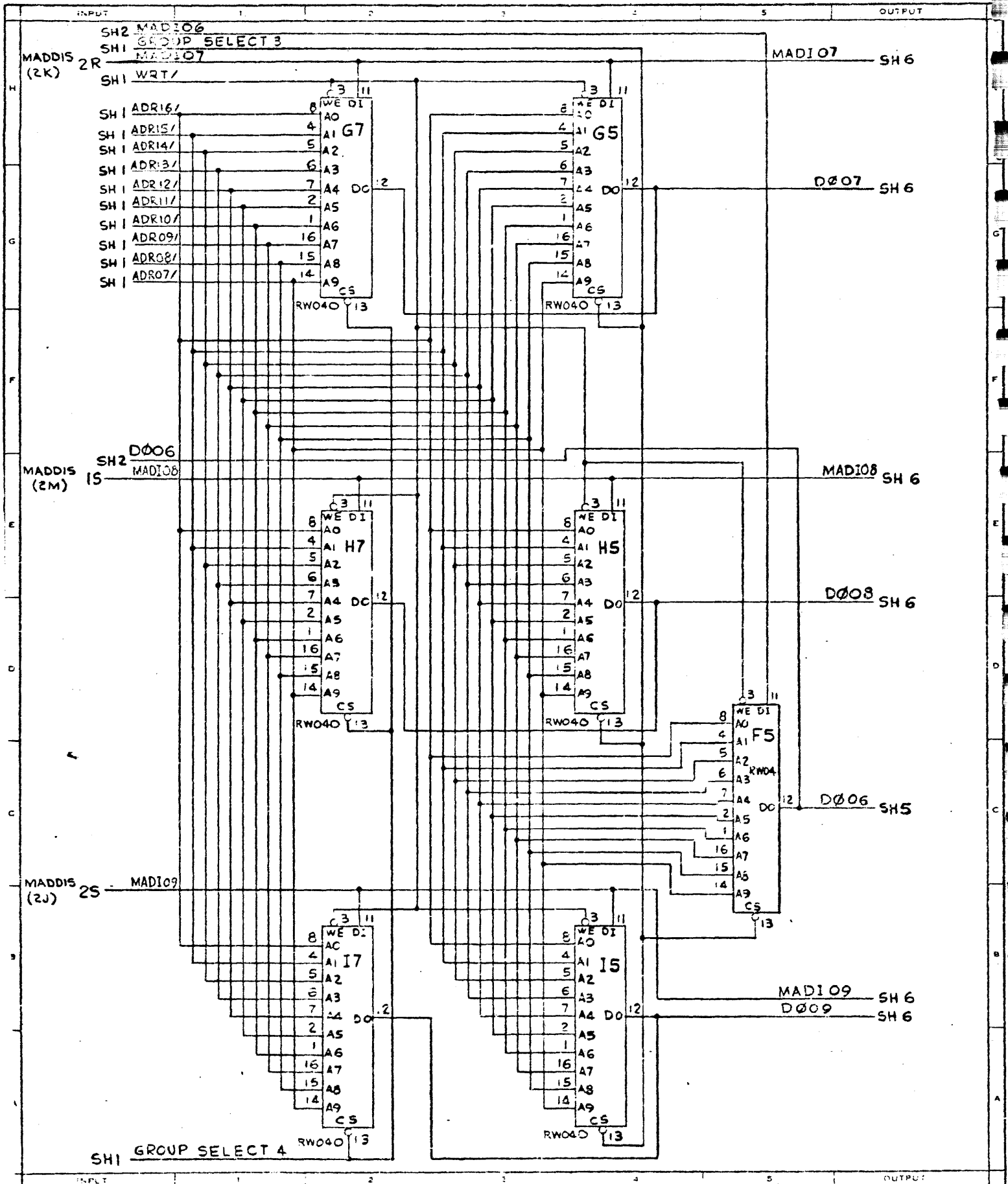
SMALL SYSTEMS GROUP DOWNINGTOWN PA 19338 DOWNTOWN PLANT U.S. AMERICA

TITLE	MPA	CLASS CODE	2-9520
SHEET	2	DWG. NO.	2609 5240
		PL. NO.	038
		REV.	0

87

REVISIONS (CONT.)

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Burroughs Corporation



Small text at the bottom left, likely a reference or part number.

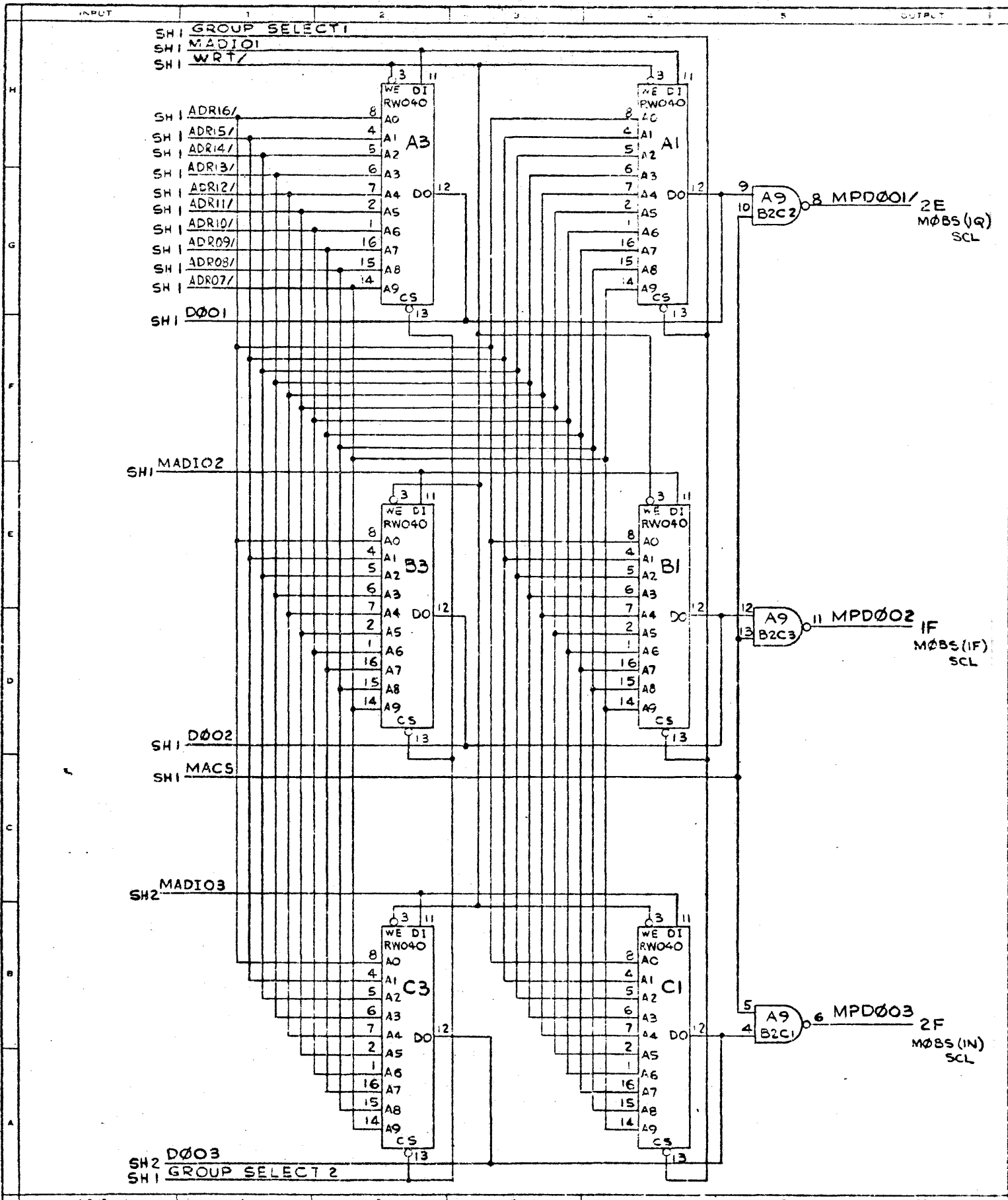
Small text at the bottom left, likely a reference or part number.

MPA

CLASS. ENCL. 2-9520

HR

3 2609 5210 0381 C



Burroughs Corporation



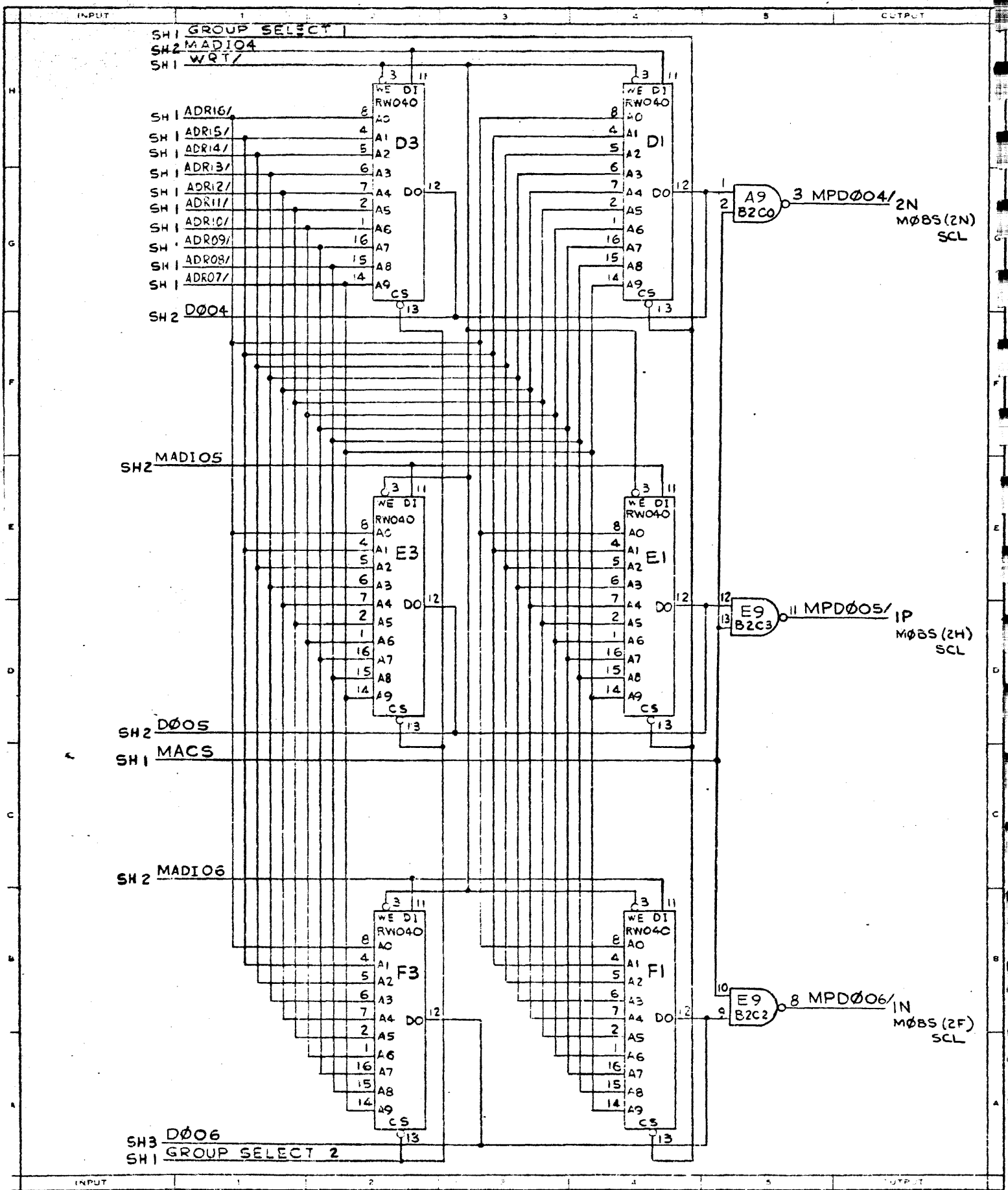
SMALL SYSTEMS GROUP DOWNHILL PLANT
 DOWNHILL PLANT U.S. AIR FORCE

REVISIONS (ICG:NT)

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MPA 2-9520

89 4 2609 5240 038



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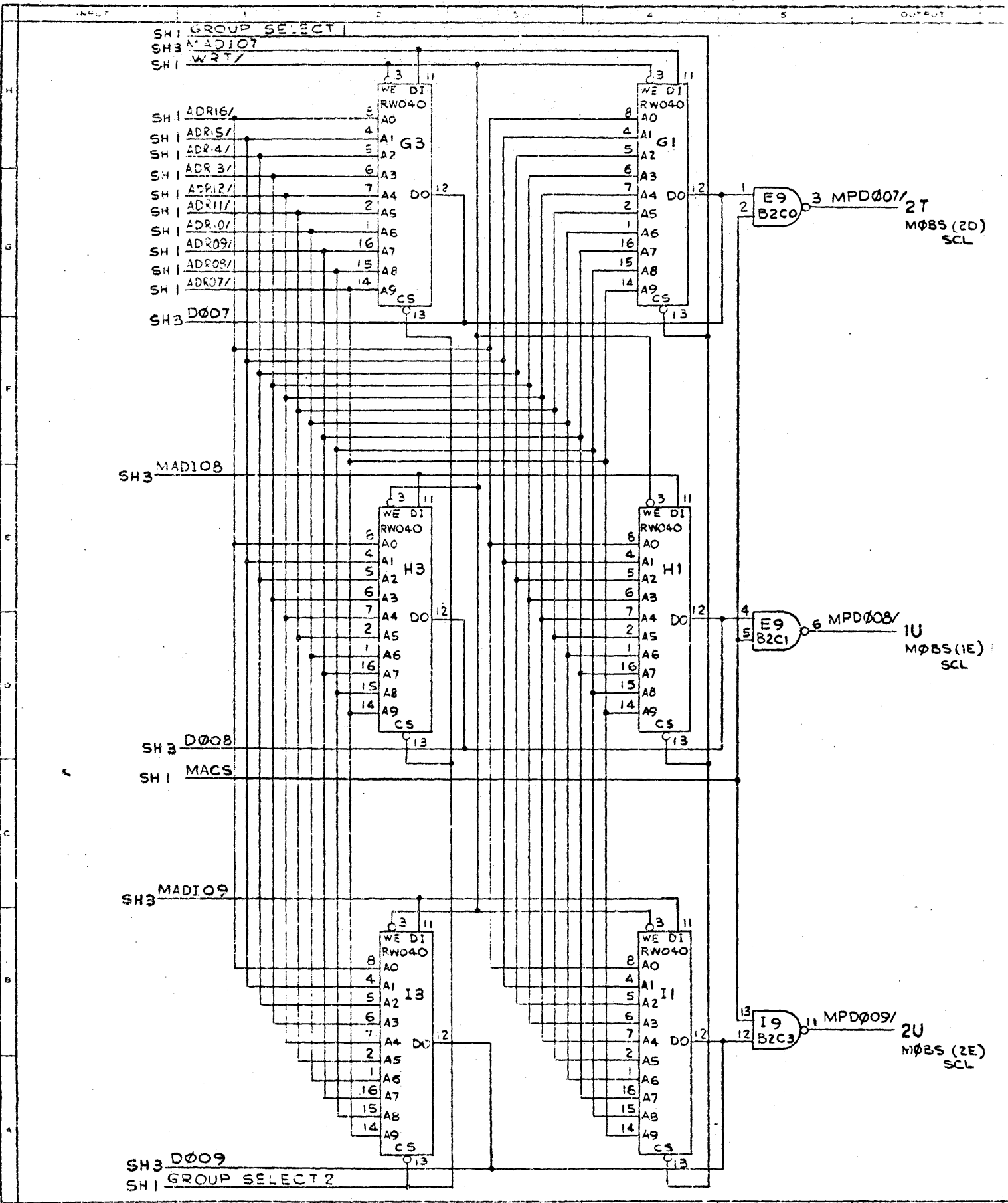
SMALL SYSTEMS GROUP
 1200 UNIVERSITY DRIVE
 BOSTON, MASSACHUSETTS 02118

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MPA

CLASS. DATE
 2-9520

2609 5240 008 C



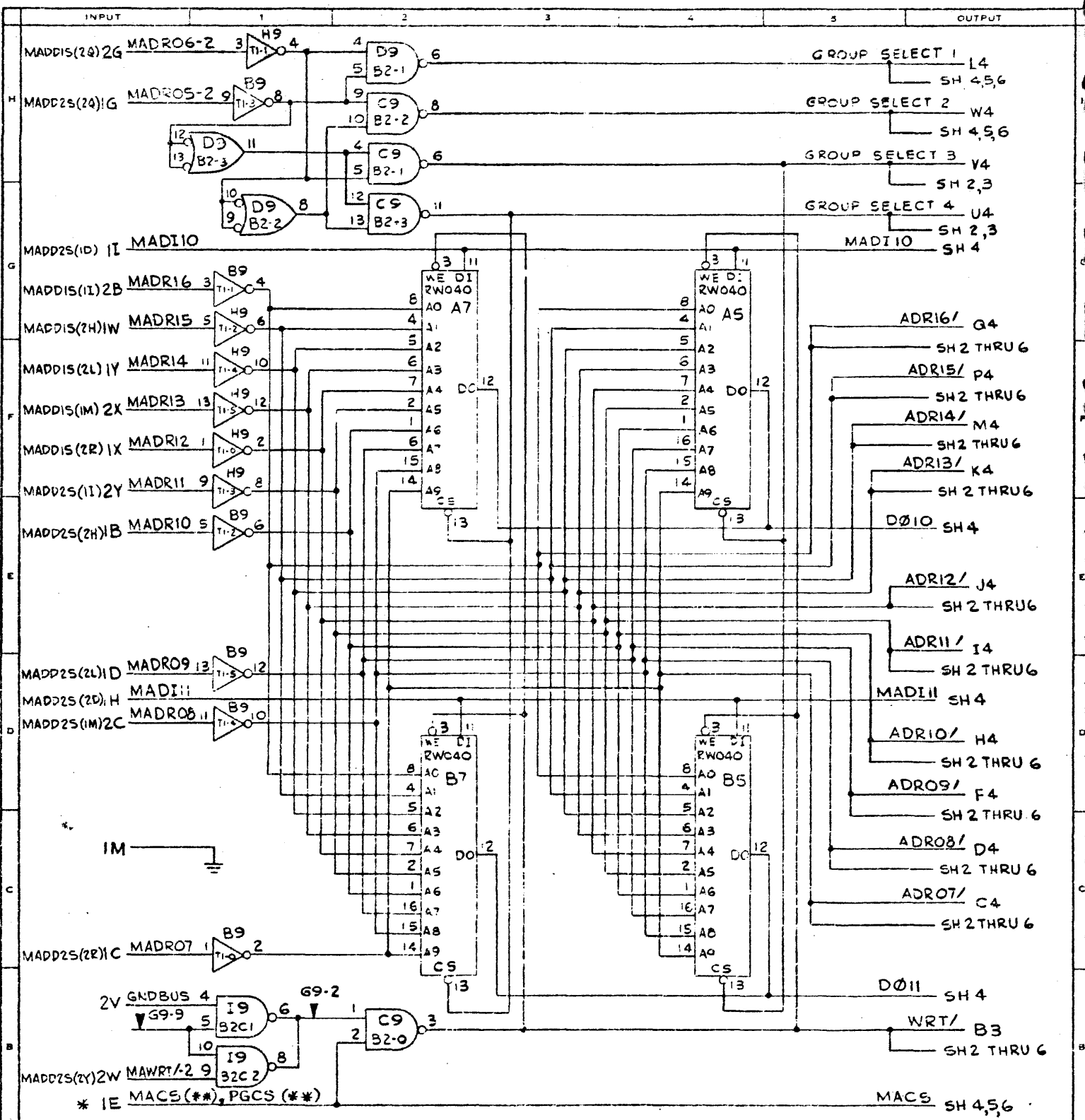
Burroughs Corporation



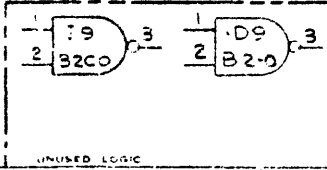
MPA

2-9520

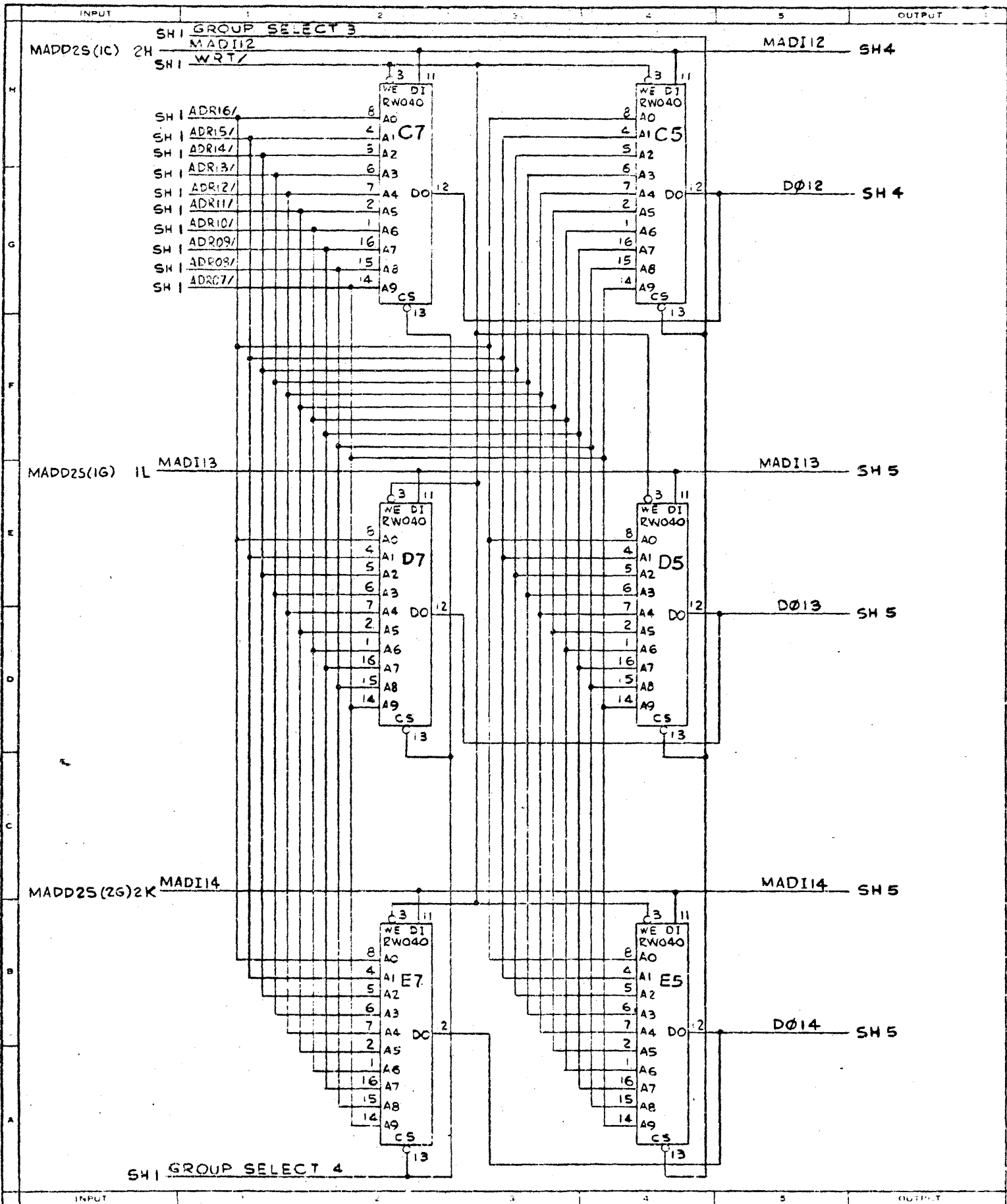
6 2609 5240 038



- NOTES:
1. ▽ DESIGNATES PULL UP RESISTOR, 402 Ω.
 2. PART NO. 1449 1112 (RW04) PIN 9 = GND
PIN10 = VCC
 3. 2V = 1ST 4K POSITION ONLY.
GRD ANY OTHER POSITION.
 4. ** = DASH NO. OF CARD LOCATION (01 THRU 18).
 5. * SEE CIRCUIT LIST.



Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20	
1447	5396	1																		
447	6595	2																		
1447	3532	2																		
247	353	3																		
1449	1112	32																		
Q21	Q22	Q23	Q24	Q25	Q26	Q27	Q28	Q29	Q30	Q31	Q32	Q33	Q34	Q35	Q36	Q37	Q38	Q39	Q40	



Burroughs Corporation

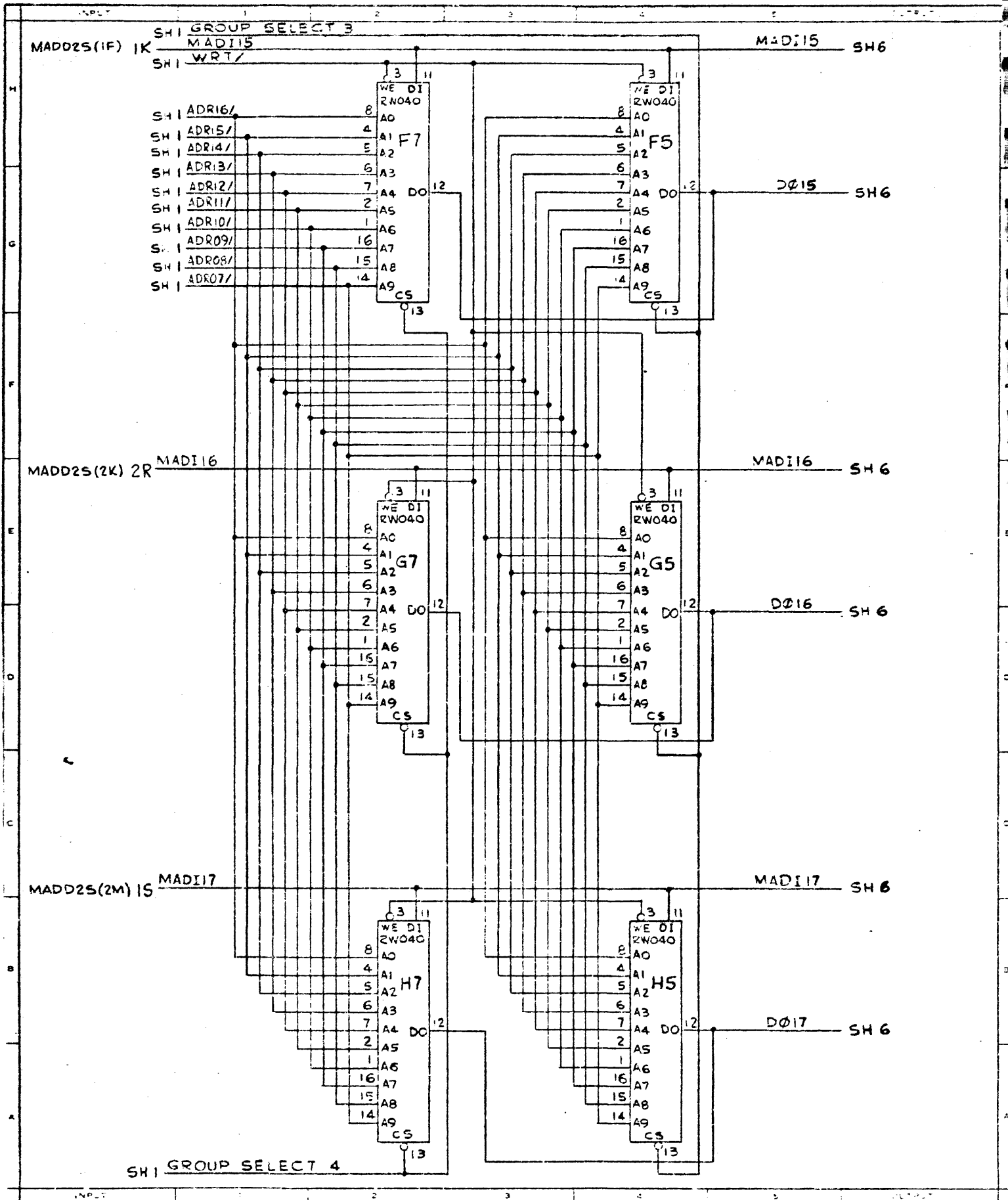
SMALL SYSTEMS GROUP

DESIGN CENTER

TITLE	MPB	CLASSIFICATION	2-9520
SHEET	2	DRAWING NO.	2609 5257
DATE		REV. NO.	038

93

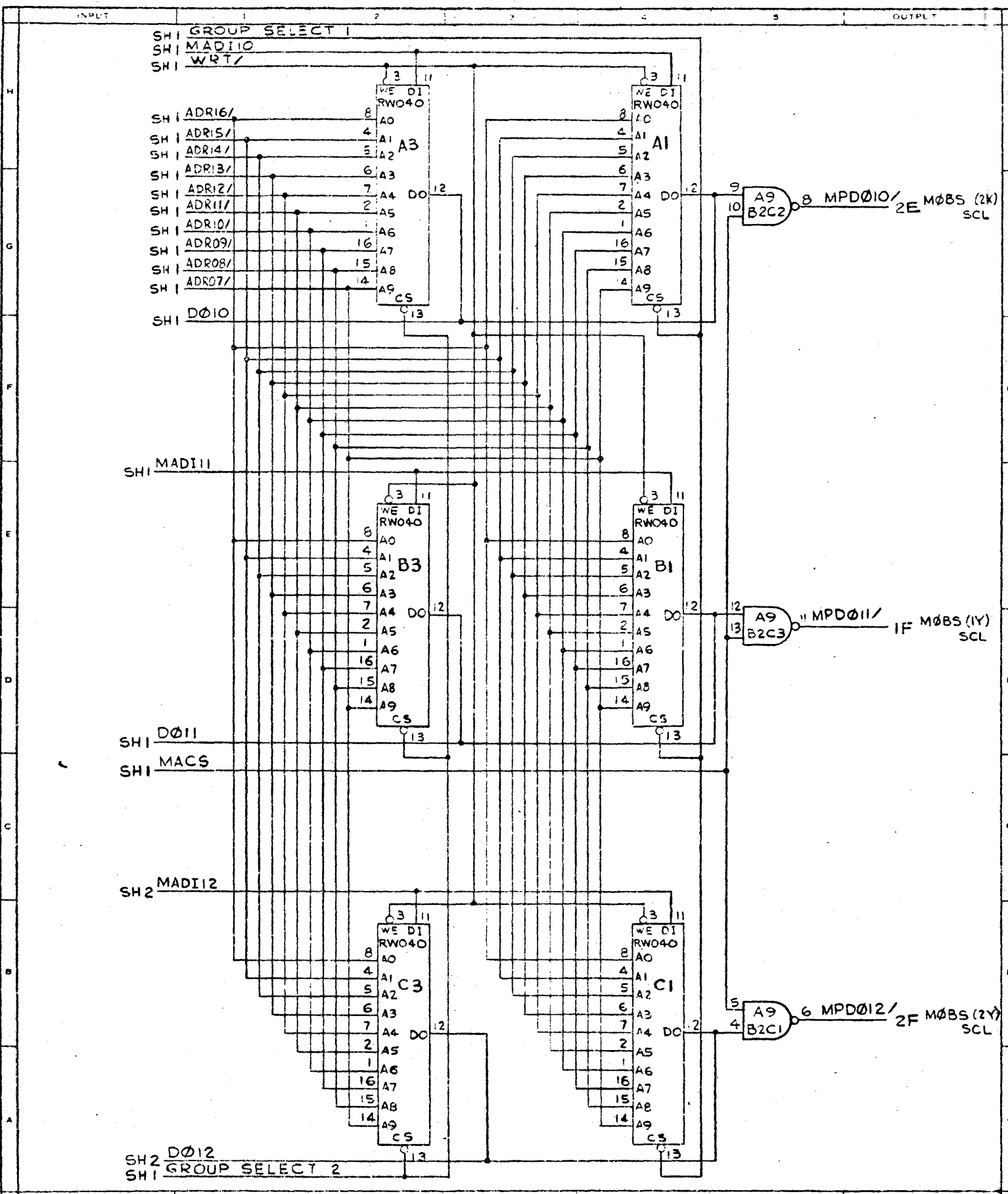
C



Burroughs Corporation

MPB 2-5520

94 3 2609 5257 0381 C

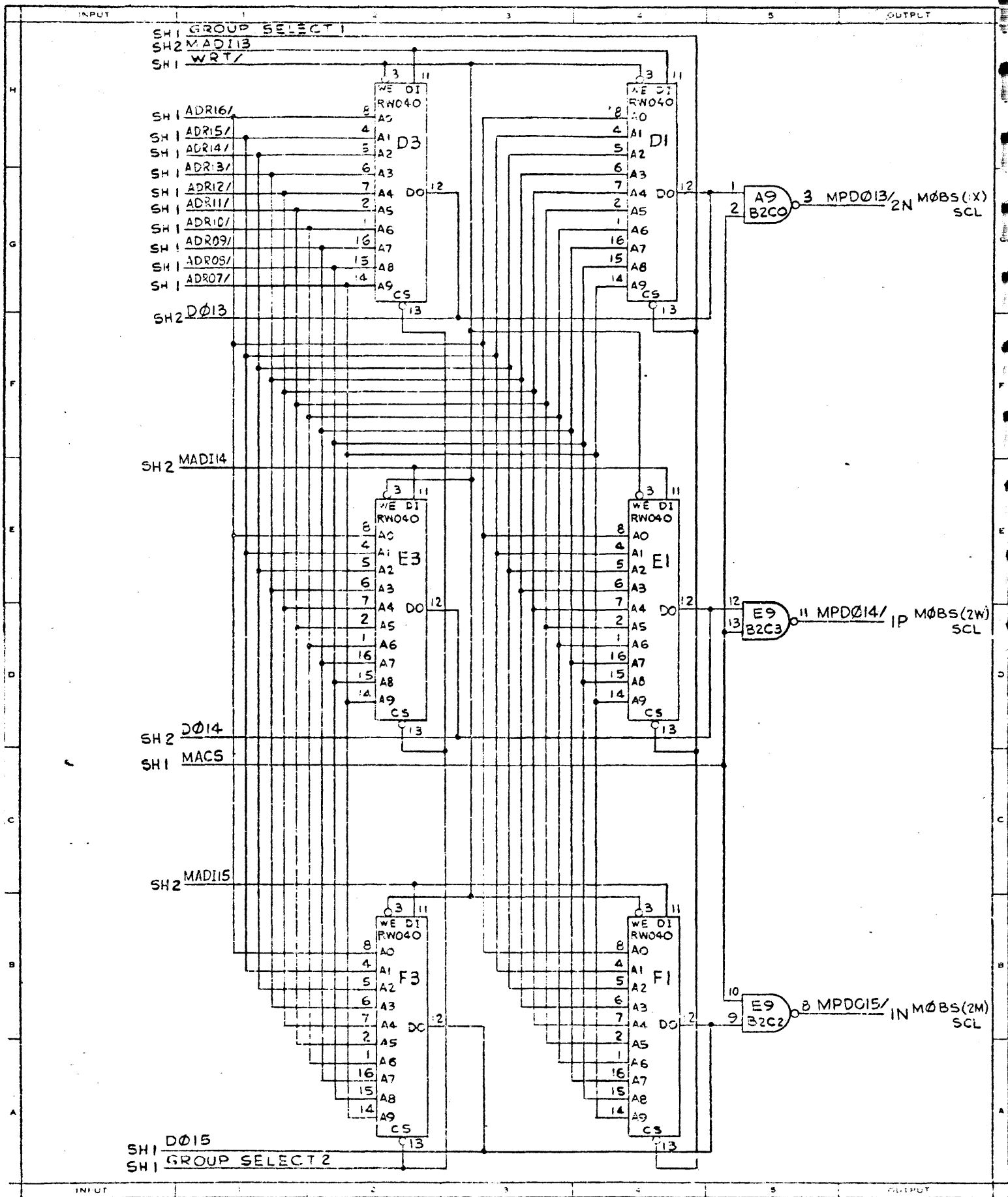


Burroughs Corporation

SMALL SYSTEMS GROUP LEWISTOWN PLANT
LEWISTOWN, PA. 15035 U.S.A. 19101

MPB	2-9520
4	2609 5257 038

95

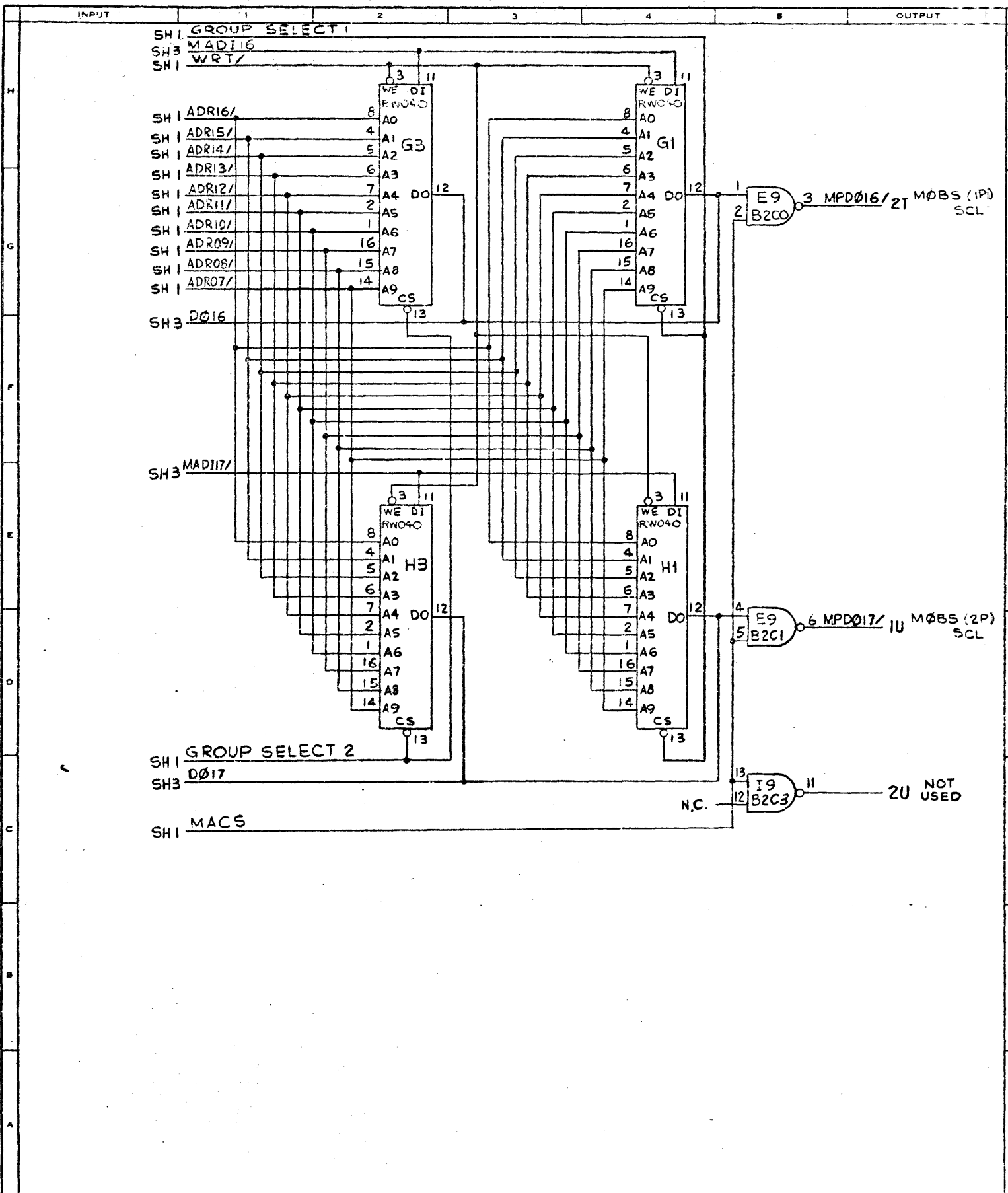


Burroughs Corporation

MPB

2-9320

96 5 2609 3257 038 C



Burroughs Corporation

SMALL SYSTEMS GROUP DOWNINGTOWN PLANT
DOWNINGTOWN PA 19331 U.S.A. AMERICA

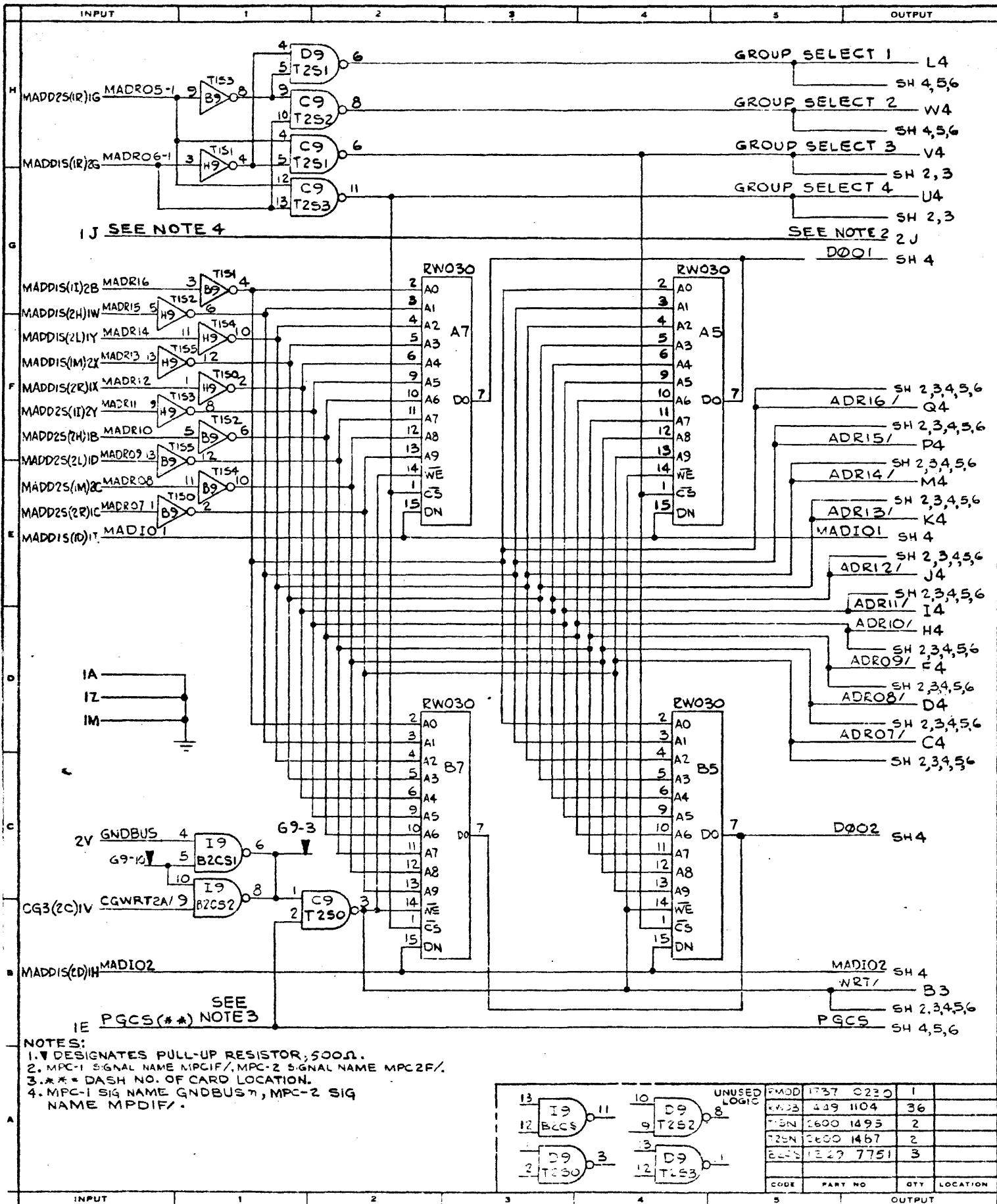
REVISIONS (CONT)

TITLE	MPB	CLASS CODE	2-9520
SHEET	6	PLT NO.	2609 5257 038

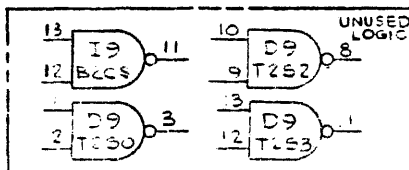
97

REF: INC 44 131 2587-2

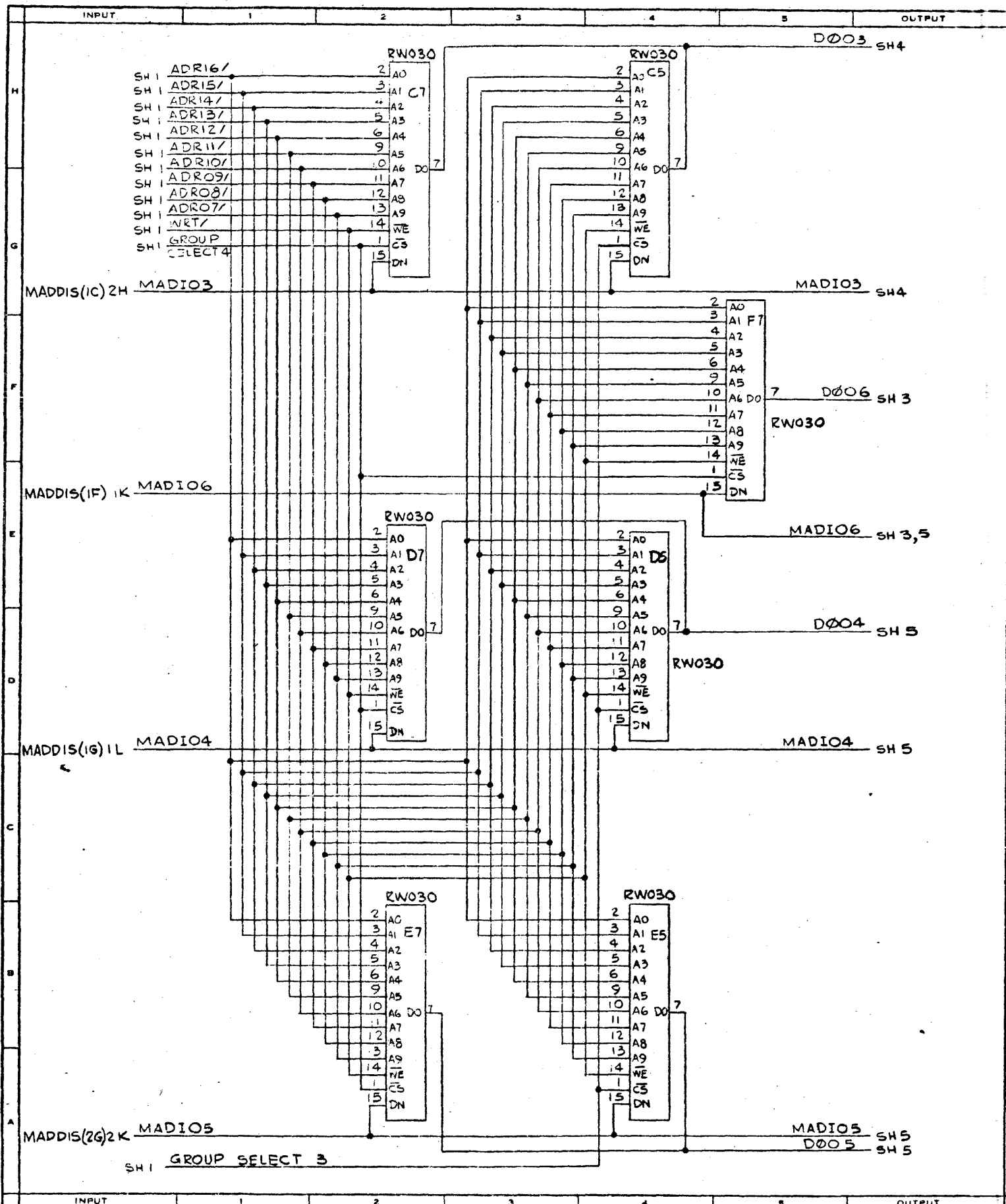
PROPRIETARY TO BURROUGHS CORP - NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES WITHOUT WRITTEN CONSENT OF BURROUGHS CORP



NOTES:
 1. ▽ DESIGNATES PULL-UP RESISTOR, 500Ω.
 2. MPC-1 SIGNAL NAME MPC1F/, MPC-2 SIGNAL NAME MPC2F/.
 3. ** = DASH NO. OF CARD LOCATION.
 4. MPC-1 SIG NAME GNDBUS, MPC-2 SIG NAME MPDI/.



REV	DATE	BY	CHKD	QTY	LOCATION
1	12/27	7751	3		
2	1495	2			
3	1467	2			
4	1104	36			
5	1104	36			



DRAWING 44131 23507

Burroughs Corporation

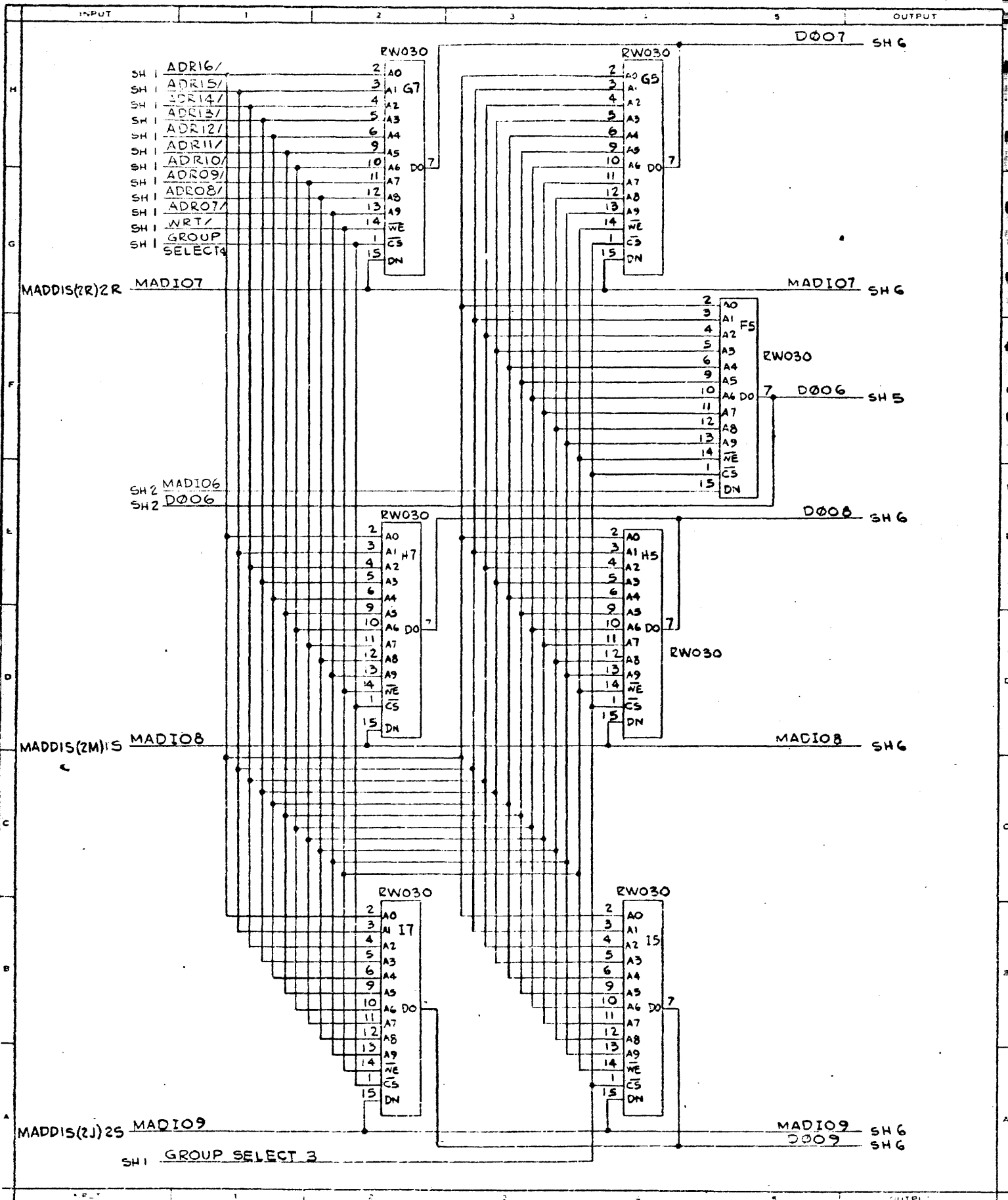
COMPUTER SYSTEMS GROUP DOWNINGTOWN PLANT
 DOWNINGTOWN, PA. 19333 U.S. AMERICA

REVISIONS

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 FACSIMILE, PHOTOCOPY, OR OTHER MEANS WITHOUT THE WRITTEN CONSENT

TITLE		CLASS. CD BY	
MPC-1 E 2		2-9520	
SHEET	DWG. NO.	PLT. NO.	REV.
2	2607 9475	038	B

99



Burroughs Corporation

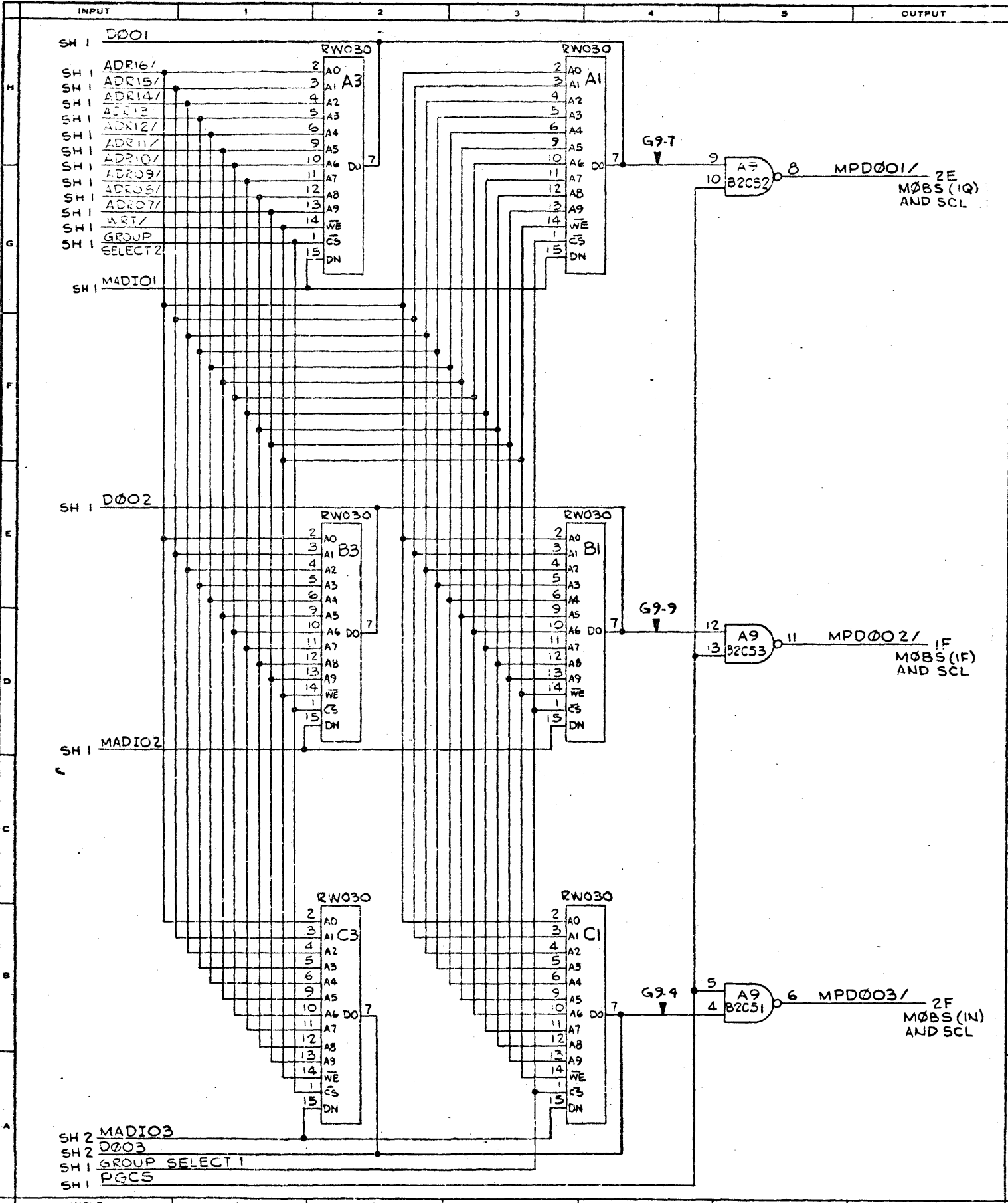
MPC-142

CLASS CODE
2-9520

100

3 12607 9475

038 B



Burroughs Corporation

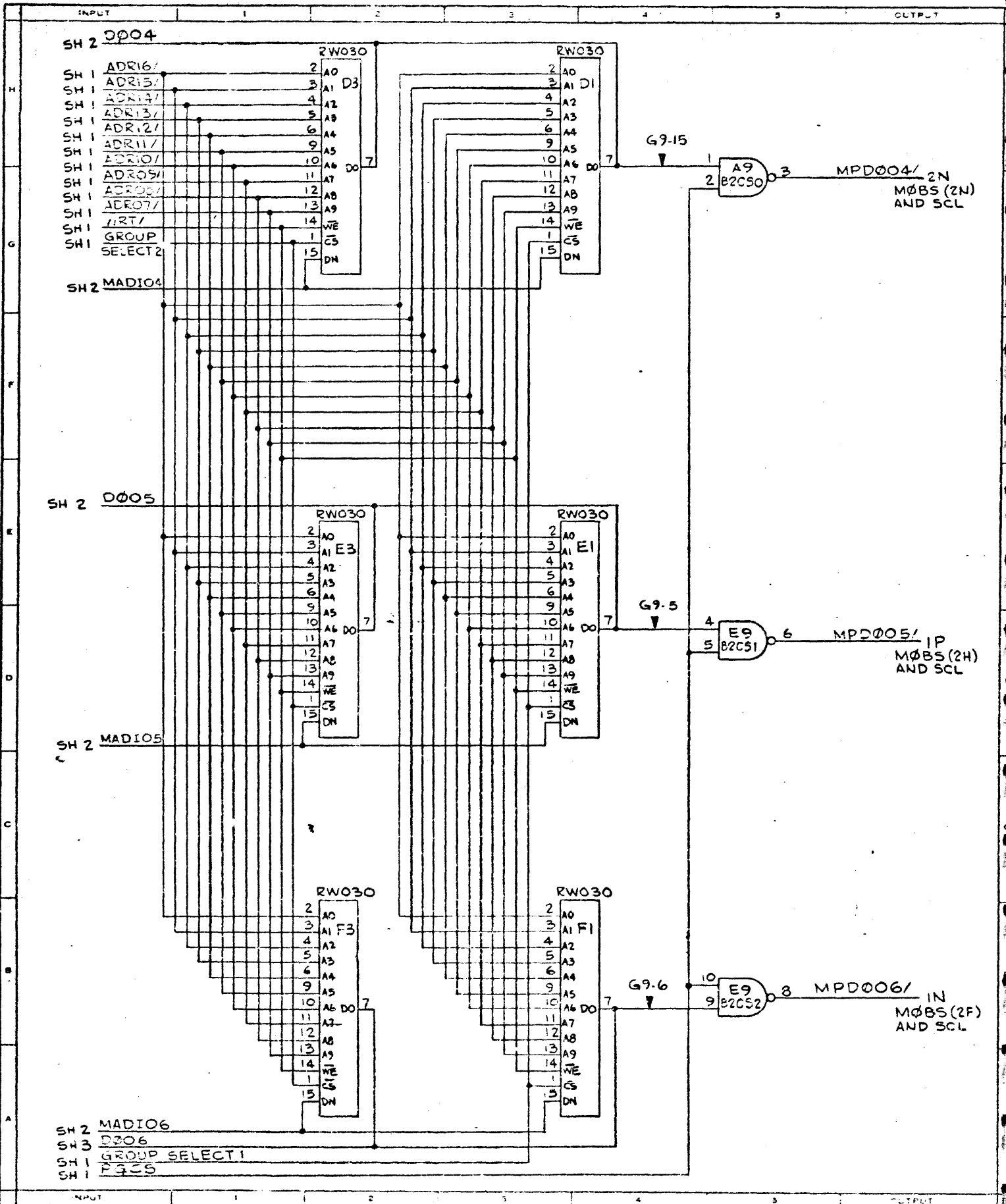
COMPUTER SYSTEMS GROUP DOWNINGTOWN PLANT
DOWNINGTOWN PA 19335 U.S. AMERICA

REVISIONS

TITLE		CLASS CODE	
MPC-1 & 2		2-9520	
SHEET	DWG NO	PLT NO	REV
101	4	2607 9475	038 B

DRAWING 44 131 25607

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REV. 24 131 25107

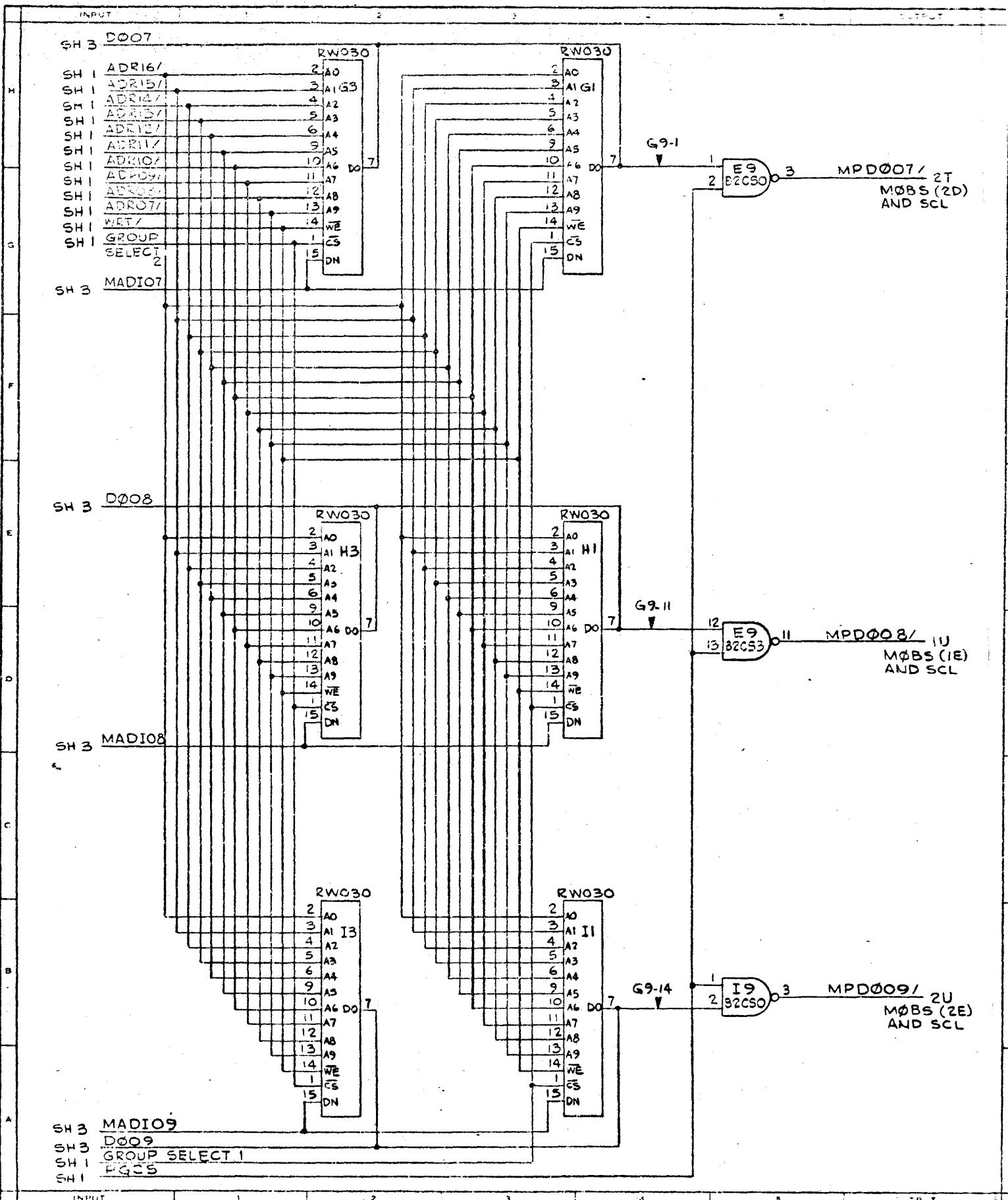
Burroughs Corporation

COMPUTER SYSTEMS GROUP DOWNINGTOWN PLANT
 DOWNINGTOWN PA 19333 P.O. BOX 500
 PHILADELPHIA PA 19101

REV. 24 131 25107

MPC-1 & 2 CLASS 7007 2-9520

102 5 2607 9475 038 B

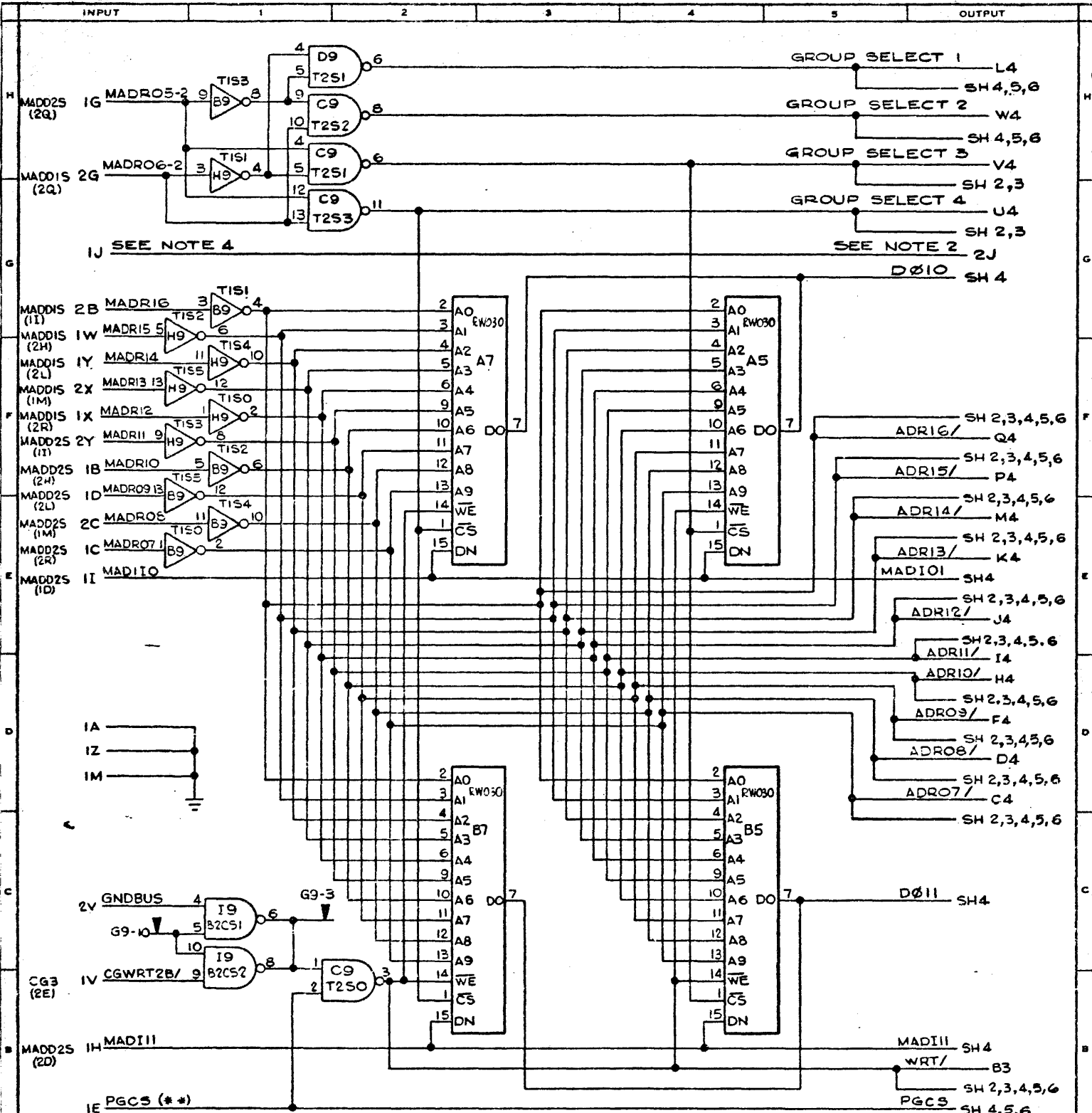


Burroughs Corporation

COMP. 18 SYSTEMS DEPT.
 DOWNTOWN PLANT
 PHILADELPHIA, PA. 19103

MPC-1E2 2-9520

103 6 2607 9475 038 B



1J SEE NOTE 4

SEE NOTE 2

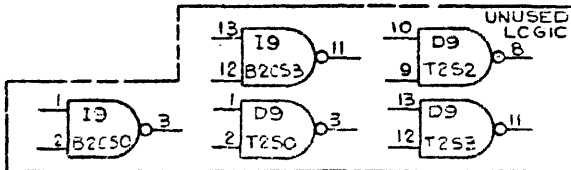
2V GNDBUS

CG3

MADR11

PGCS (**)

- NOTES**
1. ▽ DESIGNATES PULL-UP RESISTOR 500Ω
 2. MPD-1 SIG NAME MPD1F/ MPD-2 SIG NAME MPD2F/
 3. ** = DASH NO. OF CARD LOCATION.
 4. MPD-1 SIG NAME MPC1F/ MPD-2 SIG NAME MPC2F/



CODE	PART NO	QTY	LOCATION
UNMOD	1737 0220	1	
B2CS	149 1104	32	
T2S	2600 1485	2	
T2S	2600 1487	2	
B2CS	1369 7751	3	

Burroughs Corporation

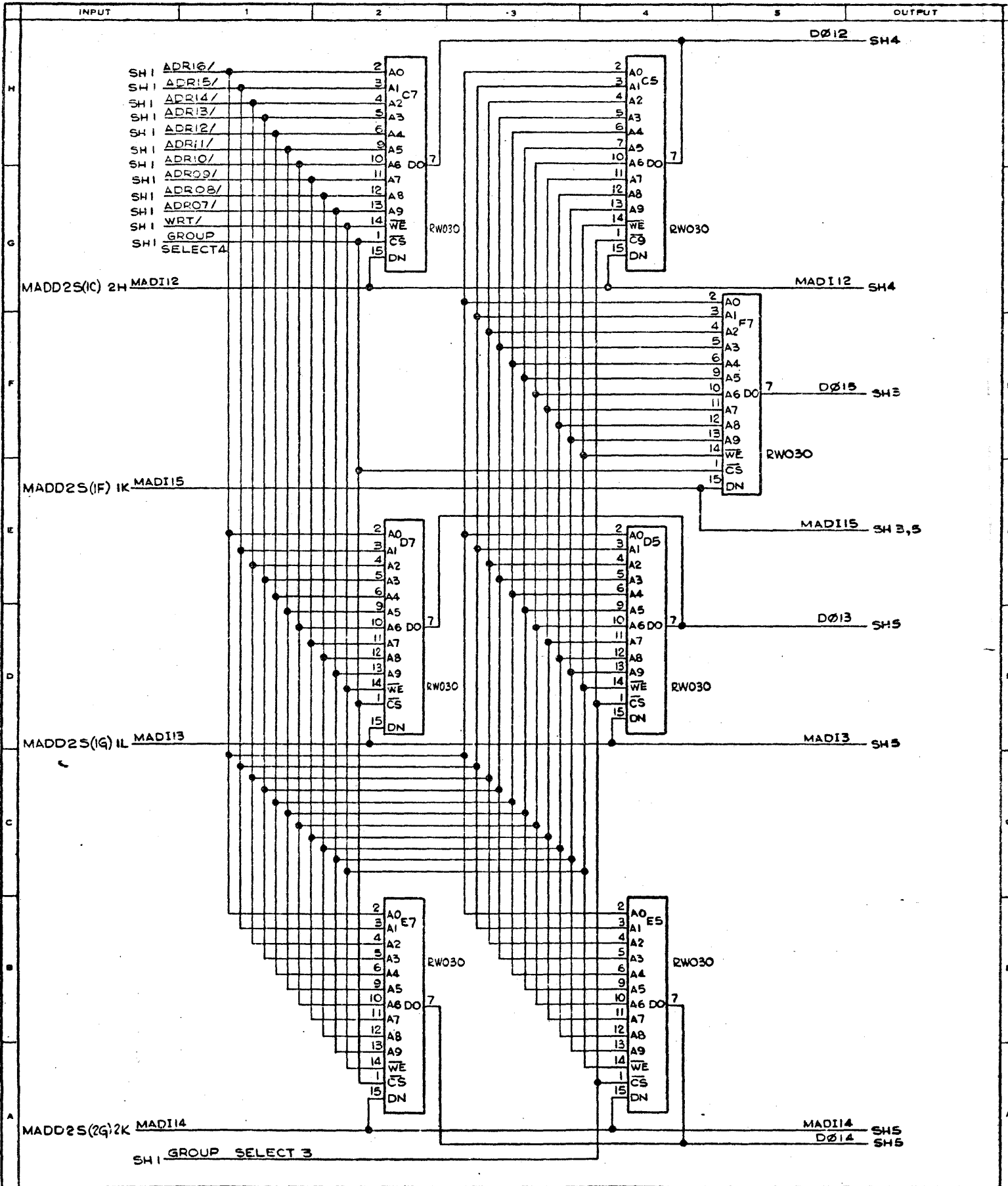
COMPUTER SYSTEMS GROUP DOWNTOWN PLANT
DOWNTOWN PA. 19339 U.S. AMERICA

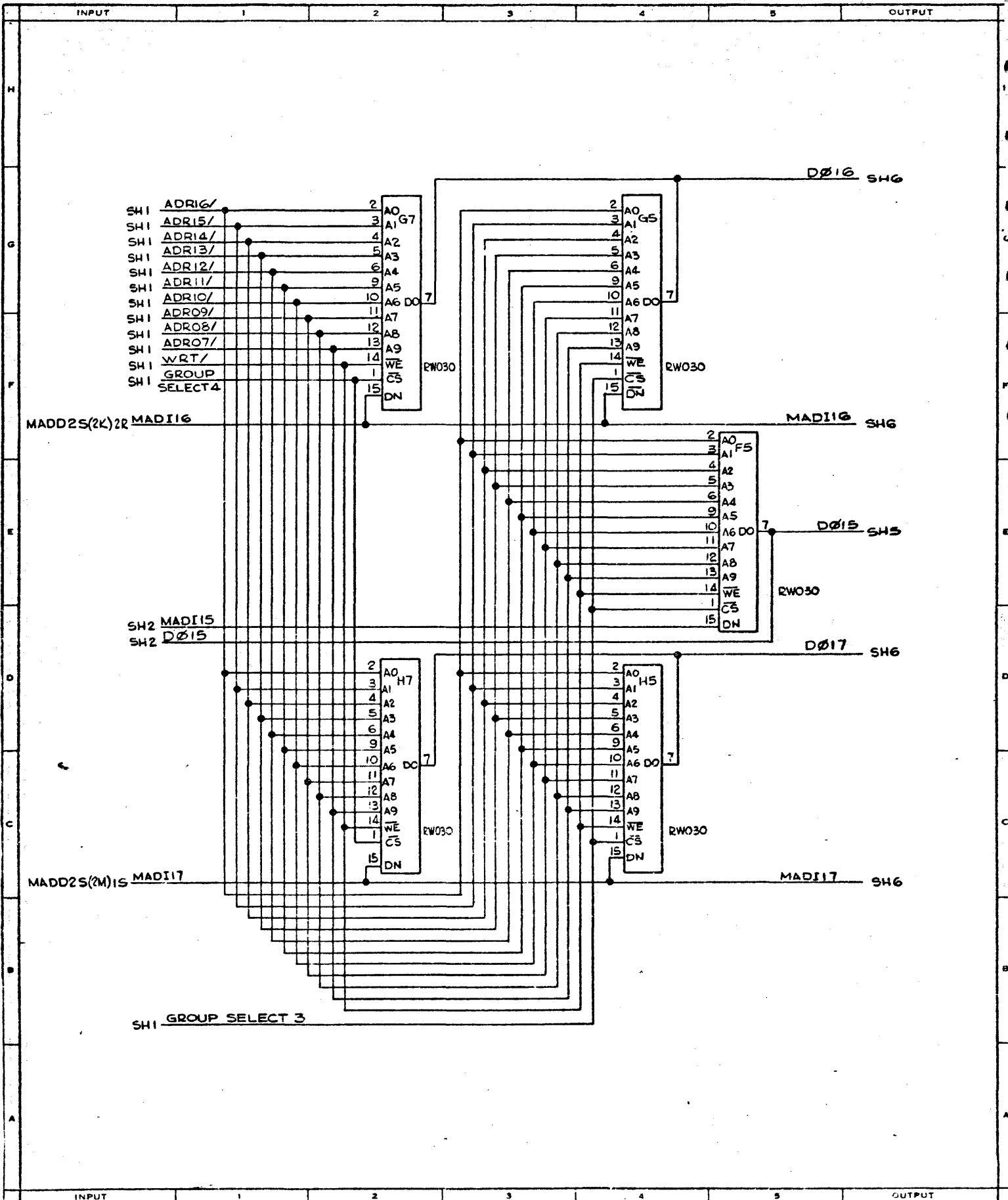
REV	B	B	B	B	B	B
SH	1	2	3	4	5	6

REV	B	DATE	10/27/64	CLASS CODE	2-9520
ECN	1576	DATE		PLT NO.	REV
				038	B

MPD-1 & 2

100 2607 9525





Burroughs Corporation

COMPUTER SYSTEMS GROUP
DOWNTOWN PA. 19333

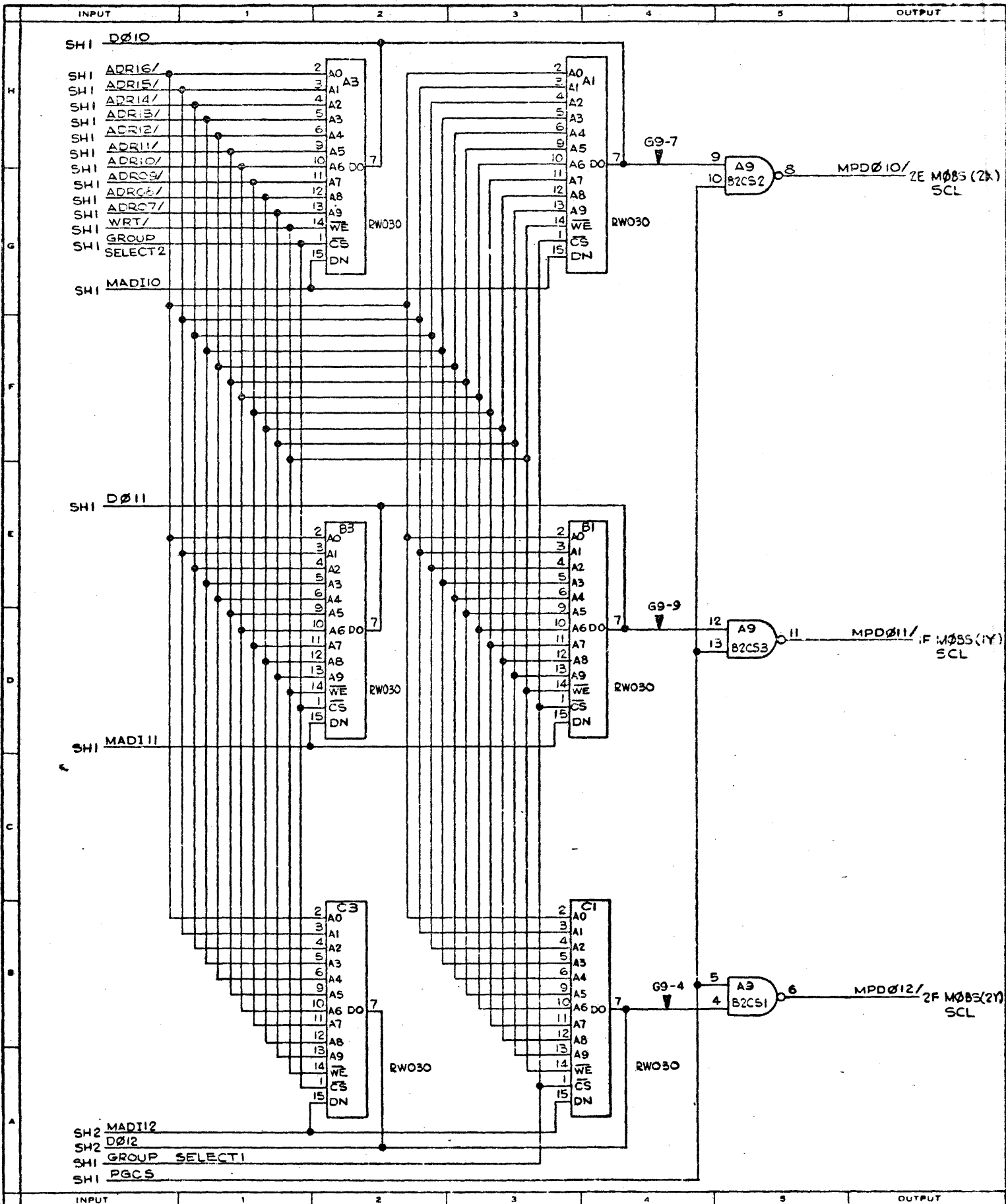
DOWNTOWN PLANT
U.S. AMERICA

REVISIONS

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TITLE		CLASS CODE	
MPD 1 & 2		2-9520	
SHEET NO.	DWG. NO.	PLT. NO.	REV.
5	2607 9525	039	B

106



Burroughs Corporation

COMPUTER SYSTEMS GROUP DOWNTOWN PLANT
DOWNTOWN, PA. 19238 U.S. AMERICA

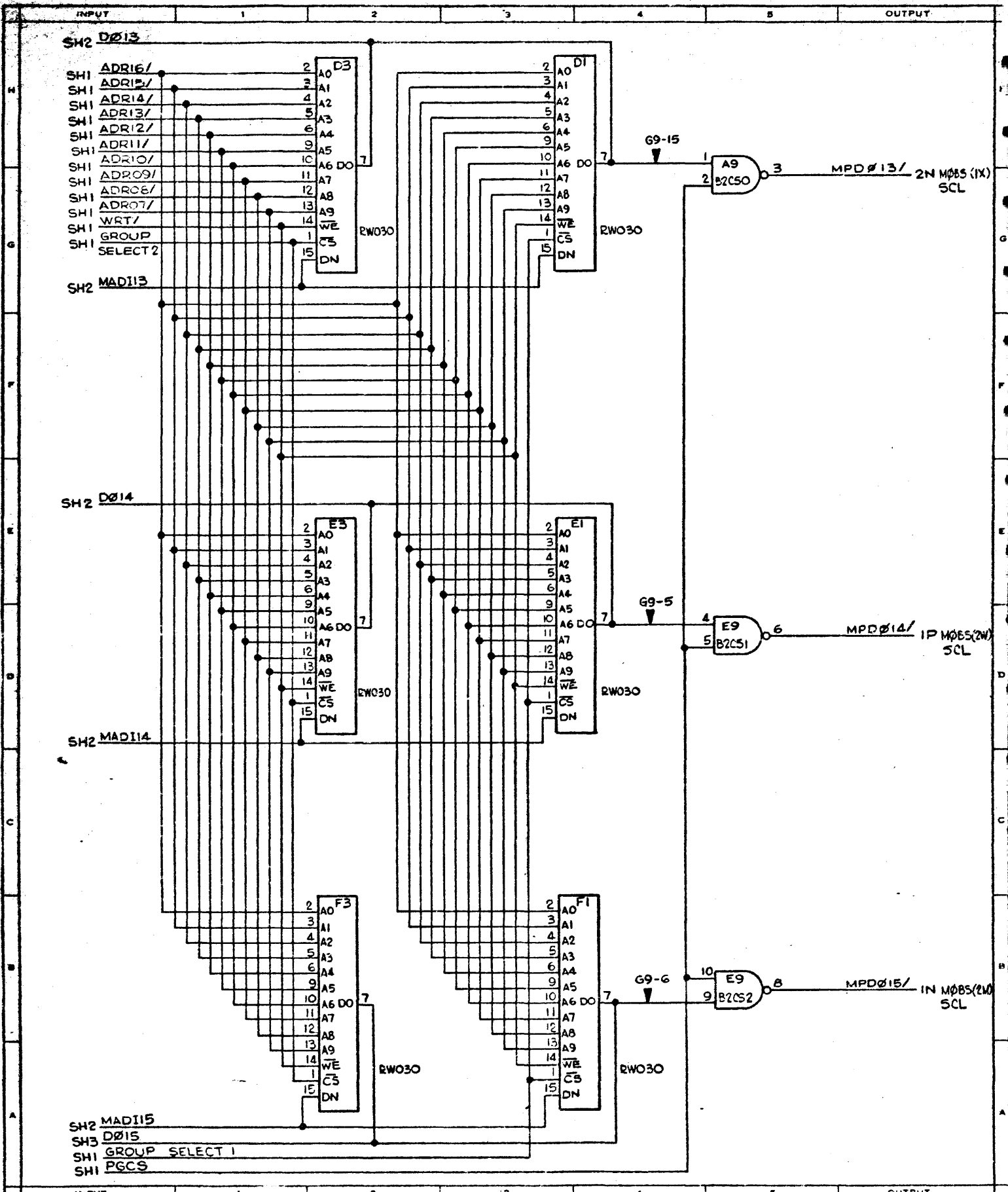
REVISIONS

TITLE		CLASS CODE	
MPD-1 & 2		2-9520	
SHEET	DWG. NO.	PLT. NO.	REL.
4	2607 9525	038	B

107

DRAWING 44 131 25907

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Burroughs Corporation

COMPUTER SYSTEMS GROUP
DOWNTOWN PA 19388

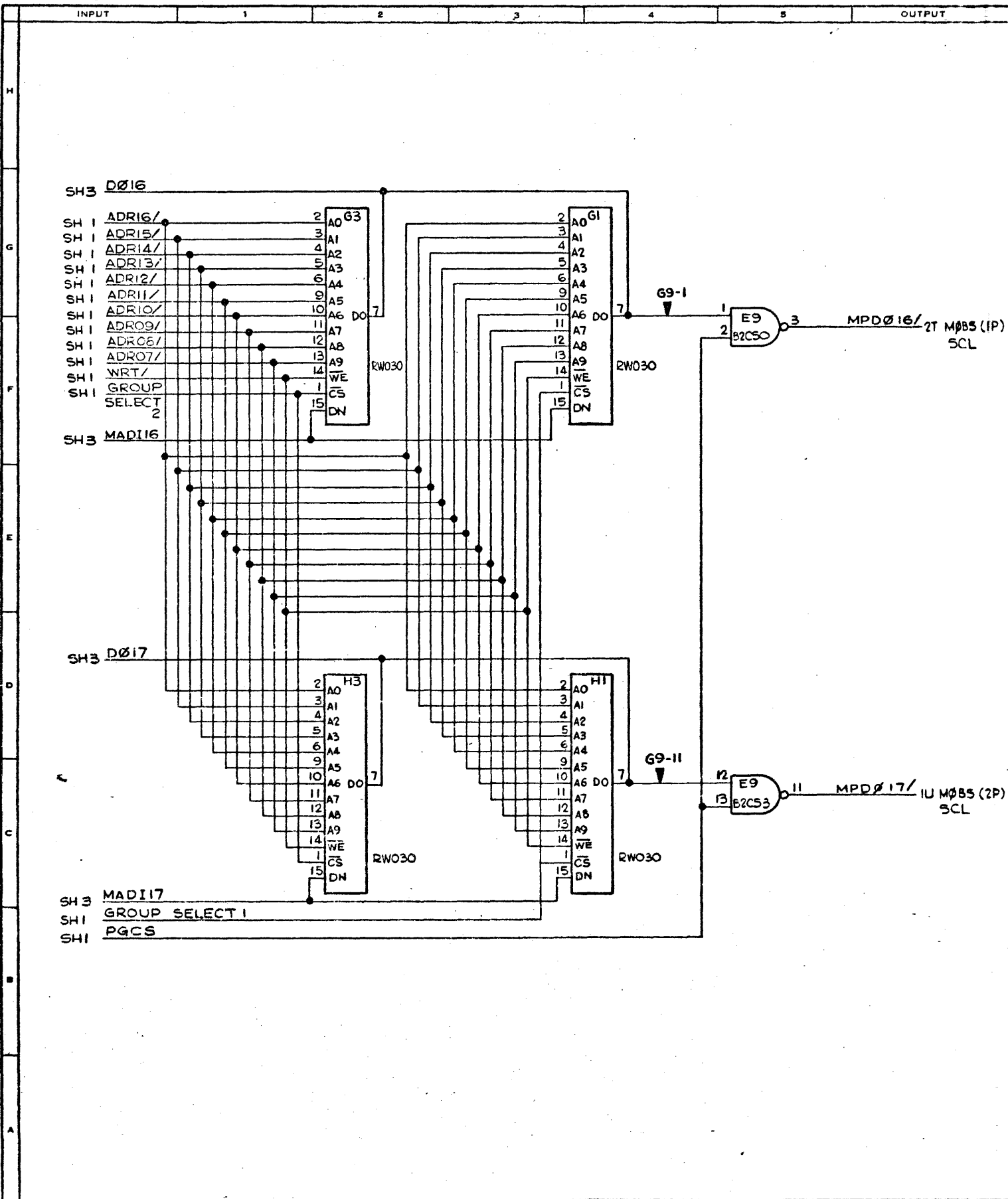
DOWNTOWN PLANT
U.S. AMERICA

REVISIONS

TITLE		CLASS CODE	
MPD-142		2-9520	
SHEET	DWG. NO.	PLT. NO.	REV.
3	2607 9525	038	B

108

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Burroughs Corporation

COMPUTER SYSTEMS GROUP DOWNINGTOWN PLANT
DOWNINGTOWN PA 19338 U.S. AMERICA

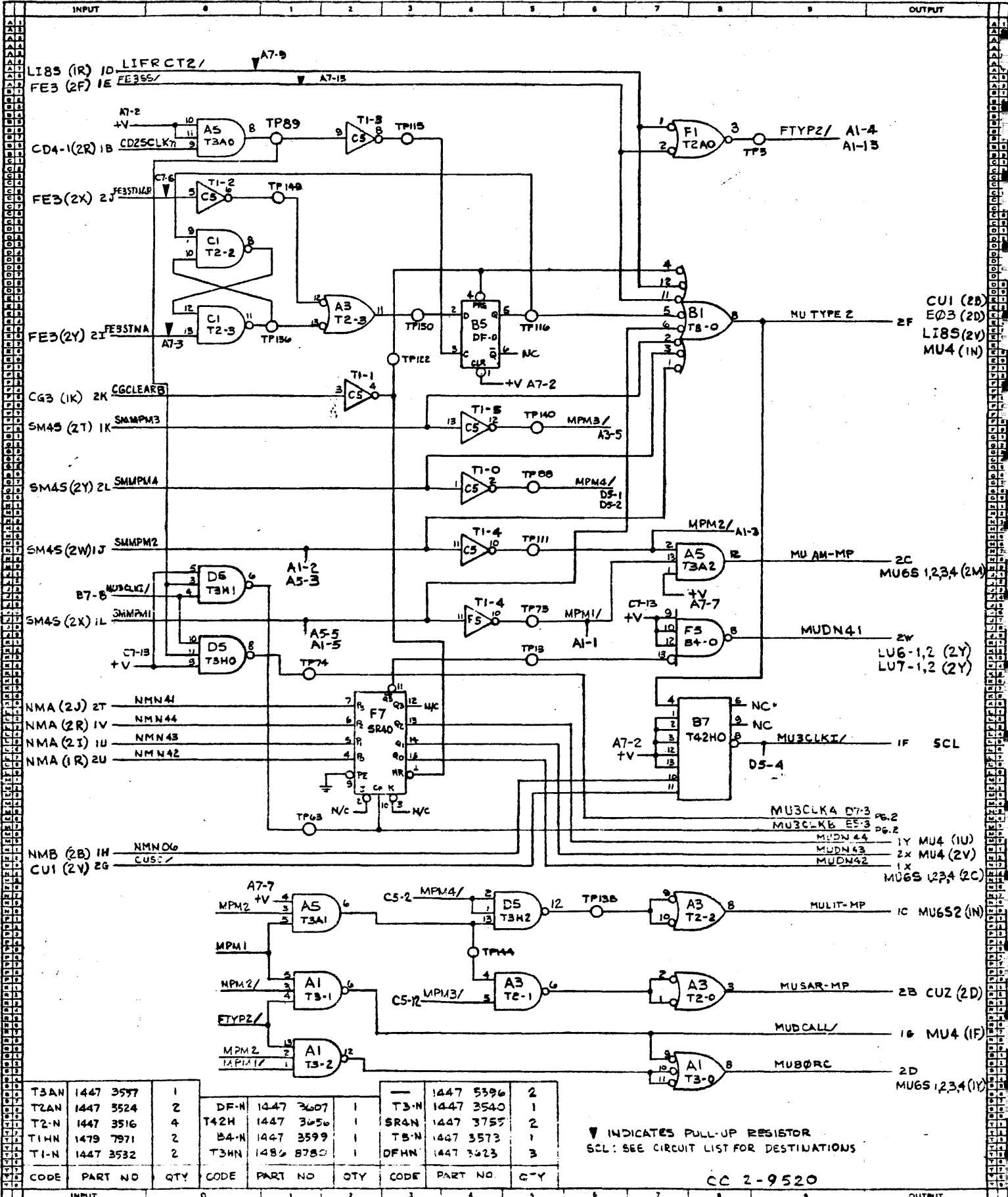
REVISIONS

TITLE		CLASS CODE	
MDP-1 & 2		2-9520	
SHEET	DWG NO.	PLT NO.	REV.
6	2607 9525	038	R

DRAWING 44131 25507

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SCHEMATIC



T3AN	1447	3577	1	DF-N	1447	3607	1	T3-N	1447	3596	2
T2AN	1447	3524	2	T42H	1447	3656	1	SR4N	1447	3755	1
T2-N	1447	3516	4	B4-N	1447	3599	1	TS-N	1447	3573	1
T1HN	1479	7971	2	T3HN	1486	8780	1	DFHN	1447	3623	3
T1-N	1447	3532	2								
CODE	PART NO	QTY	CODE	PART NO	QTY	CODE	PART NO	QTY			

▽ INDICATES PULL-UP RESISTOR
SCL: SEE CIRCUIT LIST FOR DESTINATIONS

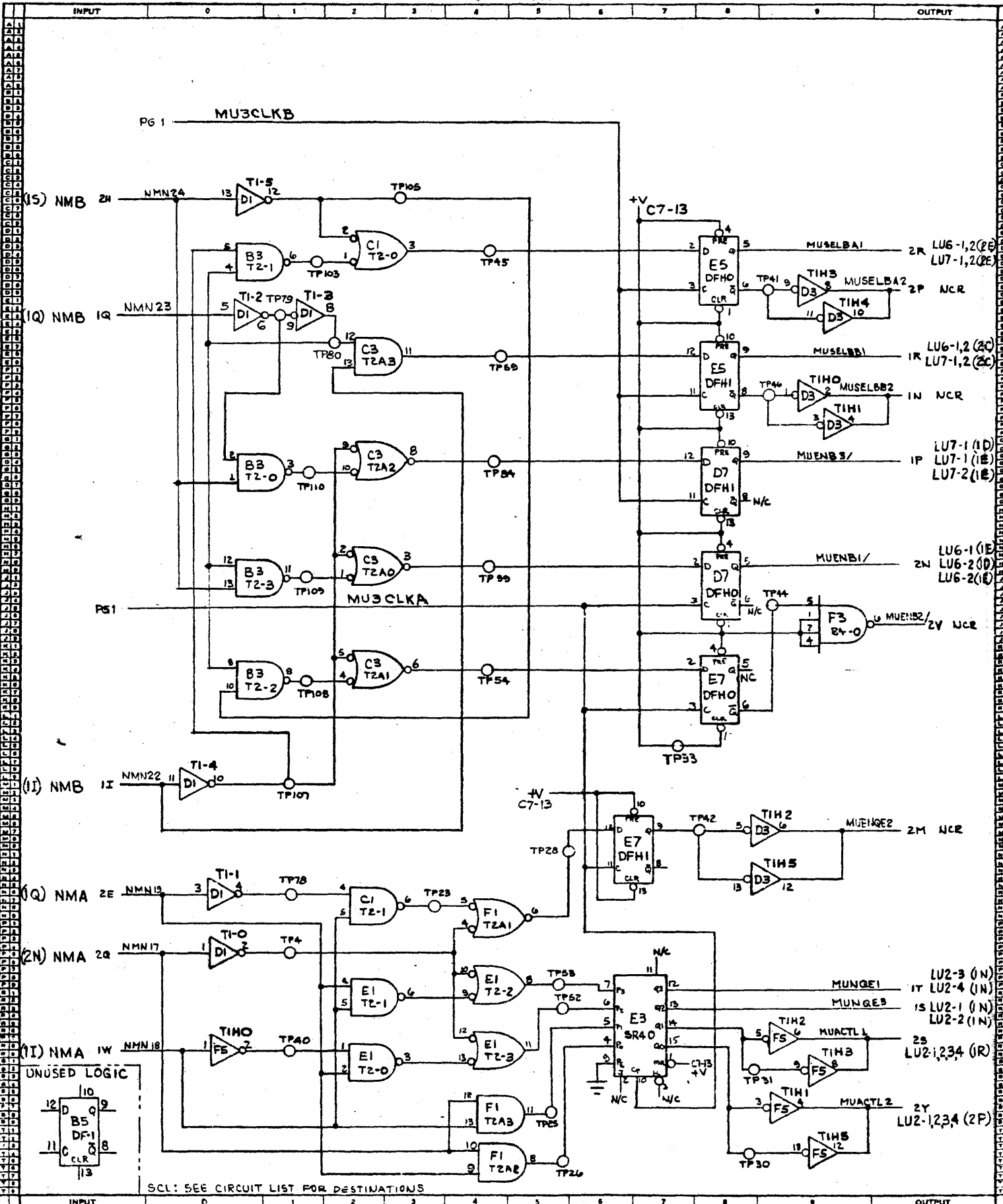
CC 2-9520

Burroughs Corporation
MAGNETIC SYSTEMS PLANT DOWNTOWN, PA 19380
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PRODUCTION

TITLE: MU2 MEMORY UNIT 2
SYSTEM: B800
DRAWN: L.M.J. CHECKED: C.S.
APPROVED: B. DINERMAN RELEASED: 10-1-70
DWG. NO. 447 806-9 PAGE 1 OF 2
REV. LETTER P EGN 5376 11-2-70

SCHEMATIC

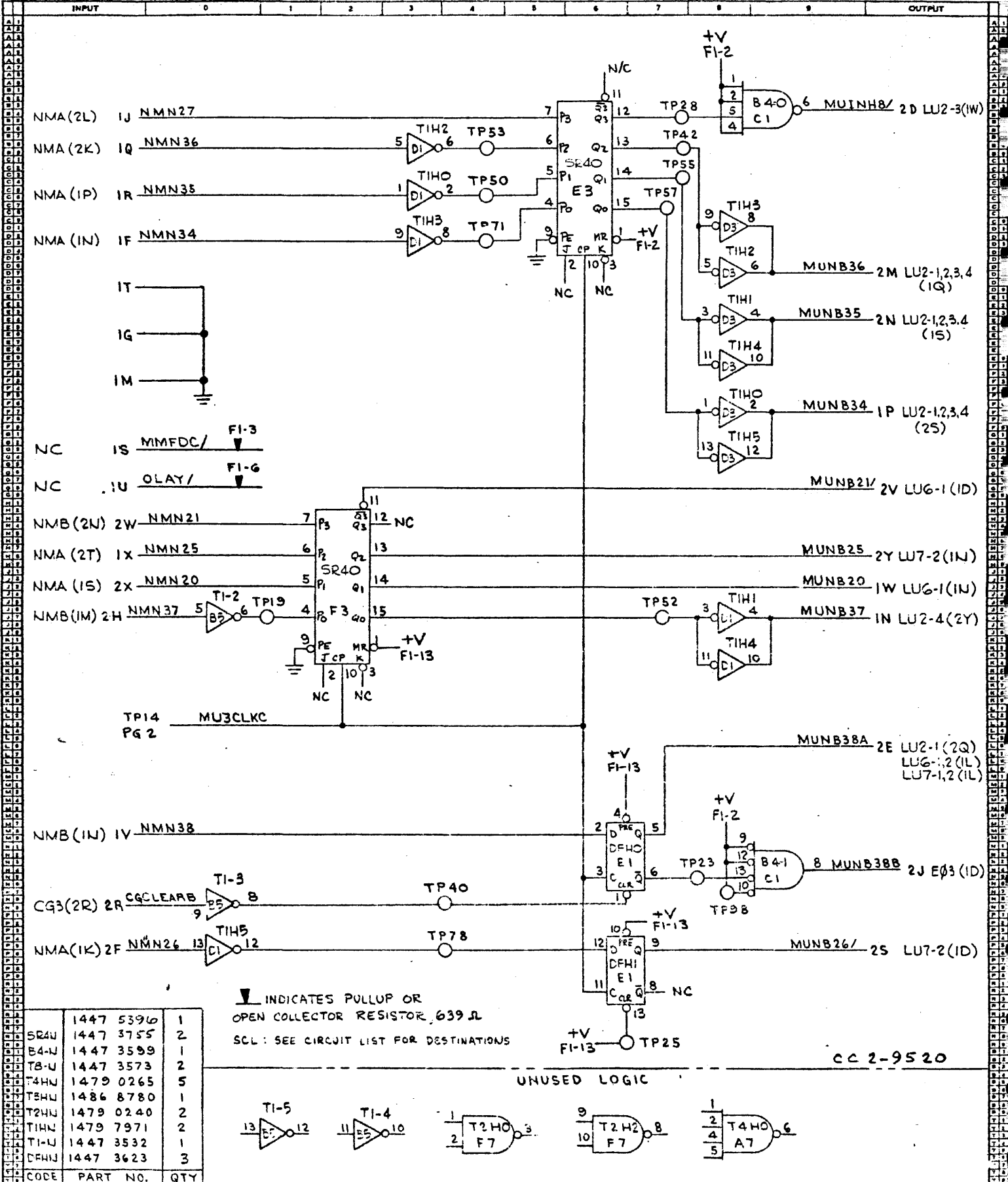


Burroughs Corporation
 MAGNETIC SYSTEMS PLANT DOWNINGTOWN PA 19338
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 FACTURING PURVISOR UNLESS ORDER OR PRIOR WRITTEN COMMENT

PRODUCTION

TITLE MU2 MEMORY UNIT 2
 SYSTEM B800
 DRAWN LIAJ
 APPROVED B. J. HAN
 CHECKED C.S.
 RELEASED 10-18-71
 DWG. NO. 1447 8069
 PAGE 2 OF 2
 REV. LETTER P ECN 5376
 ART 11-276

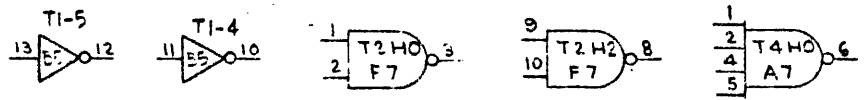
SCHEMATIC



▽ INDICATES PULLUP OR OPEN COLLECTOR RESISTOR, 639 Ω
 SCL : SEE CIRCUIT LIST FOR DESTINATIONS

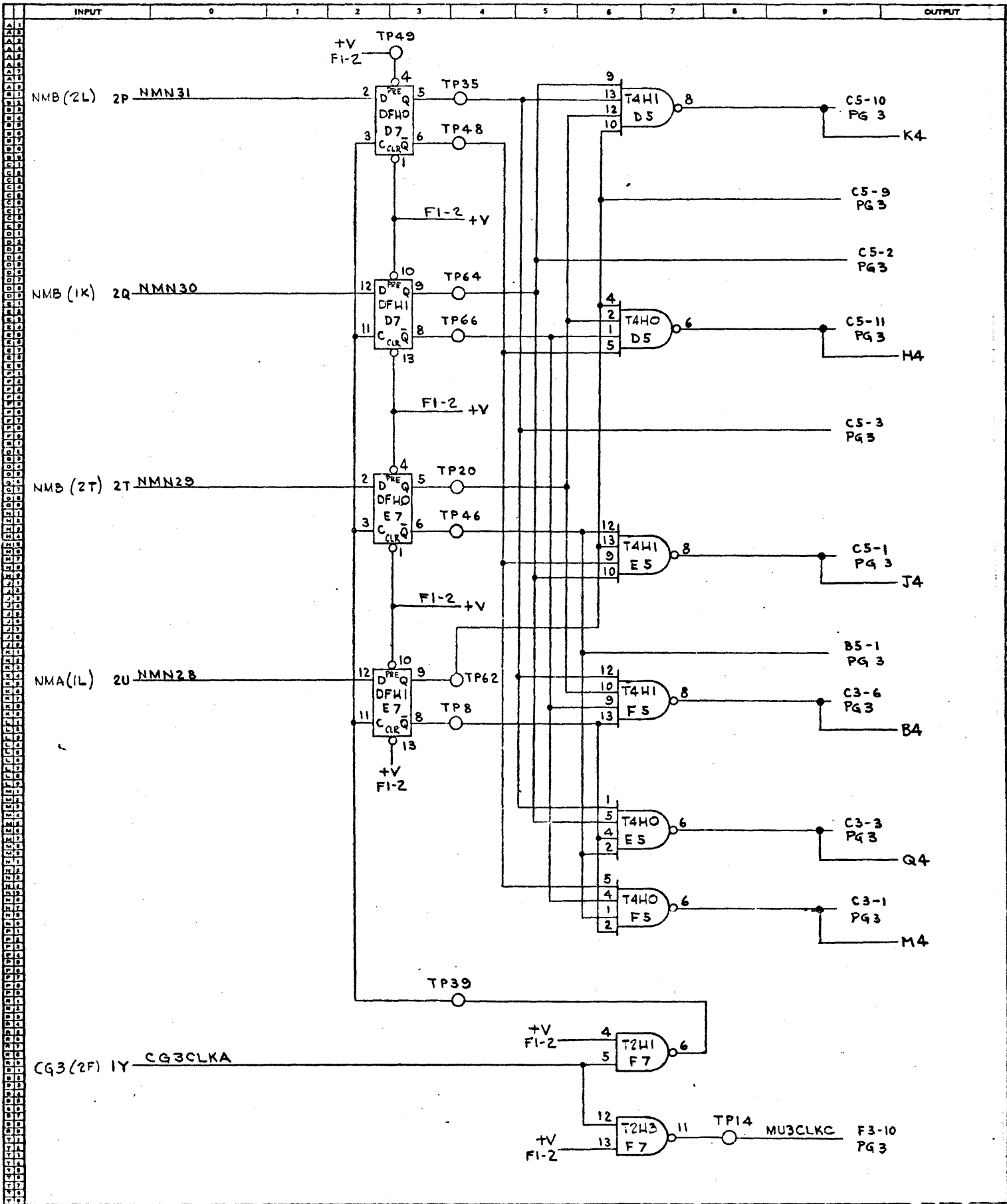
CC 2-9520

UNUSED LOGIC



	1447 5390	1
SR4U	1447 3755	2
B4-U	1447 3599	1
T8-U	1447 3573	2
T4HU	1479 0265	5
T8HU	1486 8780	1
T2HU	1479 0240	2
TIHU	1479 7971	2
TI-U	1447 3532	1
DMHU	1447 3623	3
CODE	PART NO.	QTY

SCHEMATIC

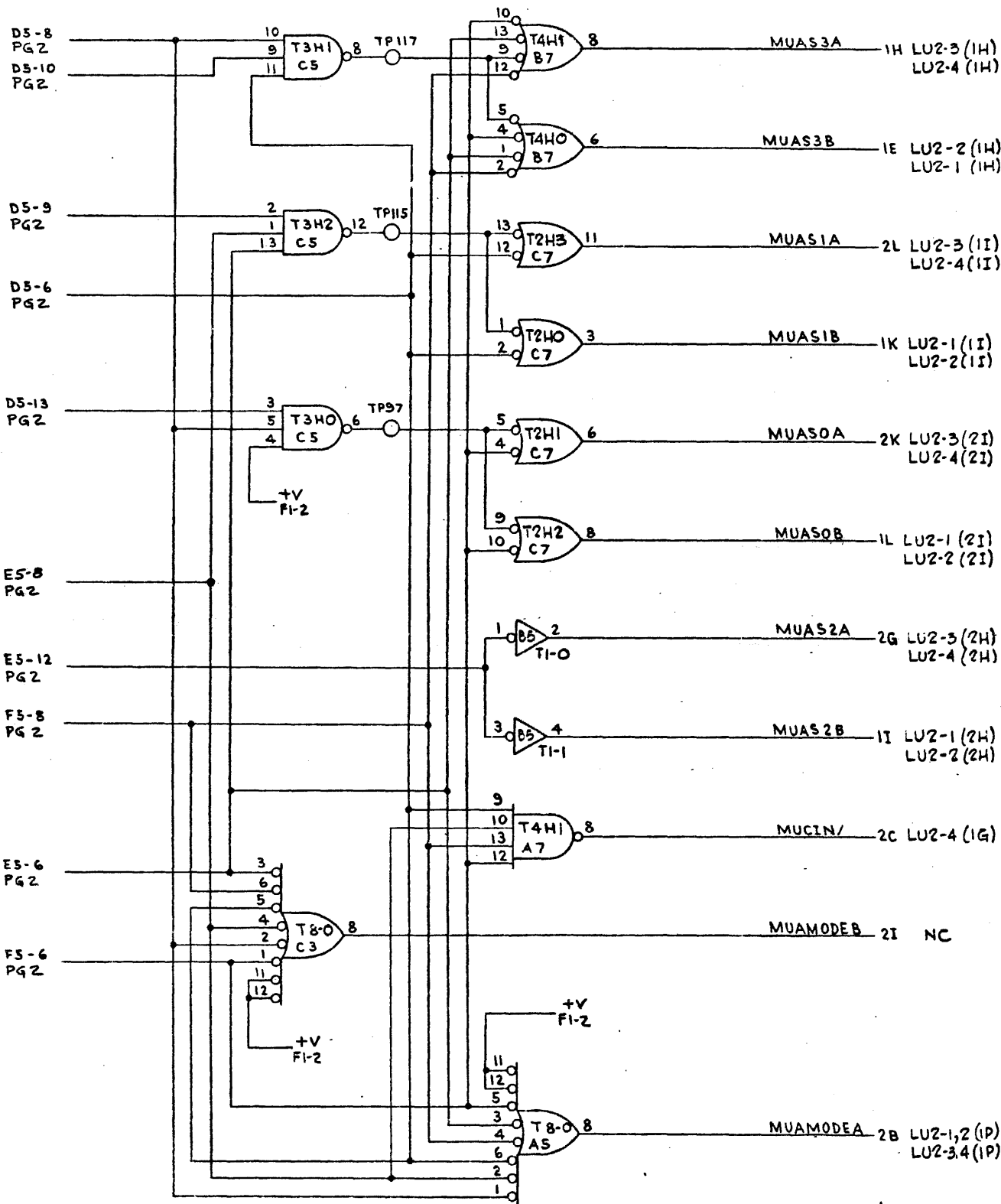


INPUT 0 1 2 3 4 5 6 7 8 9 OUTPUT

Burroughs Corporation <small>MAGNETIC SYSTEMS PLANT DOWNINGTOWN PA 19338</small>		TITLE MU3 MEMORY UNIT 3 <small>SYSTEM B500</small>		<small>DWG. NO. 1447 8077</small>	
<small>PROPERTY OF BURROUGHS CORPORATION NOT TO BE REPRODUCED OR USED FOR ANY PURPOSES WITHOUT WRITTEN PERMISSION</small>		<small>APPROVED DINERMAN</small>		<small>CHECKED C STIMSON</small>	
<small>REV. LETTER J EN 5375</small>		<small>APPROVED DINERMAN</small>		<small>PAGE 2 OF 3</small>	
<small>REV. LETTER J EN 5375</small>		<small>APPROVED DINERMAN</small>		<small>APPROVED DINERMAN</small>	

SCHMATIC

INPUT 0 1 2 3 4 5 6 7 8 9 OUTPUT



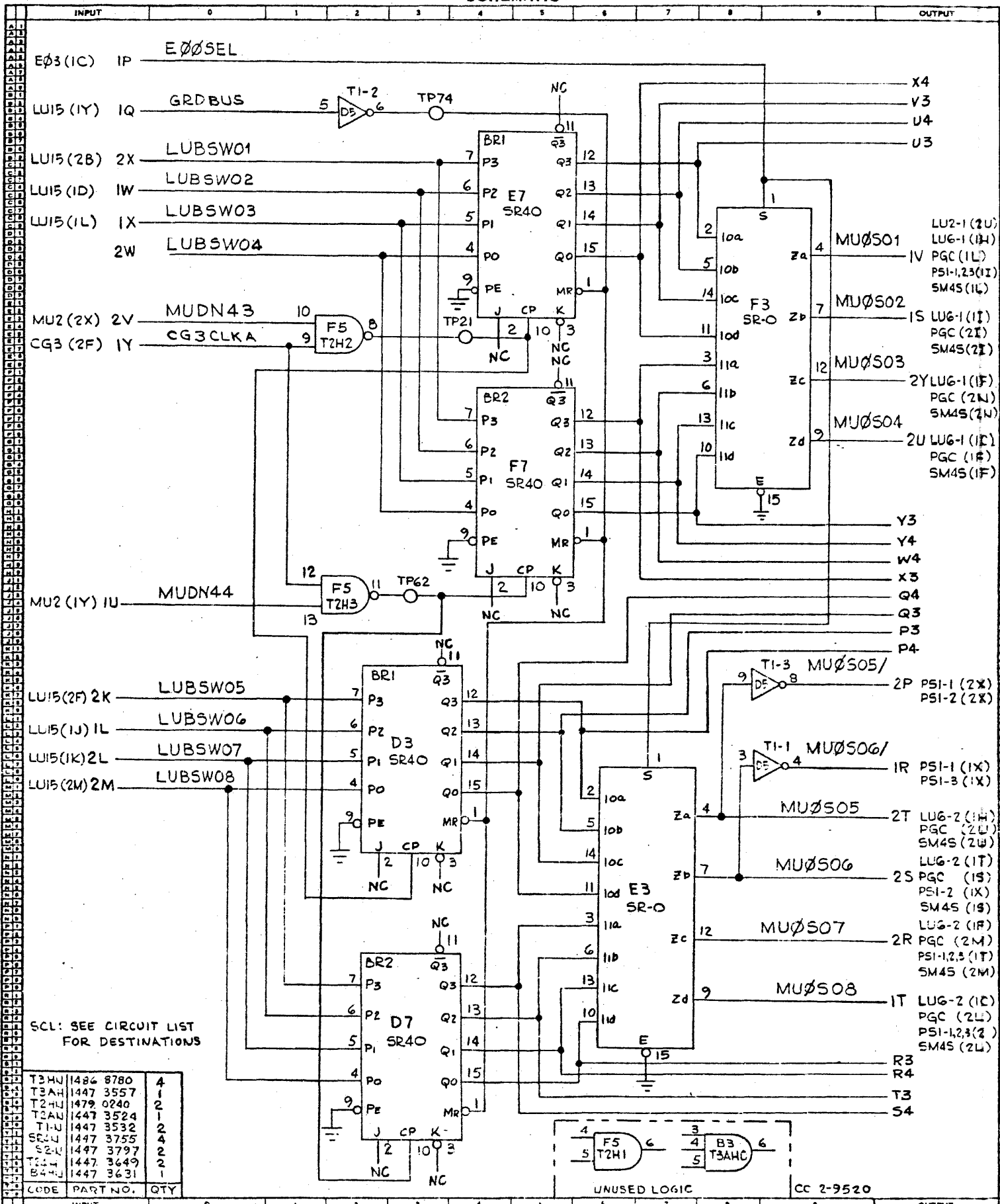
SCL: SEE CIRCUIT LIST FOR DESTINATIONS

INPUT 0 1 2 3 4 5 6 7 8 9 OUTPUT

Burroughs Corporation
 MAGNETIC SYSTEMS PLANT DOWNINGTOWN, PA. 19338
 PROPERTY OF BURROUGHS CORPORATION - NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT THE WRITTEN PERMISSION OF BURROUGHS CORPORATION

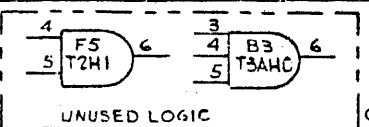
TITLE MU3 MEMORY UNIT 3
 SYSTEM 6800
 DRAWN L.M.T.
 APPROVED B. DINERMAN
 CHECKED C. STIMSON
 REV LETTER J ECU 8376
 DWG. NO. 1447 8077
 PAGE 3
 10/15/71 114

SCHMATIC



SCL: SEE CIRCUIT LIST FOR DESTINATIONS

T3MU	1486 8780	4
T3AH	1447 3557	1
T2HU	1479 0240	2
T2AN	1447 3524	1
T1U	1447 3532	2
SR4U	1447 3755	4
S2U	1447 3797	2
T2L	1447 3649	2
B4HJ	1447 3631	1
CODE	PART NO.	QTY



CC 2-9520

Burroughs Corporation
 MAGNETIC SYSTEMS PLANT DOWNINGTOWN, PA. 19330

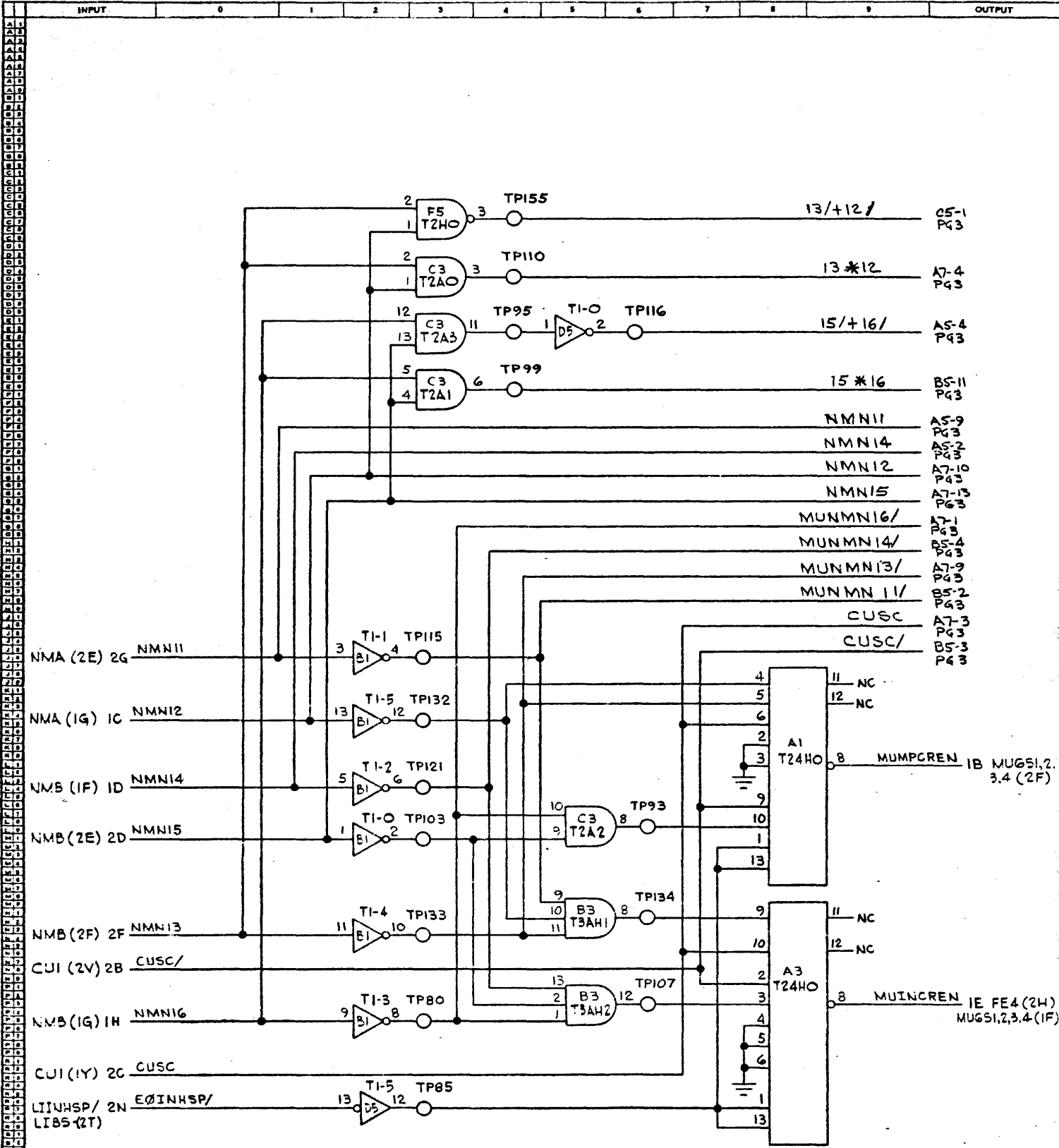
PRODUCTION

TITLE MUØ MEMORY UNIT
 SYSTEM B300
 DRAWN L.M.J. 3-16-71 CHECKED
 APPROVED B. DIMERMAN RELEASED 10-20-71

DWG. NO. 1447 2150
 PAGE 5 OF 3
 REV. LETTER 3 ECR 55%

PRINTED IN U.S.A.

SCHMATIC



SCL: SEE CIRCUIT LIST FOR DESTINATIONS

INPUT	0	1	2	3	4	5	6	7	8	9	OUTPUT
-------	---	---	---	---	---	---	---	---	---	---	--------

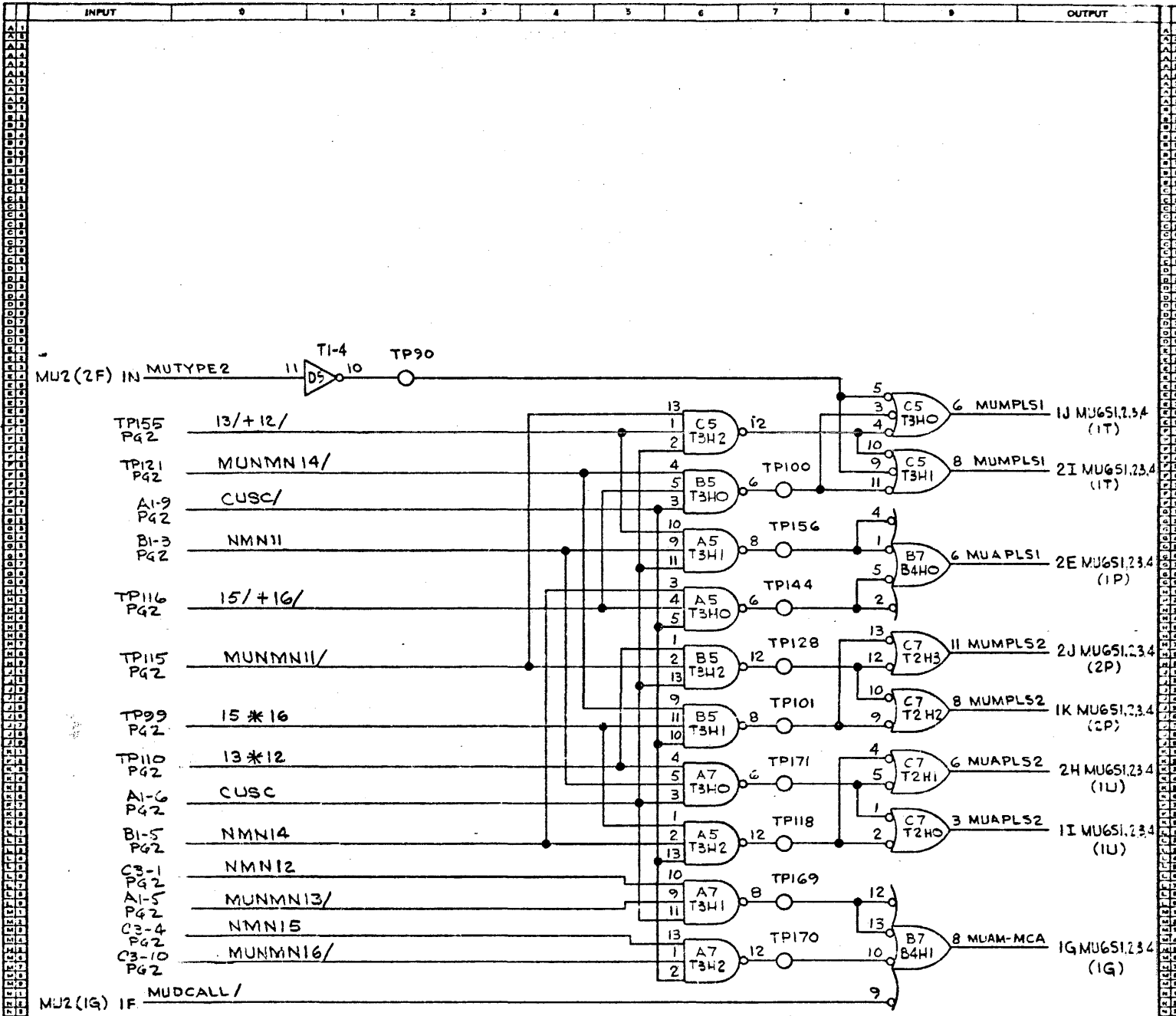
Burroughs Corporation
 MAGNETIC SYSTEMS PLANT
 DOWNTOWN PA 19338

TITLE MU4 MEMORY UNIT
 SYSTEM B600
 DRAWN L.M.J. 9-16-71 CHECKED
 APPROVED B. DIMERMAN RELEASED 10-20-71
 DWG. NO. 1447 8150
 PAGE 2 OF 3
 REV. LETTER G ECH 5376

U 2
 U 4
 U 6
 U 8

U 2
 U 4
 U 6
 U 8

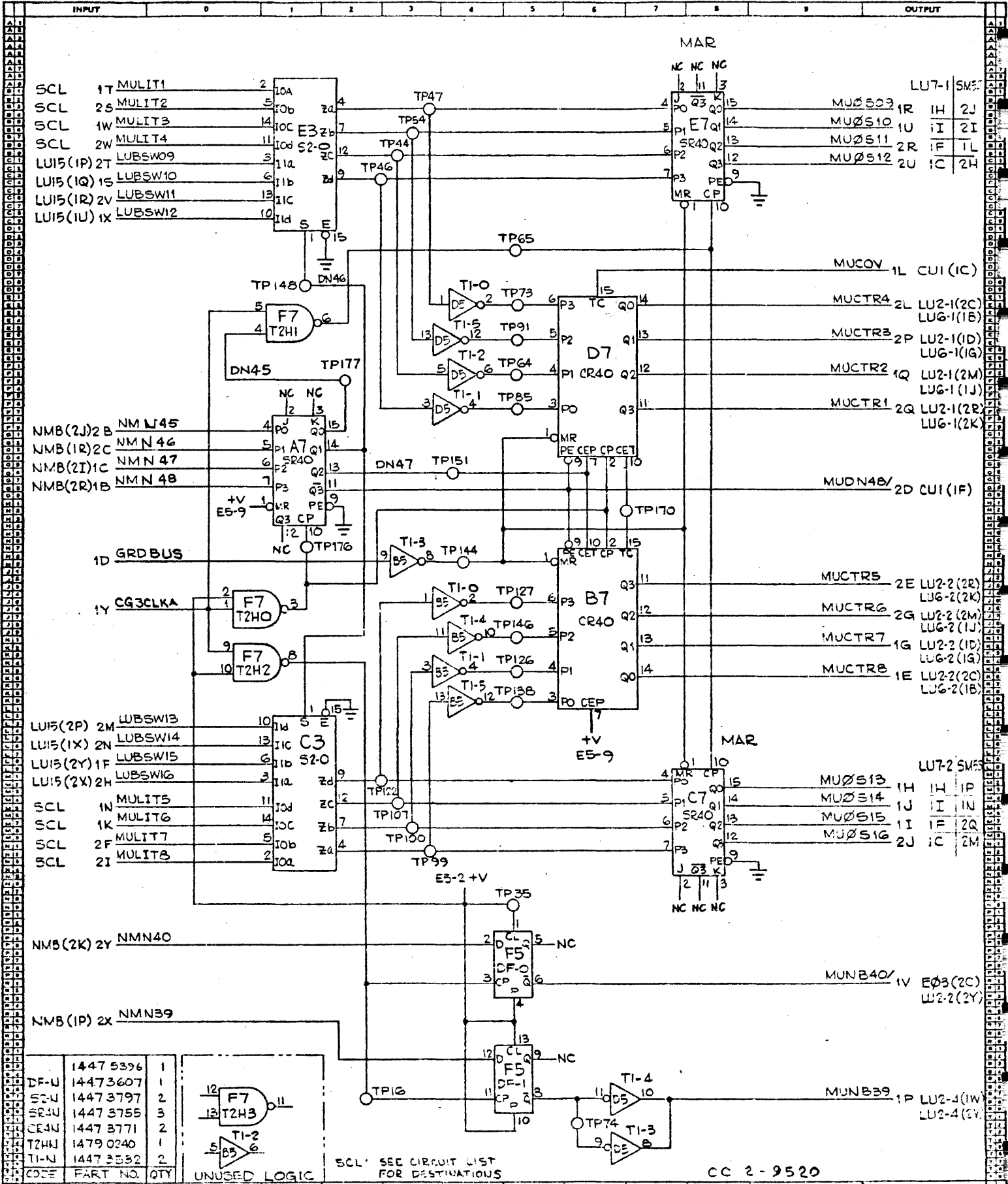
SCHEMATIC



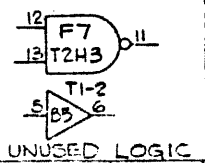
SCL: SEE CIRCUIT LIST FOR DESTINATIONS

INPUT	0	1	2	3	4	5	6	7	8	9	OUTPUT
<p>Burroughs Corporation</p> <p>MAGNETIC SYSTEMS PLANT DOWNINGTOWN, PA 19338</p> <p><small>PROPERTY OF BURROUGHS CORP. NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT WRITTEN CONSENT</small></p>											
<p>TITLE: MU4 MEMORY UNIT SYSTEM B200</p>						<p>DWG. NO. 1447 8150</p>			<p>PAGE 3 OF 3</p>		
<p>APPROVED: B. DICKMAN</p>						<p>RELEASED 10-20-71</p>			<p>REV. LETTER G EGN5376</p>		

SCHMATIC

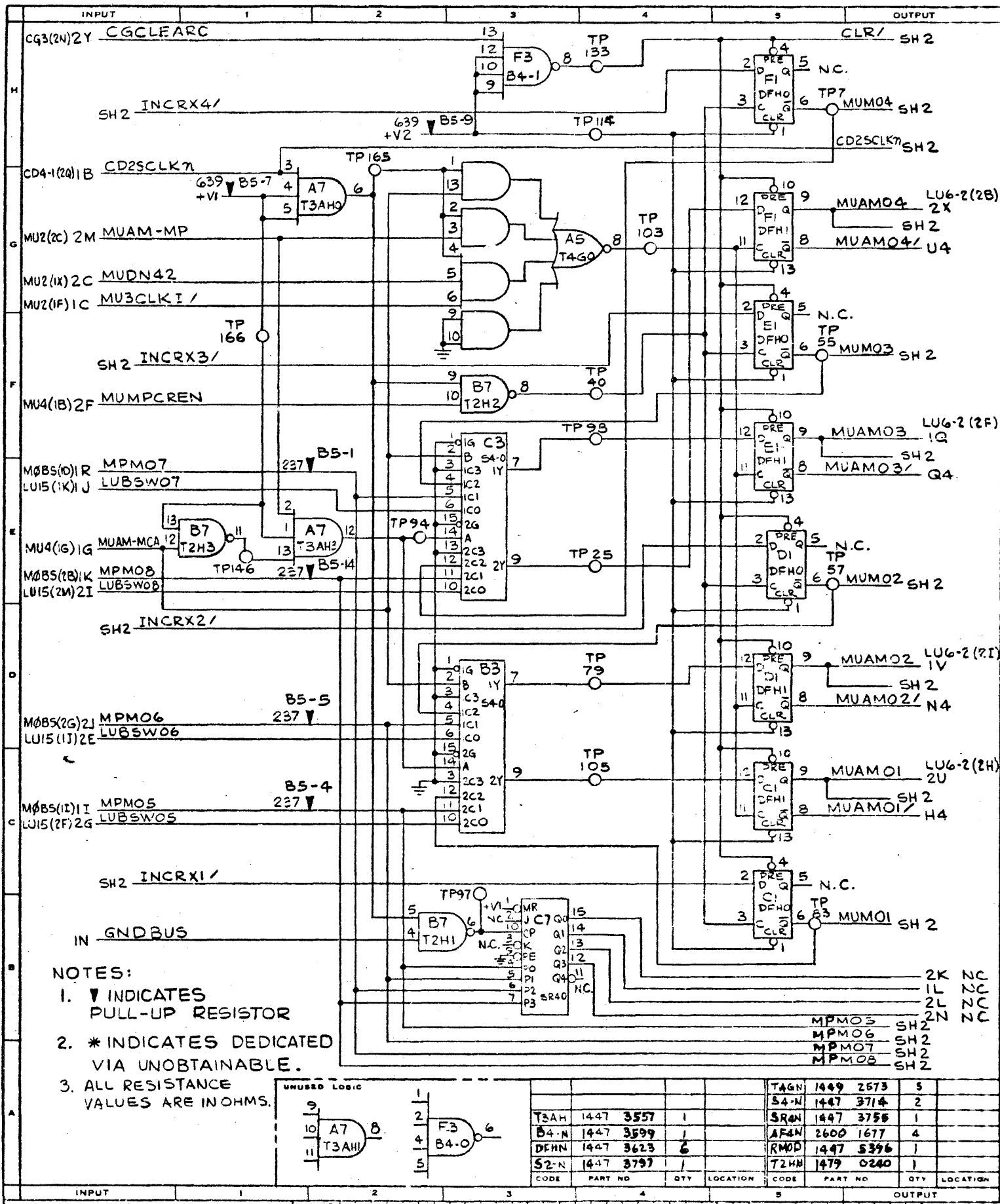


CODE	PART NO.	QTY
DF-U	1447 5396	1
S2-U	1447 3607	1
SR4-U	1447 3797	2
CR4-U	1447 3755	3
T2H-U	1447 3771	2
TI-U	1447 0240	1
TI-U	1447 3532	2

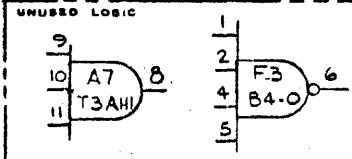


SCL - SEE CIRCUIT LIST FOR DESTINATIONS

CC 2 - 9520

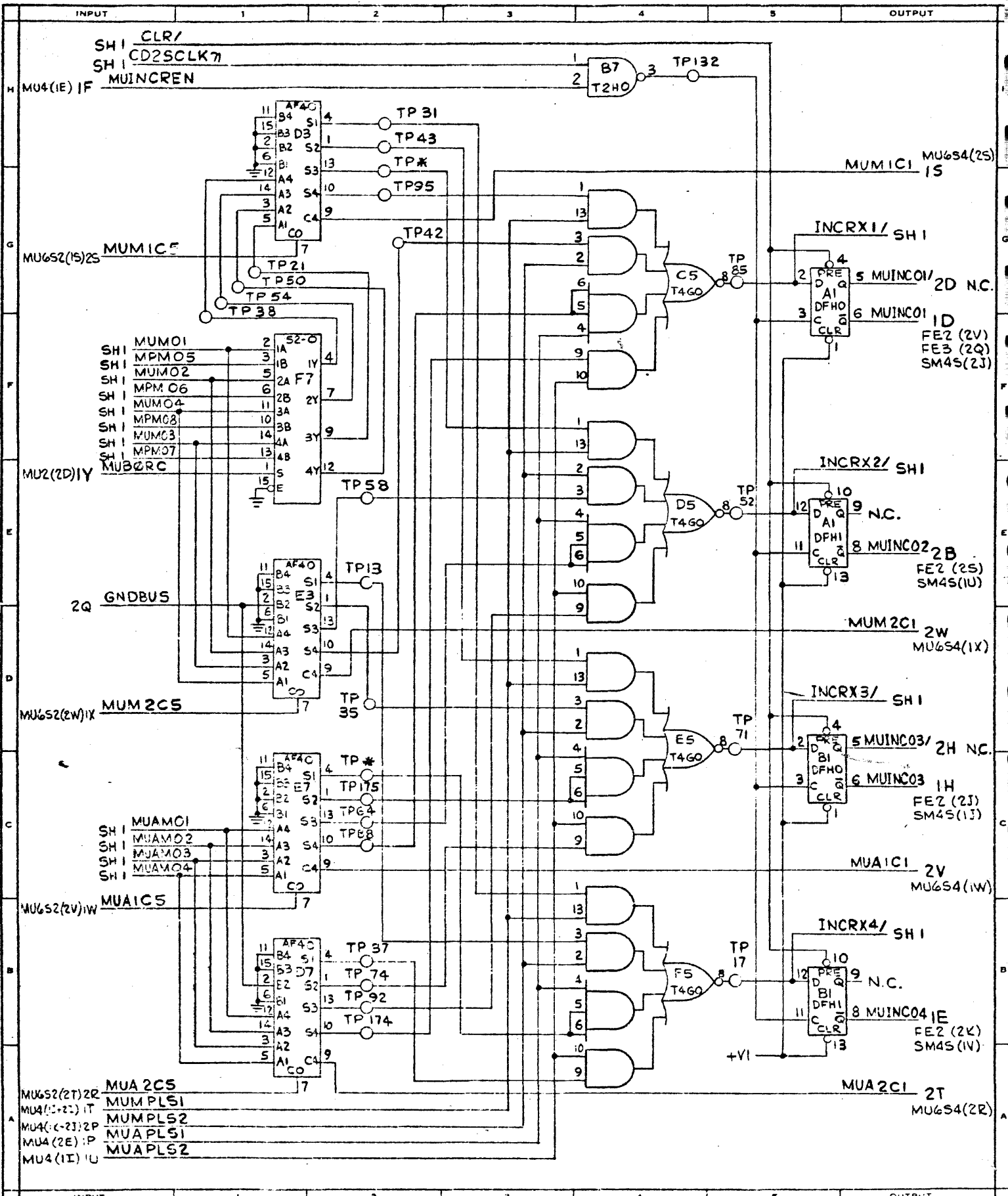


- NOTES:
1. ▽ INDICATES PULL-UP RESISTOR
 2. * INDICATES DEDICATED VIA UNOBTAINABLE.
 3. ALL RESISTANCE VALUES ARE IN OHMS.



CODE	PART NO	QTY	LOCATION	CODE	PART NO	QTY	LOCATION
T3AH	1447	3557	1	T3AH	1447	2573	5
B4-N	1447	3599	1	B4-N	1447	3714	2
DFHN	1447	3623	6	SRAN	1447	3755	1
S2-N	1447	3797	1	AF4N	2600	1677	4
				RMOD	1447	5396	1
				T2HN	1479	0240	1

MPM03 SH2
 MPM06 SH2
 MPM07 SH2
 MPM08 SH2

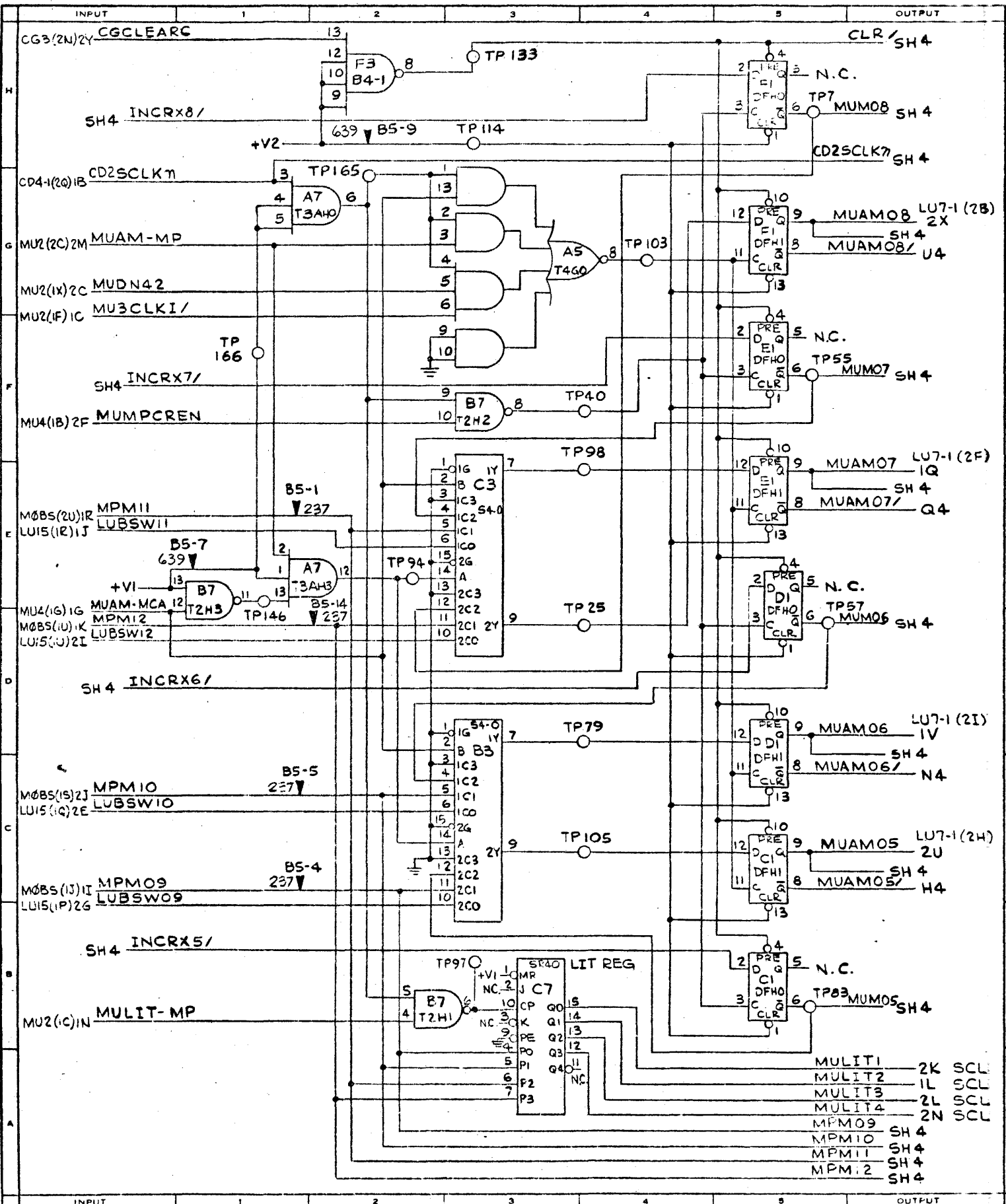


Burroughs Corporation

SMALL SYSTEMS GROUP DOWN NOTION PLANT U.S. AMERICA

REVISIONS (CONT.)

TITLE	CLASS CODE
MU6S-1	2-9520
REV	REV
2	2005 4954 038 B



Burroughs Corporation

SMALL SYSTEMS GROUP DOWNINGTON PLANT
DOWNINGTON, PA 19328 U.S.AMERICA

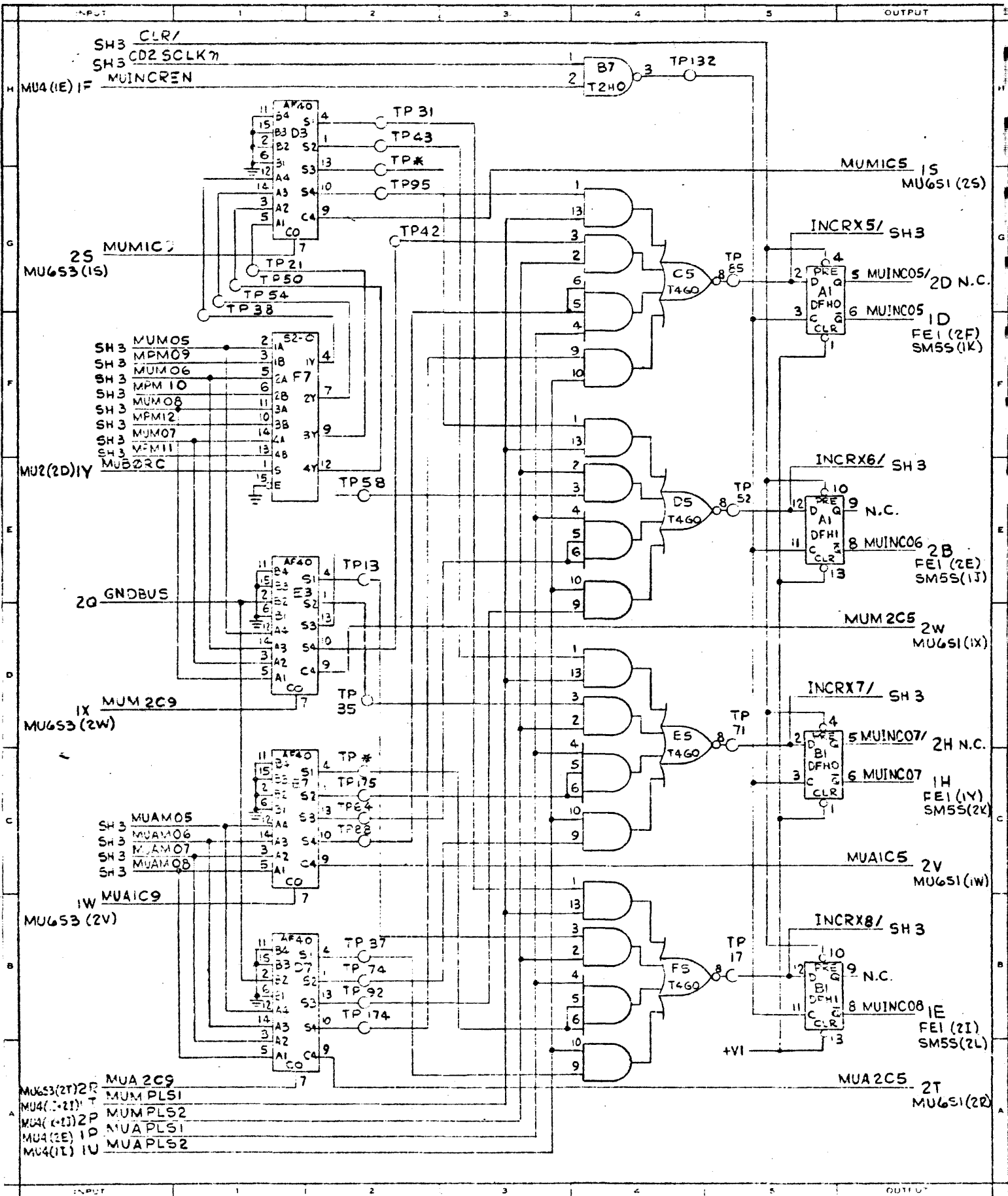
REVISIONS (CONT)

TITLE	CLASS CODE
MUGS-2	2-9520
SHEET	PLT NO
3	2608 4954 038

121

DRAWING 44131 230072

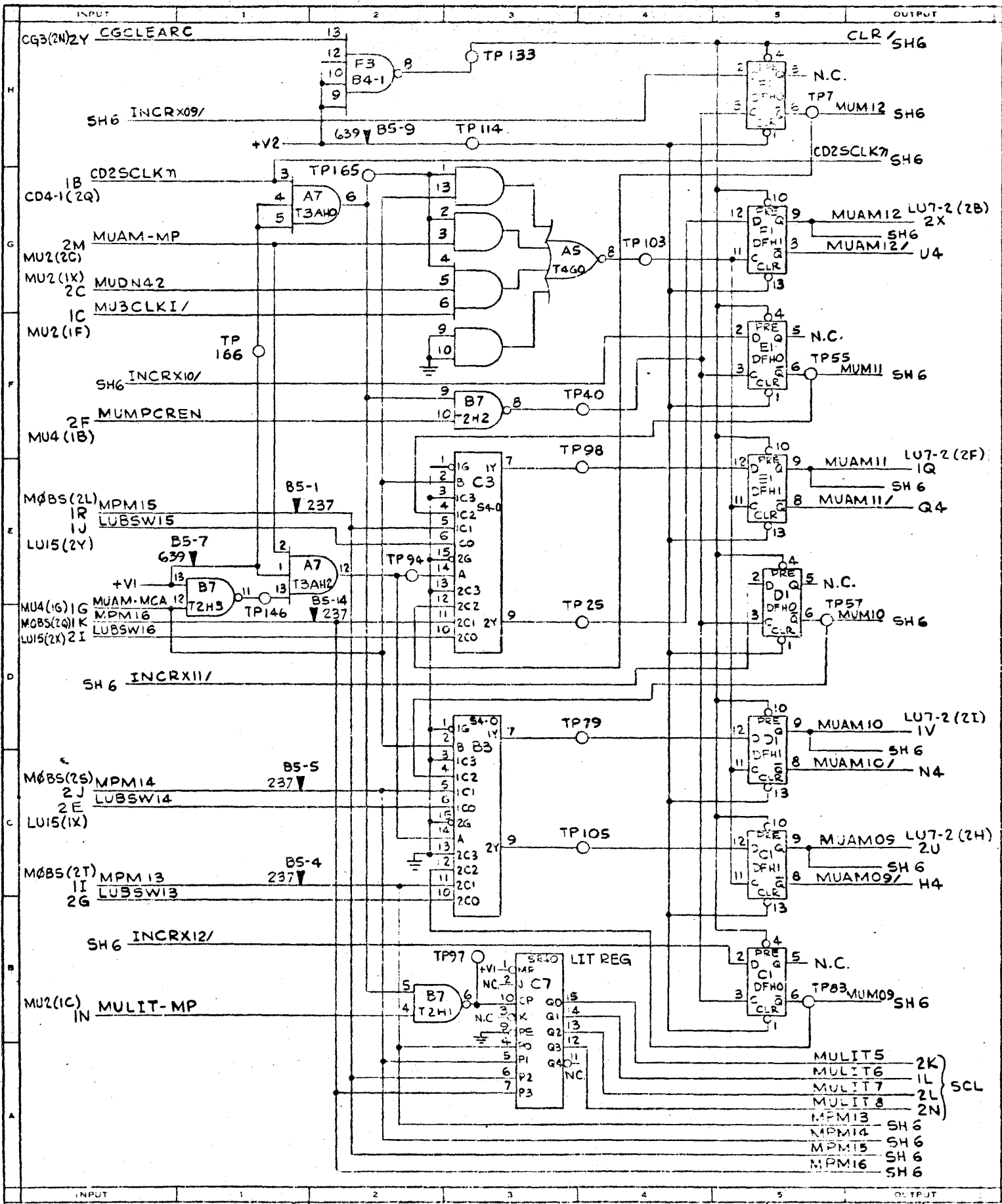
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Burroughs Corporation

MU65-2

2-9520

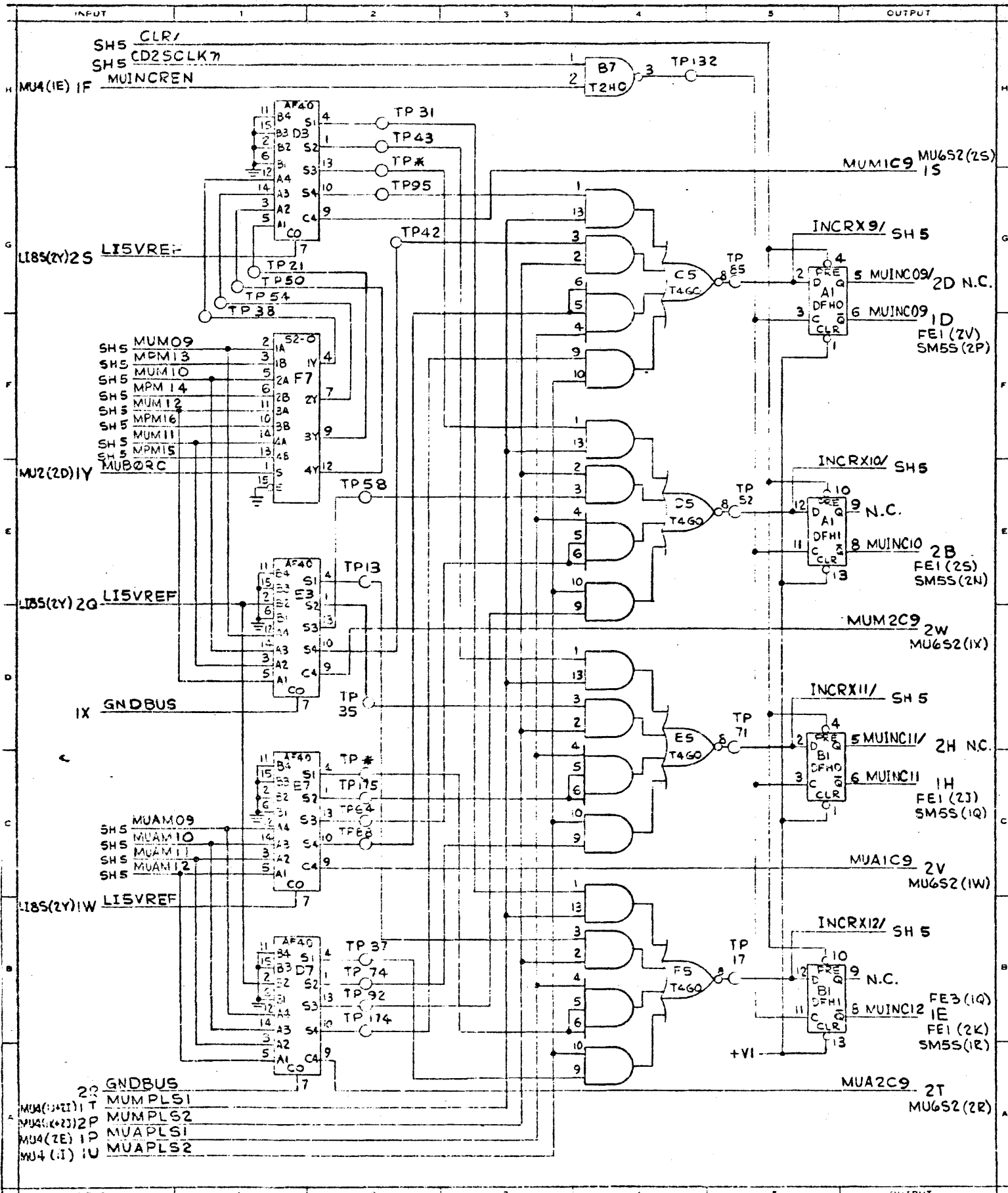


Burroughs Corporation

SMALL SYSTEMS GROUP DOMINION PLANT
 BOSTON, MASS. 02118 PHILADELPHIA, PA. 19103

FILE	CLASS OF
MUGS-3	2-9520
SHEET NO.	TOTAL SHEETS
5	12608 4954 0381 B

1.23

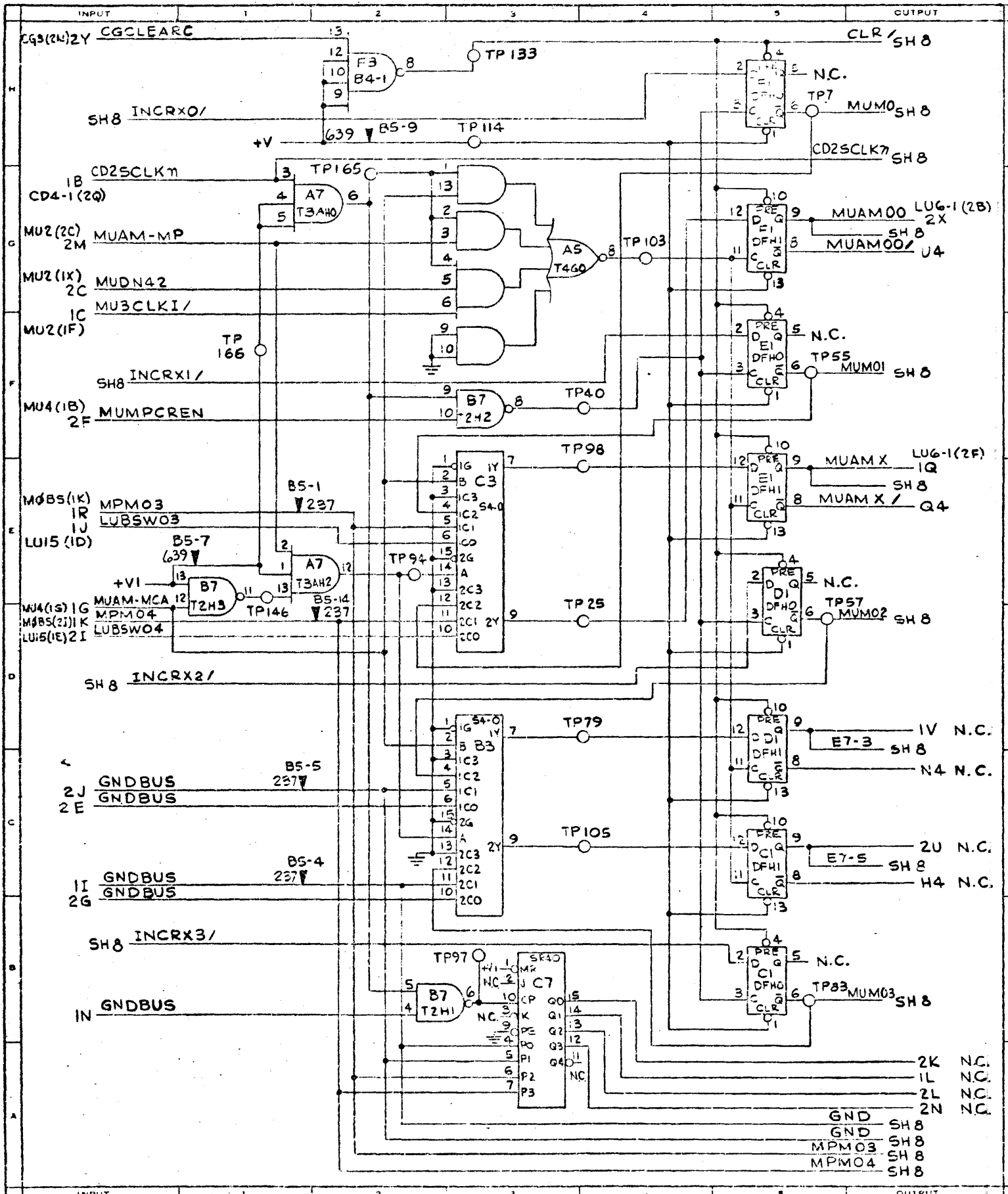


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MUGS-3 2-9520

134 6 12608 4954 038 B



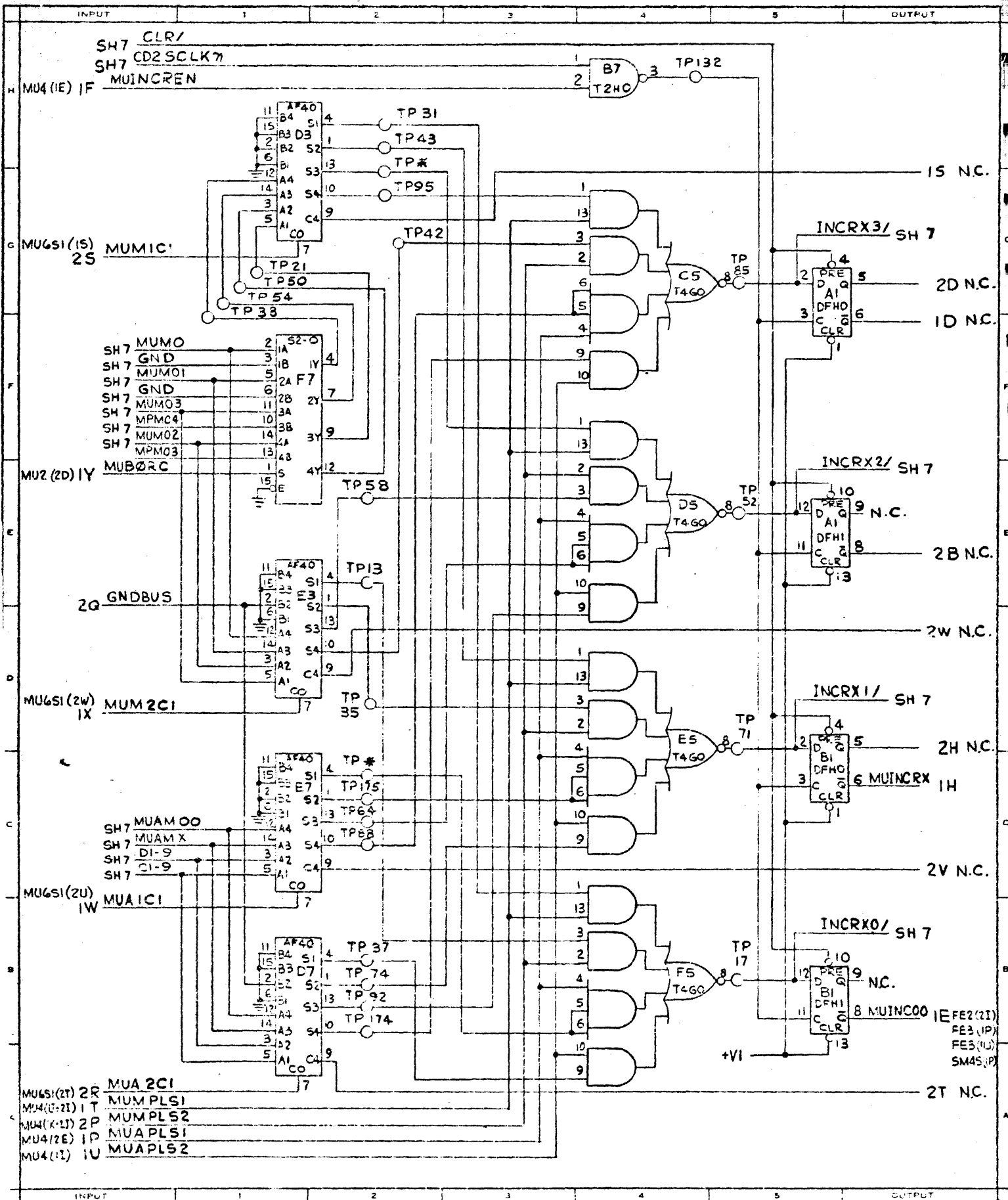
Burroughs Corporation

SMALL SYSTEMS GROUP DOWNINGTOWN PLANT, U.S.A.

REVIS 055 (CONT)

MUGS-4 2-9520

125 7 2608 4954 03A B

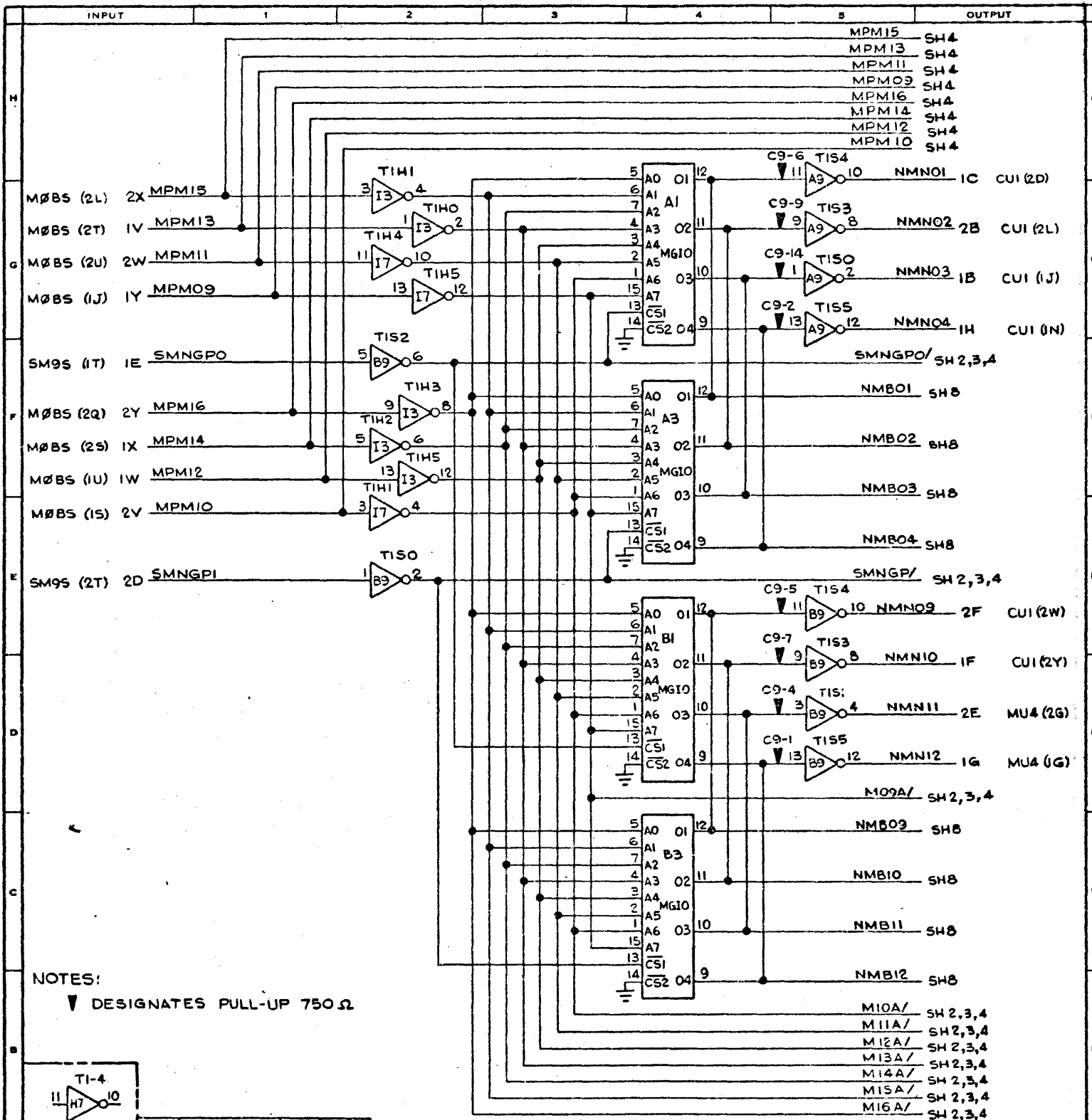


Burroughs Corporation

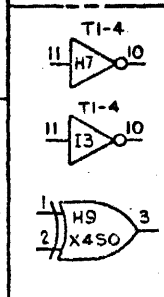
SMALL SYSTEMS GROUP DOWNINGTON, PA. 19333
 DOWNINGTON, PA. 19333

TITLE: MUGS-4
 CLASS CODE: 2-9520

124 2 12603 4054 0381 B



NOTES:
 ▼ DESIGNATES PULL-UP 750 Ω



MGIN	2605	9303	1	G7	MGIN	2605	5930	1	ES	MGIN	1448	4299	1	D3	MGIN	1448	4141	1	CI
MGIN	2605	9287	1	F7	MGIN	2605	5814	1	DE	MGIN	1448	4231	1	C3	MGIN	1448	4133	1	BI
MGIN	2605	9261	1	E7	MGIN	2605	5795	1	CS	MGIN	1448	4273	1	B3	MGIN	1448	4125	1	AI
MGIN	2605	9246	1	D7	MGIN	2605	5772	1	B5	MGIN	1448	4265	1	A3	SCSO	2602	7318	3	
MGIN	2605	9220	1	C7	MGIN	2605	5752	1	A5	MGIN	1448	4182	1	G1	XASN	2602	2837	1	
MGIN	2605	9204	1	E7	MGIN	1448	4323	1	G3	MGIN	1448	4174	1	F1	TISN	2600	1425	2	
MGIN	2605	9188	1	A7	MGIN	1448	4315	1	FE	MGIN	1448	4166	1	E1	TIHN	1379	7071	3	
MGIN	2605	5671	1	G5	MGIN	1448	4307	1	E3	MGIN	1448	4158	1	D1	RMOD	2606	0392	2	
MGIN	2605	5555	1	F5															

INPUT	1	2	3	4	5	OUTPUT
MØBS (2L) 2X MPM15						MPM15 SH4
MØBS (2T) 1V MPM13						MPM13 SH4
MØBS (2U) 2W MPM11						MPM11 SH4
MØBS (1J) 1Y MPM09						MPM09 SH4
						MPM16 SH4
						MPM14 SH4
						MPM12 SH4
						MPM10 SH4
SM9S (1T) 1E SMNGPO						SMNGPO/ SH 2,3,4
MØBS (2Q) 2Y MPM16						NMBO1 SH8
MØBS (2S) 1X MPM14						NMBO2 SH8
MØBS (1U) 1W MPM12						NMBO3 SH8
MØBS (1S) 2V MPM10						NMBO4 SH8
SM9S (2T) 2D SMNGPI						SMNGPI/ SH 2,3,4
						NMN09 2F CUI (2W)
						NMN10 1F CUI (2Y)
						NMN11 2E MUA (2G)
						NMN12 1G MUA (1G)
						MIOA/ SH 2,3,4
						M11A/ SH 2,3,4
						M12A/ SH 2,3,4
						M13A/ SH 2,3,4
						M14A/ SH 2,3,4
						M15A/ SH 2,3,4
						M16A/ SH 2,3,4

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COMPUTER SYSTEMS GROUP DOWNTOWN PLANT
 DOWNTOWN PA. 19338 U.S. AMERICA

REV. 5376

DATE: 11-9-76

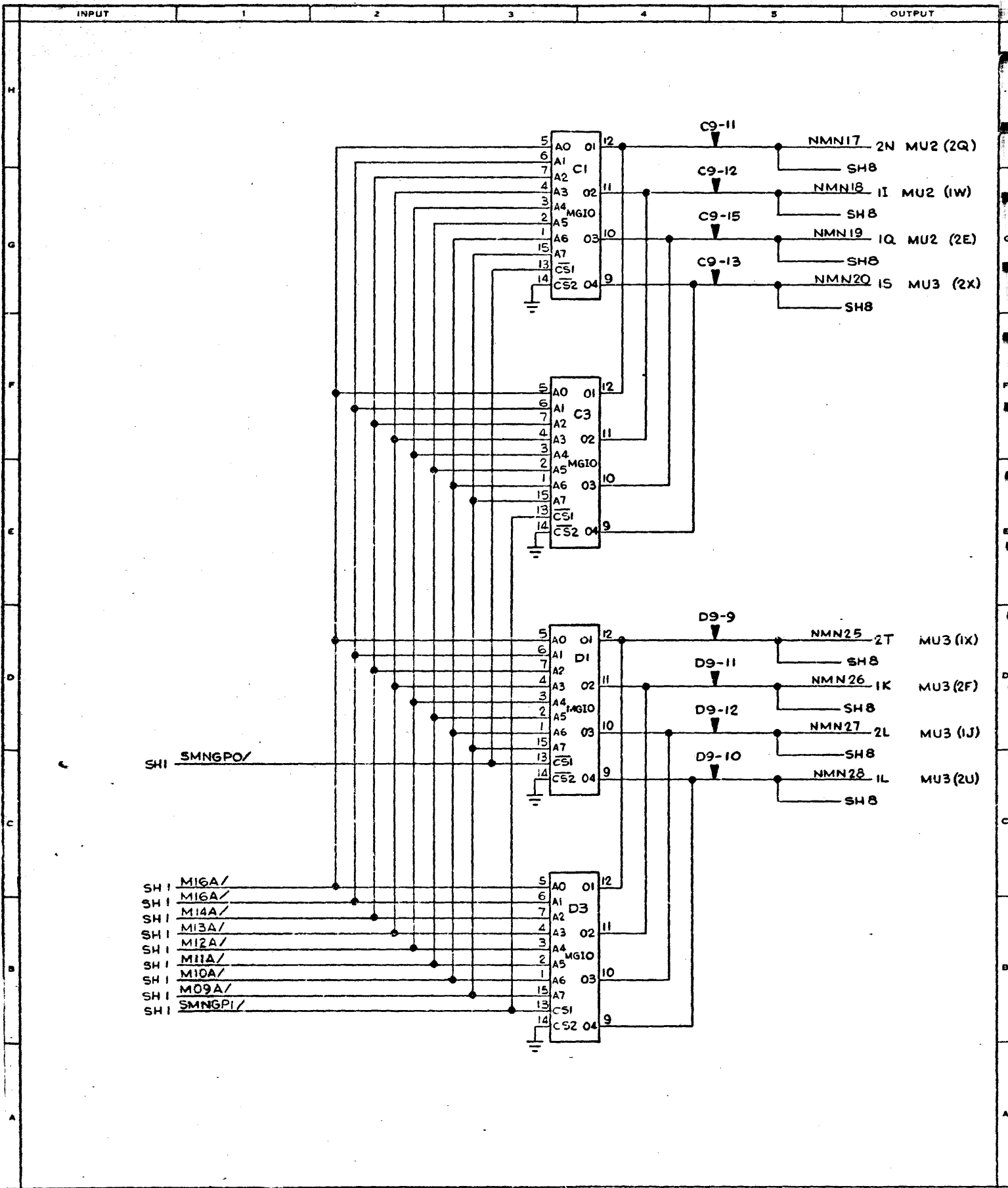
TITLE: NMA

CLASS CODE: 2-9520

PLT NO. 038

REV. B

BURG 44-131 25507



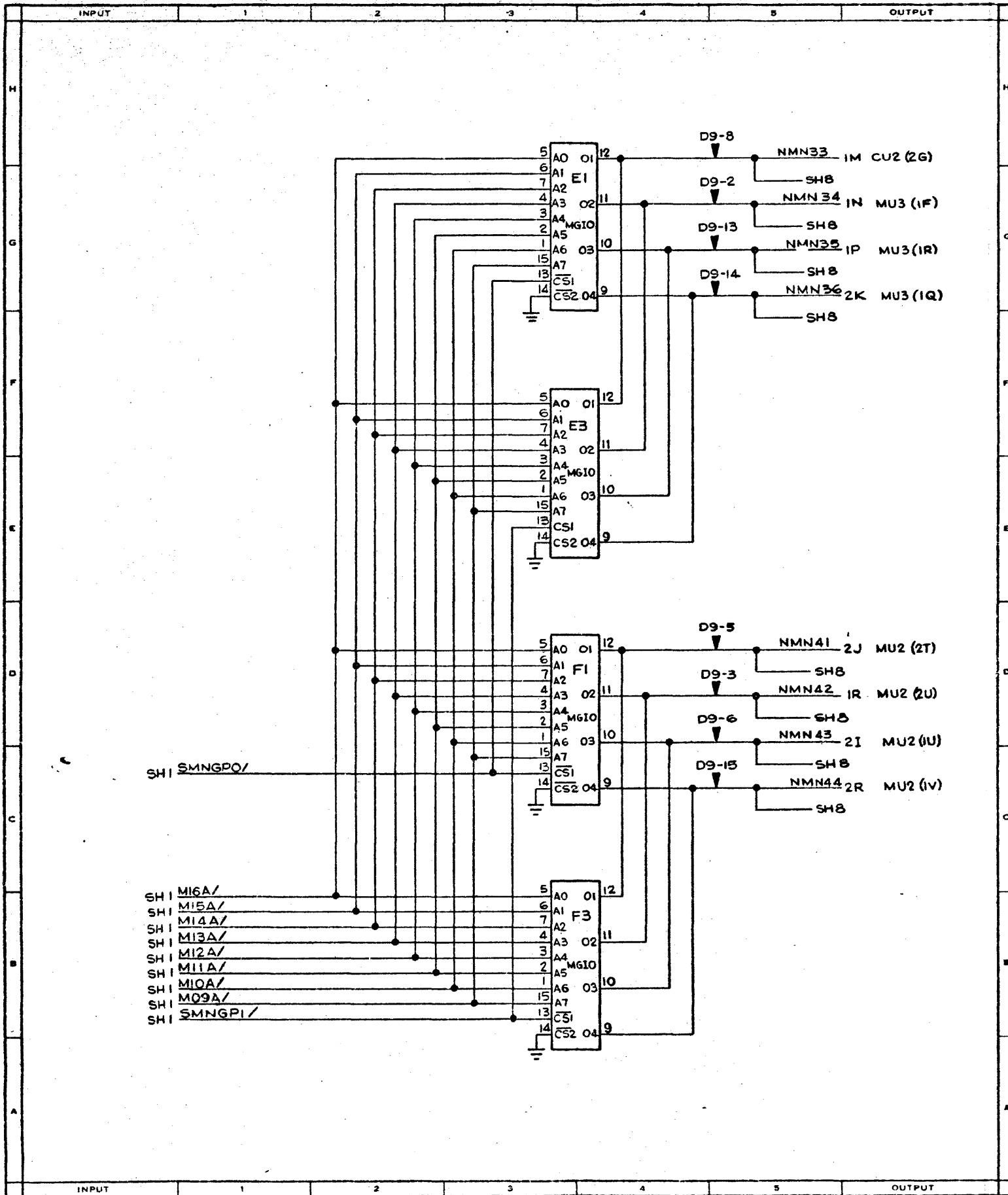
Burroughs Corporation

COMPUTE SYSTEMS GROUP
DOWNTOWN PLANT
DOWNTOWN PA 19335

DOWNTOWN PLANT
U.S. AMERICA

REVISIONS

TYPE	CLASS CODE
NMA	2-9520
DATE	PLT. NO. REV.
128 2	2608 1328 038 B



Burroughs Corporation

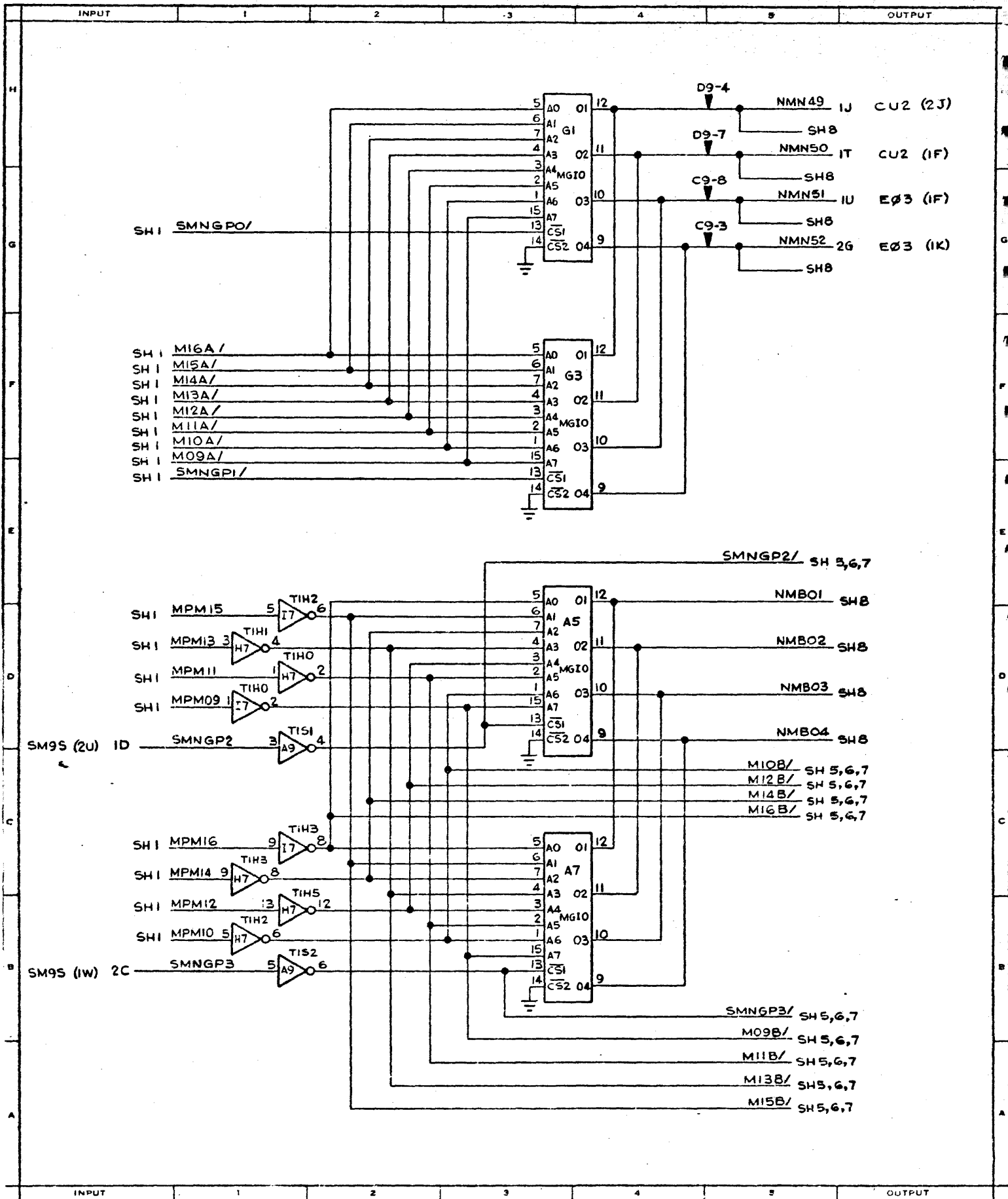
COMPUTER SYSTEMS GROUP DOWNINGTOWN PLANT
DOWNINGTOWN, PA. 19333 U.S. AMERICA

REVISIONS

TITLE	CLASS
NMA	2-9520
SHEET (DWG. NO.)	PLT. NO. REV.
3 2608 1828	038 B

WORKING 44 131 2:507

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DOWNTOWN, PA 15338

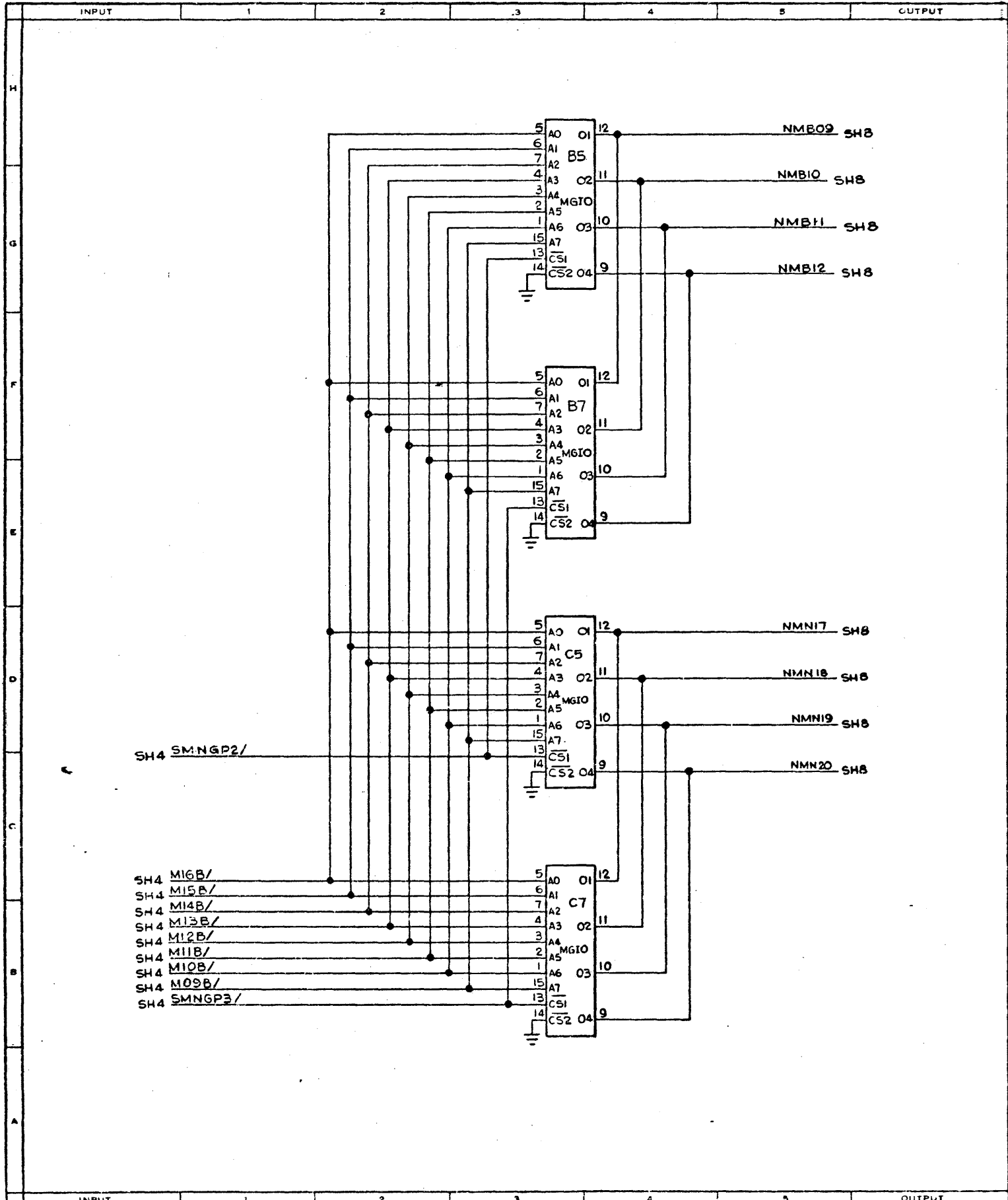
DOWNTOWN PLANT
U.S. AMERICA

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TITLE		CLASS CODE	
NMA		2-9520	
SHEET	DWG. NO.	PLOT NO.	REV.
4	2608 1828	038	B

130



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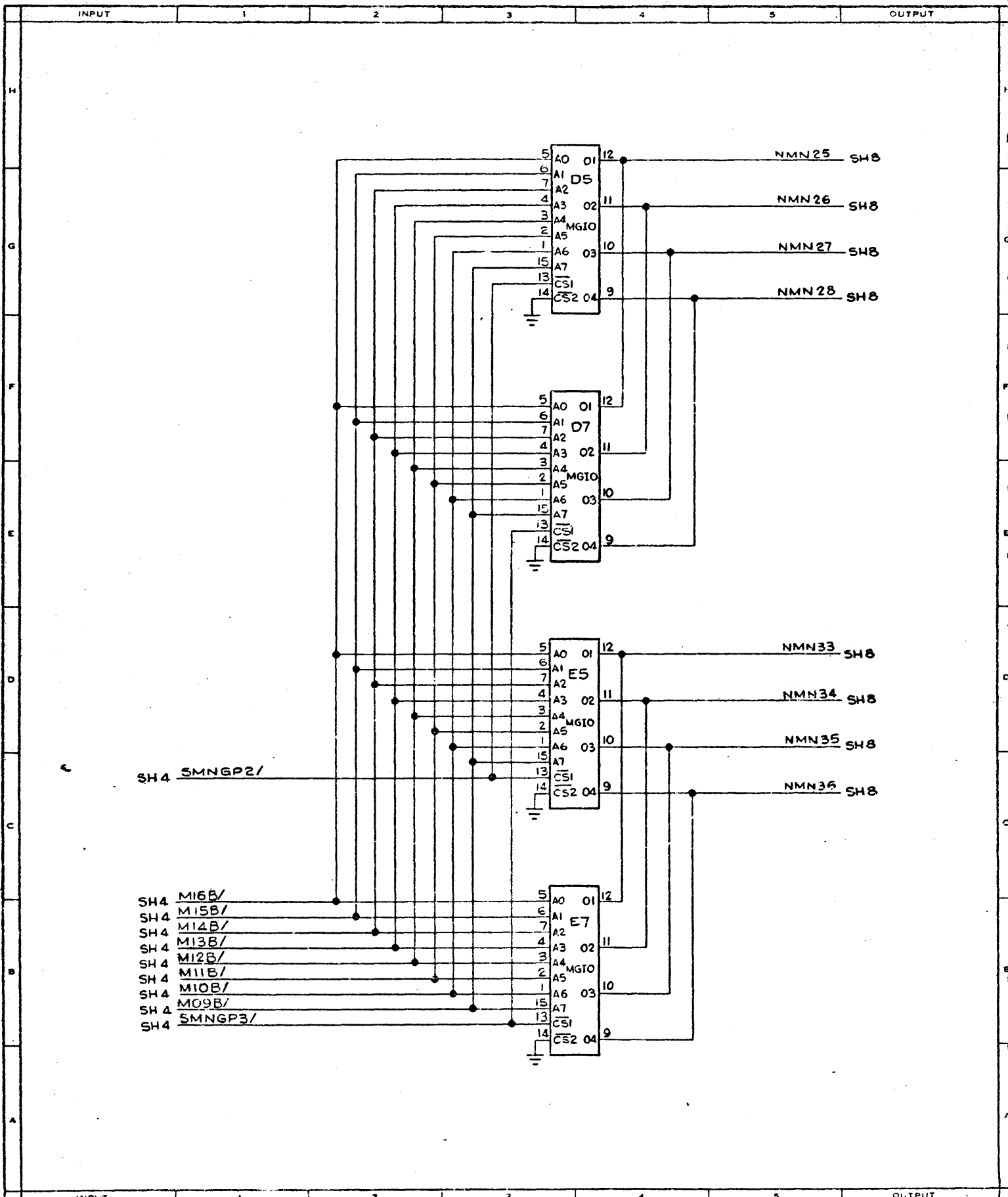
COMPUTER SYSTEMS GROUP DOWNTOWN PLANT
 DOWNTOWN, PA. 19333 U.S. AMERICA

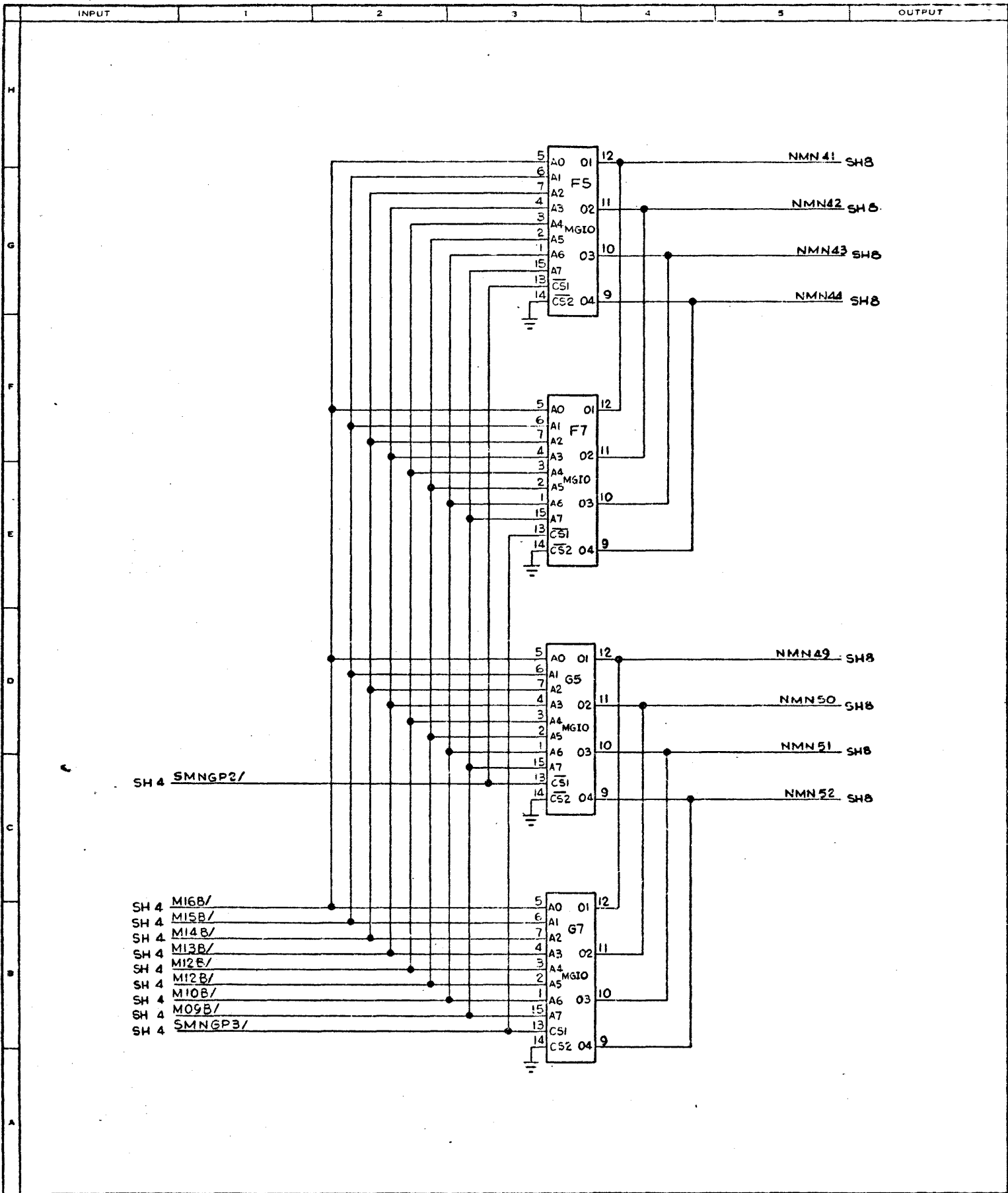
REVISIONS

TITLE		CLASS CODE	
NMA		2-9520	
SHEET	DWG NO	PLT NO	REV
131	5	2608 1828	038 B

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SMALL SYSTEMS GROUP DOWNINGTOWN PLANT
DOVER, PENNSYLVANIA 19333 U.S.A.

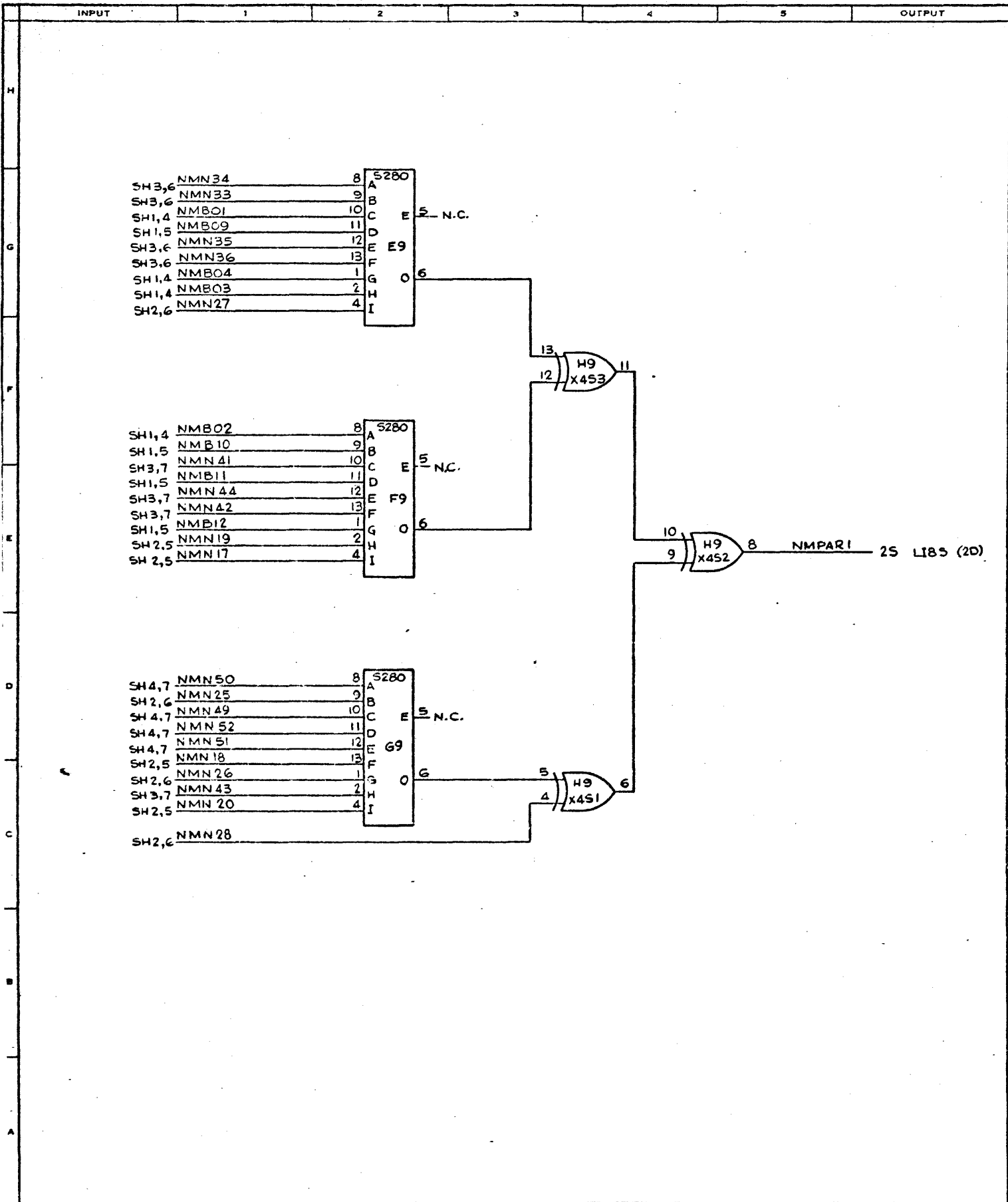
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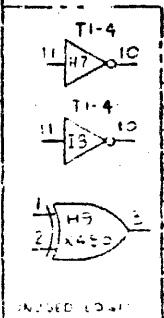
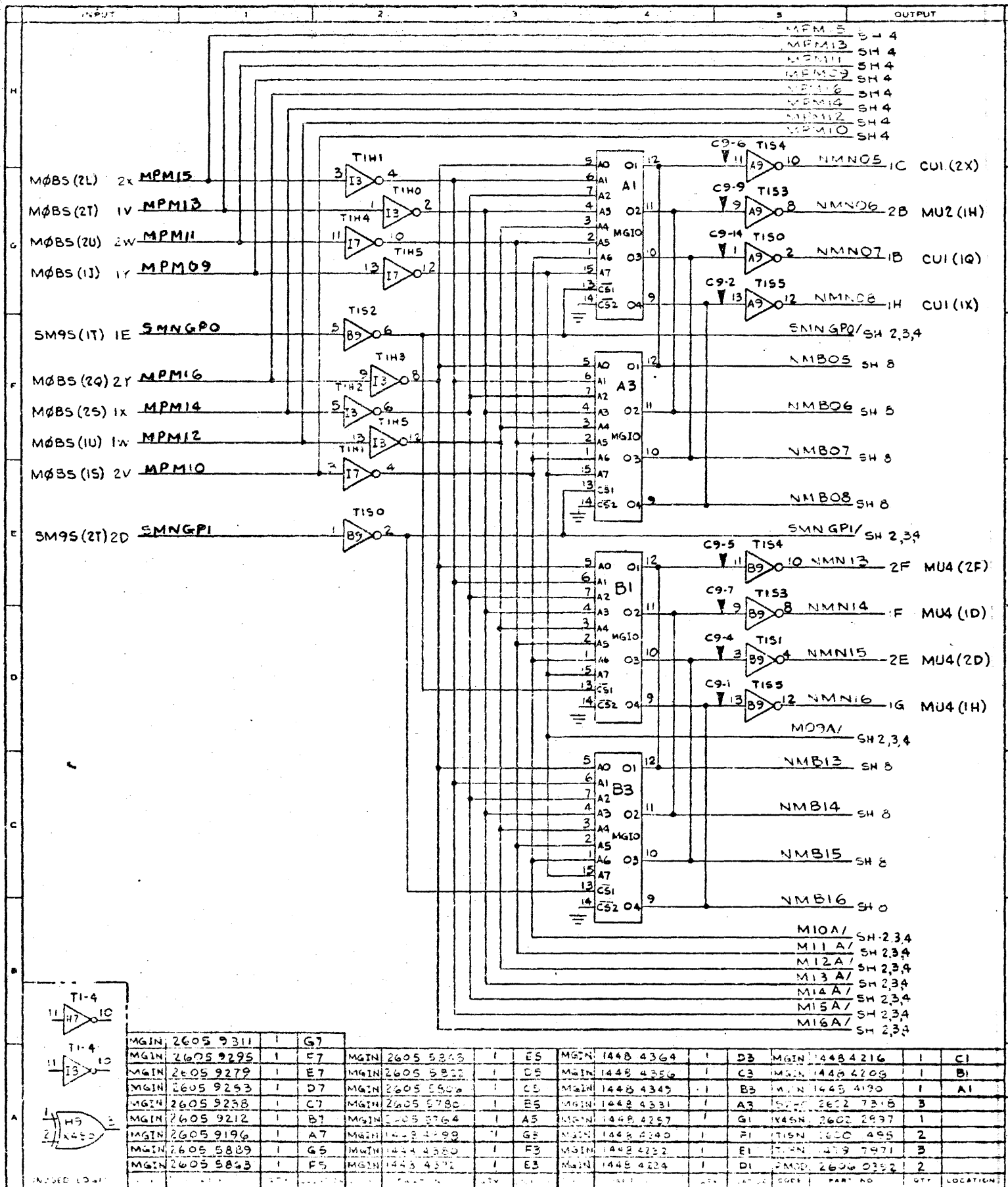
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133

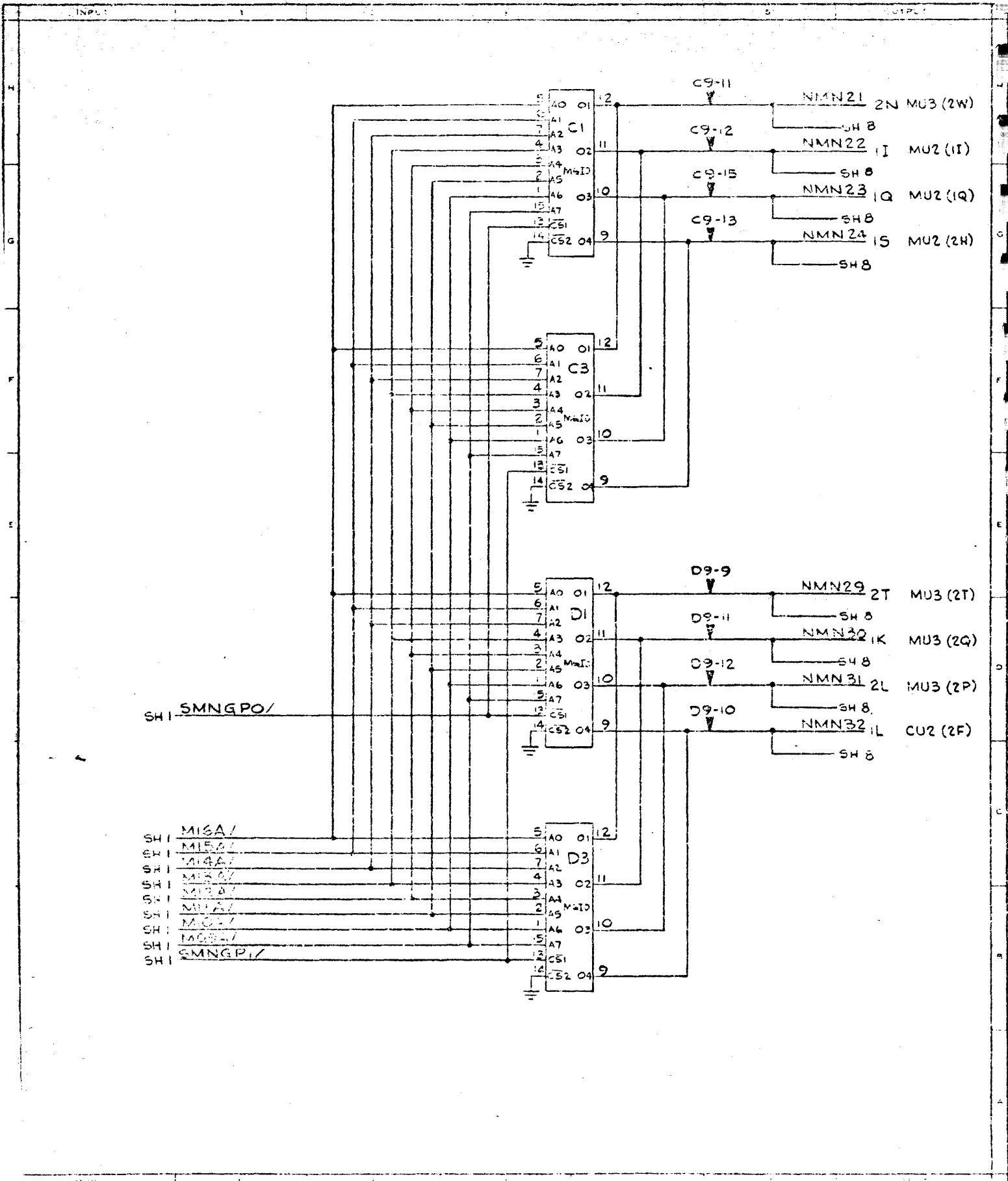
DRAWING 44131 25-072

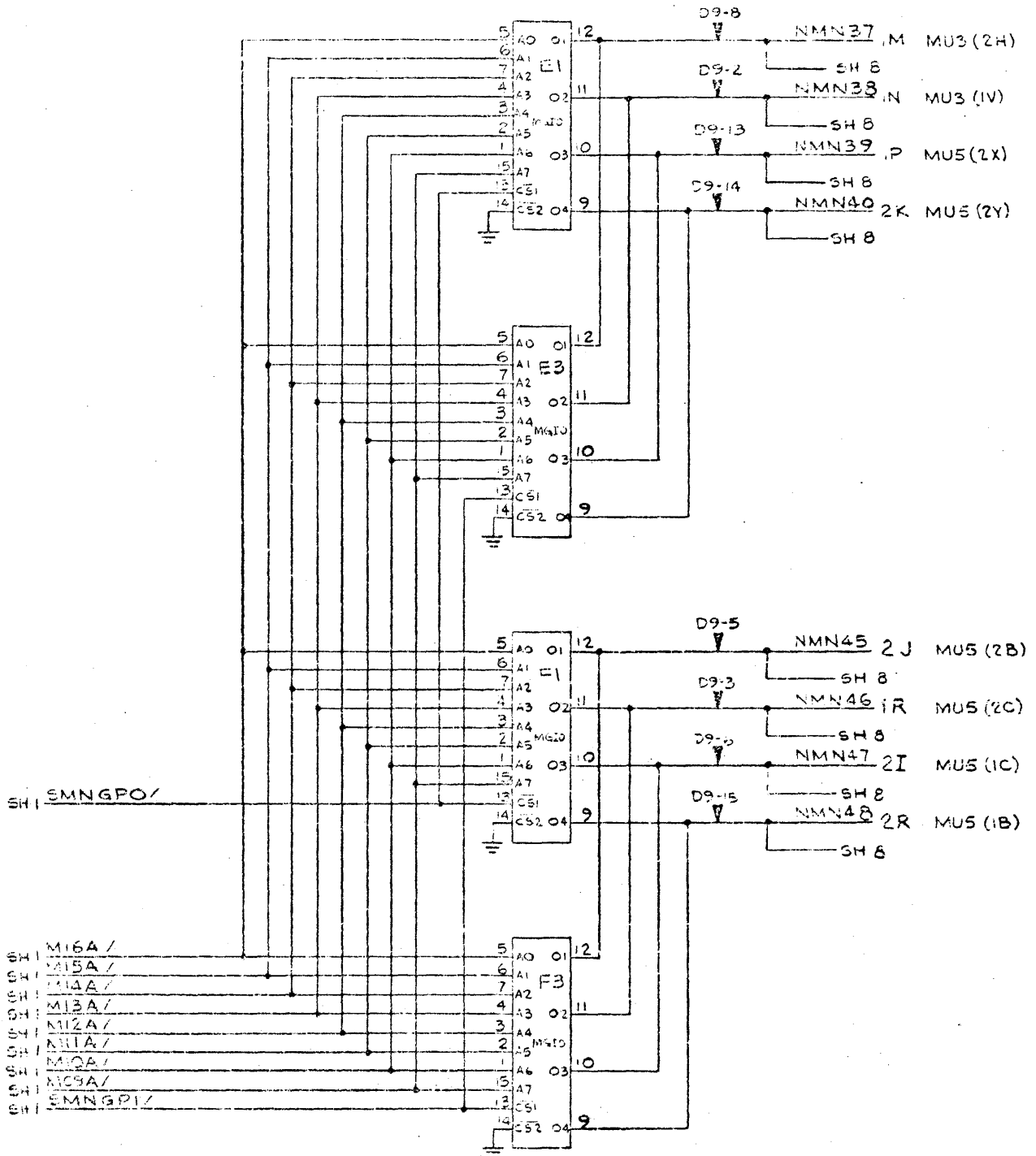
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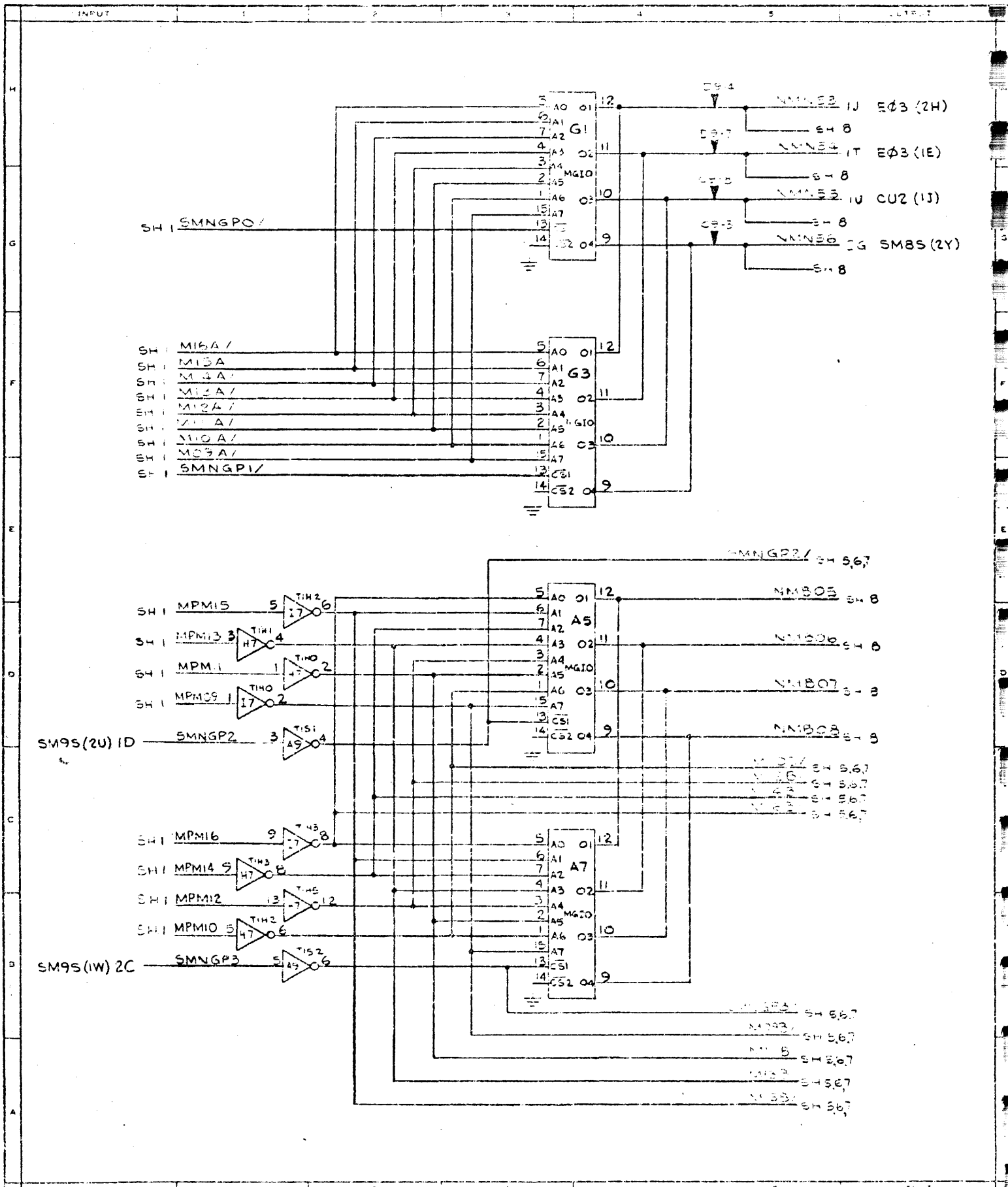


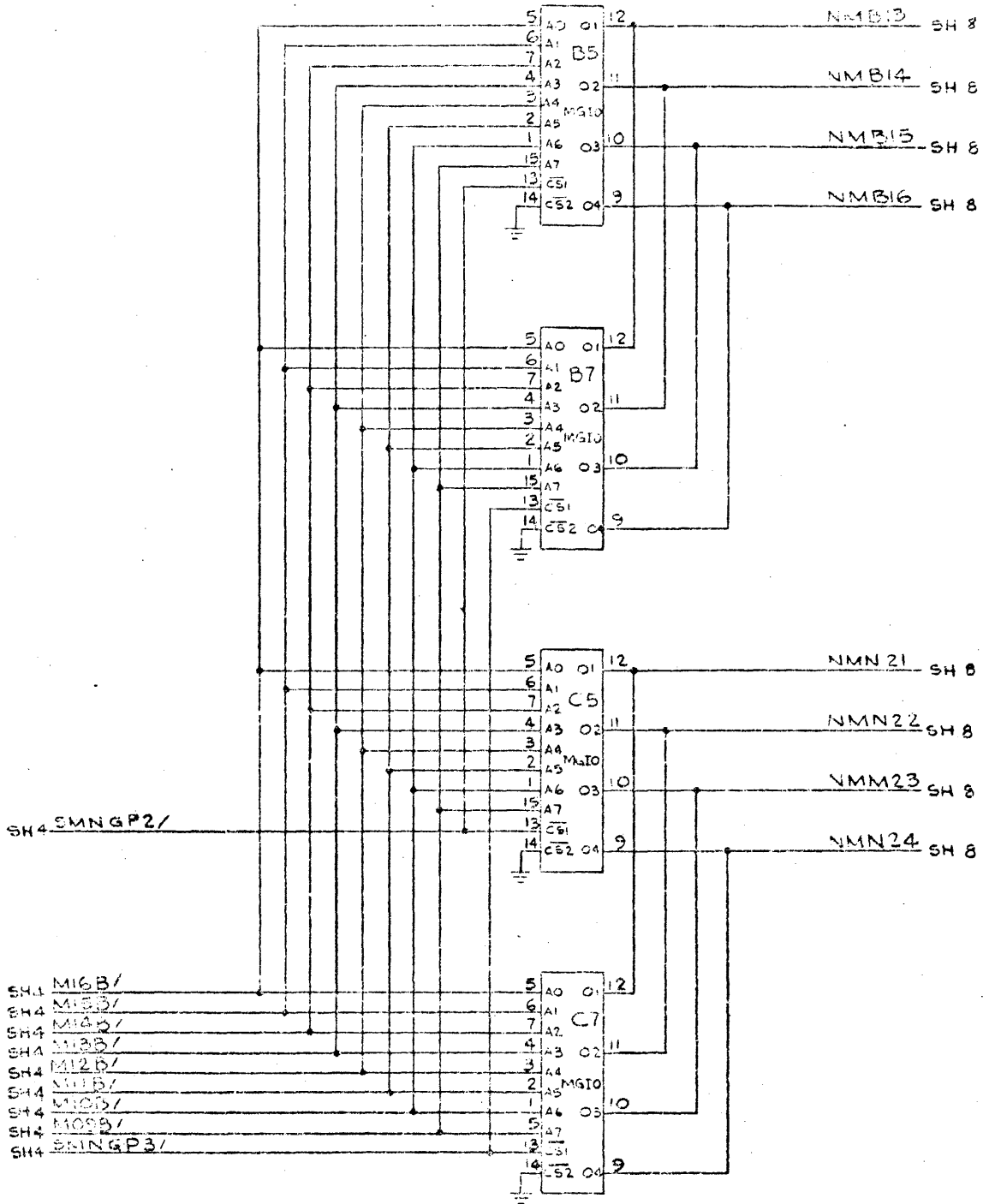


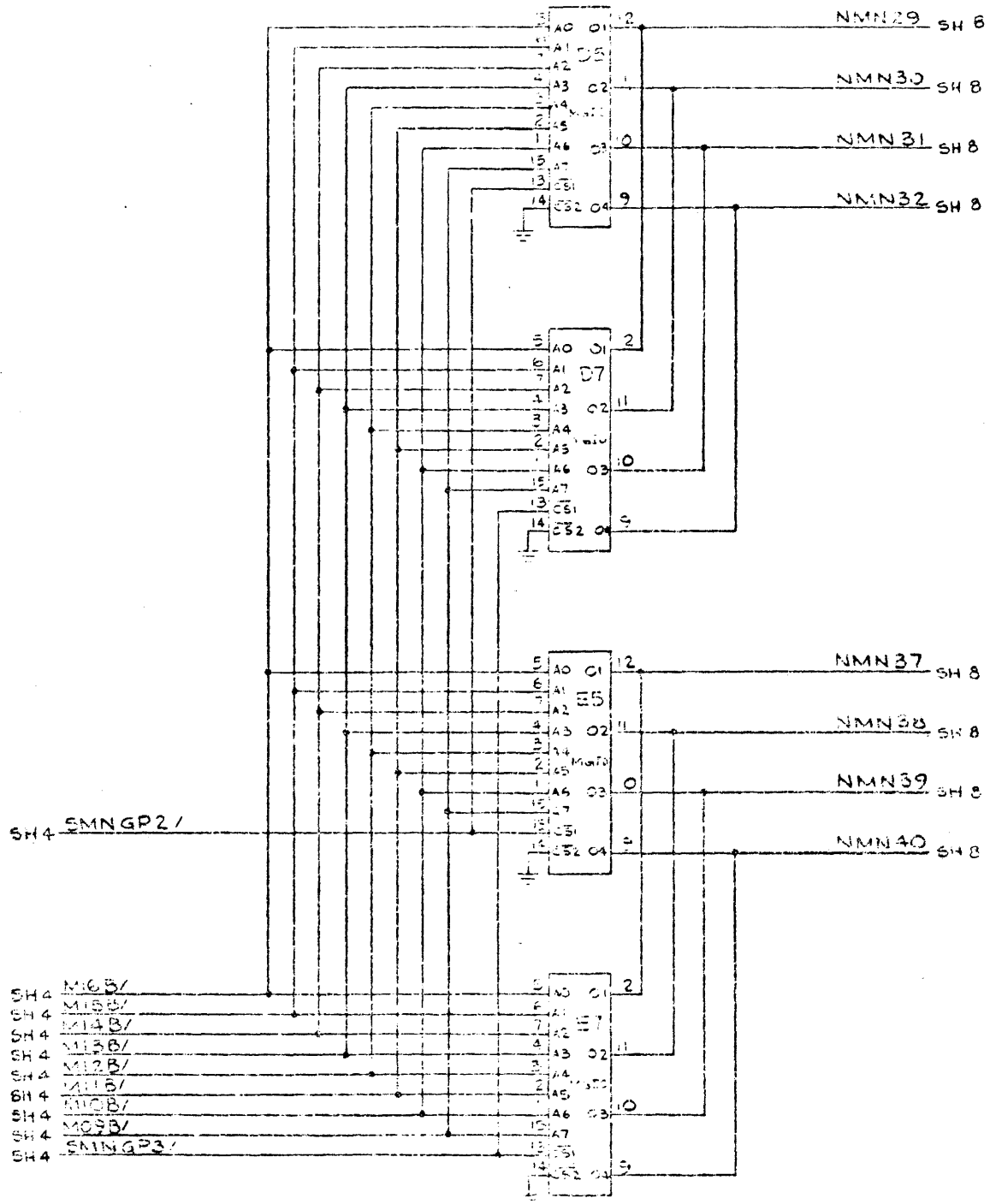
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MGIN	2605 9258	1	C7	MGIN	2605 5780	1	BS	MGIN	1448 4331	1	A3	MGIN	2602 7318	3	
MGIN	2605 9212	1	B7	MGIN	2605 5764	1	A5	MGIN	1448 4257	1	G1	MGIN	2602 2937	1	
MGIN	2605 9196	1	A7	MGIN	1448 4349	1	GS	MGIN	1448 4340	1	FI	MGIN	2602 495	2	
MGIN	2605 5889	1	G5	MGIN	1448 4350	1	F3	MGIN	1448 4252	1	E1	MGIN	2602 7971	3	
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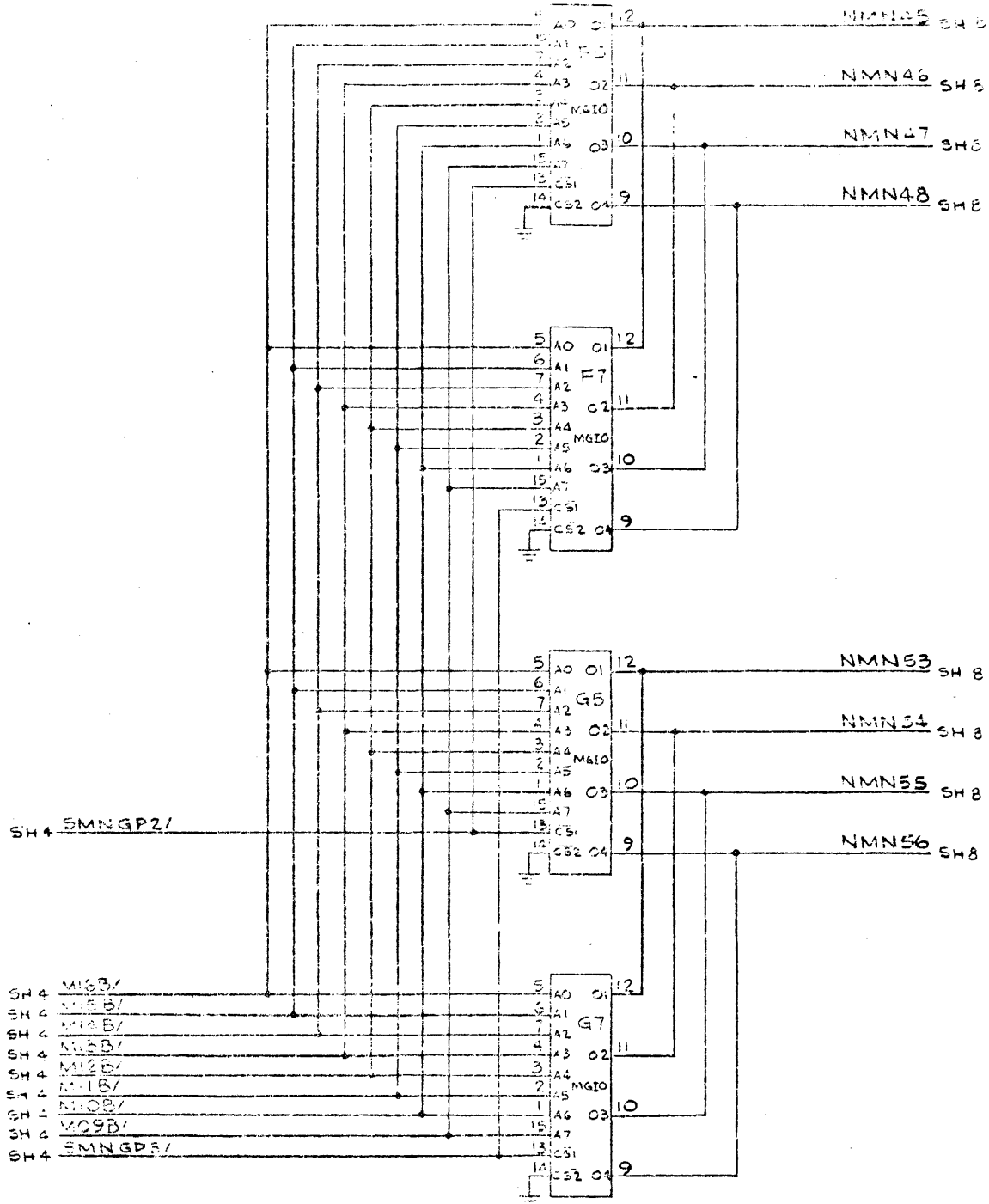


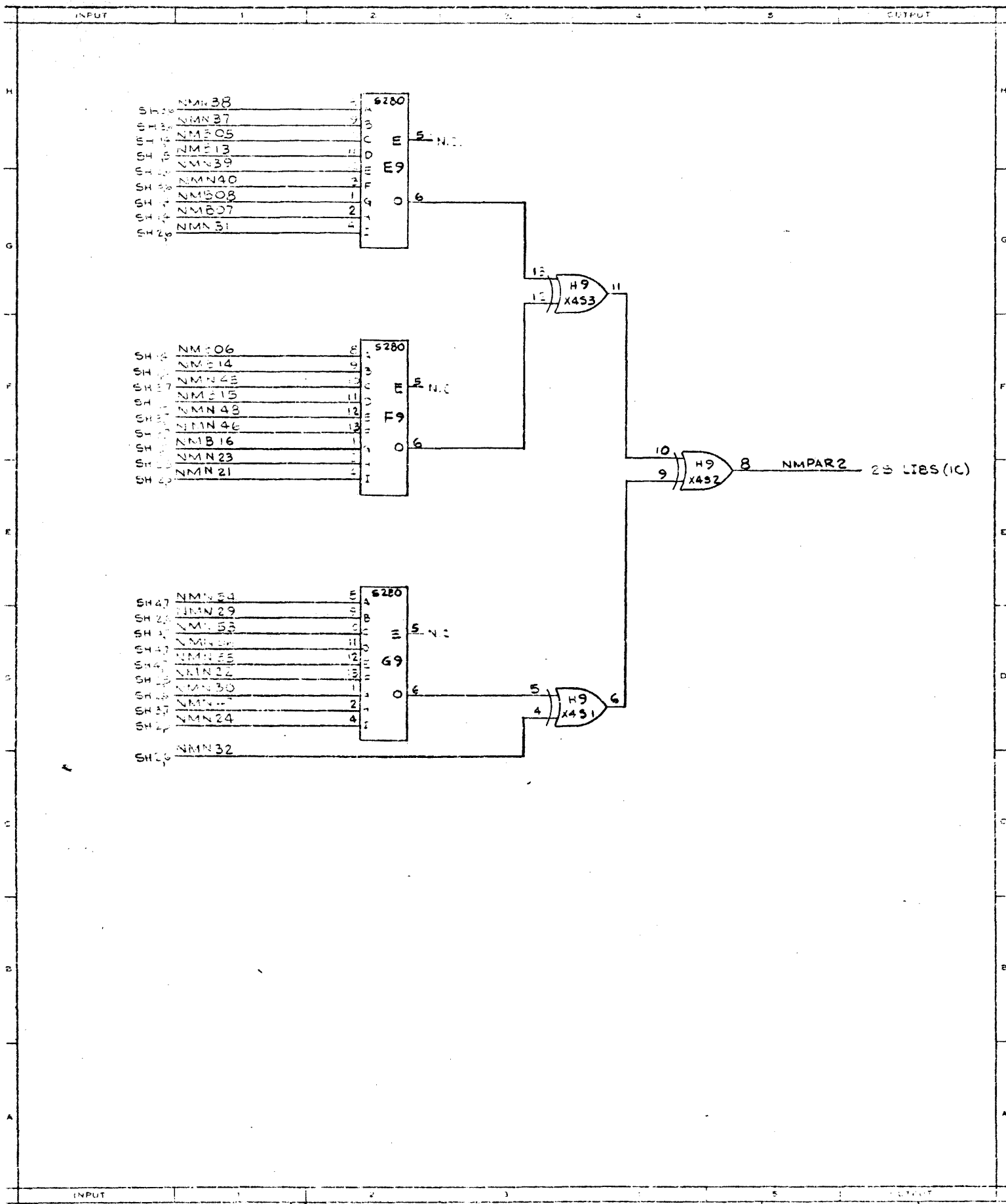










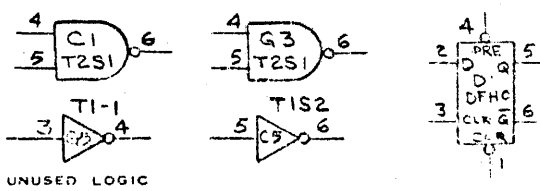
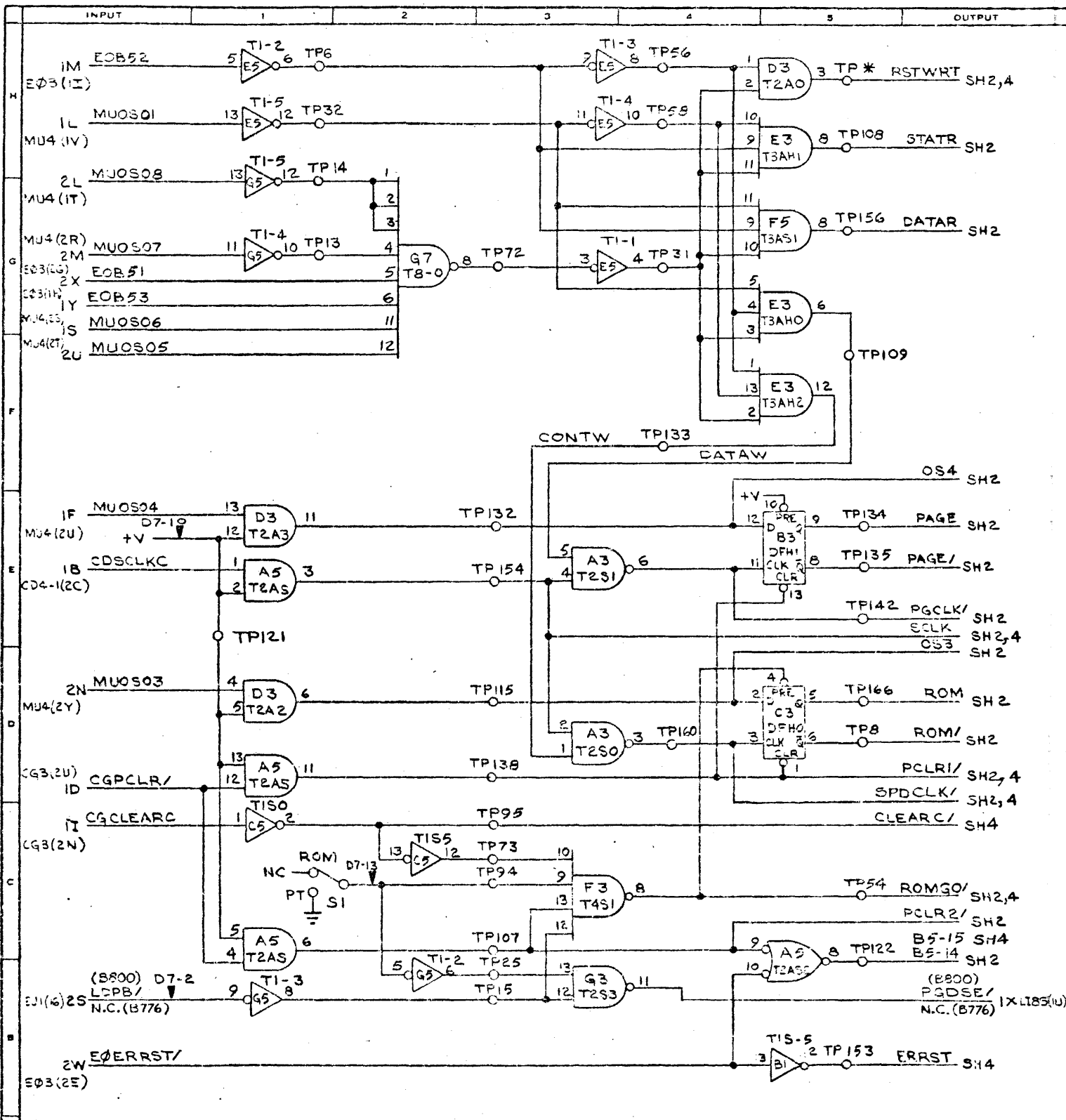


Burroughs Corporation

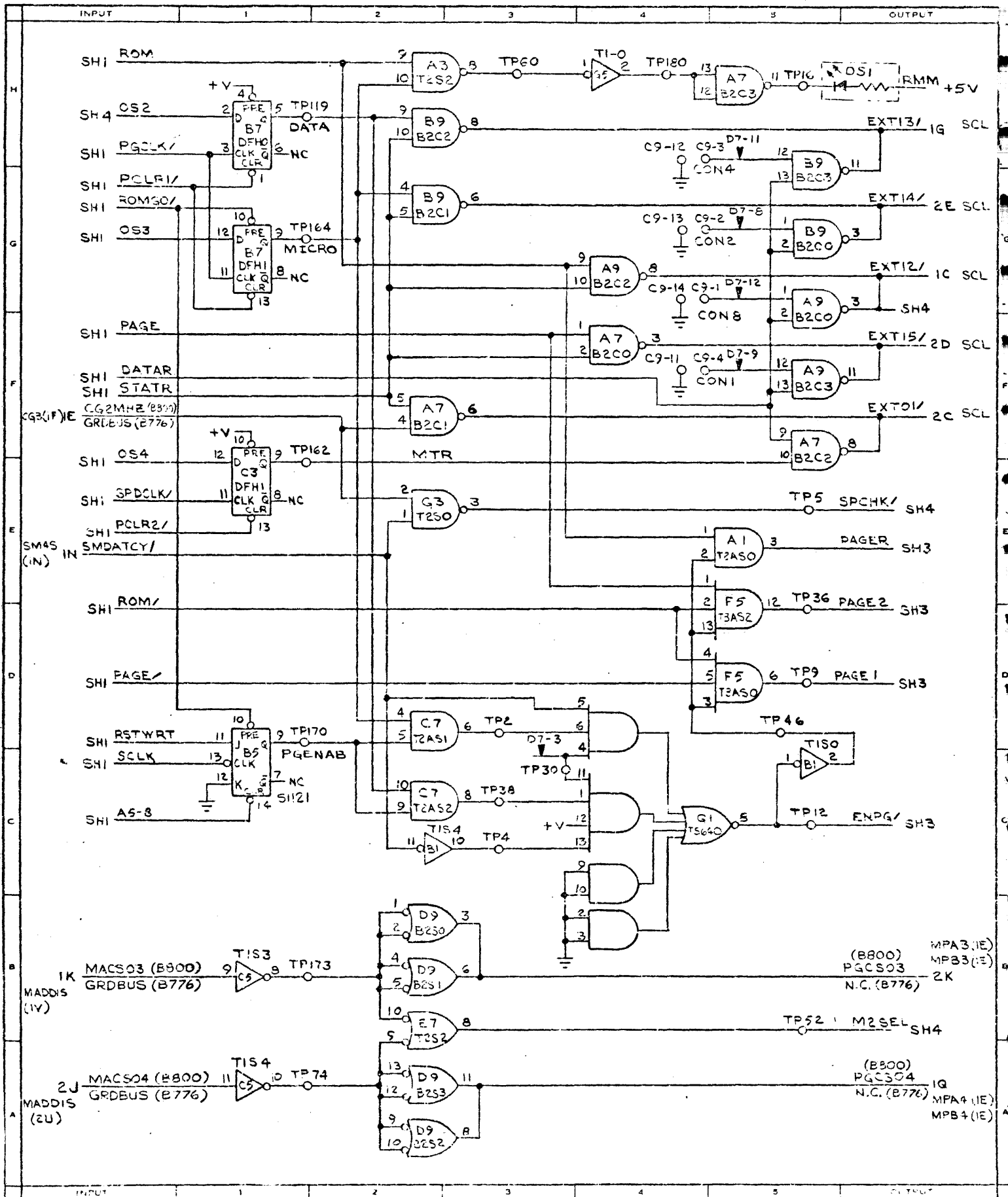
COMPUTER SYSTEMS GROUP
 DUNELAND, NEW JERSEY 07001
 2-9522

142

2-9522
 10-011 B



REV	IC	C	C	C	REV	IC	C	C	C
1	T2AN	1447	3524	1		TISN	2609	1195	2
2	TI-N	1447	3532	2		T2A	30	1511	1
3	T2AN	1447	3557	1		T2A	30	1511	1
4	T2AN	1447	3573	1		T2A	30	1511	1
5	EOBN	1447	3581	3		T2A	30	1511	1
6	DFAN	1447	3633	4		T2A	30	1511	3
7	DFAN	1447	3633	1		T2A	30	1511	4
8	DFAN	1447	3633	2		T2A	30	1511	1



Burroughs Corporation

COMPUTER SYSTEMS GROUP
FOUNDRY ROAD
PRINCETON, NJ 08540

DOWNING AND PLANT
U.S. AIR FORCE

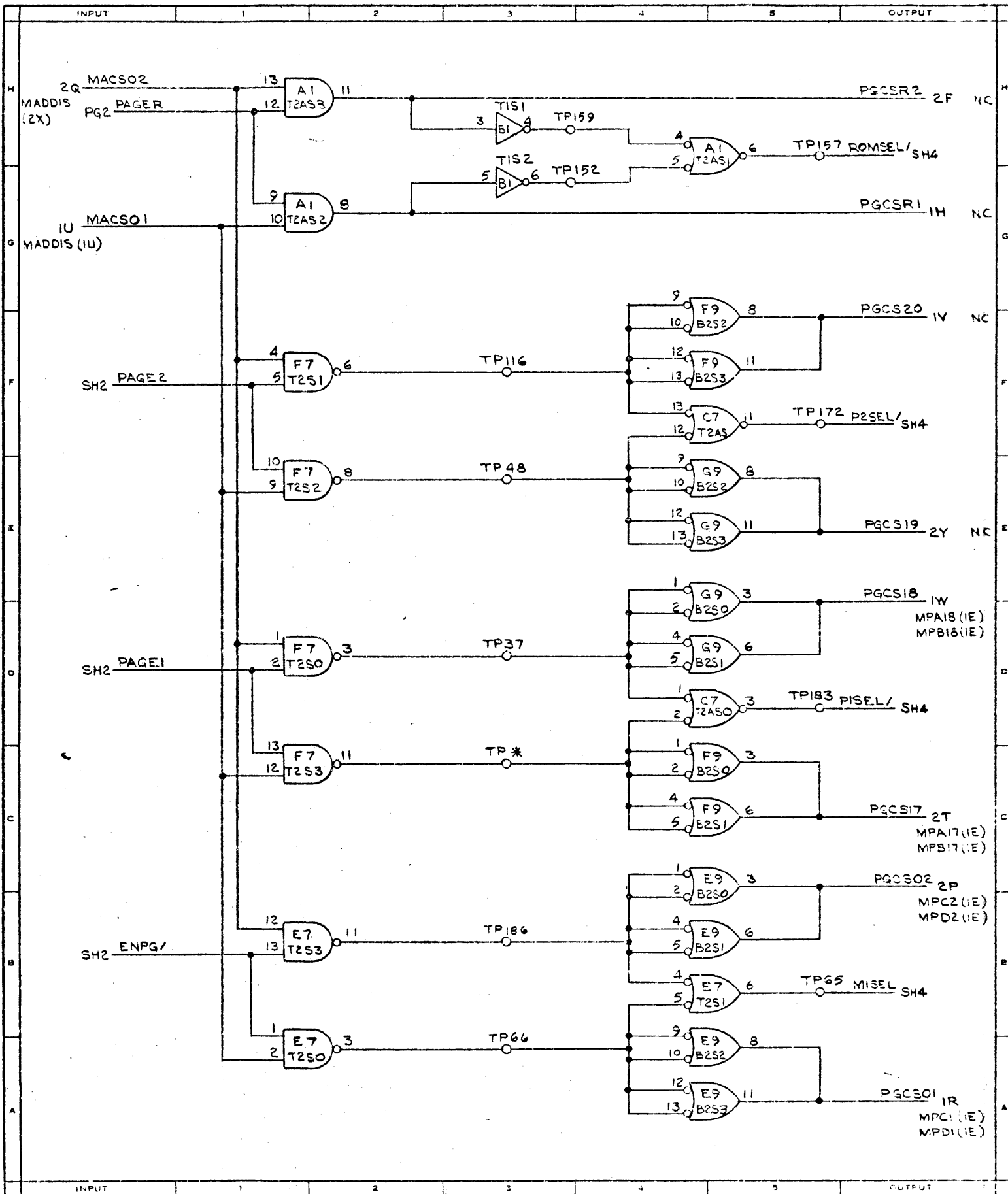
REVISED

PGC

2-9520

144

2-1000-1-74-038



Burroughs Corporation

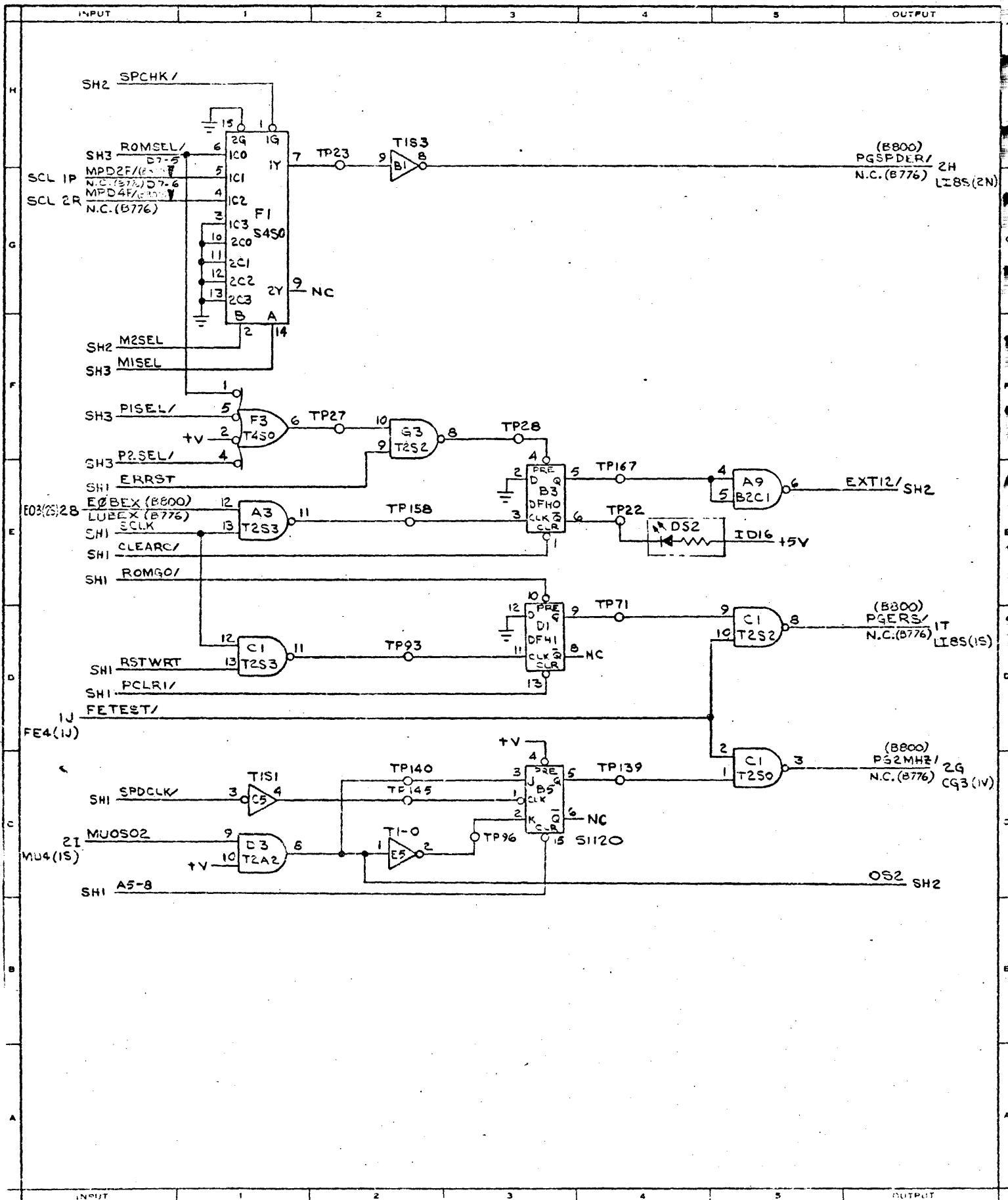
SMALL SYSTEMS GROUP
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 U.S. AMERICA

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TITLE: PGC CLASS: GPC
 2-9520

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DOWNINGTOWN, PA. 19333

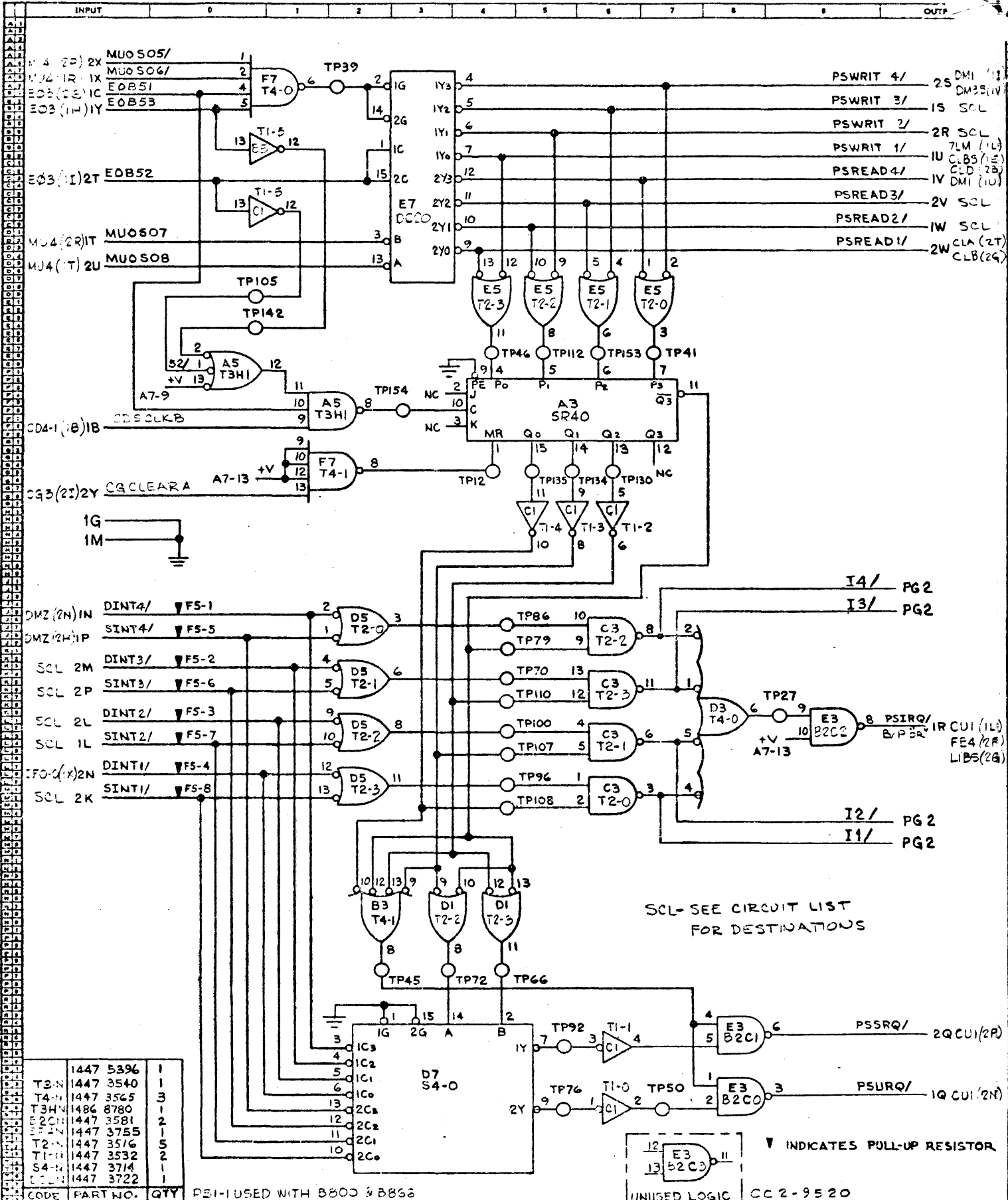
DOWNINGTOWN PLANT
U.S. AMERICA

REVISIONS

DATE	CLASS CODE
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4 13608 6744 038	0

146

SCHEMATIC



	1447 5396	1
T3-N	1447 3540	1
T4-N	1447 3565	3
T3H-N	1486 8780	1
E2C-N	1447 3581	2
E2C-N	1447 3755	1
T2-N	1447 3516	5
T1-N	1447 3532	2
S4-N	1447 3714	1
C2-N	1447 3722	1

PSI-1 USED WITH B800 & B866

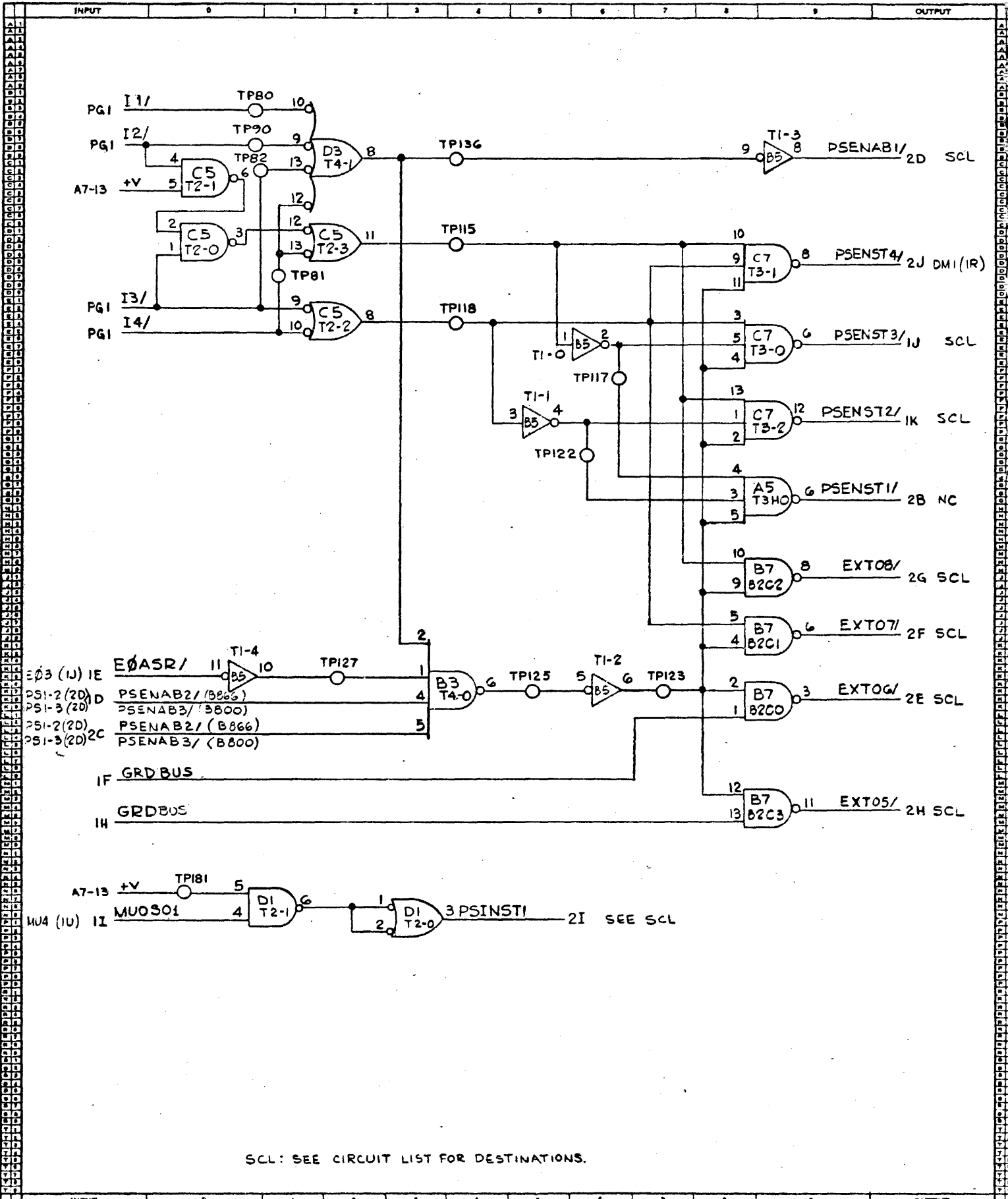
UNUSED LOGIC CC 2-9520

U 2	Burroughs Corporation		TITLE	PSI-1 PORT SELECT UNIT 1	DWG. NO.	1447 8127
U 4	MAGNETIC SYSTEMS PLANT DOWNTOWN, PA 19336		SYSTEM		PAGE	1 OF 1
U 6	PROPERTY OF BURROUGHS CORPORATION NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT PERMISSION OF BURROUGHS CORPORATION		APPROVED	9-27-72	CHECKED	F.S.
U 8			DESIGNED	P. DINSERMAN	RELEASED	10-20-71

PRODUCTION

REV. LETTER L

SCHMATIC



SCL: SEE CIRCUIT LIST FOR DESTINATIONS.

INPUT 0 1 2 3 4 5 6 7 8 9 OUTPUT

Burroughs Corporation
 MAGNETIC SYSTEMS PLANT DOWNINGTOWN, PA 19338
 PROPERTY OF BURROUGHS CORPORATION TO BE RETURNED IF NOT USED FOR THE INTENTED PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN COMMENT

PRODUCTION

TITLE PSI-1 PORT SELECT UNIT 1
 SYSTEM DRAWN
 APPROVED 9-27-72 P. DINERMAN

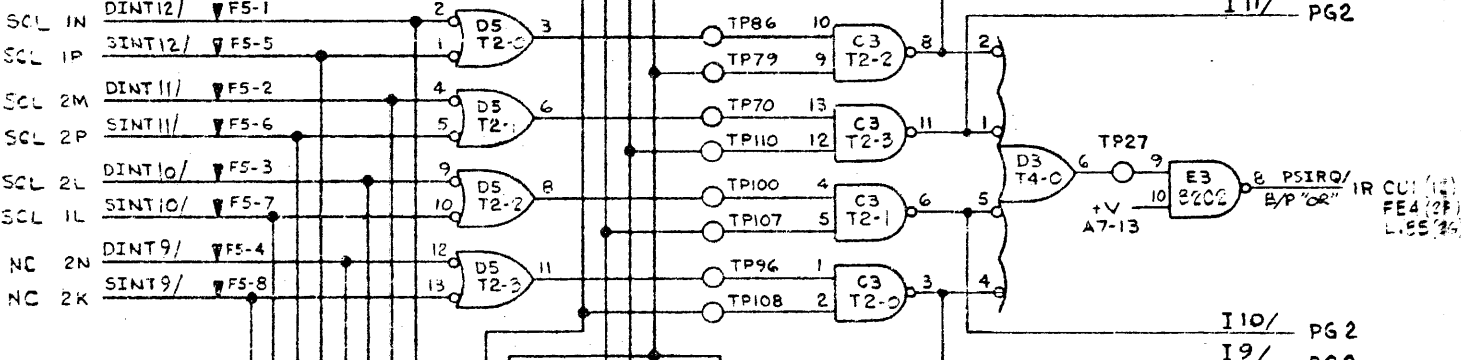
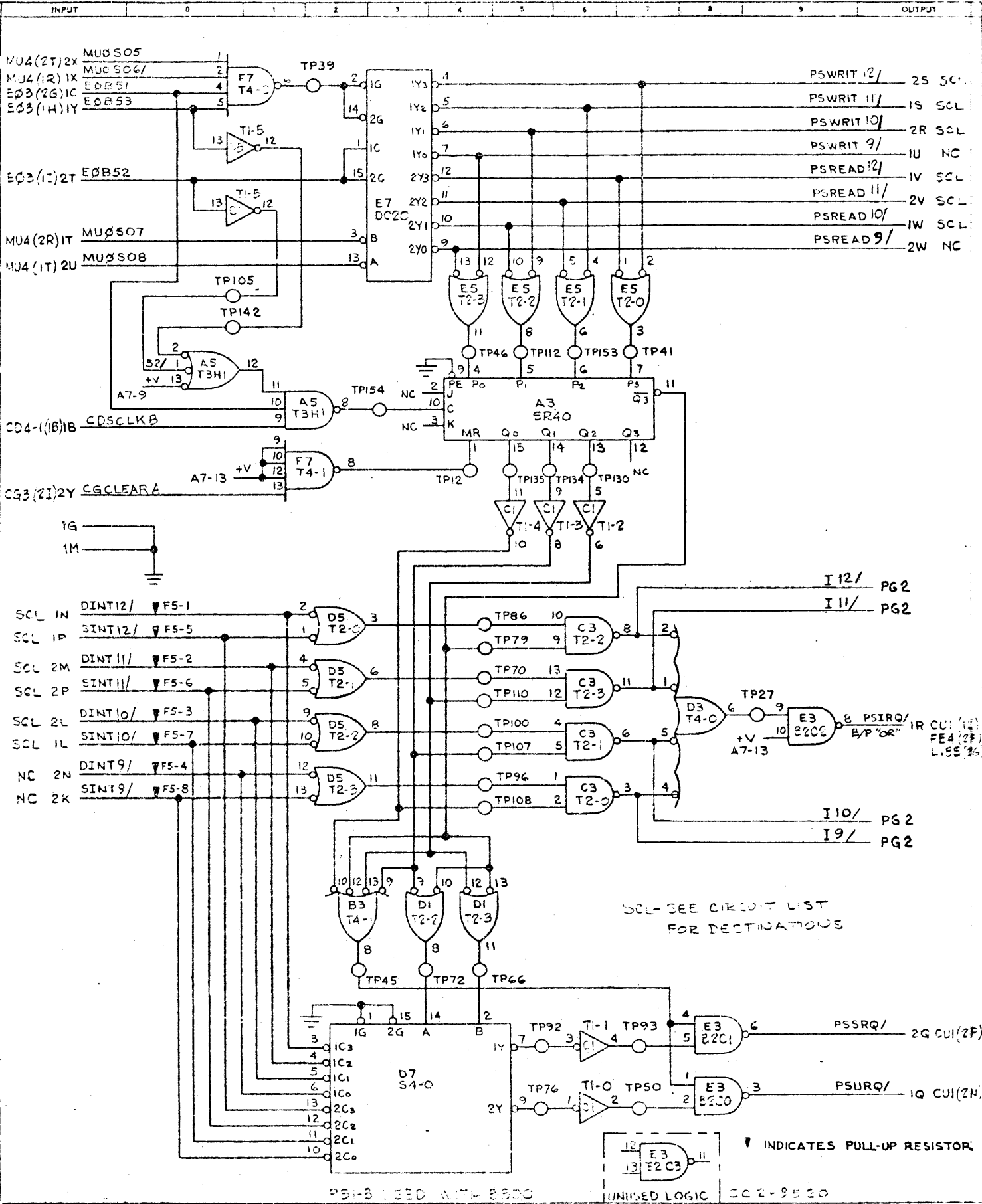
CHECKED F. S. RELEASED 10-20-71
 REV. LETTER L ECM 527

DWG. NO. 1447 8127
 PAGE 2 OF

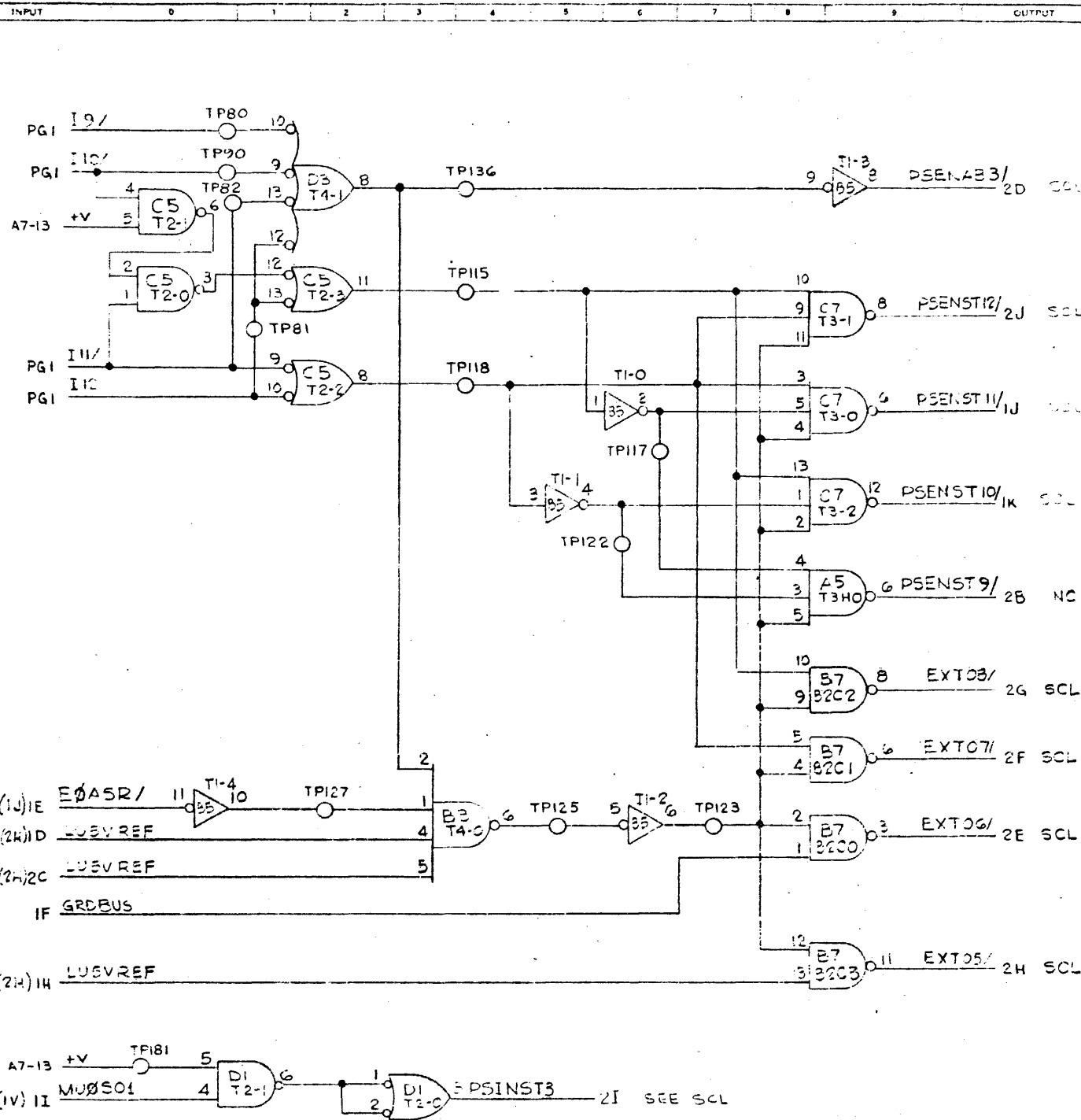
148

PRINTED IN U.S.A.

SCHEMATIC



SCHMATIC



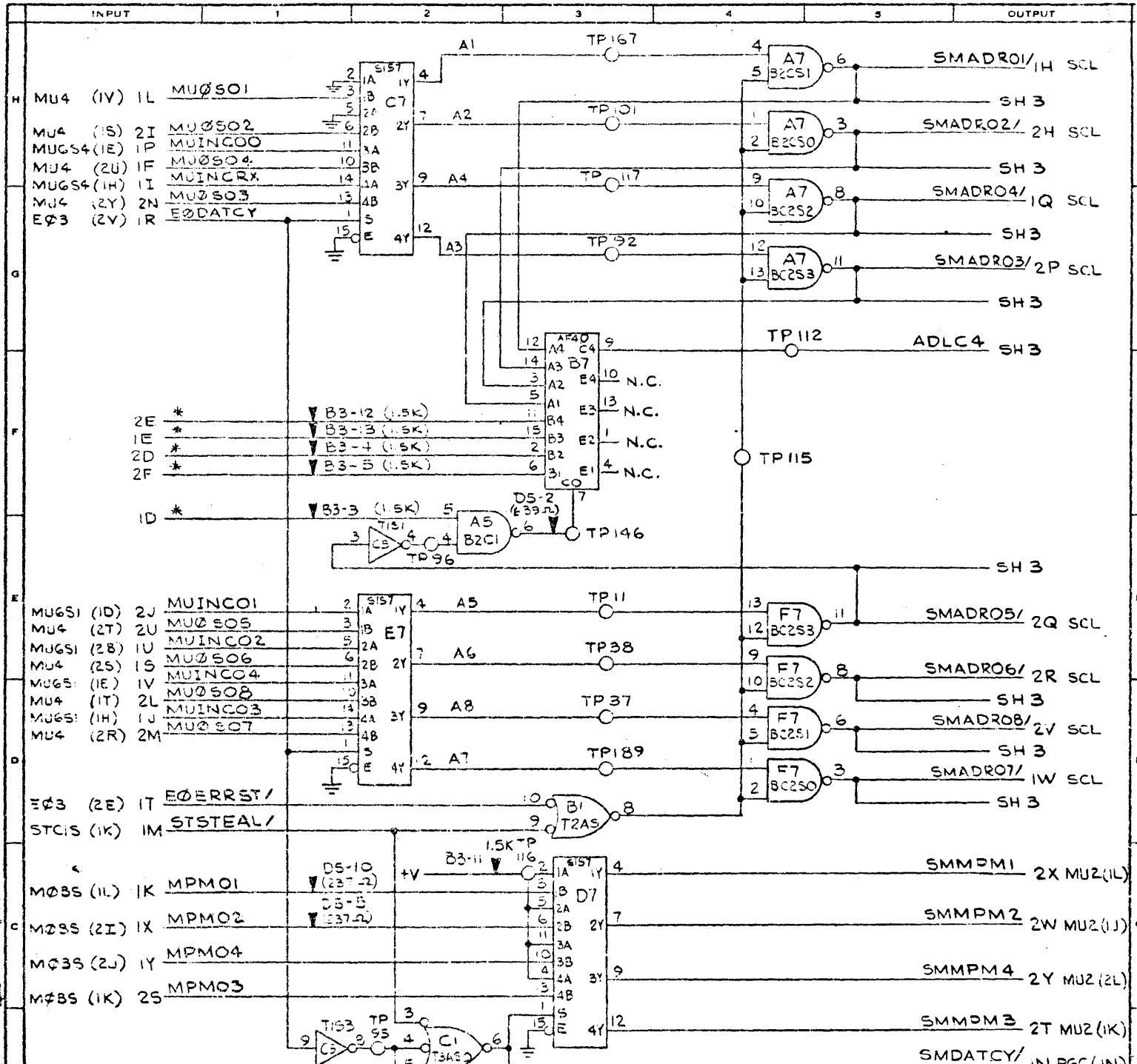
SEE CIRCUIT LIST FOR DESIGNATIONS.

INPUT 0 1 2 3 4 5 6 7 8 9 OUTPUT

Burroughs Corporation
 MAGNETIC SYSTEMS PLANT
 QUAKERTOWN, PA. 19380

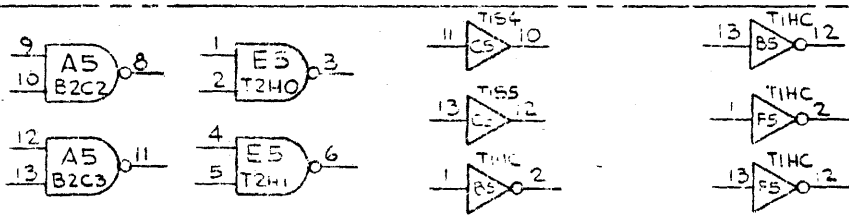
TITLE: PSIB PORT SELECT UNIT 1
 SYSTEM
 DRAWN BY: []
 CHECKED BY: []
 APPROVED BY: []
 RELEASED

DWG NO. 447 8127
 PAGE 2 OF 5
 REV LETTER []

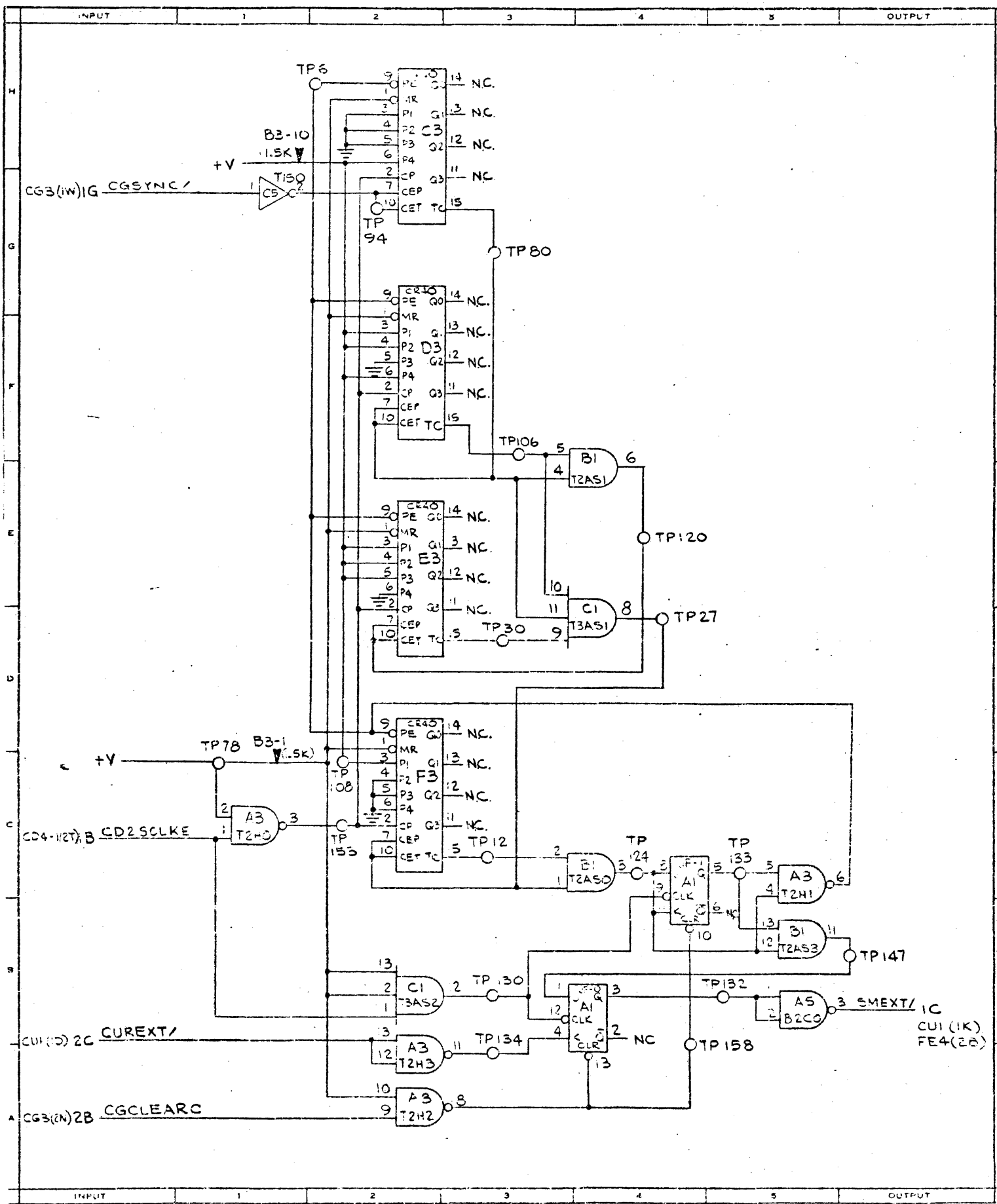


* SEE INSTALLATION INSTRUCTION
2605 0104 FOR WIRING OF THESE PINS.
▼ INDICATES PULL-UP RESISTOR.

TIHC	2470	1732	2	
B2C5	289	7751	2	
EMOD	448	2319	1	
EMOD	447	5336	1	
TECN	479	0240	2	
IFAN	447	3615	1	
T154	2600	1493	1	
T2AS	2604	6305	1	
T2AS	2600	311	1	
IFAN	2600	877	1	
ELCN	447	5551	1	
IFAN	447	2771	4	
E03	2602	2331	3	
CODE	PART NO.	QTY	LOCATION	



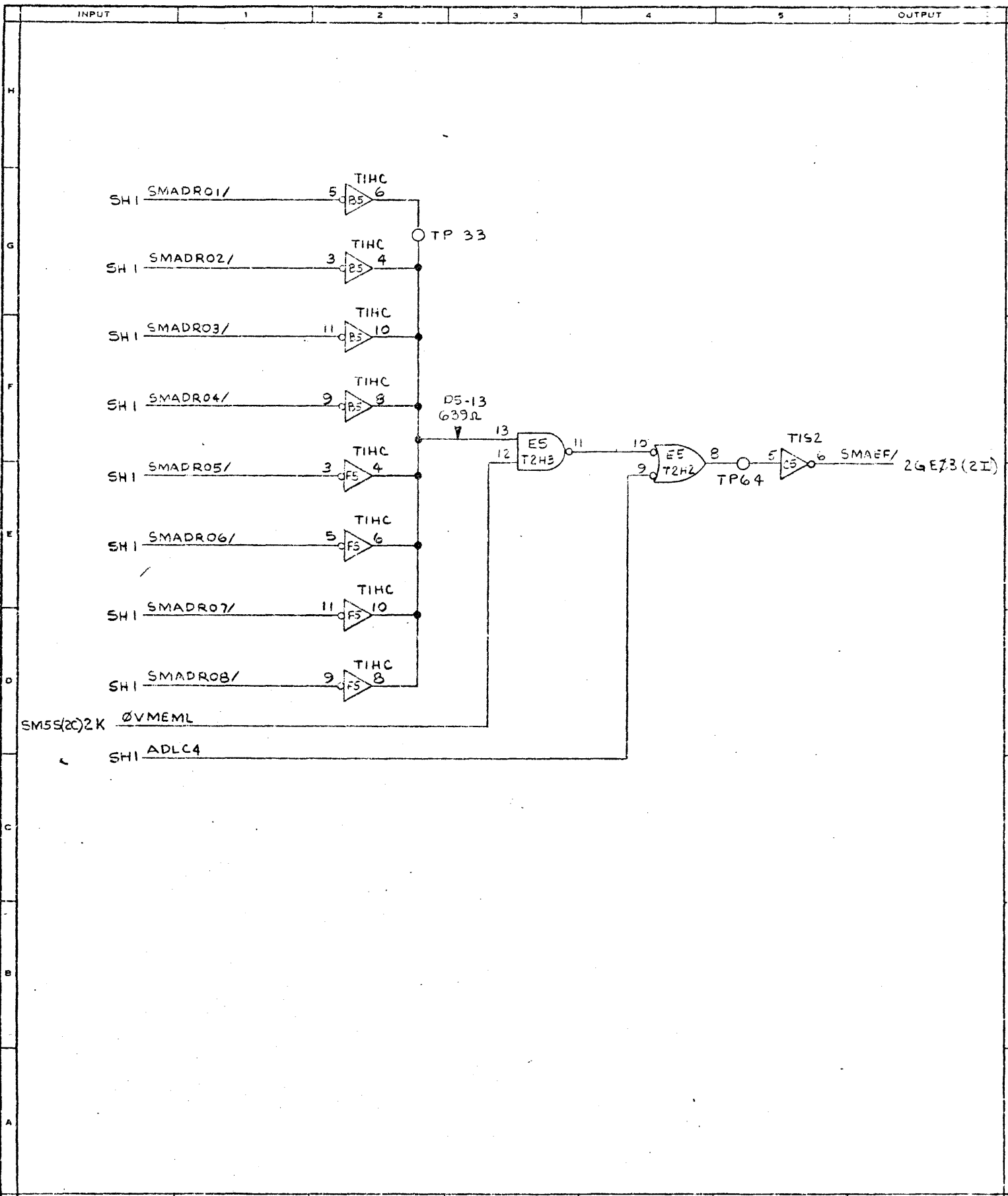
UNUSED LOGIC



DIVISIONS (CONT.)

TITLE	SM35	CLASS CODE	
DRAWN BY	W. J. CONTROL	2-9520	
DATE	10/24/65	038	C

152



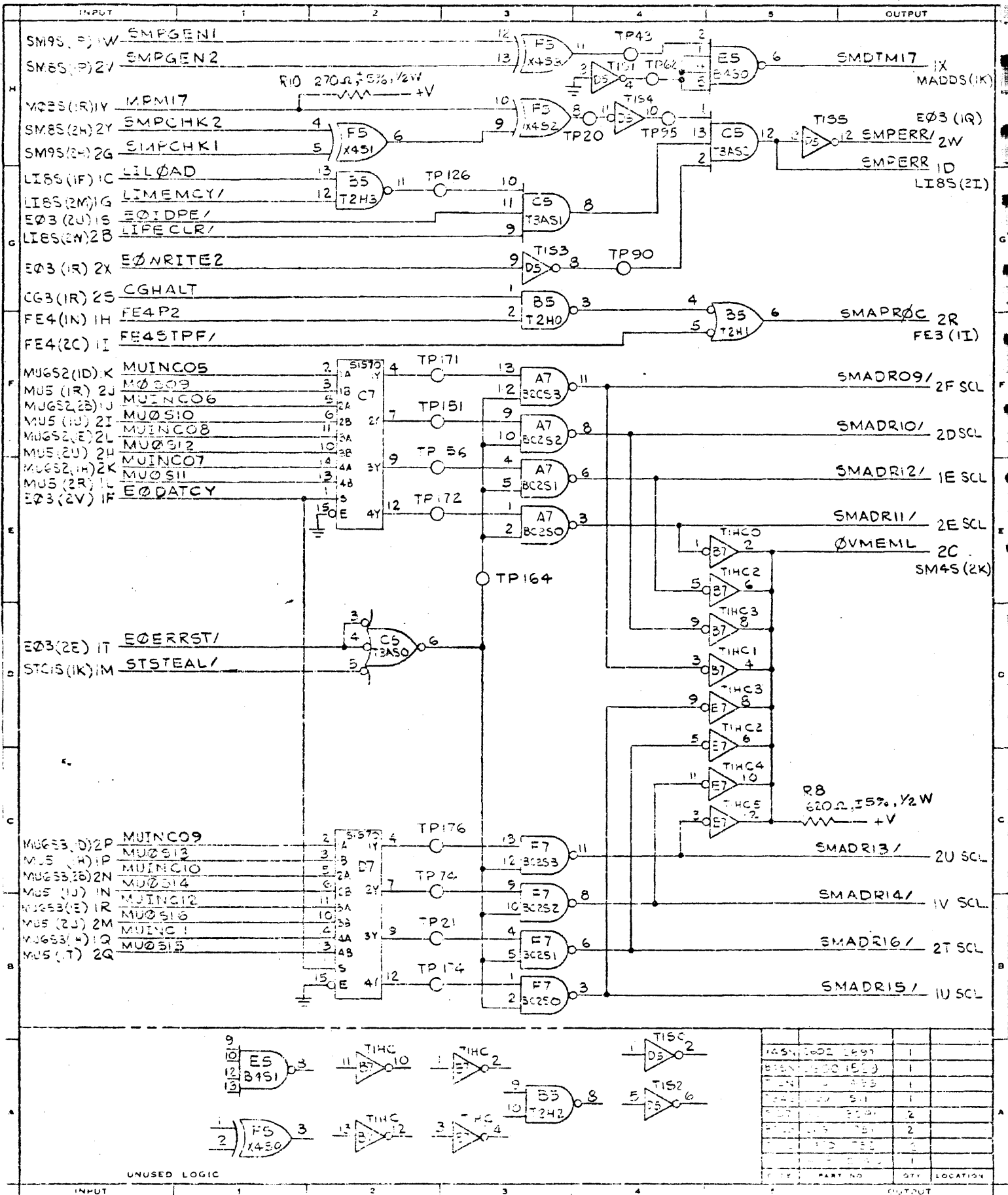
Burroughs Corporation

SMALL SYSTEMS GROUP DOWNTOWN PLANT
 DOWNTOWN, PA 19115 U. S. A.

EVS:ONS ICONT

TITLE	SM442	CLASS CODE	
CHARACTER NUMBER CONTROL		2-9520	
SHEET	3	002482	038

NO. 34137-25002

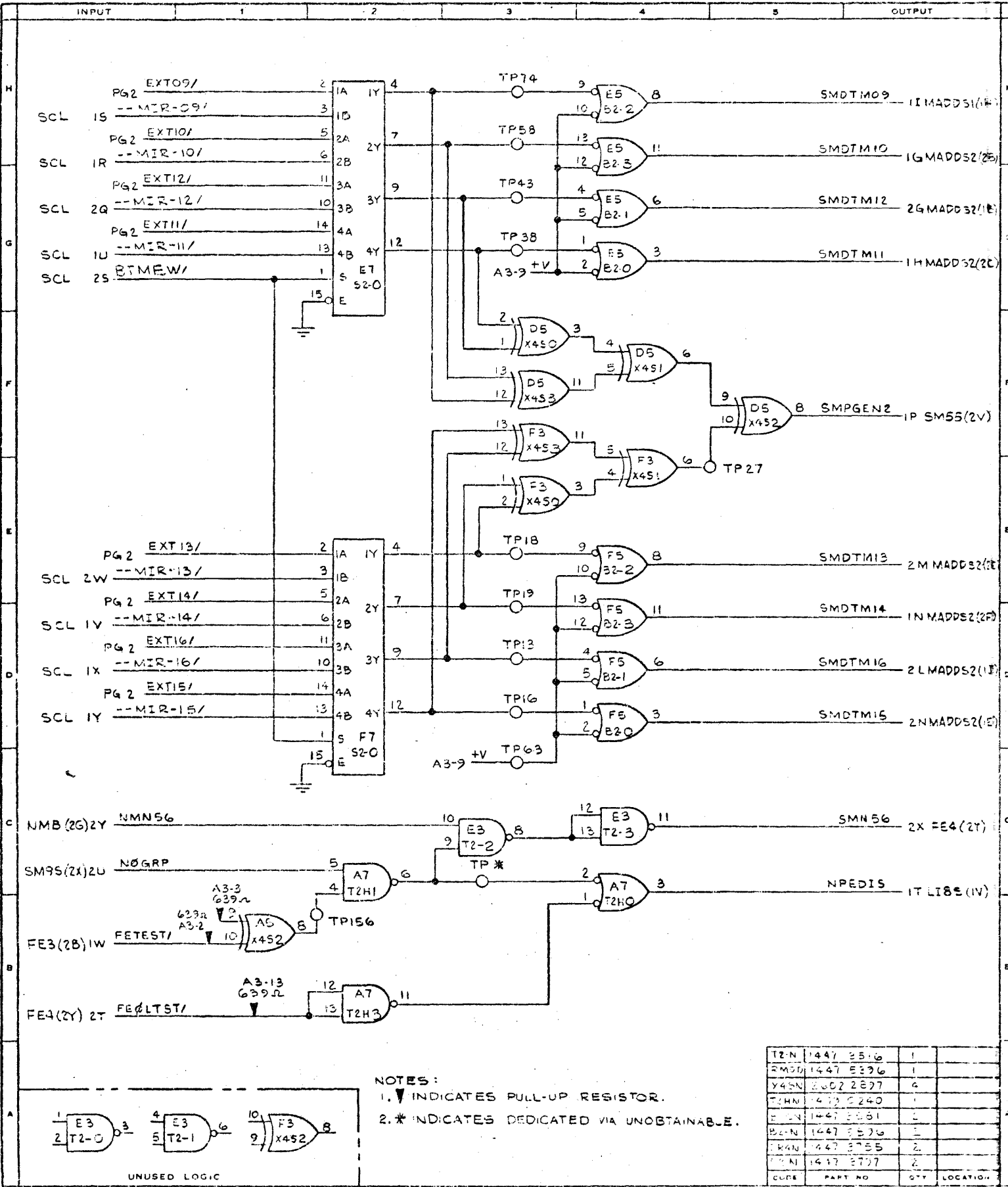


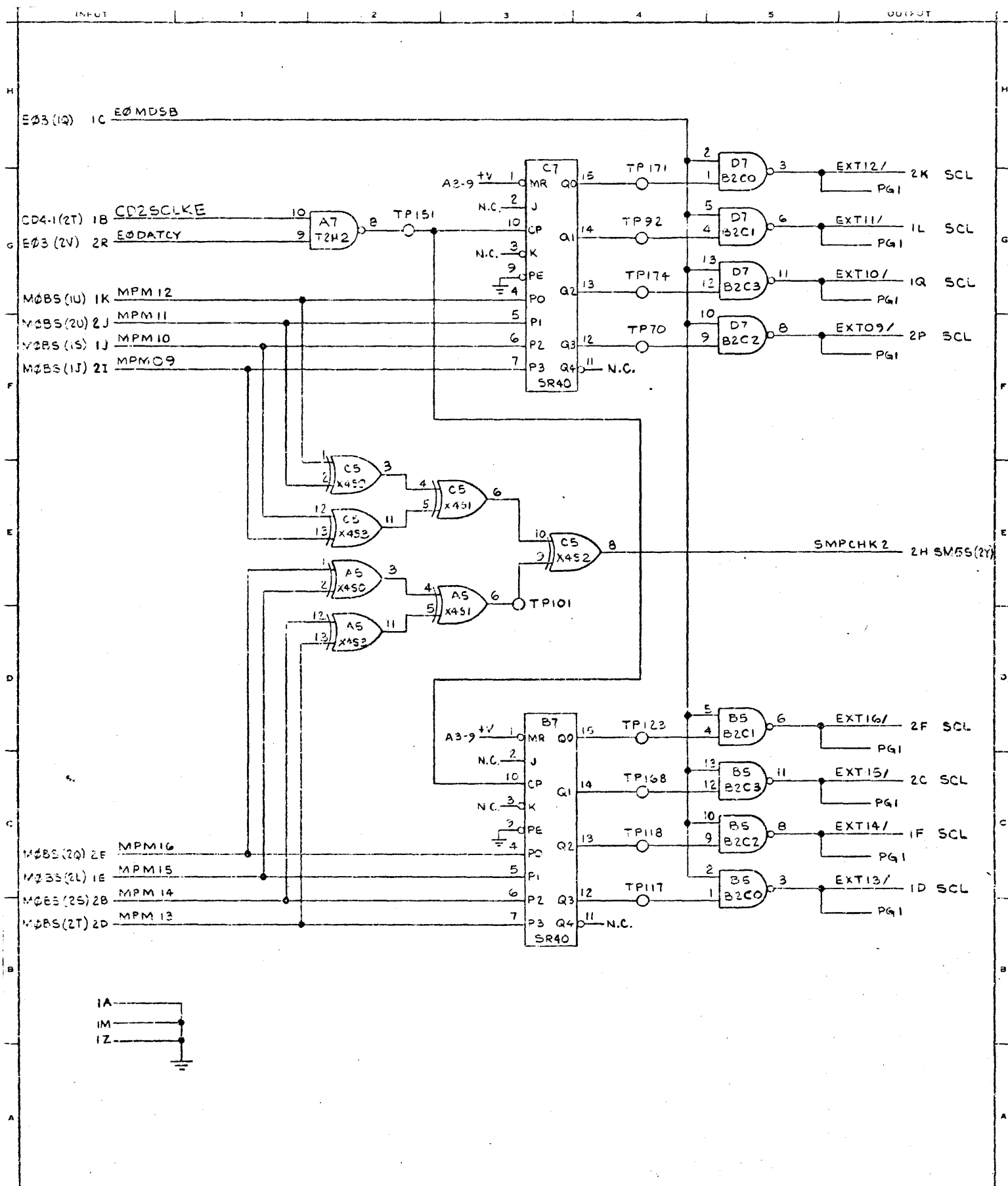
Burroughs Corporation

COMPUTER SYSTEMS GROUP
DOWNTOWN PLANT
DOWNTOWN, PA. 15213
U.S. AMERICA

CLASS NO. 2-9520

154 0381 R

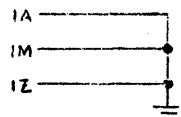
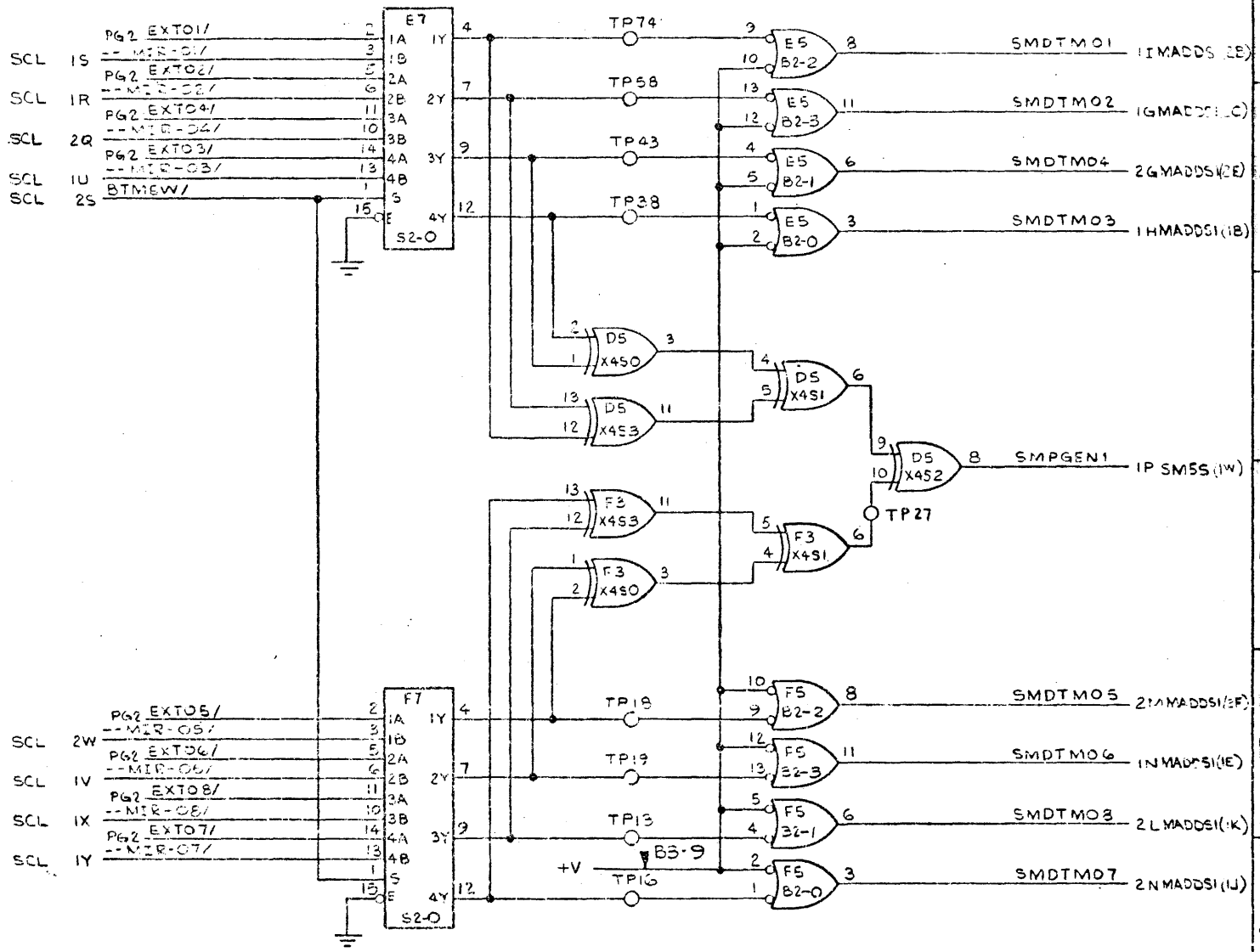




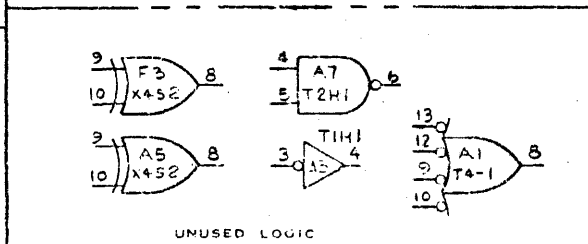
Burroughes Corporation

COMPUTER SYSTEMS GROUP BOWLING GREEN PLANT
 BOWLING GREEN, OHIO 43403 U.S. AMERICA

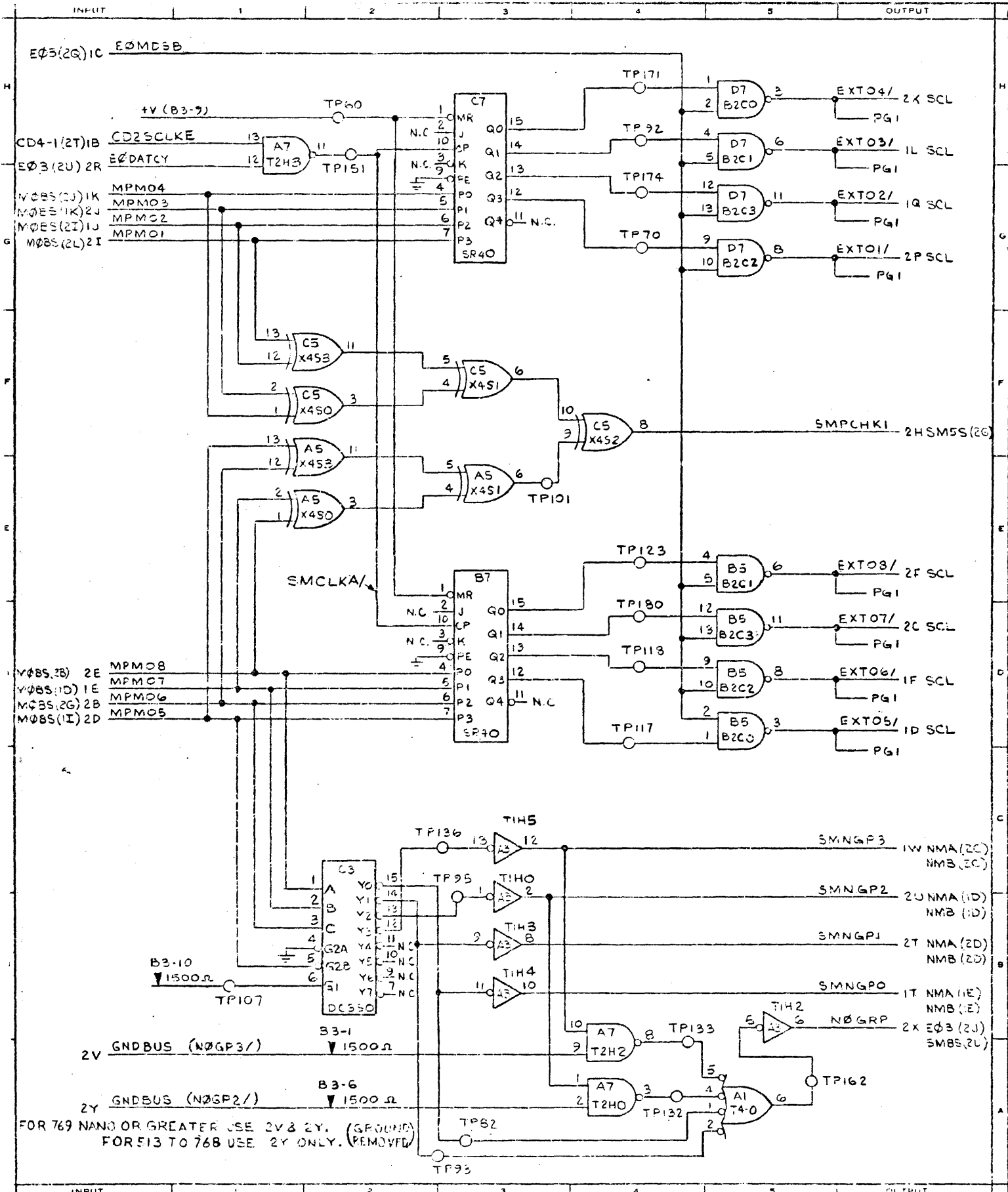
TITLE		CLASS CODE	
SM8S		2-9520	
156	2	2603 5076	038 2



NOTES
 1. 7 INDICATES PULL-UP RESISTOR.



CODE	PART NO	QTY	LOCATION
T2HN	1479 0240	1	
DCBS	2600 1545	1	
RMDD	1448 0319	1	
T4-N	1447 3365	1	
TIHN	479 7371	1	
X43N	2602 2937	4	
B2-N	447 2591	2	
B2-N	447 2592	2	
FR4N	447 2755	2	
B2-N	1447 3737	2	



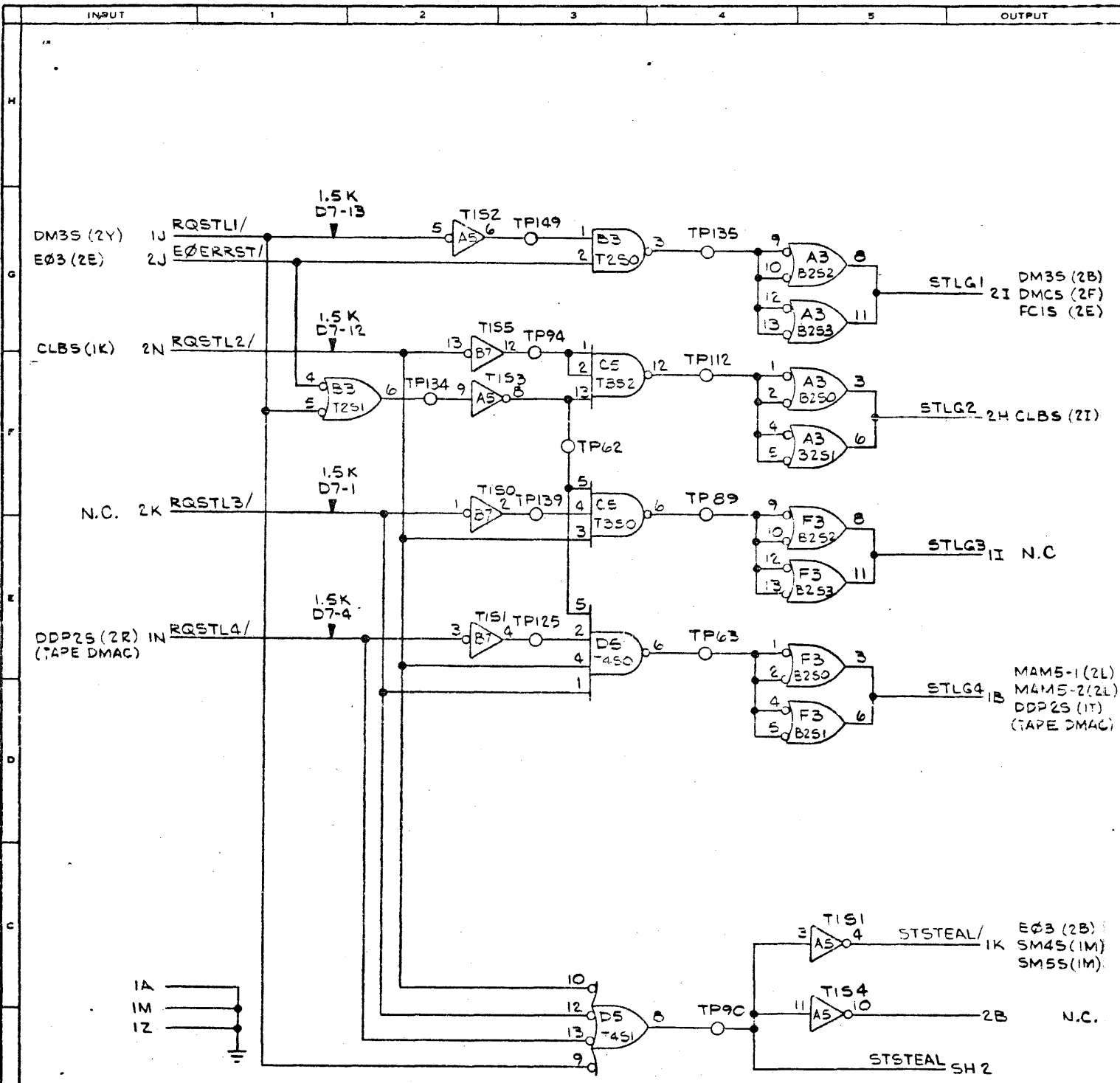
Burroughs Corporation

COMPUTER SYSTEMS GROUP
 DOWNTOWN PLANT
 DOWNTOWN, PA. 19335
 U.S. AMERICA

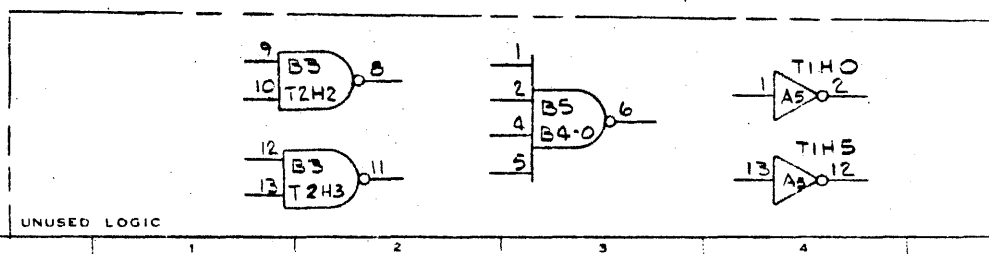
PHOTOCOPIABLES ARE NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM WITHOUT PERMISSION IN WRITING FROM BURROUGHS CORPORATION, PHILADELPHIA, PA. 19103

TITLE	SM9S	CLASS CODE	2-9870
DATE	2 1968 5:00	REV	033 5

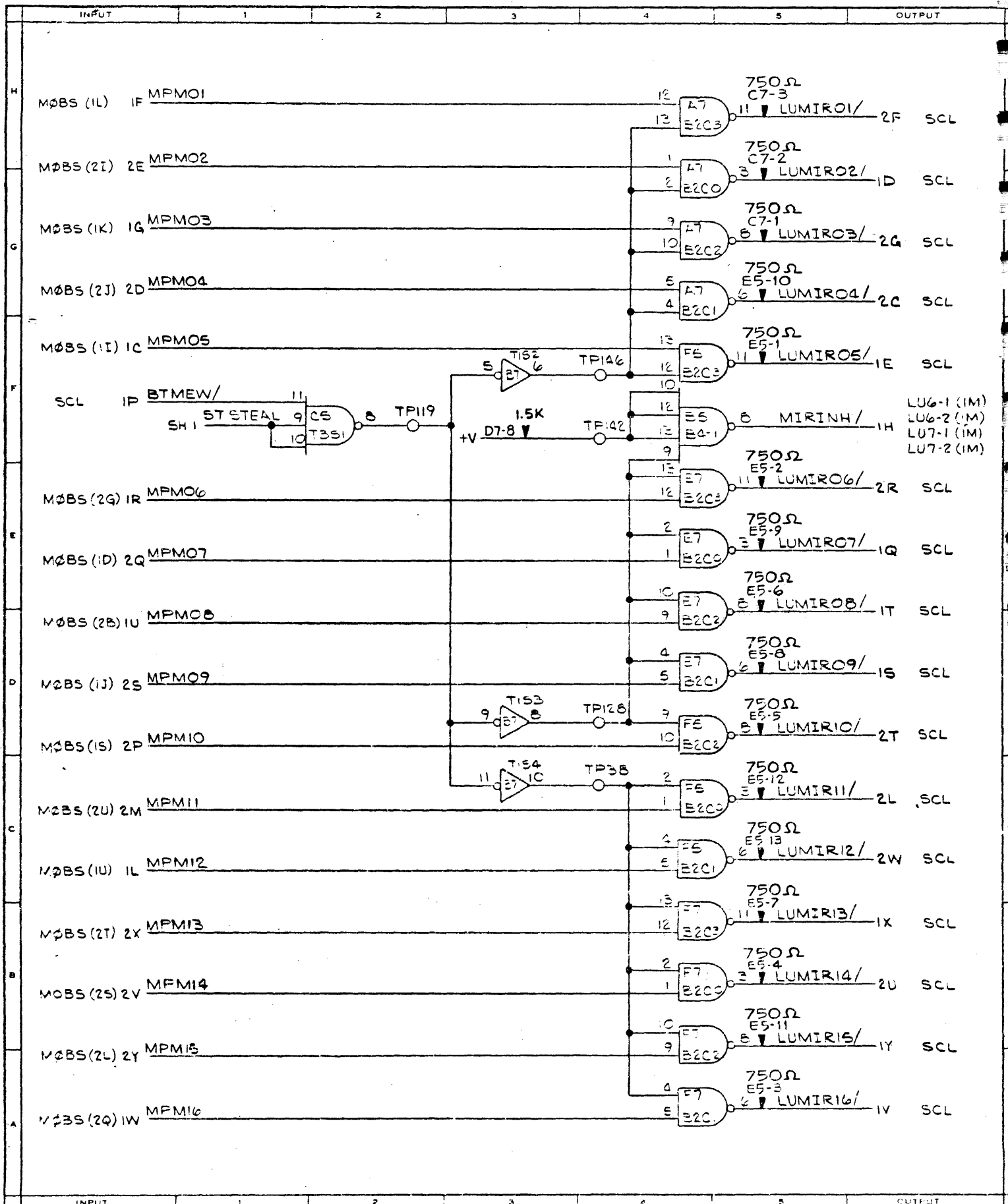
158



NOTES:
 I. V INDICATES PULL-UP RESISTOR



RMOD	2606 0384	2	
RMOD	1448 23.9	1	
E03	2806 17.5	2	
T25N	1600 1.55	1	
PIEN	1600 4.95	2	
T45N	1000 73.7	1	
T25N	1600 4.95	1	
PIEN	1447 1.54	1	
B25N	1447 2.51	4	
CODE	PART NO.	QTY	LOCATION



Burroughs Corporation

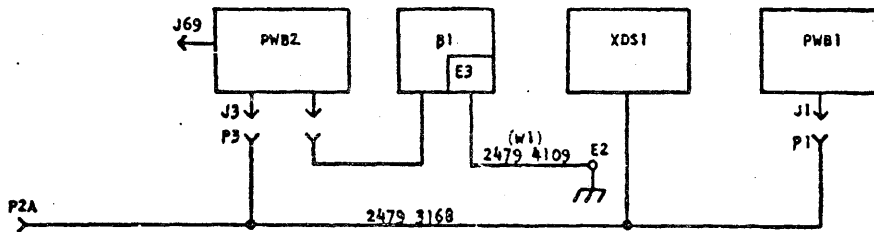


SMALL SYSTEMS GROUP
DALLAS, TEXAS, PA. 19227

DUNNINGTON PLANT
DALLAS, TEXAS, U.S.A.

VISIONS (CONT.)

FILE NO. 2-9520
STEAL CONTROL
CLASS 2007
2-9520



PAGE	DESCRIPTION	E.R. DATE	REV
1	SYSTEM BLOCK DIAGRAM INDEX & NOTES		
2	MEMORY LOADER SCHEMATIC & VISUAL AID		

NOTES:

- CODES USED FOR DENOTING COMPONENT PART NUMBERS ARE AS FOLLOWS:

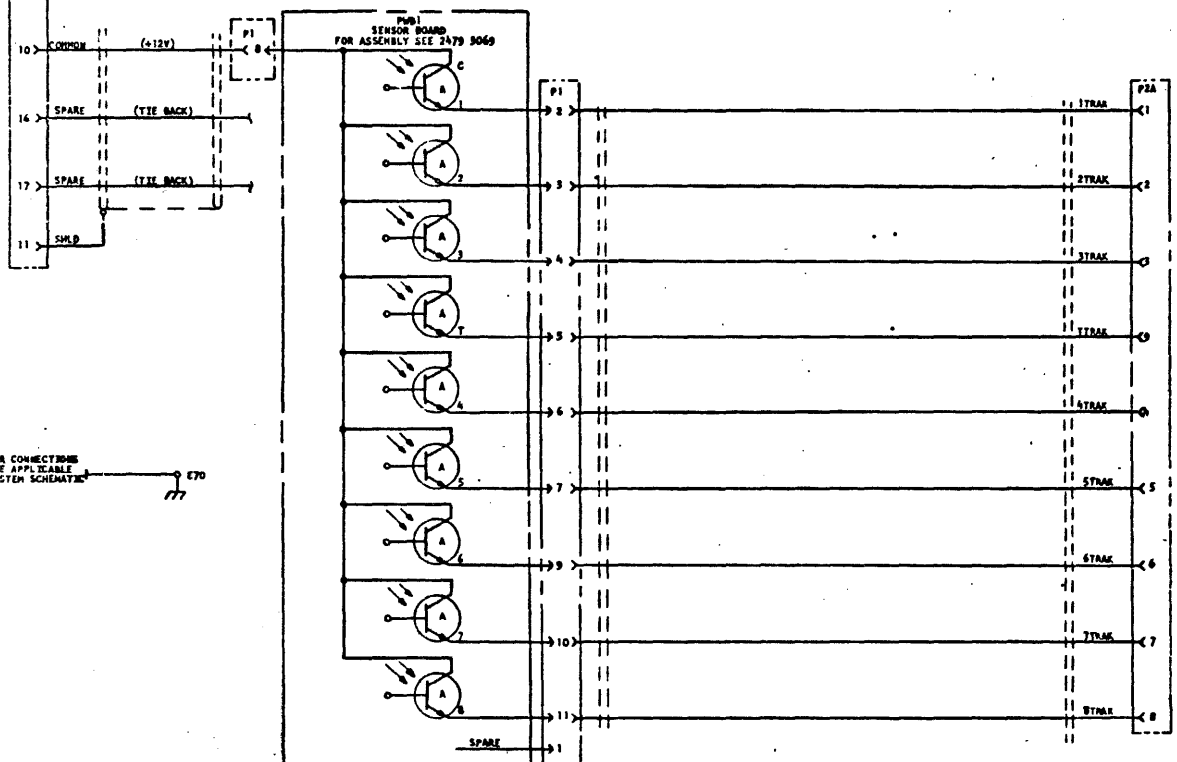
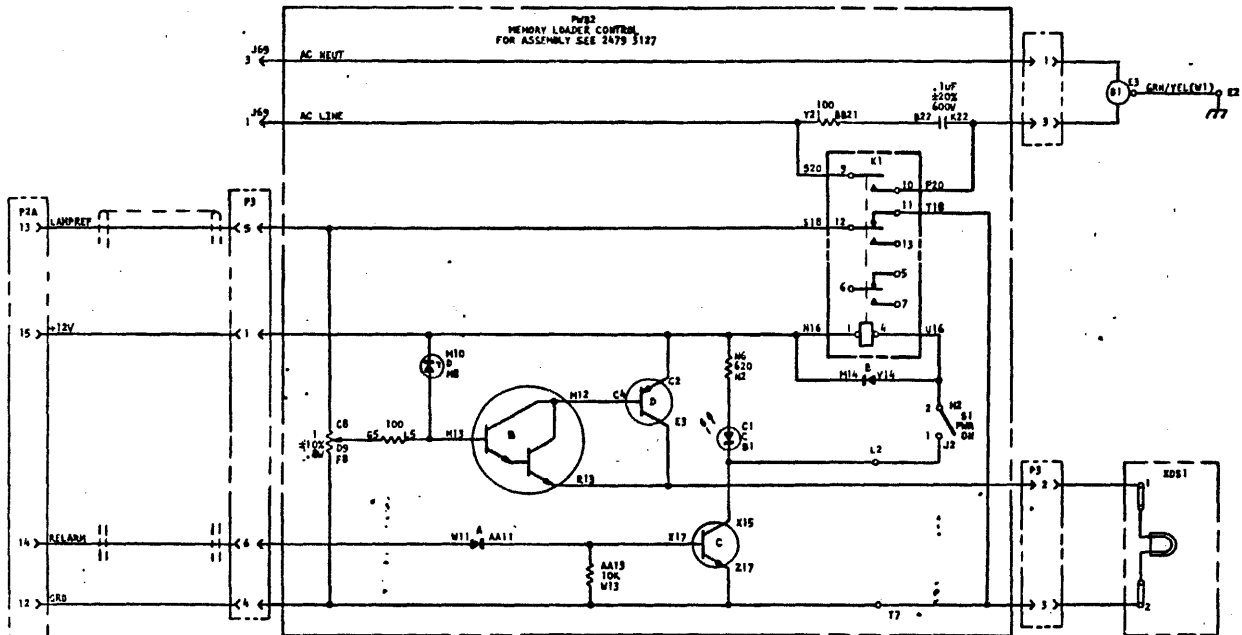
TRANSISTORS		DIODES	
A - 2470 5568	B - 1471 4703	A - 1471 4703	B - 1471 4661
B - 1534 8899	C - 2479 3200	C - 2479 3200	D - 1471 5015
C - 1471 4780			
D - 1479 3003			

UNLESS OTHERWISE SPECIFIED:
ALL RESISTANCE VALUES ARE IN OHMS $\pm 5\%$ 1/2W

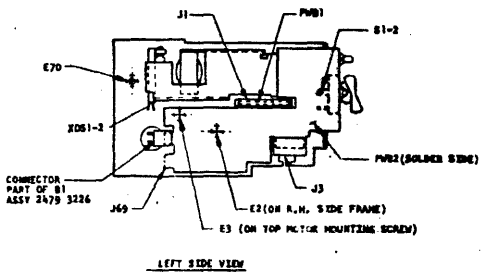
Burroughs Corporation SYSTEMS M & E GROUP PLYMOUTH MICHIGAN 48170	TITLE WIRING, SCHEMATIC, MEMORY LOADER, BLOCK DIAGRAM INDEX & NOTES		DWG. NO. 2479 3176
	SYSTEM		
PLYMOUTH PLANT U.S. 31640A	DRAWN 2-2-74	CHECKED 3-25-75	REV. LETTER 161
PROPRIETARY TO BURROUGHS CORP. - NOT TO BE REPRODUCED, NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT	APPROVED <i>K. Kraume 2/25</i>	RELEASED 12 11-74	PAGE 1 of 2

2479 3176

SCHEMATIC

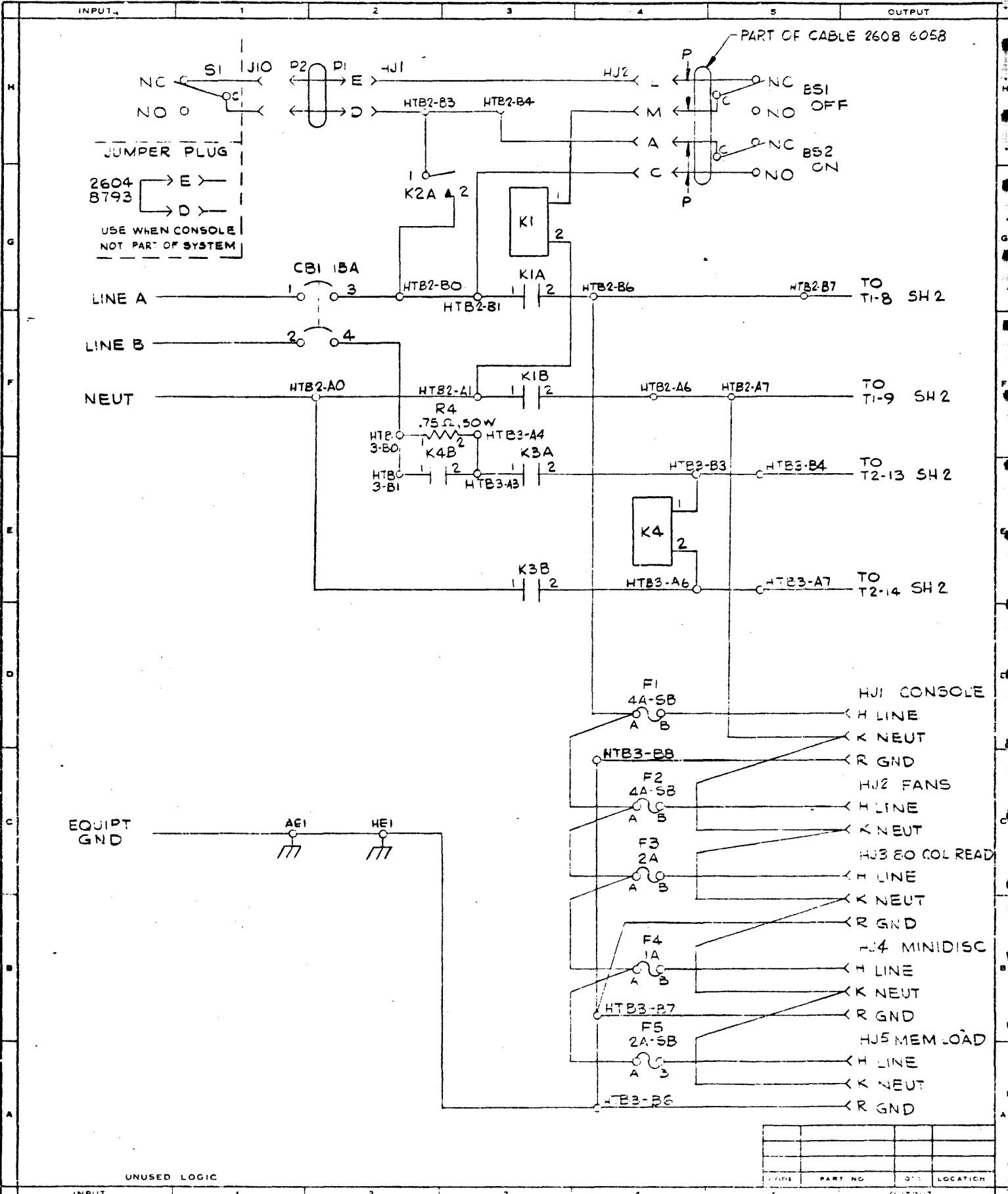


FOR CONNECTIONS
SEE APPLICABLE
SYSTEM SCHEMATIC



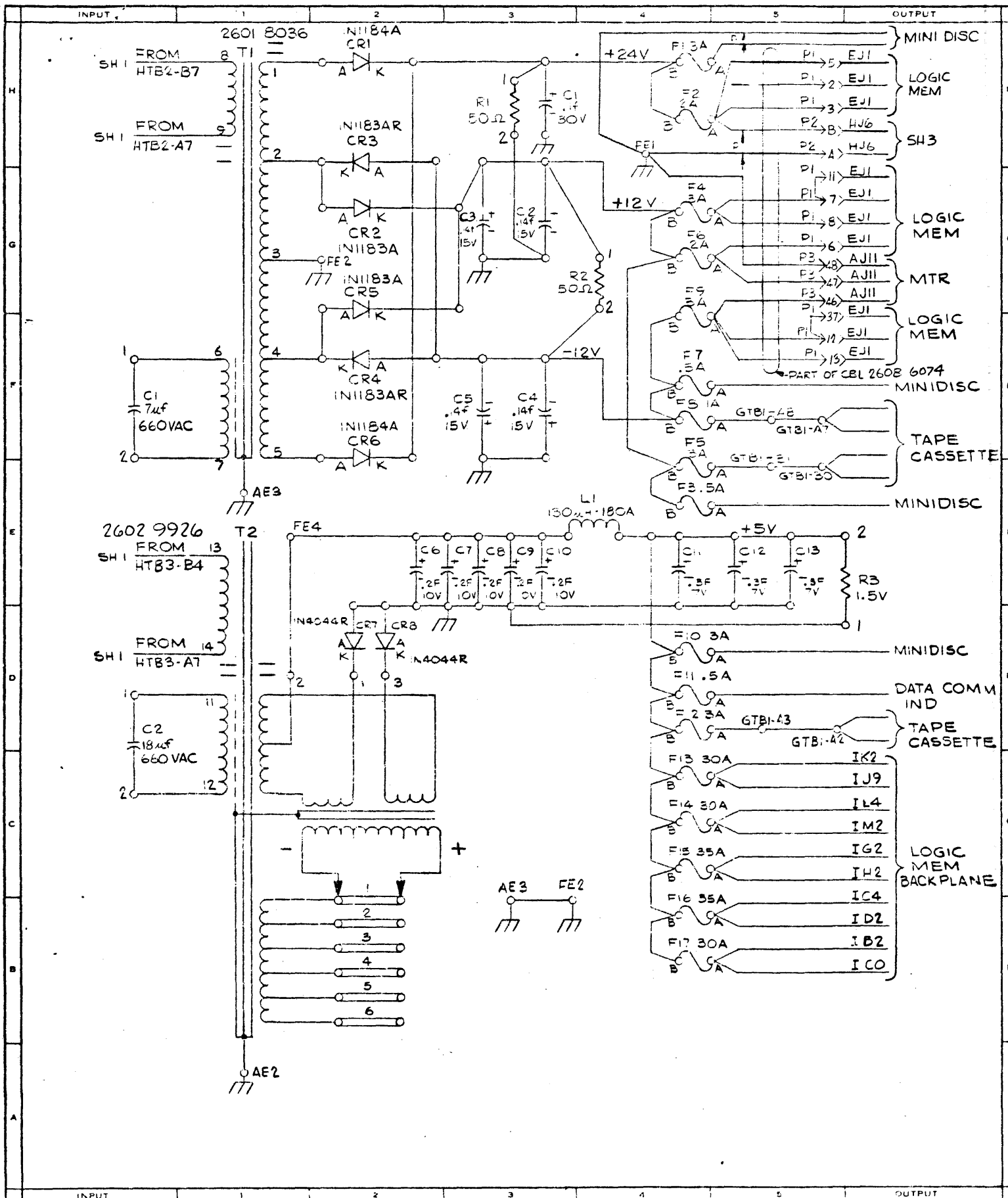
LEFT SIDE VIEW

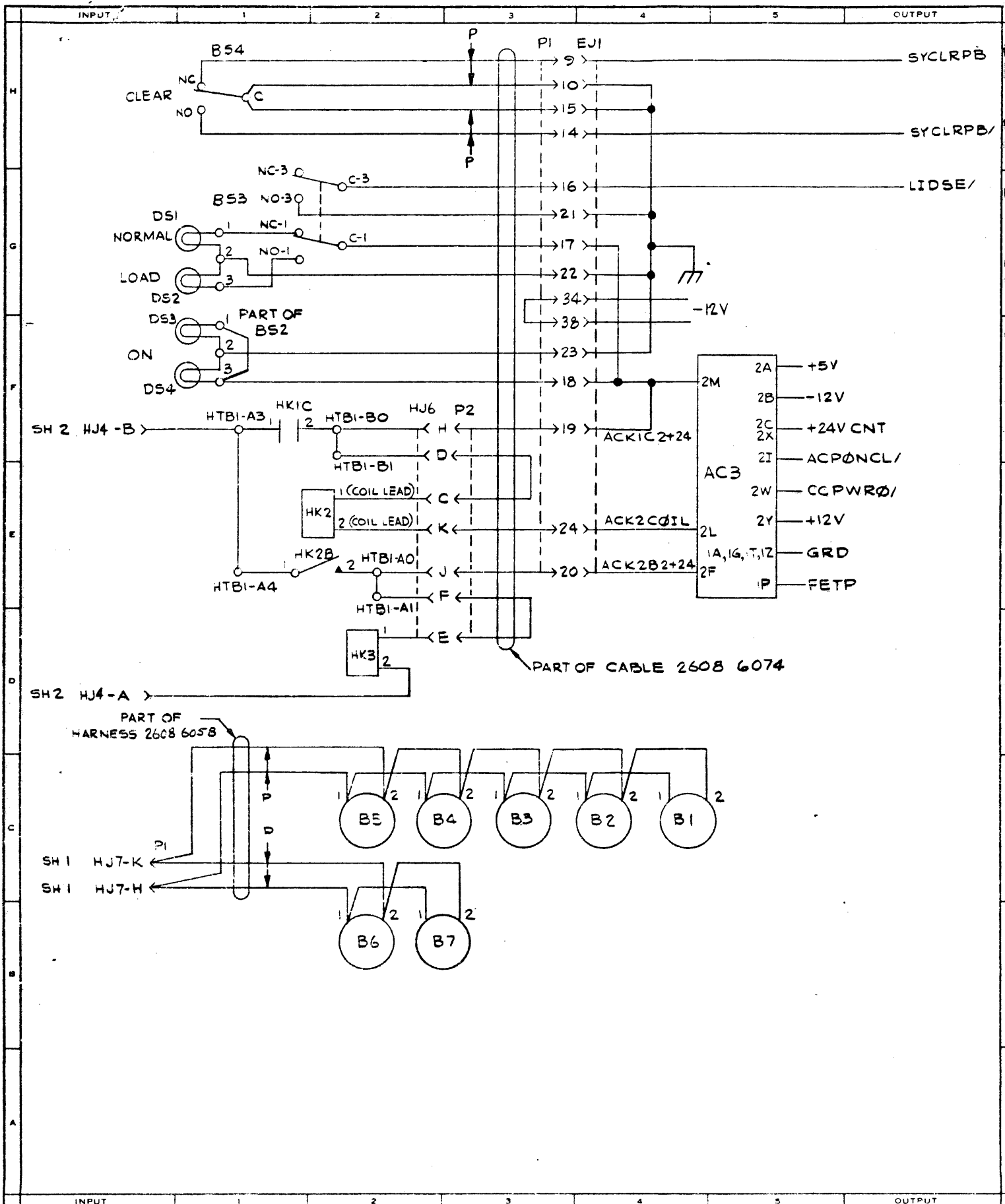
FORM NO. 2479 3176
PAGE 2



UNUSED LOGIC

TYPE	PART NO.	QTY	LOCATION





Burroughs Corporation

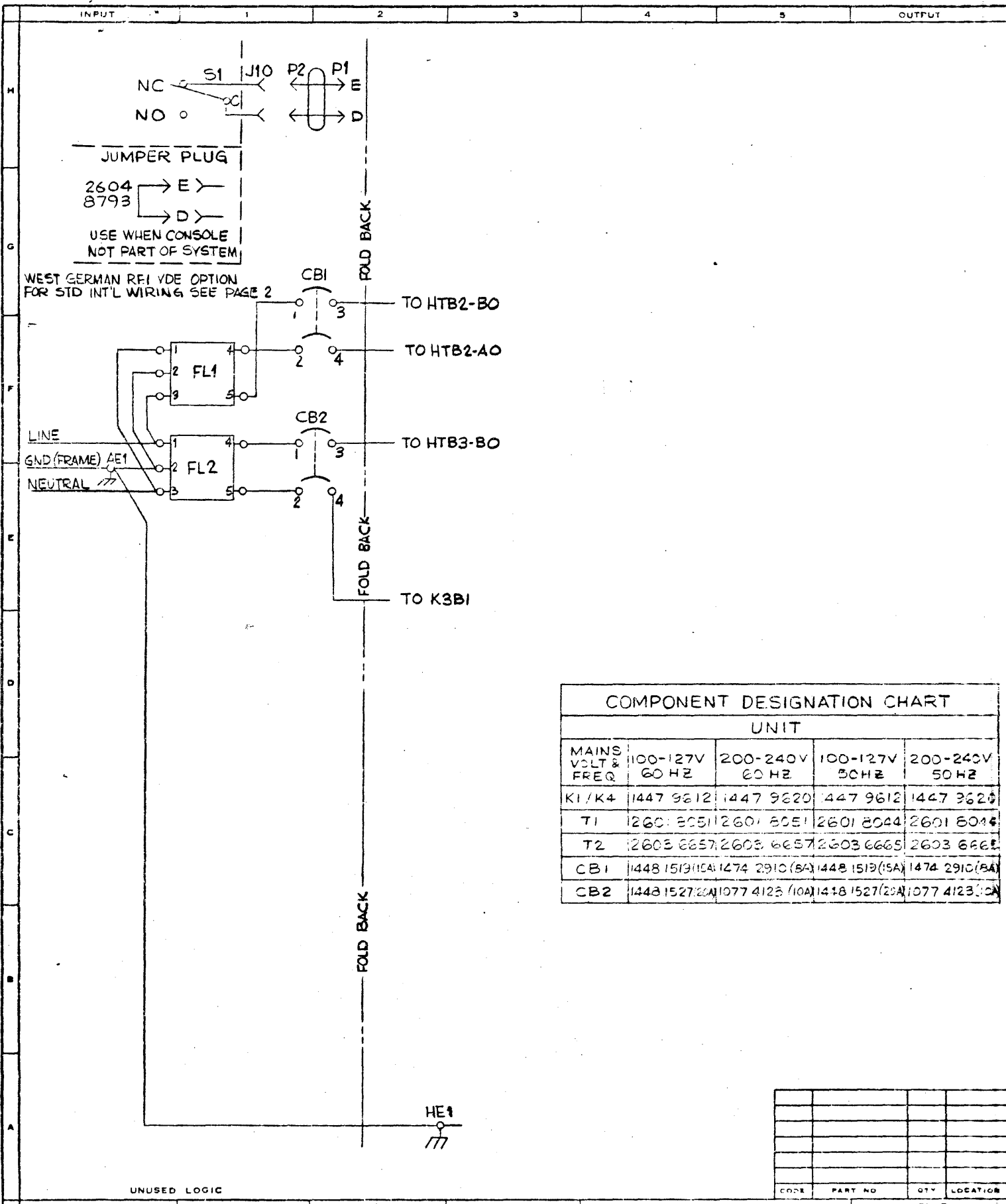
COMPUTER SYSTEMS GROUP
DOWNTOWN PLANT
DOWNTOWN PA 19333

DOWNTOWN PLANT
U.S. AMERICA

REVISIONS

TYPE
15. AC & PS (DOM)
R200

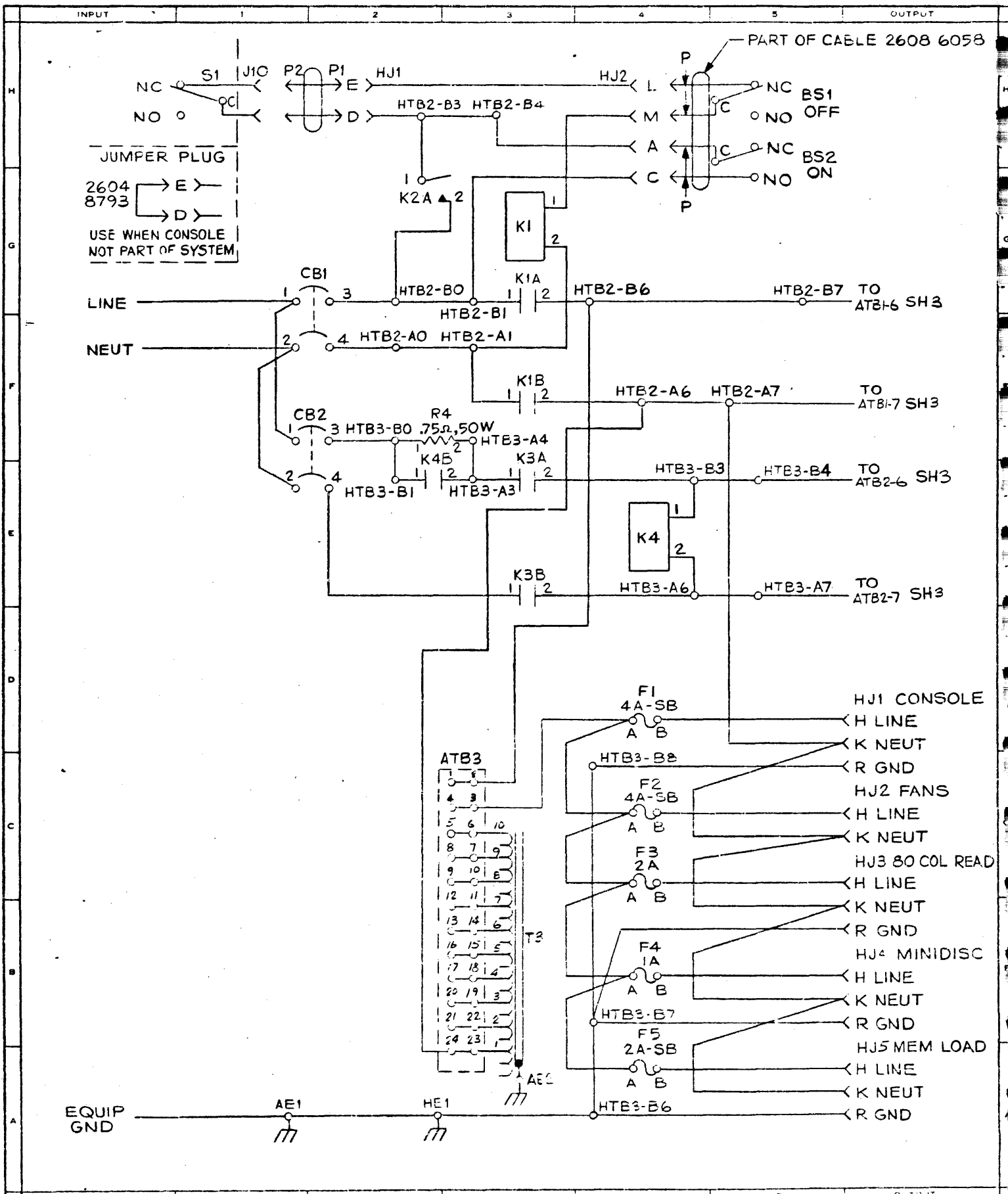
CLASS CODE
2-9520



COMPONENT DESIGNATION CHART

	UNIT			
MAINS VOLT & FREQ	100-127V 60 HZ	200-240V 60 HZ	100-127V 50 HZ	200-240V 50 HZ
K1/K4	1447 9612	1447 9620	1447 9612	1447 9620
T1	2601 8051	2601 8051	2601 8044	2601 8044
T2	2603 6657	2603 6657	2603 6665	2603 6665
CB1	1448 1519(15A)	1474 2910(5A)	1448 1519(15A)	1474 2910(5A)
CB2	1448 1527(20A)	1077 4123 (10A)	1448 1527(20A)	1077 4123(10A)

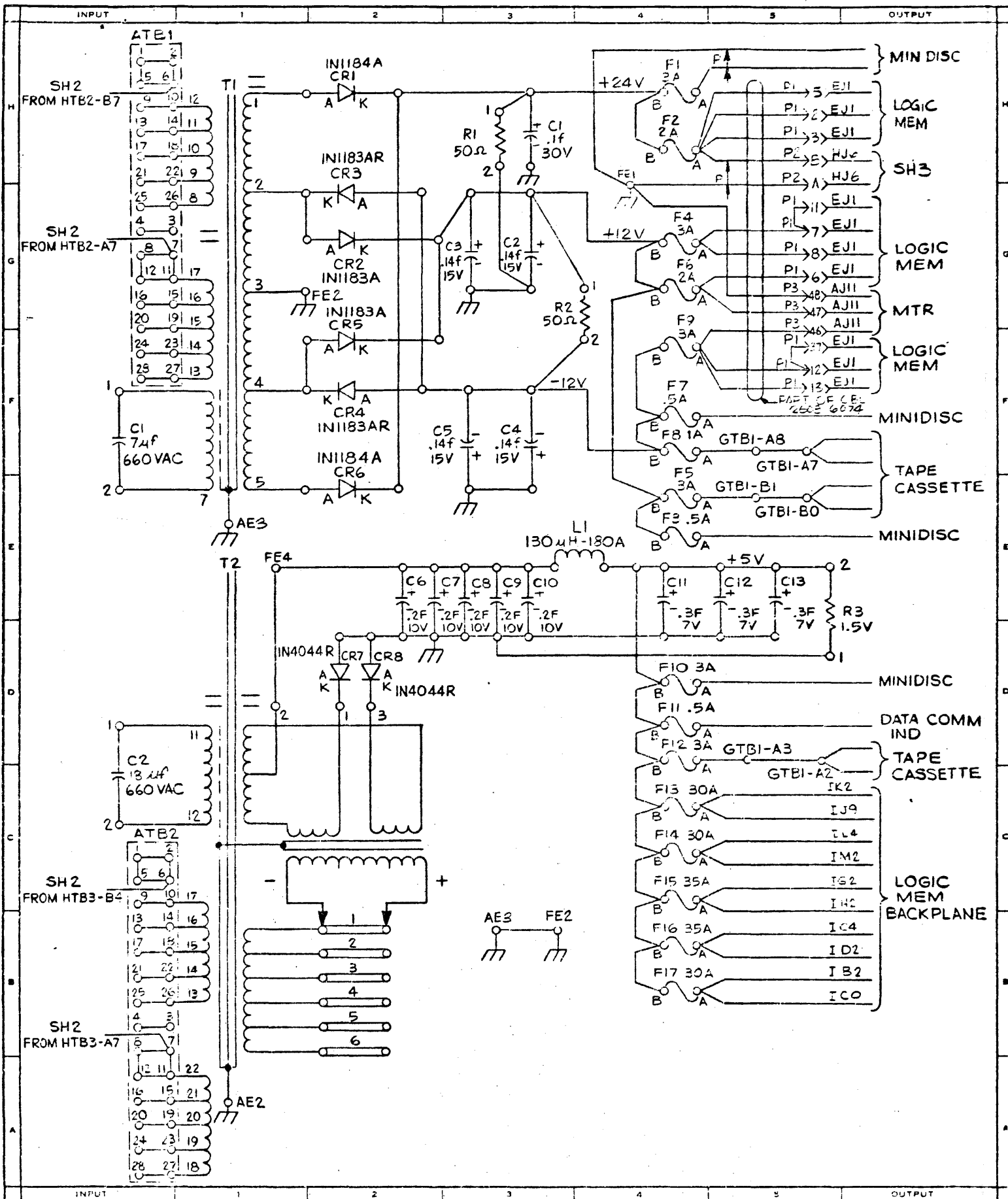
CODE	PART NO	QTY	LOCATION



Burroughs Corporation 

SMALL SYSTEMS GROUP DIVISION (CONT.) WILMINGTON PLANT WILMINGTON, DE 19804

CLASS CODE 2-9520



Burroughs Corporation

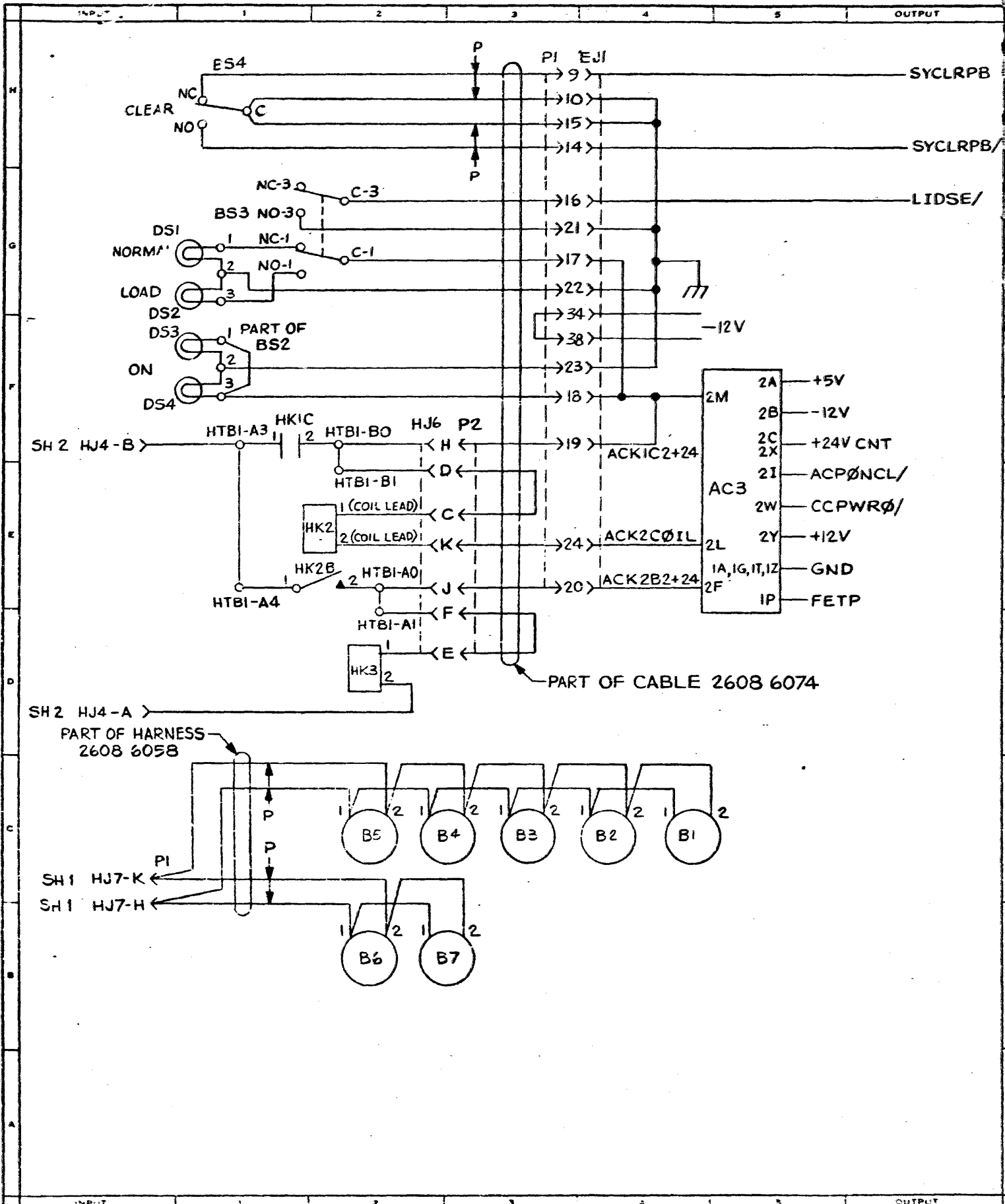
SMALL SYSTEMS GROUP
DOWNINGTOWN, PA 19335

DOWNINGTOWN PLANT
DALLAS, TEXAS

VISIONS (CONT)

WIRING AC & PS (INT'L)	CLASS. CASE
2-9520	

NG 44131 25072



Burroughs Corporation



SMALL SYSTEMS GROUP
CORPORATION, PHILADELPHIA, PA. 19103

EDMUNDS PLANT
EDMUNDS, PENNSYLVANIA

VISIONS (CONT.)

CLASS CODE	2-9520
PS (INTL)	

DWG NO.
2608 5571

SHEET 1 OF 2


RELEASED
EX-100 R17
8-30-76

WIRE NO.	CONDUCTOR		FROM				TO			REMARKS	WIRE NO.	CONDUCTOR		FROM			TO			REMARKS
	SIZE	COLOR	PART REF DES	TERMINAL	TYPE OF TERMINATION	PART REF DES	TERMINAL	TYPE OF TERMINATION	PART REF DES			TERMINAL	TYPE OF TERMINATION	PART REF DES	TERMINAL	TYPE OF TERMINATION	PART REF DES	TERMINAL	TYPE OF TERMINATION	
1	10	GRN/YEL	HE1	SEE NOTE #3	1448 8522	AE1	—	1448 8522	GRD 8.25 IN	26	14	GRY	HK1	A2	1527 0132	HTB2	B6	1527 0132	LINE A	
2	12	GRN/YEL	HE1	SEE NOTE #4	1448 8522	HTB3	B6	1527 0132	GRD	27	↑	↑	HK4	B2	↑	HTB3	A3	↑	LINE B	
3	↑	↑	↑	↑	↑	↑	↑	↑	↑	28	↑	↑	HK3	A1	↓	HTB3	A3	↑	↑	
4	10	GRN/YEL	HJ1	R	1471 5635	HTB3	B8	1471 9884	GRD	29	↑	↑	HK3	A2	1527 0132	HTE3	B3	↑	↑	
5	↑	↑	HJ3	R	↑	↑	B7	↑	↑	30	↑	↑	HK4	1	SOLDER	HTB3	B0	↑	↑	
6	↑	↑	HJ4	R	↑	↑	B7	↑	↑	31	↓	↓	HK4	2	SOLDER	HTB3	A4	↓	↓	
7	↑	GRN/YEL	HJ5	R	1471 5635	HTE3	B6	↑	GRD	32	14	GRY	HCB1	4	1535 1635	HTB3	B0	1527 0132	LINE B	
8	↑	RED	HK2	A5	1471 9884	HTB2	B0	↑	LINE A	33	↑	↑	↑	↑	↑	↑	↑	↑	↑	
9	↑	↑	HJ1	D	1471 5635	HTB2	B3	↓	↑	34	↑	↑	↑	↑	↑	↑	↑	↑	↑	
10	↑	↑	HJ2	A	↑	HTE2	B4	1471 9884	↑	35	16	RED	HTB2	B6	1471 9884	HF1	A(2)	1742 5034	LINE A	
11	↑	↑	HJ1	E	↑	HJ2	L	1471 5635	↓	36	18	WHT	HF1	A(2)	—	HF2	A(2)	1742 5033	↑	
12	↑	↑	HJ2	M	↑	HK1	COIL 1	1471 9884	↓	37	↑	↑	HF2	A(2)	—	HF3	A(2)	1742 5033	↑	
13	↑	↑	HJ2	C	1471 5635	HTE2	B1	↑	LINE A	38	↑	↑	HF3	A(2)	—	HF4	A(2)	1742 5033	↑	
14	↑	↑	HK4	COIL 1	1471 9884	HTB3	B3	↑	LINE B	39	↑	↑	HF4	A(2)	—	HF5	A	1742 5075	↑	
15	↑	↑	HK4	COIL 2	1471 9884	HTB3	A6	↑	NEUT	40	↑	↑	HF1	B	1742 5075	HJ1	H	1471 5635	↑	
16	↑	↑	HK1	COIL 2	1471 9884	HTB2	A1	↑	↑	41	↑	↑	HF2	B	↑	HJ2	H	↑	↑	
17	↓	↓	HJ1	K(2)	1448 5432	HTE2	A7	↓	NEUT	42	↑	↑	HF3	B	↑	HJ3	H	↑	↑	
18	16	RED	HK2	A1	1471 9884	HTB2	B3	1471 9884	LINE A	43	↓	↓	HF4	E	↓	HJ4	H	↓	↓	
19	18	WHT	HJ1	K(2)	—	HJ2	K(2)	1448 5432	NEUT	44	18	WHT	HF5	B	1742 5075	HJ5	H	1471 5635	LINE A	
20	↑	↑	HJ2	K(2)	—	HJ3	K(2)	↑	↑	45	14	GRY	HK1	B2	1527 0132	HTB2	A6	1527 0132	NEUT	
21	↓	↓	HJ3	K(2)	—	HJ4	K(2)	1448 5432	↑	46	14	GRY	HK3	B1	↑	HTB2	A0	↑	↑	
22	18	WHT	HJ4	K(2)	—	HJ5	K	1471 5635	NEUT	47	↑	↑	HK3	B2	↓	HTB3	A6	↓	↓	
23	14	GRY	HCB1	3	1535 1635	HTB2	B0	1527 0132	LINE A	48	14	GRY	HCB1	B1	1527 0132	HTB2	A1	1527 0132	NEUT	
24	↑	↑	HK1	A1	1527 0132	HTB2	B1	↑	LINE A	49	—	—	HK2	COIL 1	—	HJ6	C	1471 5635	↑	
25	14	GRY	HK4	B1	1527 0132	HTB3	B1	1527 0132	LINE B	50	—	—	HK2	COIL 2	—	HJ6	K	1471 5635	↑	

NOTES:

- (2) INDICATES TWO WIRES ON ONE TERMINAL.
- ELIMINATE WIRES 1-2 & 1-4 THRU 1-7 FROM MAIN HARNESS. RUN THESE WIRES CLOSE TO CHASSIS.
- CONNECTION COMPLETED UPON INSTALLATION IN FRAME.
- USE ITEMS 25 & 32 ON PL 2608 5845.

DRAWN H. BURHANS	DATE 8-16-76
CHECKED	DATE
DSGN OR ENGR	DATE
APPROVED [Signature]	DATE 8-16-76

Burroughs Corporation 

COMPUTER SYSTEMS GROUP
DOWNTOWN PA 19335

DOWNTOWN PLANT
U.S. AMERICA

TITLE
WIRE LIST

HARNESS ASSY, POWER CONTROL - DOMESTIC

SHEET	DWG NO
1 of 2	2608 5571

DWG NO.
2608 5571


SHEET 2 OF 2

RELEASED

WIRE NO.	CONDUCTOR		FROM			TO			REMARKS	WIRE NO.	CONDUCTOR		FROM			TO			REMARKS
	SIZE	COLOR	PART REF DES	TERMINAL	TYPE OF TERMINATION	PART REF DES	TERMINAL	TYPE OF TERMINATION			SIZE	COLOR	PART REF DES	TERMINAL	TYPE OF TERMINATION	PART REF DES	TERMINAL	TYPE OF TERMINATION	
1	16	WHT	HK3	COIL 1	1471 9884	HJ6	E	1471 5635		26									
2			HK3	COIL 2			A			27									
3			H1E1	A3			B			28									
4				B0			H		CONTROL 2A	29									
5				B1			D		CONTROL 2A	30									
6				A0			J		CONTROL 2B	31									
7				A1		HJ6	F	1471 5635	CONTROL 2B	32									
8				A3		H1K1	C1	1471 9884		33									
9				A4		HK2	B1			34									
10				B0		HK1	C2		CONTROL 2A	35									
11	18	WHT	H1E1	A0	1471 9884	H1K2	B2	1471 9884	CONTROL 2B	36									
12										37									
13										38									
14										39									
15										40									
16										41									
17										42									
18										43									
19										44									
20										45									
21										46									
22										47									
23										48									
24										49									
25										50									

NOTES:

DRAWN	DATE
H. BURHANS	8-16-76
CHECKED	DATE
DSGN OR ENGR	DATE
APPROVED	DATE
<i>S. Della</i>	24 Aug 76

Burroughs Corporation 

COMPUTER SYSTEMS GROUP
DOWNTOWN, PA. 19335

DOWNTOWN PLANT
U.S. AMERICA

TITLE
WIRE LIST

HARNESS ASSY, POWER CONTROL - DOMESTIC

PROPRIETARY TO BURROUGHS CORP. - NOT TO BE REPRODUCED, NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT

SHEET	DWG NO
2 OF 2	2608 5571

172

2608 7650
SHEET 1 OF 2
RELEASED
A
REL. ERM 129
03076
877

WIRE NO.	CONDUCTOR		FROM			TO			REMARKS	WIRE NO.	CONDUCTOR		FROM			TO			REMARKS
	SIZE	COLOR	PART REF DES	TERMINAL	TYPE OF TERMINATION	PART REF DES	TERMINAL	TYPE OF TERMINATION			SIZE	COLOR	PART REF DES	TERMINAL	TYPE OF TERMINATION	PART REF DES	TERMINAL	TYPE OF TERMINATION	
1	10	GRN/YEL	HE1	SEE NOTE #3	1448 8522	AE1	---	1448 8522	GRD	1-26	14	GRY	HK1	A2	1527 0192	HTB2	B6	1527 0192	AC LINE
2	12	GRN/YEL	HE1	SEE NOTE #4	1448 8522	HTB3	B6	1527 0192	GRD	1-27	↑	↑	HK4	B2	↑	HTB3	A3	↑	↑
3										1-28	↑	↑	HK3	A1	↓	↑	A3	↑	↑
4	16	GRN/YEL	HJ1	R	1471 5635	HTB3	B8	1471 9884	GRD	1-29			HK3	A2	1527 0192	↓	B3		
5	↑	↑	HJ3	R	↑	↑	B7	↑	↑	1-30			HR4	1	SOLDER	↓	B0		
6	↑	↑	HJ4	R	↓	↓	B7	↑	↓	1-31			HR4	2	SOLDER	HTB3	A4		
7		GRN/YEL	HJ5	R	1471 5635	HTB3	B6		GRD	1-32			HCB1	4	1535 1695	HTB2	A0	↓	
8		RED	HK2	A2	1471 9884	HTB2	B0		AC LINE	1-33			HCB2	3	1535 1695	HTB3	B0	1527 0192	↓
9		↑	HJ1	D	1471 5635	HTB2	B3		↑	1-34	↓	↓	HCB1	1	STRIP AND TIN 10-14	HCB2	1	STRIP AND TIN 10-14	AC LINE
10		↑	HJ2	A	↑	HTB2	B4	1471 9884		1-35	14	GRY	HCB1	2	STRIP AND TIN 10-14	HCB2	2	STRIP AND TIN 10-14	NEUT
11			HJ1	E		HJ2	L	1471 5635		1-36	18	WHT	HF1	A	2607 7511	HF2	A (2)	1742 5083	AC LINE
12			HJ2	M		HK1	COIL 1	1471 9884		1-37	↑	↑	HF2	A (2)	---	HF3	A (2)	1742 5083	↑
13			HJ2	C	1471 5635	HTB2	B1		↓	1-38			HF3	A (2)	---	HF4	A (2)	1742 5083	
14			HK4	COIL 1	1471 9884	HTB3	B3		AC LINE	1-39			HF4	A (2)	---	HF5	A	1742 5075	
15			HK4	COIL 2	1471 9884	HTB3	B6		NEUT	1-40			HF1	B	1742 5075	HJ1	H	1471 5635	
16			HK1	COIL 2	1471 9884	HTB2	A1		NEUT	1-41			HF2	B	↑	HJ2	H	↑	
17			HJ1	K (2)	1448 5452	HTB2	A7		NEUT	1-42			HF3	B	↓	HJ3	H	↓	
18	16	RED	HK2	A1	1471 9884	HTB2	B3	1471 9884	AC LINE	1-43			HF4	B	↓	HJ4	H	↓	
19	18	WHT	HJ1	K (2)	---	HJ2	K (2)	1448 5452	NEUT	1-44	18	WHT	HF5	B	1742 5075	HJ5	H	1471 5635	AC LINE
20	↑	↑	HJ2	K (2)	---	HJ3	K (2)	1448 5452		1-45	14	GRY	HK1	B2	1527 0192	HTB2	AG	1527 0192	NEUT
21	↓	↓	HJ3	K (2)	---	HJ4	K (2)	1448 5452		1-46	↑	↑	HK3	B1	↑	HCB2	4	1535 1695	↑
22	18	WHT	HJ4	K (2)	---	HJ5	K (2)	1471 5635	NEUT	1-47			HK3	B2	↓	HTB3	AG	1527 0192	↓
23	14	GRY	HCB1	3	1535 1695	HTB2	B0	1527 0192	AC LINE	1-48	14	GRY	HK1	B1	1527 0192	HTB2	A1	1527 0192	NEUT
24	14	SKY	HK1	A1	1527 0192	HTB2	B1	1527 0192	AC LINE	1-49	---	---	HK2	COIL 1	---	HJ6	C	1471 5635	
25	14	GRY	HK4	B1	1527 0192	HTB3	B1	1527 0192	AC LINE	1-50	---	---	HK2	COIL 2	---	HJ6	K	1471 5635	

- NOTES:
- (2) INDICATES TWO WIRES ON ONE TERMINAL.
 - SEPERATE WIRES 1-2 & 1-4 THRU 1-7 FROM MAIN HARNESS. RUN THESE WIRES CLOSE TO CHASSIS.
 - CONNECTION COMPLETED UPON INSTALLATION IN FRAME.
 - USE ITEMS 25 & 32 ON PL 2608 5860 OR ITEMS 25 & 32 ON PL 2608 5878.

DRAWN H. BURHANS	DATE 8-16-76	Burroughs Corporation COMPUTER SYSTEMS GROUP DOWNTOWN PA 19335 DOWNTOWN PLANT U.S. AMERICA
CHECKED	DATE	
DESIGN OR ENGR	DATE	
APPROVED	DATE	
TITLE HARNESS ASSY, POWER CONTROL - INT.		SHEET 1 of 2
DWG NO 2608 7650		

2608 7650


SHEET 2 OF 2

RELEASED

WIRE NO	CONDUCTOR		FROM			TO			REMARKS	WIRE NO	CONDUCTOR		FROM			TO			REMARKS
	SIZE	COLOR	PART REF DES	TERMINAL	TYPE OF TERMINATION	PART REF DES	TERMINAL	TYPE OF TERMINATION			SIZE	COLOR	PART REF DES	TERMINAL	TYPE OF TERMINATION	PART REF DES	TERMINAL	TYPE OF TERMINATION	
1	18	WHT	HK3	COIL 1	1471 9884	HJG	E	1471 5635		26									
2			HK3	COIL 2			A			27									
3			HTBI	A3			B			28									
4				B0			H		CONTROL 2A	29									
5				B1			D		CONTROL 2A	30									
6				A0			J		CONTROL 2B	31									
7				A1		HJG	F	1471 5635	CONTROL 2B	32									
8				A3		HK1	C1	1471 9884		33									
9				A4		HK2	B1			34									
10				B0		HK1	C2		CONTROL 2A	35									
11	18	WHT	HTBI	A0	1471 9884	HK2	B2	1471 9884	CONTROL 2B	36									
12										37									
13										38									
14										39									
15										40									
16										41									
17										42									
18										43									
19										44									
20										45									
21										46									
22										47									
23										48									
24										49									
25										50									

NOTES:

DRAWN	DATE
H. BURHANS	8-16-76
CHECKED	DATE
DSGN OR ENGR	DATE
APPROVED	DATE
<i>S. M. Miller</i>	2/1/76

Burroughs Corporation 

COMPUTER SYSTEMS GROUP
DOWNTOWN, PA. 19335

DOWNTOWN PLANT
U.S. AMERICA

TITLE: WIRE LIST
HARNESS ASSY, POWER CONTROL - INT.

SHEET 2 OF 2 DWG NO 2608 7650

PROPRIETARY TO BURROUGHS CORP. - NOT TO BE REPRODUCED, NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT

HL


CL-2-95-20

DWG NO. 2608 9722
 SHEET 1 OF 2
 RELEASED
 A REL ER#180
 3-30-76 217

WIRE NO.	CONDUCTOR		FROM			TO			REMARKS	WIRE NO.	CONDUCTOR		FROM			TO			REMARKS
	SIZE	COLOR	PART REF DES	TERMINAL	TYPE OF TERMINATION	PART REF DES	TERMINAL	TYPE OF TERMINATION			SIZE	COLOR	PART REF DES	TERMINAL	TYPE OF TERMINATION	PART REF DES	TERMINAL	TYPE OF TERMINATION	
1-1	10	GRN/YEL	HE1	SEE NOTE #3	1448 8522	AE1	—	1448 8522	GRD	1-26	14	GRY	HK1	A2	1527 0192	HTB2	B6	1527 0192	AC LINE
1-2	12	GRN/YEL	HE1	SEE NOTE #4	1448 8522	HTB3	B6	1527 0192	GRD	1-27	↑	↑	HK4	B2	↑	HTB3	A3	↑	↑
1-3										1-28	↑	↑	HK3	A1	↑	A3			
1-4	16	GRN/YEL	HJ1	R	1471 5635	HTB3	B8	1471 9884	GRD	1-29			HK3	A2	1527 0192		B3		
1-5	↑	↑	HJ3	R	↑	↑	B7	↑	↑	1-30			HR4	1	SOLDER		B0		
1-6			HJ4	R	↑		B7	↑		1-31			HR4	2	SOLDER	HTB3	A4		
1-7		GRN/YEL	HJ5	R	1471 5635	HTB3	B6		GRD	1-32	↓	↓	HCB1	4	1535 1695	HTB2	A0		
1-8		RED	HK2	A2	1471 9884	HTB2	B0		AC LINE	1-33	14	GRY	HCB2	3	1535 1695	HTB3	B0	1527 0192	AC LINE
1-9		↑	HJ1	D	1471 5635	HTB2	B3		↑	1-34									
1-10			HJ2	A	↑	HTB2	B4	1471 9884		1-35									
1-11			HJ1	E		HJ2	L	1471 5635		1-36	18	WHT	HF1	A	2607 7511	HF2	A(2)	1742 5083	AC LINE
1-12			HJ2	M	↓	HK1	COIL 1	1471 9884		1-37	↑	↑	HF2	A(2)	—	HF3	A(2)	1742 5083	↑
1-13			HJ2	C	1471 5635	HTB2	B1		↓	1-38			HF3	A(2)	—	HF4	A(2)	1742 5083	
1-14			HK4	COIL 1	1471 9884	HTB3	B3		AC LINE	1-39			HF4	A(2)	—	HF5	A	1742 5075	
1-15			HK4	COIL 2	1471 9884	HTB3	A6		NEUT	1-40			HF1	B	1742 5075	HJ1	H	1471 5635	
1-16			HK1	COIL 2	1471 9884	HTB2	A1		NEUT	1-41			HF2	B	↑	HJ2	H	↑	
1-17	↓	↓	HJ1	K(2)	1448 5452	HTB2	A7		NEUT	1-42			HF3	B		HJ3	H		
1-18	16	RED	HK2	A1	1471 9884	HTB2	B3	1471 9884	AC LINE	1-43	↓	↓	HF4	B	↓	HJ4	H	↓	
1-19	18	WHT	HJ1	K(2)	—	HJ2	K(2)	1448 5452	NEUT	1-44	18	WHT	HF5	B	1742 5075	HJ5	H	1471 5635	AC LINE
1-20	↑	↑	HJ2	K(2)	—	HJ3	K(2)	1448 5452	↑	1-45	14	GRY	HK1	B2	1527 0192	HTB2	A6	1527 0192	NEUT
1-21	↓	↓	HJ3	K(2)	—	HJ4	K(2)	1448 5452	↓	1-46	↑	↑	HK3	B1	↑	HCB2	4	1535 1695	↑
1-22	18	WHT	HJ4	K(2)	—	HJ5	K	1471 5635	NEUT	1-47	↓	↓	HK3	B2	↓	HTB3	A6	1527 0192	↓
1-23	14	GRY	HCB1	3	1535 1695	HTB2	B0	1527 0192	AC LINE	1-48	14	GRY	HK1	B1	1527 0192	HTB2	A1	1527 0192	NEUT
1-24	14	GRY	HK1	A1	1527 0192	HTB2	B1	1527 0192	AC LINE	1-49	—	—	HK2	COIL 1	—	HJ6	C	1471 5635	
1-25	14	GRY	HK4	B1	1527 0192	HTB3	B1	1527 0192	AC LINE	1-50	—	—	HK2	COIL 2	—	HJ6	K	1471 5635	

- NOTES:
- (2) INDICATES TWO WIRES ON ONE TERMINAL.
 - SEPERATE WIRES 1-2 & 1-4 THRU 1-7 FROM MAIN HARNESS. RUN THESE WIRES CLOSE TO CHASSIS.
 - CONNECTION COMPLETED UPON INSTALLATION IN FRAME.
 - USE ITEM 25 & 32 ON PL 2608 5886.

DRAWN H. BURHANS 8-16-76
 CHECKED DATE
 DSGN OR ENGR DATE
 APPROVED DATE
 11/16/76

Burroughs Corporation 
 COMPUTER SYSTEMS GROUP DOWNTOWN PA 19335
 DOWNTOWN PLANT U.S. AMERICA
 TITLE WIRE LIST
 HARNESS ASSY, POWER CONTROL - W.G.
 SHEET 1 OF 2 DWG NO 2608 9722

PROPRIETARY TO BURROUGHS CORP. - NOT TO BE REPRODUCED, NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT


52

DWG NO. 2608 9722
SHEET 2 OF 2
REVISION

WIRE NO.	CONDUCTOR		FROM			TO			REMARKS	WIRE NO.	CONDUCTOR		FROM			TO			REMARKS
	SIZE	COLOR	PART REF DES	TERMINAL	TYPE OF TERMINATION	PART REF DES	TERMINAL	TYPE OF TERMINATION			SIZE	COLOR	PART REF DES	TERMINAL	TYPE OF TERMINATION	PART REF DES	TERMINAL	TYPE OF TERMINATION	
1	18	WHT	HK3	COIL 1	1471 9884	HJ6	E	1471 5635		2-26									
2			HK3	COIL 2			A			2-27									
3			HTB1	A3			B			2-28									
4				B0			H		CONTROL 2A	2-29									
5				B1			D		CONTROL 2A	2-30									
6				A0			J		CONTROL 2B	2-31									
7				A1		HJ6	F	1471 5635	CONTROL 2B	2-32									
8				A3		HK1	C1	1471 9884		2-33									
9				A4		HK2	B1			2-34									
10				B0		HK1	C2		CONTROL 2A	2-35									
11	18	WHT	HTB1	A0	1471 9884	HK2	B2	1471 9884	CONTROL 2B	2-36									
12	14	GRY	HFL1	1	1102 4288	HFL2	3	1102 4288	NEUT	2-37									
13				2		HFL2	2	1102 4288	GRD	2-38									
14				3		HFL2	1	1102 4288	AC LINE	2-39									
15				4		HCB1	2	STRIP AND TIN .62 IN	NEUT	2-40									
16			HFL1	5		HCB1	1		AC LINE	2-41									
17			HFL2	4		HCB2	1		AC LINE	2-42									
18	14	GRY	HFL2	5	1102 4288	HCB2	2	STRIP AND TIN .62 IN	NEUT	2-43									
19	12	BRN/WHT	HFL2	2	1321 9233	AE1	-	1448 8522	GRD SEE NOTE 3	2-44									
20										2-45									
21										2-46									
22										2-47									
23										2-48									
24										2-49									
25										2-50									

NOTES:

DRAWN H. BURHANS DATE 8-16-76
CHECKED DATE
DSGN OR ENGR DATE
APPROVED S. J. [Signature] DATE 24 AUG 76

Burroughs Corporation 
COMPUTER SYSTEMS GROUP DOWNINGTOWN, PA. 19335
DOWNINGTOWN PLANT U.S. AMERICA
TITLE WIRE LIST
HARNESS ASSY, POWER CONTROL - W.G.

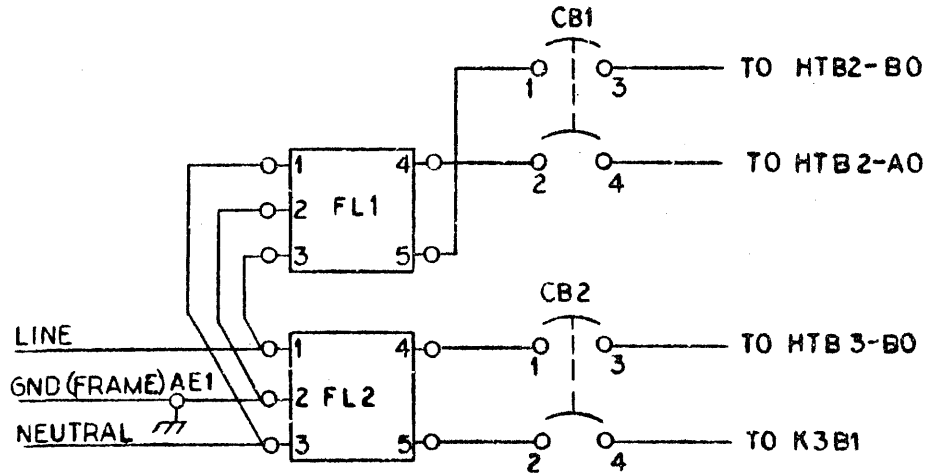
SHEET 2 OF 2 DWG NO 2608 9722

CC-2-95-20
PROPRIETARY TO BURROUGHS CORP. - NOT TO BE REPRODUCED, NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT

2608 9920

SHEET 1 OF 1

RELEASED EP #120 R
A DATE 8-30-76



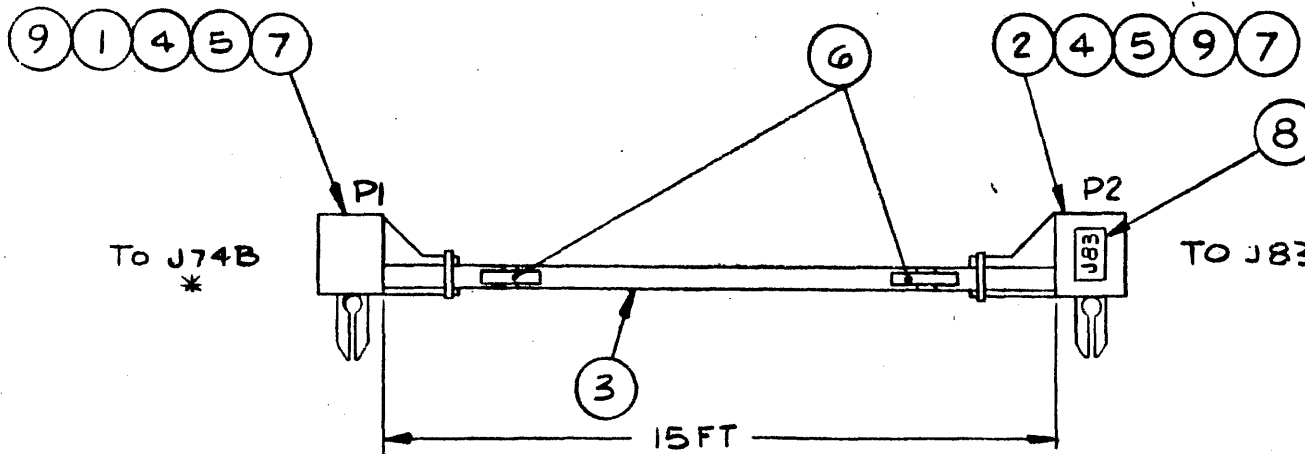
GEN QUAL SPECS 1183 5543 APPLY

TOLERANCES UNLESS OTHERWISE NOTED xxx ± ——— xx ± ——— ANGLES ± — ° —		DRAWN P. HECKMANN	DATE 8-30-76	Burroughs Corporation COMPUTER SYSTEMS GROUP DOWNTOWN PLANT DOWNTOWN, PA 19335 U.S. AMERICA	
MATERIAL		CHECKED D. R. J. [signature]	DATE 8-30-76		
HEAT TREATMENT		DSGN or ENGR	DATE	WEST GERMAN VDE RFI OFT	
SURFACE TREATMENT		APPROVED S. [signature]	DATE 8-30-76	SCALE	PLT. NO.
PROPRIETARY TO BURROUGHS CORP. — NOT TO BE REPRODUCED, NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT				SHEET 1 OF 1	DWG NO 2608 9920

U1N2 REV 1 78

DWG NO
2602 8878

SHEET	OF
A	KEL PER ER#100 52214
B	ECN 2988 68 5-27-74
C	ECN 2989 68 4-17-75 4-20-75
D	ECN 2988 68 5-3-75 P.E.A.
E	ECN 4865 68 5-4-76
F	ECN 5148 68 9-4-76 SHEET 1 A 2



* J74B - B9343-21, 41
J40B - B9343-61

GEN QUAL SPECS 1183 5843 APPLY

TOLERANCES UNLESS OTHERWISE NOTED		DRAWN	DATE	Burroughs Corporation	SMALL SYSTEMS PLANT DOWNTOWN, PA. 19335, U.S.A.
.XXX ±	.XX ±	H.B. HANSELL	5-21-74		
MATERIAL	ANGLES ±	CHECKED <i>D. Han</i>	DATE 5/21/74		
HEAT TREATMENT		DESIGN OR ENGR	DATE	SCALE	SHEET
SURFACE TREATMENT		APPROVED	DATE	NONE	1 of 2
PROPRIETARY TO BURROUGHS CORP. - NOT TO BE REPRODUCED, NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT				DWG NO 2602 8878	

DWG NO.
2602 8878

SHEET **2** OF **2**

RELEASABLE

A UNCLASSIFIED PER
EX. # 100
52874

D ECN3988 68
11/13/75

F ECN5148 68
1-30-76


WIRE NO.	CONDUCTOR		FROM			TO			REMARKS	WIRE NO.	CONDUCTOR		FROM			TO			REMARKS
	SIZE	COLOR	PART REF DES	TERMINAL	TYPE OF TERMINATION	PART REF DES	TERMINAL	TYPE OF TERMINATION			SIZE	COLOR	PART REF DES	TERMINAL	TYPE OF TERMINATION	PART REF DES	TERMINAL	TYPE OF TERMINATION	
1	24	WHT/BRN	P1	5	1472 0726	P2	1	1472 0726	1TRAK	26									
2		WHT/RED		4			2		2TRAK	27									
3		WHT/BRN		3			3		3TRAK	28									
4		WHT/YEL		2			4		4TRAK	29									
5		WHT/GRN		1			5		5TRAK	30									
6		WHT/BLU		10			6		6TRAK	31									
7		WHT/VIO		9			7		7TRAK	32									
8		WHT/GRY		8			8		8TRAK	33									
9		WHT/BLK		7			9		TTRAK	34									
10	24	WH BK BL		6	1472 0726		10	1472 0726	+12V	35									
11		SHIELD		15	1471 5635		11	1471 5635	GRD (SHLD)	36									
12	16	WHT		14	1471 5635		12	1471 5635	GRD	37									
13	24	WH-BK-YL		13	1472 0726		13	1472 0726	LAMPREF	38									
14	24	WH BK-YL		12	1472 0726		14	1472 0726	REALARM	39									
15	16	BRN		11	1471 5635		15	1471 5635	+12V	40									
16	24	WH BK-RD		20	1472 0726		16	1472 0726	SPARE	41									
17	24	WH BK-GRN	P1	19	1472 0726	P2	17	1472 0726	SPARE	42									
18										43									
19										44									
20										45									
21										46									
22										47									
23										48									
24										49									
25										50									

NOTES:

1. ADD SHRINKABLE SLEEVING ITEM #10 AROUND ANY OF THE BRAIDED SHIELD. STILL EXPOSED IN WIRE NO. 11 BETWEEN CABLE JACKET & CRIMP.

179

DRAWN	DATE
H. BIRNBAUM	5-8-74
CHECKED	DATE
T. J. ...	8/21/74
DSGN OR ENGR	DATE
APPROVED	DATE
[Signature]	7/1/74

Burroughs Corporation 

SMALL SYSTEMS PLANT
DOWNTOWN, PA. 19339, U. S. AMERICA

TITLE: WIRE LIST
CABLE ASSY - PROCESSOR TO CONSOL
MEMORY LOADER

SHEET 2 OF 2 DWG NO 2602 8878

DWG NO. 2608 6052
 SHEET 1 OF 1
 REL. DATE 11/17/76
 A
 B
 ECIJ5461 SR
 25-78

WIRE NO	CONDUCTOR		FROM			TO			REMARKS
	SIZE	COLOR	PART REF DES	TERMINAL	TYPE OF TERMINATION	PART REF DES	TERMINAL	TYPE OF TERMINATION	
1			P1	2	1471 5635	FF2	A (2)	1472 1070	+24V 72"
2				3	1471 5635	FF2	A (2)	---	+24V 72"
3				5	1471 5635	FF2	A (2)	1472 1070	+24V 72"
4				7 (2)	1448 5452	FF4	A (2)	1472 1070	+12V 65"
5				8	1471 5635	FF4	A (2)	---	+12V 65"
6				6	1471 5635	FF6	A (2)	1472 8109	+12VML 61"
7				12 (2)	1448 5452	FF3	A (2)	1472 157	-12V 55"
8				13	1471 5635	FF3	A (2)	---	-12V 55"
9				9	1472 0817	P4	NC	SOLDER	STRIP 110"
10				10		P4	C (2)		GRD
11				14		P4	NC		GRD
12				15	1472 0817	P11	C (2)		GRD
13				16	1472 0817	P13	C3		LIDSE /
14				21			NO3		GRD
15				17			21		ASPC2014 13"
16				22		P33	2		GRD
17				23		P32	2		GRD
18				18	1472 0817	P32	3	SOLDER	ASPC2014 13"
19				19	1471 5635	P2	H	1472 0817	ASPC2014 13"
20				24			K		ASPC2014 13"
21				25	1471 5635		J		ASPC2014 13"
22							B		+24V 61"
23							A		GRD 64"
24							D		K2 COIL 2"
25							F	1472 0817	K3 COIL 2"

WIRE NO	CONDUCTOR		FROM			TO			REMARKS
	SIZE	COLOR	PART REF DES	TERMINAL	TYPE OF TERMINATION	PART REF DES	TERMINAL	TYPE OF TERMINATION	
26	18	WHT	FF6	A (2)	---	P3	47	1472 0817	+12VML 48
27			FF9	A	1471 9884	P3	46	1472 0817	-12V 42
28			P1	7 (2)	---	P1	11	1471 5635	+12V 2
29			P1	12 (2)	---	P1	37	1471 5635	-12V 2
30	18	WHT	P1	34	1471 5635	P1	38	1471 5635	JUMPER 2
31	18	WHT	FE1	---	1472 8109	P3	48	1472 0817	GRD 62
32									
33									
34									
35									
36									
37									
38									
39									
40									
41									
42									
43									
44									
45									
46									
47									
48									
49									
50									

NOTES:

- (2) INDICATES TWO WIRES TO GIVE TERMINATION.
- LENGTH INDICATES "CUT LENGTH" OF WIRE.

DRAWN
 H. B. HANS
 6-1-76
 CHECKED
 DATE
 DESIGNED ENGR
 DATE
 APPROVED
 DATE

Burroughs Corporation **B**
 COMPUTER SYSTEMS GROUP
 DOWNTOWN PA 19335
 DOWNTOWN PLANT
 U.S. AMERICA
 TITLE
 WIRE LIST
 HARNESS ASSY, LOGIC POWER

PROPRIETARY TO BURROUGHS CORP. - NOT TO BE REPRODUCED, NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT

SHEET 1 OF 1
 DWG NO 2608 6052

180

CC 2-9520

DWG NO.
2608 6264


SHEET 1 OF 1

RELEASED
A REL ER 120
by J. J. 217

WIRE NO.	CONDUCTOR		FROM			TO			REMARKS	WIRE NO.	CONDUCTOR		FROM			TO			REMARKS	
	SIZE	COLOR	PART REF DES	TERMINAL	TYPE OF TERMINATION	PART REF DES	TERMINAL	TYPE OF TERMINATION			SIZE	COLOR	PART REF DES	TERMINAL	TYPE OF TERMINATION	PART REF DES	TERMINAL	TYPE OF TERMINATION	SIGNAL NAME	LENGTH
1			AT2	1		FCR7	K		+5V SEC	1-26	8	WHT	LOGIC RACK	IB2	1447 5792	FF17	A	STRIP .50 IN	+5V	31"
2				3		FCR8	K		+5V SEC	1-27				IC0		FF17	A			
3		PLK		2		FE4			+5V SEC	1-28				IC4		FF16	A			
4		RED		11		AC2	1			1-29				ID2		FF16	A			
5		RED		12		AC2	2			1-30				IG2		FF15	A			
6		WHT		13		HTB3	B4		AC LINE A	1-31				IH2		FF15	A			31"
7		WHT		14		HTB3	A7		NEUT	1-32				IK2		FF13	A			17"
8		SHDSE	AT2	FRAME		AE2			GRD	1-33				IJ9		FF13	A			17"
9		WHT	AT1	1		FCR1	A		12/24V SEC	1-34				IL4		FF14	A			17"
10				2		FCR3	K			1-35	8	WHT	LOGIC RACK	IM2	1447 5792	FF14	A	STRIP .50 IN	+5V	17"
11				3		FE2				1-36	10	GRN/YEL		FE2	1448 8522	AE3		1448 8522	GRD	20"
12				4		FCR4	K			1-37										
13		WHT		5		FCR6	A		12/24V SEC	1-38										
14		RED		6		AC1	1			1-39										
15		RED		7		AC1	2			1-40										
16		WHT		8		HTB2	B7		AC LINE A	1-41										
17		WHT		9		HTB2	A7		NEUT	1-42										
18		SHDSE	AT1	FRAME		AE3			GRD	1-43										
19		WHT				HCB1	1		AC LINE A	1-44										
20		WHT				HCB1	2		AC LINE B	1-45										
21		WHT				HTB2	A0		NEUT	1-46										
22		WHT				AE1			GRD	1-47										
23										1-48										
24										1-49										
25										1-50										

NOTES:

DRAWN	DATE
H BURKANG	8-23-76
CHECKED	DATE
DEGN or ENGR	DATE
APPROVED	DATE
	8/24/76

Burroughs Corporation 

COMPUTER SYSTEMS GROUP
DOWNTOWN, PA. 19335

DOWNTOWN PLANT
U.S. AMERICA

TITLE WIRE LIST
HARNES ASSY, PUR SUP GROUP - DOMESTIC

SHEET 1 OF 1
DWG NO 2608 6264

PROPRIETARY TO BURROUGHS CORP. -- NOT TO BE REPRODUCED, NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT

181

UWG NO.

2608 7676

SHEET 1 OF 2

RELEASED

A IDEL ER #120

2-30-74 R77

B ECN5226 SH1,2

9810-5-76

WIRE NO	CONDUCTOR		FROM			TO			REMARKS	WIRE NO	CONDUCTOR		FROM			TO			REMARKS
	SIZE	COLOR	PART REF DES	TERMINAL	TYPE OF TERMINATION	PART REF DES	TERMINAL	TYPE OF TERMINATION			SIZE	COLOR	PART REF DES	TERMINAL	TYPE OF TERMINATION	PART REF DES	TERMINAL	TYPE OF TERMINATION	
1			AT2	1		FCR7	K		+5V SEC	1-26	12	WHT	AT1	1		FCR1	A		12/24V SEC
2				3		FCR8	K		+5V SEC	1-27	12			2		FCR3	K		
3	2	BLK		2		FE4			+5V SEC	1-28	8			3		FE2			
4	14	RED		11		AC2	1			1-29	12			4		FCR4	K		
5		RED		12		AC2	2			1-30	12	WHT		5		FCR6	K		12/24V SEC
6		WHT		13		ATB2	26	1527 0192	PRI 120V	1-31	16	RED		6		AC1	1		
7				14			22		113V	1-32		RED		7		AC1	2		
8				15			18		106V	1-33		WHT		8		ATB1	26	1471 9884	PRI 120V
9				16			14		96V	1-34				9			22		113V
10				17			10		S	1-35				10			18		106V
11				18			27		120V	1-36				11			14		96V
12				19			23		113V	1-37				12			10		S
13				20			19		106V	1-38				13			27		120V
14				21			15		96V	1-39				14			23		113V
15		WHT	AT2	22			11		PRI S	1-40				15			19		106V
16		GRY	HTB3	B4	1527 0192		6		AC LINE	1-41				16			15		96V
17		GRY	HTB3	A7	1527 0192	ATB2	7	1527 0192	NEUT	1-42		WHT	AT1	17			11		PRI S
18		GRY/BLK	AT2	FRAME		AE2			GRD	1-43		RED	HTB2	B7	1471 9884		6		AC LINE
19		WHT/BLK	ATB2	1	1527 0192	ATB2		1527 0192	SEE NOTE 1	1-44		BLK	HTB2	A7	1471 9884	ATB1	7	1471 9884	NEUT
20		WHT/BLK	ATB2	5		ATB2				1-45	16	GRN/YEL	AT1	FRAME		AE3			GRD
21		WHT/BLK	ATB2	9		ATB2				1-46		LINE CORD				HCBI	1		AC LINE
22		WHT/BLK	ATB1	1		ATB1				1-47		LINE CORD				HCBI	2		NEUT
23		WHT/BLK	ATB1	5		ATB1				1-48		LINE CORD				AE1			GRD
24	14	WHT/GRN	ATB1	9	1527 0192	ATB1		1527 0192	SEE NOTE 1	1-49									
25										1-50									

NOTES:

- SEE DECAL ON COVER FOR TRANSFORMER CONNECTIONS.
- ◀ DENOTES TWISTED PAIR.

DRAWN H. BURHANS 8-23-76

CHECKED DATE

DESIGN OR ENGR DATE

APPROVED DATE 24 AUG 76

Burroughs Corporation COMPUTER SYSTEMS GROUP
DOWNTOWN, PA 19335DOWNTOWN PLANT
U.S. AMERICA

TITLE WIRE LIST

HARNESSES ASSY, I/PWR SUP GROUP - INTERNATIONAL

SHEET DWG NO

1 OF 2

2608 7676

CC 2-9520

PROPRIETARY TO BURROUGHS CORP. -- NOT TO BE REPRODUCED, NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT

DWG NO.

2608 7676

SHEET 2 OF 2

REVISIONS

B ECN 5226
68 10-15-76

WIRE NO.	CONDUCTOR			FROM			TO			REMARKS	WIRE NO.	CONDUCTOR			FROM			TO			REMARKS	LENGTH
	SIZE	COLOR	PART REF DES	TERMINAL	TYPE OF TERMINATION	PART REF DES	TERMINAL	TYPE OF TERMINATION	PART REF DES			TERMINAL	TYPE OF TERMINATION	SIZE	COLOR	PART REF DES	TERMINAL	TYPE OF TERMINATION	PART REF DES	TERMINAL		
1	16	BLK	AT3	1	—	ATB3	23	1471 9884	COM	2-26	8	WHT	LOGIC RACK	IB2	1447 5792	FF17	A	STRIP, 50 IN	+5V	31 IN		
2				2	—		22		100V	2-27				IC0		FF17	A					
3				3	—		19		110V	2-28				IC4		FF16	A					
4				4	—		18		115V	2-29				ID2		FF16	A					
5				5	—		15		120V	2-30				IG2		FF15	A					
6				6	—		14		127V	2-31				IH2		FF15	A			31 IN		
7				7	—		11		200V	2-32				IK2		FF13	A			17 IN		
8				8	—		10		220V	2-33				IJ9		FF13	A			17 IN		
9				9	—		7		230V	2-34				IL4		FF14	A			17 IN		
10		BLK	AT3	10	—		6		240V	2-35	8	WHT	LOGIC RACK	IM2	1447 5792	FF14	A	STRIP, 50 IN	+5V	17 IN		
11		RED	FF1	A	1742 5083		3		AC LINE	2-36	10	GRN/YEL	FE2	—	1448 8522	AE3	—	1448 8522	GRD	20 IN		
12		RED	HTB2	B6	1471 9884		2		AC LINE	2-37												
13		BLK	HTB2	A6	1471 9884	ATB3	24	1471 9884	NEUT	2-38												
14		GRN/YEL	AT3	FRAME	—	AE2	—	—	GRD	2-39												
15		RED/WHT	ATB3	16	1471 9884	ATB3	—	1471 9884	SEE NOTE 1	2-40												
16		RED/WHT	ATB3	1	1471 9884	ATB3	—	1471 9884	SEE NOTE 1	2-41												
17										2-42												
18										2-43												
19										2-44												
20										2-45												
21										2-46												
22										2-47												
23										2-48												
24										2-49												
25										2-50												

NOTES:

DRAWN H. BUKHANS 8-23-76
 CHECKED DATE
 DSGN OR ENGR DATE
 APPROVED DATE
3/11/76 8/24/76

Burroughs Corporation 

COMPUTER SYSTEMS GROUP DOWNINGTOWN PA 19335 DOWNINGTOWN PLANT U.S. AMERICA

TITLE WIRE LIST
HARNES ASSY, PWR SUP GROUP - INTERNATIONAL

SHEET 2 OF 2 DWG NO

2608 7676

PROPRIETARY TO BURROUGHS CORP. - NOT TO BE REPRODUCED, NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT

CC 29520

DWG NO.
2608 6066

SHEET 1 OF 1


RELEASED
A
REL 62-120
8-30-76 R17

WIRE NO.	CONDUCTOR		FROM			TO			REMARKS	LENGTH	WIRE NO.	CONDUCTOR		FROM			TO			REMARKS
	SIZE	COLOR	PART REF DES	TERMINAL	TYPE OF TERMINATION	PART REF DES	TERMINAL	TYPE OF TERMINATION				SIGNAL NAME	SIZE	COLOR	PART REF DES	TERMINAL	TYPE OF TERMINATION	PART REF DES	TERMINAL	
1-1	20	BLK	PI	H (2)	1472 0817	B6	1 (2)	1473 3042	AC LINE B	66 _{in}	26									
1-2		BLU	PI	K (2)	1472 0817	B6	2 (2)		NEUT	66 _{in}	27									
1-3		BLK	B6	1 (2)	—	B7	1		AC LINE B	8 _{in}	28									
1-4		FLU	B6	2 (2)	—	B7	2		NEUT	8 _{in}	29									
1-5		BLK	PI	H (2)	—	B5	1		AC LINE B	25 _{in}	30									
1-6	20	BLU	PI	K (2)	—	B5	2	1473 3042	NEUT	25 _{in}	31									
1-7	18	WHT		A	1472 0817	B52	C	SOLDER	PWR ON	76 _{in}	32									
1-8		BLK		C		B52	NO		PWR ON	76 _{in}	33									
1-9		WHT		L		B51	NC		PWR OFF	76 _{in}	34									
1-10	18	BLK	PI	M	1472 0817	B51	C	SOLDER	PWR OFF	76 _{in}	35									
1-11											36									
1-12											37									
1-13											38									
1-14											39									
1-15											40									
1-16											41									
1-17											42									
1-18											43									
1-19											44									
1-20											45									
1-21											46									
1-22											47									
1-23											48									
1-24											49									
1-25											50									

NOTES:

- ↑ INDICATES TWISTED PAIR.
- CHINA SLEEVING ON ALL 1473 3042 TERMINALS & ON B51 & B52 SOLDER CONNECTIONS.
- (2) INDICATES TWO WIRES TO ONE TERMINATION.
- LENGTH INDICATES "CUT LENGTH" OF WIRE.

DRAWN	DATE
H. BURMAN	8-5-76
CHECKED	DATE
<i>[Signature]</i>	8-16-76
DESIGN OR ENGR	DATE
APPROVED	DATE
<i>[Signature]</i>	

Burroughs Corporation 

COMPUTER SYSTEMS GROUP
DOWNTOWN, PA 19335

DOWNTOWN PLANT
U.S. AMERICA

TITLE: **WIRE LIST**
HARNESS ASSY, AC POWER & FANS

CC 2-9520

PROPRIETARY TO BURROUGHS CORP. — NOT TO BE REPRODUCED, NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT

DWG NO.
2608 5647

SHEET 1 OF 1

RELEASED


A REL 6/2 1/20
R17
B-30-76

WIRE NO.	CONDUCTOR		FROM			TO			REMARKS		WIRE NO.	CONDUCTOR		FROM			TO			REMARKS
	SIZE	COLOR	PART REF DES	TERMINAL	TYPE OF TERMINATION	PART REF DES	TERMINAL	TYPE OF TERMINATION	SIGNAL NAME	LENGTH		SIZE	COLOR	PART REF DES	TERMINAL	TYPE OF TERMINATION	PART REF DES	TERMINAL	TYPE OF TERMINATION	
1	18	WHT	R1	1	SOLDER	C1	+	1535 1695	+24V	8 IN	26									
2			R1	2		C2	-		GRD	8.75 IN	27									
3			R2	1		C2	+		+12V	7.50 IN	28									
4			R2	2		C4	-		-12V	18.50 IN	29									
5			R3	1		C9	-		+5V	3 IN	30									
6	15	WHT	K3	2	SOLDER	C13	+	1535 1695	GRD	3 IN	31									
7	12	BRN	CR2	A	1321 9258	CR3	K	1321 9258	12VAC	8 IN	32									
8	12	WHT	CR5	A	1321 9258	CR4	K	1321 9258	12VAC	8 IN	33									
9	16	RED	F5	A	1471 9884	GTB1	B1	1471 9884	+12V	15 IN	34									
10			F8	A		GTB1	A8		-12V	18 IN	35									
11	16	RED	F12	A	1471 9884	GTB1	A3	1471 9884	+5V	14 IN	36									
12											37									
13	2	BLK	FE4	-	2602 4430	AT2	2	2602 4430	+5V SEE NOTE #1	7 IN	38									
14											39									
15											40									
16											41									
17											42									
18											43									
19											44									
20											45									
21											46									
22											47									
23											48									
24											49									
25											50									

NOTES:

- CONNECTION COMPLETED UPON INSTALLATION IN FRAME.
- SLEEVE WIRE #1-13 TERMINATIONS WITH ITEM #12.

DRAWN	DATE
H. BURHANS	8-11-76
CHECKED	DATE
DESIGN OR ENGR	DATE
APPROVED	DATE
<i>S. M. H.</i>	24 AUG 76

Burroughs Corporation 

COMPUTER SYSTEMS GROUP
DOWNTOWN, PA. 19335

DOWNTOWN PLANT
U.S. AMERICA

TITLE: WIRE LIST

WIRING HARNESS, CAP/RECT. ASSY

SHEET 1 OF 1 DWG NO 2608 5647

CC2-9520

PROPRIETARY TO BURROUGHS CORP. - NOT TO BE REPRODUCED, NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT

185

DWG NO.

2608 6157

SHEET 1 OF 1

RELEASED


A RELEASED
 PER 2853
 8-2-76

WIRE NO	CONDUCTOR			FROM			TO			REMARKS	
	SIZE	COLOR	PART REF DES	TERMINAL	TYPE OF TERMINATION	PART REF DES	TERMINAL	TYPE OF TERMINATION	SIGNAL NAME	LENGTH	
1	20	BLU	B1	1	1473 3042	B2	1 (2)	1473 3042	AC LINE	8"	
2	↑	↑	B2	1 (2)	—	B3	1 (2)	1473 3042	↑	↑	
3	↑	↑	B3	1 (2)	—	B4	1 (2)	1473 3042	↓	↓	
4	↑	↑	B4	1 (2)	—	B5	1	1449 1062	AC LINE	↓	
5	↑	↑	B1	2	1473 3042	B2	2 (2)	1473 3042	AC NEUT	↓	
6	↑	↑	B2	2 (2)	—	B3	2 (2)	1473 3042	↑	↑	
7	↓	↓	B3	2 (2)	—	B4	2 (2)	1473 3042	↓	↓	
8	20	BLU	B4	2 (2)	—	B5	2	1449 1062	AC NEUT	8"	
9											
10											
11											
12											
13											
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48											
49											
50											

NOTES:

- (2) INDICATES TWO WIRES TO ONE TERMINATION.
- USE SHRINK SLEEVING ON ALL TERMINALS.
- CUT ALL WIRES 8 INCHES LONG.

DRAWN	H. BURNIANS	DATE	6-2-76
CHECKED	18. B. Burnians	DATE	7-14-76
DSGN OR ENGR		DATE	
APPROVED		DATE	
		DATE	8-10-76

Burroughs Corporation 

COMPUTER SYSTEMS GROUP
 DOWNTOWN PA 19335

DOWNTOWN PLANT
 U.S. AMERICA

TITLE WIRE LIST
 HARNESS ASSY, FAN TRAY

PROPRIETARY TO BURROUGHS CORP. - NOT TO BE REPRODUCED, NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT

SHEET 1 OF 1 DWG NO 2608 6157

281

cc 2-9520


DWG NO. 2609 5026
 SHEET 1 OF 1
 RELEASED
 REC'D PER-BUR
 6/24/70 R15
 A

REFERENCE DOCUMENTS	
TYPE	PART NO.
ASSEMBLY	2609 4987
SCHMATIC	
PARTS LIST	2609 5018

WIRE NO.	CONDUCTOR		FROM			TO			REMARKS	WIRE NO.	CONDUCTOR		FROM			TO			REMARKS
	SIZE	COLOR	PART REF DES	TERMINAL	TYPE OF TERMINATION	PART REF DES	TERMINAL	TYPE OF TERMINATION			SIZE	COLOR	PART REF DES	TERMINAL	TYPE OF TERMINATION	PART REF DES	TERMINAL	TYPE OF TERMINATION	
1	22	BRN	—	1	SOLDER	—	3	SOLDER		26									
2										27									
3										28									
4										29									
5										30									
6										31									
7										32									
8										33									
9										34									
10										35									
11										36									
12										37									
13										38									
14										39									
15										40									
16										41									
17										42									
18										43									
19										44									
20										45									
21										46									
22										47									
23										48									
24										49									
25										50									

NOTES:

DRAWN H. HANSELL DATE 8-12-70
 CHECKED G. Buckner DATE 8-18-70
 DSGN OR ENGR DATE
 APPROVED S. Phoenix DATE 8-18-70

Burroughs Corporation 
 COMPUTER SYSTEMS GROUP DOWNINGTOWN, PA 19335 U.S. AMERICA
 TITLE WIRE LIST SWITCH ASSY
 CLASS CODE 2-9520
 SHEET 1 OF 1 DWG NO 2609 5026
 PLT. NO. 038

PROPRIETARY TO BURROUGHS CORP. - NOT TO BE REPRODUCED, NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT

187

DWG NO. 2609 5000
 SHEET 1 OF 1
 A REL ERWZO
 8-24-76 R/S


REFERENCE DOCUMENTS

TYPE	PART NO.
ASSEMBLY	2609 4979
SCHEMATIC	
PARTS LIST	2609 4995

WIRE NO	CONDUCTOR		FROM			TO			REMARKS	WIRE NO	CONDUCTOR		FROM			TO			REMARKS
	SIZE	COLOR	PART REF DES	TERMINAL	TYPE OF TERMINATION	PART REF DES	TERMINAL	TYPE OF TERMINATION			SIZE	COLOR	PART REF DES	TERMINAL	TYPE OF TERMINATION	PART REF DES	TERMINAL	TYPE OF TERMINATION	
1	22	BRN	—	A-NC	SOLDER	—	1	SOLDER		26									
2	22	BRN	—	A-NO	SOLDER	—	3	SOLDER		27									
3										28									
4										29									
5										30									
6										31									
7										32									
8										33									
9										34									
10										35									
11										36									
12										37									
13										38									
14										39									
15										40									
16										41									
17										42									
18										43									
19										44									
20										45									
21										46									
22										47									
23										48									
24										49									
25										50									


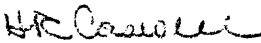
NOTES:

DRAWN H. HANSELL 8-12-76
 CHECKED [Signature] 8-18-76
 DSGN or ENGR DATE
 APPROVED [Signature] 8-18-76
 DATE

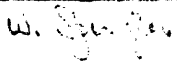
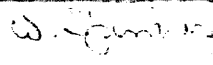

Burroughs Corporation 
 COMPUTER SYSTEMS GROUP DOWNINGTOWN, PA 19335
 DOWNTOWN PLANT U.S. AMERICA
 TITLE WIRE LIST
 SWITCH ASSY
 CLASS CODE 2-9520
 SHEET 1 of 1 DWG NO 2609 5000
 PLT. NO 038

PROPRIETARY TO BURROUGHS CORP. — NOT TO BE REPRODUCED, NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT

881

Burroughs Corporation COMPUTER SYSTEMS GROUP DOWNINGTOWN PLANT DOWNINGTOWN, PENNSYLVANIA 19335			<small>PROPRIETARY TO BURROUGHS CORP. NOT TO BE REPRODUCED NOR USED FOR TRAINING OR OTHER PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT</small>	NUMBER 2605 0104	REV D
PREPARED BY P. Heckman 4/1/75		APPROVED BY  5/1/75		TITLE WIRING PROCEDURE, HARDWARE MEMORY ADDRESS LIMIT	
		ORIGINAL RELEASE DATE 5-2-75		PAGE 1 OF 3	

REVISIONS

LEVEL	DESCRIPTION	DATE	APPROVED
A	Released Per ER#106 REV02	5-2-75	
B	Revised per ECN 4227 to correct Table I logic backplane pin grounds. Pages affected: 1,2.	7/30/75	
C	Revised per ECN 4843 to expand Table I to 40K words and Table II to cover B711-3, B771-1, and B772-1. Pages affected: All.	3-2-76	
D	Revised per ECN 5546 to include B721, B776, B800, B866, and B876 systems. Pages affected: All	1-11-77	

2605 0104



1. SCOPE

1.1 This document establishes the wiring procedure for setting the hardware memory address limit for B700 and B800 Central Processing Units for memory configurations from 8K to 64K words. The address limit to be hardwired into the logic backplane is determined by factory order or field modification requirements.

2. PROCEDURE

2.1 To establish the hardware memory address limit, logic backplane pins associated with the Shared Memory Control 4 (SM4 or SM4S) Board shall be grounded to pin 1A in accordance with Table I for memory configurations from 8K to 64K words. The logic backplane locations for SM4/SM4S pins by systems is given in Table II.

Table I. Hardware Memory Address Limit

Address Limit		Logic Backplane Pins				
K-Words	K-Bytes	1D	1E	2D	2E	2F
4	8					
8	16	L	L	L	L	H
12	24	L	L	H	L	L
16	32	L	L	H	L	H
20	40	L	H	L	L	L
24	48	L	H	L	L	H
28	56	L	H	H	L	L
32	64	L	H	H	L	H
36	72	L	L	L	H	L
40	80	L	L	L	H	H
44	88	L	L	H	H	L
48	96	L	L	H	H	H
52	104	L	H	L	H	L
56	112	L	H	L	H	H
60	120	L	H	H	H	L
64	128	L	H	H	H	H

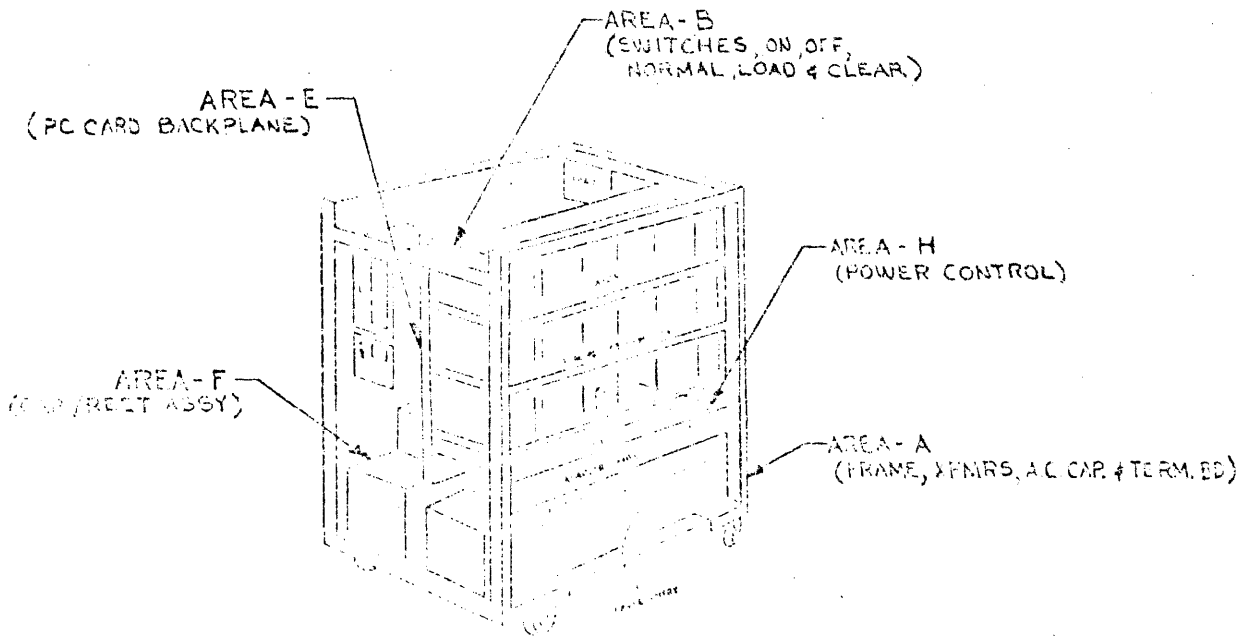
Notes: (1) L = Ground; H = Floating.

(2) Maximum Memory Limit: B711-2 (24KW); B711-3 (40KW); B771-1 & B772-1 (28KW); B800 (56KW); B876 (64KW); B721, B776, and B866 (48KW).



Table II. Logic Backplane Locations (SM4 or SM4S)

Logic Backplane Locations for SM4/SM4S Pins by Systems (SM4 - 700 Series; SM4S - 800 Series)						
	B711-2	B711-3	B721 & B776	B771-1 & B772-1	B800 & B866	B876
1D	FP4D	FL7D	FE2D	FN5D	DJ9D	FD6D
1E	FP4E	FL7E	FE2E	FN5E	DJ9E	FD6E
2D	FP5D	FL8D	FE3D	FN6D	DJ0D	FD7D
2E	FP5E	FL8E	FE3E	FN6E	DJ0E	FD7E
2F	FP5F	FL8F	FE3F	FN6F	DJ0F	FD7F



AREA DESIGNATIONS FOR B800

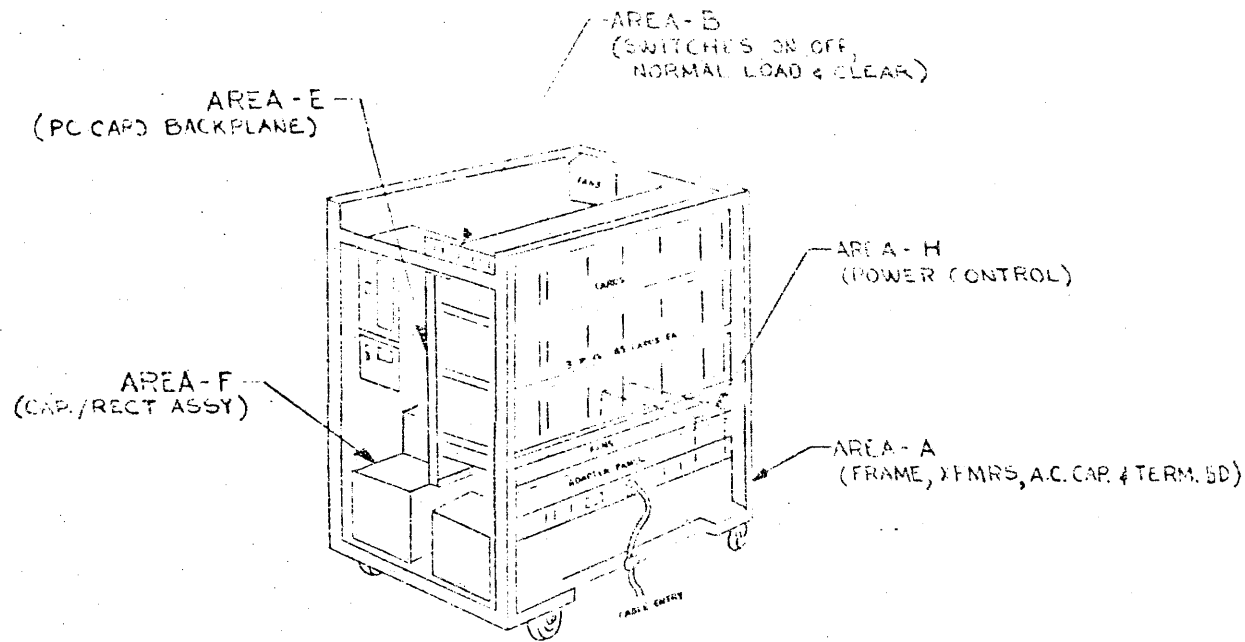
2846 3008

A

192

AREA DESIGNATIONS
B800 PROCESSOR

181 2846 3008



AREA DESIGNATIONS FOR BE66

DATE	NO
2846 3016	
DATE	
A	

DATE	NO	DATE	NO
2846 3016		2846 3016	
AREA DESIGNATION		AREA DESIGNATION	
BE66 PROCESSOR		BE66 PROCESSOR	
DATE		DATE	
A		A	

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NUMBER

2849 3278

REV

A

TITLE

CROSS REFERENCE
I/O PIN TO B/P PIN
8800/B866

PREPARED BY

G. BUEHLER

12-1-76

APPROVED BY

ORIGINAL RELEASE DATE

12/2/76

PAGE 1 OF 3

A REL PER ER 120

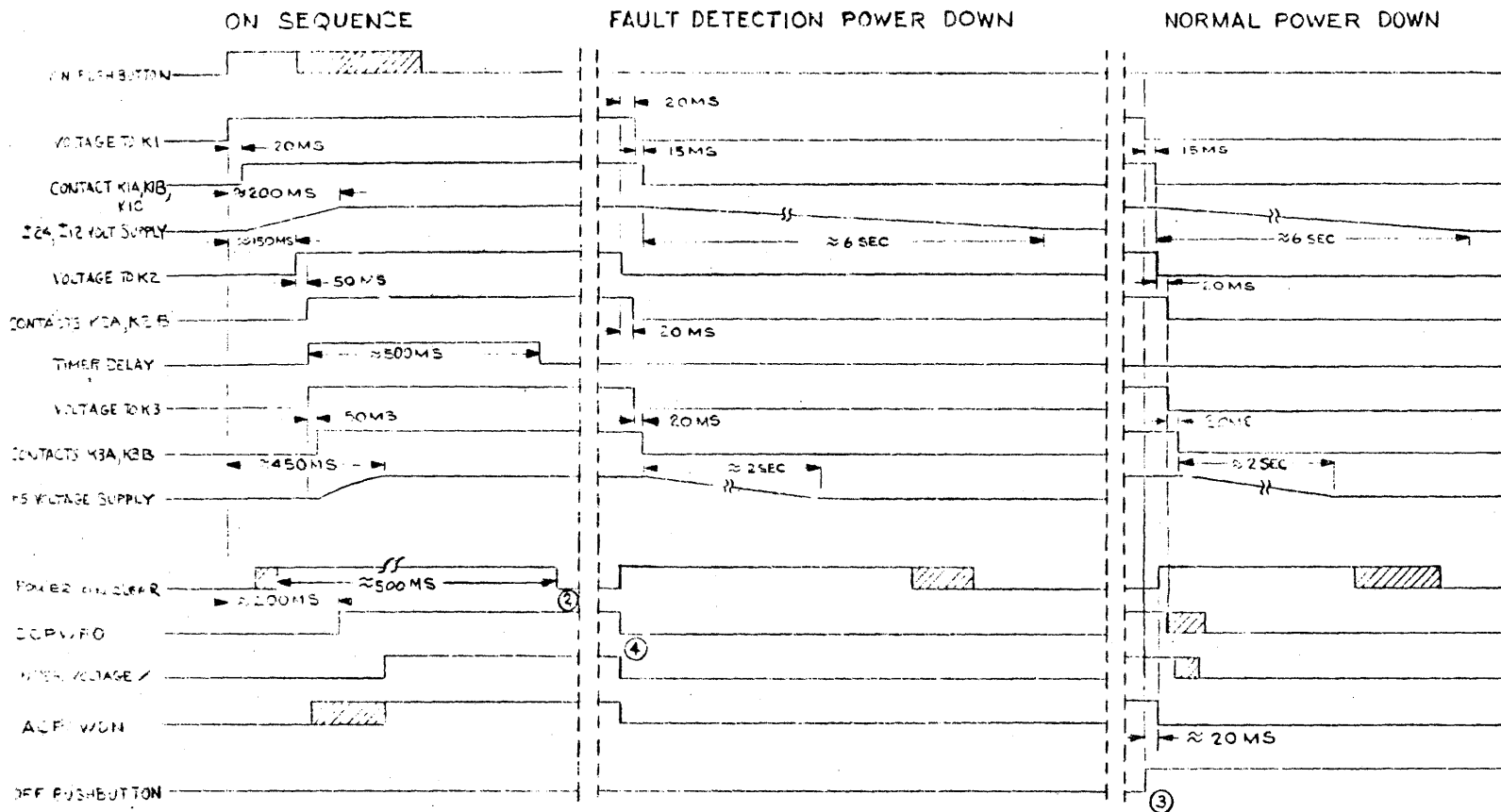
2849 3278

R800 / B866		2849 3278 CONNECTOR NO. AND CORRESPONDING BACKPLANE PIN NO.																		
CONN. NO.	PIN	EJ19	FJ18	EJ17	FJ16	EJ15	FJ14	EJ13	FJ12	EJ11	FJ10	EJ9	FJ8	EJ7	FJ6	EJ5	FJ4	EJ3	FJ2	FJ1
1	HM7A	HM0A	HL3A	HK6A	HJ9A	HJ2A	H15A	HM8A	HM1A	HG4A	HF7A	HF0A	HE3A	HD6A	HC9A	HC2A	HB5A	HAB8A	HA1A	
2	HM8A	HM1A	HL4A	HK7A	HK0A	HJ3A	H16A	HM9A	HM2A	HG5A	HF8A	HF1A	HE4A	HD7A	HD0A	HC3A	HB6A	HA9A	HA2A	
3	HM9A	HM2A	HL5A	HK8A	HK1A	HJ4A	H17A	H10A	HM3A	HG6A	HF9A	HF2A	HE5A	HD8A	HD1A	HC4A	HB7A	HA0A	HA3A	
4	HM0A	HM3A	HL6A	HK9A	HK2A	HJ5A	H18A	H11A	HM4A	HG7A	HG0A	HF3A	HE6A	HD9A	HD2A	HC5A	HB8A	HA1A	HA4A	
5	HM1A	HM4A	HL7A	HK0A	HK3A	HJ6A	H19A	H12A	HM5A	HG8A	HG1A	HF4A	HE7A	HE0A	HD3A	HC6A	HB9A	HA2A	HA5A	
6	HM7B	HM0B	HL3B	HK6B	HJ9B	HJ2B	H15B	HM8B	HM1B	HG4B	HF7B	HF0B	HE3B	HD6B	HC9B	HC2B	HB5B	HAB8B	HA1B	
7	HM8B	HM1B	HL4B	HK7B	HK0B	HJ3B	H16B	HM9B	HM2B	HG5B	HF8B	HF1B	HE4B	HD7B	HD0B	HC3B	HB6B	HA9B	HA2B	
8	HM9B	HM2B	HL5B	HK8B	HK1B	HJ4B	H17B	H10B	HM3B	HG6B	HF9B	HF2B	HE5B	HD8B	HD1B	HC4B	HB7B	HA0B	HA3B	
9	HM0B	HM3B	HL6B	HK9B	HK2B	HJ5B	H18B	H11B	HM4B	HG7B	HG0B	HF3B	HE6B	HD9B	HD2B	HC5B	HB8B	HA1B	HA4B	
10	HM1B	HM4B	HL7B	HK0B	HK3B	HJ6B	H19B	H12B	HM5B	HG8B	HG1B	HF4B	HE7B	HE0B	HD3B	HC6B	HB9B	HA2B	HA5B	
11	HM7C	HM0C	HL3C	HK6C	HJ9C	HJ2C	H15C	HM8C	HM1C	HG4C	HF7C	HF0C	HE3C	HD6C	HC9C	HC2C	HB5C	HAB8C	HA1C	
12	HM8C	HM1C	HL4C	HK7C	HK0C	HJ3C	H16C	HM9C	HM2C	HG5C	HF8C	HF1C	HE4C	HD7C	HD0C	HC3C	HB6C	HA9C	HA2C	
13	HM9C	HM2C	HL5C	HK8C	HK1C	HJ4C	H17C	H10C	HM3C	HG6C	HF9C	HF2C	HE5C	HD8C	HD1C	HC4C	HB7C	HA0C	HA3C	
14	HM0C	HM3C	HL6C	HK9C	HK2C	HJ5C	H18C	H11C	HM4C	HG7C	HG0C	HF3C	HE6C	HD9C	HD2C	HC5C	HB8C	HA1C	HA4C	
15	HM1C	HM4C	HL7C	HK0C	HK3C	HJ6C	H19C	H12C	HM5C	HG8C	HG1C	HF4C	HE7C	HE0C	HD3C	HC6C	HB9C	HA2C	HA5C	
16	HM7D	HM0D	HL3D	HK6D	HJ9D	HJ2D	H15D	HM8D	HM1D	HG4D	HF7D	HF0D	HE3D	HD6D	HC9D	HC2D	HB5D	HAB8D	HA1D	
17	HM8D	HM1D	HL4D	HK7D	HK0D	HJ3D	H16D	HM9D	HM2D	HG5D	HF8D	HF1D	HE4D	HD7D	HD0D	HC3D	HB6D	HA9D	HA2D	
18	HM9D	HM2D	HL5D	HK8D	HK1D	HJ4D	H17D	H10D	HM3D	HG6D	HF9D	HF2D	HE5D	HD8D	HD1D	HC4D	HB7D	HA0D	HA3D	
19	HM0D	HM3D	HL6D	HK9D	HK2D	HJ5D	H18D	H11D	HM4D	HG7D	HG0D	HF3D	HE6D	HD9D	HD2D	HC5D	HB8D	HA1D	HA4D	
20	HM1D	HM4D	HL7D	HK0D	HK3D	HJ6D	H19D	H12D	HM5D	HG8D	HG1D	HF4D	HE7D	HE0D	HD3D	HC6D	HB9D	HA2D	HA5D	
21	HM7E	HM0E	HL3E	HK6E	HJ9E	HJ2E	H15E	HM8E	HM1E	HG4E	HF7E	HF0E	HE3E	HD6E	HC9E	HC2E	HB5E	HAB8E	HA1E	
22	HM8E	HM1E	HL4E	HK7E	HK0E	HJ3E	H16E	HM9E	HM2E	HG5E	HF8E	HF1E	HE4E	HD7E	HD0E	HC3E	HB6E	HA9E	HA2E	
23	HM9E	HM2E	HL5E	HK8E	HK1E	HJ4E	H17E	H10E	HM3E	HG6E	HF9E	HF2E	HE5E	HD8E	HD1E	HC4E	HB7E	HA0E	HA3E	
24	HM0E	HM3E	HL6E	HK9E	HK2E	HJ5E	H18E	H11E	HM4E	HG7E	HG0E	HF3E	HE6E	HD9E	HD2E	HC5E	HB8E	HA1E	HA4E	
25	HM1E	HM4E	HL7E	HK0E	HK3E	HJ6E	H19E	H12E	HM5E	HG8E	HG1E	HF4E	HE7E	HE0E	HD3E	HC6E	HB9E	HA2E	HA5E	
26	HM7F	HM0F	HL3F	HK6F	HJ9F	HJ2F	H15F	HM8F	HM1F	HG4F	HF7F	HF0F	HE3F	HD6F	HC9F	HC2F	HB5F	HAB8F	HA1F	

CROSS-REFERENCE * I/O CONNECTOR PIN TO BACKPLANE PIN

		2849 3278 CONNECTOR NO. AND CORRESPONDING BACKPLANE PIN NO.																		
R800 / B866																				
CONN. NO.	PIN NO.	EJ19	FJ18	EJ17	FJ16	EJ15	FJ14	EJ13	FJ12	EJ11	FJ10	EJ9	FJ8	EJ7	FJ6	EJ5	FJ4	EJ3	FJ2	FJ1
27	HM8F	HM1F	HL4F	HK7F	HK0F	HJ3F	HI6F	HH9F	HH2F	HG5F	HF8F	HF1F	HE4F	HD7F	HD0F	HC3F	HB6F	HA9F	HA2F	
28	HM0F	HM2F	HL5F	HK8F	HK1F	HJ4F	HI7F	HH0F	HH3F	HG6F	HF9F	HF2F	HE5F	HD8F	HD1F	HC4F	HB7F	HA0F	HA3F	
29	HM0F	HM3F	HL6F	HK9F	HK2F	HJ5F	HI8F	HH1F	HH4F	HG7F	HF0F	HF3F	HE6F	HD9F	HD2F	HC5F	HB8F	HA1F	HA4F	
30	HM1F	HM4F	HL7F	HE0F	HK3F	HJ6F	HI9F	HH2F	HH5F	HG8F	HF1F	HF4F	HE7F	HE0F	HD3F	HC6F	HB9F	HA2F	HA5F	
31	HM7G	HM0G	HL3G	HK6G	HJ9G	HJ2G	HI5G	HH8G	HH1G	HG4G	HF7G	HF0G	HE3G	HD6G	HC9G	HC2G	HB5G	HA8G	HA1G	
32	HM8G	HM1G	HL4G	HK7G	HK0G	HJ3G	HI6G	HH9G	HH2G	HG5G	HF8G	HF1G	HE4G	HD7G	HD0G	HC3G	HB6G	HA9G	HA2G	
33	HM9G	HM2G	HL5G	HK8G	HK1G	HJ4G	HI7G	HH0G	HH3G	HG6G	HF9G	HF2G	HE5G	HD8G	HD1G	HC4G	HB7G	HA0G	HA3G	
34	HM0G	HM3G	HL6G	HK9G	HK2G	HJ5G	HI8G	HH1G	HH4G	HG7G	HF0G	HF3G	HE6G	HD9G	HD2G	HC5G	HB8G	HA1G	HA4G	
35	HM1G	HM4G	HL7G	HE0G	HK3G	HJ6G	HI9G	HH2G	HH5G	HG8G	HF1G	HF4G	HE7G	HE0G	HD3G	HC6G	HB9G	HA2G	HA5G	
36	HM7H	HM0H	HL3H	HK6H	HJ9H	HJ2H	HI5H	HH8H	HH1H	HG4H	HF7H	HF0H	HE3H	HD6H	HC9H	HC2H	HB5H	HA8H	HA1H	
37	HM8H	HM1H	HL4H	HK7H	HK0H	HJ3H	HI6H	HH9H	HH2H	HG5H	HF8H	HF1H	HE4H	HD7H	HD0H	HC3H	HB6H	HA9H	HA2H	
38	HM9H	HM2H	HL5H	HK8H	HK1H	HJ4H	HI7H	HH0H	HH3H	HG6H	HF9H	HF2H	HE5H	HD8H	HD1H	HC4H	HB7H	HA0H	HA3H	
39	HM0H	HM3H	HL6H	HK9H	HK2H	HJ5H	HI8H	HH1H	HH4H	HG7H	HF0H	HF3H	HE6H	HD9H	HD2H	HC5H	HB8H	HA1H	HA4H	
40	HM1H	HM4H	HL7H	HE0H	HK3H	HJ6H	HI9H	HH2H	HH5H	HG8H	HF1H	HF4H	HE7H	HE0H	HD3H	HC6H	HB9H	HA2H	HA5H	
41	HM7I	HM0I	HL3I	HK6I	HJ9I	HJ2I	HI5I	HH8I	HH1I	HG4I	HF7I	HF0I	HE3I	HD6I	HC9I	HC2I	HB5I	HA8I	HA1I	
42	HM8I	HM1I	HL4I	HK7I	HK0I	HJ3I	HI6I	HH9I	HH2I	HG5I	HF8I	HF1I	HE4I	HD7I	HD0I	HC3I	HB6I	HA9I	HA2I	
43	HM9I	HM2I	HL5I	HK8I	HK1I	HJ4I	HI7I	HH0I	HH3I	HG6I	HF9I	HF2I	HE5I	HD8I	HD1I	HC4I	HB7I	HA0I	HA3I	
44	HM0I	HM3I	HL6I	HK9I	HK2I	HJ5I	HI8I	HH1I	HH4I	HG7I	HF0I	HF3I	HE6I	HD9I	HD2I	HC5I	HB8I	HA1I	HA4I	
45	HM1I	HM4I	HL7I	HE0I	HK3I	HJ6I	HI9I	HH2I	HH5I	HG8I	HF1I	HF4I	HE7I	HE0I	HD3I	HC6I	HB9I	HA2I	HA5I	
46	HM7J	HM0J	HL3J	HK6J	HJ9J	HJ2J	HI5J	HH8J	HH1J	HG4J	HF7J	HF0J	HE3J	HD6J	HC9J	HC2J	HB5J	HA8J	HA1J	
47	HM8J	HM1J	HL4J	HK7J	HK0J	HJ3J	HI6J	HH9J	HH2J	HG5J	HF8J	HF1J	HE4J	HD7J	HD0J	HC3J	HB6J	HA9J	HA2J	
48	HM9J	HM2J	HL5J	HK8J	HK1J	HJ4J	HI7J	HH0J	HH3J	HG6J	HF9J	HF2J	HE5J	HD8J	HD1J	HC4J	HB7J	HA0J	HA3J	
49	HM0J	HM3J	HL6J	HK9J	HK2J	HJ5J	HI8J	HH1J	HH4J	HG7J	HF0J	HF3J	HE6J	HD9J	HD2J	HC5J	HB8J	HA1J	HA4J	
50	HM1J	HM4J	HL7J	HE0J	HK3J	HJ6J	HI9J	HH2J	HH5J	HG8J	HF1J	HF4J	HE7J	HE0J	HD3J	HC6J	HB9J	HA2J	HA5J	

CROSS-REFERENCE - I/O CONNECTOR PIN TO BACKPLANE PIN



- NOTES:
1. ALL TIMES ARE WORST CASE, UNLESS OTHERWISE NOTED.
 2. THE MACHINE CAN TURN OFF AT THIS POINT UNDER A FAULT CONDITION.
 3. OFF SWITCH DEPRESSED.
 4. PROGRAMMATIC POWER DOWN OR UNDERVOLTAGE FAULT.

DWG NO	2400 531
SHEET OF	
RELEASED	
A	11/11/74
E	11/11/74

6FN-QUAL-SPEC-1158-5343-APPX

TOLERANCES UNLESS OTHERWISE NOTED	DRAWN	DATE	Burroughs Corporation MAGNETIC SYSTEMS PLANT DOWNTOWN, PA 19311 U.S.AMERICA TITLE TIMING DIAGRAM AC CONTROL
.XXX ± .XX ± ANGLES ± °	CHECKED	DATE	
MATERIAL	DESIGNED BY	DATE	
HEAT TREATMENT	APPROVED	DATE	
SURFACE TREATMENT	SCALE	SHEET	DWG NO
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NUMBER

2849 3294

REV

A

TITLE
 5 VOLT TAP ADJUSTMENT PROCEDURE
 FOR PRODUCTION B800 AND B866
 CENTRAL PROCESSING UNITS

PREPARED BY

S. Mentler

S. Mentler

APPROVED BY

R. Hatton

R. Hatton

14 DEC 76

ORIGINAL RELEASE DATE

12-2-76

PAGE 1 OF 4

REVISIONS

LEVEL	DESCRIPTION	DATE	APPROVED
A	Initial Release. ER120 Rev. 42		

2849 3294



1. SCOPE

1.1 This document covers the tap adjustment procedure for the 5 volt power supply, when installed in the production B800 and B866 Central Processing Unit (CPU), to ensure that the voltage at the backplane is within specified limits.

2. REFERENCE DOCUMENTS

2608 3964	AC Control and Power Supply Schematic (Domestic and Canadian)
2608 7460	AC Control and Power Supply Schematic (International)

3. PREREQUISITIES

3.1 The following parameters are required to be within their specified limits during this procedure and should be as close to nominal values as possible. The mains voltage is measured under load at HTB2-B0 (line) and HTB2-A1 (neutral) for domestic units, and at HTB2-B0 (line) and HTB2-A0 (neutral) for international units.

(a) Mains Voltage

Domestic Service: 107 to 127 volts RMS

International Service: ± 5 to -10 percent of the specified nominal service

(b) Mains Frequency: ± 1 percent of the specified value

(c) Ambient Room Temperature: 50° to 104°F

3.2 All printed circuit (PC) cards shall be installed in the CPU. It is to be noted that the card complement of a CPU will vary depending on the number of peripheral devices and the size of the memory.

3.3 A voltmeter capable of measuring voltages within the range of 4.0 to 6.0 volts DC with a ± 1.0 percent accuracy of reading is required.

4. TAP ADJUSTMENT PROCEDURE

4.1 Count the total number of single L Type and memory PC cards in the CPU. For current demand purposes, a memory card is considered to be equivalent to three single L type cards; thus multiply the number of memory cards by three and add this number to the number of non-memory single L type cards.

4.2 Preadjust the tap leads of the constant voltage transformer (CVT) in accordance with Table I.



Table I. Tap Preadjustment

No. of Single L Type PC Cards (See 4.1)	Terminal No. of CVT for	
	Positive Lead	Negative Lead
50 - 102	1	2
103 - 159	1	1
160 - 200	2	1

4.3 Apply mains power and measure the 5 volt logic/memory backplane voltage at pin DK9A and ground on pin DK8A.

4.4 From Table II, determine the number of tap steps necessary using the logic/memory backplane voltage obtained in 4.3. Shutdown power and make the tap adjustment as described in 4.4.1 and 4.4.2. Only one step adjustment is normally required to obtain the required 4.90-5.10 volt band with a hot system or 4.95-5.15 volt band with a cold system. If two tap steps produce a logic/memory backplane voltage within the required voltage band, select the tap setting which produces the higher voltage.

4.4.1 A single boost (+) step consists of either:

- (a) Moving the negative lead to the next lower terminal number if positive lead is on terminal 1 and negative lead is on terminal other than terminal 1.
- (b) Moving the positive lead to the next higher terminal number if positive lead is on terminal 1.

4.4.2 A single buck (-) step consists of either:

- (a) Moving the positive lead to the next lower terminal number if negative lead is on terminal 1 and positive lead is on terminal other than terminal 1.
- (b) Moving the negative lead to the next higher terminal number if positive lead is on terminal 1.

NOTE: After completing the above procedure, it is desired that at least one lead (positive or negative) still be connected to terminal 1. This represents the preferred base condition from which initial and any subsequent field adjustments are made. Other settings where neither lead is on terminal 1 will work, but it is recommended that the preferred base condition be adopted as a standard.



Table II. Tap Adjustment

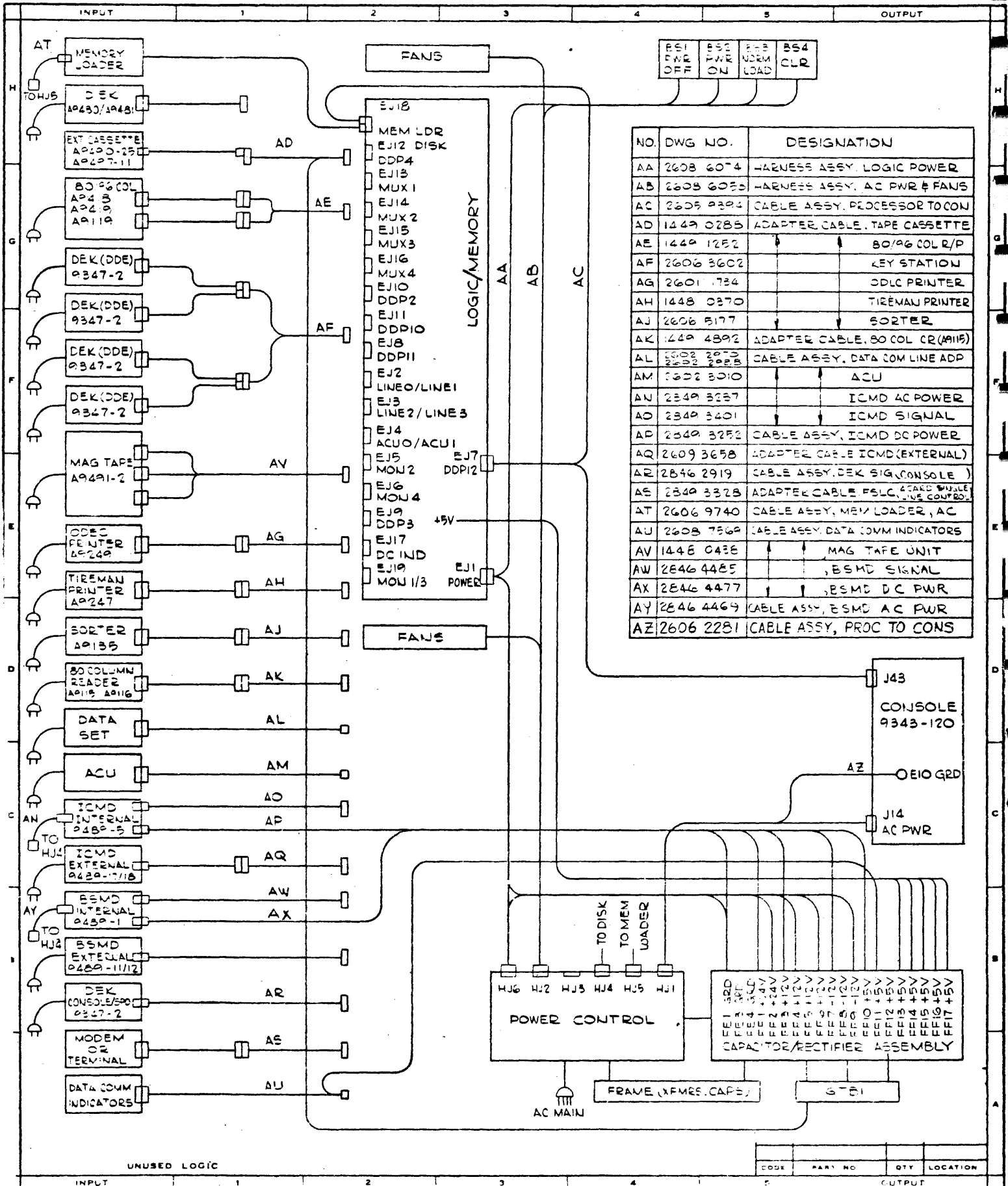
Logic/Memory Backplane Voltage (VDC)		No. of Tap Steps required Buck (-), Boost (+)
Cold System (See Note 1)	Hot System (See Note 2)	
4.08 - 4.24	4.03 - 4.19	+5
4.25 - 4.42	4.20 - 4.37	+4
4.43 - 4.59	4.38 - 4.54	+3
4.60 - 4.77	4.55 - 4.72	+2
4.78 - 4.94	4.73 - 4.89	+1
4.95 - 5.15	4.90 - 5.10	None
5.16 - 5.32	5.11 - 5.27	-1
5.33 - 5.50	5.28 - 5.45	-2
5.51 - 5.57	5.46 - 5.62	-3
5.68 - 5.85	5.63 - 5.80	-4
5.86 - 6.02	5.81 - 5.97	-5

- Notes: 1. A cold system is one which has been on for 30 minutes or less and was off for several hours preceding the turn on.
2. A hot system is one which has been on for more than 30 minutes, or was off for 15 minutes or less after having been on for several hours.

4.5 After the tap adjustment of 4.4, apply mains power and measure the 5 volt logic/memory backplane voltages at backplane locations DK9A, DM4A, and DA4A and their respective ground points DK8A, DM3A, and DA3A. The average of the three backplane readings shall be 4.90 to 5.15 volts for a hot system and 4.95 to 5.20 volts for a cold system.

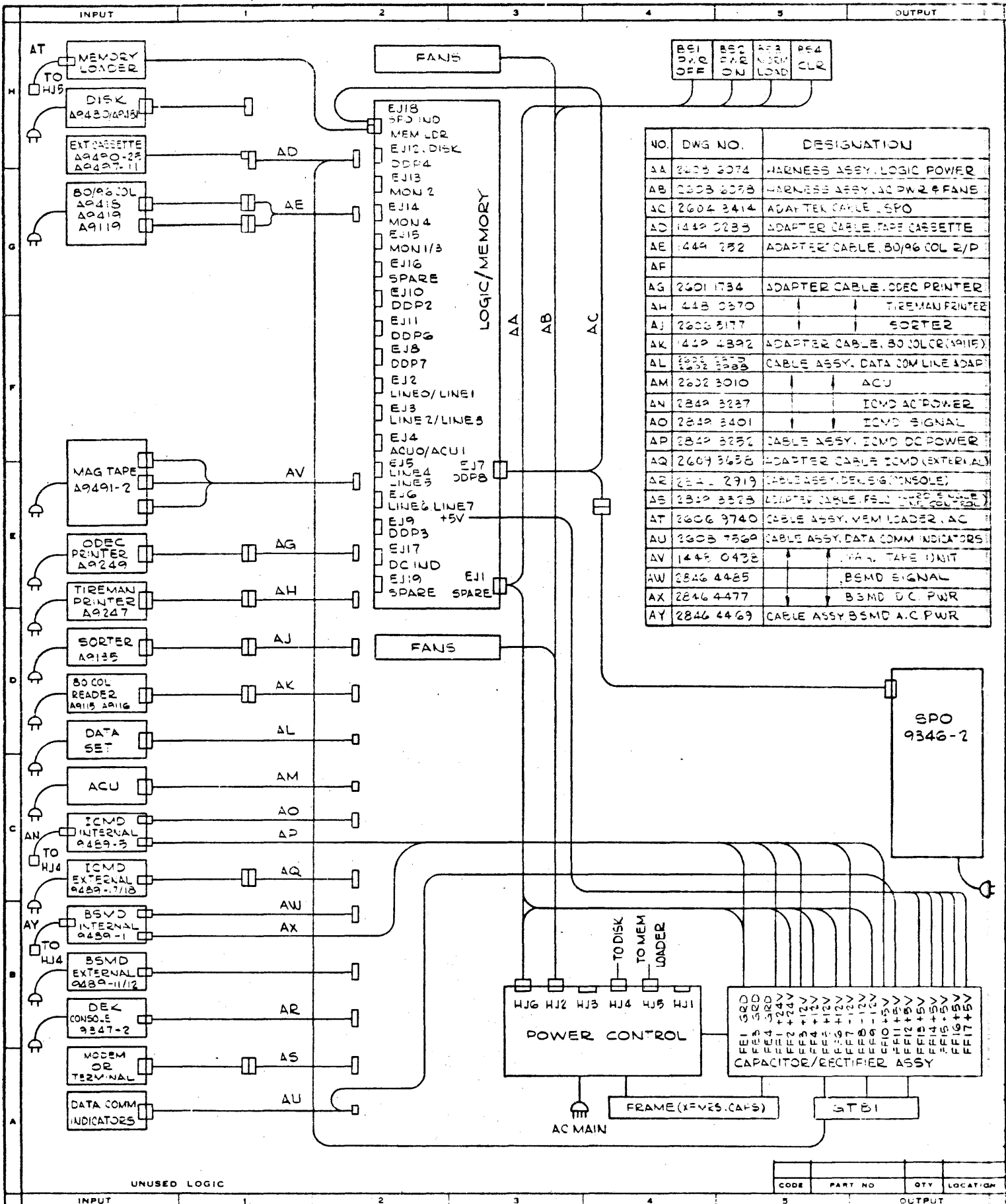
5. READJUSTMENT

5.1 If the number of PC cards is increased or decreased by more than 6 single L type cards or 2 memory cards, or if the average backplane voltage is outside the limits of 4.5, a readjustment of the tap setting is required.



NO.	DWG NO.	DESIGNATION
AA	2608 6074	HARNESS ASSY. LOGIC POWER
AB	2608 6059	HARNESS ASSY. AC PWR & FANS
AC	2609 9394	CABLE ASSY. PROCESSOR TO CON
AD	1449 0285	ADAPTER CABLE, TAPE CASSETTE
AE	1449 1252	80/96 COL R/P
AF	2606 3602	KEY STATION
AG	2601 1734	3DLC PRINTER
AH	1448 0270	TIREMAN PRINTER
AJ	2606 5177	SORTER
AK	1449 4892	ADAPTER CABLE, 80 COL CR (A9115)
AL	2602 2073 2602 2075 2602 2078	CABLE ASSY. DATA COM LINE ADP
AM	2602 3010	ACU
AN	2349 3237	ICMD AC POWER
AO	2349 3401	ICMD SIGNAL
AP	2349 3252	CABLE ASSY. ICMD DC POWER
AQ	2609 3658	ADAPTER CABLE ICMD (EXTERNAL)
AR	2846 2919	CABLE ASSY. DEK SIG. (CONSOLE)
AS	2349 3328	ADAPTER CABLE FSLC, 4745 SIGNAL, BUS CONTROL
AT	2606 9740	CABLE ASSY. MEM LOADER, AC
AU	2608 7569	CABLE ASSY. DATA COMM INDICATORS
AV	1448 0436	MAG TAPE UNIT
AW	2846 4485	BSMD SIGNAL
AX	2846 4477	BSMD DC PWR
AY	2846 4469	CABLE ASSY. BSMD AC PWR
AZ	2606 2281	CABLE ASSY. PROC TO CONS

CODE	PART NO.	QTY	LOCATION



UNUSED LOGIC

CODE	PART NO	QTY	LOCATION

Burroughs Corporation

COMPUTER SYSTEMS GROUP DOWNTOWN PLANT
DOWNTOWN PA 19133 U.S. AMERICA

REV SH A 1

REVISIONS

DATE: 1-11-68 BY: J. W. G. 203

TITLE: **CONNECTING DIAGRAM**

SHEET: 10 of 1 DWG NO: 2603 3010 CLASS CODE: 2-9520

PLT NO: 038 REV: A

DRAWING 44-131-25507

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NUMBER

2846 2323

REV

B

TITLE

INSTALLATION INSTRUCTIONS
FOR PGC CARD JUMPER
CONFIGURATION

PREPARED BY

D. Larson

APPROVED BY

B. Dinerman
H. Caswell

ORIGINAL RELEASE DATE

PAGE 1 OF 3

REVISIONS

LEVEL	DESCRIPTION	DATE	APPROVED
A	Initial Release		
B	Revised per ECN 5508. Pages affected: All.		H. Caswell H. Caswell

2846 2323

204



1. SCOPE

1.1 Scope.- This document defines the instructions for modifying the Paging Control Card (PGC) as used in the B776 and B800 series Processors.

1.2 Option items.- The PGC option consists of the following items:

<u>Quantity</u>	<u>Description</u>
1	PGC Board Assembly
1	Wire, #26 AWG
1	Backplane Map
1	Header Block

2. BOARDS AFFECTED

<u>Board</u>	<u>Location</u>
MPA17	See Backplane Map
MPB17	
MPA18	
MPB18	
PGC	See Backplane Map

3. INSTALLATION INSTRUCTIONS

3.1 Power off the processor.

3.2 Wire the plug-in header block terminals in accordance with Table I, after checking if the indicated cards are present. Mount the header block at location C9.



Table I

<u>Boards Affected</u>	<u>Header Block Pins</u>
MPC/D Boards 1 and 2 (Bipolar Memory)	4 to 11
MPC/D Boards 3 and 4 (Bipolar Memory)	2 to 13
MPA/B 17 and 18	1 to 14
ROM Loader (Not available on B776)	3 to 12

NOTE: Install jumpers between pins indicated if option boards are not present, remove jumpers if option is present.

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NUMBER

2603 7853

REV

E

TITLE

FIELD INSTALLATION INSTRUCTIONS FOR
8-KB MEMORY MODULE OPTION (B6 & B31-2)

PREPARED BY
H. Caswell
E. Trimbur

APPROVED BY
B. Dinerman
H. Marx

ORIGINAL RELEASE DATE

4-18-75

PAGE 1 OF 4

REVISIONS

LEVEL	DESCRIPTION	DATE	APPROVED
A	Initial Release. ER 95 Rev 33		
B	Revised per ECN 4842. Pages affected: 1 through 4.	4/9/76	W. Walsh H. R. Caswell
C	Revised per ECN 5132. Pages affected: 1, 2, & 4.	8/30/76	H. R. Caswell
D	Revised per ECN 5342 Pages affected: 1 & 2.	10/20/76	H. R. Caswell
E	Revised per ECN 5547. Pages affected: All	1-11-77	A. J. Dougherty

2603 7853



1. SCOPE

1.1 Scope.- This document defines the instructions for field installation of the B6 and B31-2 8-KB memory module option used to expand the basic processor memory in 8K-byte (4K-word) increments.

1.2 Memory Expansion.- No memory is included with the basic processor, however, backplane wiring is provided for maximum memory modules. Maximum system memory sizes are given below. The basic processor is normally shipped with memory specified by factory order. Memory modules are added in 8K-bytes as determined by user requirements.

System	Maximum Memory Size (Bytes)
B711-2	48K
B711-3	80K
B721	96K
B771-1	56K
B772-1	56K
B776	96K
* B800	112K
* B866	96K
* B876	128K

*Memory size does not include 16 KB micro-memory expansion (paging).

1.3 Option Identification and System Applicability.- The memory module option is used on all models of the B700/B800 systems, as follows:

	Memory Module Option		System
	M&E No.	Style No.	
*	2609 5273	B31-2	B711-2, B711-3, B721, B771-1, B772-1, B800, B866, B876
*	2609 5273	B6	B776

*Supersedes 2601 3425

1.4 Option Items.- The memory module option consists of the following items:

Quantity	Description
1	Circuit Card Assembly MPA
1	Circuit Card Assembly MPB
1	Decal



2. INSTALLATION INSTRUCTIONS

- (A) In accordance with memory expansion requirements, assign memory address limits in 8K-bytes as specified in Tables I and II.
- (B) In accordance with memory expansion requirements, insert circuit card assemblies MPA and MPB into logic/memory backplane locations as specified by backplane map.
- (C) If the memory modules are being installed as micro-memory expansion (paging) in a B776, B800, B866, or B876 system, the memories are installed in module locations 17 and 18 (see backplane map for specific backplane locations) and do not affect the address limit setting. See document 2846 2323 for installation instructions for proper reconfiguration of PGC circuit card assembly.
- (D) Affix decal to configuration plate to identify the option and its serial number.
- (E) Run appropriate MTR to test memory modules added.
- (F) Option installation is now completed.



Table I. Hardware Memory Address Limit

Address Limit		Logic Backplane Pins				
K-Words	K-Bytes	1D	1E	2D	2E	2F
4	8					
8	16	L	L	L	L	H
12	24	L	L	H	L	L
16	32	L	L	H	L	H
20	40	L	H	L	L	L
24	48	L	H	L	L	H
28	56	L	H	H	L	L
32	64	L	H	H	L	H
36	72	L	L	L	H	L
40	80	L	L	L	H	H
44	88	L	L	H	H	L
48	96	L	L	H	H	H
52	104	L	H	L	H	L
56	112	L	H	L	H	H
60	120	L	H	H	H	L
64	128	L	H	H	H	H

- Notes: (1) L = Ground; H = Floating
 (2) Maximum Memory Limit: B711-2 (24KW); B711-3 (40KW);
 B721, B776, & B866 (48KW); B771-1 & B772-1 (28KW);
 B800 (56KW); B876 (64KW)

Table II. Logic Backplane Locations for Circuit Card SM4/SM4S Pins by Systems

	B711-2	B711-3	B721 & B776	B771-1 & B772-1	B800 & B866	B876
1D	FP4D	FL7D	FE2D	FN5D	DJ9D	FD6D
1E	FP4E	FL7E	FE2E	FN5E	DJ9E	FD6E
2D	FP5D	FL8D	FE3D	FN6D	DJ0D	FD7D
2E	FP5E	FL8E	FE3E	FN6E	DJ0E	FD7E
2F	FP5F	FL8F	FE3F	FN6F	DJ0F	FD7F

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PREPARED BY W. Spingler <i>W. Spingler 1/24/77</i>		TITLE FIELD INSTALLATION INSTRUCTIONS FOR BIPOLAR MEMORY MODULE OPTION		
APPROVED BY H. Caswell <i>HC</i> <i>H. Caswell 1/24/77</i>		ORIGINAL RELEASE DATE	PAGE 1 OF 2	

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		PAGE 2 OF 2		

1. SCOPE

1.1 Scope.- This document defines the instructions for field installation of the bipolar memory module option, M&E No. 2608 5332, in the B800, B866 and B876 processors.

1.2 Prerequisite.- Bipolar memory should not be added to a system unless the micro-memory expansion (paging memory) has been installed in the processor backplane module locations 17 and 18.

1.3 Option items.- The bipolar memory module consists of the following items:

Quantity	Description
1	Circuit Card Assembly MPC
1	Circuit Card Assembly MPD
1	Decal

2. INSTALLATION INSTRUCTIONS

- (a) Remove the MPA and MPB circuit card assemblies from module locations 1 and 2 (two modules). Refer to the backplane map contained in the system FT&R documentation package for specific card locations.

The modules removed can be added to data memory and the address limit changed accordingly (see FII Document 2603 7853), or they can be used for micro-memory expansion (paging memory) if required.

If the removed modules are used for micro-memory expansion, they must be installed in module locations 17 and 18 in accordance with the appropriate backplane map and will not effect the address limit setting. See FII Document 2846 2323 for instructions for proper reconfiguration of the PGC circuit card assembly.

- (b) Install the MPC and MPD circuit card assemblies in module locations 1 and 2 (two modules) in accordance with the appropriate backplane map.
- (c) After installing the bipolar memory, the PGC circuit card assembly shall be reconfigured in accordance with FII Document 2846 2323.
- (d) Affix decal to the configuration plate to identify the option and its serial number.
- (e) Run the following MFR's:

FEBMTR
 SMCH
 PGCMPR
 UCDDMTR

- (f) Option installation is now complete.

REVISIONS			
LEVEL	DESCRIPTION	DATE	APPROVED
A	Initial Release.		

2608 7619

2104

DWG NO. 2609 3997
 SHEET 1 OF 7
 REVISIONS:
 A REL ER#118 12-30-76 Rev 06
 B ECN 5270 06 SH 1 & 7 9-29-78
 C ECN 5306 06 SH 5, 6 & 7 9-11-78
 D ECN 5473 SH 6 6-12-78

REFERENCE DOCUMENTS	
TYPE	PART NO.
ASSEMBLY	2609 3345
SCHEMATIC	-----
PARTS LIST	-----

WIRE NO	CONDUCTOR		PART PLF DES	FROM		PIVOT POINT			TO			REMARKS
	SIZE	COLOR		TERMINAL	TYPE OF TERMINATION	1	2	3	PART REF DES	TERMINAL	TYPE OF TERMINATION	
1	28	WHT	XXDE6	Y	WW	DG1Z	GG2M	GH9N	XXH10	I	WW	DCLK/GRD
2		ELK	XXDE8	Z					XXH10	J		
3			XXDF2	Q		EF3B	EL5C	HL5F	XXHK3	G		DXCOMP3/GRD
4			XXDF8	M					XXHK8	H		
5			XXDF1	Y		DG1Z	GG2M	GI1N	XXH12	G		DFD/GRD
6			XXDF1	Z					XXH12	H		
7			XXDF2	V		EF3C	EK1D	HK2F	XXHK3	G		DXDFD2/GRD
8			XXDF4	Z					XXHK3	H		
9			XXDF1	V		EF2B	EL5C	HL5F	XXH10	G		DXDFD3/GRD
10			XXDE8	T					XXH10	H		
11			XXDF1	K		EF2C	EK1D	HK1F	XXHK0	G		DXIMK2/GRD
12			XXDF1	M					XXHK0	H		
13			XXDF2	K		EF3B	EL5C	HL5F	XXHK7	G		DXIMK3/GRD
14			XXDF1	M					XXHK7	H		
15			XXDF2	G		EF3C	EK1D	HK1F	XXHJ9	G		DXMARK2/GRD
16			XXDF1	G					XXHJ9	H		
17			XXDF2	F		EF3B	EL5C	HL5F	XXHK6	G		DXMARK3/GRD
18			XXDF1	A					XXHK6	H		
19			XXDF2	C		DG1D	GG2M	GH8N	XXHH9	G		IMK/GRD
20			XXDF1	A					XXHH9	H		
21			XXDE5	V		EF6B	EL5C	HL5H	XXHK8	I		MXCLK3/GRD
22			XXDE5	T					XXHK8	J		
23		WHT	XXDE5	U	V	EF6C	EK1D	HK2B	XXHK3	C	V	MXSEFK2/GRD
24	28	BLK	XXDE5	T	WW				XXHK3	D	WW	

- NOTES:
1. WIRES WITH 3 PIVOTS TO BE WIRED FIRST.
 2. WIRES WITH 2 PIVOTS TO BE WIRED SECOND.
 3. WIRES WITH 1 PIVOT TO BE WIRED LAST.
 4. ◁ INDICATES TWISTED PAIR.

DRAWN	DATE	76	Burroughs Corporation
L. SABELLICO	8/24		
CHECKED	DATE	COMPUTER SYSTEMS GROUP DOWNINGTOWN, PA 19335 DOWNINGTOWN PLANT U.S. AMERICA	
P24	8/27/76	TITLE WIRE LIST CLASS CODE 2-9520	
OSGNOR ENGR	DATE	L/M CONN FRAME AY (E800)	
APPROVED	DATE	SHEET	DWG NO.
HSC	8/27/76	1 OF 7	2609 3997
PLT. NO.		038	

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2609 3997
SHEET 2 OF
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REFERENCE DOCUMENTS	
TYPE	PART NO.
ASSEMBLY	
SCHEMATIC	
PARTS LIST	

WIRE NO.	CONDUCTOR		FROM			PIVOT POINT			TO			REMARKS
	SIZE	COLOR	PART REF DES	TERMINAL	TYPE OF TERMINATION	1	2	3	PART REF DES	TERMINAL	TYPE OF TERMINATION	
2-1	28	WHT	XXDE6	Q	WW	EE7B	EL5C	HL5B	XXHLO	C	WW	MXSEEK3/ GRD
2	↑	BLK	XXDE5	M	↑				XXHLO	D	↑	
3	↑		XXDE6	X	↑	EE7C	EK1D	HK1D	XXHKO	E	↑	MXWTEN2/ GRD
4	↑		XXDE8	Z	↑				XXHKO	F	↑	
5	↑		XXDE6	W	↑	EE7B	EL5C	HL5D	XXHK7	E	↑	MXWTEN3/ GRD
6	↑		XXDE8	Z	↑				XXHK7	F	↑	GRD
7	↑		XXDG9	Y	↑	DG2Z	GG2M	GI1N	XXH12	C	↑	SEEK/ GRD
8	↑		XXDG9	Z	↑				XXH12	D	↑	GRD
9	↑		XXDF1	X	↑	DG1Y	GG2M	GH9N	XXH10	G	↑	SKCOMP/ GRD
10	↑		XXDF1	Z	↑				XXH10	H	↑	GRD
11	↑		XXDF1	B	↑	DG1C	GG2M	GH7N	XXHH8	G	↑	SMARK/ GRD
12	↑		XXDF1	A	↑				XXHH8	H	↑	GRD
13	↓	WHT	XXDG0	U	↓	DG1V	GG2M	GH8N	XXHH9	E	↓	WTEN/ GRD
14	28	BLK	XXDG0	Z	WW				XXHH9	F	WW	
15												
16												
17												
18												
19	28	WHT	XXDF1	S	WW	EF2E	E16F		XXH17	G	WW	DXCOMPO/ GRD
20	↑	BLK	XXDF1	T	↑				XXH17	H	↑	
21	↑		XXDF2	R	↑	EF3D	EJ3E		XXHJ4	G	↑	DXCOMP1/ GRD
22	↑		XXDF1	T	↑				XXHJ4	H	↑	GRD
23	↓	WHT	XXDF1	R	↓	EF2C	EK1D		XXHK1	G	↓	DXCOMP2/ GRD
24	28	BLK	XXDF1	T	WW				XXHK1	H	WW	
2-25												

NOTES:

217

DRAWN L. SABELL	DATE 8/24/76	Burroughs Corporation	COMPUTER SYSTEMS GROUP DOWNTOWN, PA 19335	DOWNTOWN PLANT U.S. AMERICA
CHECKED	DATE			
DESIGN ENGINEER	DATE	TITLE WIRE LIST L/M CONN FRAME AY	CLASS CODE 2-9520	PLT. NO. 038
APPROVED	DATE	SHEET 2 OF	DWG NO 2609 3997	


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DWG NO. 2609 3997
 SHEET 3 OF 3
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 A REL ER#118

REFERENCE DOCUMENTS	
TYPE	PART NO.
ASSEMBLY	
SCHEMATIC	
PARTS LIST	

WIRE NO.	CONDUCTOR		FROM			PIVOT POINT			TO			REMARKS
	SIZE	COLOR	PART REF DES	TERMINAL	*TYPE OF TERMINATION	1	2	3	PART REF DES	TERMINAL	TYPE OF TERMINATION	
3-1	28	WHT	XXDF2	W	WW	EF3E	E18F		XXH19	G	WW	DXDFD0/
2	28	BLK	XXDF4	Z	↑				XXH19	H	↑	GRD
3		↑	XXDF1	W		EF2D	EJ5E		XXHJ6	G		DXDFD1/
4			XXDF4	Z					XXHJ6	H		GRD
5			XXDF1	J		EF2E	E15F		XXH16	G		DXIMK0/
6			XXDE8	M					XXH16	H		GRD
7			XXDF2	J		EF3D	EJ2E		XXHJ3	G		DXIMK1/
8			XXDF1	M					XXHJ3	H		GRD
9			XXDF2	H		EF3E	E14F		XXH15	G		DXMARK0/
10			XXDF1	G					XXH15	H		GRD
11			XXDF1	H		EF2D	EJ1E		XXHJ2	G		DXMARK1/
12			XXDF1	G					XXHJ2	H		GRD
13			XXDE5	W		EE6E	E16F		XXH17	I		MXCLK0/
14			XXDE5	Z					XXH17	J		GRD
15			XXDE6	V		EE7D	EJ3E		XXHJ4	I		MXCLK1/
16			XXDE8	T					XXHJ4	J		GRD
17			XXDE5	Q		EE6C	EK1D		XXHK1	I		MXCLK2/
18			XXDE5	M					XXHK1	J		GRD
19			XXDE6	U		EE7E	E18F		XXH19	C		MXSEEK0/
20			XXDE8	T					XXH19	D		GRD
21			XXDE5	R		EE6D	EJ5E		XXHJ6	C		MXSEEK1/
22			XXDE5	T					XXHJ6	D		GRD
23	28	WHT	XXDF5	Y	↓	EE6E	E15F		XXH16	E	↓	MXWTENO/
24	28	BLK	XXDE5	Z	WW				XXH16	F	WW	GRD

NOTES:

DRAWN L. SABELL	DATE 8/24/76	Burroughs Corporation 
CHECKED	DATE	
DESIGNED/EXGR	DATE	COMPUTER SYSTEMS GROUP DOWNTOWN, PA. 19335
APPROVED	DATE	DOWNINGTOWN PLANT U.S. AMERICA
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 A REL ER#118

REFERENCE DOCUMENTS	
TYPE	PART NO.
ASSEMBLY	
SCHEMATIC	
PARTS LIST	

WIRE NO.	CONDUCTOR		FROM			PIVOT POINT			TO			REMARKS
	SIZE	COLOR	PART REF DES	TERMINAL	TYPE OF TERMINATION	1	2	3	PART REF DES	TERMINAL	TYPE OF TERMINATION	
4-1	28	WHT	XXDE5	X	WW	EE6D	EJ2E		XXHJ3	E	WW	MXWTEN1/
2		BLK	XXDE5	Z	WW				XXHJ3	F	WW	GRD
3												
4												
5												
6												
7												
8												
9												
10												
11	28	WHT	AAD12	W	WW	DI1B	DE6B		AAFE5	B	WW	CDSCLKP2
12	2	BLK	AAD11	W	↑				AAFE5	A	↑	GRD
13		↑	AAD12	V		DI1B	DD4B		AAFD3	B		CDSCLKP3
14			AAD11	W					AAFD3	A		GRD
15			AAD11	U		DI0B	DC2B		AAFC1	B		CDSCLKP7
16			AAD12	U					AAFC1	A		GRD
17			AAD11	Y		DI0B	DB0B		AAFA9	B		CDSCLKP8
18			AAD11	Z					AAFA9	A		GRD
19			AAD12	P		BI1B	BF8B		AABF7	D		CD2SCLKA
20	V	↓	AAD11	P					AABF7	A		GRD
21	28	WHT	AAD14	S	↓	BI3B	BF2B		AABF1	L	↓	CGFECLKZ
22		BLK	AAD14	T	WW				AABF1	M	WW	GRD
23												
24												
4-25												

NOTES:

h12

DRAWN L. SABELLICO	DATE 8/2	776 Burroughs Corporation  COMPUTER SYSTEMS GROUP DOWNINGTOWN, PA 19335 DOWNINGTOWN PLANT U.S. AMERICA
CHECKED	DATE	
DESIGN/ENGR	DATE	
APPROVED	DATE	
TITLE WIRE LIST L/M CONN FRAME AY		CLASS CODE 2-9520
SHEET 4 OF	DWG NO 2609 3997	PLT. NO 038

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DWG NO.
2609 3997

SHEET 5 OF
RELEASED

REL ER#118

ECN#5306 58
11.12.76

REFERENCE DOCUMENTS	
TYPE	PART NO.
ASSEMBLY	
SCHEMATIC	
PARTS LIST	

WIRE NO.	CONDUCTOR		FROM			PIVOT POINT			TO			PENCIL
	SIZE	COLOR	PART REF DES	TERMINAL	TYPE OF TERMINATION	1	2	3	PART REF DES	TERMINAL	TYPE OF TERMINATION	
1	28	WHT	XXD14	Y	WW	BI3Z	BE6Y		XXBE5	Q	WW	CG10MH1/
2		BLK	XXD14	Z	↑				XXBE5	R	↑	GRD
3			XXD15	Y		BI4Z	BE6Y		XXBE5	X		CG10MH2/
4			XXD14	Z					XXBE5	Z		GRD
5			XXBE6	P		BE5Z	BBOZ		XXBA9	Y		CPINA
6			XXBE5	P					XXBA9	Z		GRD
7			XXBE6	N		BE5Z	BC2Z		XXBC1	Y		CPINB
8			XXBE6	L					XXBC1	Z		GRD
9			XXBE6	Q		BE5Z	BE3Z		XXBE2	Y		CPINC
10			XXBE5	P					XXBE2	Z		GRD
11			XXBE6	R		BE5Z	CB6A		XXDB5	Y		CPIND
12			XXBE5	R					XXDB5	Z		GRD
13			XXBE6	T	↓	BE5Z	CC8A		XXDC7	Y	↓	CPINE
14	28	WHT	XXBE5	R	WW				XXDC7	Z	WW	GRD
15												
16												
17												
18												
19	28	WHT	XXBE6	C	WW	BE5Y	BB6Z		XXDB5	X	WW	LASTSB3
20		BLK	XXBE5	A	↑				XXDB5	Z	↑	GRD
21	28	WHT	XXBE6	D	↓	BE5Y	BC8Z		XXDC7	X	↓	LASTSB4
22		BLK	XXBE5	D	WW				XXDC7	Z	WW	GRD
23												
24												
25												

NOTES:

DRAWN L. SABELLI	DATE 8/24/76	Burroughs Corporation	
CHECKED	DATE	COMPUTER SYSTEMS GROUP	DOWNINGTOWN PLANT
DSGN or ENGR	DATE	DOWNINGTOWN, PA. 19335	U.S. AMERICA
APPROVED	DATE	TITLE WIRE LIST	CLASS CODE 2-9520
		L/M CONN FRAME AY	
SHEET 5	DWG NO 2609 3997	PLT. NO. 038	

PROPRIETARY TO BURROUGHS CORP - NOT TO BE REPRODUCED, NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT

DWG NO.
2609 3997

SHEET 6 OF
RELEASED

REL ER#118

ECN 5306
08/11-76

ECN 5473
08/12-76


REFERENCE DOCUMENTS	
TYPE	PART NO.
ASSEMBLY	
SCHEMATIC	
PARTS LIST	

WIRE NO.	CONDUCTOR			FROM			PIVOT POINT			TO			REMARKS
	SIZE	COLOR	PART REF DES	TERMINAL	TYPE OF TERMINATION	1	2	3	PART REF DES	TERMINAL	TYPE OF TERMINATION		
6-1	28	WHT	AADE5	N	WW	DG8P			AADG9	Y	WW	SEEK/	
A 2		BLK	AADE5	M	↑				AADG9	Z	↑	GRD	
3	28	WHT	AADG9	F	↓	DF2G			AADF1	X	↓	SKCOMP/	
4		BLK	AADG9	A	WW				AADF1	Z	WW	GRD	
5													
6													
7	28	WHT	XXD11	B	WW	DG7A			XXBG6	B	WW	CD2SCLB	
8	↑	BLK	XXD11	A	↑				XXBG6	A	↑	GRD	
9		↑	XXD11	I		BI0B			XXBC1	B		CD2SCLF	
10			XXD12	H					XXBC1	A		GRD	
11			XXD11	H		BI0B			XXBE2	B		CD2SCLF	
12			XXD11	J					XXBE2	A		GRD	
13			XXD12	I		BI1B			XXBA9	B		CD2SCLG	
14			XXD12	H					XXBA9	A		GRD	
15			XXD12	N		BI1B			XXBH5	B		CD2SCLB	
16			XXD11	P					XXBH5	A		GRD	
17			XXD12	Q		BI1B			XXBH8	B		CD2SCLC	
18			XXD11	R					XXBH8	A		GRD	
19			XXD12	R		BI3B			XXBJ0	B		CD2SCLD	
20			XXD11	R					XXBJ0	A		GRD	
21			XXD15	L		BI4B			XXBE8	B		CG2SCLR	
22			XXD14	M					XXBE8	A		GRD	
23	28	WHT	XXD15	G	↓	BI6Z			XXBM9	Y	↓	CG3SCLB	
24		BLK	XXD14	G	WW				XXBM9	Z	WW	GRD	
25													

NOTES:

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DRAWN	DATE
L. SABELLICO	8/24 76
CHECKED	DATE
DSG/ENG/GR	DATE
APPROVED	DATE

Burroughs Corporation 	
COMPUTER SYSTEMS GROUP DOWNTOWN, PA 19335	DOWNTOWN PLANT U.S. AMERICA
TITLE L/M CONN FRAME AY	CLASS CODE 2-9520
SHEET 6 OF	DWG NO. 2609 3997
PLT. NO. 038	

PROPRIETARY TO BURROUGHS CORP. - NOT TO BE REPRODUCED, NOR USED FOR MANUFACTURING PURPOSES, EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT


DWG NO. 2609 3997
 SHEET 7 OF 7
 RELEASED
 A REL ER#118
 B ECN 5070
 CB 8-20-76

REFERENCE DOCUMENTS	
TYPE	PART NO.
ASSEMBLY	
SCHEMATIC	
PARTS LIST	

WIRE NO.	CONDUCTOR		FROM			PIVOT POINT			TO			REMARKS
	SIZE	COLOR	PART REF DES	TERMINAL	TYPE OF TERMINATION	1	2	3	PART REF DES	TERMINAL	TYPE OF TERMINATION	
1	28	WHT	XXDI4	D	WW	BI5Z			XXBM3	Y	WW	CG3CLKC
2		BLK	XXDI5	D	↑				XXBM3	Z	↑	GRD
3			XXDI4	E		BI5Z			XXBL1	Y		CG3CLKD
4			XXDI5	D	↓				XXBL1	Z	↓	GRD
5	28	WHT	XXBE6	B	↓	BE5Y			XXBA7	Y	↓	LASTSBI
6		BLK	XXBE5	A	WW				XXBA6	Z	WW	GRD
7												
8												
9	28	WHT	XXBG6	W	WW	DG5N			XXDE5	P	WW	WTEN/
10	28	BLK	XXBG6	Z	WW				XXDE5	G	WW	GRD
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												

NOTES:

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DRAWN	DATE	76	Burroughs Corporation	
L. SABELLI	8/24			
CHECKED	DATE	COMPUTER SYSTEMS GROUP		DOWNINGTOWN PLANT
		DCWNINGTOWN, PA 19335		U.S. AMERICA
DSGN	ENGR	DATE	TITLE	CLASS CODE
			WIRE LIST	2-9520
APPROVED	DATE	SHEET	DWG NO.	PLT. NO.
		7 of	2609 3997	038

PROPRIETARY TO BURROUGHS CORP. - NOT TO BE REPRODUCED, NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT

Burroughs Corporation



PROPRIETARY TO BURROUGHS
COMP. NOT TO BE REPRODUCED NOR
USED FOR MANUFACTURING
PURPOSES EXCEPT ON BURROUGHS

NUMBER

REV

2608 3808 AL

PREPARED BY
RL. Cronce
9-28-76

APPROVED BY
W. Caswell 9/29/76

CIRCUIT LIST, ALPHANUMERIC

B300 129 KB MEMORY BK1

ORIGINAL RELEASE DATE 10-12-76

PAGE 1 OF 2

PAGE 2 IS AN EDP PRINTOUT

REVISIONS

LEVEL	DESCRIPTION	DATE	APPROVED
AB	RELEASED PER ER #118 REV 10	9-29-76	RL Cronce
AC	WIRING CONTENTS CHANGED & INCORPORATED ON MDAS	11-1-76	S. Buckler
AD	WIRING CONTENTS CHANGED & UNINCORPORATED ON MDAS	11-22-76	S. Buckler
AE	ECN 5343	11/23	
AF	ECN 5437	11/23	
AG	ECN 5447 MDAS INCORP.	11/24	
AH	ECN 5473		
AJ	ECN 5522		
AK	ECN 5554 (NO EFFECT CL)		
AL	ECN 5627		

2608 3808

CIRCUIT LIST

CIRCUIT NO.	FROM LOC.	TO LOC.	CIRCUIT NO.	FROM LOC.	TO LOC.	CIRCUIT NO.	FROM LOC.	TO LOC.
-12VREF0	DA3I 0	DA3I 0	ACPONCL/	+DA1I 2	DA7F 2		DB3T 1	DB9T 1
	DA3I 2	HA8E 2		+DA1I 1	FA9D 1		DB9T 2	DC5T 2
-12VREF1	DB2I 0	DB2I 0		DA7F 1	DB6F 1	ASF.D/	BB0F 2	+BD6G 2
	DB2I 2	HB2F 2		DB6F 2	DC2F 2			
-12VREF2	DB8I 0	DB8I 0		DC2F 1	DC6F 1	ASF/	+BD6S 1	BE0U 1
	DB8I 2	HB5E 2		DC6F 2	DE2J 2	ASYCK00/	+BA4E 2	DA6F 2
-12VREF3	DC4I 0	DC4I 0		DE2J 1	DG1V 1	ASYCK01/	+BA3I 1	DB5F 1
	DC4I 2	HB9F 2		DG1V 2	DI4X 2	ASYCK02/	+BA3N 2	DC1F 2
-5VUA0	BA4F 1	DA3D 1	ACR=0	FA9J 2	FC1J 2	ASYCK03/	+BA4M 1	DC7F 1
	DA3D 2	DA7G 2		FC1J 1	FD3J 1			
-5VUA1	BA3F 2	DB2D 2	ACR=1	FD3J 2	FE2J 2	AWDALR	+DG1G 1	DG3D 1
	DB2D 1	DB6W 1		DB0I 0	DB0I 0		+DG1G 2	DG6H 2
-5VUA2	BA3M 1	DB8D 1		DB0I 2	HC4A 2	A0	BD1I 2	+BD4J 2
	DB8D 2	DC2W 2	ACUST0/	DB0F 0	DB0F 0	A0V	BB0X 1	+BE3R 1
-5VUA3	BA3V 2	DC4D 2	ACUST1/	DB0F 2	HC4J 2	A1	BD1J 2	+BD3G 2
	DC4D 1	DC6Q 1	ACUST2/	BB0E 1	+DB0C 1	A2	BD0K 1	+BD4M 1
ACK1C2+24	DA1M 2	HA2D 2	ACUST3/	BA9J 2	+DAYC 2	A3	BD1L 2	+BD3X 2
	HA2D 1	HA3D 1	ACUST4/	BBON 1	+DAYE 1	A4	BD1Q 1	+BD4X 1
	HA3D 2	HA4D 2	ACUST3/	BA9K 2	+DB0D 2	BA=0	+DA3L 0	+DA3L 0
ACK2B2+24	DA1F 0	DA1F 0	ACUST4/	BBUC 1	+DAYD 1		+DA3L 2	HA9A 2
	DA1F 2	HA5D 2	ACUST4/	BD3N 2	+BE2R 2			
ACK2COIL	DA1L 0	DA1L 0	ADDOUT	BA4V 1	DA4T 1			
	DA1L 2	HA4E 2	ADPCLR=0	DA4T 2	DB3T 2			

T 2608 3808 B800 B800 1 2608 3758 493 -12VREF0 1 AG
 CIRCUIT LIST SYSTEM NAME UNIT NAME UNIT NO. FILE CIRCUIT INDEX PG REV

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CIRCUIT LIST

CIRCUIT NO.	FROM LUC.	TO LUC.	CIRCUIT NO.	FROM LUC.	TO LUC.	CIRCUIT NO.	FROM LUC.	TO LUC.
BA-1	+DB2L 0	+DB2L 0	DA3U 2	HA8C 2		DC4H 2	HB8H 2	
	+DB2L 2	HB1J 2						
BA-2	+DB8L 0	+DB8L 0	BDDIY-1	DB2U 0	DB2U 0	BDD04-0	DA4E 0	DA4E 0
	+DB8L 2	HB6A 2		DB2U 2	HB2H 2		DA4E 2	HB0C 2
BA-3	+DC4L 0	+DC4L 0	BDDIY-2	DB8U 0	DB8U 0	BDD04-1	DB3E 0	DB3E 0
	+DC4L 2	HB8J 2		DB8U 2	HB2C 2		DB3E 2	HB0H 2
BARCLK/	+DH3B 2	DH8H 2	BDDIY-3	DC4U 0	DC4U 0	BDD04-2	DB9E 0	DB9E 0
				DC4U 2	HB9H 2		DB9E 2	HB7C 2
BA16	DH2Q 1	+DH9T 1	BDDIZ-0	DA4R 0	DA4R 0	BDD04-3	DC5E 0	DC5E 0
				DA4R 2	HB1D 2		DC5E 2	HB7H 2
BB-0	DA3J 0	DA3J 0	BDDIZ-1	DB3R 0	DB3R 0	BDEV0F	BA4Y 1	BA9H 1
	DA3J 2	HB0A 2		DB3R 2	HA9G 2		BA4Y 2	DB0Y 2
BB-1	DB2J 0	DB2J 0	BDDIZ-2	DB9R 0	DB9R 0		BA9H 2	BD9J 2
	DB2J 2	HB0J 2		DB9R 2	HB8D 2		+BD6B 1	BD9J 1
BB-2	DB8J 0	DB8J 0	BDDIZ-3	DC5R 0	DC5R 0		DA3Q 1	DB0Y 1
	DB8J 2	HB7A 2		DC5R 2	HB6G 2		DA3Q 2	DB2Q 2
BB-3	DC4J 0	DC4J 0	BDDOY-0	DA3H 0	DA3H 0	B0SEL	DB2Q 1	DB8Q 1
	DC4J 2	HB7J 2		DA3H 2	HA9C 2		DB8Q 2	DC4Q 2
BB7	DA9X 1	DC1I 1	BDDOY-1	DB2H 0	DB2H 0		BB2H 1	BB5H 1
	DC1I 2	DC7I 2		DB2H 2	HB1H 2		BB5H 2	BB8H 2
BCE15	+DG1N 2	DG7G 2	BDDOY-2	DB8H 0	DB8H 0	BFC0001/	BB8H 1	+BC1G 1
				DB8H 2	HB6C 2		DA9V 2	DC1H 2
BCE8	+DGOP 1	DG7L 1	BDDOY-3	DC4H 0	DC4H 0	BIG-0	DC1H 1	DC7H 1
							DG4I 2	DG9U 2
BDDIY-0	DA3U 0	DA3U 0				BTINSTP/	+BE8R 1	BH6C 1

T 2608 3808 B800 B800 1 2608 3758 493 BA-1 2 AG
 CIRCUIT LIST SYSTEM NAME UNIT NAME UNIT NO. FILE CIRCUIT INDEX PG REV

CIRCUIT LIST

CIRCUIT NO.	FROM LOC.	TO LOC.	CIRCUIT NO.	FROM LOC.	TO LOC.	CIRCUIT NO.	FROM LOC.	TO LOC.
BTMEN/	+BD9W 2	+BF1E 2	B6	DC1U 1	DC7U 1	CC=0	DA3N 0	DA3N 0
	+BF1E 1	BG9P 1		BBOJ 1	+BD6I 1		DA3N 2	HA8B 2
	BG9P 2	BH6B 2	B7	+BD6I 2	BE0H 2	CC=1	DB2N 0	DB2N 0
	BH6B 1	DJ4S 1		BA6J 2	+BD7F 2		DB2N 2	HB2I 2
	+DF8W 1	+DG4Q 1	CA=0	BA6J 1	DB0Q 1	CC=2	DB8N 0	DB8N 0
	+DF8W 2	FD7U 2		+BD7F 1	BE2S 1		DB8N 2	HB5B 2
	+DG4Q 2	D17U 2		+DA3K 0	+DA3K 0	CC=3	DC4N 0	DC4N 0
	D17U 1	DJ1S 1		+DA3K 2	HB1A 2		DC4N 2	HB9I 2
	DJ1S 2	DJ4S 2	CA=1	+DB2K 0	+DB2K 0	CCPWR0/	DA1W 1	DD1U 1
BTSTOP/	+BF1D 1	DI4L 1		+DB2K 2	HA9J 2		DD1U 0	DD1U 0
BWCLK/	+DG6D 2	DH9M 2	CA=2	+DB8K 0	+DB8K 0		DD1U 2	HM4I 2
BWIC	DG1Y 1	DH0U 1		+DB8K 2	HB0A 2	CD=0	+DA4L 0	+DA4L 0
	DH0U 2	+DH8J 2	CA=3	+DC4K 0	+DC4K 0		+DA4L 2	HB2D 2
B3	BA7F 1	+BD6E 1		+DC4K 2	HB0J 2	CD=1	+DB3L 0	+DB3L 0
	BA7F 2	DA9S 2	CB=0	DA4M 0	DA4M 0		+DB3L 2	HA8G 2
	+BD6E 2	BD9I 2		DA4M 2	HB2A 2	CD=2	+DB9L 0	+DB9L 0
	DA6W 1	DA9S 1	CB=1	DB3M 0	DB3M 0		+DB9L 2	HB9D 2
	DA6W 2	DB5W 2		DB3M 2	HA0J 2	CD=3	+DC5L 0	+DC5L 0
	DB5W 1	DC1W 1	CB=2	DB9M 0	DB9M 0		+DC5L 2	HB5G 2
	DC1W 2	DC7W 2		DB9M 2	HB9A 2	CDSCLKB	BG0B 2	BG3B 2
B4	BBOG 1	+BD6F 1	CB=3	DC5M 0	DC5M 0		BG3B 2	BG6B 2
	+BD6F 2	BE2N 2		DC5M 2	HB5J 2		BG6B 2	+DI1B 2
B5	BA9I 1	+BD7J 1				CDSCLKC	+DI2C 1	DK2B 1
	BA9I 2	DA6U 2						
	+BD7J 2	BE3M 2						
	DA6U 1	DB5U 1						
	DB5U 2	DC1U 2						

T 2608 3808 B800 B800 1 2608 3758 493 BTMEN/ 3 A/H
 CIRCUIT LIST SYSTEM NAME UNIT NAME UNIT NO. FILE CIRCUIT INDEX PG REV

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CIRCUIT LIST

CIRCUIT NO.	FROM LOC.	TO LOC.	CIRCUIT NO.	FROM LOC.	TO LOC.	CIRCUIT NO.	FROM LOC.	TO LOC.
CDSCLKD	DG0B 1	DG3B 1	CDSCLKP2	+DI2W 2	FE5B 2			
	DG3B 2	DG6B 2		FD6B 1	FD9B 1	CE=1	DB2F 0	DB2F 0
	DG6B 1	DG9B 1		FD9B 2	FE2B 2		DB2F 2	HB1F 2
	DG9B 2	DH2B 2		FE2B 1	FE9B 1	CE=2	DB8F 0	DB8F 0
	DH2B 1	+DI2D 1	CDSCLKP3	+DI2V 2	FD3B 2		DB8F 2	HB6E 2
CDSCLKE	BC1B 2	+DI1I 2		FC4B 1	FC7B 1	CE=3	DC4F 0	DC4F 0
CDSCLKF	BD9B 1	BE2B 1		FC7B 2	FD0B 2		DC4F 2	HB8F 2
	BE2B 2	+DI1H 2		FD0B 1	FD3B 1	CF=0	DA4J 0	DA4J 0
CDSCLKG	BA3B 2	BA6B 2	CD2SCLKA	BF1B 2	BF4D 2		DA4J 2	HB0B 2
	BA6B 1	BA9B 1		BF4D 1	BF7D 1	CF=1	DB3J 0	DB3J 0
	BA9B 2	+DI2I 2		BF7D 2	+DI2P 2		DB3J 2	HB0I 2
CDSCLKH	DF4B 2	DF7B 2	CD2SCLKB	BH2B 1	BH5B 1	CF=2	DB9J 0	DB9J 0
	DF7B 1	+DI2K 1		BH5B 2	+DI2N 2		DB9J 2	HB7B 2
CDSCLKP10	DD3B 2	DD6B 2	CD2SCLKC	BH8B 1	BI1B 1	CF=3	DC5J 0	DC5J 0
	DD6B 1	DD9B 1		BH8B 2	+DI2Q 2		DC5J 2	HB7I 2
	DD9B 2	DE2B 2		BI1B 2	BI4B 2			
	DE2B 1	+DI1V 1		BI4B 1	BI7B 1	CGCLEAR/	BJ3K 1	BL2X 1
CDSCLKP11	+DI1U 2	FC1B 2	CD2SCLKD	BJ0B 1	BJ3B 1		BL2X 2	BL5X 2
	FB2B 1	FB5B 1		BJ0B 2	+DI2R 2		BLSX 1	BL8X 1
	FB5B 2	FB8B 2		BJ3B 2	BJ6B 2	CGCLEARA	BL8X 2	BM1X 2
	FB8B 1	FC1B 1	CD2SCLKE	+DI2T 1	DI7B 1		BM1X 1	DI4P 1
CDSCLKP12	+DI1Y 2	FA9B 2		DI7B 2	DJ0B 2		BC2R 2	BE3U 2
	FA0B 1	FA3B 1		DJ0B 1	DJ3B 1		BE3U 1	BG1Y 1
	FA3B 2	FA6B 2	CE=0	DJ3B 2	DJ9B 2		BG1Y 2	BG4Y 2
	FA6B 1	FA9B 1		DA3F 0	DA3F 0		BG4Y 1	+DI5I 1
				DA3F 2	HA9E 2		DF5N 1	DF8N 1

CIRCUIT LIST

CIRCUIT NO.	FROM Z LUC.	TO Z LUC.	CIRCUIT NO.	FROM Z LUC.	TO Z LUC.	CIRCUIT NO.	FROM Z LUC.	TO Z LUC.
CGCLEARA	DFBN 2	+DI5I 2	CGFECLK/	BF1L 2	+DI4S 2	CGWRT2B/	+DI5L 1	FI1V 1
CGCLEARB	BJ7K 1	BKOR 1	CGHALT	+DI4R 1	DI7P 1		FI1V 2	FI7V 2
	BKOR 2	DI7N 2		DI7P 2	DJ7S 2		FI7V 1	FJ3V 1
	DU4Q 2	DE2H 2		DJ7S 0	DJ7S 0		FJ3V 2	FJ9V 2
	DD4Q 1	FESH 1		DJ7S 1	HM4F 1	CG10MH1/	BE5U 2	+DI4Y 2
	DE2H 1	DG1J 1		HM3I 2	HM4F 2	CG10MH2/	BE5X 2	+DI5Y 2
	DG1J 2	DG4I 2	CGPCLR/	BH2H 1	DK2D 1	CG2MHZ	+DI4F 2	DI7T 2
	DG4I 1	DG9D 1		+DI5U 2	DK2D 2		+DI4F 1	DK2E 1
	DG9D 2	+DI4K 2	CGSCLKR	BE0B 2	+DI5L 2	CG2SCLK/	DI1Q 1	+DI5M 1
	+DI4K 1	DI7N 1		+DI5L 1	DI0L 1	CG3CLKA	BJ9Y 2	BK2Y 2
	FA1G 1	FA9H 1	CGSCLK1/	DI1C 1	+DI4B 1		BJ9Y 1	+DI5F 1
	FA1Q 2	FB3Q 2		DI1K 1	+DI5B 1		BK2Y 1	BK5Y 1
	FA9H 2	FC1H 2	CGSCLK2/	DI1X 1	+DI5T 1	CG3CLKB	BM9Y 1	BN2Y 1
	FB3Q 1	FCSQ 1		+DI4W 2	DI0T 2		BM9Y 2	+DI5G 2
	FC1H 1	FD3H 1	CGSCLK3/	DI8T 1	DJ9G 1	CG3CLKC	BM3Y 1	BM6Y 1
	FC5Q 2	FD7Q 2		BG6I 2	BG7I 2		BM3Y 2	+DI4D 2
	FD3H 2	FESH 2	CGSYNC/	BG7I 1	+DI5J 1	CG3CLKD	BL1Y 1	BL4Y 1
CGCLEARC	BF1C 2	BJOE 2		+DI5P 1	FK5Y 1		BL1Y 2	+DI4E 2
	BH6U 2	BH9Y 2	CGWRITE	FK5Y 2	FK6Y 2		BL4Y 2	BL7Y 2
	BH6U 1	DK0B 1		CGWRT2A/	+DI5C 1	FI4V 1	BL7Y 1	BM0Y 1
	BH9Y 1	BI2Y 1			FI4V 2	FJ0V 2		
	BI2Y 2	BI5Y 2	CGTIME/		FJ0V 1	FJ6V 1	CH=0	+DA6K 0
	BI5Y 1	BI8Y 1			FJ6V 2	FK2V 2		+DA6K 2
	BI8Y 2	BJ1Q 2						H80E 2
	BJOE 1	BJ1Q 1						
	+DI5N 2	DI7S 2						
	DI7S 1	DK2I 1						
	DK0B 2	DK2I 2						
CGERCLK	+DI4Q 1	DI8N 1						

CIRCUIT LIST

CIRCUIT NO.	FROM Z LUC.	TO Z LUC.	CIRCUIT NO.	FROM Z LUC.	TO Z LUC.	CIRCUIT NO.	FROM Z LUC.	TO Z LUC.
CH-1	+DB5R 0	+DB5R 0		BD6Y 2	BD9Y 2	CUEXTOP	+BJQW 2	DI7G 2
	+DB5R 2	HB0F 2		BD9Y 1	BE2Y 1			
				BE2Y 2	+BE6Q 2	CULSBCL	+BJ4B 1	BK8W 1
CH-2	+DC1R 0	+DC1R 0	CPIND	+BE6R 2	DB5Y 2	CUMSBCL	+BJ3D 2	BK9T 2
	+DC1R 2	HB7E 2		DA3Y 2	DA6Y 2			
CH-3	+DC7R 0	+DC7R 0		DA6Y 1	DA9Y 1	CUREXT/	+BJ0D 1	DK0C 1
	+DC7R 2	HB7F 2		DA9Y 2	DB2Y 2			
				DB2Y 1	DB5Y 1	CUSAR1	+BJ3W 2	BK9D 2
CLARUN	+BA6U 2	BC2L 2	CPINE	+BE6T 2	DC7Y 2	CUSAR2	+BJ4V 1	BK9C 1
	BC2L 1	BD6V 1		DB8Y 1	DC1Y 1			
CLBRUN	BC2N 1	BD9T 1		DC1Y 2	DC4Y 2	CUSAR3	+BJ4X 2	BK9E 2
				DC4Y 1	DC7Y 1			
CLMLC	BA4K 2	BA7V 2	CPOUT	+BG7D 1	+DH2G 1	CUSAR6	+BJ4S 1	BK8H 1
	BA4R 1	BD3B 1		DG3S 1	DG9H 1	CUSC	+BJ0Y 2	BK3C 2
	BA7V 1	DA9U 1		DG9H 2	+DH2G 2			
	BD3B 2	+BE3G 2				CUSC/	+BJ1V 1	BJ7G 1
CLRCTR/	+DG0M 1	DH3K 1	CRQ-0	+DA9H 0	+DA9H 0		BJ7G 2	BK3B 2
				+DA9H 2	HC5A 2			
CLRIR/	+DG1D 2	DH8R 2	CRQ-1	+DA9G 0	+DA9G 0	CWSK	+DH0R 2	DH6E 2
				+DA9G 2	HC3J 2			
CLRMPCR/	BG7M 1	+DG3I 1	CUADD01/	+BJ0H 2	BJ4R 2	CWB	DG4C 1	+DG9L 1
CPINA	BA3Y 2	BA6Y 2	CUADD16/	+BJ1E 1	BJ3S 1	D/	+BD7H 2	BE0S 2
	BA6Y 1	BA9Y 1						
	BA9Y 2	+BE6P 2	CUEL	+BJ4H 2	BK8B 2	DATAIN	BC7C 2	+BD3T 2
CPINB	BC1Y 1	BC7B 1						
	BC1Y 2	+BE6N 2	CUER	+BJ3H 1	BK8C 1	DATAL/	DF5B 1	FE5G 1
CPINC	BD3Y 1	BD6Y 1				DATAM/	DF8B 2	FD6K 2

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CIRCUIT LIST

CIRCUIT NO.	FROM Z LOC.	TO Z LOC.	CIRCUIT NO.	FROM Z LOC.	TO Z LOC.	CIRCUIT NO.	FROM Z LOC.	TO Z LOC.
DATA0	B801 1	+BC8E 1	DB-3	DC5I 0	DC5I 0	DDP10IC03	DD9K 2	HH3A 2
	+BC8E 2	BD9G 2		DC5I 2	H85H 2	DDP10IC04	DD7J 2	HH4A 2
	BD4M 1	BD9G 1				DDP10IC05	DD6L 2	HH5A 2
DATA1/	BH2S 2	+FE9B 2	DCLK/	+DE6Y 0	+DE6Y 0	DDP10IC07	DE3H 2	HH2B 2
				+DE6Y 1	DGOL 1	DDP10IC08	DE2S 2	HH3B 2
DATA2/	BH3N 1	+FE9C 1		+DE6Y 2	H10I 2	DDP10IC09	DE3U 2	HH4B 2
DATA3/	BH2J 2	+FE9H 2	DCLKA/	+DG1L 2	DG4K 2	DDP10IC11	DD7K 2	HH1C 2
				DG4K 1	DG/N 1	DDP10IC12	DD6J 2	HH2C 2
DATA4/	BH2L 1	+FE9G 1		DG7N 2	DH3J 2	DDP10IC13	DD7T 2	HH3C 2
DATA5/	BH2N 2	+FE9U 2	DD-0	DA4F 0	DA4F 0	DDP10IC14	DD6K 2	HH4C 2
				DA4F 2	HAYD 2	DDP10IC15	DE0L 2	HH5C 2
DATA6/	BH3S 1	+FE9T 1	DD-1	DB3F 0	DB3F 0	DDP10IC17	DE3V 2	HH2D 2
				DB3F 2	HB1G 2	DDP10IC18	DE3E 2	HH3D 2
DATA7/	BH3F 2	+FE9W 2	DD-2	DB9F 0	DB9F 0	DDP10IC19	DE2E 2	HH4D 2
				DB9F 2	HB0D 2	DDP10IC21	DD6Y 2	HH1E 2
DATA8/	BH3J 1	+FE9Y 1	DD-3	DC5F 0	DC5F 0	DDP10IC22	DD9N 2	HH2E 2
				DC5F 2	HB0G 2	DDP10IC23	DD7Y 2	HH3E 2
DATENB	+DG1W 2	DG6W 2	DDPOES	+BA6E 1	DA4C 1			
	DG6W 1	DH6R 1		DA4C 2	DB3C 2			
DATLRC	+DGOX 2	DG4S 2	DDP10IC01	DB3C 1	DB9C 1			
				DB9C 2	DC5C 2			
DB-0	DA4I 0	DA4I 0	DDP10IC02	DE0M 2	HH1A 2			
	DA4I 2	HB2C 2		DE0K 2	HH2A 2			
DB-1	DB3I 0	DB3I 0						
	DB3I 2	H88H 2						
DB-2	DB9I 0	DB9I 0						
	DB9I 2	HB9C 2						

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CIRCUIT LIST			CIRCUIT LIST			CIRCUIT LIST		
CIRCUIT NO.	FROM LOC.	TO LOC.	CIRCUIT NO.	FROM LOC.	TO LOC.	CIRCUIT NO.	FROM LOC.	TO LOC.
DDP101C24	DD7U 2	HH4E 2	DDP101C45	DD7W 2	HH5I 2	DDP103BG	DD7W 2	DD9T 2
DDP101C25	DD9P 2	HH5E 2	DDP101C46	DD4T 2	HH1J 2	DDP104BA	DD7W 1	DE3W 1
DDP101C27	DE2K 2	HH2F 2	DDP101C47	DD3J 2	HH2J 2		DD3W 1	DD9Q 1
DDP101C28	DE2P 2	HH3F 2	DDP101C49	DD4E 2	HH4J 2		DD6D 2	DD9Q 2
DDP101C29	DD4V 2	HH4F 2	DDP101C50	DD3E 2	HH5J 2		DD6D 1	DE3C 1
DDP101C31	DE2C 2	HH1G 2	DDP102BA	DD6H 2	DEOP 2	DDP104BB	DD4W 2	DEON 2
DDP101C32	DEOR 2	HH2G 2	DDP102BB	DD7C 1	DEOT 1		DD7D 2	DE3G 2
DDP101C33	DD9I 2	HH3G 2	DDP103BA	DD7B 2	DD9C 2		DEON 1	DE3G 1
DDP101C34	DEOX 2	HH4G 2	DDP103BB	DD9C 1	DE3B 1	DDP104BC	DD3H 1	DD7H 1
DDP101C35	DD3F 2	HH5G 2	DDP103BC	DD6C 1	DEOC 1		DD7H 2	DE3I 2
DDP101C37	DD3V 2	HH2H 2	DDP103BD	DEOC 2	DE2D 2		DEOW 1	DE3I 1
DDP101C38	DE2L 2	HH3H 2	DDP103BE	DD6F 2	DEOE 2	DDP104BD	DD3I 2	DD6I 2
DDP101C39	DD3U 2	HH4H 2	DDP103BF	DEOE 1	DE3H 1		DD6I 1	DEOB 1
DDP101C41	DD9X 2	HH1I 2		DD7G 1	DD9G 1		DEOB 2	DE3M 2
DDP101C42	DEOY 2	HH2I 2		DD9G 2	DE3L 2	DDP104BE	DD4N 1	DD6N 1
DDP101C43	DD4G 2	HH3I 2		DD7R 2	DE2N 2		DD6N 2	DE2Q 2
DDP101C44	DD6U 2	HH4I 2		DD9D 1	DE2N 1		DD9H 1	DE2Q 1
				DD6T 1	DE3K 1	DDP104BF	DD4B 2	DD7S 2
				DEOG 2	DE3K 2		DD7S 1	DD9R 1
							DD9R 2	DE3S 2
						DDP104BG	DD4W 1	DD6V 1
							DD4W 2	DE2X 2
							DD6V 2	DD9L 2
						DDP104BH	DD4S 2	DD6X 2
							DD6X 1	DD9Y 1

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CIRCUIT LIST

CIRCUIT NO.	FROM LOC.	TO LOC.	CIRCUIT NO.	FROM LOC.	TO LOC.	CIRCUIT NO.	FROM LOC.	TO LOC.
DDP104BH	DD9Y 2	DE2Y 2	DDP111C21	FB5Y 2	HF0E 2	DDP111C39	FB2U 2	HF3H 2
DDP111C01	FB9M 2	HF0A 2	DDP111C22	FB8N 2	HF1E 2	DDP111C41	FB8X 2	HF0I 2
DDP111C02	FB9K 2	HF1A 2	DDP111C23	FB6Y 2	HF2E 2	DDP111C42	FB9Y 2	HF1I 2
DDP111C03	FB8K 2	HF2A 2	DDP111C24	FB6U 2	HF3E 2	DDP111C43	FB3G 2	HF2I 2
DDP111C04	FB6J 2	HF3A 2	DDP111C25	FB8P 2	HF4E 2	DDP111C44	FB5U 2	HF3I 2
DDP111C05	FB5L 2	HF4A 2	DDP111C27	FC1K 2	HF1F 2	DDP111C45	FB6W 2	HF4I 2
DDP111C07	FC2W 2	HF1B 2	DDP111C28	FC1P 2	HF2F 2	DDP111C46	FB7T 2	HF0J 2
DDP111C08	FC1S 2	HF2B 2	DDP111C29	FB3V 2	HF3F 2	DDP111C47	FB2J 2	HF1J 2
DDP111C09	FC2U 2	HF3B 2	DDP111C31	FB3F 1	FC1C 1	DDP111C49	FB3E 2	HF3J 2
DDP111C11	FB6K 2	HF0C 2		FC1C 0	FC1C 0	DDP111C50	FB2E 2	HF4J 2
DDP111C12	FB5J 2	HF1C 2		FC1C 2	HF0G 2	DDP112BA	FB5H 1	FB9P 1
DDP111C13	FB6T 2	HF2C 2	DDP111C32	FB9R 2	HF1G 2	DDP112BB	FB6C 2	FB9T 2
DDP111C14	FB5R 2	HF3C 2	DDP111C33	FB8I 2	HF2G 2	DDP113BA	FB6B 1	FB8C 1
DDP111C15	FB9L 2	HF4C 2	DDP111C34	FB9X 2	HF3G 2		FB8C 2	FC2B 2
DDP111C17	FC2V 2	HF1D 2	DDP111C35	FB2F 2	HF4G 2	DDP113BB	FB5C 2	FB9C 2
DDP111C18	FC2E 2	HF2D 2	DDP111C37	FB2V 2	HF1H 2		FB9C 1	FC10 1
DDP111C19	FC1E 2	HF3D 2	DDP111C38	FC1L 2	HF2H 2	DDP113BC	FB5F 1	FB9E 1
							FB9E 2	FC2H 2

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CIRCUIT LIST

DDP113BD	FB6G 2 FB8G 1	FB8G 2 FC2L 1		FB6S 2 FB8R 1	FB8R 2 FC2S 1	DDP12IC14	FA7K 2	HE6C 2
DDP113BE	FB6R 1 FB8D 2	FC1N 1 FC1N 2	DDP114BG	FB3W 2 FB3W 1	FB5V 2 FC1X 1	DDP12IC15	FA7L 2	HE7C 2
DDP113BF	FB5T 2 FB9G 1	FC2R 2 FC2R 1	DDP114BH	FB5V 1	FB6L 1	DDP12IC17	FB9V 2	HE4D 2
DDP113BG	FB6W 1 FB6W 2	FB6T 1 FC2W 2		FB3S 1 FB5X 2	FB5X 1 FB6Y 1	DDP12IC18	FB9E 2	HE5D 2
DDP114BA	FB2Q 2 FB5D 1	FB8Q 2 FB8Q 1	DDP12IC01	FB6Y 1	FC1Y 1	DDP12IC19	FA6G 2	HE6D 2
	FB5D 2	FC2C 2	DDP12IC02			DDP12IC21	FA3Y 2	HE3E 2
DDP114BB	FB3M 1 FB6D 1	FB9N 1 FC2G 1	DDP12IC03			DDP12IC22	FA6N 2	HE4E 2
	FB9N 2	FC2G 2	DDP12IC04			DDP12IC23	FA4Y 2	HE5E 2
DDP114BC	FB2H 2 FB6H 1	FB6H 2 FC2I 1	DDP12IC05			DDP12IC24	FA4U 2	HE6E 2
	FB9Q 2	FC2I 2	DDP12IC07			DDP12IC25	FA6F 2	HE7E 2
DDP114BD	FB2I 1 FB5I 2	FB5I 1 FB9B 2	DDP12IC08			DDP12IC27	FA9K 2	HE4F 2
	FB9B 1	FC2M 1	DDP12IC09			DDP12IC28	FA9F 2	HE5F 2
DDP114BE	FB3N 2 FB5N 1	FB5N 2 FC1Q 1	DDP12IC11			DDP12IC29	FA1V 2	HE6F 2
	FB8H 2	FC1Q 2	DDP12IC12			DDP12IC31	FA1F 2	HE3G 2
DDP114BF	FB3B 1	FB6S 1	DDP12IC13			DDP12IC32	FA7K 2	HE4G 2
CIRCUIT NO.	FROM 2 LOC.	TO 2 LOC.	CIRCUIT NO.	FROM 2 LOC.	TO 2 LOC.	CIRCUIT NO.	FROM 2 LOC.	TO 2 LOC.

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 CIRCUIT LIST SYSTEM NAME UNIT NAME UNIT NO. FILE CIRCUIT INDEX PG REV

CIRCUIT LIST			CIRCUIT LIST			CIRCUIT LIST		
CIRCUIT NO.	FROM LUC.	TO LUC.	CIRCUIT NO.	FROM LUC.	TO LUC.	CIRCUIT NO.	FROM LUC.	TO LUC.
DDP121C35	FA0F 2	HE7G 2	DDP1238B	FA3C 1	FA7C 1	DDP124BE	FA1N 1	FA3N 1
DDP121C37	FA0V 2	HE4H 2	DDP1238C	FA7C 2	FA9D 2		FA3N 2	FA9Q 2
DDP121C38	FA9L 2	HE5H 2		FA3F 2	FA7E 2		FA6H 1	FA9Q 1
DDP121C39	FA0U 2	HE6H 2	DDP1238D	FA7E 1	FB0H 1	DDP124BF	FA1B 2	FA4S 2
DDP121C41	FA6X 2	HE3I 2		FA4G 1	FA6G 1		FA4S 1	FA6R 1
DDP121C42	FA7Y 2	HE4I 2	DDP1238E	FA6G 2	FB0L 2		FA6R 2	FB0S 2
DDP121C43	FA1G 2	HE5I 2		FA4R 2	FA9N 2	DDP124BG	FA1W 1	FA3V 1
DDP121C44	FA3U 2	HE6I 2	DDP1238F	FA6D 1	FA9N 1		FA1W 2	FA9X 2
DDP121C45	FA4Q 2	HE7I 2		FA3T 1	FB0R 1		FA3V 2	FA6L 2
DDP121C46	FA1T 2	HE3J 2	DDP1238G	FA7G 2	FB0R 2	DDP124BH	FA1S 2	FA3X 2
DDP121C47	FA0J 2	HE4J 2		FA4W 2	FA6T 2		FA3X 1	FA6Y 1
DDP121C49	FA1E 2	HE6J 2	DDP1248A	FA4W 1	FB0W 1		FA6Y 2	FA9Y 2
DDP121C50	FA0E 2	HE7J 2		FA0Q 1	FA6Q 1	DDP21C01	FE3M 0	FE3M 0
DDP122BA	FA3H 2	FA7P 2	DDP1248B	FA3D 2	FA6Q 2		FE3M 2	HG4A 2
DDP122BB	FA4C 1	FA7T 1		FA3D 1	FB0C 1	DDP21C02	FE3K 0	FE3K 0
DDP123BA	FA4B 2	FA6C 2	DDP1248C	FA1M 2	FA7N 2		FE3K 2	HG5A 2
	FA6C 1	FB0B 1		FA4D 2	FB0G 2	DDP21C03	FE2K 0	FE2K 0
			DDP1248D	FA7N 1	FB0G 1		FE2K 2	HG6A 2
				FA0H 1	FA4H 1	DDP21C04	FE0J 0	FE0J 0
				FA4H 2	FB0I 2		FE0J 2	HG7A 2
				FA7Q 1	FB0I 1	DDP21C05	FD9L 0	FD9L 0
				FA0I 2	FA3I 2		FD9L 2	HG8A 2
				FA3I 1	FA7B 1	DDP21C07	FE6Q 0	FE6Q 0
				FA7B 2	FB0M 2			

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CIRCUIT LIST

CIRCUIT NO.	FROM Z LUC.	TO Z LUC.	CIRCUIT NO.	FROM Z LUC.	TO Z LUC.	CIRCUIT NO.	FROM Z LUC.	TO Z LUC.	
DDP21C07	FE6Q 2	HG5B 2	DDP21C21	FD9Y 0	FD9Y 0	DDP21C34	FE3X 0	FE3X 0	
DDP21C08	FE5S 0	FE5S 0	DDP21C22	FD9Y 2	HG4E 2	DDP21C35	FE3X 2	HG7G 2	
DDP21C09	FE6U 0	FE6U 0	DDP21C23	FE2N 0	FE2N 0	DDP21C37	FD6F 0	FD6F 0	
DDP21C11	FE6U 2	HG7B 2	DDP21C24	FE2N 2	HG5E 2	DDP21C38	FD6F 2	HG8G 2	
DDP21C12	FE0K 0	FE0K 0	DDP21C25	FE0Y 0	FE0Y 0	DDP21C39	FD6V 0	FD6V 0	
DDP21C13	FE0K 2	HG4C 2	DDP21C27	FE0Y 2	HG6E 2	DDP21C41	FD6V 2	HG5H 2	
DDP21C14	FD9J 0	FD9J 0	DDP21C28	FE0U 0	FE0U 0	DDP21C42	FE5L 0	FE5L 0	
DDP21C15	FD9J 2	HG5C 2	DDP21C29	FE0U 2	HG7E 2	DDP21C43	FE5L 2	HG6H 2	
DDP21C17	FE0T 0	FE0T 0	DDP21C31	FE2P 0	FE2P 0	DDP21C44	FD6U 0	FD6U 0	
DDP21C18	FE0T 2	HG6C 2	DDP21C32	FE2P 2	HG8E 2	DDP21C45	FD6U 2	HG7H 2	
DDP21C19	FD9R 0	FD9R 0	DDP21C33	FE5K 0	FE5K 0	DDP21C46	FE2X 0	FE2X 0	
	FD9R 2	HG7C 2		FE5K 2	HG5F 2		FE2X 2	HG4I 2	
	FE3L 0	FE3L 0		FE5P 0	FE5P 0		FE3Y 0	FE3Y 0	
	FE3L 2	HG8C 2		FE5P 2	HG6F 2		FE3Y 2	HG5I 2	
	FE6V 0	FE6V 0		FD7V 0	FD7V 0		FD7G 0	FD7G 0	
	FE6V 2	HG5D 2		FD7V 2	HG7F 2		FD7G 2	HG6I 2	
	FE6E 0	FE6E 0		DDP21C31	FD7F 1	FE5C 1	DDP21C44	FD9U 0	FD9U 0
	FE6E 2	HG6D 2		FE5C 0	FE5C 0	DDP21C44	FD9U 2	HG7I 2	
	FD6G 1	FE5E 1		FE5C 2	HG4G 2	DDP21C45	FE0Q 0	FE0Q 0	
	FE5E 0	FE5E 0		DDP21C32	FE3R 0	FE3R 0	DDP21C45	FE0Q 2	HG8I 2
	FE5E 2	HG7D 2		DDP21C33	FE3R 2	HG5G 2	DDP21C46	FD7T 0	FD7T 0
					DDP21C33	FE2I 0	FE2I 0	FD7T 2	HG4J 2
						FE2I 2	HG6G 2		

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CIRCUIT LIST

CIRCUIT NO.	FROM Z LOC.	TO Z LOC.	CIRCUIT NO.	FROM Z LOC.	TO Z LOC.	CIRCUIT NO.	FROM Z LOC.	TO Z LOC.
DDP21C47	FD6J 0 FD6J 2	FD6J 0 HG5J 2	DDP248A	FD6Q 1 FD9D 2 FD9D 1	FE2Q 1 FE2Q 2 FE6C 1	DDP31C01	FD1M 0 FD1M 2	FD1M 0 HF7A 2
DDP21C49	FD7E 0 FD7E 2	FD7E 0 HG7J 2	DDP248B	FD7M 2 FE0D 2 FE3N 1	FE3N 2 FE6G 2 FE6G 1	DDP31C02	FD1K 0 FD1K 2	FD1K 0 HF8A 2
DDP21C50	FD6E 0 FD5E 2	FD6E 0 HG8J 2	DDP248C	FD6H 1 FE0H 2 FE3Q 1	FEUH 1 FE6I 2 FE6I 1	DDP31C03	FD0K 0 FD0K 2	FD0K 0 HF9A 2
DDP22BA	FD9H 2	FE3P 2	DDP248D	FD6I 2 FD9I 1 FE3B 2	FD9I 2 FE3B 1 FE6M 2	DDP31C04	FC8J 0 FC8J 2	FC8J 0 HG0A 2
DDP22BB	FE0C 1	FE3T 1	DDP248E	FD7N 1 FD9N 2 FE2H 1	FD9N 1 FE5Q 2 FE5Q 1	DDP31C05	FC7L 0 FC7L 2	FC7L 0 HG1A 2
DDP23BA	FE0B 2 FE2C 1	FE2C 2 FE6B 1	DDP248F	FD7B 2 FE0S 1 FE2R 2	FEUS 2 FE2R 1 FE6S 2	DDP31C07	FD4Q 0 FD4Q 2	FD4Q 0 HF8B 2
DDP23BB	FD9C 1 FE3C 2	FE3C 1 FE5D 2	DDP248G	FD7W 1 FD7W 2 FD9V 2	FD9V 1 FE5X 2 FE2L 2	DDP31C08	FD3S 0 FD3S 2	FD3S 0 HF9B 2
DDP23BC	FD9F 2 FE3E 1	FE3E 2 FE6H 1	DDP248H	FD7S 2 FD9X 1 FE2Y 2	FD9X 2 FE2Y 1 FE5Y 2	DDP31C09	FD4U 0 FD4U 2	FD4U 0 HG0B 2
DDP23BD	FE0G 1 FE2G 2	FE2G 1 FE6L 2				DDP31C11	FC8K 0 FC8K 2	FC8K 0 HF7C 2
DDP23BE	FE0R 2 FE2D 1	FE5N 2 FE5N 1				DDP31C12	FC7J 0 FC7J 2	FC7J 0 HF8C 2
DDP23BF	FD9T 1 FE3G 2	FE6R 1 FE6R 2				DDP31C13	FC8T 0 FC8T 2	FC8T 0 HF9C 2
DDP23BG	FE0W 2 FE0W 1	FE2T 2 FE6W 1						

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CIRCUIT LIST

CIRCUIT NO.	FROM LOC.	TO LOC.	CIRCUIT NO.	FROM LOC.	TO LOC.	CIRCUIT NO.	FROM LOC.	TO LOC.
DDP3IC14	FC7R 0 FC7R 2	FC7R 0 HG0C 2	DDP3IC28	FD3P 0 FD3P 2	FD3P 0 HF9F 2	DDP3IC42	FD0X 2 FD1Y 0	HF7I 2 FD1Y 0
DDP3IC15	FD1L 0 FD1L 2	FD1L 0 HG1C 2	DDP3IC29	FC5V 0 FC5V 2	FC5V 0 HG0F 2	DDP3IC43	FD1Y 2 FC5G 0	HF8I 2 FC5G 0
DDP3IC17	FD4V 0 FD4V 2	FD4V 0 HF8D 2	DDP3IC31	FC5F 1 FD3C 0	FD3C 1 FD3C 0	DDP3IC44	FC5G 2 FC7U 0	HF9I 2 FC7U 0
DDP3IC18	FD4E 0 FD4E 2	FD4E 0 HF9D 2	DDP3IC32	FD3C 2 FD1R 0	HF7G 2 FD1R 0	DDP3IC45	FC7U 2 FC8G 0	HG0I 2 FC8G 0
DDP3IC19	FC4G 1 FD3E 0	FD3E 1 FD3E 0	DDP3IC33	FD1R 2 FD0I 0	HF8G 2 FD0I 0	DDP3IC46	FC8G 2 FC5T 0	HG1I 2 FC5T 0
DDP3IC21	FD3E 2 FC7Y 0	HG0D 2 FC7Y 0	DDP3IC34	HF9G 2 FD1X 0	FC7Y 2 HF7E 2	DDP3IC47	FC5T 2 FC4J 0	HF7J 2 FC4J 0
DDP3IC22	FDON 0 FDON 2	FDON 0 HF8E 2	DDP3IC35	HF9G 2 FD1X 2	FC4F 0 FC4F 2	DDP3IC49	FC4J 2 FC5E 0	HF8J 2 FC5E 0
DDP3IC23	FC8Y 0 FC8Y 2	FC8Y 0 HF9E 2	DDP3IC37	HG0G 2 FC4V 0	HG1G 2 FC4V 0	DDP3IC50	FC5E 2 FC4E 0	HG0J 2 FC4E 0
DDP3IC24	FC8U 0 FC8U 2	FC8U 0 HG0E 2	DDP3IC38	FC4V 2 FD3L 0	HF8H 2 FD3L 0	DDP32BA	FC4E 2 FC7H 1	HG1J 2 FD1P 1
DDP3IC25	FDOP 0 FDOP 2	FDOP 0 HG1E 2	DDP3IC39	FD3L 2 FC4U 0	HF9H 2 FC4U 0	DDP32BB	FC7H 1 FC8C 2	FD1P 1 FD1T 2
DDP3IC27	FD3K 0 FD3K 2	FD3K 0 HF8F 2	DDP3IC41	FC4U 2 FD0X 0	HG0H 2 FD0X 0	DDP33BA	FC8C 2 FC8B 1	FD1T 2 FD0C 1
							FD0C 2	FD4B 2

T 2608 3808 B800 B800 1 2608 3758 493 DDP3IC14 14 AG
 CIRCUIT LIST SYSTEM NAME UNIT NAME UNIT NO. FILE CIRCUIT INDEX PG REV

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CIRCUIT LIST

CIRCUIT NO.	FROM LOC.	TO LOC.	CIRCUIT NO.	FROM LOC.	TO LOC.	CIRCUIT NO.	FROM LOC.	TO LOC.
DDP33BB	FC7C 2	FD1C 2	DDP34BE	FC5N 2	FC7N 2	DFD/	+DF1Y 0	+DF1Y 0
	FD1C 1	FD3D 1		FC7N 1	FD3Q 1		+DF1Y 1	DG1P 1
DDP33BC	FC7F 1	FD1E 1		FD0H 2	FD3Q 2		+DF1Y 2	HI2G 2
	FD1E 2	FD4H 2	DDP34BF	FC5B 1	FC6S 1	DFDA	+DG1M 2	DG6R 2
DDP33BD	FC8G 2	FD0G 2		FC6S 2	FD0R 2		DG6K 1	DH3Y 1
	FD0G 1	FD4L 1		FD0R 1	FD4S 1		DH3Y 2	DH5L 2
DDP33BE	FC8R 1	FD3N 1	DDP34BG	FC5W 2	FC7V 2	DINT1/	+BA3X 1	BG4N 1
	FD0D 2	FD3N 2		FC5W 1	FD3X 1	DINT10/	BG1L 1	DE3N 1
DDP33BF	FC71 2	FD4R 2		FC7V 1	FD0L 1		DD4L 2	DE3N 2
	FD1G 1	FD4R 1	DDP34BH	FC5S 1	FC7X 1	DINT11/	BG1M 2	FC2N 2
DDP33BG	FC8W 1	FD0T 1		FC7X 2	FD0Y 2		FB3L 1	FC2N 1
	FC8W 2	FD4W 2		FD0Y 1	FD3Y 1	DINT12/	BG0N 1	FB0N 1
DDP34BA	FC4Q 2	FD0Q 2	DDP34BI	DD3G 1	DE2E 1		FA3L 2	FB0N 2
	FC7D 1	FD0Q 1	DDP34BJ	DD4F 1	DE2C 1	DINT2/	BG4L 2	FE6N 2
	FC7D 2	FD4C 2	DDP34BK	FB2G 1	FC1E 1		FD7L 1	FE6N 1
DDP34BB	FC5M 1	FD1N 1	DDP34BL	FA0G 1	FAYE 1	DINT3/	BG4M 1	FD4N 1
	FC8D 1	FD4G 1		FA0G 1	FAYE 1		FC5L 2	FD4N 2
	FD1N 2	FD4G 2	DDP34BM	FA1F 1	FAYC 1	DINT4/	BG3N 2	DG9N 2
DDP34BC	FC4H 2	FC6H 2	DEV/	DH0B 1	+DHJV 1	DIR0/	+BB0D 2	DA6L 2
	FC8H 1	FD4I 1		BD0L 2	+BD4E 2		DA6L 1	DB0S 1
	FD1Q 2	FD4I 2	DEVNT/	BA9R 1	+BD7N 1		DB0S 2	DB5L 2
DDP34BD	FC4I 1	FC7I 1	DEVJF				DB5L 1	DC1L 1
	FC7I 2	FD1B 2					DC1L 2	DC7L 2
	FD1B 1	FD4M 1						

T 2608 3808 B800 8800 1 2608 3758 493 DDP33BB 15 AG
 CIRCUIT LIST SYSTEM NAME UNIT NAME UNIT NO. FILE CIRCUIT INDEX PG REV

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CIRCUIT LIST

CIRCUIT NO.	FROM LOC.	TO LOC.	CIRCUIT NO.	FROM LOC.	TO LOC.	CIRCUIT NO.	FROM LOC.	TO LOC.
DIR1/	+BB0M 1	DB0T 1	DIR7/	DB5V 1	DC1V 1	UPR=0	+DA9I 0	+DA9I 0
	DA7T 2	DB0T 2		DC1V 2	DC7V 2		+DA9I 2	HC3A 2
	DA7T 1	DB6T 1		BA4N 1	+BA9X 1	UPR=1	+DB0G 0	+DB0G 0
	DB6T 2	DC2T 2		+BA9X 2	DA7K 2		+DB0G 2	HC5J 2
	DC2T 1	DC8T 1		DA7K 1	DB6K 1	DRAIN/	DG0W 1	+DH2V 1
DIR2/	+BA9F 2	DA6S 2	DLO=0	DB6K 2	DC2K 2			
	DA6S 1	DB0V 1		DC2K 1	DC8K 1	DRIVE/	DE6L 2	+DG3C 2
	DB0V 2	DB5S 2		DA9B 0	DA9B 0		+DG3C 0	+DG3C 0
	DB5S 1	DC1S 1		DA9B 2	HC3E 2		+DG3C 1	HI1E 1
	DC1S 2	DC7S 2						
DIR3/	+BA9N 1	DA7L 1	DLO=1	DA9F 0	DA9F 0	DSS=0	DA9L 0	DA9L 0
	DA7L 2	DA9W 2		DA9F 2	HC5F 2		DA9L 2	HC4C 2
	DA9W 1	DB6L 1						
	DB6L 2	DC2L 2	DM=0	+DA6N 0	+DA6N 0	DSS=1	DA9J 0	DA9J 0
	DC2L 1	DC8L 1		+DA6N 2	HB0D 2		DA9J 2	HC4H 2
DIR4/	BA3R 2	+BB0R 2	DM=1	+DB5N 0	+DB5N 0	DTD/	DE6P 2	+DG0S 2
	+BB0R 1	DA7J 1		+DB5N 2	HB0G 2		+DG0S 0	+DG0S 0
	DA7J 2	DB6J 2	DM=2	+DC1N 0	+DC1N 0		+DG0S 1	HI0E 1
	DB6J 1	DC2J 1		+DC1N 2	HB7D 2	DTIR	+DH3W 2	DH9K 2
	DC2J 2	DC8J 2				DTOR	+DH3C 1	DH6Q 1
DIR5/	BA4Q 1	+BA9W 1	DM=3	+DC7N 0	+DC7N 0	DWAIN	DG4H 2	DH0G 2
	+BA9W 2	DA7S 2		+DC7N 2	HB7G 2		DH0G 1	+DH2E 1
	DA7S 1	DB6S 1	DNEX/	+BC1U 2	BC5K 2	DXCOMP0/	DF1S 0	DF1S 0
	DB6S 2	DC2S 2		BC5K 1	BD6K 1		DF1S 2	HI7G 2
	DC2S 1	DC8S 1	DPERR/	+DF2X 0	+DF2X 0			
DIR6/	BA3P 2	+BB0W 2		+DF2X 2	DH0N 2			
	+BB0W 1	DA6V 1		+DF2X 1	HI1G 1			
	DA6V 2	DB5V 2						

T 2608 3808 B800 2608 3758 493 DIR1/ 16 AG
 CIRCUIT LIST SYSTEM NAME UNIT NAME UNIT NO. FILE CIRCUIT INDEX PG REV

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CIRCUIT LIST

CIRCUIT NO.	FROM LOC.	TO LOC.	CIRCUIT NO.	FROM LOC.	TO LOC.	CIRCUIT NO.	FROM LOC.	TO LOC.
DXCOMP1/	DF2R 0	DF2R 0	+DF2T 1	HJ3I 1		DF2H 2	HI5G 2	
	DF2R 2	HJ4G 2						
DXCOMP2/	DF1R 0	DF1R 0	DXF02/	+DF1U 0	+DF1U 0	DXMARK1/	DF1H 0	DF1H 0
	DF1R 2	HK1G 2		+DF1U 1	HK0I 1		DF1H 2	HJ2G 2
DXCOMP3/	DF2Q 0	DF2Q 0	DXF03/	+DF2U 0	+DF2U 0	DXMARK2/	DF2G 0	DF2G 0
	DF2Q 2	HK8G 2		+DF2U 1	HK7I 1		DF2G 2	HJ9G 2
DXDFD0/	DF2W 0	DF2W 0	DXILAD0/	+DF1N 0	+DF1N 0	DXMARK3/	DF2F 0	DF2F 0
	DF2W 2	HI9G 2		+DF1N 1	HI0I 1		DF2F 2	HK6G 2
DXDFD1/	DF1W 0	DF1W 0	DXILAD1/	DF2M 0	DF2M 0	DXWI0/	DF1D 0	DF1D 0
	DF1W 2	HJ6G 2		DF2M 1	HJ2I 1		DF1D 1	HI9E 1
DXDFD2/	DF2V 0	DF2V 0	DXILAD2/	DF2L 0	DF2L 0	DXWI1/	DF2D 0	DF2D 0
	DF2V 2	HK3G 2		DF2L 1	HJ9I 1		DF2D 1	HJ6E 1
DXDFD3/	DF1V 0	DF1V 0	DXILAD3/	DF1L 0	DF1L 0	DXWI2/	DF1E 0	DF1E 0
	DF1V 2	HLOG 2		DF1L 1	HK6I 1		DF1E 1	HK3E 1
DXDPER0/	DF2N 1	HI8G 1	DXIMK0/	DF1J 0	DF1J 0	DXWI3/	DF2E 0	DF2E 0
				DF1J 2	HI0G 2		DF2E 1	HLOE 1
DXDPER1/	DF1P 1	HJ5G 1	DXIMK1/	DF2J 0	DF2J 0	ENSYN	+BD6D 1	DC4S 1
				DF2J 2	HJ3G 2		DA3S 2	DB2S 2
DXDPER2/	DF2P 1	HK2G 1	DXIMK2/	DF1K 0	DF1K 0		DB2S 1	DB8S 1
				DF1K 2	HK0G 2		DB8S 2	DC4S 2
DXDPER3/	DF1Q 1	HK9G 1	DXIMK3/	DF2K 0	DF2K 0	EXTC	DG9C 2	DH3I 2
				DF2K 2	HK7G 2			
DXF00/	+DF2S 0	+DF2S 0	DXMARK0/	DF2H 0	DF2H 0	EXTCOND	BC7K 1	+BD4D 1
	+DF2S 1	HI0I 1						
DXF01/	+DF2T 0	+DF2T 0				EXT01/	+BA7X 2	+BE0P 2

CIRCUIT LIST

EXT101/ +BEOP 1 +BF4U 1
 +BF4U 2 BH3B 2
 BH3B 1 BM1Q 1
 BM1Q 2 +DK3C 2
 DD6W 2 DE2T 2
 DD6W 1 FE5T 1
 DE2T 1 DG4U 1
 DG4U 2 +DH5X 2
 +DH5X 1 DI7X 1
 DI7X 2 +DJ1P 2
 +DJ1P 1 +DK3C 1
 FA3W 2 FA9T 2
 FA9T 1 FB5W 1
 FB5W 2 FC1T 2
 FC1T 1 FC7W 1
 FC7W 2 FD3T 2
 FD3T 1 FD9W 1
 FD9W 2 FE5T 2

EXT02/ +BA7W 2 +BD9R 2
 +BD9R 1 +BF5T 1
 +BF5T 2 BH2C 2
 BH2C 1 BM1P 1
 BM1P 2 +DJ0Q 2
 DD7X 1 +DH0L 1
 DD7X 2 FE0X 2
 +DH0L 2 +DH5Y 2
 +DH5Y 1 +DJ0Q 1
 FA4X 1 FB6X 1
 FB6X 2 FC6X 2
 FC8X 1 FE0X 1

EXT03/ +BA6X 2 +BD9P 2

CIRCUIT NO. FROM 2 TO 2
 LOC. LOC.

EXT04/

EXT05/

CIRCUIT NO. FROM 2 TO 2
 LOC. LOC.

+BD9P 1 +BF5W 1
 +BF5W 2 BH3X 2
 BH3X 1 BM1G 1
 BM1G 2 +DJUL 2
 DD6S 1 +DG4E 1
 DD6S 2 FD9S 2
 +DG4E 2 +DH6U 2
 +DH6U 1 +DJUL 1
 FA3S 1 FB5S 1
 FB5S 2 FC7S 2
 FC7S 1 FD9S 1

+BE0Q 1 +BF4X 1
 +BF4X 2 BH3Y 2
 BH3Y 1 BM1L 1
 BM1L 2 +DJ1K 2
 DD7V 2 +DH6V 2
 DD7V 1 FE0V 1
 +DH6V 1 +DJ1K 1
 FA4V 2 FB6V 2
 FB6V 1 FC8V 1
 FC8V 2 FE0V 2

+BE0L 1 +BF4J 1
 +BF4J 2 +BG1H 2
 +BG1H 1 +BG4H 1
 +BG4H 2 BH3C 2
 BH3C 1 BL8Q 1
 BL8Q 2 +DJ0D 2
 DD7I 2 +DH5W 2
 DD7I 1 FE0I 1
 +DH5W 1 +DJ0D 1
 FA4I 2 FB6I 2

EXT106/

EXT07/

EXT08/

FB6I 1 FC8I 1
 FC8I 2 FE0I 2
 +BD9N 1 +BF4L 1
 +BF4L 2 +BG1E 2
 +BG1E 1 +BG4E 1
 +BG4E 2 BH2D 2
 BH2D 1 BL8P 1
 BL8P 2 +DJ0F 2
 DD6K 2 +DH6X 2
 DD6K 1 FD9K 1
 +DH6X 1 +DJ0F 1
 FA3K 2 FB5K 2
 FB5K 1 FC7K 1
 FC7K 2 FD9K 2

+BD9L 1 +BF4I 1
 +BF4I 2 +BG1F 2
 +BG1F 1 +BG4F 1
 +BG4F 2 BH3W 2
 BH3W 1 BL8G 1
 BL8G 2 +DJ1C 2
 DD7L 2 +DH6W 2
 DD7L 1 FE0L 1
 +DH6W 1 +DJ1C 1
 FA4L 2 FB6L 2
 FB6L 1 FC8L 1
 FC8L 2 FE0L 2

+BE0M 1 +BF5M 1
 +BF5M 2 +BG1G 2
 +BG1G 1 BG4G 1
 BG4G 2 BH2X 2

CIRCUIT NO. FROM 2 TO 2
 LOC. LOC.

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 CIRCUIT LIST SYSTEM NAME UNIT NAME UNIT NO. FILE CIRCUIT INDLX PG REV

CIRCUIT LIST

EXT108/

BH2X 1 BL8L 1
 BL8L 2 +DJ1F 2
 DD7M 2 +DH6Y 2
 DD7M 1 FE0M 1
 +DH6Y 1 +DJ1F 1
 FA4M 2 FB6M 2
 FB6M 1 FC8M 1
 FC8M 2 FE0M 2

EXT109/

+BE2P 1 +BF7U 1
 +BF7U 2 BH3E 2
 BH3E 1 BL5L 1
 BL5L 2 +DJ4P 2
 DD9U 2 +DG7X 2
 DD9U 1 FE2U 1
 +DG7X 1 +DJ4P 1
 FA6U 2 FB8U 2
 FB8U 1 FDOU 1
 FDOU 2 FE2U 2

EXT110/

+BE3P 1 +BF8T 1
 +BF8T 2 BH2E 2
 BH2E 1 BL5G 1
 BL5G 2 +DJ3Q 2
 DE0U 2 +DG6X 2
 DE0U 1 FE3U 1
 +DG6X 1 +DJ3Q 1
 FA7U 2 FB9U 2
 FB9U 1 FD1U 1
 FD1U 2 FE3U 2

EXT111/

+BE3Q 1 +BF8W 1
 +BF8W 2 BH3V 2

BH3V 1 BL5P 1
 BL5P 2 +DJ3L 2
 DE0V 2 +DG7Y 2
 DE0V 1 FE3V 1
 +DG7Y 1 +DJ3L 1
 FA7V 2 FB9V 2
 FB9V 1 FD1V 1
 FD1V 2 FE3V 2

EXT112/

+BE2Q 1 +BF7X 1
 +BF7X 2 BH2V 2
 BH2V 1 BL5Q 1
 BL5Q 2 +DK2C 2
 DD9V 1 +DH0V 1
 DD9V 2 FE2V 2
 +DH0V 2 +DJ4K 2
 +DJ4K 1 +DK2C 1
 FA6V 1 FB8V 1
 FB8V 2 FDOV 2
 FDOV 1 FE2V 1

EXT113/

+BE2L 1 +BF7J 1
 +BF7J 2 BH3U 2
 BH3U 1 BL2L 1
 BL2L 2 +DK2G 2
 DE0W 2 +DG6Y 2
 DE0W 1 FE3W 1
 +DG6Y 1 +DI8W 1
 +DI8W 2 +DJ3D 2
 +DJ3D 1 +DK2G 1
 FA7W 2 FB9W 2
 FB9W 1 FD1W 1
 FD1W 2 FE3W 2

EXT114/

+BE3J 1 +BF7L 1
 +BF7L 2 BH2F 2
 BH2F 1 BL2G 1
 BL2G 2 +DK3E 2
 DE0S 2 +DH0X 2
 DE0S 1 FE3S 1
 +DH0X 1 +DI8X 1
 +DI8X 2 +DJ3F 2
 +DJ3F 1 +DK3E 1
 FA7S 2 FB9S 2
 FB9S 1 FD1S 1
 FD1S 2 FE3S 2

EXT115/

+BE2K 1 +BF7I 1
 +BF7I 2 BG7F 2
 BG7F 1 BH3U 1
 BH3U 2 BL2P 2
 BL2P 1 +DK3D 1
 DD9W 1 +DH0W 1
 DD9W 2 FE2W 2
 +DH0W 2 +DI8Y 2
 +DI8Y 1 +DJ4C 1
 +DJ4C 2 +DK3D 2
 FA6W 1 FB8W 1
 FB8W 2 FDOW 2
 FDOW 1 FE2W 1

EXT116/

+BE3K 1 +BF8M 1
 +BF8M 2 BH2W 2
 BH2W 1 BL2Q 1
 BL2Q 2 +DJ4F 2
 DD9S 1 +DG9V 1

CIRCUIT NO.

FROM Z TO Z
 LOC. LOC.

CIRCUIT NO.

FROM Z TO Z
 LOC. LOC.

CIRCUIT NO.

FROM Z TO Z
 LOC. LOC.

T 2608 3808

B800

B800 1

2608 3758

493

EXT108/

19 AG

CIRCUIT LIST

SYSTEM NAME

UNIT NAME UNIT NO.

FILE

CIRCUIT INDEX

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CIRCUIT NO.	FROM LOC.	TO LOC.	CIRCUIT NO.	FROM LOC.	TO LOC.	CIRCUIT NO.	FROM LOC.	TO LOC.
EXT16/	DD9S 2	FE2S 2	EOERR	BF1S 1	+D10R 1	FCD110/	BA7I 2	+BD6L 2
	+DG9V 2	DI7Y 2	EOERRST/	BH0J 1	+D10E 1	FCD111/	+BD7K 1	BE3H 1
	DI7Y 1	+DJ4F 1		DI4J 2	+D10E 2	FCEND	+DG11 2	DG9E 2
	FA6S 1	FB8S 1		DI4J 1	DJ6T 1	FCLRCF	+DG0T 1	DG3N 1
	FB8S 2	FD0S 2		DJ6T 2	DJ9T 2		DG3N 2	DG7S 2
	FD0S 1	FE2S 1		DJ9T 1	DK3W 1	FCRQSTL/	+DG0E 2	DG3U 2
EOANYER	D15X 2	+D18M 2	EOIDPE/	+D10U 1	DJ6S 1	FCSTEAL/	+DG0K 1	DH2S 1
EOASPRST	DI4I 1	+DI7M 1	EOMDSB	+D18Q 1	DJ0C 1	FD/	BD1S 2	+BD7I 2
EOASR/	BG0E 2	BG3E 2		DJ0C 2	DJ9C 2	FECLEAR/	+BF2C 1	BF4E 1
	B43E 1	DI7J 1	EOSTOP2/	BH6Q 2	+DI7V 2		BF4E 2	BF7E 2
EOBEX	+D18S 1	DK3B 1	EOWRITE2	DI4H 1	+DI7R 1	FEEQUAL/	BE8F 2	+BF7T 2
EOB51	BG0C 2	BG3C 2		+DI7R 2	DJ7X 2	FEEQ1-B	+BF4T 1	BF7R 1
	BG3C 1	+DI8G 1	EOSEL	BK2P 1	+DI7C 1	FEPROC/	BE8E 2	+BF2M 2
	+DI8G 2	DK3X 2	FACE/	DE5K 1	+DH0Y 1		+BF2M 1	DI4N 1
EOB52	BG1T 1	BG4T 1		+DH0Y 0	+DH0Y 0	FESCLK/	BE8K 1	+BF2D 1
	BG4T 2	+DI7I 2	FCCLK/	+DH0Y 2	HI1C 2	FETEST	+BE9D 2	BF2V 2
	+DI7I 1	DK2M 1	FC0001/	+DG1F 2	DH0E 2	FETEST/	+BE8J 1	BF2B 1
EOB53	BG0Y 2	BG3Y 2		BA7P 1	+BD7L 1		+BE8J 2	DI7W 2
	BG3Y 1	+DI7H 1	FC0100/	BA7P 2	DB0N 2		DI7W 1	DJ3W 1
	+DI7H 2	DK2Y 2	FC0101/	+BD7Q 2	BE0K 2		DJ3W 2	DK2J 2
EODATCY	+D18V 2	DJ1R 2		BA6K 1	+BD6J 1			
	DJ1R 1	DJ4R 1						
	DJ4R 2	DJ9R 2						
	DJ6F 1	DJ9R 1						

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CIRCUIT LIST

FEULTST/	+BE9Y 2	DJ4T 2	FE3STNAR	+BF2X 1	BJ7J 1	GRDBUS2	DF4A 2	DF5H 2
FE1UPCNT	BF5E 1	+BF7F 1	FE4CLR	+BE0S 2	BF1X 2		DF4J 2	DF4Q 2
FE2AC03	BF2N 2	+BF5F 2	FE4CLR/	+BE9I 1	DI5K 1		DF4J 1	DF5H 1
FE2AC04	BF2P 1	+BF4F 1	FE4MPT1M	BE9S 1	BF1V 1	GRDBUS3	DF4Q 1	DF4Z 1
FE3DSELB	+BF2H 2	BF5G 2	FE4P2	BE0N 2	DJ6H 2		HM0C 1	HM1I 1
	BF5G 1	BF8G 1	FE4SC1+2	+BE9U 1	BF2L 1		HM1C 1	HM2H 1
FE3DSELC	+BF1F 1	BF4G 1	FE4SC1B	+BE0L 2	BF2U 2	GRDBUS4	HM1L 2	HM1J 2
	BF4G 2	BF7G 2	FE4SC3BB	+BE0H 1	BF2T 1		HM1J 1	HM4H 1
FE3DSELO	+BF1W 2	BF5Q 2	FE4SEL	+BE0W 2	BF1K 2		HM2H 2	HM4H 2
	BF5Q 1	BF8Q 1	FE4STAC	+BE9P 1	BF5B 1	IF0/	BG0A 1	BG0F 1
FE3DSEL1	+BF2W 1	BF5P 1		BF5B 2	BF7C 2		BG0F 2	BG0G 2
	BF5P 2	BF8P 2	FE4STPF/	+BE9C 2	BF2I 2	ILAD/	BA4L 2	BD1E 2
FE3ERR/	BE8D 2	BE6G 2		BF2I 1	DJ6I 1		+BD0Y 2	BD1N 2
	BE8G 1	+BF1R 1	F0/	+DF2Y 0	+DF2Y 0		BD1E 1	BD1N 1
FE3ERRPB	BE8I 1	+BF1N 1		+DF2Y 1	DH0T 1			
FE3LADDR	BE9W 2	BF2S 2	GRDBUS1	+DF2Y 2	HM9I 2	IMK/	+DF1C 0	+DF1C 0
FE3PCLK/	BE9E 1	+BF1J 1		DF7A 1	DF0H 1		+DF1C 2	DH0K 2
FE3SS/	+BF2F 1	BJ6E 1		DF7J 1	DF7Q 1	INSRLD	+DF1C 1	HM8I 1
	+BF2F 2	DU1X 2		DF7J 2	DF0H 2		DG7P 1	DH0K 1
FE3STNA	BF2Y 2	BJ7I 2		DF7Q 2	DF7Z 2	INST		
CIRCUIT NO.	FROM Z	TO Z	CIRCUIT NO.	FROM Z	TO Z			
	LUC.	LUC.		LUC.	LUC.			

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 CIRCUIT LIST SYSTEM NAME UNIT NAME UNIT NO. FILE CIRCUIT INDEX PG REV

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CIRCUIT LIST			CIRCUIT LIST			CIRCUIT LIST		
CIRCUIT NO.	FROM LOC.	TO LOC.	CIRCUIT NO.	FROM LOC.	TO LOC.	CIRCUIT NO.	FROM LOC.	TO LOC.
IRCLK/	+DH3P 1	DH9L 1	BE3N 1	+BE5B 1		LED7	+FH9Y 1	HL6I 1
IRPE	+DH3R 2	DH8K 2	LASTSB3	+BE6C 2	DB5X 2	LED8	+FH8W 1	HL5I 1
IR11	DH0Q 1	+DH5K 1		DA3V 2	DA6X 2	LICCE66/	BH3L 1	BH5L 1
IR16	DH2W 2	+DH9P 2		DA6X 1	DBUX 1	LIDE14	BH3Q 2	BH5K 2
IR8	+DG3J 1	DH3X 1	LASTSB4	DBOX 2	DB2V 2	LIENSHF	BH3G 1	BH5I 1
IOOUT	+BB0U 2	BD4K 2		DB2V 1	DB5X 1	LIERR/	BH6F 1	DI7L 1
	BU4K 1	BE3T 1		DC1X 2	DC4V 2	LIERS	BH5T 2	DI8P 2
KBENF/	BH5E 1	FE9K 1	LCWDN	DC4V 1	DC7X 1	LIFRGT2/	BH5K 1	BJ6D 1
KL-MAPE/	+DG6C 2	DH6I 2	LDFREQ	+DGOJ 2	DG7I 2	LIGORST/	BH3T 2	BH5N 2
	DH6I 1	DH9G 1	LDPB/	BA3S 1	+BA9F 1	LIINHSP/	BH6T 1	BK3N 1
KLCLK/	+DG6G 1	DH6H 1		DK3S 0	DK3S 0	LILCC/	BH2U 2	BH5Q 2
KLIC	DG6I 2	+DH5I 2	LDOR	DK3S 2	HA1D 2	LILRCNZ/	BH3R 1	BH5P 1
LAMPREF	+FE8N 0	+FE8N 0	LED1	+DG1K 2	DH3T 2	LILSAB	BH2I 2	BH6L 2
	+FE8N 2	HM2C 2	LED2	+FH9B 1	HL7J 1	LILSNCD	BH2G 1	BH6J 1
LASTPLS/	+BG6S 1	DH0C 1	LED3	+FH9C 1	HL6J 1	LILTBD/	BH3P 2	BH5J 2
LASTSB1	BA3W 1	BA7Y 1	LED4	+FH9D 1	HL5J 1	LILOAD	BH2K 1	BH5F 1
	BA7Y 2	+BE6B 2	LED5	+FH8C 1	HL4J 1		BH2K 2	DJ6C 2
LASTSB2	BD4Y 2	BD7X 2	LED6	+FH9X 1	HL3J 1			
	BD7X 1	BE0V 1		+FH9W 1	HL7I 1			
	BE0V 2	BE3N 2						

T 2608 3808 B800 22 AG
CIRCUIT LIST SYSTEM NAME UNIT NAME UNIT NO. FILE CIRCUIT INDEX PG REV

CIRCUIT LIST			CIRCUIT LIST			CIRCUIT LIST		
CIRCUIT NO.	FROM LOC.	TO LOC.	CIRCUIT NO.	FROM LOC.	TO LOC.	CIRCUIT NO.	FROM LOC.	TO LOC.
LILODET	BH2R 2	BH5M 2	LRC01	DGUR 2	+DG7K 2	LUADD08	BK8S 1	BL7R 1
LIMENCY/	BH6M 1	DJ6G 1	LSSB/	+BD6T 1	BE5K 1		BL7R 2	+BN0F 2
LIMODET	BH3I 2	BH6P 2		BE5C 2	BE5K 2	LUADD09	BK8L 2	BL4R 2
LINPE/	BH6H 1	DI8K 1	LUABT	BJ1C 1	+BM3J 1		BL4R 1	+BM6B 1
LIPCLRA/	BH3H 1	BH6K 1		BJ1C 2	DD1W 2	LUADD10	BK8L 1	BL4V 1
LIPECLR/	BH6W 2	DJ7B 2		+BM3J 2	+BM6J 2		BL4V 2	+BM7E 2
LISB/	BH3K 1	BH6E 1	LUADD01	+BM6J 1	+BM9J 1	LUADD11	BK9I 1	BL5T 1
LISTG/	BH2P 2	BH6X 2		+BM9J 2	+BN2J 2		BL5T 2	+BM6F 2
LISVREF	BT2R 1	BH6Y 1	LUADD02	BJ1I 1	BK9Q 1	LUADD12	BK9K 1	BL5U 1
	BH6Y 2	BH6W 2		BK9Q 2	BM1U 2		BL5U 2	+BM7F 2
	BH8W 1	BH9S 1	LUADD03	BM1U 1	+BN2B 1	LUADD13	BK9N 2	BL1R 2
	BH9Q 2	BH9S 2		BK8N 2	BM1T 2		BL1R 1	+BM3B 1
LNO	BA4K 1	+BA6I 1	LUADD04	BM1T 1	+BN3E 1	LUADD14	BK9P 2	BL1V 2
	+BA6I 2	BU0Q 2		BK9U 1	BMUV 1		BL1V 1	+BM4E 1
LN1	BA3K 2	+BA7H 2	LUADD05	BK9U 2	+BN2F 2	LUADD15	BK8V 1	BL2T 1
	+BA7H 1	BD1R 1		BK9L 1	BMOR 1		BL2I 2	+BM3F 2
LN2/	+BA7G 1	BD1K 1	LUADD06	BMOR 2	+BN3F 2	LUADD16	BJ0P 2	BK9G 2
LN4/	+BA6H 2	BD1T 2		BK8F 2	BL8U 2		BK9L 1	BL2U 1
LRCLK/	+DH2D 1	DH5G 1	LUADD07	BL8U 1	+BM9B 1		BL2U 2	+BM4F 2
				BK9S 2	BL8T 2	LUADIN01	+BM1W 2	BN2E 2
				BL8T 1	+BN0E 1	LUADIN02	+BM1J 1	BN3L 1
				BK9J 1	BL7V 1	LUADIN03	+BM0K 2	BN3K 2
				BL7V 2	+BM9F 2			

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CIRCUIT LIST SYSTEM NAME UNIT NAME UNIT NO. FILE CIRCUIT INDEX PG REV

CIRCUIT LIST

CIRCUIT NO.	FROM LOC.	TO LOC.	CIRCUIT NO.	FROM LOC.	TO LOC.	CIRCUIT NO.	FROM LOC.	TO LOC.
LUADIN04	+BM1D	1 BN3G	LUBSW03	BI7J	1 BK2X	LUBSW10	+BK8P	2 BL5V
LUADIN05	+BL8W	2 BM9E		BK2X	2 +BK0D		BL5V	1 BM6C
LUADIN06	+BL8J	1 BN0L		+BK8D	1 BMIR		BI2E	2 BK5S
LUADIN07	+BL7K	2 BN0K	LUBSW04	BMIR	2 BN5N		BK5S	1 +BK8Q
LUADIN08	+BL8D	1 BN0G		BI8I	1 BK3W		+BK8W	2 BL5R
LUADIN09	+BL5D	2 BM6E		BK3W	2 +BK6E		BL5R	1 BM7B
LUADIN10	+BL5J	1 BM7L	LUBSW05	+BK8E	1 BM1V	LUBSW11	BI1J	1 BK6V
LUADIN11	+BL4K	2 BM7K		BM1V	2 BN2L		BK6V	2 +BK8R
LUADIN12	+BL5W	1 BM7G		BI5G	2 BK3K		+BK8R	1 BL4Q
LUADIN13	+BL2D	2 BM3E		BK3K	1 +BK9F		BL4Q	2 BM7N
LUADIN14	+BL2J	1 BM4L	LUBSW06	+BK9F	2 BL7W	LUBSW12	BI2I	1 BK5X
LUADIN15	+BL1K	2 BM4K		BL7W	1 BM7C		BK5X	2 +BK8U
LUADIN16	+BL2W	1 BM4G		BI5E	2 BK2L		+BK8U	1 BL4W
LUBSW01	BK3X	1 +BK8Y	LUBSW07	BK2L	1 +BK8J	LUBSW13	BL4W	2 BM6L
	+BK8Y	2 BM0W		+BK8J	2 BL7Q		BH9G	1 BJ4P
	BM0W	1 BN2C		BL7Q	1 BN0B		BJ4P	2 BK6M
LUBSW02	BK2W	1 +BK9B		BI4J	1 BK3L		BK6M	1 +BK9V
	+BK9B	2 BM0Q	LUBSW08	BK3L	2 +BK0K		+BK9V	2 BL2V
	BM0Q	1 BN3B		+BK0K	1 BL8R	LUBSW14	BL2V	1 BM3C
				BL8R	2 BNUN		BH9E	1 BJ4U
			LUBSW09	BI5I	1 BK3M		BJ4U	2 BK6N
				BK3M	2 +BK9M		BK6N	1 +BK8X
				+BK9M	1 BL8V	LUBSW15	+BK8X	2 BL2R
				BL8V	2 BM9L		BL2R	1 BM4B
				BI2G	2 BK6T		BH8J	2 BJ3N
				BK6T	1 +BK0P		BJ3N	1 BK5F
							BK5F	2 +BK9Y

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CIRCUIT LIST

CIRCUIT NO.	FROM LOC.	TO LOC.	CIRCUIT NO.	FROM LOC.	TO LOC.	CIRCUIT NO.	FROM LOC.	TO LOC.
LUBSW15	+BK9Y 1	BL1Q 1	LUCOMP05	BL7P 1	+BM9V 1			
	BL1Q 2	BM4N 2						
LUBSW16	BH9I 2	BJ4Y 2	LUCOMP09	BL4P 2	+BM5T 2			
	BJ4Y 1	BK6H 1						
	BK6H 2	+BK9X 2	LUCOMP13	BL1P 1	+BM3V 1	LUMIR03/	BE0T 1	BF5U 1
	+BK9X 1	BL1W 1					BE0T 2	DD7P 2
	BL1W 2	BM3L 2	LUENBCLK	BL1X 2	BL4X 2		BF5U 2	BG6H 2
LUCAR01/	BJ0I 2	BJ3R 2		BL4X 1	BL7X 1		BG6H 1	BH0G 1
	BJ3R 1	BM9U 1		BL7X 2	BMOX 2		BH0G 2	+BM1S 2
	BM9U 2	+BN2K 2		BMOX 1	+BNOW 1		DD7P 1	DH9H 1
LUCAR05/	+BM9K 1	BN0X 1	LUMIR01/	BC1J 2	BDYS 2		DH9H 2	DJ0U 2
	+BM9K 2	BN2G 2		BC1J 1	DD6P 1		DJ0U 1	FE0P 1
LUCAR09	+BM6X 2	BM7V 2		BDYS 1	BF4B 1		FA4P 2	FB6P 2
LUCAR09/	BM3U 1	+BM6K 1		BF4B 2	+BH0F 2		FB6P 1	FC8P 1
	BM3U 2	BM7Y 2		+BH0F 1	+BMOU 1	LUMIR04/	FC8P 2	FE0P 2
LUCAR13/	+BM3K 2	BM4X 2		DD6P 2	UG3I 2		+BC2M 2	BD9V 2
	+BM3K 1	BM6G 1		UG3T 1	DH9J 1		+BC2M 1	DD6Q 1
LUCAR9G/	+BM7W 1	BM9G 1		DH9J 2	DJ0S 2		BD9V 1	BF4S 1
LUCOMP	BM4T 2	BN0T 2		DJ0S 1	FD9P 1		BF4S 2	BG6G 2
	BN0T 1	+BN2X 1		FA3P 2	FB5P 2		BG6G 1	BH0C 1
LUCOMP/	BN0V 1	+BN3W 1		FB5P 1	FC7P 1		BH0C 2	+BM0S 2
	+BN3W 2	BN3Y 2		FC7P 2	FD9P 2		DD6Q 2	DH8B 2
LUCOMP01	BM0P 2	+BM9T 2	LUMIR02/				DH8B 1	DJ10 1
				BC2J 2	BD9U 2		DJ10 2	FD9Q 2
				BC2J 1	DD7N 1		FA3G 1	FB50 1
				BD9U 1	BF4W 1		FB5G 2	FC7Q 2
				BF4W 2	+BG9D 2		FC7Q 1	FD9Q 1
				+BG9D 1	+BM1M 1	LUMIR05/		
				DD7N 2	DH2H 2		BC2S 2	BD9F 2
				DH2H 1	DH8I 1		BC2S 1	DD7E 1
				DH8I 2	DJUR 2		BD9F 1	BF5Y 1

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 CIRCUIT LIST SYSTEM NAME UNIT NAME UNIT NO. FILE CIRCUIT INDEX PG REV

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CIRCUIT LIST

LUMIRO5/
 BF5Y 2 +BG9E 2
 +BG9E 1 +BL7U 1
 DD7E 2 DH9R 2
 DH9R 1 DJ1W 1
 DJ1W 2 FE0E 2
 FA4E 1 FB6E 1
 FB6E 2 FC8E 2
 FC8E 1 FE0E 1

LUMIRO6/
 BC1R 2 BE0D 2
 BC1R 1 DD6E 1
 BE0D 1 BF5X 1
 BF5X 2 +BH0R 2
 +BH0R 1 +BL8M 1
 DD6E 2 DH8S 2
 DH8S 1 DJ0V 1
 DJ0V 2 FD9E 2
 FA3E 1 FB5E 1
 FB5E 2 FC7E 2
 FC7E 1 FD9E 1

LUMIRO7/
 BC1X 2 BE0F 2
 BC1X 1 DD7F 1
 BE0F 1 BF5C 1
 BF5C 2 +BG9Q 2
 +BG9Q 1 +BL8S 1
 DD7F 2 DH8P 2
 DH8P 1 DJ0Y 1
 DJ0Y 2 FE0F 2
 FA4F 1 FB6F 1
 FB6F 2 FC8F 2
 FC8F 1 FE0F 1

LUMIRO8/
 BC1Q 2 BE0E 2
 BC1Q 1 DD6G 1
 BE0E 1 BF5D 1
 BF5D 2 +BG9T 2
 +BG9T 1 +BL7S 1
 DD6G 2 DH9Q 2
 DH9Q 1 DJ0X 1
 DJ0X 2 FD9G 2
 FA3G 1 FB5G 1
 FB5G 2 FC7G 2
 FC7G 1 FD9G 1

LUMIRO9/
 BC2Y 2 BE2U 2
 BC2Y 1 DD4Y 1
 BE2U 1 BF7B 1
 BF7B 2 +BG9S 2
 +BG9S 1 +BL4S 1
 DD4Y 2 DE0H 2
 DE0H 1 DE3J 1
 DE3J 2 DH9U 2
 DH9U 1 DJ3S 1
 DJ3S 2 FE6J 2
 FA1Y 2 FA7H 2
 FA1Y 1 FB3Y 1
 FA7H 1 FB0J 1
 FB0J 2 FB9H 2
 FB3Y 2 FC5Y 2
 FB9H 1 FC2J 1
 FC2J 2 FD1H 2
 FC5Y 1 FD7Y 1
 FD1H 1 FD4J 1
 FD4J 2 FE3H 2
 FE3H 1 FE6J 1

LUMIRO10/
 BC2X 2 BE2W 2
 BC2X 1 DD9F 1
 BE2W 1 BF7W 1
 BF7W 2 +BH0T 2
 +BH0T 1 +BL5S 1
 DD4X 2 DG3Y 2
 DD4X 1 FE5F 1
 DD9F 2 DE2F 2
 DE2F 1 DH8U 1
 DG3Y 1 DJ3R 1
 DH8U 2 DJ3R 2
 FA1X 1 FA6F 1
 FA1X 2 FB3X 2
 FA6F 2 FA9F 2
 FA9F 1 FB8F 1
 FB3X 1 FC5X 1
 FB8F 2 FC1F 2
 FC1F 1 FD0F 1
 FC5X 2 FD7X 2
 FD0F 2 FD3F 2
 FD3F 1 FE2F 1
 FE2F 2 FE5F 2

LUMIRO11/
 BC2E 2 BE3W 2
 BC2E 1 DE0D 1
 BE3W 1 BF8U 1
 BF8U 2 +BH0L 2
 +BH0L 1 +BL5M 1
 DD3X 1 DJ3U 1
 DD3X 2 FE6D 2
 DE0D 2 DE3D 2
 DE3D 1 DH8T 1

CIRCUIT NO. FROM Z TO Z
 LUC. LUC.

CIRCUIT NO. FROM Z TO Z
 LUC. LUC.

CIRCUIT NO. FROM Z TO Z
 LUC. LUC.

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CIRCUIT LIST

LUMIR11/
 DH8T 2 DJ3U 2
 FA0X 2 FA7D 2
 FA0X 1 FB2X 1
 FA7D 1 FB0D 1
 FB0D 2 FB9D 2
 FB2X 2 FC4X 2
 FB9D 1 FC2D 1
 FC2D 2 FD1D 2
 FC4X 1 FD6X 1
 FD1D 1 FD4D 1
 FD4D 2 FE3D 2
 FE3D 1 FE6D 1

LUMIR12/
 BC1F 2 BE2X 2
 BC1F 1 DE0F 1
 BE2X 1 BF7S 1
 BF7S 2 +BHOW 2
 +BHOW 1 +BL4U 1
 DD3W 1 DJ4Q 1
 DD3W 2 FE6F 2
 DE0F 2 DE3F 2
 DE3F 1 DH9S 1
 DH9S 2 DJ4W 2
 FA0W 2 FA7F 2
 FA0W 1 FB2W 1
 FA7F 1 FB0F 1
 FB0F 2 FB9F 2
 FB2W 2 FC4W 2
 FB9F 1 FC2F 1
 FC2F 2 FD1F 2
 FC4W 1 FD6W 1
 FD1F 1 FD4F 1
 FD4F 2 FE3F 2

LUMIN13/

FE3F 1 FE6F 1
 BC2D 2 BE2C 2
 BC2D 1 DD4D 1
 BE2C 1 BF6Y 1
 BF6Y 2 +BG9X 2
 +BG9X 1 +BL1S 1
 DD4D 2 DEGI 2
 DEGI 1 DEZ1 1
 DEZ1 2 DH8Q 2
 DH8Q 1 DJ4W 1
 DJ4W 2 FE3I 2
 FA1D 1 FA7I 1
 FA7I 2 FA9I 2
 FA9I 1 FB3D 1
 FB3D 2 FB9I 2
 FB9I 1 FC1I 1
 FC1I 2 FC5D 2
 FC5D 1 FD1I 1
 FD1I 2 FD3I 2
 FD3I 1 FD7D 1
 FD7D 2 FE3I 2
 FE3I 1 FE5I 1

LUMIR14/

BC1D 2 BE3C 2
 BC1D 1 DD3D 1
 BE3C 1 BF6X 1
 BF6X 2 +BH0U 2
 +BH0U 1 +BL2S 1
 DD3D 2 DD9J 2
 DD9J 1 DH8L 1
 DE2R 1 DJ3V 1
 DE2R 2 FE2J 2

LUMIN15/

DH8L 2 DJ3V 2
 FA0C 1 FA6J 1
 FA0C 2 FA9R 2
 FA6J 2 FB2D 2
 FA9R 1 FC1R 1
 FB2D 1 FB8J 1
 FB8J 2 FC4D 2
 FC1R 2 FD3R 2
 FC4D 1 FD0J 1
 FD0J 2 FD6D 2
 FD3R 1 FE5R 1
 FD6D 1 FE2J 1
 BC1C 2 BE3B 2
 BC1C 1 DD3C 1
 BE3B 1 BF8C 1
 BF8C 2 +BG9Y 2
 +BG9Y 1 +BL2M 1
 DD3C 2 DD9E 2
 DD9E 1 DH9N 1
 DE3P 1 DJ3Y 1
 DE3P 2 FE2E 2
 DH9N 2 DJ3Y 2
 FA0C 1 FA6E 1
 FA0C 2 FB0P 2
 FA6E 2 FB2C 2
 FB0P 1 FC2P 1
 FB2C 1 FB8E 1
 FB8E 2 FC4C 2
 FC2P 2 FD4P 2
 FC4C 1 FD0E 1
 FD0E 2 FD6C 2
 FD4P 1 FE6P 1

CIRCUIT NO. FROM Z TO Z
 LUC. LUC.

CIRCUIT NO. FROM Z TO Z
 LUC. LUC.

CIRCUIT NO. FROM Z TO Z
 LUC. LUC.

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CIRCUIT LIST

CIRCUIT NO.	FROM LOC.	TO LOC.	CIRCUIT NO.	FROM LOC.	TO LOC.	CIRCUIT NO.	FROM LOC.	TO LOC.
LUMIR15/	FU6C 1	FE2E 1	LUNB40	BL2N 2	BL5N 2	DL4E 1	+FK8X 1	
LUMIR16/	BC2C 2	BE2F 2		BL5N 1	BL6N 1	MACS09	DK5E 2	DK8E 2
	BC2C 1	DD4C 1		BL6N 2	BMIN 2		DK8E 1	+FK5U 1
	BE2F 1	BF8D 1		BMIN 1	+BM9X 1	MACS10	FG3E 2	FG6E 2
	BF8D 2	+BG9V 2	LUSVREF	+BM9X 2	BN3V 2		FG6E 1	+FK6X 1
	+BG9V 1	+BL1U 1		BG0D 2	BG0H 2	MACS11	FF7E 2	FG0E 2
	DD4C 2	DE0J 2		BG0D 1	BG1C 1		FG0E 1	+FK5V 1
	DE0J 1	DH8N 1	MACLK/	BG0H 1	BJ3I 1	MACS12	FF1E 2	FF4E 2
	DE2W 1	DJ3X 1		BJ3I 2	BJ4I 2		FF4E 1	+FK6U 1
	DE2W 2	FE3J 2	MACS01	BJ4I 1	+BK9H 1	MACS13	FK6V 1	FM9E 1
	DH8N 2	DJ3X 2		+DG7C 1	DH8G 1		FM9E 2	FN2E 2
	FA1C 1	FA7J 1	MACS02	DK2U 1	+FK6U 1	MACS14	FK5W 1	FM3E 1
	FA1C 2	FA9W 2		DK3Q 1	+FK9X 1		FM3E 2	FM6E 2
	FA7J 2	FB3C 2	MACS03	DK2K 1	+FK8V 1	MAUI01	DK8I 1	DL4I 1
	FA9W 1	FC1W 1		DK3J 1	+FK9U 1		DL4I 2	DM0I 2
	FB3C 1	FB9J 1	MACS04	DM9E 2	DN2E 2		DM0I 1	DM6I 1
	FB9J 2	FC5C 2		DM9E 1	+FK9V 1		DM6I 2	DN2I 2
	FC1W 2	FU3W 2	MACS05	DM3E 2	DM6E 2		DN2I 1	FN2I 1
	FC5C 1	FU1J 1		DM3E 1	+FK0W 1		FF4I 2	FG0I 2
	FU1J 2	FU7C 2	MACS06	DL7E 2	DM0E 2		FG0I 1	FG6I 1
	FU3W 1	FESW 1		DL7E 1	+FK9W 1		FG6I 2	FI4I 2
	FU7C 1	FE3J 1	MACS07	DL1E 2	DL4E 2		FI4I 1	FJ0I 1
LUNB37/	+BM3X 2	BMAU 2	MACS08				FJ0I 2	FJ6I 2
	BMAU 1	BN0U 1					FJ6I 1	FK2I 1
	BM9W 2	BN0U 2					FK2I 2	+FK8D 2
LUNB39/	BL1T 1	BL4T 1					+FK8D 1	FL4I 1
	BL4T 2	BL7T 2						
	BL7T 1	BM0T 1						
	BM0T 2	+BM4W 2						
	+BM4W 1	BN2W 1						

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 CIRCUIT LIST SYSTEM NAME UNIT NAME UNIT NO. FILE CIRCUIT INDEX PG REV

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CIRCUIT LIST

MADI01 FL4I 2 FM0I 2
 FM0I 1 FM6I 1
 FM6I 2 FN2I 2

MADI02 DK8H 1 DL4H 1
 DL4H 2 DM0H 2
 DM0H 1 DM6H 1
 DM6H 2 DN2H 2
 DN2H 1 FN2H 1
 FF4H 2 FGOH 2
 FGOH 1 FG6H 1
 FG6H 2 FI4H 2
 FI4H 1 FJOH 1
 FJOH 2 FJ6H 2
 FJ6H 1 FK2H 1
 FK2H 2 +FK9D 2
 +FK9D 1 FL4H 1
 FL4H 2 FM0H 2
 FM0H 1 FM6H 1
 FM6H 2 FN2H 2

MADI03 DK9H 1 DL5H 1
 DL5H 2 DM1H 2
 DM1H 1 DM7H 1
 DM7H 2 DN3H 2
 DN3H 1 FN3H 1
 FF5H 2 FG1H 2
 FG1H 1 FG7H 1
 FG7H 2 FISh 2
 FISh 1 FJ1H 1
 FJ1H 2 FJ7H 2
 FJ7H 1 FK3H 1
 FK3H 2 +FK6C 2

MADI04

MADI05

+FK8C 1 FL5H 1
 FL5H 2 FM1H 2
 FM1H 1 FM7H 1
 FM7H 2 FN3H 2

DK8L 1 DL4L 1
 DL4L 2 DM0L 2
 DM0L 1 DM6L 1
 DM6L 2 DN2L 2
 DN2L 1 FN2L 1
 FF4L 2 FG0L 2
 FG0L 1 FG6L 1
 FG6L 2 FI4L 2
 FI4L 1 FJOL 1
 FJOL 2 FJ6L 2
 FJ6L 1 FK2L 1
 FK2L 2 +FK8G 2
 +FK8G 1 FL4L 1
 FL4L 2 FM0L 2
 FM0L 1 FM6L 1
 FM6L 2 FN2L 2

DK9K 1 DL5K 1
 DL5K 2 DM1K 2
 DM1K 1 DM7K 1
 DM7K 2 DN3K 2
 DN3K 1 FN3K 1
 FF5K 2 FG1K 2
 FG1K 1 FG7K 1
 FG7K 2 FISK 2
 FISK 1 FJ1K 1
 FJ1K 2 FJ7K 2
 FJ7K 1 FK3K 1

MADI06

MADI07

FK3K 2 +FK9G 2
 +FK9G 1 FL5K 1
 FL5K 2 FM1K 2
 FM1K 1 FM7K 1
 FM7K 2 FN3K 2

DK8K 1 DL4K 1
 DL4K 2 DM0K 2
 DM0K 1 DM6K 1
 DM6K 2 DN2K 2
 DN2K 1 FN2K 1
 FF4K 2 FG0K 2
 FG0K 1 FG6K 1
 FG6K 2 FI4K 2
 FI4K 1 FJOK 1
 FJOK 2 FJ6K 2
 FJ6K 1 FK2K 1
 FK2K 2 +FK8F 2
 +FK8F 1 FL4K 1
 FL4K 2 FM0K 2
 FM0K 1 FM6K 1
 FM6K 2 FN2K 2

DK9R 1 DL5R 1
 DL5R 2 DM1R 2
 DM1R 1 DM7R 1
 DM7R 2 DN3R 2
 DN3R 1 FN3R 1
 FF5R 2 FG1R 2
 FG1R 1 FG7R 1
 FG7R 2 FISR 2
 FISR 1 FJ1R 1
 FJ1R 2 FJ7R 2

CIRCUIT NO. FROM Z TO Z
 LUC. LUC.

CIRCUIT NO. FROM Z TO Z
 LUC. LUC.

CIRCUIT NO. FROM Z TO Z
 LUC. LUC.

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 CIRCUIT LIST SYSTEM NAME UNIT NAME UNIT NO. FILE CIRCUIT INDEX PG REV

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CIRCUIT LIST

MADI07
 FJ7R 1 FK3R 1
 FK3R 2 +FK9K 2
 +FK9K 1 FL5R 1
 FL5R 2 FM1R 2
 FM1R 1 FM7R 1
 FM7R 2 FN3R 2

MADI08
 DK8S 1 DL4S 1
 DL4S 2 DM0S 2
 DM0S 1 DM6S 1
 DM6S 2 DN2S 2
 DN2S 1 FN2S 1
 FF4S 2 FG0S 2
 FG0S 1 FG6S 1
 FG6S 2 F14S 2
 F14S 1 FJ0S 1
 FJ0S 2 FJ6S 2
 FJ6S 1 FK2S 1
 FK2S 2 +FK9M 2
 +FK9M 1 FL4S 1
 FL4S 2 FM0S 2
 FM0S 1 FM6S 1
 FM6S 2 FN2S 2

MADI09
 DK9S 1 DL5S 1
 DL5S 2 DM1S 2
 DM1S 1 DM7S 1
 DM7S 2 DN3S 2
 DN3S 1 FN3S 1
 FF5S 2 FG1S 2
 FG1S 1 FG7S 1
 FG7S 2 F15S 2
 F15S 1 FJ1S 1

MADI10

MADI11

FJ1S 2 FJ7S 2
 FJ7S 1 FK3S 1
 FK3S 2 +FK9J 2
 +FK9J 1 FL5S 1
 FL5S 2 FM1S 2
 FM1S 1 FM7S 1
 FM7S 2 FN3S 2

DK5I 1 DL1I 1
 DL1I 2 DL7I 2
 DL7I 1 DM3I 1
 DM3I 2 DM9I 2
 DM9I 1 FM9I 1
 FF1I 2 FF7I 2
 FF7I 1 FG3I 1
 FG3I 2 FI1I 2
 FI1I 1 FI7I 1
 FI7I 2 FJ3I 2
 FJ3I 1 FJ9I 1
 FJ9I 2 +FK5D 2
 +FK5D 1 FL1I 1
 FL1I 2 FL7I 2
 FL7I 1 FM3I 1
 FM3I 2 FM9I 2

DK5H 1 DL1H 1
 DL1H 2 DL7H 2
 DL7H 1 DM3H 1
 DM3H 2 DM9H 2
 DM9H 1 FM9H 1
 FF1H 2 FF7H 2
 FF7H 1 FG3H 1
 FG3H 2 FI1H 2

MADI12

MADI13

FI1H 1 FI7H 1
 FI7H 2 FJ3H 2
 FJ3H 1 FJ9H 1
 FJ9H 2 +FK6D 2
 +FK6D 1 FL1H 1
 FL1H 2 FL7H 2
 FL7H 1 FM3H 1
 FM3H 2 FM9H 2

DK6H 1 DL2H 1
 DL2H 2 DL8H 2
 DL8H 1 DM4H 1
 DM4H 2 DN0H 2
 DN0H 1 FN0H 1
 FF2H 2 FF8H 2
 FF8H 1 FG4H 1
 FG4H 2 FI2H 2
 FI2H 1 FI8H 1
 FI8H 2 FJ4H 2
 FJ4H 1 FK0H 1
 FK0H 2 +FK5C 2
 +FK5C 1 FL2H 1
 FL2H 2 FL8H 2
 FL8H 1 FM4H 1
 FM4H 2 FN0H 2

DK5L 1 DL1L 1
 DL1L 2 DL7L 2
 DL7L 1 DM3L 1
 DM3L 2 DM9L 2
 DM9L 1 FM9L 1
 FF1L 2 FF7L 2
 FF7L 1 FG3L 1

CIRCUIT NO.	FROM 2	TO 2	CIRCUIT NO.	FROM 2	TO 2	CIRCUIT NO.	FROM 2	TO 2
	LOC.	LOC.		LOC.	LOC.		LOC.	LOC.

T 2608 3808 B800 B800 1 2608 3758 493 MADI07 30 AG
 CIRCUIT LIST SYSTEM NAME UNIT NAME UNIT NO. FILE CIRCUIT INDEX PG REV

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CIRCUIT LIST

MADI13

FG3L 2 FI1L 2
 FI1L 1 FI7L 1
 FI7L 2 FJ3L 2
 FJ3L 1 FJ9L 1
 FJ9L 2 +FK5G 2
 +FK5G 1 FL1L 1
 FL1L 2 FL7L 2
 FL7L 1 FM3L 1
 FM3L 2 FM9L 2

MADI14

DK6K 1 DL2K 1
 DL2K 2 DL8K 2
 DL8K 1 DM4K 1
 DM4K 2 DNOK 2
 DNOK 1 FNOK 1
 FF2K 2 FF8K 2
 FF8K 1 FG4K 1
 FG4K 2 FI2K 2
 FI2K 1 FI8K 1
 FI8K 2 FJ4K 2
 FJ4K 1 FKOK 1
 FKOK 2 +FK6G 2
 +FK6G 1 FL2K 1
 FL2K 2 FL8K 2
 FL8K 1 FM4K 1
 FM4K 2 FNOK 2

MADI15

DK5K 1 DL1K 1
 DL1K 2 DL7K 2
 DL7K 1 DM3K 1
 DM3K 2 DM9K 2
 DM9K 1 FM9K 1
 FF1K 2 FF7K 2

CIRCUIT NO.

FROM 4 TO 2
 LUC. LUC.

MADI16

DK6R 1 DL2R 1
 DL2R 2 DL8R 2
 DL8R 1 DM4R 1
 DM4R 2 DNOR 2
 UNOR 1 FNOR 1
 FF2R 2 FF8R 2
 FF8R 1 FG4R 1
 FG4R 2 FI2R 2
 FI2R 1 FI8R 1
 FI8R 2 FJ4R 2
 FJ4R 1 FKOR 1
 FKOR 2 +FK6K 2
 +FK6K 1 FL2R 1
 FL2R 2 FL8R 2
 FL8R 1 FM4R 1
 FM4R 2 FNOR 2

MADI17

DK5S 1 DL1S 1
 DL1S 2 DL7S 2
 DL7S 1 DM3S 1
 DM3S 2 DM9S 2
 DM9S 1 FM9S 1

CIRCUIT NO.

FROM 4 TO 2
 LUC. LUC.

MADR05-1

FF1S 2 FF7S 2
 FF7S 1 FG3S 1
 FG3S 2 FI1S 2
 FI1S 1 FI7S 1
 FI7S 2 FJ3S 2
 FJ3S 1 FJ9S 1
 FJ9S 2 +FK6M 2
 +FK6M 1 FL1S 1
 FL1S 2 FL7S 2
 FL7S 1 FM3S 1
 FM3S 2 FM9S 2

MADR05-2

FFAG 2 FG0G 2
 FG0G 1 FG6G 1
 FG6G 2 FI4G 2
 FI4G 1 FJ0G 1
 FJ0G 2 FJ6G 2
 FJ6G 1 FK2G 1
 FK2G 2 +FK5R 2
 +FK5R 1 FLAG 1
 FLAG 2 FMOG 2
 FMOG 1 FM6G 1
 FM6G 2 FN2G 2

DK5G 2 DK8G 2
 DK8G 1 DL1G 1
 DL1G 2 DLAG 2
 DLAG 1 DL7G 1
 DL7G 2 DM0G 2
 DM0G 1 DM3G 1
 DM3G 2 DM6G 2
 DM6G 1 DM9G 1
 DM9G 2 DN2G 2

CIRCUIT NO.

FROM 2 TO 2
 LUC. LUC.

T 2608 3808
 CIRCUIT LIST

B800
 SYSTEM NAME

B800 1 2608 3758
 UNIT NAME UNIT NO.

493 MADI13
 FILE CIRCUIT INDEX

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 PG REV

500

CIRCUIT LIST

MAUR05-2

DN2G 1 FM9G 1
 FF1G 2 FF7G 2
 FF7G 1 FG3G 1
 FG3G 2 FI1G 2
 FI1G 1 FI7G 1
 FI7G 2 FJ3G 2
 FJ3G 1 FJ9G 1
 FJ9G 2 +FK6Q 2
 +FK6Q 1 FL1G 1
 FL1G 2 FL7G 2
 FL7G 1 FM3G 1
 FM3G 2 FM9G 2

DN0G 2 DN3G 2
 DN3G 1 FN0G 1
 FF2G 2 FF6G 2
 FF8G 1 FG4G 1
 FG4G 2 FI2G 2
 FI2G 1 FI8G 1
 FI8G 2 FJ4G 2
 FJ4G 1 FK0G 1
 FK0G 2 +FK9Q 2
 +FK9Q 1 FL2G 1
 FL2G 2 FL8G 2
 FL8G 1 FM4G 1
 FM4G 2 FN0G 2

FJ0C 2 FJ3C 2
 FJ3C 1 FJ6C 1
 FJ6C 2 FJ9C 2
 FJ9C 1 FK2C 1
 FK2C 2 +FK6R 2
 +FK6R 1 FL1C 1
 FL1C 2 FL4C 2
 FL4C 1 FL7C 1
 FL7C 2 FM0C 2
 FM0C 1 FM3C 1
 FM3C 2 FM6C 2
 FM6C 1 FM9C 1
 FM9C 2 FN2C 2

MADR06-1

FF5G 2 FG1G 2
 FG1G 1 FG7G 1
 FG7G 2 FI5G 2
 FI5G 1 FJ1G 1
 FJ1G 2 FJ7G 2
 FJ7G 1 FK3G 1
 FK3G 2 +FK8R 2
 +FK8R 1 FL5G 1
 FL5G 2 FM1G 2
 FM1G 1 FM7G 1
 FM7G 2 FN3G 2

MADR07

DK5C 2 DK8C 2
 DK8C 1 DL1C 1
 DL1C 2 DL4C 2
 DL4C 1 DL7C 1
 DL7C 2 DM0C 2
 DM0C 1 DM3C 1
 DM3C 2 DM6C 2
 DM6C 1 DM9C 1
 DM9C 2 DN2C 2
 DN2C 1 FN2C 1
 FF1C 1 FF4C 1
 FF4C 2 FF7C 2
 FF7C 1 FG0C 1
 FG0C 2 FG3C 2
 FG3C 1 FG6C 1
 FG6C 2 FI1C 2
 FI1C 1 FI4C 1
 FI4C 2 FI7C 2
 FI7C 1 FJ0C 1

MADR08

DK6C 2 DK9C 2
 DK9C 1 DL2C 1
 DL2C 2 DL5C 2
 DL5C 1 DL8C 1
 DL8C 2 DM1C 2
 DM1C 1 DM4C 1
 DM4C 2 DM7C 2
 DM7C 1 DN0C 1
 DN0C 2 DN3C 2
 DN3C 1 FN3C 1
 FF2C 1 FF5C 1
 FF5C 2 FF8C 2
 FF8C 1 FG1C 1
 FG1C 2 FG4C 2
 FG4C 1 FG7C 1
 FG7C 2 FI2C 2
 FI2C 1 FI5C 1
 FI5C 2 FI8C 2
 FI8C 1 FJ1C 1

MAUR06-2

DK6G 2 DK9G 2
 DK9G 1 DL2G 1
 DL2G 2 DL5G 2
 DL5G 1 DL8G 1
 DL8G 2 DM1G 2
 DM1G 1 DM4G 1
 DM4G 2 DM7G 2
 DM7G 1 DN0G 1

CIRCUIT NO.

FROM Z TO Z
 LUC. LUC.

CIRCUIT NO.

FROM Z TO Z
 LUC. LUC.

CIRCUIT NO.

FROM Z TO Z
 LUC. LUC.

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 CIRCUIT LIST SYSTEM NAME UNIT NAME UNIT NO. FILE CIRCUIT INDEX PG REV

CIRCUIT LIST

MAUR08
 FJ1C 2 FJ4C 2
 FJ4C 1 FJ7C 1
 FJ7C 2 FK0C 2
 FK0C 1 FK3C 1
 FK3C 2 +FK5M 2
 +FK5M 1 FL2C 1
 FL2C 2 FL5C 2
 FL5C 1 FL8C 1
 FL8C 2 FM1C 2
 FM1C 1 FM4C 1
 FM4C 2 FM7C 2
 FM7C 1 FN0C 1
 FN0C 2 FN3C 2

FJ0D 2 FJ3D 2
 FJ3D 1 FJ6D 1
 FJ6D 2 FJ9D 2
 FJ9D 1 FK2D 1
 FK2D 2 +FK6L 2
 +FK6L 1 FL1D 1
 FL1D 2 FL4D 2
 FL4D 1 FL7D 1
 FL7D 2 FM0D 2
 FM0D 1 FM3D 1
 FM3D 2 FM6D 2
 FM6D 1 FM9D 1
 FM9D 2 FN2D 2

FJ0B 2 FJ3B 2
 FJ3B 1 FJ6B 1
 FJ6B 2 FJ9B 2
 FJ9B 1 FK2B 1
 FK2B 2 +FK6H 2
 +FK6H 1 FL1B 1
 FL1B 2 FL4B 2
 FL4B 1 FL7B 1
 FL7B 2 FM0B 2
 FM0B 1 FM3B 1
 FM3B 2 FM6B 2
 FM6B 1 FM9B 1
 FM9B 2 FN2B 2

MAUR09
 DK5D 2 DK8D 2
 DK8D 1 DL1D 1
 DL1D 2 DL4D 2
 DL4D 1 DL7D 1
 DL7D 2 DM0D 2
 DM0D 1 DM3D 1
 DM3D 2 DM6D 2
 DM6D 1 DM9D 1
 DM9D 2 DN2D 2
 DN2D 1 FN2D 1
 FF1D 1 FF4D 1
 FF4D 2 FF7D 2
 FF7D 1 FG0D 1
 FG0D 2 FG3D 2
 FG3D 1 FG6D 1
 FG6D 2 FI1D 2
 FI1D 1 FI4D 1
 FI4D 2 FI7D 2
 FI7D 1 FJ0D 1

MADR10
 DK5B 2 DK8B 2
 DK8B 1 DL1B 1
 DL1B 2 DL4B 2
 DL4B 1 DL7B 1
 DL7B 2 DM0B 2
 DM0B 1 DM3B 1
 DM3B 2 DM6B 2
 DM6B 1 DM9B 1
 DM9B 2 DN2B 2
 DN2B 1 FN2B 1
 FF1B 1 FF4B 1
 FF4B 2 FF7B 2
 FF7B 1 FG0B 1
 FG0B 2 FG3B 2
 FG3B 1 FG6B 1
 FG6B 2 FI1B 2
 FI1B 1 FI4B 1
 FI4B 2 FI7B 2
 FI7B 1 FJ0B 1

MADR11
 DK6Y 2 DK9Y 2
 DK9Y 1 DL2Y 1
 DL2Y 2 DL5Y 2
 DL5Y 1 DL8Y 1
 DL8Y 2 DM1Y 2
 DM1Y 1 DM4Y 1
 DM4Y 2 DM7Y 2
 DM7Y 1 DN0Y 1
 DN0Y 2 DN3Y 2
 DN3Y 1 FN3Y 1
 FF2Y 1 FF5Y 1
 FF5Y 2 FF8Y 2
 FF8Y 1 FG1Y 1
 FG1Y 2 FG4Y 2
 FG4Y 1 FG7Y 1
 FG7Y 2 FI2Y 2
 FI2Y 1 FI5Y 1
 FI5Y 2 FI8Y 2
 FI8Y 1 FJ1Y 1

CIRCUIT NO. FROM Z TO Z
 LUC. LUC.

CIRCUIT NO. FROM Z TO Z
 LOC. LOC.

CIRCUIT NO. FROM Z TO Z
 LOC. LOC.

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 CIRCUIT LIST SYSTEM NAME UNIT NAME UNIT NO. FILE CIRCUIT INDEX PG REV

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CIRCUIT LIST

MADR11

FJ1Y 2 FJ4Y 2
 FJ4Y 1 FJ7Y 1
 FJ7Y 2 FK0Y 2
 FK0Y 1 FK3Y 1
 FK3Y 2 +FK5I 2
 +FK5I 1 FL2Y 1
 FL2Y 2 FL5Y 2
 FL5Y 1 FL8Y 1
 FL8Y 2 FM1Y 2
 FM1Y 1 FM4Y 1
 FM4Y 2 FM7Y 2
 FM7Y 1 FN0Y 1
 FN0Y 2 FN3Y 2

FJ0X 2 FJ3X 2
 FJ3X 1 FJ6X 1
 FJ6X 2 FJ9X 2
 FJ9X 1 FK2X 1
 FK2X 2 +FK9R 2
 +FK9R 1 FL1X 1
 FL1X 2 FL4X 2
 FL4X 1 FL7X 1
 FL7X 2 FM0X 2
 FM0X 1 FM3X 1
 FM3X 2 FM6X 2
 FM6X 1 FM9X 1
 FM9X 2 FN2X 2

FJ1X 2 FJ4X 2
 FJ4X 1 FJ7X 1
 FJ7X 2 FK0X 2
 FK0X 1 FK3X 1
 FK3X 2 +FK8M 2
 +FK8M 1 FL2X 1
 FL2X 2 FL5X 2
 FL5X 1 FL8X 1
 FL8X 2 FM1X 2
 FM1X 1 FM4X 1
 FM4X 2 FM7X 2
 FM7X 1 FN0X 1
 FN0X 2 FN3X 2

MADR12

DK5X 2 DK8X 2
 DK8X 1 DL1X 1
 DL1X 2 DL4X 2
 DL4X 1 DL7X 1
 DL7X 2 DM0X 2
 DM0X 1 DM3X 1
 DM3X 2 DM6X 2
 DM6X 1 DM9X 1
 DM9X 2 DN2X 2
 DN2X 1 FN2X 1
 FF1X 1 FF4X 1
 FF4X 2 FF7X 2
 FF7X 1 FGOX 1
 FGOX 2 FG3X 2
 FG3X 1 FG6X 1
 FG6X 2 FI1X 2
 FI1X 1 FI4X 1
 FI4X 2 FI7X 2
 FI7X 1 FJ0X 1

MADR13

DK6X 2 DK9X 2
 DK9X 1 DL2X 1
 DL2X 2 DL5X 2
 DL5X 1 DL8X 1
 DL8X 2 DM1X 2
 DM1X 1 DM4X 1
 DM4X 2 DM7X 2
 DM7X 1 DN0X 1
 DN0X 2 DN3X 2
 DN3X 1 FN3X 1
 FN3X 1 FF2X 1
 FF2X 2 FF5X 2
 FF5X 1 FF8X 1
 FF8X 2 FG1X 1
 FG1X 2 FG4X 2
 FG4X 1 FG7X 1
 FG7X 2 FI2X 2
 FI2X 1 FI5X 1
 FI5X 2 FI8X 2
 FI8X 1 FJ1X 1

MADR14

DK5Y 2 DK8Y 2
 DK8Y 1 DL1Y 1
 DL1Y 2 DL4Y 2
 DL4Y 1 DL7Y 1
 DL7Y 2 DM0Y 2
 DM0Y 1 DM3Y 1
 DM3Y 2 DM6Y 2
 DM6Y 1 DM9Y 1
 DM9Y 2 DN2Y 2
 DN2Y 1 FN2Y 1
 FN2Y 1 FF1Y 1
 FF1Y 2 FF4Y 2
 FF4Y 1 FF7Y 2
 FF7Y 2 FGOY 1
 FGOY 2 FG3Y 2
 FG3Y 1 FG6Y 1
 FG6Y 2 FI1Y 2
 FI1Y 1 FI4Y 1
 FI4Y 2 FI7Y 2
 FI7Y 1 FJ0Y 1

CIRCUIT NO.

FROM Z TO Z
 LOC. LOC.

CIRCUIT NO.

FROM Z TO Z
 LOC. LOC.

CIRCUIT NO.

FROM Z TO Z
 LOC. LOC.

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B800

B800 1

2608 3758

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MADR11

34 AG

CIRCUIT LIST

SYSTEM NAME

UNIT NAME UNIT NO.

FILE

CIRCUIT INDEX

PG REV

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CIRCUIT LIST

MADR14
 FJ0Y 2 FJ3Y 2
 FJ3Y 1 FJ6Y 1
 FJ6Y 2 FJ9Y 2
 FJ9Y 1 FK2Y 1
 FK2Y 2 +FK9L 2
 +FK9L 1 FL1Y 1
 FL1Y 2 FL4Y 2
 FL4Y 1 FL7Y 1
 FL7Y 2 FMOY 2
 FMOY 1 FM3Y 1
 FM3Y 2 FM6Y 2
 FM6Y 1 FM9Y 1
 FM9Y 2 FN2Y 2

FJ0W 2 FJ3W 2
 FJ3W 1 FJ6W 1
 FJ6W 2 FJ9W 2
 FJ9W 1 FK2W 1
 FK2W 2 +FKYH 2
 +FKYH 1 FL1W 1
 FL1W 2 FL4W 2
 FL4W 1 FL7W 1
 FL7W 2 FMOW 2
 FMOW 1 FM3W 1
 FM3W 2 FM6W 2
 FM6W 1 FM9W 1
 FM9W 2 FN2W 2

FJ1B 2 FJ4B 2
 FJ4B 1 FJ7B 1
 FJ7B 2 FK0B 2
 FK0B 1 FK3B 1
 FK3B 2 +FK8I 2
 +FK8I 1 FL2B 1
 FL2B 2 FL5B 2
 FL5B 1 FL8B 1
 FL8B 2 FM1B 2
 FM1B 1 FM4B 1
 FM4B 2 FM7B 2
 FM7B 1 FN0B 1
 FN0B 2 FN3B 2

MADR15
 DK5W 2 DK8W 2
 DK8W 1 DL1W 1
 DL1W 2 DL4W 2
 DL4W 1 DL7W 1
 DL7W 2 DM0W 2
 DM0W 1 DM3W 1
 DM3W 2 DM6W 2
 DM6W 1 DM9W 1
 DM9W 2 DN2W 2
 DN2W 1 FN2W 1
 FF1W 1 FF4W 1
 FF4W 2 FF7W 2
 FF7W 1 FGOH 1
 FGOH 2 FG3W 2
 FG3W 1 FG6W 1
 FG6W 2 FI1W 2
 FI1W 1 FI4W 1
 FI4W 2 FI7W 2
 FI7W 1 FJ0W 1

MADR16
 DK6B 2 DK9B 2
 DK9B 1 DL2B 1
 DL2B 2 DL5B 2
 DL5B 1 DL8B 1
 DL8B 2 DM1B 2
 DM1B 1 DM4B 1
 DM4B 2 DM7B 2
 DM7B 1 DN0B 1
 DN0B 2 DN3B 2
 DN3B 1 FN3B 1
 FF2B 1 FF5B 1
 FF5B 2 FF8B 2
 FF8B 1 FG1B 1
 FG1B 2 FG4B 2
 FG4B 1 FG7B 1
 FG7B 2 FI2B 2
 FI2B 1 FI5B 1
 FI5B 2 FI8B 2
 FI8B 1 FJ1B 1

MATCH/
 DG0Y 2 DG3R 2
 DG3R 1 +DG6E 1
 +DG6E 2 DH0I 2
 MAWRT/-1
 DK9W 1 DL5W 1
 DL5W 2 DM1W 2
 DM1W 1 DM7W 1
 DM7W 2 DN3W 2
 DN3W 1 FN3W 1
 FF5W 2 FG1W 2
 FG1W 1 FG7W 1
 FG7W 2 FI5W 2
 FI5W 1 FJ1W 1
 FJ1W 2 FJ7W 2
 FJ7W 1 FK3W 1
 FK3W 2 +FK9Y 2
 +FK9Y 1 FL5W 1
 FL5W 2 FM1W 2
 FM1W 1 FM7W 1

CIRCUIT NO.	FROM Z	TO Z	CIRCUIT NO.	FROM Z	TO Z	CIRCUIT NO.	FROM Z	TO Z
	LUC.	LUC.		LUC.	LUC.		LUC.	LUC.

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 CIRCUIT LIST SYSTEM NAME UNIT NAME UNIT NO. FILE CIRCUIT INDEX PG REV

CIRCUIT LIST

CIRCUIT NO.	FROM LOC.	TO LOC.	CIRCUIT NO.	FROM LOC.	TO LOC.	CIRCUIT NO.	FROM LOC.	TO LOC.
MAWRT/-1	FM7W 2	FM3W 2	MOPAR	+BB2T 2	+BB5T 2	MD05/	+BB3C 1	+BB6C 1
				+BB5I 1	+BB8T 1		+BB6C 2	+BB9C 2
MAWRT/-2	DK6W 1	DL2W 1		+BB8T 2	+BC1K 2		+BB9C 1	BC5N 1
	DL2W 2	DL8W 2	MDRUN	BG6Y 1	DH2C 1		+BC2W 2	BC5N 2
	DL8W 1	DM4W 1					+BC2W 1	BD4V 1
	DM4W 2	DN0W 2	MDOUT	+BG7E 2	DG9K 2	MD06/	+BB2E 1	+BB5E 1
	DN0W 1	FN0W 1		DG9K 1	DH3M 1		+BB5E 2	+BB8E 2
	FF2W 2	FF8W 2					+BB8E 1	BC4Q 1
	FF8W 1	FG4W 1	MD01/	+BB3H 1	+BB6H 1		+BC4W 2	BC4Q 2
	FG4W 2	FI2W 2		+BB6H 2	+BB9H 2		+BC1W 1	BD3W 1
	FI2W 1	FI8W 1		+BB9H 1	+BC1T 1			
	FI8W 2	FJ4W 2		+BC1T 2	BC4R 2	MD07/	+BB2B 2	+BB5B 2
	FJ4W 1	FK0W 1		BC4R 1	BD4T 1		+BB5B 1	+BB8B 1
	FK0W 2	+FK6Y 2					+BB8B 2	+BC1H 2
	+FK6Y 1	FL2W 1	MD02/	+BB3B 1	+BB6B 1		+BC1H 1	BC5X 1
	FL2W 2	FL8W 2		+BB6B 2	+BB9B 2		BC5X 2	BD4P 2
	FL8W 1	FM4W 1		+BB9B 1	BC4H 1			
	FM4W 2	FN0W 2		+BC2T 2	BC4H 2	MD08/	+BB2C 1	+BB5C 1
MODIN	BG6C 1	DH2K 1		+BC2T 1	BD3U 1		+BB5C 2	+BB8C 2
MDEXT	BG6K 2	DH0D 2	MD03/				+BB8C 1	+BC2H 1
				+BB2D 2	+BB5D 2		+BC2H 2	BD4H 2
				+BB5D 1	+BB8D 1		BC5Y 1	BD4H 1
MDI	DG3X 1	DH9I 1		+BB8D 2	BC5B 2			
				+BC2V 1	BC5B 1	MD09/	+BB3X 1	+BB6X 1
MDI/	BG7B 1	DG3K 1		+BC2V 2	BD4U 2		+BB6X 2	+BB9X 2
	DG3K 2	DH2M 2					+BB9X 1	+BC2I 1
	DG7T 1	DH2M 1	MD04/	+BB3D 1	+BB6D 1		+BC2I 2	BC4P 2
				+BB6D 2	+BB9D 2		BC4P 1	BD7P 1
MDP/	+BB3S 1	+BB6S 1		+BB9D 1	+BC1V 1			
	+BB6S 2	+BB9S 2		+BC1V 2	BC5Q 2	MD10/	+BB3W 1	+BB6W 1
	+BB9S 1	BC2P 1		BC5Q 1	BD3V 1		+BB6W 2	+BB9W 2
							+BB9W 1	+BC1E 1

T 2608 3808 B800 B800 1 2608 3758 493 MAWRT/-1 36 AG
 CIRCUIT LIST SYSTEM NAME UNIT NAME UNIT NO. FILE CIRCUIT INDEX PG REV

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CIRCUIT LIST			CIRCUIT LIST			CIRCUIT LIST		
CIRCUIT NO.	FROM Z LOC.	TO Z LOC.	CIRCUIT NO.	FROM Z LOC.	TO Z LOC.	CIRCUIT NO.	FROM Z LOC.	TO Z LOC.
MD10/	4401E 1 445A 2	310R 2 310R 2						8801 1 +8001 1
MD11/	+882Y 1 +885Y 2 +888Y 1 +882B 2 +882B 1	+886Y 1 +880Y 2 8C41 1 8C41 2 8U7E 1	MPCR02/	882R 1 882R 2 882R 2	882R 1 882R 2 +8C3T 1	MPCR10/	882R 1 885R 2 888R 1	+885B 1 888R 2 +8C4D 1
MD12/	+883Y 1 +886Y 2 +889Y 1 +8C11 2 +8C11 1	+886Y 1 +889Y 2 8C4X 1 8C4X 2 8U7B 1	MPCR03/	882S 1 882S 2 882S 1	882S 1 882S 2 +8C4K 1	MPCR11/	883L 1 886L 2 889L 1	886L 1 889L 2 +8C5B 1
MD13/	+887U 1 +887U 2	8H3H 1 8H3L 2	MPCR04/	882P 1 882P 2 882P 1	882P 1 882P 2 +8C4N 1	MPCR12	+883N 2	885G 2
MD14/	+886P 1	8H2T 1	MPCR05/	882Q 1 882Q 2 882Q 1	882Q 1 882Q 2 +8C4M 1	MPCR12/	882G 2 882G 1 882M 1	882M 2 888G 1 +8C4T 1
MD15/	+886L 2	8H2Y 2	MPCR06/	882K 1 882K 2 882K 1	882K 1 882K 2 +8C4C 1	MPCR13	+882N 1	889E 1
MD16/	+889H 1 BL1M 2 BL4M 1 BL7M 2	BL1M 1 BL4M 2 BL7M 1 8M0M 2	MPCR07/	882K 1 882K 2 882K 1	882K 1 882K 2 +8C5C 1	MPCR13/	883E 2 883E 1 883M 1	883M 2 886E 1 +8C4L 1
MD17/	+880K 2	8U3H 2	MPCR08/	882J 1 882J 2 882J 1	882J 1 882J 2 +8C5E 1	MPCR1F/	FJ9J 1	FK3J 1
MD18/	+8C2F 1	8C0M 1				MPCR2F/	FJ3J 2	FJ7J 2
MD19/	882R 1	882K 1	MPCR09/	882I 1 882I 2	882I 1 882I 2	MPCR3F/	FI7J 1	FJ1J 1
MD20/						MPCR4F/	FI1J 2	FISJ 2
MD21/						MPD001/	+DK9E 1 +DL5E 2 +DM1E 1	+DL5E 1 +DM1E 2 +DM7E 1

CIRCUIT LIST

MPD001/
 +DM7E 2 +DN3E 2
 +DN3E 1 +FN3E 1
 +FF5E 2 +FG1E 2
 +FG1E 1 +FG7E 1
 +FG7E 2 FH5Q 2
 FH5Q 1 +FI5E 1
 +FI5E 2 +FJ1E 2
 +FJ1E 1 +FJ7E 1
 +FJ7E 2 +FK3E 2
 +FK3E 1 +FL5E 1
 +FL5E 2 +FM1E 2
 +FM1E 1 +FM7E 1
 +FM7E 2 +FN3E 2

MPD002/
 +DK8F 1 +DL4F 1
 +DL4F 2 +DM0F 2
 +DM0F 1 +DM6F 1
 +DM6F 2 +DN2F 2
 +DN2F 1 +FN2F 1
 +FF4F 2 +FG0F 2
 +FG0F 1 +FG6F 1
 +FG6F 2 FH5F 2
 FH5F 1 +FI4F 1
 +FI4F 2 +FJ0F 2
 +FJ0F 1 +FJ6F 1
 +FJ6F 2 +FK2F 2
 +FK2F 1 +FL4F 1
 +FL4F 2 +FM0F 2
 +FM0F 1 +FM6F 1
 +FM6F 2 +FN2F 2

MPD003/
 +DK9F 1 +DL5F 1
 +DL5F 2 +DM1F 2

+DM1F 1 +DM7F 1
 +DM7F 2 +DN3F 2
 +DN3F 1 +FN3F 1
 +FF5F 2 +FG1F 2
 +FG1F 1 +FG7F 1
 +FG7F 2 FH5N 2
 FH5N 1 +FI5F 1
 +FI5F 2 +FJ1F 2
 +FJ1F 1 +FJ7F 1
 +FJ7F 2 +FK3F 2
 +FK3F 1 +FL5F 1
 +FL5F 2 +FM1F 2
 +FM1F 1 +FM7F 1
 +FM7F 2 +FN3F 2

MPD004/

+DK9N 1 +DL5N 1
 +DL5N 2 +DM1N 2
 +DM1N 1 +DM7N 1
 +DM7N 2 +DN3N 2
 +DN3N 1 +FN3N 1
 +FF5N 2 +FG1N 2
 +FG1N 1 +FG7N 1
 +FG7N 2 FH6N 2
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 +FI5N 2 +FJ1N 2
 +FJ1N 1 +FJ7N 1
 +FJ7N 2 +FK3N 2
 +FK3N 1 +FL5N 1
 +FL5N 2 +FM1N 2
 +FM1N 1 +FM7N 1
 +FM7N 2 +FN3N 2

MPD005/

+DK8P 1 +DL4P 1

+DL4P 2 +DM0P 2
 +DM0P 1 +DM6P 1
 +DM6P 2 +DN2P 2
 +DN2P 1 +FN2P 1
 +FF4P 2 +FG0P 2
 +FG0P 1 +FG6P 1
 +FG6P 2 FH6H 2
 FH6H 1 +FI4P 1
 +FI4P 2 +FJ0P 2
 +FJ0P 1 +FJ6P 1
 +FJ6P 2 +FK2P 2
 +FK2P 1 +FL4P 1
 +FL4P 2 +FM0P 2
 +FM0P 1 +FM6P 1
 +FM6P 2 +FN2P 2

MPD006/

+DK8N 1 +DL4N 1
 +DL4N 2 +DM0N 2
 +DM0N 1 +DM6N 1
 +DM6N 2 +DN2N 2
 +DN2N 1 +FN2N 1
 +FF4N 2 +FG0N 2
 +FG0N 1 +FG6N 1
 +FG6N 2 FH6F 2
 FH6F 1 +FI4N 1
 +FI4N 2 +FJ0N 2
 +FJ0N 1 +FJ6N 1
 +FJ6N 2 +FK2N 2
 +FK2N 1 +FL4N 1
 +FL4N 2 +FM0N 2
 +FM0N 1 +FM6N 1
 +FM6N 2 +FN2N 2

CIRCUIT NO. FROM Z TO Z
 LOC. LOC.

CIRCUIT NO. FROM Z TO Z
 LOC. LOC.

CIRCUIT NO. FROM Z TO Z
 LOC. LOC.

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 CIRCUIT LIST SYSTEM NAME UNIT NAME UNIT NO. FILE CIRCUIT INDEX PG REV

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 0.

CIRCUIT LIST

MPD007/
 +DK9T 1 +DL5T 1
 +DL5T 2 +DM1T 2
 +DM1T 1 +DM7T 1
 +DM7T 2 +DN3T 2
 +DN3T 1 +FN3T 1
 +FF5T 2 +FG1T 2
 +FG1T 1 +FG7T 1
 +FG7T 2 FH6D 2
 FH6D 1 +FI5T 1
 +FI5T 2 +FJ1T 2
 +FJ1T 1 +FJ7T 1
 +FJ7T 2 +FK3T 2
 +FK3T 1 +FL5T 1
 +FL5T 2 +FM1T 2
 +FM1T 1 +FM7T 1
 +FM7T 2 +FN3T 2

MPD008/
 +DN8U 1 +DL4U 1
 +DL4U 2 +DM0U 2
 +DM0U 1 +DM6U 1
 +DM6U 2 +DN2U 2
 +DN2U 1 +FN2U 1
 +FF4U 2 +FG0U 2
 +FG0U 1 +FG6U 1
 +FG6U 2 FH5E 2
 FH5E 1 +FI4U 1
 +FI4U 2 +FJ0U 2
 +FJ0U 1 +FJ6U 1
 +FJ6U 2 +FK2U 2
 +FK2U 1 +FL4U 1
 +FL4U 2 +FM0U 2
 +FM0U 1 +FM6U 1
 +FM6U 2 +FN2U 2

MPD009/
 +DK9U 1 +DL5U 1
 +DL5U 2 +DM1U 2
 +DM1U 1 +DM7U 1
 +DM7U 2 +DN3U 2
 +DN3U 1 +FN3U 1
 +FF5U 2 +FG1U 2
 +FG1U 1 +FG7U 1
 +FG7U 2 FH6E 2
 FH6E 1 +FI5U 1
 +FI5U 2 +FJ1U 2
 +FJ1U 1 +FJ7U 1
 +FJ7U 2 +FK3U 2
 +FK3U 1 +FL5U 1
 +FL5U 2 +FM1U 2
 +FM1U 1 +FM7U 1
 +FM7U 2 +FN3U 2

MPD010/
 +DK6E 1 +DL2E 1
 +DL2E 2 +DL6E 2
 +DL6E 1 +DM4E 1
 +DM4E 2 +DN0E 2
 +DN0E 1 +FN0E 1
 +FF2E 2 +FF6E 2
 +FF6E 1 +FG4E 1
 +FG4E 2 FH6X 2
 FH6X 1 +FI2E 1
 +FI2E 2 +FI8E 2
 +FI8E 1 +FJ4E 1
 +FJ4E 2 +FK0E 2
 +FK0E 1 +FL2E 1
 +FL2E 2 +FL6E 2
 +FL6E 1 +FM4E 1

MPD011/
 +FM4E 2 +FN0E 2
 +DK5F 1 +DL1F 1
 +DL1F 2 +DL7F 2
 +DL7F 1 +DM3F 1
 +DM3F 2 +DM9F 2
 +DM9F 1 +FM9F 1
 +FF8F 2 +FF7F 2
 +FF7F 1 +FG3F 1
 +FG3F 2 FH5Y 2
 FH5Y 1 +FI1F 1
 +FI1F 2 +FI7F 2
 +FI7F 1 +FJ3F 1
 +FJ3F 2 +FJ9F 2
 +FJ9F 1 +FL1F 1
 +FL1F 2 +FL7F 2
 +FL7F 1 +FM3F 1
 +FM3F 2 +FM9F 2

MPD012/
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 +DL2F 2 +DL8F 2
 +DL8F 1 +DM4F 1
 +DM4F 2 +DN0F 2
 +DN0F 1 +FN0F 1
 +FF2F 2 +FF8F 2
 +FF8F 1 +FG4F 1
 +FG4F 2 FH6Y 2
 FH6Y 1 +FI2F 1
 +FI2F 2 +FI8F 2
 +FI8F 1 +FJ4F 1
 +FJ4F 2 +FK0F 2
 +FK0F 1 +FL2F 1
 +FL2F 2 +FL8F 2

CIRCUIT NO. FROM Z TO Z
 LUC. LUC.

CIRCUIT NO. FROM Z TO Z
 LUC. LUC.

CIRCUIT NO. FROM Z TO Z
 LUC. LUC.

CIRCUIT LIST

MPD012/ +FL8F 1 +FM4F 1
 +FM4F 2 +FN0F 2

MPD013/ +DK6N 1 +DL2N 1
 +DL2N 2 +DL8N 2
 +DL8N 1 +DM4N 1
 +DM4N 2 +DN0N 2
 +DN0N 1 +FN0N 1
 +FF2N 2 +FF8N 2
 +FF8N 1 +FG4N 1
 +FG4N 2 FH5X 2
 FH5X 1 +FI2N 1
 +FI2N 2 +FI8N 2
 +FI8N 1 +FJ4N 1
 +FJ4N 2 +FK0N 2
 +FK0N 1 +FL2N 1
 +FL2N 2 +FL8N 2
 +FL8N 1 +FM4N 1
 +FM4N 2 +FN0N 2

MPD014/ +DK5P 1 +DL1P 1
 +DL1P 2 +DL7P 2
 +DL7P 1 +DM3P 1
 +DM3P 2 +DM9P 2
 +DM9P 1 +FM9P 1
 +FF1P 2 +FF7P 2
 +FF7P 1 +FG3P 1
 +FG3P 2 FH6M 2
 FH6M 1 +FI1P 1
 +FI1P 2 +FI7P 2
 +FI7P 1 +FJ3P 1
 +FJ3P 2 +FJ9P 2
 +FJ9P 1 +FL1P 1

CIRCUIT NO. FROM Z TO Z
 LUC. LUC.

MPD015/

+FL1P 2 +FL7P 2
 +FL7P 1 +FM3P 1
 +FM3P 2 +FM9P 2

+DK5N 1 +DL1N 1
 +DL1N 2 +DL7N 2
 +DL7N 1 +DM3N 1
 +DM3N 2 +DM9N 2
 +DM9N 1 +FM9N 1
 +FF1N 2 +FF7N 2
 +FF7N 1 +FG3N 1
 +FG3N 2 FH6M 2
 FH6M 1 +FI1N 1
 +FI1N 2 +FI7N 2
 +FI7N 1 +FJ3N 1
 +FJ3N 2 +FJ9N 2
 +FJ9N 1 +FL1N 1
 +FL1N 2 +FL7N 2
 +FL7N 1 +FM3N 1
 +FM3N 2 +FM9N 2

MPD016/

+DK6T 1 +DL2T 1
 +DL2T 2 +DL8T 2
 +DL8T 1 +DM4T 1
 +DM4T 2 +DN0T 2
 +DN0T 1 +FN0T 1
 +FF2T 2 +FF8T 2
 +FF8T 1 +FG4T 1
 +FG4T 2 FH5P 2
 FH5P 1 +FI2T 1
 +FI2T 2 +FI8T 2
 +FI8T 1 +FJ4T 1
 +FJ4T 2 +FK0T 2

CIRCUIT NO. FROM Z TO Z
 LUC. LUC.

MPD017/

+FK0T 1 +FL2T 1
 +FL2T 2 +FL8T 2
 +FL8T 1 +FM4T 1
 +FM4T 2 +FN0T 2
 +DK5U 1 +DL1U 1
 +DL1U 2 +DL7U 2
 +DL7U 1 +DM3U 1
 +DM3U 2 +DM9U 2
 +DM9U 1 +FM9U 1
 +FF1U 2 +FF7U 2
 +FF7U 1 +FG3U 1
 +FG3U 2 FH6P 2
 FH6P 1 +FI1U 1
 +FI1U 2 +FI7U 2
 +FI7U 1 +FJ3U 1
 +FJ3U 2 +FJ9U 2
 +FJ9U 1 +FL1U 1
 +FL1U 2 +FL7U 2
 +FL7U 1 +FM3U 1
 +FM3U 2 +FM9U 2

MPD1F/

FJ6J 2 FK0J 2

MPD2F/

DK2P 1 FJ4J 1

MPD3F/

FI4J 2 FI8J 2

MPD4F/

DK3h 1 FI2J 1

MPMERR

BA6h 2 +BC2U 2

MPM01

BF5H 1 BG9F 1

CIRCUIT NO. FROM Z TO Z
 LUC. LUC.

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CIRCUIT LIST

MPM01
 BG9F 2 DJ9K 2
 DJ1I 1 DJ9K 1
 DJ1I 2 +FH5L 2

MPM02
 BF4V 1 BH0E 1
 BH0E 2 DJ9X 2
 DJ0J 1 DJ9X 1
 DJ0J 2 +FH6I 2

MPM03
 BF5R 2 BG9G 2
 BG9G 1 BI7R 1
 BI7R 2 DK0S 2
 DJ1J 1 DK0S 1
 DJ1J 2 +FH5K 2

MPM04
 BF4Q 2 BH0D 2
 BH0D 1 BI7K 1
 BI7K 2 DJ9Y 2
 DJ0K 1 DJ9Y 1
 DJ0K 2 +FH6J 2

MPM05
 BF5L 2 BG9C 2
 BG9C 1 BI4I 1
 BI4I 2 BJ3U 2
 BJ3U 1 DJ1D 1
 DJ1D 2 +FH5I 2

MPM06
 BF4N 2 BG9R 2
 BG9R 1 BI5J 1
 BI5J 2 BJ3P 2
 BJ3P 1 DJ1B 1
 DJ1B 2 +FH6G 2

MPM08

MPM09

MPM10

MPM11

MPM07
 BF4H 2 BH0Q 2
 BH0Q 1 BI4K 1
 BI4R 2 BJ4N 2
 BJ4N 1 DJ0E 1
 DJ0E 2 +FH5D 2

MPM08
 BF4K 2 BG9U 2
 BG9U 1 BI4K 1
 BI4K 2 BJ3Y 2
 BJ3Y 1 DJ1E 1
 DJ1E 2 +FH6B 2

MPM09
 BF8H 2 BH0S 2
 BH0S 1 BI1I 1
 BI1I 2 DJ4I 2
 DJ4I 1 +FH5J 1
 FG9Y 1 FH2Y 1
 FH2Y 2 +FH5J 2

MPM10
 BF7V 2 BH0P 2
 BH0P 1 BI2J 1
 BI2J 2 DJ3J 2
 DJ3J 1 +FH5S 1
 FH0V 1 FH3V 1
 FH3V 2 +FH5S 2

MPM11
 BF4R 2 BH0M 2
 BH0M 1 BI1R 1
 BI1V 2 DJ4J 2
 DJ4J 1 +FH6U 1
 FH0K 1 FH3W 1
 FH3W 2 +FH6U 2

MPM12
 BF7G 2 BG9L 2
 BG9L 1 BI1K 1
 BI1K 2 DJ3K 2
 DJ3K 1 +FH5U 1
 FG9W 1 FH2W 1
 FH2W 2 +FH5U 2

MPM13
 BF8L 2 BH0X 2
 BH0X 1 BH8I 1
 BH8I 2 DJ4D 2
 DJ4D 1 +FH6T 1
 FG9V 1 FH2V 1
 FH2V 2 +FH6T 2

MPM14
 BF7N 2 BH0V 2
 BH0V 1 BH9J 1
 BH9J 2 DJ4B 2
 DJ4B 1 +FH6S 1
 FG9X 1 FH2X 1
 FH2X 2 +FH6S 2

MPM15
 BF7H 2 BH0Y 2
 BH0Y 1 BH8R 1
 BH8R 2 DJ3E 2
 DJ3E 1 +FH6L 1
 FH0X 1 FH3X 1
 FH3X 2 +FH6L 2

MPM16
 BF7K 2 BG9W 2
 BG9W 1 BH8K 1
 BH8K 2 DJ4E 2
 DJ4E 1 +FH6Q 1
 FH0Y 1 FH3Y 1

CIRCUIT NO.	FROM Z LUC.	TO Z LUC.	CIRCUIT NO.	FROM Z LUC.	TO Z LUC.	CIRCUIT NO.	FROM Z LUC.	TO Z LUC.
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T 2608 3808 B800 8800 1 2608 3758 493 MPM01 41 AG
 CIRCUIT LIST SYSTEM NAME UNIT NAME UNIT NO. FILE CIRCUIT INDEX PG REV

CIRCUIT LIST

CIRCUIT NO.	FROM LUC.	TO LUC.	CIRCUIT NO.	FROM LUC.	TO LUC.	CIRCUIT NO.	FROM LUC.	TO LUC.
MPM16	FH3Y 2	+FH6Q 2		BI7G 1	+BK2G 1	MUAM10	+BH8V 1	BL2I 1
MPM17	DJ6Y 1	FH5R 1	MUAM-MP	BH9M 1	BI2M 1	MUAM11	+BH8Q 1	BL2F 1
MTRCLK=0	+DA4N 0	+DA4N 0		BI2M 2	BI5M 2	MUAM12	+BH9X 1	BL2B 1
	+DA4N 2	HA8D 2		BI5M 1	BI8M 1			
				BI8M 2	+BJ7C 2			
MTRCLK=1	+DB3N 0	+DB3N 0	MUANX	+BI7Q 1	BM1F 1	MUAPLS1	BH8P 2	BI1P 2
	+DB3N 2	HB2G 2					BI1P 1	BI4P 1
			MUAMODEA	+BK0B 1	BM3P 1		BI4P 2	BI7P 2
MTRCLK=2	+DB9N 0	+DB9N 0		BM3P 2	BM6P 2		BI7P 1	+BK3E 1
	+DB9N 2	HB5D 2		BM6P 1	BM9P 1	MUAPLS2	BH8U 1	BI1U 1
				BM9P 2	BN2P 2		BI1U 2	BI4U 2
MTRCLK=3	+DC5N 0	+DC5N 0	MUAM00	+BI8X 1	BM1B 1		BI4U 1	BI7U 1
	+DC5N 2	HB9G 2					BI7U 2	+BK2I 2
			MUAM01	+BI5U 1	BL0H 1		+BK2I 1	+BK3H 1
MTRMODE/	BA4U 1	BC2K 1				MUAS0A	+BK0K 2	BM4I 2
	BC2K 2	BD4I 2	MUAM02	+BI4V 1	BL8I 1		BM4I 1	BM7I 1
	BD4I 1	+BE3F 1				MUAS0B	+BJ9L 1	BN0I 1
MUACTL1	+BJ7S 2	BM3R 2	MUAM03	+BI4Q 1	BL6F 1		BN0I 2	BN3I 2
	BM3R 1	BM6R 1				MUAS1A	+BK0L 2	BM3I 2
	BM6R 2	BM9R 2	MUAM04	+BI5X 1	BL0B 1		BM3I 1	BM6I 1
	BM9R 1	BN2R 1				MUAS1B	+BJ9K 1	BM9I 1
MUACTL2	BJ7Y 1	BM4P 1	MUAM05	+BI2U 1	BL5H 1		BM9I 2	BN2I 2
	BM4P 2	BM7P 2				MUAS2A	+BK0G 2	BM4H 2
	BM7P 1	BN0P 1	MUAM06	+BI1V 1	BL5I 1		BM4H 1	BM7H 1
	BN0P 2	BN3P 2						
MUAM-MCA	BH8G 2	BI1G 2	MUAM07	+BI1Q 1	BL5F 1			
	BI1G 1	BI4G 1						
	BI4G 2	BI7G 2	MUAM08	+BI2X 1	BL5B 1			
			MUAM09	+BH9U 1	BL2H 1			

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 CIRCUIT LIST SYSTEM NAME UNIT NAME UNIT NO. FILE CIRCUIT INDEX PG REV

CIRCUIT LIST

CIRCUIT NO.	FROM LOC.	TO LOC.	CIRCUIT NO.	FROM LOC.	TO LOC.	CIRCUIT NO.	FROM LOC.	TO LOC.
MUAS2B	+BJ9I 1	BN0H 1	MUCTR3	+BK6P 2	BM0G 2	MUDN43	+BJ7X 2	BK3V 2
	BN0H 2	BN3H 2		BM0G 1	+BN2D 1	MUDN44	+BJ6Y 1	BK2U 1
MUAS3A	+BJ9H 2	BM3H 2	MUCTR4	+BK6L 1	BM0B 1	MUDN48/	BJ0F 2	+BK6D 2
	BM3H 1	BM6H 1		BM0B 2	+BN3C 2	MUENB1/	+BJ7N 1	BL7E 1
MUAS3B	+BJ9E 1	BM9H 1	MUCTR5	+BK6E 2	BL8K 2		BL7D 2	BL7E 2
	BM9H 2	BN2H 2		BL8K 1	+BNOR 1		BL7D 1	BM0E 1
MUA1C1	+B15V 2	B17W 2	MUCTR6	+BK6G 1	BL7J 1	MUENB3/	+BJ6P 2	BL1E 2
				BL7J 2	+BNOM 2		BL1E 1	BL4E 1
MUA1C5	+B12V 1	B14W 1	MUCTR7	+BK5G 2	BL7G 2		BL4U 2	BL4L 2
				BL7G 1	+BM9D 1	MUINGREN	BE9H 1	BH8F 1
MUA1C9	+BH9V 2	B11W 2	MUCTR8	+BK5E 1	BL7B 1		BH8F 2	BI1F 2
				BL7B 2	+BNCC 2		BI1F 1	BI4F 1
MUA2C1	+B15T 1	B18R 1	MUCOV	BJ0C 2	+BK5L 2		BI4F 2	BI7F 2
							BI7F 1	+BK2E 1
MUA2C5	+B12T 2	B15R 2	MUDCALL/	+BJ6G 1	BK2F 1	MUINGRX	BF4M 2	+BI7H 2
							+BI7H 1	DJ9I 1
MUA2C9	+BH9T 1	B12R 1	MUDN41	+BJ7W 2	BL2Y 2	MUING00	BF1P 2	BF1U 2
				BL2Y 1	BL3Y 1		BF1P 1	BF5I 1
MUBORC	BH8Y 2	BI1Y 2		BL3Y 2	BL6Y 2		BF5I 2	+BI7E 2
	BI1Y 1	BI4Y 1		BL6Y 1	BM1Y 1		+BI7E 1	DJ9P 1
	BI4Y 2	BI7Y 2						
	BI7Y 1	+BJ7D 1	MUDN42	BH9C 1	BI2C 1	MUING01	BF2U 1	BF5V 1
MUCIN/	+BKOC 1	BM3G 1		BI2C 2	BI3C 2		BF2U 2	+BI4D 2
				BI3C 1	BI6C 1		+BI4D 1	DK0J 1
MUCTR1	+BK6Q 2	BM1K 2		BI6C 2	+BJ6X 2	MUING02	BF5S 2	+BI5B 2
	BM1K 1	+BN3R 1						
MUCTR2	+BK5Q 1	BM0J 1						
	BM0J 2	+BN3M 2						

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CIRCUIT NO.	FROM Z LUC.	TO Z LUC.	CIRCUIT NO.	FROM Z LUC.	TO Z LUC.	CIRCUIT NO.	FROM Z LUC.	TO Z LUC.
MUINC02	+BI5B 1	DJ9U 1	MUINH87	+BK0D 1	BH6W 1	MULIT8	+BH9N 2	BK6I 2
MUINC03	BF5J 2	+BI4H 2	MULIT-MP	BH8N 2	BI1N 2		BK6I 1	BL1B 1
	+BI4H 1	DJ9J 1		BI1N 1	+BJ0C 1		BL1B 2	+BMAC 2
MUINC04	BF5K 2	+BI4E 2	MULIT1	+BI2K 1	BK5T 1	MUMPUREN	BH9F 1	BI2F 1
	+BI4E 1	DJ9V 1		BK5T 2	BL5K 2		BI2F 2	BI5F 2
MUINC05	BF8F 2	+BI1U 2		BL5K 1	+BM7R 1		BI5F 1	BI8F 1
	+BI1D 1	DJ6K 1	MULIT2				BI8F 2	+BK2B 2
MUINC06	BF8E 2	+BI2B 2		+BI1L 2	BK6S 2	MUMPLS1	BH8T 2	BI1T 2
	+BI2B 1	DJ6J 1		BK6S 1	BL4J 1		BI1T 1	BI4T 1
MUINC07	BF7Y 2	+BI1H 2	MULIT3	BL4J 2	+BM7M 2		BI4I 2	BI7T 2
	+BI1H 1	DJ7K 1		+BI2L 1	BK5W 1		BI7T 1	+BK2J 1
MUINC08	BF8I 2	+BI1E 2		BK5W 2	BL4G 2	MUMPLS2	+BK2J 2	+BK3I 2
	+BI1E 1	DJ7L 1	MULIT4	BL4G 1	+BM6D 1		BH9P 1	BI2P 1
MUINC09	BF8V 2	+BH8D 2		+BI2N 2	BK6W 2		BI2P 2	BI5P 2
	+BH8D 1	DJ7P 1	MULIT5	BK6W 1	BL4B 1		BI5P 1	BI8P 1
MUINC10	BF8S 2	+BH9B 2		BL4B 2	+BM7C 2		BI8P 2	+BK2K 2
	+BH9B 1	DJ7N 1	MULIT6				+BK2K 1	+BK3J 1
MUINC11	BF8J 2	+BH8H 2		+BH9K 1	BK5N 1	MUM1C1	+BIAS 2	BI8S 2
	+BH8H 1	DJ6Q 1		BK5N 2	BL2K 2			
MUINC12	BF1Q 1	BF8K 1	MULIT7	BL2K 1	+BM4R 1	MUM1C5	+BI1S 1	BI5S 1
	BF8K 2	+BH8E 2		+BH8L 2	BK5K 2			
	+BH8E 1	DJ6R 1		BK5K 1	BL1J 1	MUM1C9	+BH8S 2	BI2S 2
				BL1J 2	+BM4M 2			
				+BH9L 1	BK6F 1	MUM2C1	+BI5W 1	BI7X 1
				BK6F 2	BL1G 2			
				BL1G 1	+BM5D 1	MUM2C5	+BI2W 2	BI4X 2
						MUM2C9	+BH9W 1	BI1X 1

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CIRCUIT NO.	FROM Z LOC.	TO Z LOC.	CIRCUIT NO.	FROM Z LOC.	TO Z LOC.	CIRCUIT NO.	FROM Z LOC.	TO Z LOC.
MUNB20	+BJ9W 2	BMON 2	MUNB39	+BK5P 2	BM3W 2		BM0H 1	BN3U 1
				BM3W 1	BM4V 1		DJ9L 2	DK2L 2
MUNB21/	+BKOV 1	BMOD 1	MUNB40/	+BK5V 1	BN9Y 1	MUOS02	+BK2S 2	BM0I 2
				+BK5V 2	DI0C 2		+BK2S 1	DK0I 1
MUNB25	+BK0Y 2	BL1N 2					DK0I 2	DK3I 2
MUNB26/	+BK0S 1	BL1D 1	MUNQE1	+BJ6T 2	BM9N 2	MUOS03	+BK3Y 2	BM0F 2
				BM9N 1	BN2N 1		+BK3Y 1	DKON 1
MUNB34	+BJ9P 2	BM4S 2	MUNQE3	+BJ6S 1	BM3N 1		DKON 2	DK3N 2
	BM4S 1	BM7S 1		BM3N 2	BMON 2			
	BM7S 2	BNOS 2	MUSAR=MP	BJ4D 2	+BJ7B 2	MUOS04	+BK3U 2	BM0C 2
	BNOS 1	BN3S 1					+BK3U 1	DJ9F 1
MUNB35	+BKON 1	BM3S 1	MUSELBA1	+BJ7R 1	BL2E 1		DJ9F 2	DK2F 2
	BM3S 2	BM6S 2		BL2E 2	BL5E 2	MUOS05	BG1X 1	+BK3T 1
	BM6S 1	BM9S 1		BL5E 1	BL6E 1		+BK3T 2	BL7H 2
	BM9S 2	BN2S 2		BL8E 2	BM1E 2		BL7H 1	DKOU 1
MUNB36	+BKOM 2	BM3Q 2	MUSELBB1	+BJ6R 2	BL2C 2		DKOU 2	DK3U 2
	BM3Q 1	BM6Q 1		BL2C 1	BL5C 1	MUOS05/	BG4X 1	+BK3P 1
	BM6Q 2	BM9Q 2		BL5C 2	BL8C 2			
	BM9Q 1	BN2Q 1		BL8C 1	BM1C 1	MUOS06	+BK3S 2	BL7I 2
MUNB37	+BJ9N 1	BM4Y 1	MUTYPE2	BH6V 1	BK2N 1		BL7I 1	DJ9S 1
				BH6V 2	DI0D 2		DJ9S 2	DK2S 2
MUNB38A	+BKOE 2	BL1L 2		BJ1B 1	+BJ7F 1	MUOS06/	BG0X 2	BG3X 2
	BL1L 1	BL4L 1		+BJ7F 2	BK2N 2		BG3X 1	+BK2R 1
	BL4L 2	BL7L 2	MUOS01	BG0I 1	BG3I 1			
	BL7L 1	BM0L 1		BG3I 2	BM0H 2	MUOS07	BG0T 2	BG3T 2
	BM0L 2	BN3Q 2		+BK2V 2	BN3U 2		BG3T 1	+BK3R 1
MUNB38B	+BK0J 1	DI7D 1		+BK2V 1	DJ9L 1		+BK3R 2	BL7F 2
							BL7F 1	DKOM 1

CIRCUIT LIST

CIRCUIT NO.	FROM Z LOC.	TO Z LOC.	CIRCUIT NO.	FROM Z LOC.	TO Z LOC.	CIRCUIT NO.	FROM Z LOC.	TO Z LOC.
MUOS07	DKOM 2	DK3M 2		BI1C 1	BI4C 1			
MUOS08	BG1U 2	BG4U 2		BI4C 2	BI7C 2	MXDTU1/	+DE5S 0	+DE5S 0
	BG4U 1	+BK2T 1		BI7C 1	BJ3C 1		+DE5S 1	HJAE 1
	+BK2T 2	BL7C 2		BJ3C 2	+BJOF 2	MXDTU2/	+DE6S 0	+DE6S 0
	BL7C 1	DKOL 1		+BJOF 1	DI0F 1		+DE6S 1	HK1E 1
	DKOL 2	DK3L 2		DISH 2	DI0F 2	MXDTU3/	+DE6R 0	+DE6R 0
MUOS09	+BK5R 2	BL4H 2	MXCLK0/	DE5W 0	DE5W 0		+DE6R 1	HK8E 1
	+BK5R 1	DJ7J 1		DE5W 2	HI7I 2	MXFACE0/	+DE6E 0	+DE6E 0
MUOS10	+BK5U 2	BL4I 2	MXCLK1/	DE6V 0	DE6V 0		+DE6E 1	HI8C 1
	+BK5U 1	DJ7I 1		DE6V 2	HJ4I 2	MXFACE1/	+DE6D 0	+DE6D 0
MUOS11	+BK6R 2	BL4F 2	MXCLK2/	DE5Q 0	DE5Q 0		+DE6D 1	HJ5C 1
	+BK6R 1	DJ6L 1		DE5Q 2	HK1I 2	MXFACE2/	+DE5E 0	+DE5E 0
MUOS12	+BK6U 2	BL4C 2	MXCLK3/	DE5V 0	DE5V 0		+DE5E 1	HK2C 1
	+BK6U 1	DJ7H 1		DE5V 2	HK0I 2	MXFACE3/	+DE5B 0	+DE5B 0
MUOS13	+BK5H 2	BL1H 2	MXDRVE0/	+DE5J 0	+DE5J 0		+DE5B 1	HK9C 1
	+BK5H 1	DJ6P 1		+DE5J 1	HI0E 1	MXRDEN0/	+DE5I 0	+DE5I 0
MUOS14	+BK5J 2	BL1I 2	MXDRVE1/	+DE6F 0	+DE6F 0		+DE5I 1	HI5E 1
	+BK5J 1	DJ6N 1		+DE6F 1	HJ5E 1	MXRDEN1/	+DE5H 0	+DE5H 0
MUOS15	+BK5I 2	BL1F 2	MXDRVE2/	+DE6I 0	+DE6I 0		+DE5H 1	HJ2E 1
	+BK5I 1	DJ7Q 1		+DE6I 1	HK2E 1	MXRDEN2/	+DE6H 0	+DE6H 0
MUOS16	+BK6J 2	BL1C 2	MXDRVE3/	+DE5F 0	+DE5F 0		+DE6H 1	HJ9E 1
	+BK6J 1	DJ7M 1		+DE5F 1	HK9E 1	MXRDEN3/	+DE6G 0	+DE6G 0
MU3CLK1/	BH0C 2	BI1C 2	MXDIDO/	+DE6T 0	+DE6T 0		+DE6G 1	HK6E 1
				+DE6T 1	HI7E 1			

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CIRCUIT LIST			CIRCUIT LIST			CIRCUIT LIST		
CIRCUIT NO.	FROM LUC.	TO LUC.	CIRCUIT NO.	FROM LUC.	TO LUC.	CIRCUIT NO.	FROM LUC.	TO LUC.
MXSEEK0/	+DE6U 0 +DE6U 2	+DE6U 0 HI9C 2	MXTRK07/	+DE6Y 0 +DE6Y 1	+DE6Y 0 HI7C 1	MXTRK20/	+DE9C 0 +DE9C 1	+DE9C 0 HJ9A 1
MXSEEK1/	+DE5R 0 +DE5R 2	+DE5R 0 HJ6C 2	MXTRK08/	+DE5D 0 +DE5D 1	+DE5D 0 HI6I 1	MXTRK21/	+DE8E 0 +DE8E 1	+DE8E 0 HK0A 1
MXSEEK2/	+DE5U 0 +DE5U 2	+DE5U 0 HK3C 2	MXTRK10/	+DE8C 0 +DE8C 1	+DE8C 0 HJ2A 1	MXTRK22/	+DE9H 0 +DE9H 1	+DE9H 0 HK1A 1
MXSEEK3/	+DE6Q 0 +DE6Q 2	+DE6Q 0 HL0C 2	MXTRK11/	+DE9D 0 +DE9D 1	+DE9D 0 HJ3A 1	MXTRK23/	+DE9I 0 +DE9I 1	+DE9I 0 HK2A 1
MXTRK00/	+DE8D 0 +DE8D 1	+DE8D 0 HISA 1	MXTRK12/	+DE8H 0 +DE8H 1	+DE8H 0 HJ4A 1	MXTRK24/	+DE8U 0 +DE8U 1	+DE8U 0 HK3A 1
MXTRK01/	+DE9E 0 +DE9E 1	+DE9E 0 HI6A 1	MXTRK13/	+DE9F 0 +DE9F 1	+DE9F 0 HJ5A 1	MXTRK25/	+DE9S 0 +DE9S 1	+DE9S 0 HJ9C 1
MXTRK02/	+DE8I 0 +DE8I 1	+DE8I 0 HI7A 1	MXTRK14/	+DE8R 0 +DE8R 1	+DE8R 0 HJ6A 1	MXTRK26/	+DE8W 0 +DE8W 1	+DE8W 0 HK0C 1
MXTRK03/	+DE8J 0 +DE8J 1	+DE8J 0 HI8A 1	MXTRK15/	+DE8S 0 +DE8S 1	+DE8S 0 HJ2C 1	MXTRK27/	+DE9X 0 +DE9X 1	+DE9X 0 HK1C 1
MXTRK04/	+DE9U 0 +DE9U 1	+DE9U 0 HI9A 1	MXTRK16/	+DE9V 0 +DE9V 1	+DE9V 0 HJ3C 1	MXTRK28/	+DE6C 0 +DE6C 1	+DE6C 0 HK2I 1
MXTRK05/	+DE9T 0 +DE9T 1	+DE9T 0 HI5C 1	MXTRK17/	+DE8X 0 +DE8X 1	+DE8X 0 HJ4C 1	MXTRK30/	+DE9B 0 +DE9B 1	+DE9B 0 HK6A 1
MXTRK06/	+DE9Y 0 +DE9Y 1	+DE9Y 0 HI6C 1	MXTRK18/	+DE5C 0 +DE5C 1	+DE5C 0 HJ5I 1	MXTRK31/	+DE8B 0 +DE8B 1	+DE8B 0 HK7A 1

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CIRCUIT LIST

CIRCUIT NO.	FROM LOC.	TO LOC.	CIRCUIT NO.	FROM LOC.	TO LOC.	CIRCUIT NO.	FROM LOC.	TO LOC.
MXTRK32/	+DE9G 0	+DE9G 0	DG3L 2	+DG9X 2		+DC2R 2	HB8C 2	
	+DE9G 1	HK8A 1						
MXTRK33/	+DE8F 0	+DE8F 0	NB1-0	+UBOK 0	+UBOK 0	NEWSYNC3	+DC8R 0	+DC8R 0
	+DE8F 1	HK9A 1		+UBOK 2	HC5C 2		+DC8R 2	HB6H 2
MXTRK34/	+DE9Q 0	+DE9Q 0	NB1-1	+DA9Q 0	+DA9Q 0	NMN01	BJ1U 1	+FH2C 1
	+DE9Q 1	HLOA 1		+DA9Q 2	HC3H 2			
MXTRK35/	+DE9R 0	+DE9R 0	NB2-0	+DBOM 0	+DBOM 0	NMN02	BJ1L 2	+FH3B 2
	+DE9R 1	HK6C 1		+DBOM 2	HC6C 2	NMN03	BJ0J 1	+FH2B 1
MXTRK36/	+DE8V 0	+DE8V 0	NB2-1	+DA9R 0	+DA9R 0	NMN04	BJ0N 2	+FH2H 2
	+DE8V 1	HK7C 1		+DA9R 2	HC2H 2	NMN05	BJ1X 1	+FG9C 1
MXTRK37/	+DE9W 0	+DE9W 0	NB4-0	+DBOL 0	+DBOL 0	NMN06	BJ6H 2	+FH0B 2
	+DE9W 1	HK8C 1		+DBOL 2	HC2D 2	NMN07	BJ0Q 1	+FG9B 1
MXTRK38/	+DE6B 0	+DE6B 0	NB4-1	+DBOP 0	+DBOP 0	NMN08	BJ0X 2	+FG9H 2
	+DE6B 1	HK9I 1		+DBOP 2	HC6G 2	NMN09	BJ1W 1	+FH3F 1
MXWTEN0/	+DE5Y 0	+DE5Y 0	NB8-0	+DA9K 0	+DA9K 0	NMN10	BJ1Y 2	+FH2F 2
	+DE5Y 2	HI6E 2		+DA9K 2	HC3D 2	NMN11	BK3G 1	+FH3E 1
MXWTEN1/	+DE5X 0	+DE5X 0	NB8-1	+DBOR 0	+DBOR 0	NMN12	BK2C 2	+FH2G 2
	+DE5X 2	HJ3E 2		+DBOR 2	HC5G 2	NMN13	BK3F 1	+FH0F 1
MXWTEN2/	+DE6X 0	+DE6X 0	NEWSYNCO	+DA7R 0	+DA7R 0	NMN14	BK2D 2	+FG9F 2
	+DE6X 2	HK0E 2		+DA7R 2	HB1C 2			
MXWTEN3/	+DE6W 0	+DE6W 0	NEWSYNC1	+DB6R 0	+DB6R 0			
	+DE6W 2	HK7E 2		+DB6R 2	HA9H 2			
			NEWSYNC2	+DC2R 0	+DC2R 0			

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CIRCUIT LIST

CIRCUIT NO.	FROM LOC.	TO LOC.	CIRCUIT NO.	FROM LOC.	TO LOC.	CIRCUIT NO.	FROM LOC.	TO LOC.
NMN15	BK3D	+FH0E	NMN32	BJ4F	+FG9L	NMN48	BK5B	+FH0R
NMN16	BK2H	+FG9G	NMN33	BJ4G	+FH2M	NMN49	BJ4J	+FH2J
NMN17	BJ7Q	+FH3N	NMN34	BJ9F	+FH2N	NMN50	BJ3F	+FH2T
NMN18	BJ6W	+FH2I	NMN35	BJ9R	+FH2P	NMN51	D17F	+FH2U
NMN19	BJ7E	+FH2Q	NMN36	BJ9Q	+FH3K	NMN52	D17K	+FH3G
NMN20	BK0X	+FH2S	NMN37	BK0H	+FG9M	NMN53	D18H	+FG9J
NMN21	BK0W	+FH0N	NMN38	BJ9V	+FG9N	NMN54	D17L	+FG9T
NMN22	BJ6I	+FG9I	NMN39	BK6X	+FG9P	NMN55	BJ3J	+FG9U
NMN23	BJ6Q	+FG9Q	NMN40	BK6Y	+FH0K	NMN56	DJ4Y	+FH0G
NMN24	BJ7H	+FG9S	NMN41	BJ7T	+FH3J	NMPAK1	BH6U	+FH3S
NMN25	BJ9X	+FH3T	NMN42	BJ7U	+FH2R	NMPAK2	BH5C	+FH0S
NMN26	BK0F	+FH2K	NMN43	BJ6U	+FH3I	NPEDIS	BH5V	+DJ3T
NMN27	BJ9J	+FH3L	NMN44	BJ6V	+FH3R	NOGRP	D18J	+DJ1X
NMN28	BK0U	+FH2L	NMN45	BK6B	+FH0J		+DJ1X	DJ4U
NMN29	BK0T	+FH0T	NMN46	BK6C	+FG9R	N8/	BA9T	+BD6P
NMN30	BK0Q	+FG9K	NMN47	BK5C	+FH0I		+BD6P	BE0N
NMN31	BK0P	+FH0L				PAGE17	BD1P	+BD7M
						PARIN	BD0J	+BD4B

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CIRCUIT LIST

CIRCUIT NO.	FROM LOC.	TO LOC.	CIRCUIT NO.	FROM LOC.	TO LOC.	CIRCUIT NO.	FROM LOC.	TO LOC.
PAROUT/	+BUOP 2	BD3K 2	PRESB	BB0Q 2	BC1N 2	FD3U 2	FD6S 2	
PGCS01	+DK2R 1	FJ9E 1		BC1N 1	+BD7W 1	FD6S 1	FE5U 1	
	FJ9E 2	FK2E 2	PRESB/	+BC7S 1	BD6X 1	PSINST2	+BG1I 1	DE2U 1
PGCS02	+DK3P 1	FJ6E 1		BD6X 2	BD9Q 2	DD3S 2	DE2U 2	
	FJ3E 2	FJ6E 2	PRESBU	BB0T 1	+BU7R 1	DD3S 1	FC1U 1	
PGCS03	+DK3K 1	FJ0E 1	PSENAB3/	+BG10 1	BG3D 1	FA0S 2	FA9U 2	
	FI7E 2	FJ0E 2		BG3D 2	BG4C 2	FA9U 1	FB2S 1	
PGCS04	+DK2Q 1	FI4E 1	PSENST10/	+BG0K 1	DE2V 1	FB2S 2	FC1U 2	
	FI1E 2	FI4E 2		DD3N 2	DE2V 2	PSIRW/	+BE9F 2	+BG0R 2
PGCS17	+DK3T 1	FL7E 1	PSENST11/	+BG0J 2	FC1V 2	+BG0R 1	+BG3R 1	
	FL7E 2	FM0E 2		FB2N 1	FC1V 1	+BG3R 2	BH6G 2	
PGCS18	+DK2W 1	FL4E 1	PSENST12/	+BG1J 1	FA9V 1	BH6G 1	BJ0L 1	
	FL1E 2	FL4E 2		FA0N 2	FA9V 2	PSREAD1/	BA7T 1	BE0G 1
PGDSE/	BH5U 1	+DK2X 1	PSENST2/	+BG3K 2	FE5V 2	BE0G 2	+BG4W 2	
PGERS/	BH5S 2	+DK2T 2		FD6N 1	FE5V 1	PSREAD10/	+BG0W 1	DE3T 1
PGSPDER/	BH6N 1	+DK3H 1	PSENST3/	+BG3J 1	FD3V 1	DD3R 2	DE3T 2	
PG2MHZ/	D14V 1	+DK3G 1		FC4N 2	FD3V 2	PSREAD11/	+BG1V 2	FC2T 2
PND=0	DB0J 0	DB0J 0	PSENST4/	+BG4J 2	DH2R 2	FB2R 1	FC2T 1	
	DB0J 2	HC6A 2	PSINST1	BC2G 2	+BG4I 2	PSREAD12/	+BG0V 1	FB0T 1
PND=1	DA9N 0	DA9N 0		+BG4I 1	DH3U 1	FA0R 2	FB0T 2	
	DA9N 2	HC2J 2		DH3U 2	FE5U 2	PSREAD2/	+BG2W 2	FE6T 2
				FC4S 1	FD3U 1	FD6R 1	FE6T 1	

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CIRCUIT LIST

PSREAD4/	+BG3V 2	DH2U 2						+DA6C 1	+DB5C 1
			PWI-1	DB0B 0	DB0B 0			+DB5C 2	+DC1C 2
PSSRQ/	+BG1Q 2	+BG4Q 2		DB0B 2	HC9I 2			+DC1C 1	+DC7C 1
	+BG4Q 1	BJ1P 1							
			RASF	+BD6W 1	BD9H 1		RCV0/	DA3R 1	FH9E 1
PSURQ/	+BG0Q 1	+BG3Q 1							
	+BG3Q 2	BJ1N 2	RAWSNS	+DG4N 2	+DG7R 2		RCV1	BB0Y 2	+DA7E 2
								+DA7E 1	+DB6E 1
PSWRIT1/	BB0B 2	BC1L 2	RAWSNS/	DG1U 1	+DG4M 1			+DB6E 2	+DC2E 2
	BC1L 1	BD9E 1						+DC2E 1	+DC8E 1
	BD9E 2	+BG3U 2	RCDATA00	+DA3G 0	+DA3G 0		RCV1/	DB2R 1	FH9K 1
				+DA3G 2	HB1B 2				
PSWRIT10/	+BG1R 2	DE3X 2	RCDATA01	+DB2G 0	+DB2G 0		RCV2	BA9L 2	+DA6B 2
	DD3Y 1	DE3X 1		+DB2G 2	HAYI 2			+DA6B 1	+DB5B 1
			RCDATA02	+DB8G 0	+DB8G 0			+DB5B 2	+DC1B 2
PSWRIT11/	+BG0S 1	FC2X 1		+DB8G 2	HB8B 2			+DC1B 1	+DC7B 1
	FB2Y 2	FC2X 2	RCDATA03	+DC4G 0	+DC4G 0		RCV2/	DB8R 1	FH8Q 1
				+DC4G 2	HB9I 2				
PSWRIT12/	+BG1S 2	FBOX 2					RCV3	BA9U 2	+DA6D 2
	FA0Y 1	FBOX 1	RCVSB	+BD6C 2	DC5P 2			+DA6D 1	+DB5U 1
				DA4P 1	DB3P 1			+DB5U 2	+DC1D 2
PSWRIT2/	+BG4R 1	FE6X 1		DB3P 2	DB9P 2			+DC1D 1	+DC7D 1
	FD6Y 2	FE6X 2		DB9P 1	DC5P 1		RCV3/	DC4R 1	FH8X 1
			RCVST	+BA6D 1	DA3E 1		RCV4	BA9V 2	+DA6E 2
PSWRIT3/	+BG3S 2	FD4X 2		DA3E 2	DB2E 2			+DA6E 1	+DB5E 1
	FC4Y 1	FD4X 1		DB2E 1	DB6E 1			+DB5E 2	+DC1E 2
				DB8E 2	UC4E 2			+DC1E 1	+DC7E 1
PSWRIT4/	BG4S 2	BG6E 2					RCV5	BB0Y 1	+DA7C 1
	BG6E 1	DH2I 1							
	UG3V 2	DH2I 2							
PWI-0	DB0E 0	DB0E 0							
	DB0E 2	HC2B 2	RCV0	BA9S 2	+DA6C 2				
CIRCUIT NO.	FROM Z	TO Z	CIRCUIT NO.	FROM Z	TO Z	CIRCUIT NO.	FROM Z	TO Z	
	LUC.	LUC.		LUC.	LUC.		LUC.	LUC.	

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 CIRCUIT LIST SYSTEM NAME UNIT NAME UNIT NO. FILE CIRCUIT INDEX PG REV

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CIRCUIT LIST

CIRCUIT NO.	FROM LOC.	TO LOC.	CIRCUIT NO.	FROM LOC.	TO LOC.	CIRCUIT NO.	FROM LOC.	TO LOC.
RCV5	+DA7C 2	+DB6C 2		+DB9S 2	HB5A 2		BC7Y 2	BD7Y 2
	+DB6C 1	+DC2C 1					BD7Y 1	BE0J 1
	+DC2C 2	+DC8C 2	RDITD03	+DC5S 0	+DC5S 0			
				+DC5S 2	HB9J 2	RXDATA00	DA4G 0	DA4G 0
RCV6	BB0V 2	+DA7B 2					DA4G 2	HB2B 2
	+DA7B 1	+DB6B 1	RDREL	DG0F 1	+DG9R 1			
	+DB6B 2	+DC2B 2		+DG9R 2	DH2N 2	RXDATA01	DB3G 0	DB3G 0
	+DC2B 1	+DC6B 1					DB3G 2	HAB1 2
			RUN	DG6J 2	+DH3D 2			
RCV7	BA9V 1	+DA7D 1				RXDATA02	DB9G 0	DB9G 0
	+DA7D 2	+DB6D 2	RELARM	+FE9J 0	+FE9J 0		DB9G 2	HB9B 2
	+DB6D 1	+DC2D 1		+FE9J 2	HM3C 2			
	+DC2D 2	+DC8D 2	RESETB1	+BA7N 1	DA4U 1	RXDATA03	DC5G 0	DC5G 0
				DA4U 2	DB3U 2		DC5G 2	HB5I 2
RDAVW/	DG1H 2	+DG9P 2		DB3U 1	DB9U 1	SAUPL/	+DF4N 1	FE6K 1
				DB9U 2	DC5U 2			
RDEN/	DE6J 1	DG0W 1	RESETB3	+BA6P 2	DA4V 2	SAUPM/	+DF7N 1	FD7K 1
	DG0W 2	+DG3G 2		DA4V 1	DB3V 1			
	+DG3G 0	+DG3G 0		DB3V 2	DB9V 2	SCLR/	BG7C 2	DG6T 2
	+DG3G 1	HH8E 1		DB9V 1	DC5V 1		+DG0D 1	DH3E 1
							DG6T 1	UH6N 1
RGENF	DG1W 1	DG3Q 1	RQSTL1/	BG9J 1	DG4Y 1		DH3E 2	DH6N 2
	DG3Q 2	DG7Q 2				SEEK/		
			RQSTL2/	+BD9K 1	BH0N 1		DE5N 1	+DG9Y 1
RDG0	DG4V 2	+DG9Q 2					+DG9Y 0	+DG9Y 0
			RQSTL4/	BG9N 1	FD7R 1		+DG9Y 2	H12C 2
RDITD00	+DA4S 0	+DA4S 0				SELDATA/	BD3C 2	+BE3L 2
	+DA4S 2	HAB8A 2	RRFC1/	+DG0H 1	DH2J 1			
						SEND0/	+DA6K 1	FH8E 1
RDITD01	+DB3S 0	+DB3S 0	RUN	BB0H 2	+BC1P 2			
	+DB3S 2	HB2J 2		+BC1P 1	BC7Y 1	SEND1/	+DB5K 2	FH8N 2
RDITD02	+DB9S 0	+DB9S 0						

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CIRCUIT LIST

CIRCUIT NO.	FROM LOC.	TO LOC.	CIRCUIT NO.	FROM LOC.	TO LOC.	CIRCUIT NO.	FROM LOC.	TO LOC.
SEND2/	+DC1K 1	FH9T 1	SKCOMP/	+DF1X 0	+DF1X 0	SMADR04/	+BE0Y 2	+DF7T 2
SEND3/	+DC7K 2	FH9U 2		+DF1X 1	DG9F 1		+DF7T 1	+DH9E 1
SETASF/	+BU7D 1	BE2I 1	SLCLK/	+DF1X 2	H.UG 2		+DH9E 2	+DJ9W 2
SETDES	+BA7E 2	DA4D 2					+DJ9W 1	FK6T 1
	DA4D 1	DB3D 1	SLPE/	+DG6K 2	DH5D 2	SMADR05/	FK6T 2	FK9T 2
	DB3D 2	DB9D 2		+DG7F 1	DH6G 1		+BE0B 2	+DF7U 2
	DB9D 1	DC5D 1	SLTC		DG6P 2	+DH5E 2	+DF7U 1	+DH8D 1
SINH/	DG0N 1	+DG6S 1	SLTC/	DG1C 1	+DG6L 1	SMADR06/	+DH8D 2	+DK0Q 2
SINT1/	+BA7B 2	BG4K 2	SLTCC	DG0G 2	+DG0U 2		+DK0Q 1	FK5P 1
SINT10/	BG0L 2	DD4I 2	SMADR01/				+BD9D 2	+DF8J 2
	DD4I 1	DE3Y 1		+BE0H 2	+DF7G 2	SMADR07/	+DF8J 1	+DH8F 1
SINT11/	BG1P 1	FB3I 1		+DF7G 1	+DH7C 1		+DH8F 2	+DK0R 2
	FB3I 2	FC2Y 2		+DH9C 2	+DJ9H 2		+DK0R 1	FK8P 1
SINT12/	BG0P 2	FA1I 2	SMADR02/	+DJ9H 1	FK5W 1		+BD9C 2	+DF7K 2
	FA1I 1	FBOY 1		FK5Q 2	FK6S 2		+DF7K 1	+DH9D 1
SINT2/	BG3L 1	FD7I 1		+BE0X 2	+DF8Q 2	SMADR08/	+DH9D 2	+DJ9W 2
	FD7I 2	FE6Y 2		+DF8Q 1	+DH8E 1		+DJ9W 1	FK6P 1
SINT3/	BG4P 2	FC5I 2	SMADR03/	+DH8E 2	+DK0H 2		+BE0C 2	+DF7D 2
	FC5I 1	FD4Y 1		+DK0H 1	FK6S 1		+DF7D 1	+DH8C 1
SINT4/	BG3P 1	+DH0H 1		FK6S 2	FK9S 2	SMADR09/	+DH8C 2	+DK0V 2
SI00UT	+BU4G 1	BE3S 1		+BD9X 2	+DF0X 2		+DK0V 1	FK6N 1
				+DF8X 1	+DH9B 1			
				+DH9B 2	+DK0P 2			
				+DK0P 1	FK5I 1	SMADR10/	+BE2V 2	+DF5W 2
				FK5T 2	FK6T 2		+DF5W 1	+DH9Y 1

CIRCUIT NO.	FROM Z LUC.	TO Z LUC.	CIRCUIT NO.	FROM Z LUC.	TO Z LUC.	CIRCUIT NO.	FROM Z LUC.	TO Z LUC.
SMADR10/	+DH9Y 2	+DJ7D 2	SMADR10/	+DH9Y 2	+DJ7D 2	SMADR10/	+DH9Y 2	+DJ7D 2
	+DJ7D 1	FK5N 1		+DJ7D 1	FK5N 1		+DJ7D 1	FK5N 1
SMADR11/	+BE3Y 2	+DF5X 2	SMADR11/	+BE3Y 2	+DF5X 2	SMADR11/	+BE3Y 2	+DF5X 2
	+DF5X 1	+DH9X 1		+DF5X 1	+DH9X 1		+DF5X 1	+DH9X 1
	+DH9X 2	+DJ7E 2		+DH9X 2	+DJ7E 2		+DH9X 2	+DJ7E 2
	+DJ7E 1	FK6I 1		+DJ7E 1	FK6I 1		+DJ7E 1	FK6I 1
SMADR12/	+BE3X 2	+DF4T 2	SMADR12/	+BE3X 2	+DF4T 2	SMADR12/	+BE3X 2	+DF4T 2
	+DF4T 1	+DH9V 1		+DF4T 1	+DH9V 1		+DF4T 1	+DH9V 1
	+DH9V 2	+DJ6E 2		+DH9V 2	+DJ6E 2		+DH9V 2	+DJ6E 2
	+DJ6E 1	FK9P 1		+DJ6E 1	FK9P 1		+DJ6E 1	FK9P 1
SMADR13/	+BE2E 2	+DF4U 2	SMADR13/	+BE2E 2	+DF4U 2	SMADR13/	+BE2E 2	+DF4U 2
	+DF4U 1	+DH8Y 1		+DF4U 1	+DH8Y 1		+DF4U 1	+DH8Y 1
	+DH8Y 2	+DJ7U 2		+DH8Y 2	+DJ7U 2		+DH8Y 2	+DJ7U 2
	+DJ7U 1	FK9N 1		+DJ7U 1	FK9N 1		+DJ7U 1	FK9N 1
SMADR14/	+BE2D 2	+DF5J 2	SMADR14/	+BE2D 2	+DF5J 2	SMADR14/	+BE2D 2	+DF5J 2
	+DF5J 1	+DH8V 1		+DF5J 1	+DH8V 1		+DF5J 1	+DH8V 1
	+DH8V 2	+DJ6V 2		+DH8V 2	+DJ6V 2		+DH8V 2	+DJ6V 2
	+DJ6V 1	FK8L 1		+DJ6V 1	FK8L 1		+DJ6V 1	FK8L 1
SMADR15/	+BE3E 2	+DF4K 2	SMADR15/	+BE3E 2	+DF4K 2	SMADR15/	+BE3E 2	+DF4K 2
	+DF4K 1	+DH8X 1		+DF4K 1	+DH8X 1		+DF4K 1	+DH8X 1
	+DH8X 2	+DJ6U 2		+DH8X 2	+DJ6U 2		+DH8X 2	+DJ6U 2
	+DJ6U 1	FK8N 1		+DJ6U 1	FK8N 1		+DJ6U 1	FK8N 1
SMADR16/	+BE3D 2	+DF4D 2	SMADR16/	+BE3D 2	+DF4D 2	SMADR16/	+BE3D 2	+DF4D 2
	+DF4D 1	+DH8W 1		+DF4D 1	+DH8W 1		+DF4D 1	+DH8W 1
	+DH8W 2	+DJ7T 2		+DH8W 2	+DJ7T 2		+DH8W 2	+DJ7T 2
	+DJ7T 1	FK9I 1		+DJ7T 1	FK9I 1		+DJ7T 1	FK9I 1

CIRCUIT NO.	FROM Z LUC.	TO Z LUC.	CIRCUIT NO.	FROM Z LUC.	TO Z LUC.	CIRCUIT NO.	FROM Z LUC.	TO Z LUC.
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CIRCUIT LIST	SYSTEM NAME	UNIT NAME	UNIT NO.	FILE	CIRCUIT INDEX	PG REV		

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CIRCUIT NO.	FROM LUC.	TO LUC.	CIRCUIT NO.	FROM LUC.	TO LUC.	CIRCUIT NO.	FROM LUC.	TO LUC.
SMNGP2	+DJ1U 2	FH2D 2	SPMIN4	BDOF 1	+BD3I 1	DG7M 2	+DH5U 2	
	FG9D 1	FH2D 1						
SMNGP3	+DJ0W 1	FH3C 1	SPMIN5	BDOG 2	+BD3J 2	STACA	BE8W 2	BE9W 2
	FH0C 2	FH3C 2						
SMN56	+BE9T 2	+DJ4X 2	SPMIN6	BDOH 1	+BD4L 1	STEN/	BG6D 2	+DH3W 2
							DG4L 2	DG6V 2
SMPCHK1	DJ1H 1	DJ7G 1	SPMIN7	BDOI 2	+BD3L 2		DG4L 1	DG9G 1
							DG6V 1	+DH3W 1
SMPCHK2	+DJ4H 2	DJ7Y 2	SPMLD/	+BD7U 1	BE2T 1	STINI	BA7U 2	+BD6H 2
SMPERR	BH6I 1	DJ6D 1	SPMOUT0/	+BDOR 2	BD3S 2	STLG1	+BH0I 1	DG1E 1
							DG1E 2	DG4B 2
SMPERR/	D17W 1	DJ7N 1	SPMOUT1/	+BDOS 1	BD4S 1		DG4B 1	DH9F 1
SMPGEN1	+DJ0P 1	DJ0W 1	SPMOUT2/	+BDOT 2	BD4R 2	STLG2	BE0I 1	+BH0H 1
SMPGEN2	+DJ3P 2	DJ7V 2	SPMOUT3/	+BD0U 1	BD3R 1	STLG4	+BG9B 1	DF8L 1
							DF5L 2	DF8L 2
SNS/	DG4P 1	+DH0P 1	SPMOUT4/	+BD0V 2	BD4W 2		DF5L 1	FD6T 1
	DG7E 2	+DH0P 2						
SPMERRF/	BA6C 2	+BD3D 2	SPMOUT5/	+BD0W 1	BD3W 1	STLRDW	DG6F 1	+DH2P 1
SPMIN0	BU1B 1	+BD4C 1	SPMOUT6/	+BD0X 2	BD4N 2	STROBE	BH5H 2	+FE9M 2
SPMIN1	BU0C 2	+BD3E 2	SPMOUT7/	+BD1Y 1	BD3P 1	STSTEAL/	+BG9K 1	DI8B 1
							DI8B 2	DJ9M 2
SPMIN2	BU0D 1	+BD4E 1	SRCLK/	+DH2L 2	DH0J 2		DJ6M 1	DJ9M 1
SPMIN3	BU0E 2	+BD3F 2	SRLD/	+DG1R 1	DG4X 1	SYCLKPB	DI5V 0	DI5V 0
							DI5V 2	HA4B 2
			SRPE/	DG3W 2	DH3M 2	SYCLRPB/	DI5W 0	DI5W 0
			SR01	DG1S 1	DG7M 1			

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CIRCUIT LIST

CIRCUIT NO.	FROM LUC.	TO LUC.	CIRCUIT NO.	FROM LUC.	TO LUC.	CIRCUIT NO.	FROM LUC.	TO LUC.
SYCLRPB/	D15W 2	HA4C 2	TRACK07/	DE8P 2	+DH6D 2		+DA4B 1	+DB3B 1
TC1	+BC7D 1	BD6N 1		+DH6D 0	+DH6D 0		+DB3B 2	+DB9B 2
				+DH6D 1	HIUC 1		+DB9B 1	+DC5B 1
TC2	+BC8B 2	BD6Q 2	TRACK08/	DE6K 2	+DH5U 2	UAST3/	BA9M 1	+DA3W 1
TRACK00/	DE9K 2	+DH5B 2		+DH5U 0	+DH5U 0		+DA3W 2	+DB2W 2
	+DH5B 0	+DH5B 0		+DH5U 1	HI11 1		+DB2W 1	+DB8W 1
	+DH5B 1	HH8A 1	TTRAK	FE8B 0	FE8B 0		+DB8W 2	+DC4W 2
TRACK01/	DE8K 2	+DH5H 2		FE8B 2	HMJB 2	UAST4/	BA9C 2	+DA4W 2
	+DH5H 0	+DH5H 0	UAN=0				+DA4W 1	+DB3W 1
	+DH5H 1	HH9A 1		BA3U 2	DA4Q 2		+DB3W 2	+DB9W 2
TRACK02/	DE9J 2	+DH6B 2		DA4Q 1	DB0W 1		+DB9W 1	+DC5W 1
	+DH6B 0	+DH6B 0	UAN=1			UAST5/	BA9E 1	+DA4X 1
	+DH6B 1	HI0A 1		BA4T 1	DA9T 1		+DA4X 2	+DB3X 2
TRACK03/	DE9L 2	+DH5C 2		DA9T 2	DB3Q 2		+DB3X 1	+DB9X 1
	+DH5C 0	+DH5C 0	UAN=2				+DB9X 2	+DC5X 2
	+DH5C 1	HI1A 1		BA4S 2	DB9Q 2	UAST6/	BA9G 2	+DA3X 2
TRACK04/	DE8N 2	+DH6F 2					+DA3X 1	+DB2X 1
	+DH6F 0	+DH6F 0	UAST0/	BA9D 2	+DA4Y 2		+DB2X 2	+DB8X 2
	+DH6F 1	HI2A 1		+DA4Y 1	+DB3Y 1	UNIT1	+DB8X 1	+DC4X 1
TRACK05/	DE9P 2	+DH6C 2		+DB3Y 2	+DB9Y 2		DE5L 1	DE8L 1
	+DH6C 0	+DH6C 0	UAST1/	+DB9Y 1	+DC5Y 1		DE8L 2	DF2I 2
	+DH6C 1	HH8C 1					DF2I 1	+DG3H 1
TRACK06/	DE8Q 2	+DH5F 2		BB0L 1	+DA3C 1	UNIT2	DE6N 2	DE9N 2
	+DH5F 0	+DH5F 0		+DA3C 2	+DB2C 2		DE9N 1	DF1I 1
	+DH5F 1	HH9C 1		+DB2C 1	+DB8C 1		DF1I 2	+DG3E 2
			UAST2/	+DB8C 2	+DC4C 2	WI/	+DF2B 0	+DF2B 0

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CIRCUIT LIST

CIRCUIT NO.	FROM Z LUC.	TO Z LUC.	CIRCUIT NO.	FROM Z LUC.	TO Z LUC.	CIRCUIT NO.	FROM Z LUC.	TO Z LUC.
WI/	+DF2B 2	DG9W 2	XO/	DG3P 1	+DH2X 1	OR13	DG4F 2	DG7W 2
	+DF2B 1	HI2E 1					DG4F 1	+DH6K 1
WINDOW/	DF5R 2	DF8R 2	XORT	DG4D 2	+DC7H 2	OR14	DH0J 1	+DH6L 1
	DF5R 1	FD7P 1						
WTEN	BB2L 1	BB5L 1	OU	DG4J 1	DH3F 1	OR15	DG9T 2	+DH6M 2
	BB5L 2	BB8L 2	OR-0	+DA4K 0	+DA4K 0	OR16	DG9J 1	+DH5N 1
	BB0L 1	+BC1S 1		+DA4K 2	HB2E 2		DH3S 2	+DH5N 2
WTEN/	BG6W 2	DE5P 2	OR-1	+DB3K 0	+DB3K 0	OUTO/	+DG4K 2	DG9I 2
	DE5P 1	+DG0U 1		+DB3K 2	HA0F 2			
	+DG0U 0	+DG0U 0	OR-2	+DB9K 0	+DB9K 0	OVMEML	DJ7C 1	DK0K 1
	+DG0U 2	HH9E 2		+DB9K 2	HB9E 2	OX0F	BB0S 2	+BD6U 2
WTENF	DG0V 2	+DG9S 2	OR-3	+DC5K 0	+DC5K 0	OX2F	+BD7V 1	BE2G 1
	DG6N 1	+DG9S 1		+DC5K 2	HB5F 2			
WTINH/	+BG6J 2	DG1X 2	ORCLK/	+DH2F 2	DH0P 2	1TRAK	FE8U 0	FE8D 0
							FE8U 2	HM0A 2
WTRSNS	+DG0C 1	DH3N 1	ORPE	+DH3G 1	DH5U 1	100	BA4C 1	+BA7C 1
WTSB/	BD0N 2	+BD7S 2	OR09	DG7V 2	+DH5S 2	110	BA4D 1	+BA6S 1
XMITSB	+BD7C 1	DC8G 1	OR10	DG6W 1	+DH5I 1	116-0	+DA7M 0	+DA7M 0
	DA7G 2	DB6G 2					+DA7M 1	HB1E 1
	DB6G 1	DC2G 1	OR11	DG4G 2	DG7U 2	116-1	+DB6M 0	+DB6M 0
	DC2G 2	DC8G 2		DG7U 1	+DH5R 1		+DB6M 1	HA9F 1
XMITST	+BA7D 2	DA3B 2	OR12	DG3F 1	DH0S 1	116-2	+DC2M 0	+DC2M 0
	DA3B 1	DB2B 1		DH0S 2	+DH5P 2		+DC2M 1	HB8E 1
	DB2B 2	DB8B 2						
	DB8B 1	DC4B 1						

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CIRCUIT LIST
12V+BUS2

CIRCUIT NO.	FROM LOC.	TO LOC.	CIRCUIT NO.	FROM LOC.	TO LOC.	CIRCUIT NO.	FROM LOC.	TO LOC.
116-3	+DC8M 0	+DC8M 0	BG6F 2	DC7P 2		FE8E 2	HM1A 2	
	+DC8M 1	HB6F 1	BG6F 1	DD3P 1		BA4X 1	+BA6N 1	
12V-BUS1	BA3H 1	BA4H 1	DA1Y 0	DA1Y 0	200			
	BA3H 2	DA1B 2	DA1Y 1	DA3P 1				
	BA4H 2	BG6U 2	DA1Y 2	HA1C 2	24V+BUS	DA1C 1	DA1X 1	
	BG6U 1	DD4H 1	DA3P 2	DA0P 2		DA1C 2	DD4J 2	
	DA1B 1	FA1H 1	DA6P 1	DA9P 1		DA1X 2	HA3A 2	
	DA7H 0	DA7H 0	DA9P 2	DB2P 2		DD4J 1	FE8L 1	
	DA7H 1	DB0H 1	DB2P 1	DB5P 1		FA1J 0	FA1J 0	
	DA7H 2	HA3C 2	DB5P 2	DB0P 2		FA1J 1	FB3J 1	
	DB0H 2	DB3H 2	DB0P 1	DC1P 1		FA1J 2	HA2A 2	
	DB3H 1	DB6H 1	DC1P 2	DC4P 2		FB3J 2	FC5J 2	
	DB6H 2	DB9H 2	DC4P 1	DC7P 1		FC5J 1	FD7J 1	
	DB9H 1	DC2H 1				FD7J 2	FE8L 2	
	DC2H 2	DC5H 2	12V+BUS3	DD3P 2		HA2A 1	HA3A 1	
	DC5H 1	DC8H 1		FD6P 2				
	DC8H 2	DD4H 2		HA3B 1	HA4F 1	2400	BA3G 1	+BA7Q 1
	FA1H 2	FB3H 2	12V+ML	HA1B 1	HA1I 1			
	FB3H 1	FC5H 1		HA1B 2	HC4B 2	3TRAK	FE8F 0	FE8F 0
	FC5H 2	FD7H 2		HA1I 2	HC4I 2		FE8F 2	HM2A 2
	FD7H 1	FE8S 1		HC4B 1	HM4B 1	300	BA3C 1	+BA7R 1
				HC4I 1	HM4C 1			
12V-BUS2	DA4H 2	HA2C 2				38.4K	BA3W 1	+BA6L 1
	FE8S 2	HA4I 2	1200	BA4I 1	+BA0R 1			
	HA2C 1	HA4I 1				4TRAK	FE8C 0	FE8C 0
12V+BUS1	FA0P 0	FA0P 0	150	BA4B 1	+BA7S 1		FE8C 2	HM3A 2
	FA0P 1	FB2P 1	1800					
	FA0P 2	HA2B 2		BA4J 1	+BA7K 1	4800	BA3J 1	+BA7M 1
	FB2P 2	FC4P 2	19.2K					
	FC4P 1	FD6P 1		BA4G 1	+BA7L 1	5TRAK	FE8W 0	FE8W 0
			2TRAK				FE8W 2	HM4A 2
				FE8E 0	FE8E 0			

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CIRCUIT LIST

6TRAK	FE8V 0	FE8V 0
	FE8V 2	HMOB 2
600	BA4P 1	+BA6W 1
7TRAK	FE8X 0	FE8X 0
	FE8X 2	HM1B 2
75	BA3D 1	+BA6T 1
8TRAK	FE8Y 0	FE8Y 0
	FE8Y 2	HM2B 2
9600	BA3L 1	+BA6M 1

CIRCUIT NO.	FROM Z LOC.	TO Z LOC.	CIRCUIT NO.	FROM Z LOC.	TO Z LOC.	CIRCUIT NO.	FROM Z LOC.	TO Z LOC.
T 2608 3808	B800		B800 1	2608 3758	493	6TRAK	59	AG
CIRCUIT LIST	SYSTEM NAME		UNIT NAME	UNIT NO.	FILE	CIRCUIT INDEX	PG	REV