

45814

**TD700 - DL2
thru DL4
INPUT AND
DISPLAY SYSTEM**

**LOGIC AND POWER SUPPLY ASSEMBLY
(ELECTRONICS UNIT) A3**

Burroughs

**FIELD TEST
AND
REFERENCE DOCUMENT**



PROPERTY OF AND TO BE RETURNED TO

Burroughs

PRINTED JULY 1974

2552 8563

TD 700 Field Test and Reference Document Index

Logic and Power Supply Assembly (Electronics Unit) A3

Subassembly designation list

Card Locator Chart 2551 2781 (B) 5 Sheets

Flow Chart, Multipoint Communications Procedure TD 700-DL2 2551 4944 (B,B)
2 Sheets

Flow Chart, Point-to-Point Communications Procedure TD 700-DL2 2551 6816 (A,A)
2 Sheets

Flow Chart, 2260 Communications Procedure TD 700/TD 800 2552 3333 (A,A)
2 Sheets

Printed-Circuit Board Schematics and Layout

Card Location

Title

A3A2A2A Expanded Memory Schematic (E Board) 1699 8593 (C,B) 2 Sheets

Expanded Memory Board Assembly 1699 8619 (C)

A3A2A2B Control and Memory Schematic (M Board) 1696 9263 (F,E)
2 Sheets

Control and Memory Board Assembly 1696 9511 (N)

A3A2A2C Character Generator and Buffer Load Control Schematic
(G3 Board) 1699 7959 (C,C) 2 Sheets

Character Generator and Buffer Load Control Board Assembly
(G3) 2551 3391 (B)

Character Generator and Buffer Load Control Board Assembly
(G3) 2551 3243 (B)

A3A2A2C Character Generator and Buffer Load Control Schematic
(G4 Board) 1699 9450 (C,C) 2 Sheets

Character Generator and Buffer Load Control Board Assembly
(G4) 2551 0447 (G) (International)

Character Generator and Buffer Load Control Board Assembly
(G4) 2551 3219 (D) (Domestic)

A3A2A2D Timing Schematic (T Board) 1696 8976 (D,D) 2 Sheets

Timing Board Assembly 1696 9636 (C)

<u>Card Location</u>	<u>Title</u>
A3A2A2E	Central Control Schematic (C3 Board) 2552 1022 (A,A) 2 Sheets Central Control Board Assembly 2551 3375 (B)
A3A2A2F	Keyboard Interface Schematic (K4 Board) 2552 4620 (A,A) 2 Sheets Keyboard Interface Board Assembly 2552 4646 (A)
A3A2A2F	Keyboard Interface Schematic (K3 Board) 2552 1691 (A,A) 2 Sheets Keyboard Interface Board Assembly 2551 3383 (B)
A3A2A2G	Multipoint Sequence Schematic (Q Board) 1699 7926 (D,D) 2 Sheets Multipoint Sequence Board Assembly 1699 7934 (F)
A3A2A2G	Multipoint Sequence Schematic (Q3 Board) 2552 1451 (A,A) 2 Sheets Multipoint Sequence Board Assembly 2552 1436 (A)
A3A2A2G	Multipoint Sequence Board Assembly (Interim Q4) 2553 0536 (A) 4 Sheets
A3A2A2G	Point-to-Point Sequence Schematic (P Board) 1699 8759 (C,B) 2 Sheets Point-to-Point Sequence Board Assembly 1699 8775 (E)
A3A2A2H	Communication Control Schematic (V Board) 1699 8676 (E,E) 2 Sheets Communication Control Board Assembly 1699 8692 (H)
A3A2A2J	Communication Interface Schematic (H3 Board) 2552 1519 (B,B) 2 Sheets Communications Interface Board Assembly 2552 1493 (A)
A3A2A2K	Asynchronous Interface Schematic (A Board) 1699 8718 (E,E) 2 Sheets Asynchronous Interface Board Assembly 1699 8734 (G)

Card Location

Title

A3A2A2K	Asynchronous Interface Schematic (A3 Board) 2552 1576 (B,B) 3 Sheets
	Asynchronous Interface Board Assembly 2552 1550 (B)
A3A2A2K	Synchronous Interface Schematic (S Board) 2551 1726 (E,E) 2 Sheets
	Synchronous Interface Board Assembly 2551 2476 (E)
A3A2A2L	Printer Option Schematic (L Board) 2551 4407 (C,C) 2 Sheets
	Printer Option Board Assembly 2551 3318 (E)
A3A2A2L	Printer Option Schematic (L2 Board) 2552 7433 (A) 2 Sheets
	Printer Option Board Assembly 2552 7409 (A)

Diagrams and Wire List

DC-Power Harness (A3W3) 2551 6261 (A)
AC-Power Harness (A3W2) 2551 6253 (B)
AC/DC Wiring Diagram 2551 6279 (B)
Power Supply Wiring Diagram 1432 1285 (B)
50/60 HZ Power Supply Schematic 1431 7515 (C,C) 2 Sheets
Power Supply P-C Board Component Layout 1431 9990 (C)
Backplane Wire List 2551 0645 (F) 30 Sheets
Backplane to J Connectors 2551 0637 (C) 10 Sheets
Cable - Speed Dial 1696 2896 (B)
Switch - Speed Dial 1696 2730 (C)
Connector Assembly 1696 9693 (A)
Printer Interface Option TD 700 Retrofit Kit 2552 3309 (B)
Cable Assembly (internal) Printer Option 2552 3317 (A)
Cable W1, Power (US) 1699 3537 (F)
Cable W1, Power (INT) 1699 3552 (E)
Cable W4 Modem (US) 1696 4967 (B)
Cable W4, Modem (INT - GPO only) 1696 8828 (B)
Cable W4, Modem (INT - SEL only) 1696 8901 (C)
Cable W4, Data Set Adaptor (New Sync) 2552 9421 (B)
Cable W5 Concatenation 1696 3068 (D,B) 2 Sheets

Installation Procedures

LOGIC AND POWER SUPPLY ASSEMBLY (ELECTRONICS UNIT) A3

SUBASSEMBLY DESIGNATION LIST

A3A1 Housing Assembly (Chassis and Cover)
A3A2 Card Cage Assembly
A3A2A1 Chassis and Card Guides
A3A2A2 Backplane Assembly
A3A2P1 Speed Dial Connector
A3A2S1 Panel Test Switch
A3A2S2 Compare Test Switch
A3A2S3 Parity Test Switch
A3A3 Speed Dial Assembly
A3E1 AC Safety Ground (screw of A3P1)
A3J1 Panel Display Connector
A3J2 Keyboard Connector
A3P1 AC Input Connector
A3P2 Modem Connector
A3PS1 Power Supply Assembly
A3S1 AC Switch and Indicator
A3W1 Speed Dial Cable
A3W2 AC Wiring Harness
A3W3 DC Wiring Harness
A3W4 Panel Display Wiring Harness (from A3A2A2 to A3J1)
A3W5 Keyboard Wiring Harness (from A3A2A2 to A3J2)
A3W6 Modem Wiring Harness (from A3A2A2 to A3P2)
W1 AC Power Cable Assembly (external)
W4 Modem Cable Assembly (external)
W5 Concatenation Cable Assembly (external)

35 MM

Burroughs Corporation
ELECTRONIC COMPONENTS DIVISION
PLAINFIELD, NEW JERSEY 07061 U. S. AMERICA



DWG. NO. **2551 2781**

DATE **3/5/73**

TITLE **CARD LOCATOR, TD700, DL2 + D/L 3**

SHEET **1** OF **5**

35 MM

REVISION		STATUS OF SHEETS																DESCRIPTION	DRAFTSMAN	CHECKER
LTR	NUMBER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16			
A		AA																RELEASED MAR 12 1973		
B	ECN 4324	B	B	B	B	B												(1) SH 2 - DELETED P W B D P T NOS. ; RENUMBERED SHS. ; ADDED SHEETS 3,4,5	GM 9-19 73	RFN 9-19 73

CLASS CODE
4-0207

35 MM

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PLAINFIELD, NEW JERSEY 07061 U. S. AMERICA



SHEET 2
OF 5

DWG NO. 25512781

REV B

CLASS CODE
4-0207

TITLE
CARD LOCATOR, TD700 DL2 + D/L-3

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

DRAWN BY
AV
DATE 3-5-73

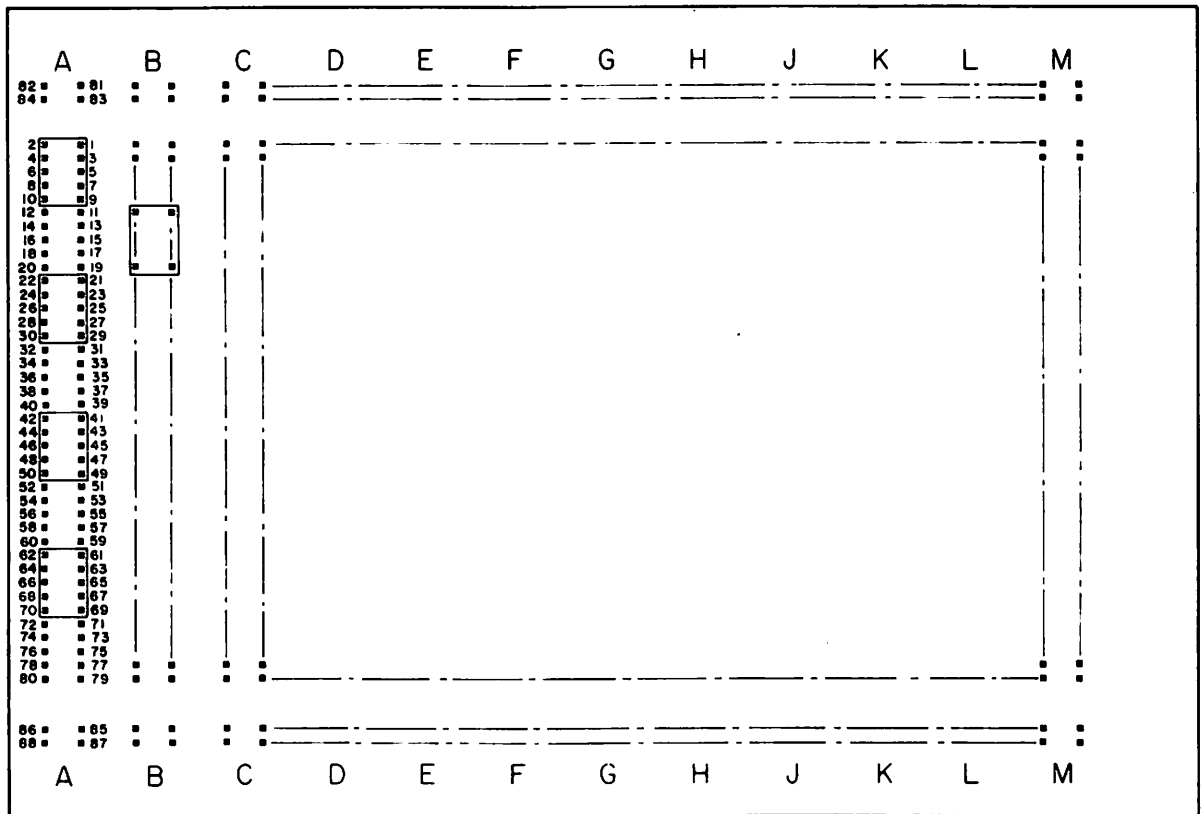
CNK STD & REC
RFN
DATE 3-5-73

CHECK FF & F
RFN
DATE 3-5-73

DESIGN
M
DATE 3-6-73

APPROVED
M
DATE 3-6-73

(B1)



BACK PLANE (WIRING SIDE)

Burroughs Corporation
 ELECTRONIC COMPONENTS DIVISION
 PLAINFIELD, NEW JERSEY 07061 U. S. AMERICA



SHEET 3 of 5	DWG NO. 2551 2781	REV B
CLASS CODE	TITLE CARD LOCATOR, TD700 D/L2 & D/L3	
DRAWN BY	CHK STD & REC	CHECK FF & P
DATE	DATE	DATE
DSGN		APPROVED
DATE	DATE	DATE

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

LTR	REVISION
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CARD SLOT	BOARD LTR.	PW BOARD ASSEMBLY NUMBER	DESCRIPTION
A	E	1699 8619	Extended Memory 6 x 256 x 3 pages
B	M	1696 9511	Memory and Control 6 x 256 x 1 page
C	G2	2551 3706	Character Generator - US Standard 64 Symbol Modified ASCII
C	G3	2551 3391	Character Generator - Katakana 96 Symbol with 1 page of Memory
C	G3	2551 3243	Character Generator - Katakana 96 Symbol with 4 pages of Memory
C	G4	2551 3219	Character Generator - US Standard 64 Symbol Modified ASCII
C	G4	2551 0447	Character Generator - International (Universal) 64 Symbol Modified ASCII
D	T	1696 9636	Timing of Display Subsystem
E	C2	1699 7892	Central Control
E	C3	2551 3375	Central Control with Added Forms Delimiters

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SHEET 4 of 5	DWG NO. 2551 2781	REV B
CLASS CODE	TITLE CARD LOCATOR, TD700 D/L2 & D/L3	
DRAWN BY	CHK BYD & REC	CHECK P P & P
DATE	DATE	DATE
DESIGN		APPROVED
DATE	DATE	DATE

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

LTR	REVISION
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CARD SLOT	BOARD LTR.	PW BOARD ASSEMBLY NUMBER	DESCRIPTION
F	K	1694 8309	Keyboard Interface, 64 Character
F	K2	2551 2609	Keyobard Interface, 96 Character
F	K3	2551 3383	Keyboard Interface, 128 Character
G	P2	1699 8775	Point to Point Sequence
G	Q2	1699 7934	Multipoint Sequence
G	Q3	2552 1436	IBM 2260 Sequence
H	V2	1699 8692	Communcation Control
J	H2	1699 8650	Communication Interface
J	H3	2552 1493	Communication Interface with IBM 2260 Capability
K	A2	1699 8734	Asynchronous Interface, RS232 and TD1
K	A3	2552 1550	Asynchronous Interface, IBM 2260 RS232

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 ELECTRONIC COMPONENTS DIVISION
 PLAINFIELD, NEW JERSEY 07061 U. S. AMERICA



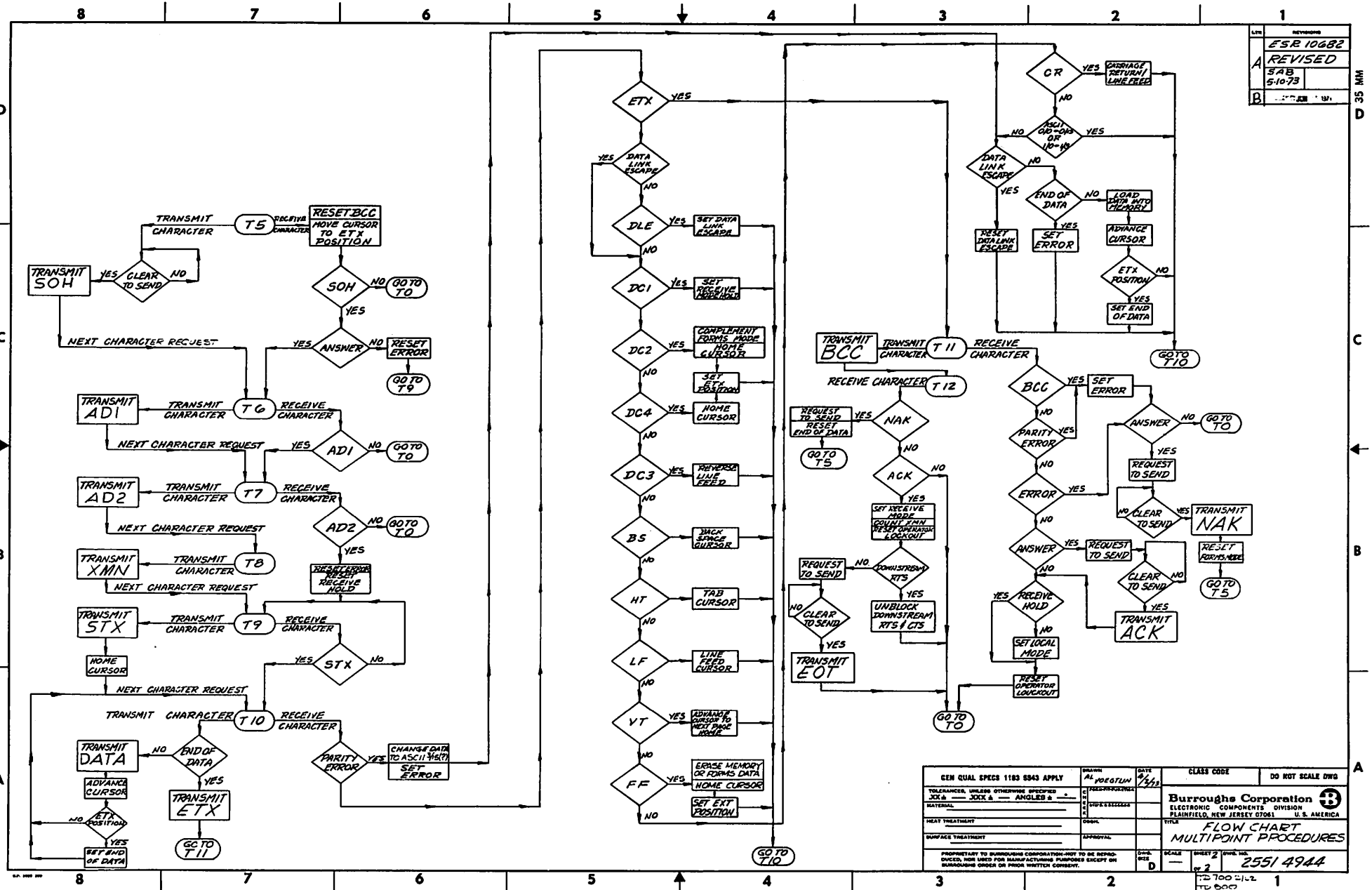
SHEET 5 of 5	DWG NO. 2551 2781	REV B
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DRAWN BY	CHK STD & REC	CHECK PP & P
DATE	DATE	DATE
	DSEN	APPROVED
	DATE	DATE

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

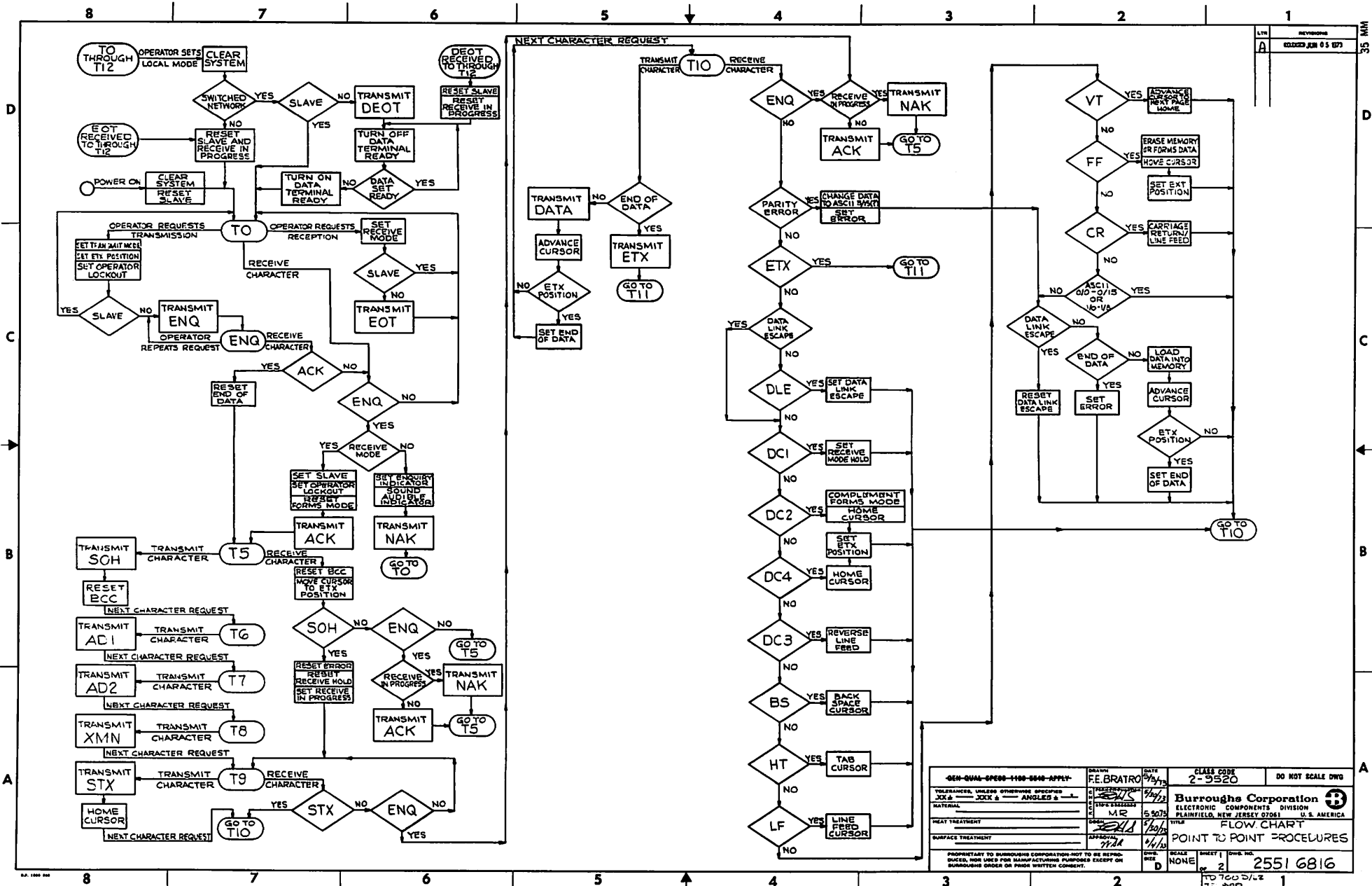
LTR	REVISION
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CARD SLOT	BOARD LTR.	PW BOARD ASSEMBLY NUMBER	DESCRIPTION
K	A4	2552 3952	Asynchronous Interface BDDI and RS232
K	S2	2551 2476	Synchronous Interface, RS232
L	L	2551 3318	Printer Interface, B9354-6

REVISED
3 AB
5-10-73



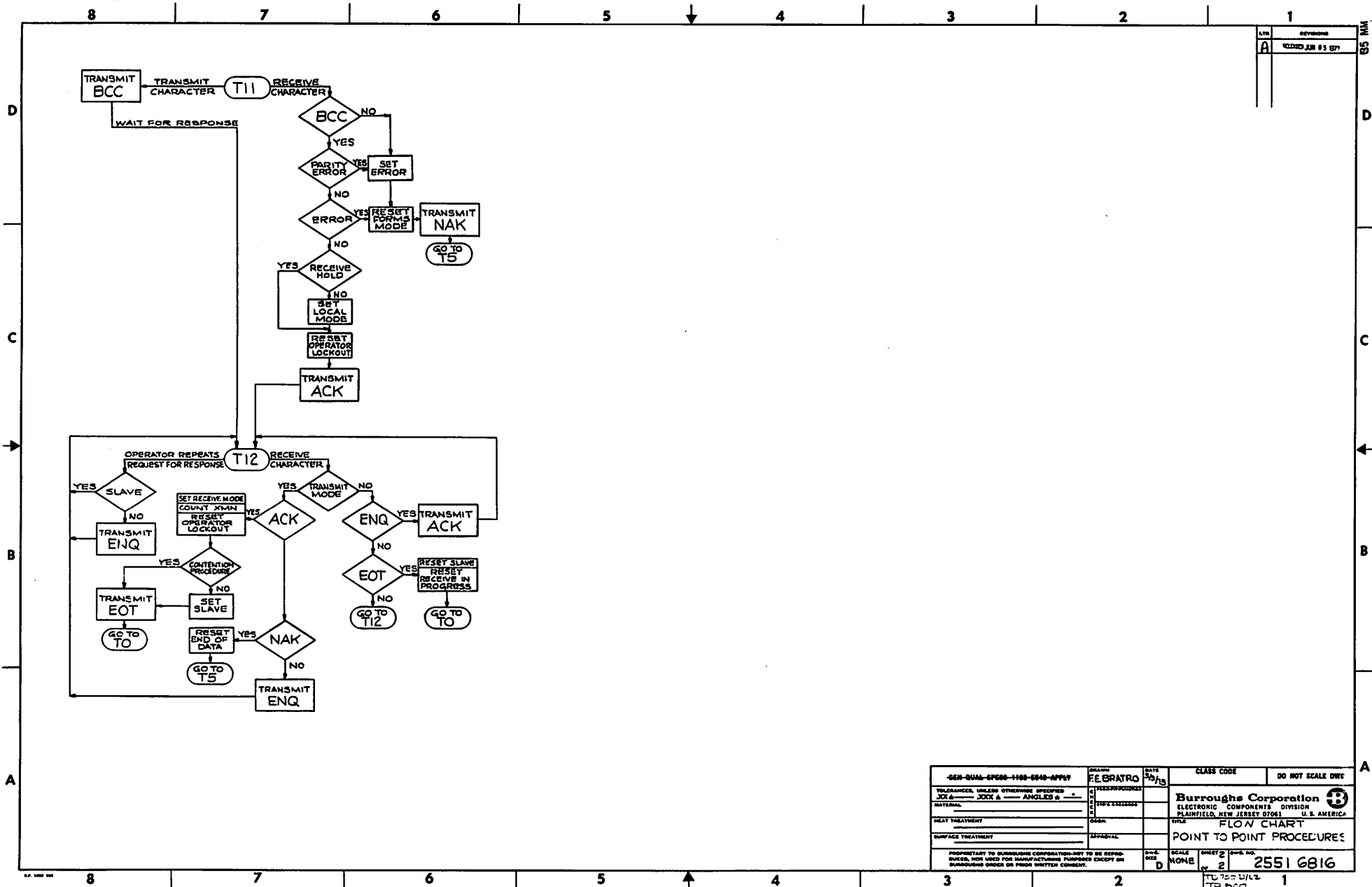
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MATERIAL		DATE		
HEAT TREATMENT		DATE		
SURFACE TREATMENT		DATE		
PROPERTY TO BURGESS CORPORATION—NOT TO BE REPRODUCED FOR USE IN MANUFACTURING PURPOSES EXCEPT ON BURGESS ORDER OR PRIOR WRITTEN CONSENT.		SCALE	2551 4944	
		SCALE	2551 4944	
		SCALE	2551 4944	



REVISED JUN 05 1973
LTM
A

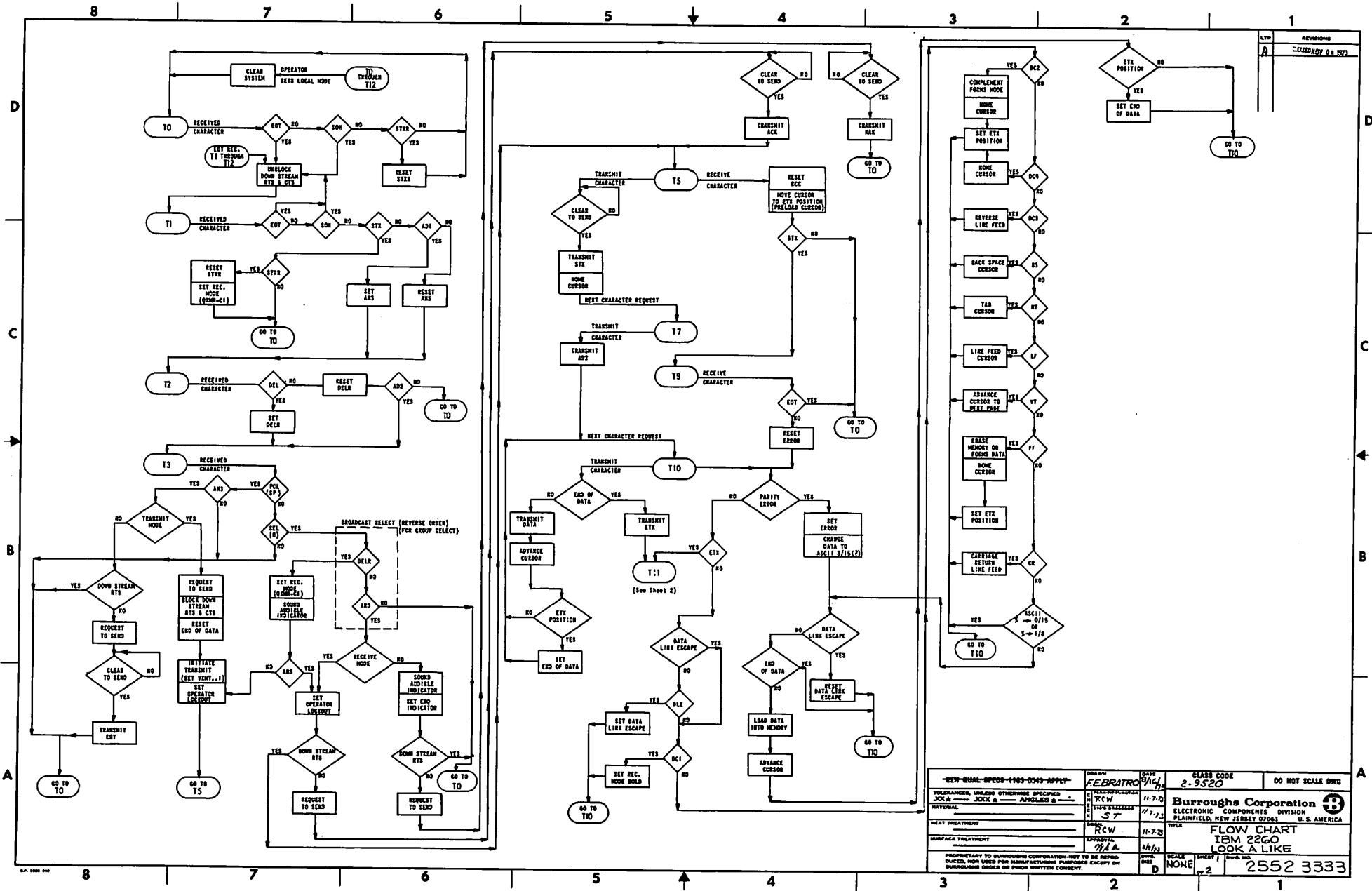
GEN-QUAL-SPEC-1100-6648-APPLY	DRAWN F.E. BRATRO	DATE 7/5/73	CLASS CODE 2-9520	DO NOT SCALE DWG
TOLERANCES, UNLESS OTHERWISE SPECIFIED XX & XX & ANGLES &	DESIGNED BY F.E. BRATRO	DATE 7/5/73	Burroughs Corporation ELECTRONIC COMPONENTS DIVISION PLAINFIELD, NEW JERSEY 07061 U.S. AMERICA	
MATERIAL	ENGINEERED BY MR	DATE 5/30/73		
HEAT TREATMENT	DATE 7/11/73	DATE 7/11/73	TITLE POINT TO POINT PROCEDURES	
SURFACE TREATMENT	APPROVED BY [Signature]	DATE 7/11/73	PROPRIETARY TO BURROUGHS CORPORATION-NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT.	
	SCALE NONE	SHEET 2	DWG NO. 2551 6816	

TO 700 D/12
TC 000

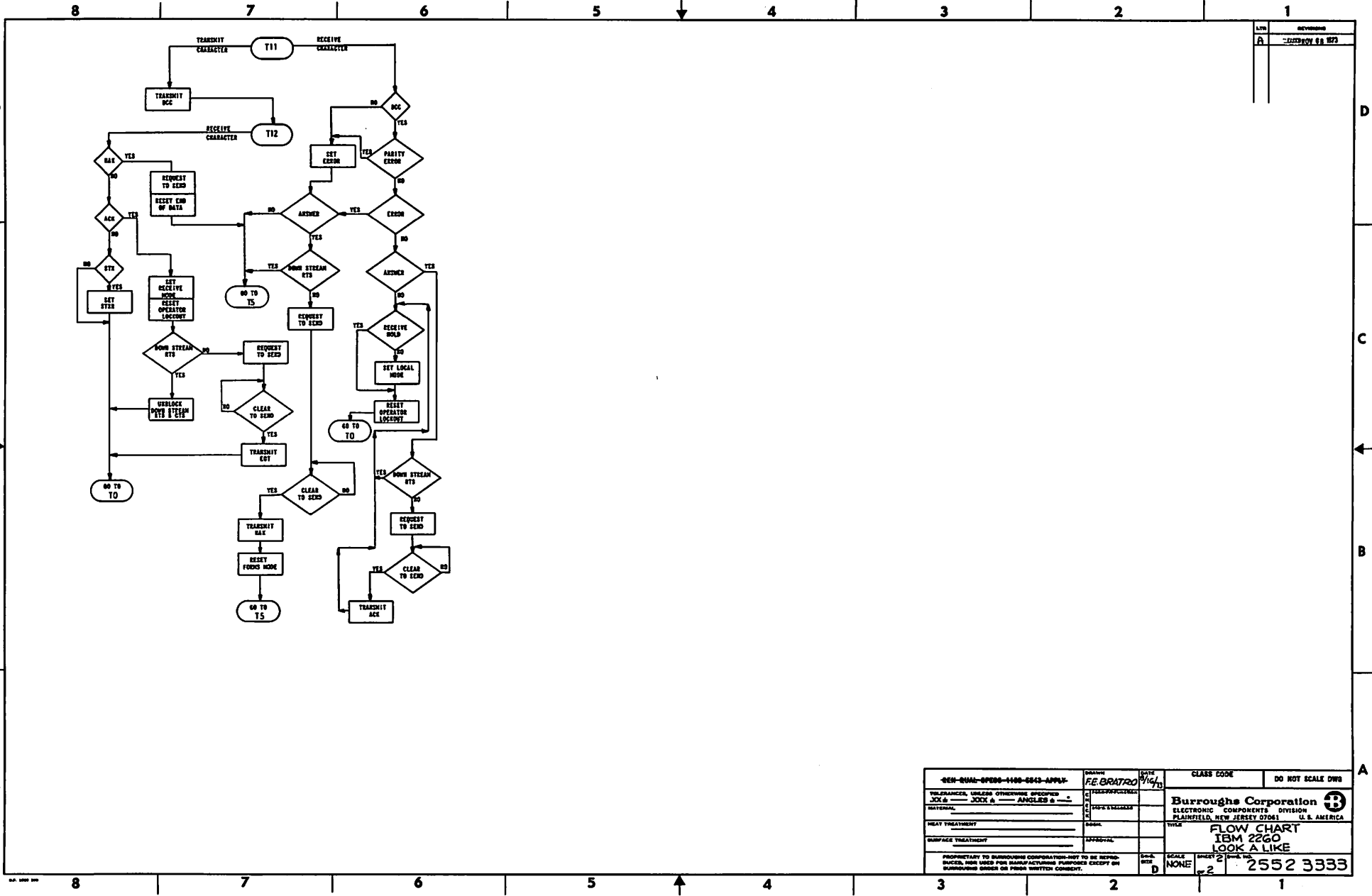


REV	REVISIONS
A	REVISED JUN 8 1977

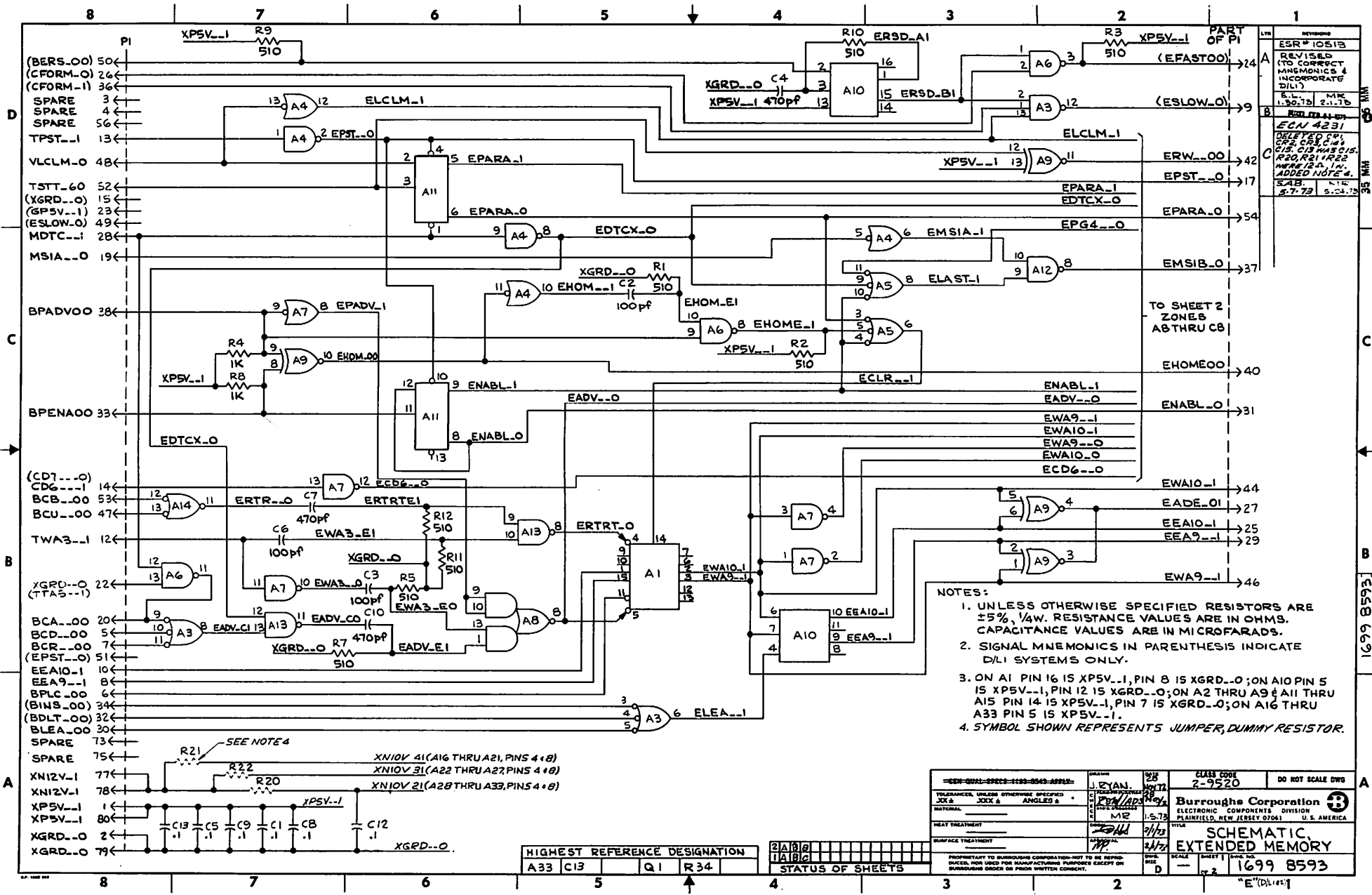
GEN-QUAL-SPECS-1188-0040-APPLY		DRAWN	DATE	CLASS CODE	DO NOT SCALE DWG
TOLERANCES, UNLESS OTHERWISE SPECIFIED X.XX ± .XX X.XX ± .XX ANGLES ± .1		E. BRATRO	7/15		
MATERIALS:		BY		Burrhoughs Corporation ELECTRONIC COMPONENTS DIVISION PLAINFIELD, NEW JERSEY 07061 U.S.A.	
HEAT TREATMENT:		CHKD			
SURFACE TREATMENT:		APPROVAL			
PROPRIETARY TO BURROUGHS CORPORATION-NOT TO BE REPRODUCED, FOR USE IN MANUFACTURING PURPOSES EXCEPT BY BURROUGHS ORDER OR PRIOR WRITTEN COMMENT.		SCALE	SHEET NO.	TITLE POINT TO POINT PROCEDURE	
		NONE	2	DRAWING NO. 2551 6816	



-GEN. QUAL. SPECS. 1183-0043-APPLY-		DATE	CLASS CODE	DO NOT SCALE DWG
TOLERANCES, UNLESS OTHERWISE SPECIFIED: DIM. ± .0005		11-7-75	2-9520	
MATERIAL: RCW		11-7-75	Burroughs Corporation ELECTRONIC COMPONENTS DIVISION PLAINFIELD, NEW JERSEY 07061 U.S. AMERICA	
SURFACE TREATMENT: NONE		11-7-75		
APPROVAL: N/A		DATE: 11-7-75	TITLE: FLOW CHART IBM 2260 LOOK A LIKE	
PROPERTY OF BURROUGHS CORPORATION-NOT TO BE REPRODUCED, FOR USE FOR REPAIR ACTIVITIES. PURCHASE EXCEPT BY BURROUGHS UNDER OR PRIOR WRITTEN CONSENT.		SCALE: NONE	SHEET: 2	2552 3333



GEN-2044-0P20-4480-0043-APPX	DRAWN F.E. BRATTON	DATE 7/14/53	CLASS CODE	DO NOT SCALE DWG
TOLERANCES UNLESS OTHERWISE SPECIFIED X.XX ± .005 X.X ± .002 ANGLES 9 ± .1	DESIGNED BY	CHECKED BY	Burroughs Corporation	
MATERIAL	DATE ESTABLISHED	SCALE	ELECTRONIC COMPONENTS DIVISION PLAINFIELD, NEW JERSEY 07061 U.S. AMERICA	
HEAT TREATMENT	APPROVAL	SCALE	TITLE FLOW CHART IBM 2260 LOOK A LIKE	
SURFACE TREATMENT	APPROVAL	SCALE NONE	SHEET 2 OF 2	2552 3333
<small>PROPRIETARY TO BURROUGHS CORPORATION-NOT TO BE REPRODUCED, NOR USED FOR MANUFACTURING PURPOSES EXCEPT BY BURROUGHS OR UNDER WRITTEN CONSENT.</small>				



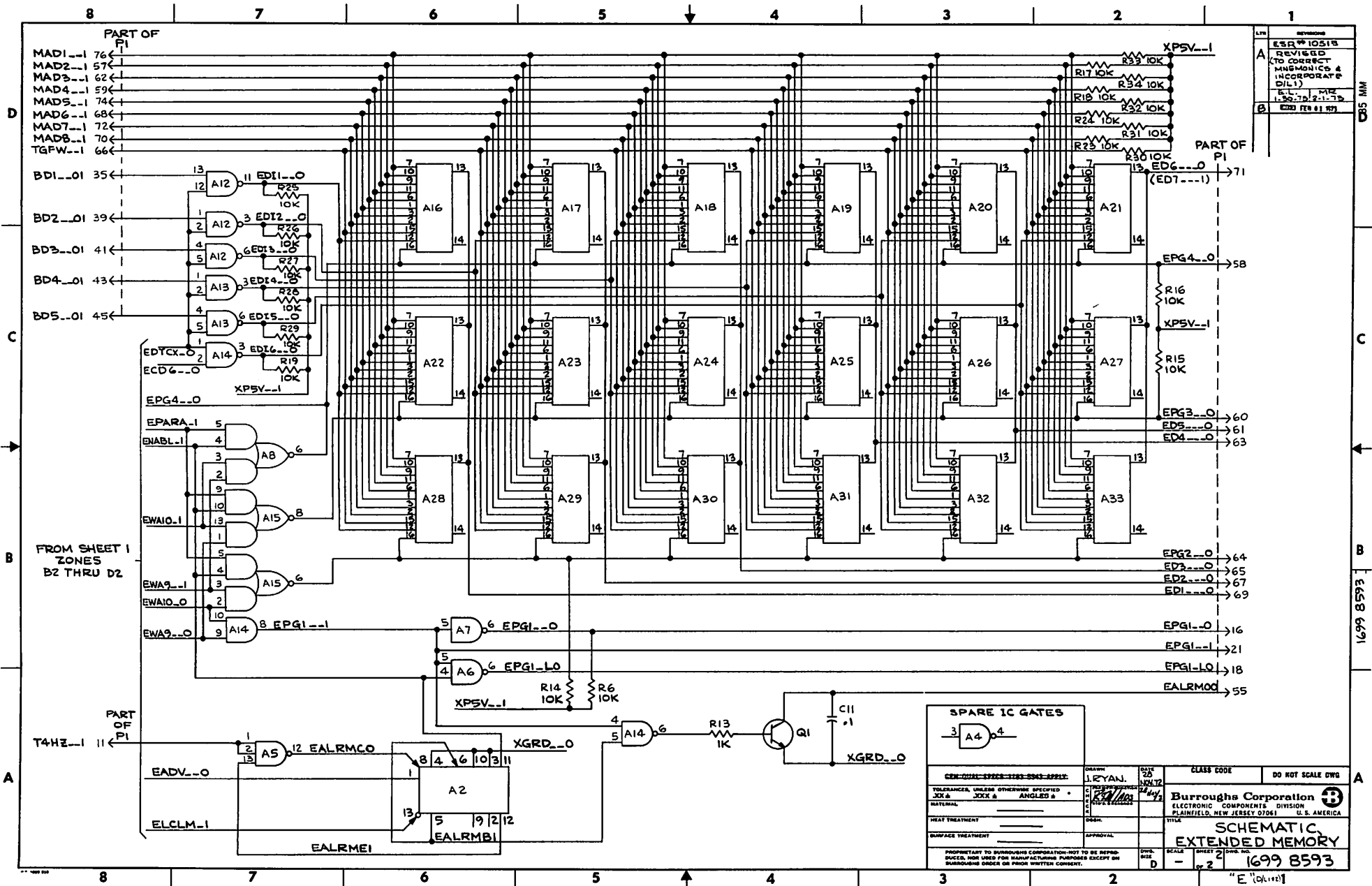
REVISED TO CORRECT MANGONICS & INCORPORATE D117
ECN 4231
DELETED C11, C12, C13, C14, C15, C18 HAS C15, R20, R21, R22 HERE R20, 1W. ADDED NOTE 4.
SAB
5.7.73

TO SHEET 2 ZONES AB THRU CB

- NOTES:
- UNLESS OTHERWISE SPECIFIED RESISTORS ARE $\pm 5\%$, $1/4W$. RESISTANCE VALUES ARE IN OHMS. CAPACITANCE VALUES ARE IN MICROFARADS.
 - SIGNAL MNEMONICS IN PARENTHESIS INDICATE D/I SYSTEMS ONLY.
 - ON A1 PIN 16 IS XPSV-1, PIN 8 IS XGRD-0; ON A10 PIN 5 IS XPSV-1, PIN 12 IS XGRD-0; ON A2 THRU A9 & A11 THRU A15 PIN 14 IS XPSV-1, PIN 7 IS XGRD-0; ON A16 THRU A33 PIN 5 IS XPSV-1.
 - SYMBOL SHOWN REPRESENTS JUMPER, DUMMY RESISTOR.

DESIGN-2002-SPECS-1000-0040-APPEND	DESIGNER J. EYAN	DATE NOV 72	CLASS CODE 2-9520	DO NOT SCALE DWG
TOLERANCES, UNLESS OTHERWISE SPECIFIED X.XX% .XXX% ANGLED 5°	CHECKED P. W. ABRAHAM	APPROVED M. E.	Burroughs Corporation ELECTRONIC COMPONENTS DIVISION PLAINFIELD, NEW JERSEY 07061 U.S.A.	
MATERIAL	DATE RELEASED	SCALE 1:5.75	TITLE SCHEMATIC EXTENDED MEMORY	
HEAT TREATMENT	DATE	SIZE D	SHEET 1 OF 2 1699 8593	
SURFACE TREATMENT	DATE	PRICE PER SHEET	E" (D) 1001	

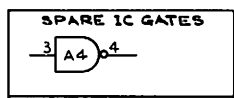
HIGHEST REFERENCE DESIGNATION			
A33	C13	Q1	R34
STATUS OF SHEETS			
2	1	1	1



REV	DESCRIPTION
A	ESR 9710518 REVISED (TO CORRECT MISCELLANEOUS & INCORPORATE D.L.I.)
B	E.L. #12 L.S. 218.21-15 E.O. 118.01.157

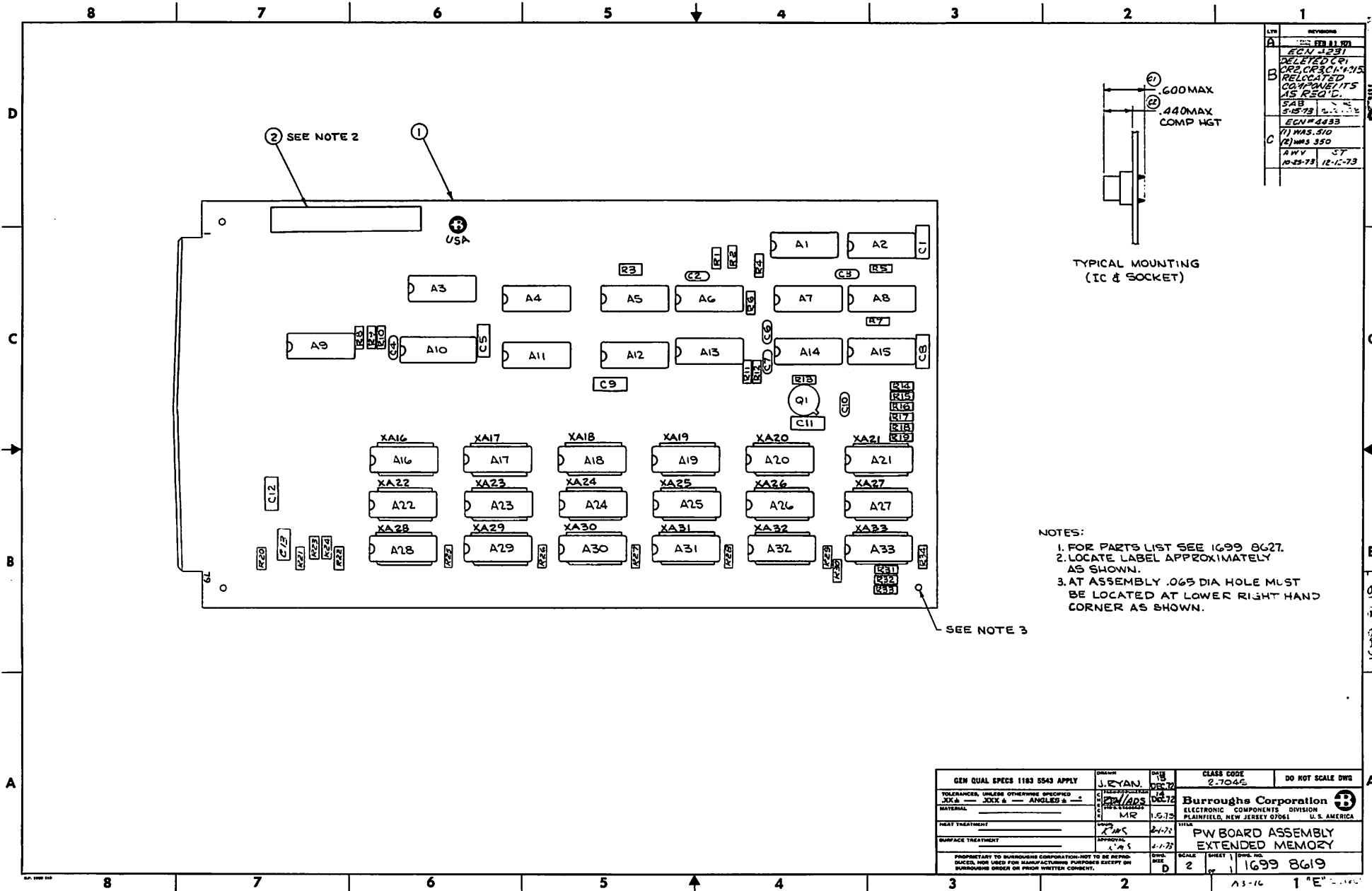
CBS MM

1699 8593

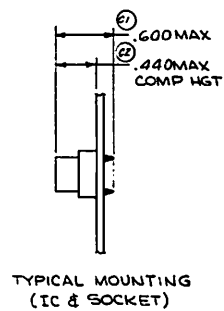


GEN-ORIG: SPES-1783-5041-APP1:	DRAWN: J. EYAN.	CLASS CODE	DO NOT SCALE DWG
TOLERANCES, UNLESS OTHERWISE SPECIFIED: X.X & .X .X .X ANGLED & MATERIAL	CHKD: [Signature]	Burroughs Corporation	
HEAT TREATMENT	DATE: [Date]	ELECTRONIC COMPONENTS DIVISION PLAINFIELD, NEW JERSEY 07061 U.S. AMERICA	
SURFACE TREATMENT	APPROVAL:	TITLE SCHEMATIC EXTENDED MEMORY	
<small>PROPRIETARY TO BURROUGHS CORPORATION-NOT TO BE REPRODUCED, NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDERS OR PRIOR WRITTEN CONSENT.</small>		DWG. NO. D	SHEET 2 OF 2 1699 8593

"E" (10.111)



REV	REVISIONS
A	ECN #4831 DELETED C1 C2, C3, C11, C15 RELOCATED COMPONENTS AS REQ'D.
B	5/8-73 ECN #4833
C	1/1 WAS 370 1/2 WAS 350 DWY ST 10-23-73 12-11-73

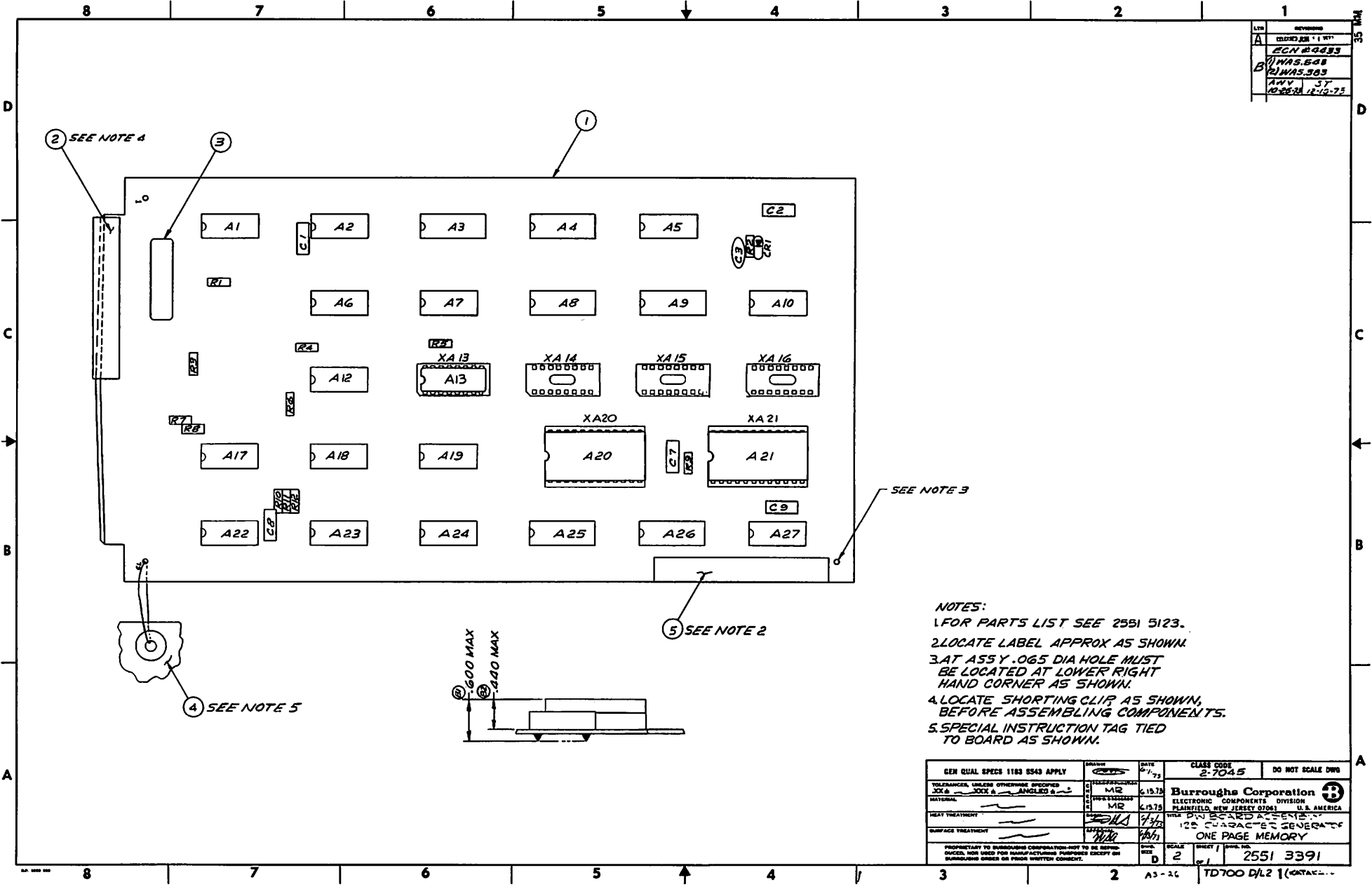


- NOTES:
1. FOR PARTS LIST SEE 1699 8627.
 2. LOCATE LABEL APPROXIMATELY AS SHOWN.
 3. AT ASSEMBLY .065 DIA HOLE MUST BE LOCATED AT LOWER RIGHT HAND CORNER AS SHOWN.

SEE NOTE 3

GEN QUAL SPECS 1183 5543 APPLY		DESIGNER J. RYAN	DATE DEC 72	CLASS CODE 2-7046E	DO NOT SCALE DWG
TOLERANCES, UNLESS OTHERWISE SPECIFIED XX ± .005 & ANGLED ± .005		APPROVED MR	DATE DEC 72	Burroughs Corporation ELECTRONIC COMPONENTS DIVISION PLAINFIELD, NEW JERSEY 07061	
MATERIAL		DATE 1-5-73	TITLE PW BOARD ASSEMBLY EXTENDED MEMORY		
HEAT TREATMENT		APPROVAL KMS	DATE 2-1-73	PROPRIETARY TO BURROUGHS CORPORATION. NOT TO BE REPRODUCED, FOR USE IN MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT.	
SURFACE TREATMENT		DATE 2-1-73	DWG. NO. D	SCALE 2	SHEET 1
		DWG. NO. 1699 8619		AS-16 1" E	

REV	REVISIONS
A	ISSUED FOR "1" KIT
	ECN #9493
B	1/11/53.608
	12/11/53.303
	AWY 37
	12-25-53 12-16-73



- NOTES:**
1. FOR PARTS LIST SEE 2551 3123.
 2. LOCATE LABEL APPROX AS SHOWN.
 3. AT ASSY .065 DIA HOLE MUST BE LOCATED AT LOWER RIGHT HAND CORNER AS SHOWN.
 4. LOCATE SHORTING CLIP AS SHOWN, BEFORE ASSEMBLING COMPONENTS.
 5. SPECIAL INSTRUCTION TAG TIED TO BOARD AS SHOWN.

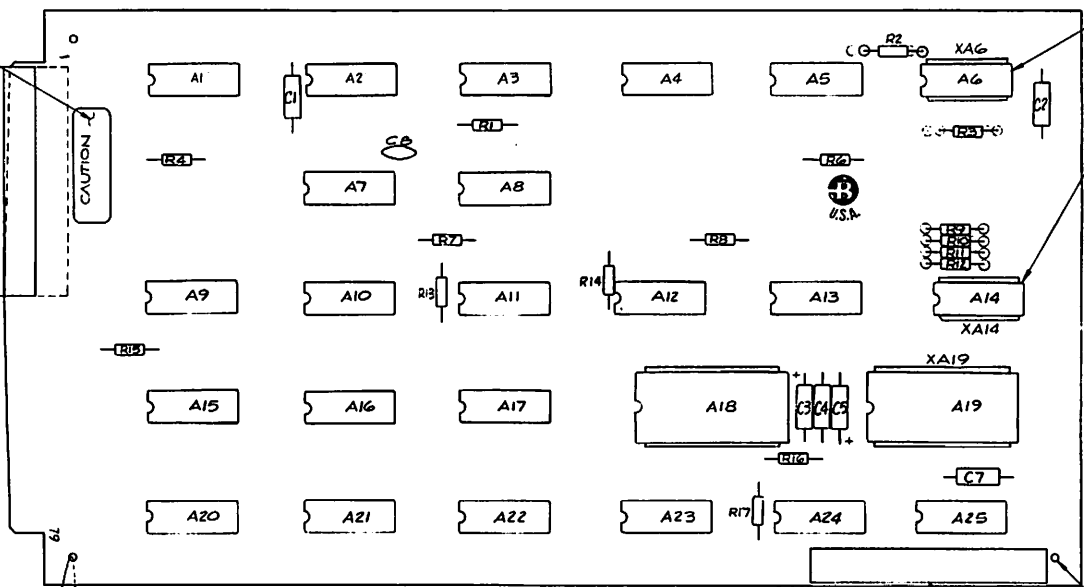
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MATERIAL	MIR 6.15.73		
HEAT TREATMENT	MIR 6.15.73		
SURFACE TREATMENT	MIR 6.15.73		
PROPERTY TO BURROUGHS CORPORATION-NOT TO BE REPRODUCED, FOR USE FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDERS OR PRIOR WRITTEN CONSENT.	DWG. NO. D 2	SCALE 2	SHEET 1
		PART NO. 2551 3391	

MSD						LSD						MSD						LSD										
CODE WEIGHT	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1
IC DESIGNATION	A6						A14						A6						A14									
VARIABLE PIN NO.	8	10	1	3	8	10	1	3	8	10	1	3	8	10	1	3	8	10	1	3	8	10	1	3	8	10	1	3
COUNTRY	IN	DA	IN	DA	IN	DA	IN	DA	IN	DA	IN	DA	IN	DA	IN	DA	IN	DA	IN	DA	IN	DA	IN	DA	IN	DA	IN	DA
FRANCE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
UNITED KINGDOM	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
GERMANY	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ITALY	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PORTUGAL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SOUTH AFRICA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

TABLE A

REV	REVISION
1	ESR# 10610
A	CONTROL CHANGE
	CFG MR 3-7-75
	ESR# 10621
B	REVISED
	CFG MR 3-16-75
	ESR# 11187
C	ECN# 4255
D	REMOVED CG. 13-1-75
	CFG MR 1-17-75
	ESR# 11187
	ECN# 4333
E	ACC'D R13
	CFG MR 2-12-75
	ESR# 11187
	ECN# 4340
F	REMOVED R13
	CFG MR 2-12-75
	ESR# 11187
	ECN# 4433
G	1) HAS 500
	2) HAS 390
	AWV ST 12-28-75 4-11-75

SEE NOTE 2 (3)
SEE NOTE 4 (2)



SEE TABLE A
.600 MAX
.440 MAX COMPONENT HEIGHT

- NOTES:
1. FOR PARTS LIST SEE 2551 0470.
 2. LOCATE LABEL APPROXIMATELY AS SHOWN.
 3. AT ASSY .065 DIA HOLE MUST BE LOCATED AT LOWER RIGHT HAND CORNER AS SHOWN.
 4. LOCATE SHORTING CLIP OVER CONTACT FINGERS INDICATED, BEFORE ASSEMBLING COMPONENTS.
 5. SPECIAL INSTRUCTION TAG TIED TO BOARD AS SHOWN.

(4) SEE NOTE 5

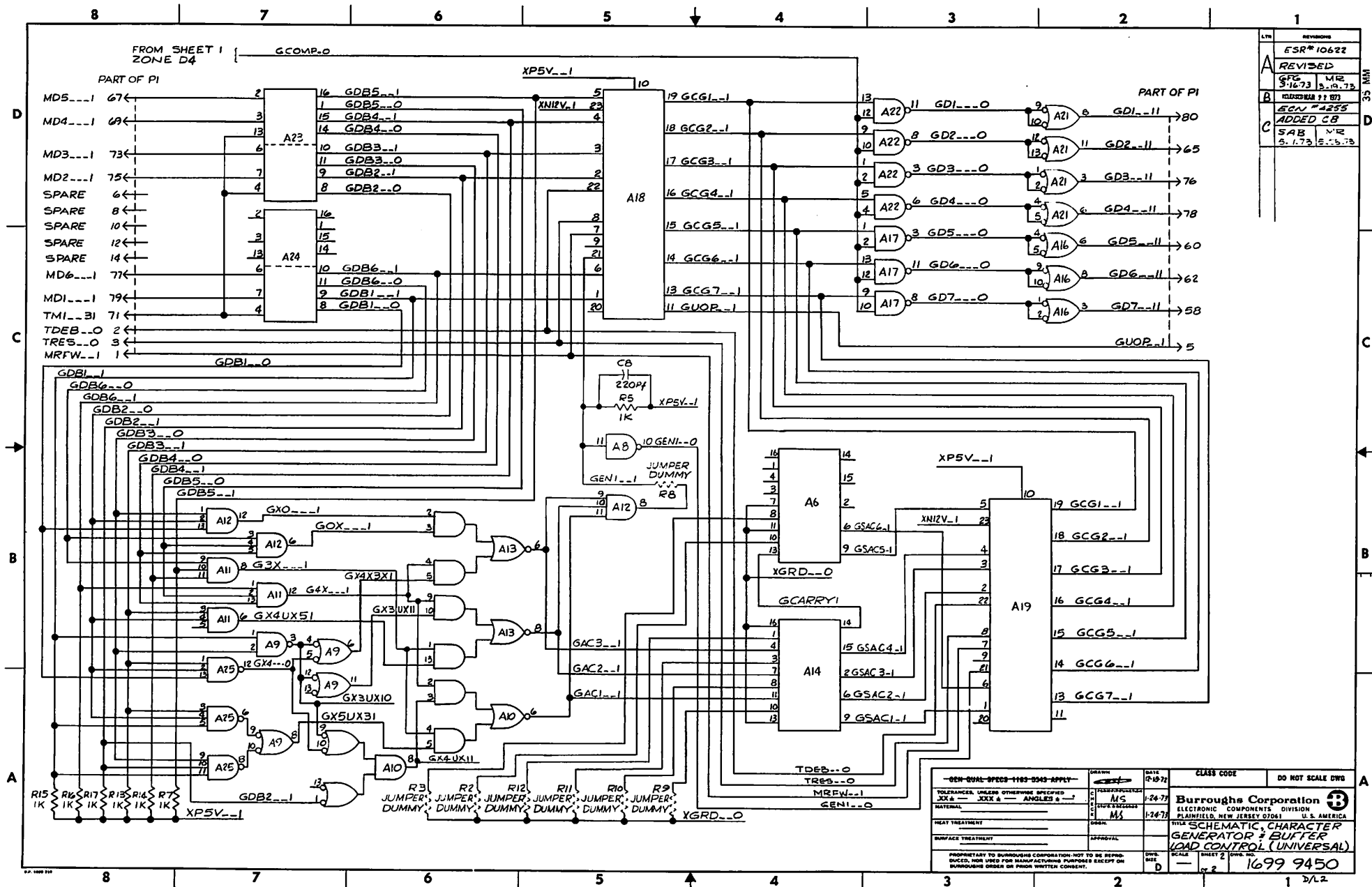
GEN QUAL SPECS 1183 8543 APPLY		DATE	CLASS CODE	DO NOT SCALE DIMS
DESIGNED BY	MR	3-7-75	2-7045	
CHECKED BY	MR	3-7-75		
MATERIAL	MR	3-7-75		
HEAT TREATMENT		1/1/75		
SURFACE TREATMENT		1/1/75		
PROPERTY TO BURGESS CORPORATION-NOT TO BE REPRODUCED, FOR USE IN MANUFACTURING PURPOSES ONLY BY BURGESS ORDER OR FROM SWITCH COMPANY.		DATE	ISSUED	BY
		D	2	D

Burgess Corporation
ELECTRONIC COMPONENTS DIVISION
PLAINFIELD, NEW JERSEY 07041 U.S. AMERICA

THIS PW BOARD ASSEMBLY CHARACTER GENERATOR (UNIVERSAL) INTERNATIONAL

2551 0447

AS-30 1 1/2



REV	REVISIONS
1	ESR* 10622
A	REVISED
B	ADDED CB
C	ADDED CB

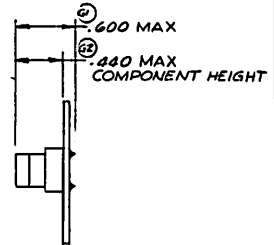
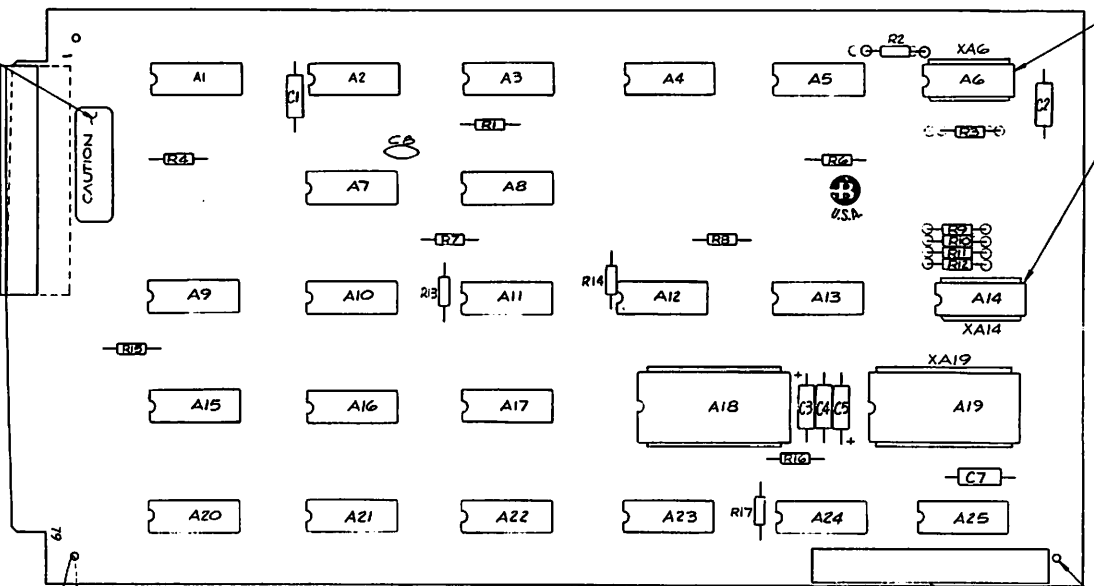
-GEN-QUAL-SPEC-1163-5343-APPLY-		DATE	CLASS CODE	DO NOT SCALE DWG
TOLERANCES, UNLESS OTHERWISE SPECIFIED		1-24-77		
XX.X - .XX.X - .XXX.X - .XXXX.X - .XXXXX.X - .XXXXXX.X - .XXXXXXX.X - .XXXXXXXX.X - .XXXXXXXXX.X - .XXXXXXXXXX.X - .XXXXXXXXXX.X				
MATERIAL		MS		
HEAT TREATMENT		MS		
SURFACE TREATMENT				
APPROVAL				
PROPRIETARY TO BURROUGHS CORPORATION; NOT TO BE REPRODUCED, NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT.		DWG NO 1699 9450	TITLE SCHEMATIC, CHARACTER GENERATOR & BUFFER LOAD CONTROL (UNIVERSAL)	

CODE WEIGHT → MSD							LSD							CODE WEIGHT → MSD							LSD									
IC DESIGNATION →	A6						A14									A6														A14
VARIABLE PIN NO. →	8	10	1	3	5	10									8	10	1	3	5	10										
COUNTRY	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
FRANCE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
UNITED KINGDOM	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
GERMANY	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ITALY	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PORTUGAL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SOUTH AFRICA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

TABLE A

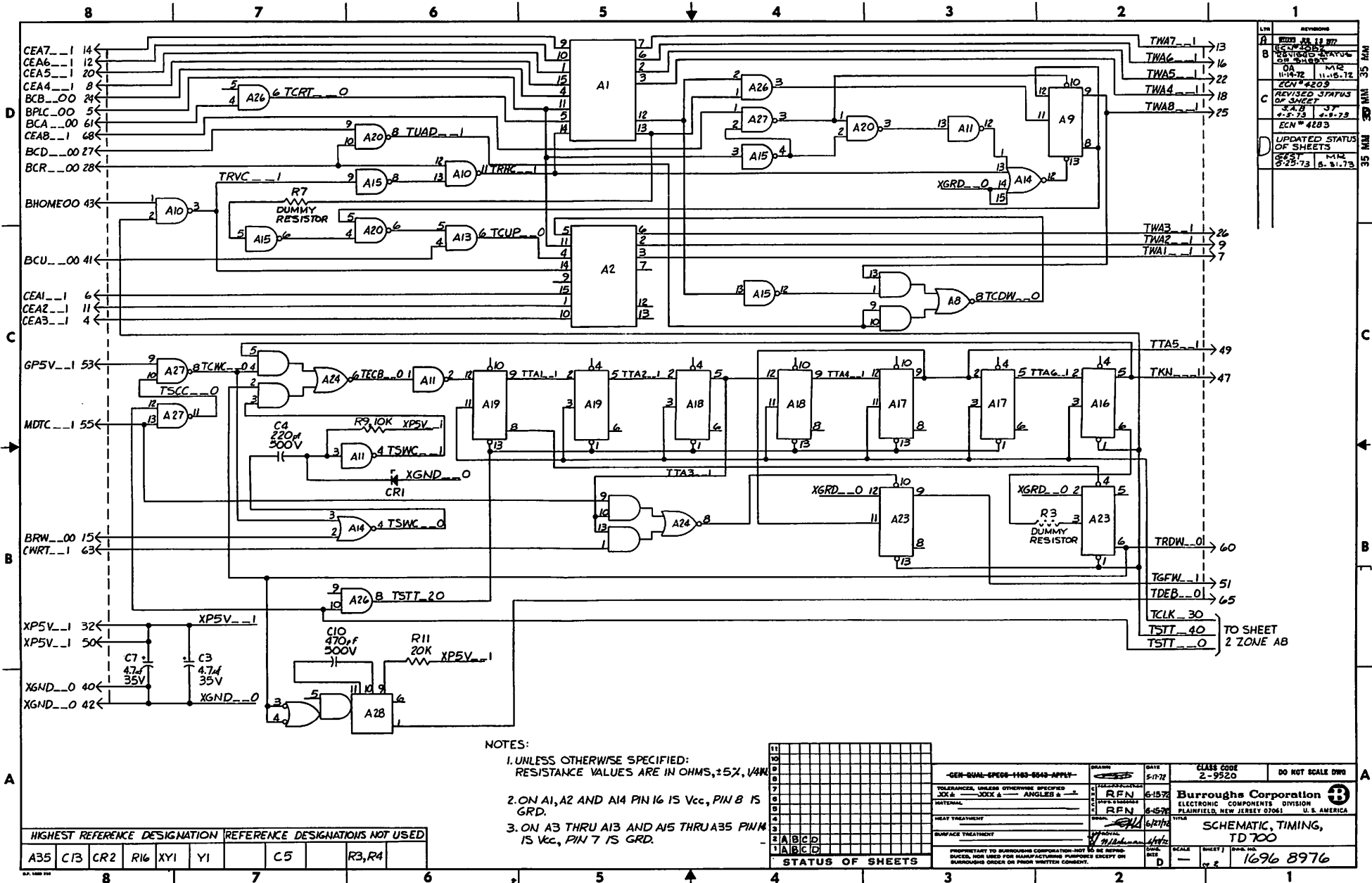
REV	REVISION
A	CONTROL CHANGE ESR# 10610 GFG NRE 3-7-75 5-19-75 ESR# 10622
B	REVISED GFG NRE 3-16-75 5-17-75 "REVISION 12 107"
C	ECN# 2255
D	REMOVED CG. L54A TO R5 WITH 20
E	ECN# 4333 ACCD R13 GFG NRE 3-25-75 5-11-75 ECN# 4910
F	REMOVED R13 L54B TO R5 WITH 20 ECN# 4488
G	WAS 380 WAS 390 ANY ST 10-25-75 11-11-75

SEE NOTE 2 (3)
SEE NOTE 4 (2)



- NOTES:
1. FOR PARTS LIST SEE 2551 0470.
 2. LOCATE LABEL APPROXIMATELY AS SHOWN.
 3. AT ASSY .065 DIA HOLE MUST BE LOCATED AT LOWER RIGHT HAND CORNER AS SHOWN.
 4. LOCATE SHORTING CUP OVER CONTACT FINGERS INDICATED, BEFORE ASSEMBLING COMPONENTS.
 5. SPECIAL INSTRUCTION TAG TIED TO BOARD AS SHOWN.

GEN QUAL SPECS 1183 8543 APPLY		DATE	CLASS CODE	DO NOT SCALE DIMS
TOLERANCES, UNLESS OTHERWISE SPECIFIED	JOCK & ANGLES & ...	3-7-75	2-7045	
MATERIAL	MIR	3-19-75		
HEAT TREATMENT	MIR	3-9-75		
SURFACE TREATMENT	...	1/4/74		
APPROVAL	...	1/6/74		
PROPRIETARY TO BURROUGHS CORPORATION - NOT TO BE REPRODUCED, FOR INFO FOR MANUFACTURING PURPOSES ONLY OR SUBMITTED OUTSIDE OF PAPER SWITCH COMPANY.				
REVISION	2			
CLASS	D			
PROJECT				
DRAWING NO.				
DATE				
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CHECKED				
APPROVED				
DATE				
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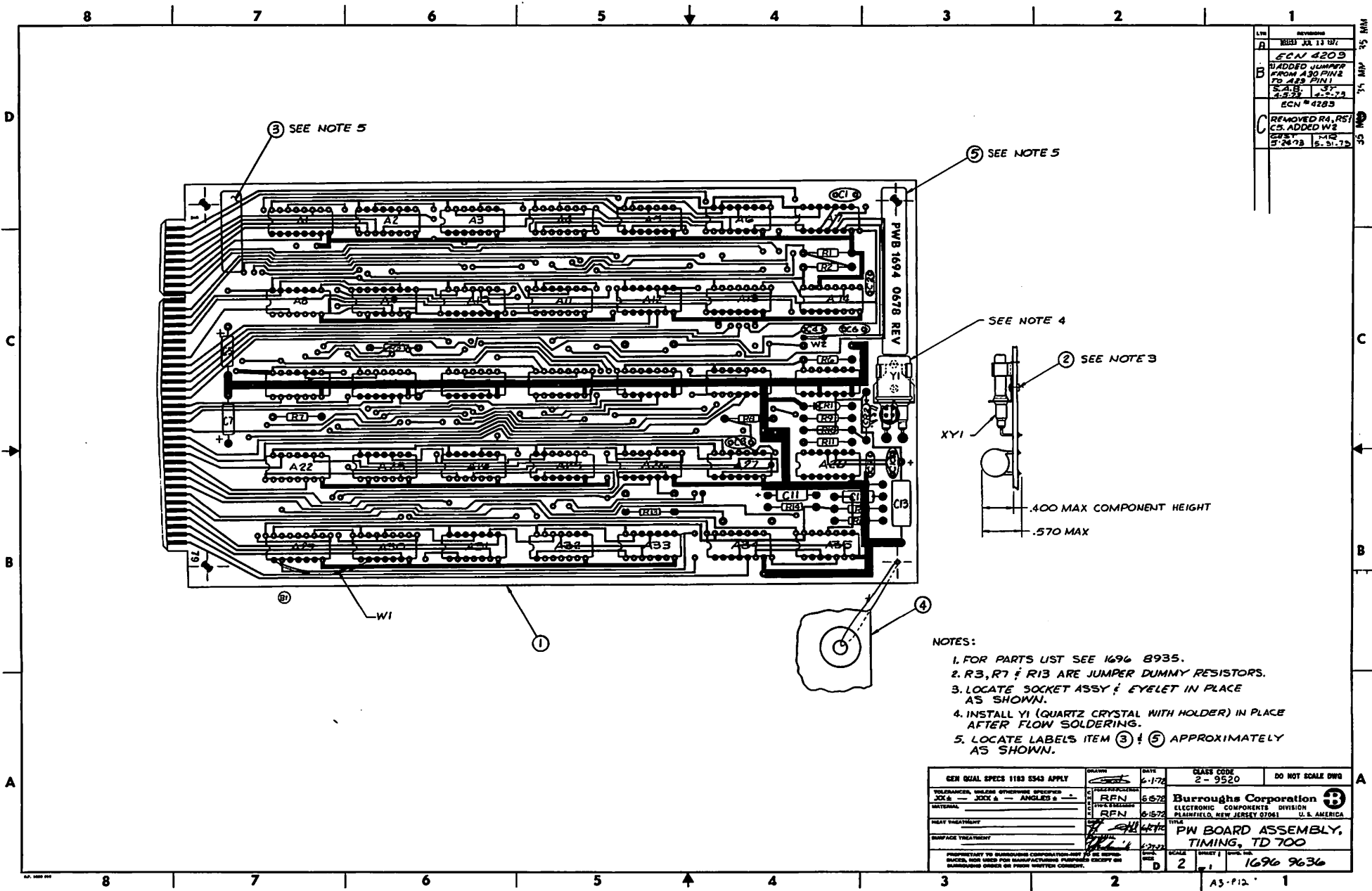
REV	DESCRIPTION
A	REVISED DATE 11-16-72
B	REVISED DATE 11-16-72
C	REVISED STATUS OF SHEET
D	REVISED STATUS OF SHEETS

- NOTES:
- UNLESS OTHERWISE SPECIFIED: RESISTANCE VALUES ARE IN OHMS, $\pm 5\%$, $\frac{1}{4}$ W.
 - ON A1, A2 AND A14 PIN 16 IS Vcc, PIN 8 IS GRD.
 - ON A3 THRU A13 AND A15 THRU A25 PIN 16 IS Vcc, PIN 7 IS GRD.

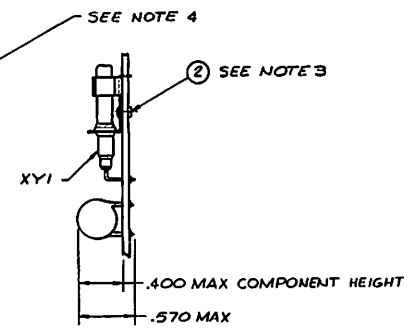
HIGHEST REFERENCE DESIGNATION	REFERENCE DESIGNATIONS NOT USED
A35 C13 CR2 R16 XY1 Y1	C5 R3,R4

REV	DATE	DESCRIPTION
1	5-17-72	INITIAL DESIGN
2	6-15-72	REVISED
3	6-15-72	REVISED
4	6-17-72	REVISED
5		

-GEN QUAL SPEC-1163-6040-APPLY-		DATE	5-17-72	CLASS CODE	2-9520	DO NOT SCALE DWG
TOLERANCE, UNLESS OTHERWISE SPECIFIED	JOX & ANGLES &	REVISED	6-15-72	Burroughs Corporation ELECTRONIC COMPONENTS DIVISION PLAINFIELD, NEW JERSEY 07061 U.S.A.		
MATERIAL	RFN	DATE	6-15-72			
HEAT TREATMENT	RFN	DATE	6-17-72			
SURFACE TREATMENT	RFN	DATE	6-17-72			
PROPRIETARY TO BURROUGHS CORPORATION; NOT TO BE REPRODUCED, COPIED, OR USED FOR MANUFACTURING PURPOSES EXCEPT BY BURROUGHS ORDER OR PRIOR WRITTEN CONSENT.		SCALE	1:1	SHEET	2	DWG. NO.
STATUS OF SHEETS A B C D 1 2 3 4				TO SHEET 2 ZONE AB 1696 8976		



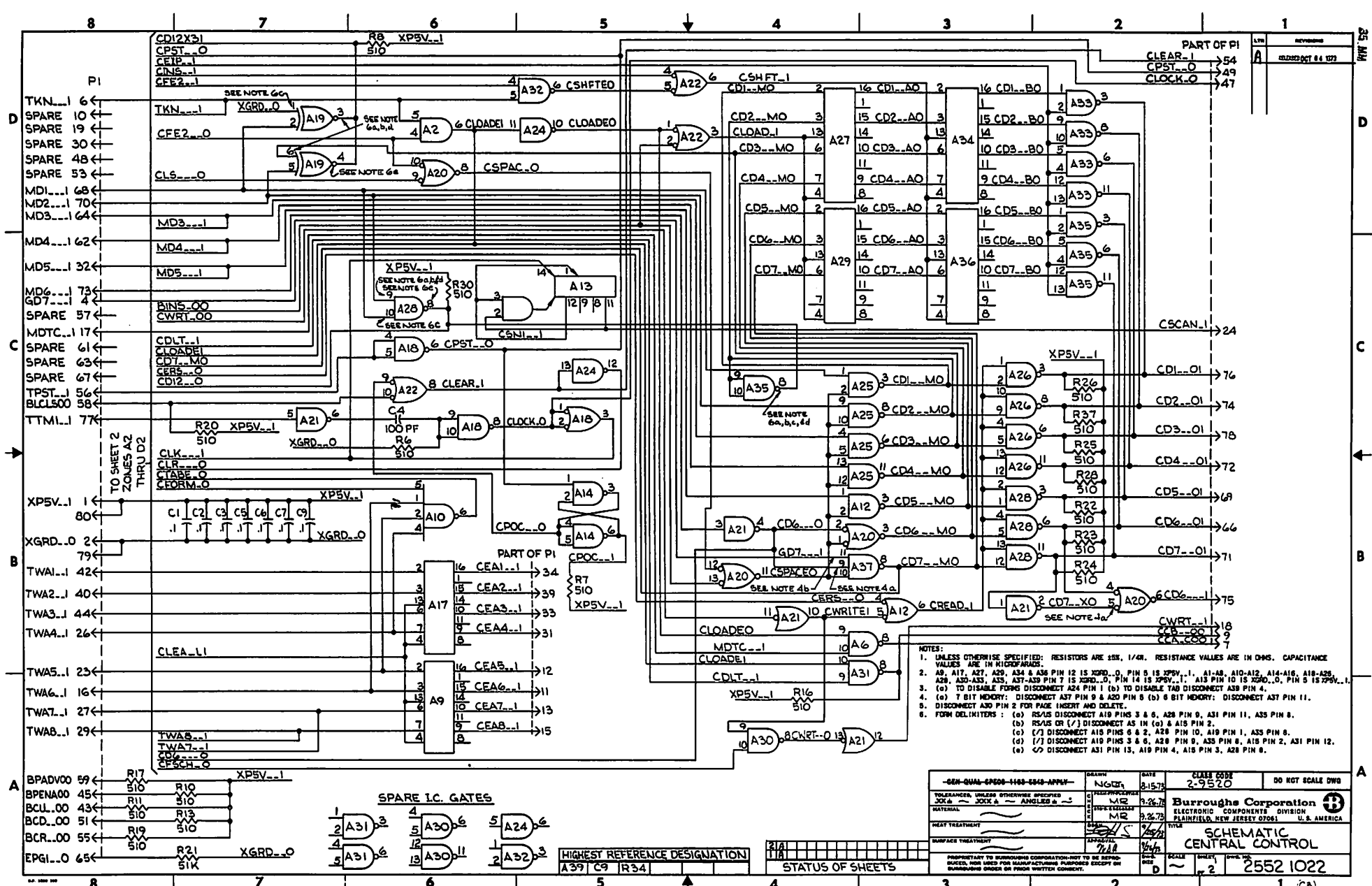
REV	REVISION
A	REVISION 11/11/57
B	ECN # 4209 ADDED JUMPER FROM A28 PIN2 TO A29 PIN1
C	REMOVED R4, R5 C.S. ADDED W2
	DATE 5-24-58 5-31-58
	ECN # 4283



- NOTES:
1. FOR PARTS LIST SEE 1696 8935.
 2. R3, R7 & R13 ARE JUMPER DUMMY RESISTORS.
 3. LOCATE SOCKET ASSY & EYELET IN PLACE AS SHOWN.
 4. INSTALL Y1 (QUARTZ CRYSTAL WITH HOLDER) IN PLACE AFTER FLOW SOLDERING.
 5. LOCATE LABEL'S ITEM ③ & ⑤ APPROXIMATELY AS SHOWN.

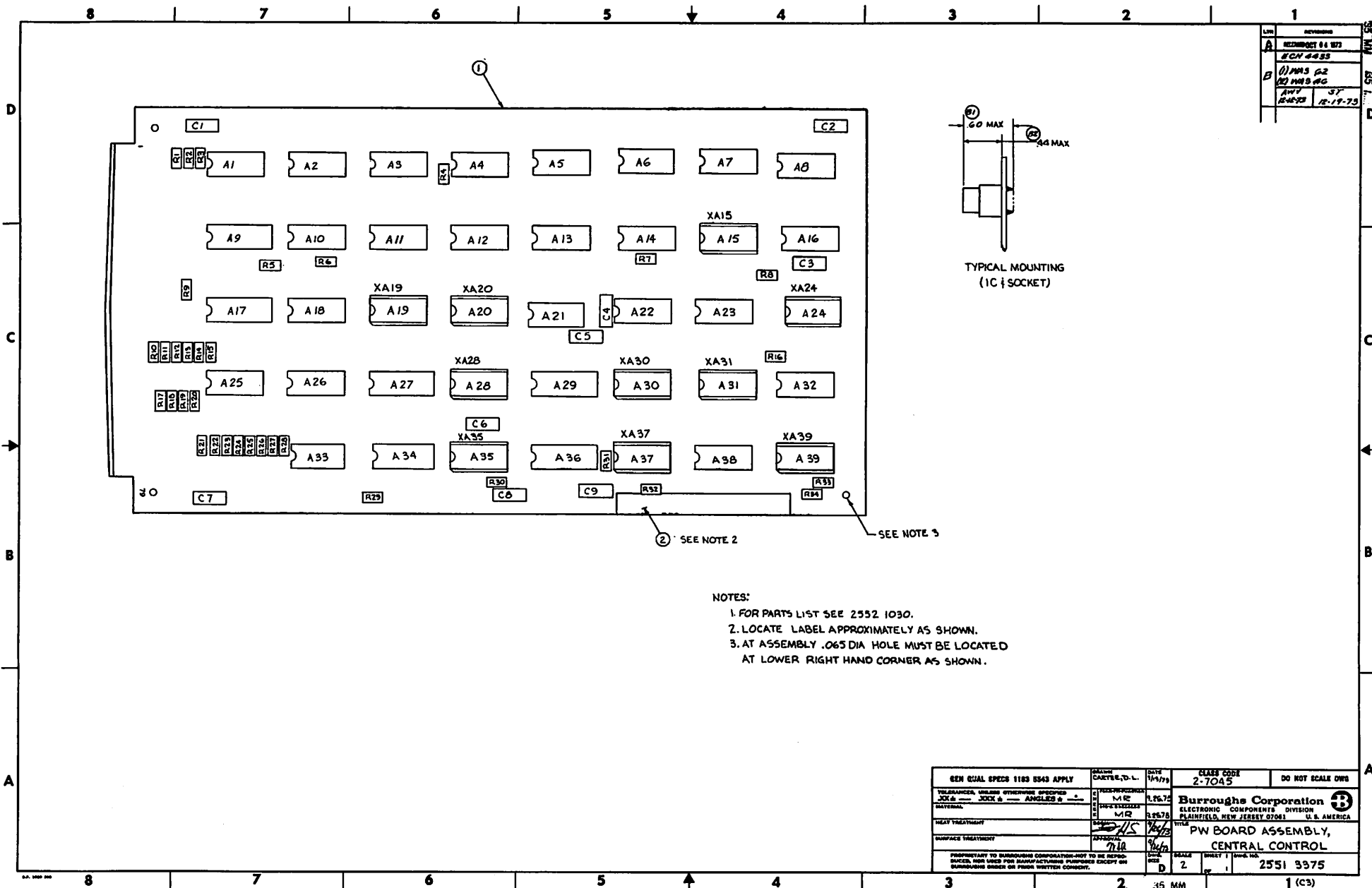
GEN QJAL SPEC 1183 8343 APPLY	DATE 6-1-78	CLASS CODE 2-9520	DO NOT SCALE DWG
TOLERANCES UNLESS OTHERWISE SPECIFIED X.XX - .XX - .XX - .XX - .XX - .XX	DESIGNED BY RPN 6-5-78	Burroughs Corporation ELECTRONIC COMPONENTS DIVISION PLAINFIELD, NEW JERSEY 07061 U.S. AMERICA	
MATERIAL	REVISION RPN 6-5-78		
HEAT TREATMENT	DATE 6-1-78	TITLE PW BOARD ASSEMBLY, TIMING, TD 700	
SURFACE TREATMENT	DATE 6-1-78	SCALE 2	QUANTITY 1696 9636
<small>PROPERTY TO BURROUGHS CORPORATION-MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT PERMISSION IN WRITING FROM BURROUGHS CORPORATION OR FROM WHATEVER COMPANY.</small>			

A5-P12 1



- NOTES:
1. UNLESS OTHERWISE SPECIFIED: RESISTORS ARE 50K, 1/4W. RESISTANCE VALUES ARE IN OHMS. CAPACITANCE VALUES ARE IN MICROFARADS.
 2. A9, A17, A27, A29, A34 & A36 PIN 12 IS XGRD_0, PIN 5 IS XPSV_1, A1-A8, A10-A12, A14-A16, A18-A26, A28, A30-A33, A35, A37-A39 PIN 7 IS XGRD_0, PIN 14 IS XPSV_1, A13 PIN 10 IS XGRD_0, PIN 5 IS XPSV_1.
 3. (a) TO DISABLE FORMS DISCONNECT A24 PIN 1 (b) TO DISABLE TAD DISCONNECT A38 PIN 4.
 4. (a) 7 BIT MEMORY: DISCONNECT A37 PIN 9 & A20 PIN 6 (b) 8 BIT MEMORY: DISCONNECT A37 PIN 11.
 5. DISCONNECT A30 PIN 2 FOR PAGE INSERT AND DELETE.
 6. FORM DELIMITERS: (a) RS/LS DISCONNECT A19 PINS 3 & 6, A28 PIN 9, A31 PIN 11, A35 PIN 8. (b) RS/LS OR [7] DISCONNECT AS IN (a) & A15 PIN 2. (c) [7] DISCONNECT A18 PINS 6 & 2, A29 PIN 10, A19 PIN 1, A33 PIN 8. (d) [7] DISCONNECT A10 PINS 5 & 6, A26 PIN 9, A33 PIN 6, A16 PIN 2, A31 PIN 12. (e) [7] DISCONNECT A31 PIN 13, A16 PIN 4, A16 PIN 3, A28 PIN 8.

-GEN-QUAL-SP20-1103-0848-APPLY-		DRAWN	NGR	DATE	CLASS CODE	DO NOT SCALE DWG
TOLERANCES, UNLESS OTHERWISE SPECIFIED: XON & JOCK & ANGLES & -		DATE	8-15-73	2-9520		
MATERIAL		BY	7-7-73	Burroughs Corporation ELECTRONIC COMPONENTS DIVISION PLAINFIELD, NEW JERSEY 07061 U.S. AMERICA		
HEAT TREATMENT		MR	3-26-73			
SURFACE TREATMENT		DATE	7-18	TITLE		
PROPERTY TO BURGHOUS CORPORATION-NOT TO BE REPRODUCED, FOR USE IN MANUFACTURING PURPOSES EXCEPT BY BURGHOUS ORDER OR FROM WRITTEN CONSENT.		APPROVAL		SCHEMATIC CENTRAL CONTROL		
HIGHEST REFERENCE DESIGNATION		SCALE	D	2552 1022		
STATUS OF SHEETS		REV	2	1 (3)		

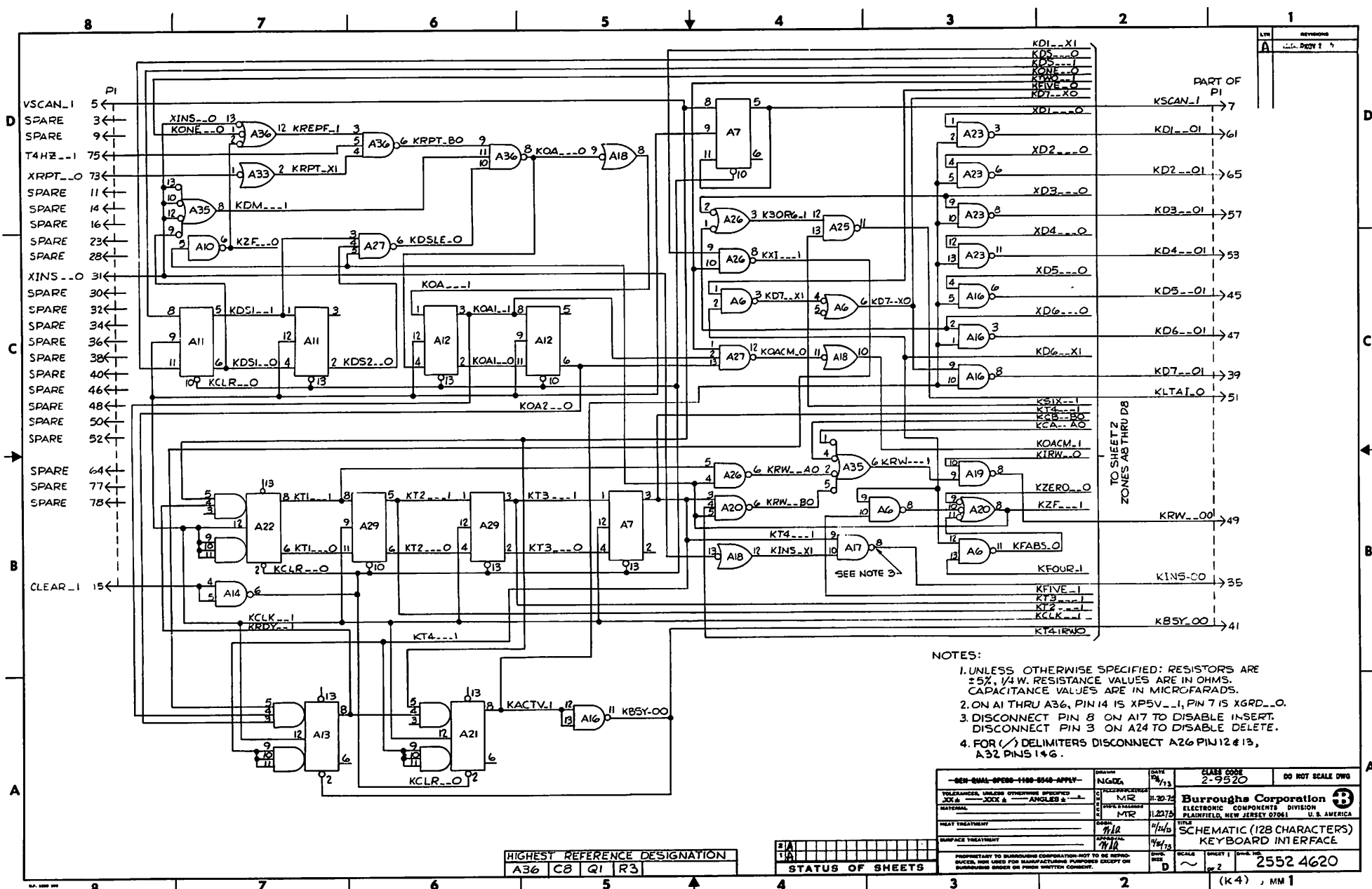


② SEE NOTE 2

SEE NOTE 3

- NOTES:
1. FOR PARTS LIST SEE 2552 1030.
 2. LOCATE LABEL APPROXIMATELY AS SHOWN.
 3. AT ASSEMBLY .065 DIA HOLE MUST BE LOCATED AT LOWER RIGHT HAND CORNER AS SHOWN.

GEN QUAL SPECS 1183 5543 APPLY	DESIGN CAETER, D. L.	DATE 1/17/73	CLASS CODE 2-7045	DO NOT SCALE DIMS
TOLERANCES, UNLESS OTHERWISE SPECIFIED DIM & .000 & .000 ANGLES & .000	1 ME	1.16.75	Burroughs Corporation ELECTRONIC COMPONENTS DIVISION PLAINFIELD, NEW JERSEY 07061 U. S. AMERICA	
MATERIAL	PRECEDENCES M12	2.05.78		
HEAT TREATMENT	DESIGNER H/S	2/2/73	TITLE PW BOARD ASSEMBLY, CENTRAL CONTROL	
SURFACE TREATMENT	APPROVED nil	2/2/73	DRAWN D	
<small>PROPRIETARY TO BURROUGHS CORPORATION-NOT TO BE REPRODUCED, USED, OR COPIED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDERS OR FROM WRITTEN CONSENT.</small>				
		SCALE 35 MM	SHEET 1	DATE 1/17/73
			2551 3975	1 (C3)



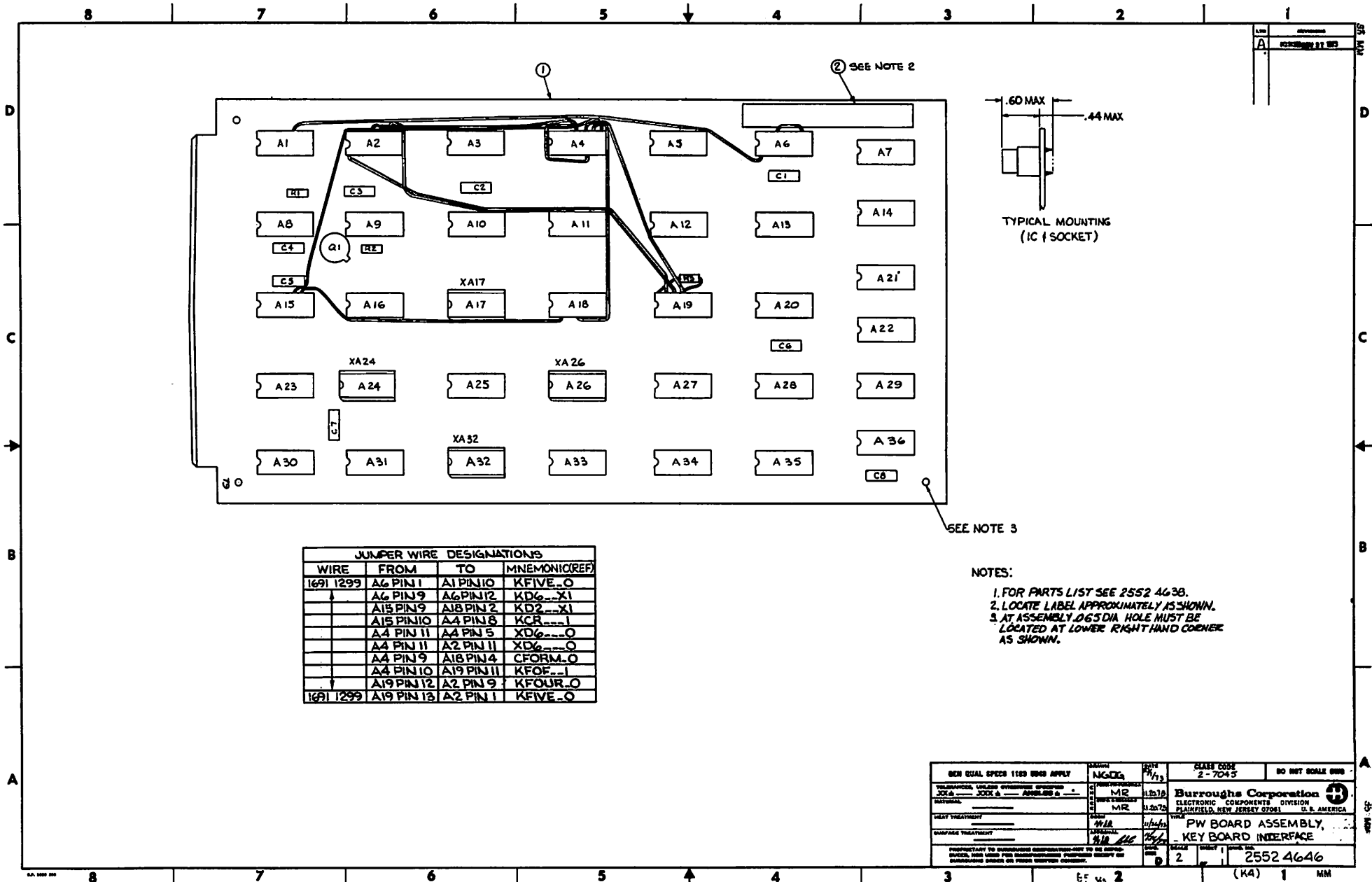
- NOTES:
1. UNLESS OTHERWISE SPECIFIED: RESISTORS ARE $\pm 5\%$, 1/4 W. RESISTANCE VALUES ARE IN OHMS. CAPACITANCE VALUES ARE IN MICROFARADS.
 2. ON A1 THRU A36, PIN 14 IS XP5V_I, PIN 7 IS XGRD_O.
 3. DISCONNECT PIN 8 ON A17 TO DISABLE INSERT. DISCONNECT PIN 3 ON A24 TO DISABLE DELETE.
 4. FOR (/) DELIMITERS DISCONNECT A26 PIN 12 & 13, A32 PINS 1 & 6.

HIGHEST REFERENCE DESIGNATION
A36 C8 Q1 R3

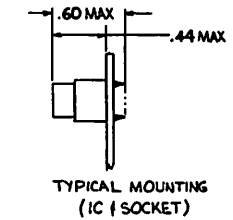
STATUS OF SHEETS	
2/A	
1/B	

-GEN-QUAL-SPERO-1180-8548-APPLY-		DATE	CLASS CODE	DO NOT SCALE DWG
TOLERANCES, UNLESS OTHERWISE SPECIFIED		11-20-74	2-9520	
XX.X	XXX.X	MR		
MATERIAL		1-2275		
HEAT TREATMENT		7/12		
SURFACE TREATMENT		7/12		
PROPERTY TO BURROUGHS CORPORATION-NOT TO BE REPRODUCED, NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT.		SCALE	SHEET 1	DATE
		1/4" = 1"	2	2552 4620

(K4) MM 1

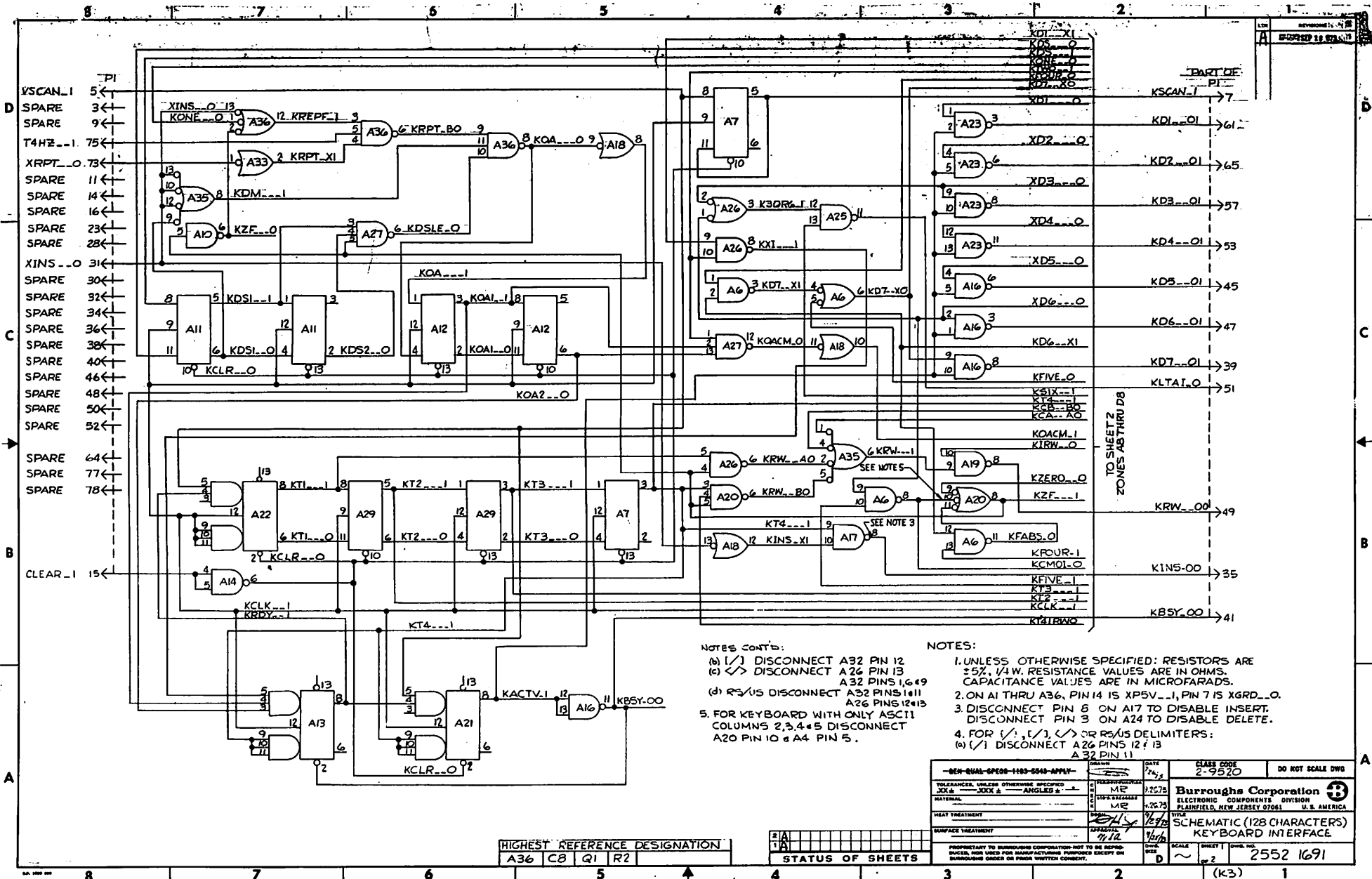


JUMPER WIRE DESIGNATIONS			
WIRE	FROM	TO	MNEMONIC(REF)
1691 1299	A6 PIN 1	A1 PIN 10	KFIVE_0
	A6 PIN 9	A6 PIN 12	KD6_X1
	A15 PIN 9	A18 PIN 2	KD2_X1
	A15 PIN 10	A4 PIN 8	KCR_1
	A4 PIN 11	A4 PIN 5	XD6_0
	A4 PIN 11	A2 PIN 11	XD6_0
	A4 PIN 9	A18 PIN 4	CFORM_0
	A4 PIN 10	A19 PIN 11	KFOF_1
	A19 PIN 12	A2 PIN 9	KFOUR_0
1691 1299	A19 PIN 13	A2 PIN 1	KFIVE_0



- NOTES:
1. FOR PARTS LIST SEE 2552 4638.
 2. LOCATE LABEL APPROXIMATELY AS SHOWN.
 3. AT ASSEMBLY .065 DIA. HOLE MUST BE LOCATED AT LOWER RIGHT HAND CORNER AS SHOWN.

BEN QUAL SPECS 1183 8089 APPLY	FINISH NGCIG	DATE 8/73	SCALE CODE 2-7045	DO NOT SCALE DIMS
TOLERANCES, UNLESS OTHERWISE SPECIFIED DIMS ± .005 HOLE ± .005	CD MR	REV 11/78	Burroughs Corporation ELECTRONIC COMPONENTS DIVISION PLAISTED, NEW JERSEY 07051 U.S.A.	
MATERIALS	CD MR	DATE 1/20/79	PW BOARD ASSEMBLY KEY BOARD INTERFACE	
HEAT TREATMENT	CD N/A	DATE 1/20/79	2552 4646	
SURFACE TREATMENT	CD N/A	DATE 1/20/79	(K4) 1 MM	
<small>PROPRIETARY TO BURROUGHS CORPORATION TO BE REPRODUCED, IN WHOLE OR IN PART, WITHOUT PERMISSION OF BURROUGHS CORPORATION IS STRICTLY PROHIBITED.</small>				



NOTES CONT'D:
 (b) [] DISCONNECT A32 PIN 12
 (c) [] DISCONNECT A26 PIN 13
 A32 PINS 1, 6, 9
 A26 PINS 12, 13
 (d) R5/U5 DISCONNECT A32 PINS 1, 11
 A26 PINS 12, 13
 5. FOR KEYBOARD WITH ONLY ASCII
 COLUMNS 2, 3, 4 + 5 DISCONNECT
 A20 PIN 10 & A4 PIN 5.

NOTES:

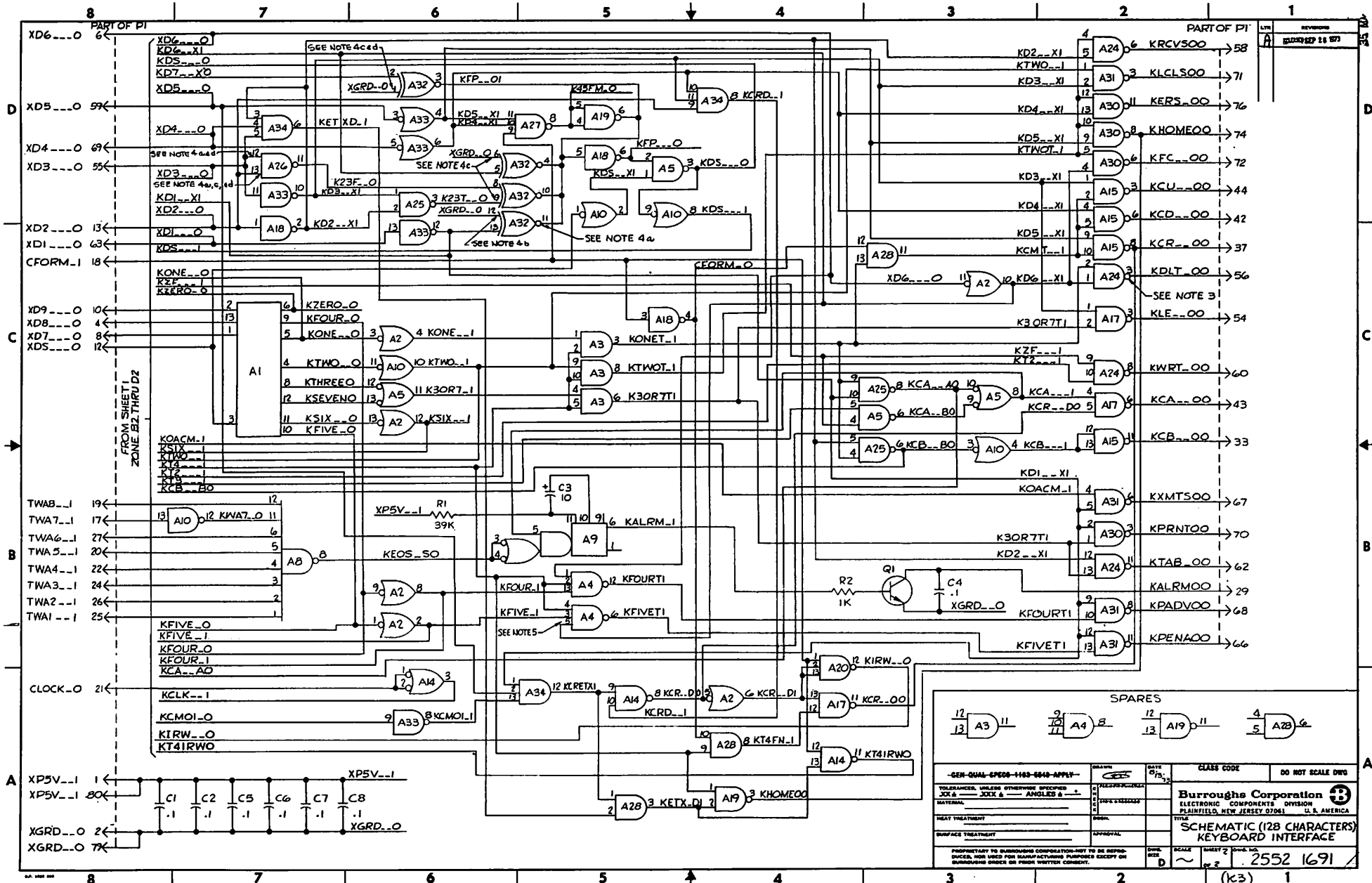
- UNLESS OTHERWISE SPECIFIED: RESISTORS ARE ±5%, 1/4W. RESISTANCE VALUES ARE IN OHMS. CAPACITANCE VALUES ARE IN MICROFARADS.
- ON A1 THRU A36, PIN 14 IS XPSV_1, PIN 7 IS XGRD_0.
- DISCONNECT PIN 8 ON A17 TO DISABLE INSERT. DISCONNECT PIN 9 ON A24 TO DISABLE DELETE.
- FOR [], [], [] OR R5/U5 DELIMITERS:
 (a) [] DISCONNECT A26 PINS 12, 13
 A32 PIN 11

HIGHEST REFERENCE DESIGNATION
 A36 C8 Q1 R2

STATUS OF SHEETS	
2A	
1A	

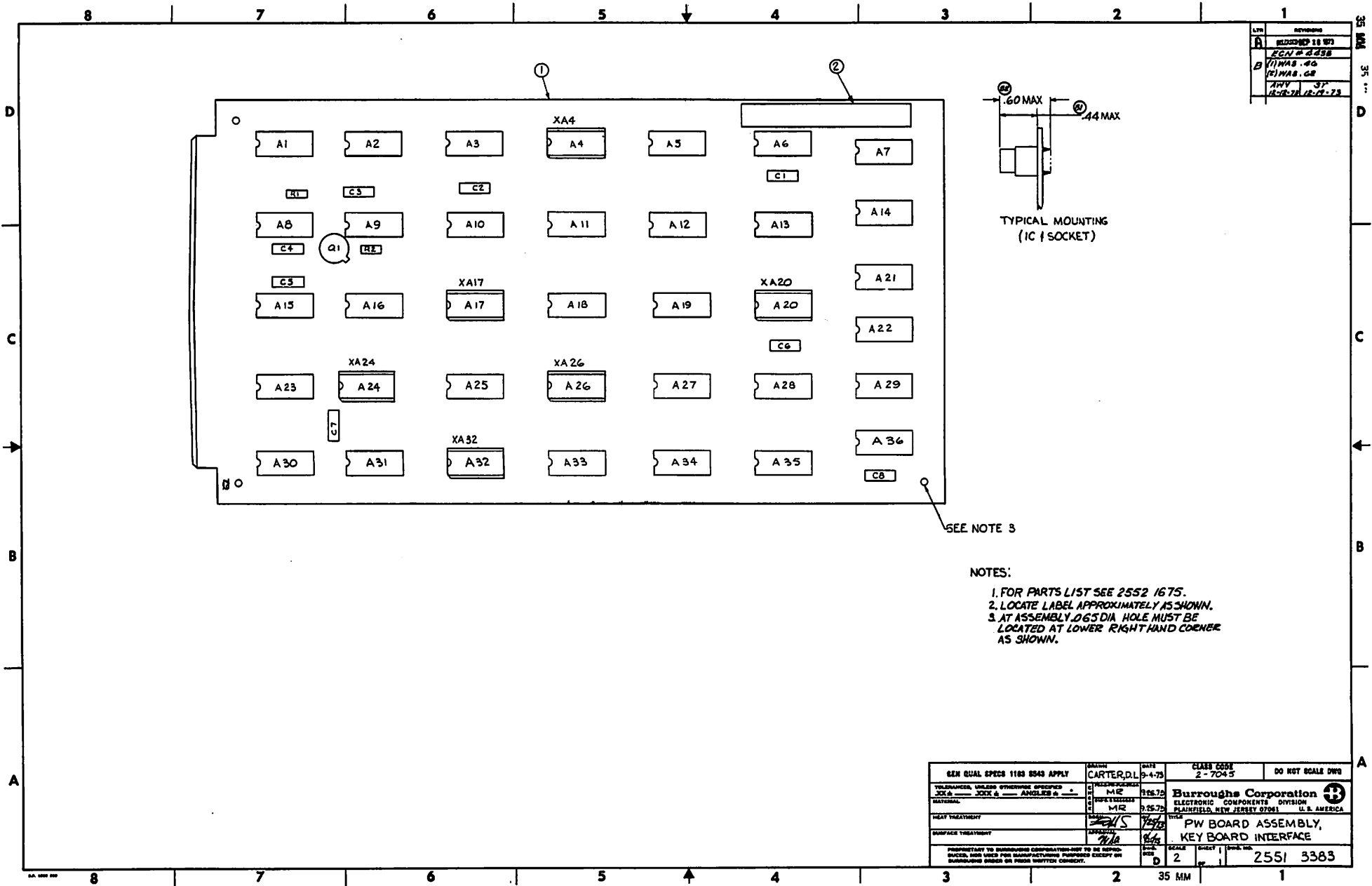
-GEN-QUAL-SPEC-1103-5543-APPLY-		DATE	CLASS CODE	DO NOT SCALE DWG
TOLERANCES, UNLESS OTHERWISE SPECIFIED	PRECISION	2/27/78	2-9520	
JOX #	JOX #	ME		
MATERIAL	REFERENCE	1-26-75		
	ME			
HEAT TREATMENT	APPROVAL	2/27/78		
SURFACE TREATMENT				
PROPRIETARY TO BURROUGHS CORPORATION-NOT TO BE REPRODUCED, FOR USE IN MANUFACTURING PURPOSES EXCEPT BY BURROUGHS UNDER OR UNDER WRITTEN CONSENT.		SCALE	SHEET 1	2552 1691
		~	of 2	

(K3) 1

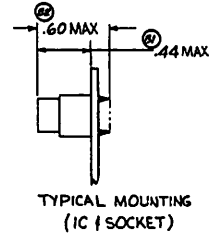


GEN-QUAL-SPEC-1183-6649-APPL- TOLERANCES, UNLESS OTHERWISE SPECIFIED DEC & ANGLED & - .5 MATERIAL HEAT TREATMENT SURFACE TREATMENT		DRAWN CHECKED DESIGNED APPROVAL	DATE CLASS CODE DO NOT SCALE DWG
Burroughs Corporation ELECTRONIC COMPONENTS DIVISION PLAINFIELD, NEW JERSEY 07061 U.S.A.		TITLE SCHEMATIC (128 CHARACTERS) KEYBOARD INTERFACE	
PROPRIETARY TO BURROUGHS CORPORATION-NOT TO BE REPRODUCED, COPIED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT WRITTEN PERMISSION OF BURROUGHS CORPORATION OR FROM WRITTEN CONSENT.		DWG. NO. D	SCALE SHEET 2 OF 2 DATE 2552 1691

(K3) 1



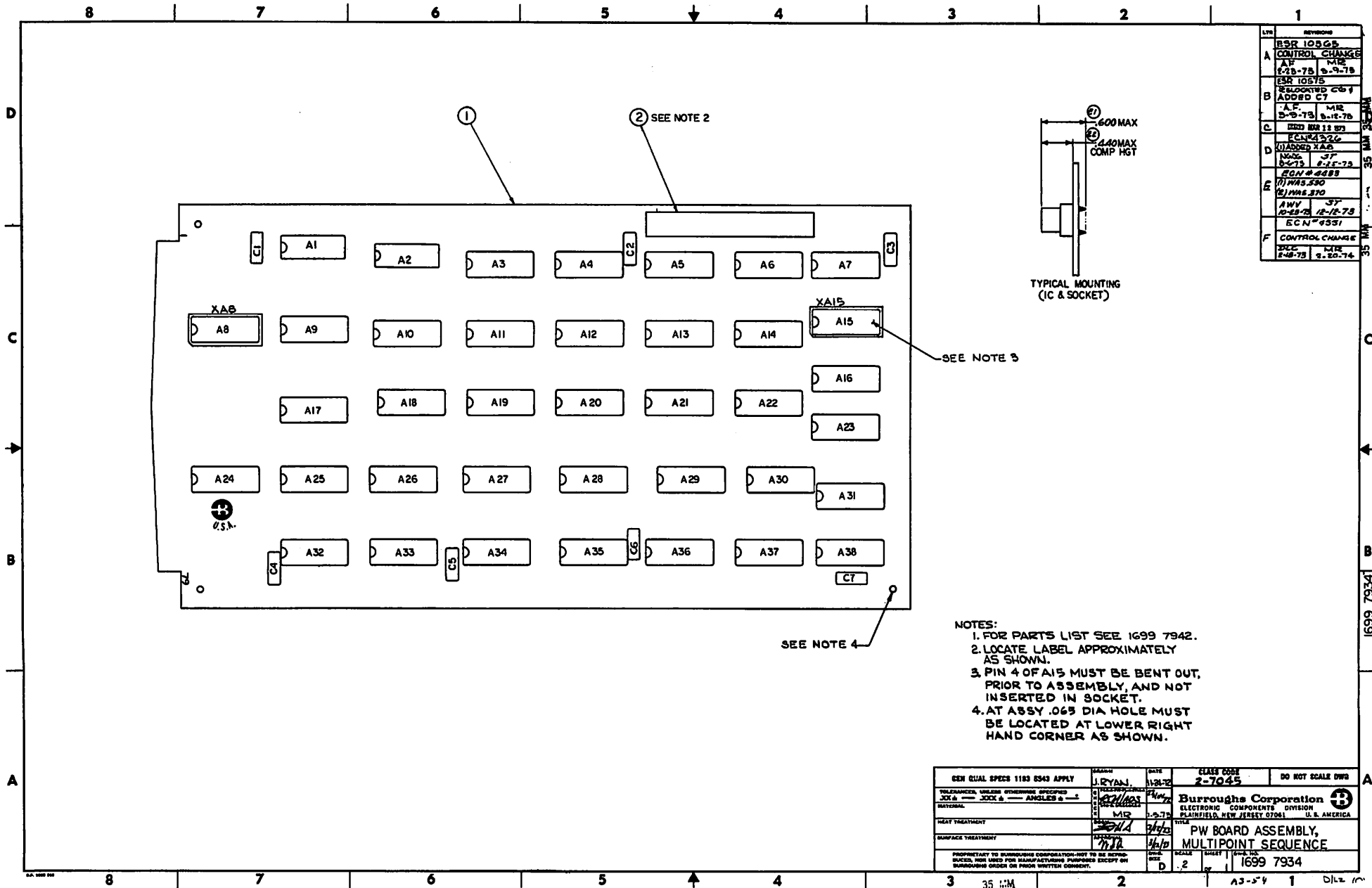
REV	REVISED
A	REVISED 10 10 73
	PCN M 3398
B	(1) WAS - 40
	(2) WAS - 68
AW	37
	12-2-78 12-15-78



SEE NOTE 3

- NOTES:
1. FOR PARTS LIST SEE 2552 1675.
 2. LOCATE LABEL APPROXIMATELY AS SHOWN.
 3. AT ASSEMBLY .065 DIA HOLE MUST BE LOCATED AT LOWER RIGHT HAND CORNER AS SHOWN.

GEN QUAL SPECS 1163 8343 APPLY	DATE	CLASS CODE	DO NOT SCALE DWG
	CARTER, D.L. 9-4-73	2-7045	
TOLERANCES UNLESS OTHERWISE SPECIFIED	DESIGNED BY	Burroughs Corporation ELECTRONIC COMPONENTS DIVISION PLAINFIELD, NEW JERSEY 07061 U.S.A.	
.XX & .XXX ANGLES & .XXX	MIC 106-70		
MATERIAL	CHK'D BY	PW BOARD ASSEMBLY, KEY BOARD INTERFACE	
	MIC 9-25-73		
HEAT TREATMENT	APPROVED BY	SCALE: 2 SHEET 1 OF 1 D 2551 3383	
SURFACE TREATMENT	MIC 7/18		
<small>PROPRIETARY TO BURROUGHS CORPORATION-NOT TO BE REPRODUCED, AND USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR FROM WRITTEN CONSENT.</small>			

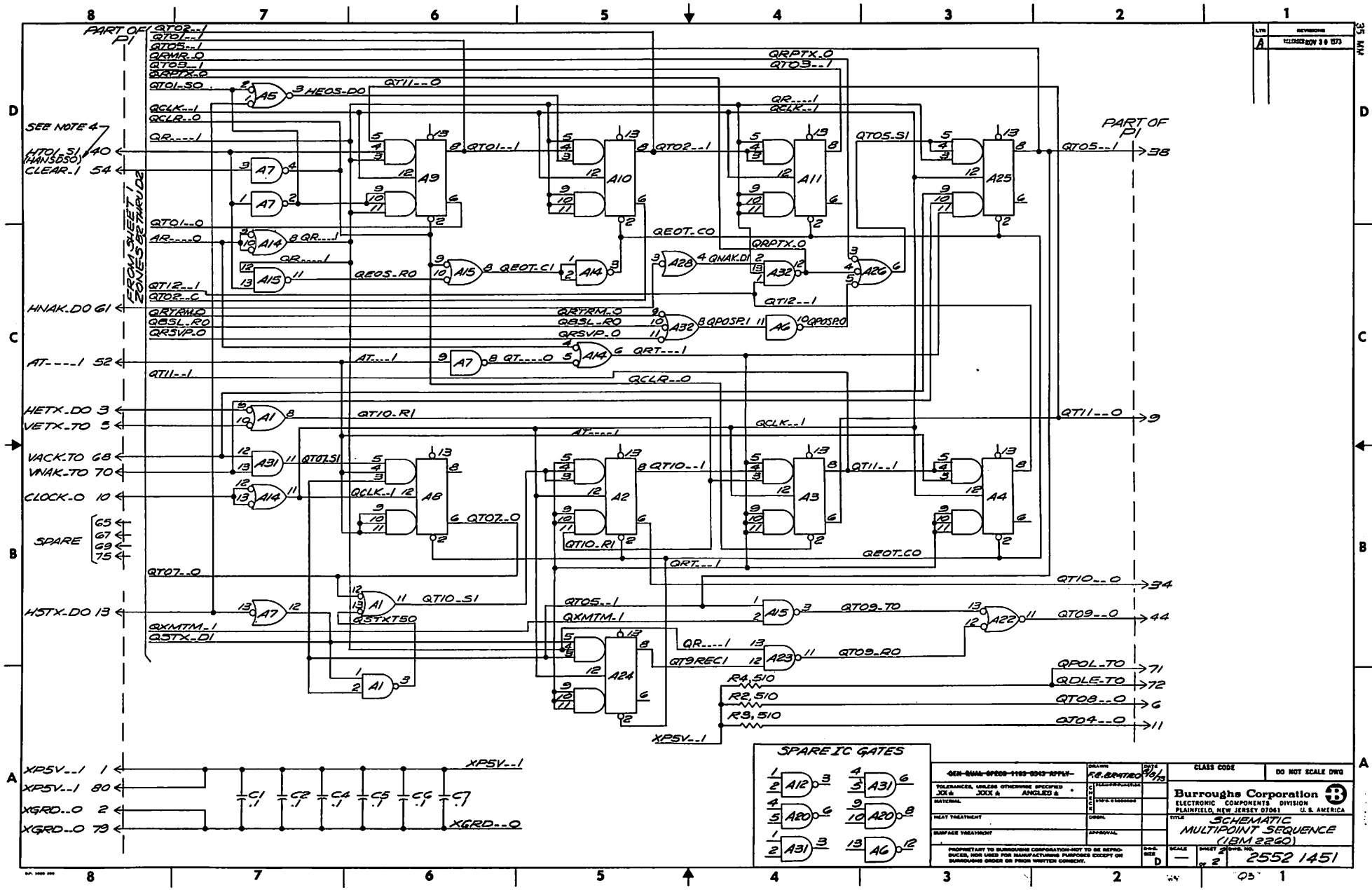


REV	REVISION
	BSR 10565
A	CONTROL CHANGE
	A.F. MRE
	1-28-78 9-9-78
	EST 10575
B	RELOCKED C6 & ADDED C7
	A.F. MRE
	3-9-78 8-18-78
C	ADD BM 11 873
	REVISED
	CLASSIFIED
D	NO. 37
	8-6-75 2-15-75
	ECN # 4488
E	1) MRS. 550
	2) MRS. 310
	AWY 37
	10-28-78 12-12-78
	ECN # 4531
F	CONTROL CHANGE
	A.F. MRE
	1-18-78 3-20-74

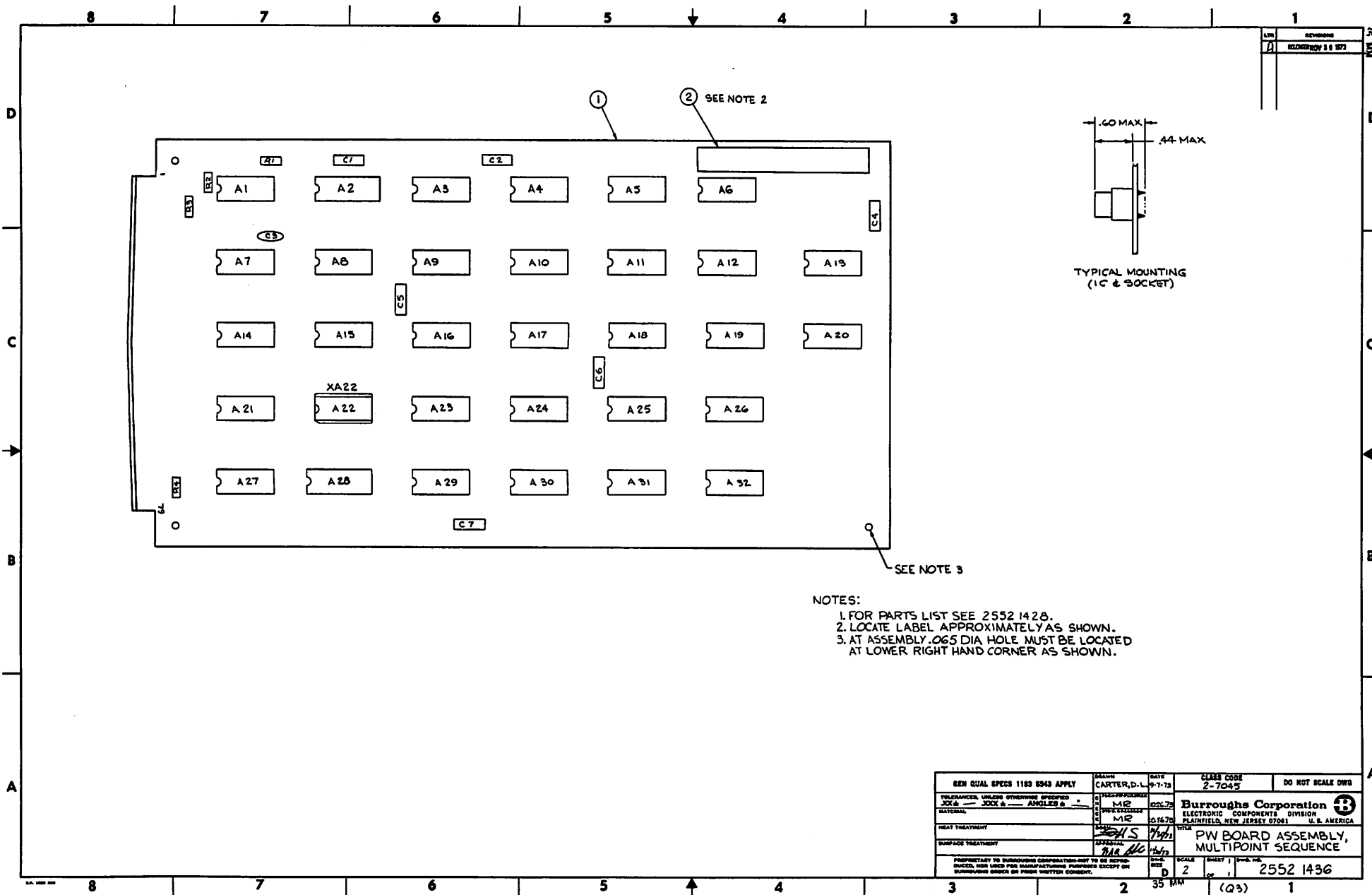
- NOTES:
1. FOR PARTS LIST SEE 1699 7942.
 2. LOCATE LABEL APPROXIMATELY AS SHOWN.
 3. PIN 4 OF A15 MUST BE BENT OUT, PRIOR TO ASSEMBLY, AND NOT INSERTED IN SOCKET.
 4. AT ASSY .063 DIA HOLE MUST BE LOCATED AT LOWER RIGHT HAND CORNER AS SHOWN.

GEN QUAL SPECS 1183 8343 APPLY	DESIGNER J. RYAN	DATE 11-28-72	CLASS CODE 2-7045	DO NOT SCALE DWG
TOLERANCES UNLESS OTHERWISE SPECIFIED DIM & ———— SOCK & ———— ANGLES & ————	INSPECTOR J. J. [Signature]	DATE 1-9-73	Burroughs Corporation ELECTRONIC COMPONENTS DIVISION PLAINFIELD, NEW JERSEY 07061 U. S. AMERICA	
MATERIAL	MFR MIL	DATE 3/1/73	TITLE PW BOARD ASSEMBLY, MULTIPOINT SEQUENCE	
HEAT TREATMENT	DATE 7/1/73	DATE 3/6/73	SCALE D .2	
SURFACE TREATMENT	PROPERTY TO BURROUGHS CORPORATION-NOT TO BE REPRODUCED, NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN COMMENT.			
	SCALE D .2	SHEET 1	1699 7934	

1699 7934



GEN-QUAL-SPD-1183-2243-27PM-	DRWEN	RE-DRYTED	10/78	CLASS CODE	DO NOT SCALE DWG
TOLERANCES UNLESS OTHERWISE SPECIFIED XXX &	APPROVED	ANGLED &		Burroughs Corporation	
MATERIAL	DATE	TESTED		ELECTRONIC COMPONENTS DIVISION PLAINFIELD, NEW JERSEY 07061 U. S. AMERICA	
HEAT TREATMENT	DRWEN	APPROVAL		TITLE SCHEMATIC MULTIPOINT SEQUENCE (IBM 2260)	
SURFACE TREATMENT				SCALE SHEET 2505 B 2 2552 1451	
<small>PROPERTY TO BURROUGHS CORPORATION-NOT TO BE REPRODUCED, NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON PURCHASE ORDER OR PRIOR WRITTEN CONSENT.</small>					



(Q4)

Burroughs Corporation 
 ELECTRONIC COMPONENTS DIVISION
 PLAINFIELD, NEW JERSEY 07061 U. S. AMERICA

DWG. NO. 2553 0536
 DATE 5-9-74
 SHEET 1 OF 4

TITLE PW BOARD ASSEMBLY, MULTIPPOINT SEQUENCE (INTERIM)

REVISION		STATUS OF SHEETS																DESCRIPTION	DRAFTSMAN	CHECKER	
LTR	NUMBER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16				
A		A	A	A	A														RELEASED MAY 10 1974		

Design Modification Changes Shall Not Be Made To This
 Drawing. The Printed Wiring Board Assembly Herein Described
 Will Be Superseded By 2553 0650 Rev A.

CLASS CODE
 2-7045

35 MM

Burroughs Corporation



ELECTRONIC COMPONENTS DIVISION
PLAINFIELD, NEW JERSEY 07061 U. S. AMERICA

SHEET 2 OF 4	DWS NO. 2553 0536		REV A
CLASS CODE 2-7045	TITLE PW BOARD ASSEMBLY, MULTIPOINT SEQUENCE (INTERIM)		
DRAWN BY C.T.	CHK STD & REC MR	CHECK F P & F MR	DESIGN [Signature]
DATE 5.9.74	DATE 5.9.74	DATE 5.9.74	DATE 5.9.74

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

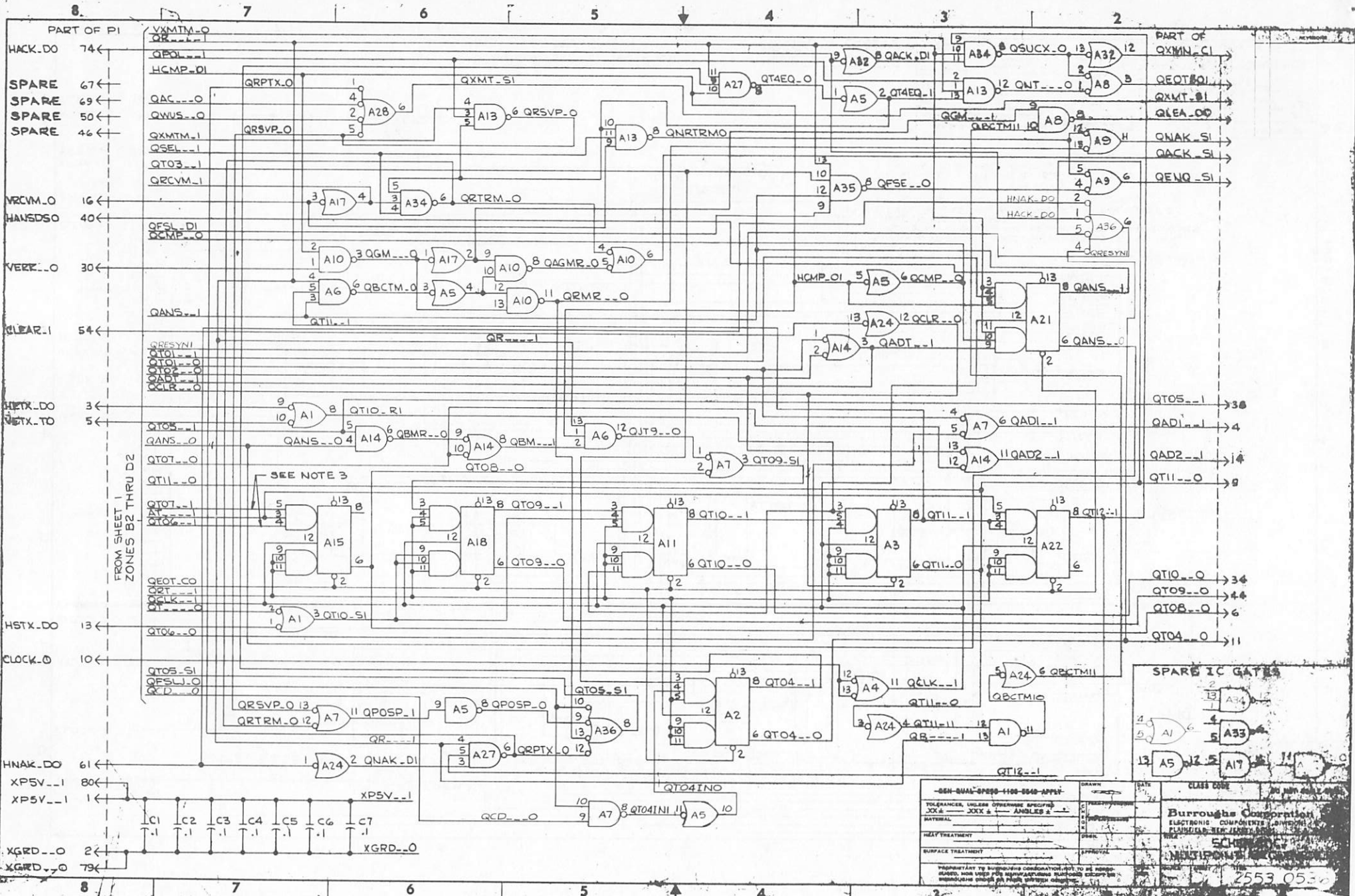
LTR	REVISION
-----	----------

This Assembly is the same as PW Board Assembly , Multipoint Sequence (Q2) 1699 7934 Revision F, Except:

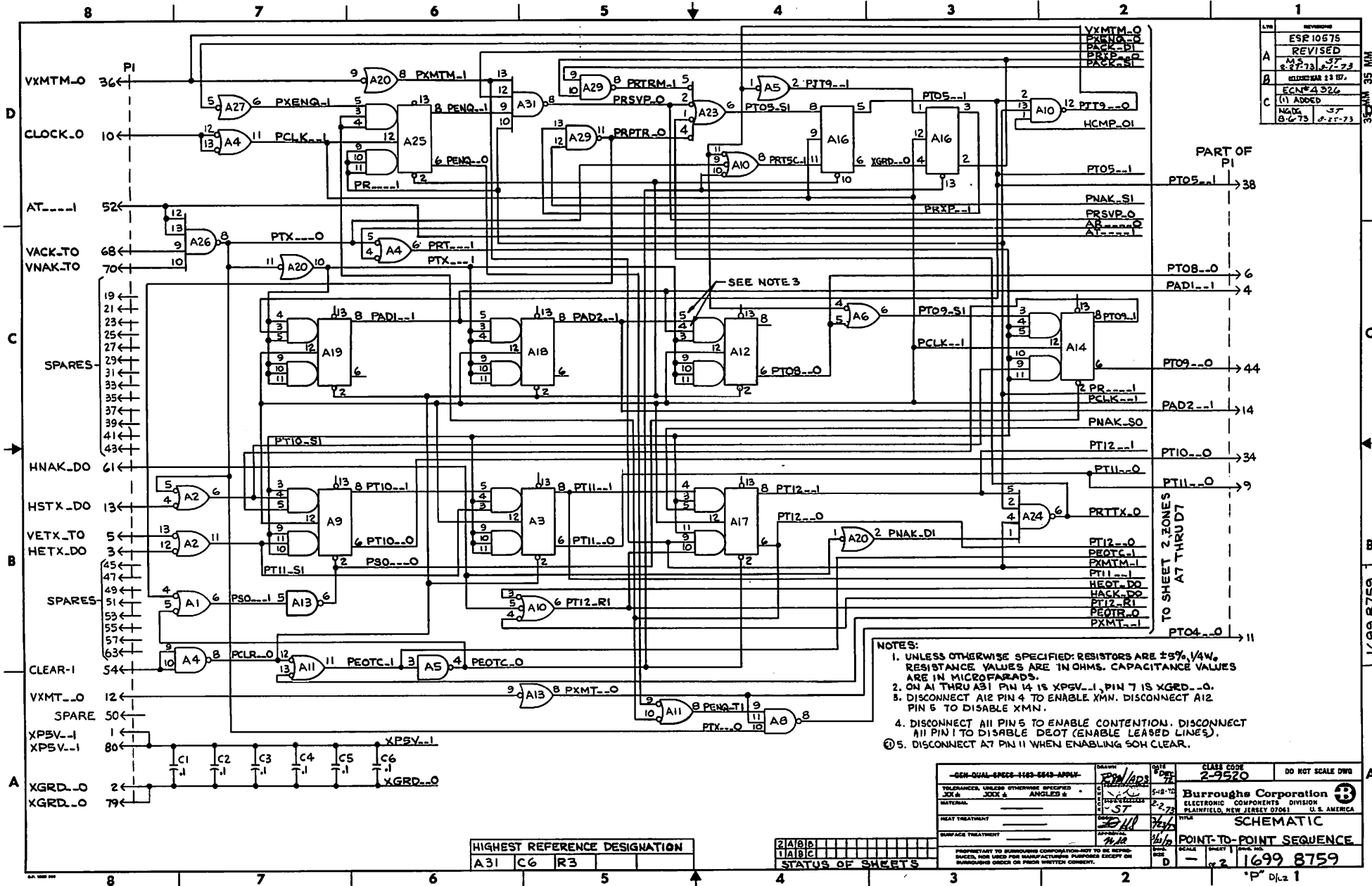
1. Cut Printed Wiring Conductor Runs, On Component Side Of Board, to 1C Pin Locations: A21-2, A30-2, A36-1, A36-2, A36-4 And A36-6.
2. Cut Printed Wiring Conductor Runs, On Solder Side Of Board, To 1C Pin Locations A2-4, A2-5, A21-2, A29-8, A30-2, A31-2, A36-1, And A36-5.
3. Add Jumper Wire 1691 1299;

<u>FROM</u>	<u>TO</u>
A2-4	A5-10
A2-5	A2-10
A2-6	A36-4
A5-11	A7-8
A6-8	A7-10
A7-9	A9-8
A21-2	A22-2
A21-3	A30-4
A21-6	A30-11
A22-2	A30-13
A24-1	A36-2
A24-12	A29-2
A29-2	A37-10
A29-3	A36-5
A30-2	A31-2
A32-9	A36-1
A33-1	A36-6
A33-2	A34-10

Feed Thru Hole Directly Below, But Cut Away From A36-6 (To Finger Contact 78)



-GEN-DUAL-SPR-1100-8840-APPLY-		DATE	CLASS CODE	BY
TOLERANCES, UNLESS OTHERWISE SPECIFIED: XXX ± .0005 ANGLES ± .1	CHECKED			
NATURAL	DRAWN			
HEAT TREATMENT	DESIGN			
SURFACE TREATMENT	APPROVAL			
PROPERTY TO BURGESS CORPORATION NOT TO BE REPRODUCED, HOW EVER FOR REPRODUCTION PURPOSES WITHOUT PERMISSION GRANTED BY BURGESS CORPORATION.				
Burroughs Corporation ELECTRONIC COMPONENTS DIVISION PLANNING DEPARTMENT		ECH		
MULTIPONS		2553 053		



REVISED	ESF 10675
REVISION	REVISED
DATE	M.S. 37
BY	2-27-73
APPROVED	ECN# 4326
REASON	(1) ADDED
DATE	8-6-73
BY	6-21-73

- NOTES:
1. UNLESS OTHERWISE SPECIFIED: RESISTORS ARE $\pm 5\%$, $1/4W$, RESISTANCE VALUES ARE IN OHMS. CAPACITANCE VALUES ARE IN MICROFARADS.
 2. ON A1 THRU A31 PIN 14 IS XPSV_---, PIN 7 IS XGRD_---.
 3. DISCONNECT A12 PIN 4 TO ENABLE XMN. DISCONNECT A12 PIN 5 TO DISABLE XMN.
 4. DISCONNECT ALL PIN 5 TO ENABLE CONTENTION. DISCONNECT ALL PIN 1 TO DISABLE DEOT (ENABLE LEASED LINES).
 5. DISCONNECT AT PIN 11 WHEN ENABLING SOH CLEAR.

GEN-QUAL-SPEC-1163-6643-APPLY	DRAWN	DATE	CLASS CODE	DO NOT SCALE DWG
TOLERANCES, UNLESS OTHERWISE SPECIFIED	BY	5-12-72	2-9520	
FRACTIONS	CHKD			
DECIMALS	BY	2-27-73		
HEAT TREATMENT	BY			
SURFACE TREATMENT	BY			
Burrhoughs Corporation			ELECTRONIC COMPONENTS DIVISION	
PLAINFIELD, NEW JERSEY 07061			U.S. AMERICA	
TITLE			SCHEMATIC	
SCALE			POINT-TO-POINT SEQUENCE	
SHEET			1699 8759	

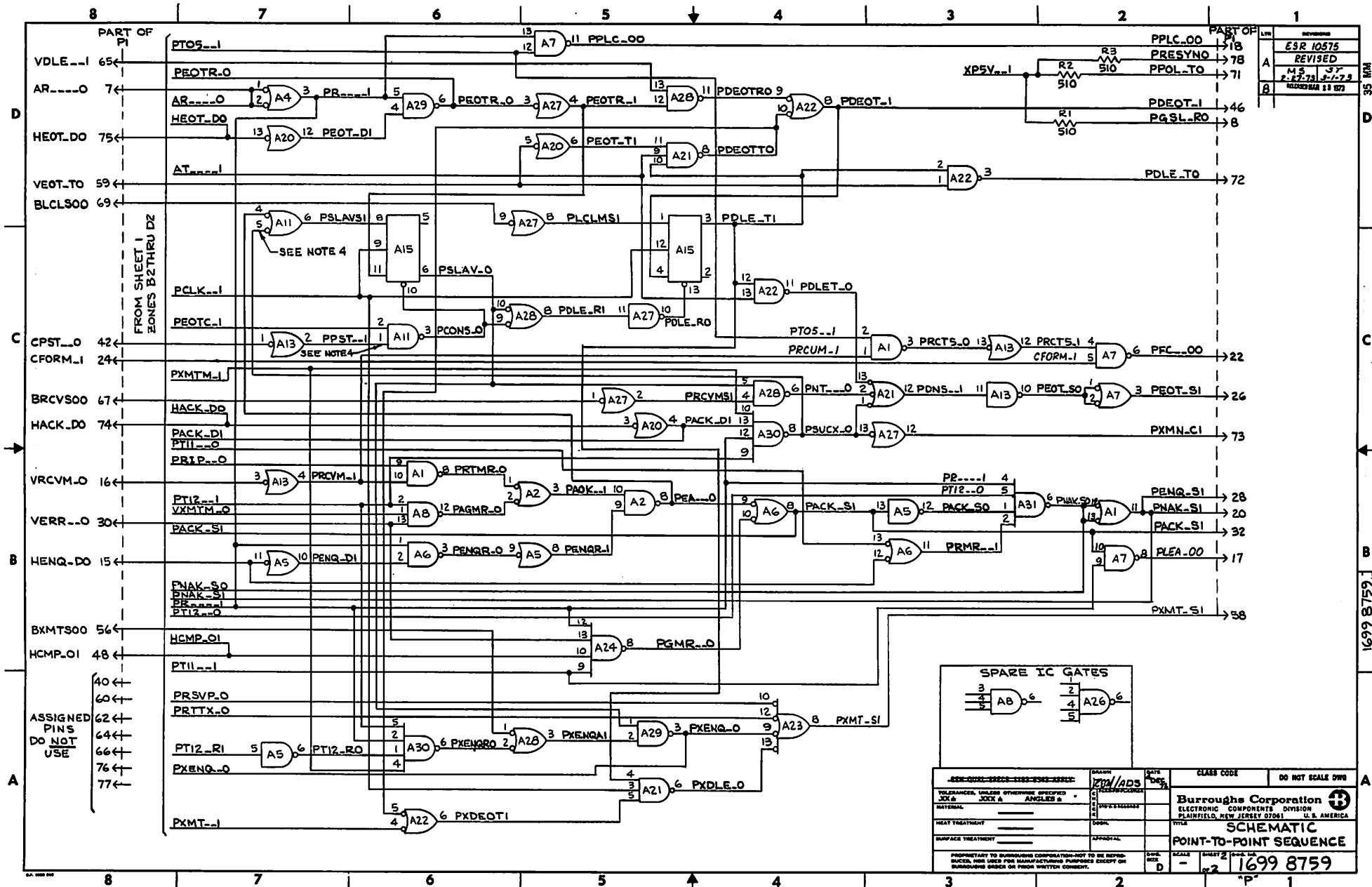
HIGHEST REFERENCE DESIGNATION
A31 C6 R3

STATUS OF SHEETS
2 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

30 JAN 35 MM

B 1699 8759

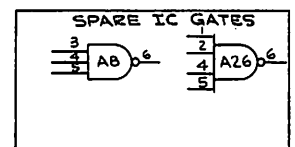
P D:k 1



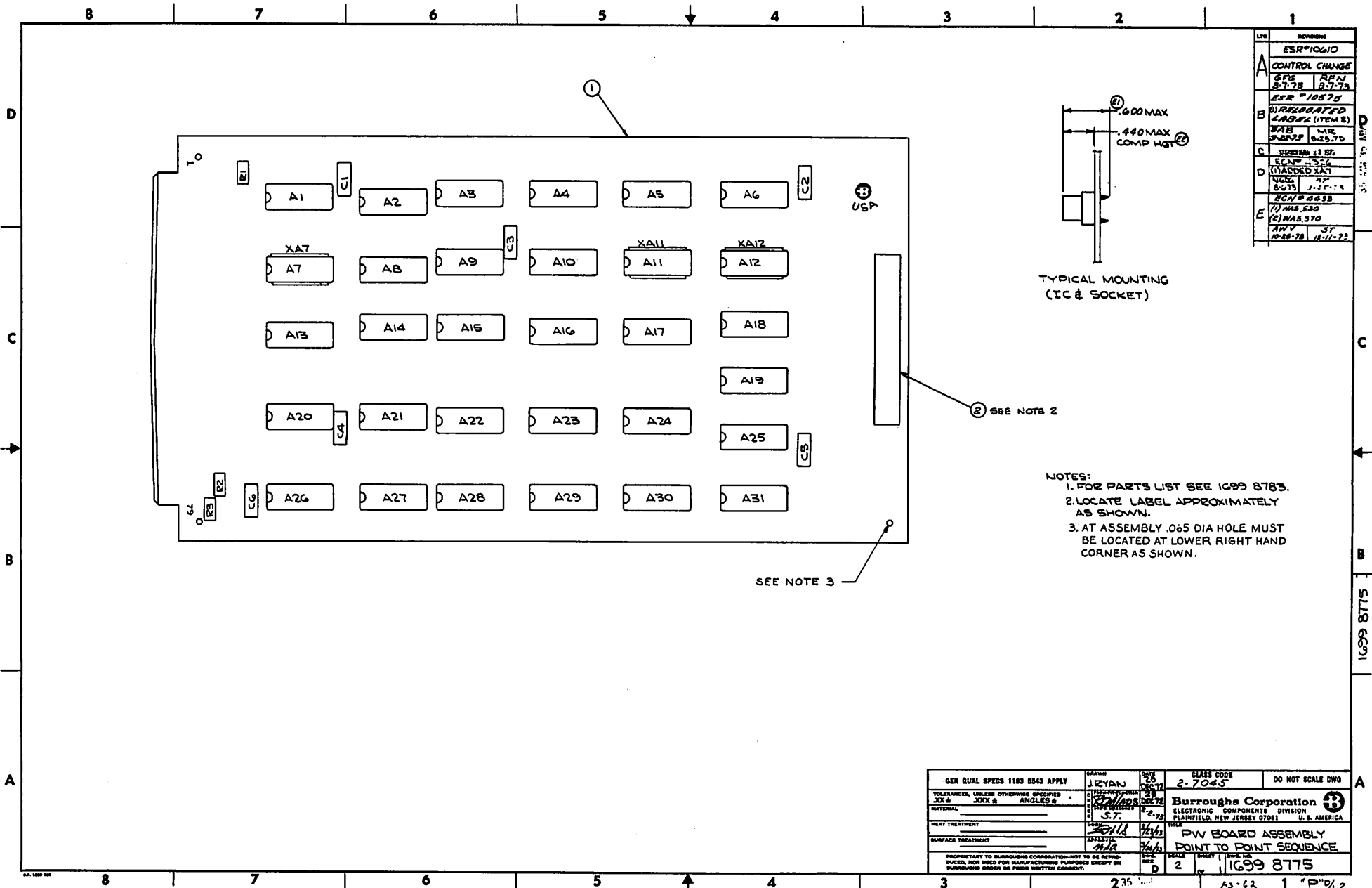
REVISED	DATE
ESR 10575	10/65
REVISED	
M.S. 37	
P. 17278 37-27.9	
REVISION 1 3 872	

35 MM

1699 8759



DESIGNER	J.M./ADS	DATE	10/65	CLASS CODE		DO NOT SCALE DIMS
TOLERANCES, UNLESS OTHERWISE SPECIFIED	ANGLES 45°					
MATERIAL						
HEAT TREATMENT						
SURFACE TREATMENT						
Burroughs Corporation ELECTRONIC COMPONENTS DIVISION PLAINFIELD, NEW JERSEY 07061 U.S.A.			TITLE SCHEMATIC POINT-TO-POINT SEQUENCE			
PROPRIETARY TO BURROUGHS CORPORATION-NOT TO BE REPRODUCED, USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT.	SCALE	SHEET	2	NO. IN	1699 8759	



REV	REVISIONS
	ESR #10610
A	CONTROL CHANGE
	DESIGN BY: 8-7-75
	APP'D BY: 8-7-75
	ESR #10575
B	RELOCATED LABEL (ITEM 8)
	DESIGN BY: 8-25-75
	APP'D BY: 8-25-75
C	REVISION 1.3 BY:
	ESR # 10575
D	(UNDELETED)
	DESIGN BY: 8-25-75
	APP'D BY: 8-25-75
E	ESR # 10575
	DESIGN BY: 8-25-75
	APP'D BY: 8-25-75

TYPICAL MOUNTING (IC & SOCKET)

- NOTES:
1. FOR PARTS LIST SEE 1099 8783.
 2. LOCATE LABEL APPROXIMATELY AS SHOWN.
 3. AT ASSEMBLY .065 DIA HOLE MUST BE LOCATED AT LOWER RIGHT HAND CORNER AS SHOWN.

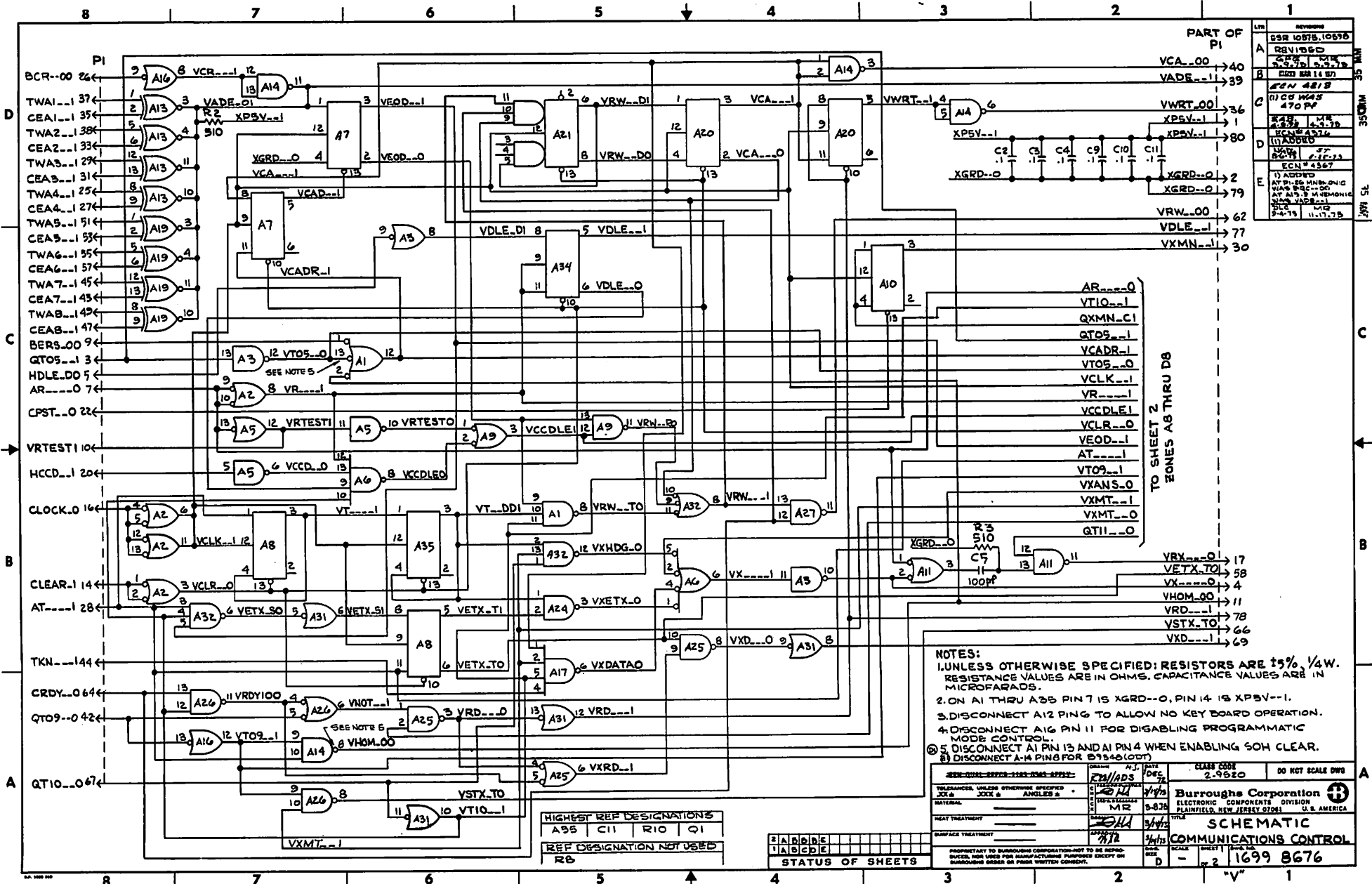
GEN QUAL SPECS 1183 5543 APPLY		DESIGNER: J. RYAN	DATE: 8/28/75	CLIENT CODE: 2-7043	DO NOT SCALE DWG
TOLERANCES UNLESS OTHERWISE SPECIFIED	ANGLES 45°	DATE: 8/28/75	DATE: 8/28/75	Burroughs Corporation	
MATERIAL:	5.7	DATE: 8/28/75	DATE: 8/28/75	ELECTRONIC COMPONENTS DIVISION	
HEAT TREATMENT:		DATE: 8/28/75	DATE: 8/28/75	PLAINFIELD, NEW JERSEY 07051 U.S. AMERICA	
SURFACE TREATMENT:		DATE: 8/28/75	DATE: 8/28/75	PW BOARD ASSEMBLY	
PROPRIETARY TO BURROUGHS CORPORATION-NOT TO BE REPRODUCED, NOT USED FOR MANUFACTURING PURPOSES EXCEPT BY BURROUGHS ORDER OR PRIOR WRITTEN COMMENT.		SCALE: 2	SHEET: 2	POINT TO POINT SEQUENCE	
		DATE: 8/28/75	DATE: 8/28/75	1099 8775	

35. 1099 8775

1099 8775

A

235 1099 8775 1 P/2



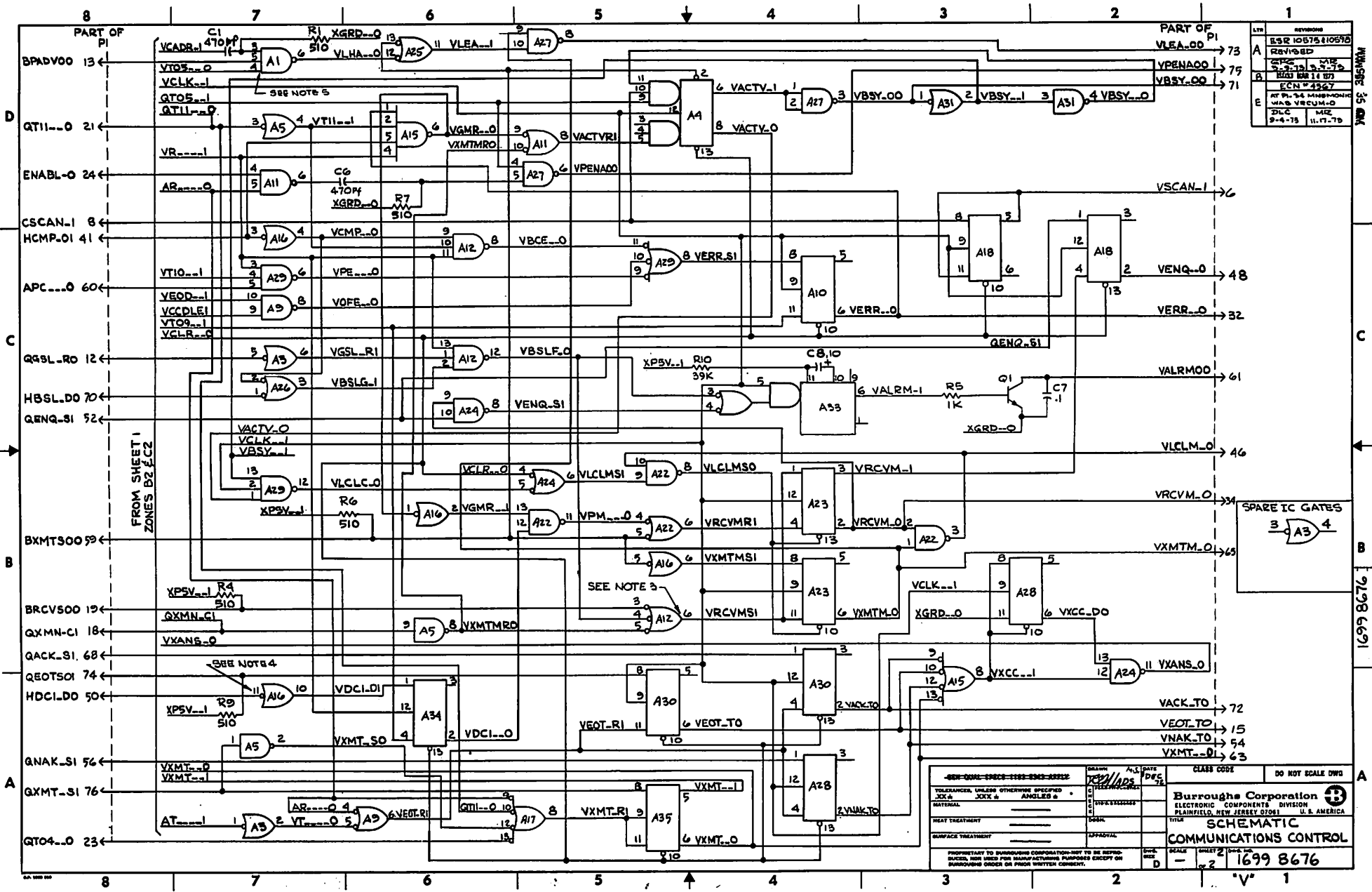
REV	DESCRIPTION
1	ISSUED 10/18/65
2	REVISED 10/18/65
3	REVISED 10/18/65
4	REVISED 10/18/65
5	REVISED 10/18/65
6	REVISED 10/18/65
7	REVISED 10/18/65
8	REVISED 10/18/65
9	REVISED 10/18/65
10	REVISED 10/18/65
11	REVISED 10/18/65
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15	REVISED 10/18/65
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30	REVISED 10/18/65
31	REVISED 10/18/65
32	REVISED 10/18/65
33	REVISED 10/18/65
34	REVISED 10/18/65
35	REVISED 10/18/65

- NOTES:
- UNLESS OTHERWISE SPECIFIED: RESISTORS ARE 15% 1/4W. RESISTANCE VALUES ARE IN OHMS. CAPACITANCE VALUES ARE IN MICROFARADS.
 - ON AI THRU A35 PIN 7 IS XGRD-0, PIN 14 IS XPSV-1.
 - DISCONNECT A12 PIN 12 TO ALLOW NO KEY BOARD OPERATION.
 - DISCONNECT A16 PIN 11 FOR DISABLING PROGRAMMATIC MODE CONTROL.
 - DISCONNECT AI PIN 13 AND AI PIN 4 WHEN ENABLING SOH CLEAR.
 - DISCONNECT A-4 PIN 8 FOR 07548-1007.

HIGHEST REF DESIGNATIONS			
A35	C11	R10	Q1
REF DESIGNATION NOT USED			
R6			

STATUS OF SHEETS	
A	1
B	1
C	1
D	1
E	1
F	1
G	1
H	1
I	1
J	1
K	1
L	1
M	1
N	1
O	1
P	1
Q	1
R	1
S	1
T	1
U	1
V	1
W	1
X	1
Y	1
Z	1

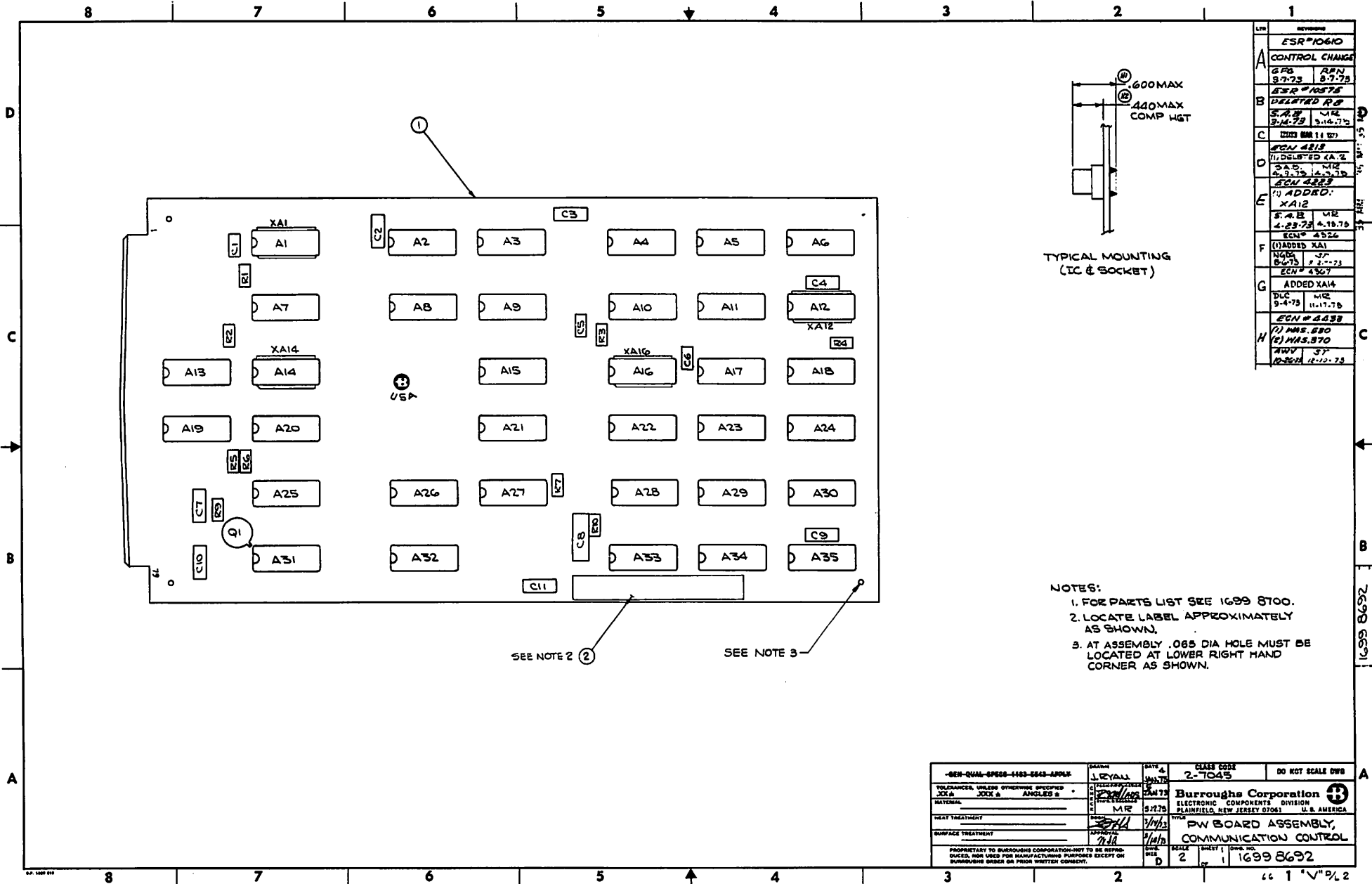
DATE	BY	CLASS CODE	DO NOT SCALE DWG
10/18/65	DES	2-9520	
Burroughs Corporation ELECTRONIC COMPONENTS DIVISION PLAINFIELD, NEW JERSEY 07041 U.S.A.			
SCHEMATIC COMMUNICATIONS CONTROL			
PROPRIETARY TO BURROUGHS CORPORATION-NOT TO BE REPRODUCED, COPIED, OR USED FOR MANUFACTURING PURPOSES EXCEPT BY BURROUGHS ORDER OR PRIOR WRITTEN CONSENT.	SCALE	SHEET	1699 8676

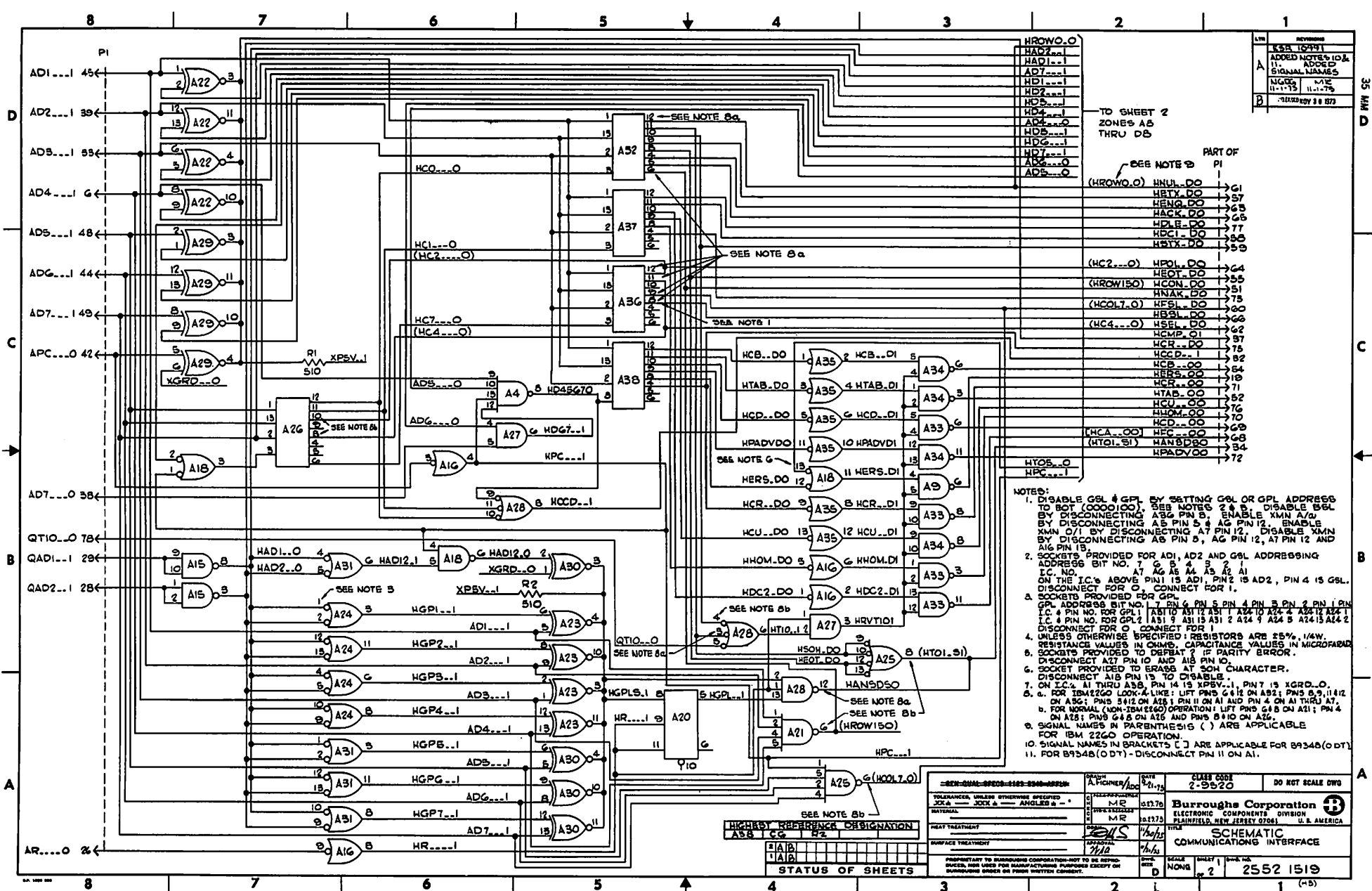


REV	REVISION
A	BSR 10B75 10690
B	REVISED
C	REVISED
D	REVISED
E	REVISED

-SHEET-1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100-101-102-103-104-105-106-107-108-109-110-111-112-113-114-115-116-117-118-119-120-121-122-123-124-125-126-127-128-129-130-131-132-133-134-135-136-137-138-139-140-141-142-143-144-145-146-147-148-149-150-151-152-153-154-155-156-157-158-159-160-161-162-163-164-165-166-167-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-340-341-342-343-344-345-346-347-348-349-350-351-352-353-354-355-356-357-358-359-360-361-362-363-364-365-366-367-368-369-370-371-372-373-374-375-376-377-378-379-380-381-382-383-384-385-386-387-388-389-390-391-392-393-394-395-396-397-398-399-400-401-402-403-404-405-406-407-408-409-410-411-412-413-414-415-416-417-418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500-501-502-503-504-505-506-507-508-509-510-511-512-513-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-986-987-988-989-990-991-992-993-994-995-996-997-998-999-1000	DRAWN BY: YCN/aps DATE: 11-17-75 CLASS CODE: 1699 B676 DO NOT SCALE DWG
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MANAGER: J5 BMB
1699 B676





REV	DESCRIPTION
1	ADD'G SIGNAL NAMES
2	ADD'G SIGNAL NAMES
3	ADD'G SIGNAL NAMES
4	ADD'G SIGNAL NAMES
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47	ADD'G SIGNAL NAMES
48	ADD'G SIGNAL NAMES
49	ADD'G SIGNAL NAMES
50	ADD'G SIGNAL NAMES

TO SHEET 2
ZONES A-B
THRU D-B

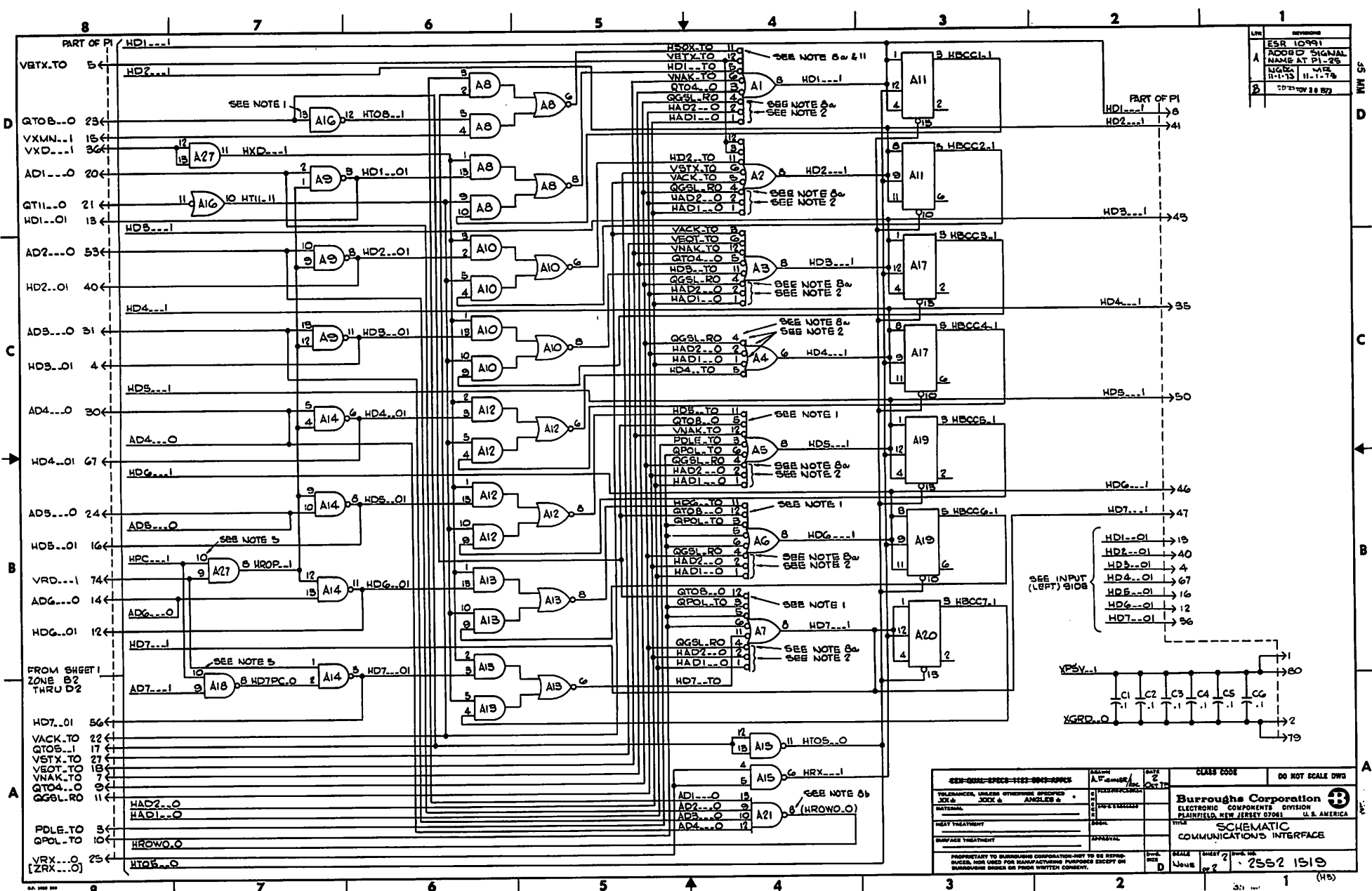
SEE NOTE 8

PART OF
PI

(HROWO.O) HNU...DO	→ G1
HBTX...DO	→ 57
HENG...DO	→ 65
HACK...DO	→ 66
HDLR...DO	→ 77
HCL...DO	→ 80
HRTX...DO	→ 89
(HC2...O) HPOL...DO	→ 64
HEOT...DO	→ 65
(HROWISO) HCON...DO	→ 65
HNAK...DO	→ 75
(HCOL7.O) HFB...DO	→ 60
HRBL...DO	→ 66
(HC4...O) HSEL...DO	→ 62
HCLP...O	→ 57
HCH...DO	→ 78
HCCD...I	→ 82
HCB...DO	→ 84
HRS...DO	→ 18
HCR...DO	→ 71
HTAB...DO	→ 52
HCU...DO	→ 76
HHOM...DO	→ 70
HCD...DO	→ 70
(HCA...O) HEC...DO	→ 69
(HTO1.SI) HANBDSO	→ 68
HPADV...DO	→ 34
HTOS...O	→ 72
HPC...I	→ 72

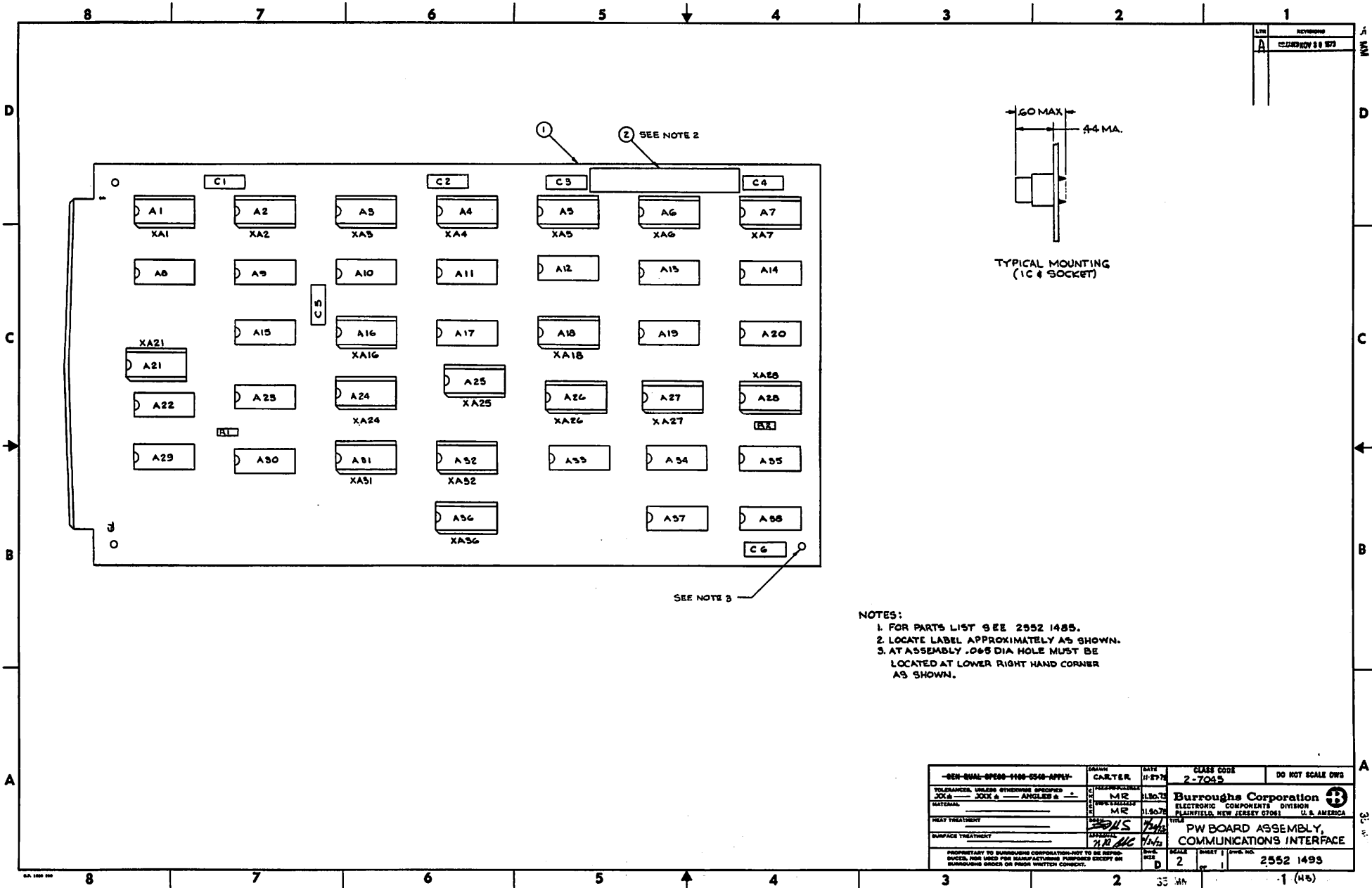
- NOTES:
- DISABLE GEL & GPL BY SETTING GEL OR GPL ADDRESS TO BOT (000000). SEE NOTES 2 & 5. DISABLE SBL BY DISCONNECTING A36 PIN 5. ENABLE XMN A/G BY DISCONNECTING A3 PIN 5 & AG PIN 12. ENABLE XMN O/I BY DISCONNECTING AT PIN 12. DISABLE XMN BY DISCONNECTING A3 PIN 5, AG PIN 12, AT PIN 12 AND AIG PIN 15.
 - SOCKETS PROVIDED FOR AD1, AD2 AND G6L ADDRESSING ADDRESS BIT NO. 1, 7, 8, 9, 10, 11, 12, 13, 14, 15 ON THE I.C.'S ABOVE: PIN 15 AD1, PIN 2 15 AD2, PIN 4 15 G6L. DISCONNECT FOR 0, CONNECT FOR 1.
 - SOCKETS PROVIDED FOR GPL: PIN 4, PIN 5, PIN 4 PIN 3, PIN 2 PIN 1, PIN 1 PIN 4, PIN NO. FOR GPL 1: A31 9, A31 15, A31 2, A24 9, A24 13, A24 1, I.C. & PIN NO. FOR GPL 2: A31 9, A31 15, A31 2, A24 9, A24 13, A24 1. DISCONNECT FOR 0, CONNECT FOR 1.
 - UNLESS OTHERWISE SPECIFIED, RESISTORS ARE 25%, 1/4W. RESISTANCE VALUES IN OHMS, CAPACITANCE VALUES IN MICROFARAD.
 - SOCKETS PROVIDED TO DEBATE ? IF PARITY ERROR.
 - DISCONNECT A27 PIN 10 AND A18 PIN 10.
 - SOCKET PROVIDED TO ERASE AT 504 CHARACTER. DISCONNECT A18 PIN 13 TO DISABLE.
 - ON I.C. 4 A1 THRU A36, PIN 14 IS XPSV...1, PIN 1 IS XGRD...O.
 - a. FOR IBM2260 LOOK-4-LIKE: LIFT PINS 6 & 8 ON A31; PINS 5, 9, 11 & 12 ON A30; PINS 5 & 12 ON A26; PINS 11 ON A1 AND PIN 4 ON A2; PIN 4 ON A28; PINS 6 & 8 ON A26 AND PINS 8 & 10 ON A26.
 - SIGNAL NAMES IN PARENTHESES () ARE APPLICABLE FOR IBM 2260 OPERATION.
 - SIGNAL NAMES IN BRACKETS [] ARE APPLICABLE FOR B9348(ODT).
 - FOR B9348(ODT) - DISCONNECT PIN 11 ON A1.

DESIGN	A. FICHER/Doc	DATE	4-21-72	CLASS CODE	2-9520	DO NOT SCALE DWG
TOLERANCES, UNLESS OTHERWISE SPECIFIED	DECIMALS	FRAC	1/16	DATE	03-17-76	Baroughs Corporation ELECTRONIC COMPONENTS DIVISION PLAINFIELD, NEW JERSEY 07061 U.S.A.
ANGLES	30°	45°	60°	DATE	10-17-75	
MATERIAL	MIR	DATE	10-17-75	TITLE	SCHEMATIC COMMUNICATIONS INTERFACE	
HEAT TREATMENT		DATE		SCALE	NONE	
SURFACE TREATMENT		DATE		SHEET	2	
STATUS OF SHEETS		DATE		ISSUE NO.	2552 1519	



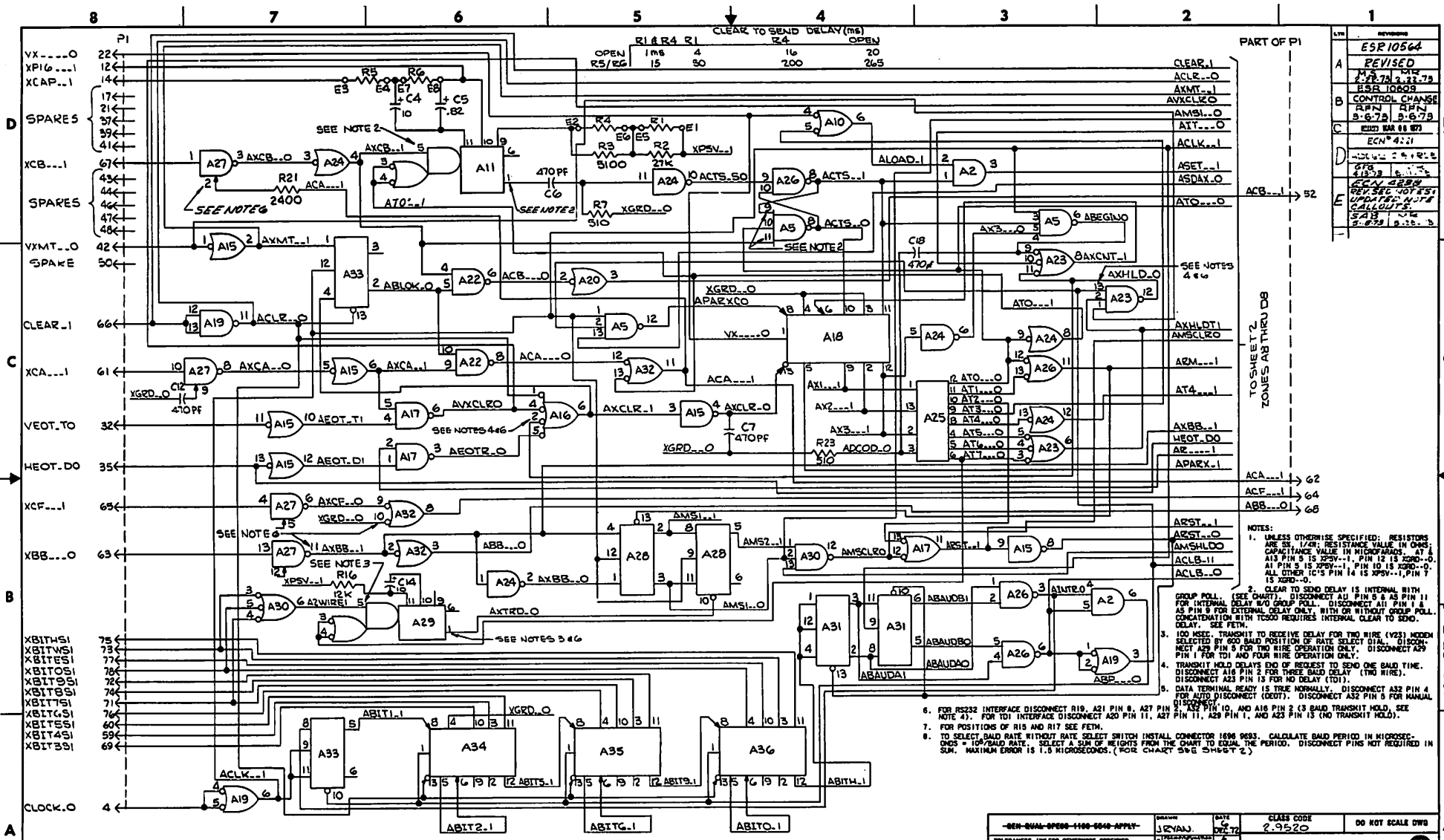
REV	DESCRIPTION
1	ESR 10901 ADD'D SIGNAL NAME AT PL-25
2	NGRA JLR 11-1-75 11-1-75
3	CP210V 3 87

SEE SPEC-SPEC-112-004-0000		DATE	SHEET	CLASS CODE	DO NOT SCALE DWG
DESIGNED BY	CHK'D BY	11/1/75	2		
DRAWN BY	APP'D BY				
MATERIAL	DATE				
HEAT TREATMENT	FINISH				
SURFACE TREATMENT	APPROVAL				
PROPRIETARY TO BURROUGHS CORPORATION-NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR FROM BURROUGHS COMPANY.					
Burroughs Corporation ELECTRONIC COMPONENTS DIVISION PLAINFIELD, NEW JERSEY 07061 U.S.A. AMERICA			TITLE SCHEMATIC INTERFACE		
SCALE		SHEET NO.		REV.	
None		2		1519	



- NOTES:
1. FOR PARTS LIST SEE 2552 1485.
 2. LOCATE LABEL APPROXIMATELY AS SHOWN.
 3. AT ASSEMBLY .065 DIA HOLE MUST BE LOCATED AT LOWER RIGHT HAND CORNER AS SHOWN.

-GEN-DUAL-SPECS-1100-0540-APPLY-		DESIGN CARL E. R.	DATE 11-27-73	CLASS CODE 2-7043	DO NOT SCALE DWS
TOLERANCES, UNLESS OTHERWISE SPECIFIED: X.XX ± .005 X.X ± .005 X ± .005	FINISHES, UNLESS OTHERWISE SPECIFIED: X.XX ± .005 X.X ± .005 X ± .005	C. PREPARED BY M.R.	C. CHECKED BY M.R.	Burroughs Corporation ELECTRONIC COMPONENTS DIVISION PLAINFIELD, NEW JERSEY 07061 U.S.A.	
MATERIAL	REVISIONS	DATE	BY	TITLE PW BOARD ASSEMBLY, COMMUNICATIONS INTERFACE	
HEAT TREATMENT	1	11/27/73	ME	SCALE: 1:1	
SURFACE TREATMENT	2	11/27/73	ME	SHEET 2 OF 1	
PROPERTY OF BURROUGHS CORPORATION - NOT TO BE REPRODUCED, FOR USE IN MANUFACTURING PURPOSES WITHOUT THE WRITTEN CONSENT OF BURROUGHS CORPORATION.				DWS NO. 2552 1493	

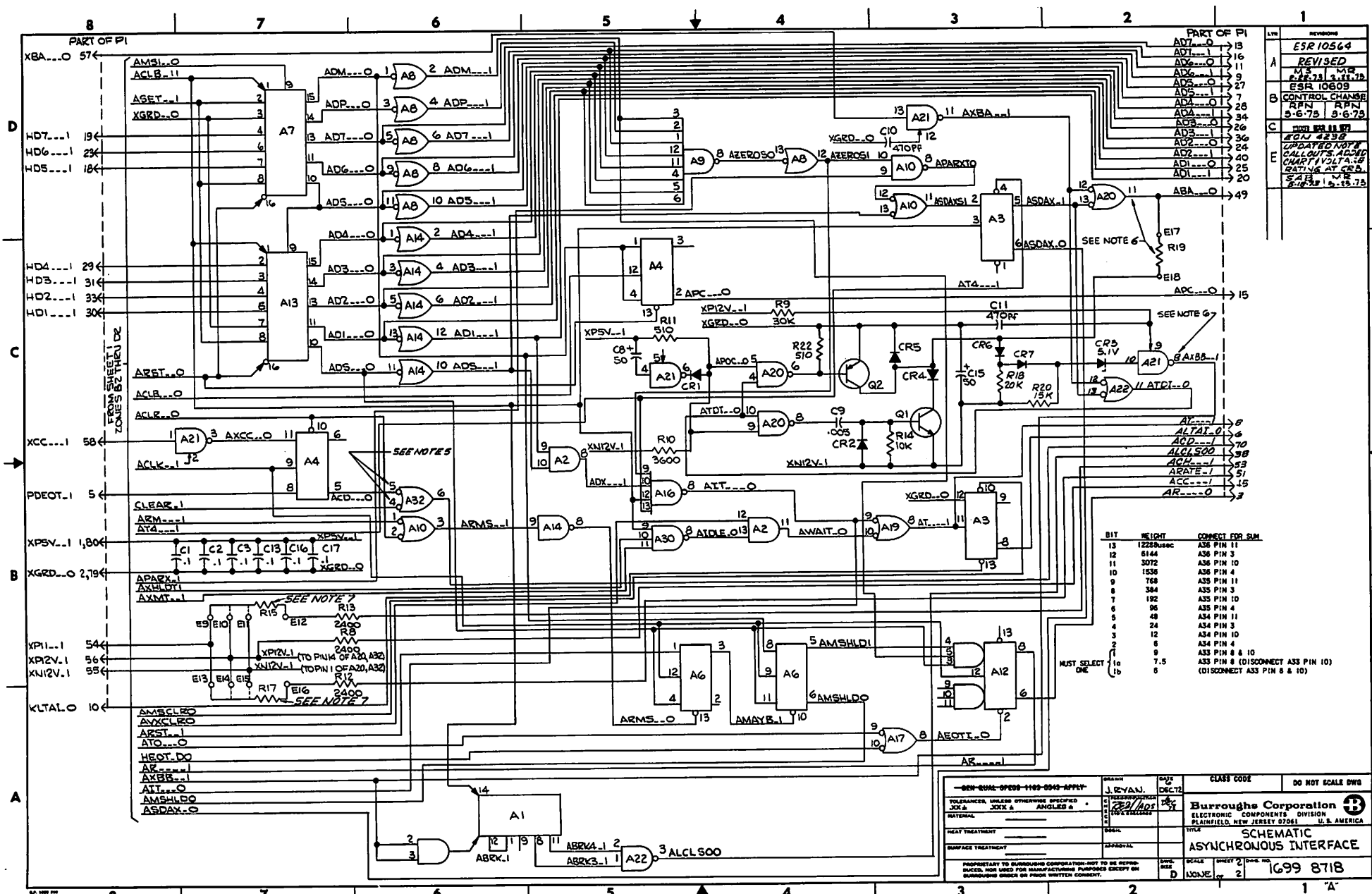


REV	REVISIONS
1	ESP 10564
A	REVISED M. J. 7/23/73 2:22-73
B	CONTROL CHANGE RPN 1 5/11/73 5-6-73 5-6-73
C	REVISION 01 07/73 ECN# 421
D	REVISION 02 09/73 5/12/73 10/1/73
E	REVISION 03 11/73 UPDATES NITE CALCULATIONS 5/18/73 5/18/73

- NOTES:
- UNLESS OTHERWISE SPECIFIED: RESISTORS ARE 5%, 1/4W; RESISTANCE VALUE IN OHMS; CAPACITANCE VALUE IN MICROFARADS. AT 5 A18 PIN 5 IS XPSV-1, PIN 12 IS XGRD-0, AT PIN 9 IS XPSV-1, PIN 10 IS XGRD-0, ALL OTHER 10'S PIN 14 IS XPSV-1, PIN 7 IS XGRD-0.
 - CLEAR TO SEND DELAY IS INTERNAL WITH GROUP POLL. (SEE CHART). DISCONNECT A11 PIN 5 & AS PIN 11 FOR INTERNAL DELAY W/O GROUP POLL. DISCONNECT A11 PIN 11 & AS PIN 8 FOR EXTERNAL DELAY ONLY, WITH OR WITHOUT GROUP POLL. CONVICTION WITH TDDI REQUIRES INTERNAL CLEAR TO SEND DELAY. SEE FETH.
 - 100 MSEC. TRANSMIT TO RECEIVE DELAY FOR TWO WIRE (V23) MODEM SELECTED BY 600 BAUD POSITION OF RATE SELECT SW. DISCONNECT A29 PIN 5 FOR TWO WIRE OPERATION ONLY. DISCONNECT A29 PIN 1 FOR TDI AND FOUR WIRE OPERATION ONLY.
 - TRANSMIT HOLD DELAYS END OF REQUEST TO SEND ONE BAUD TIME. DISCONNECT A16 PIN 2 FOR THREE BAUD DELAY (TWO WIRE). DISCONNECT A23 PIN 18 FOR 40 DELAY (TDI).
 - DATA TERMINAL READY IS TRUE NORMALLY. DISCONNECT A32 PIN 4 FOR AUTO DISCONNECT (DEDT). DISCONNECT A32 PIN 5 FOR MANUAL DISCONNECT.
 - FOR RS232 INTERFACE DISCONNECT R19, A21 PIN 8, A27 PIN 9, A32 PIN 10, AND A16 PIN 2 (3 BAUD TRANSMIT HOLD, SEE NOTE 4). FOR TDI INTERFACE DISCONNECT A20 PIN 11, A27 PIN 11, A29 PIN 1, AND A23 PIN 13 (NO TRANSMIT HOLD).
 - FOR POSITIONS OF R18 AND R17 SEE FETH.
 - TO SELECT BAUD RATE WITHOUT RATE SELECT SWITCH INSTALL CONNECTOR 1696 9635. CALCULATE BAUD PERIOD IN MICROSECONDS = 100/BAUD RATE. SELECT A SUM OF HEIGHTS FROM THE CHART TO EQUAL THE PERIOD. DISCONNECT PINS NOT REQUIRED IN SUM. MAXIMUM ERROR IS 1.8 MICROSECONDS. (FOR CHART 3-66 SHEET 2)

GEN-QUAL-SPEC-1180-5040-APPLY	DRAWN BY: J. VAN...	DATE: 2-25-70	CLASS CODE: 2-9520	DO NOT SCALE DWG
TOLERANCES, UNLESS OTHERWISE SPECIFIED: DIM & ANGLES	APPROVED BY: J. VAN...	DATE: 1-13-75	Burroughs Corporation ELECTRONIC COMPONENTS DIVISION PLAINFIELD, NEW JERSEY 07061 U.S.A.	
MATERIAL:	DESIGNED BY: M. J.	DATE: 3/6/70	TITLE: SCHEMATIC ASYNCHRONOUS INTERFACE	
HEAT TREATMENT:	APPROVED BY: J. VAN...	DATE: 11/7/71	SCALE: SHEET 1 OF 1 D WONE 2 1699 8718	
SURFACE TREATMENT:	PROPRIETARY TO BURROUGHS CORPORATION-NOT TO BE REPRODUCED, FOR USE FOR MANUFACTURING PURPOSES EXCEPT BY BURROUGHS OR UNDER PRIOR WRITTEN CONSENT.			

HIGHEST REFERENCE DESIGNATION	A36 C18 CR7 R23 Q2 E18
STATUS OF SHEETS	2 1 A B C D E



REV	REVISIONS
	ESR 10564
A	REVISED MS. MR. AUG 23 11 11 75 ESR 10609
B	CONTROL CHANGE RPN RPN 5-6-75 8-6-75
C	ADD PIN 11 RPN 4238
E	UPDATED AND CALLOUTS ACCORD CHART 1 VOLTA-IF RATING AT 25°C SERIES 12 5-15-75

BIT	HEIGHT	CONNECT FOR SUM
13	1228µsec	A36 PIN 11
12	8144	A36 PIN 3
11	3072	A36 PIN 10
10	1536	A36 PIN 4
9	768	A35 PIN 11
8	384	A35 PIN 3
7	192	A35 PIN 10
6	96	A35 PIN 4
5	48	A34 PIN 11
4	24	A34 PIN 3
3	12	A34 PIN 10
2	6	A34 PIN 4
1	3	A33 PIN 8 & 10
	7.5	A33 PIN 6 (DISCONNECT A33 PIN 10)
	6	(DISCONNECT A33 PIN 8 & 10)

MUST SELECT DE 10

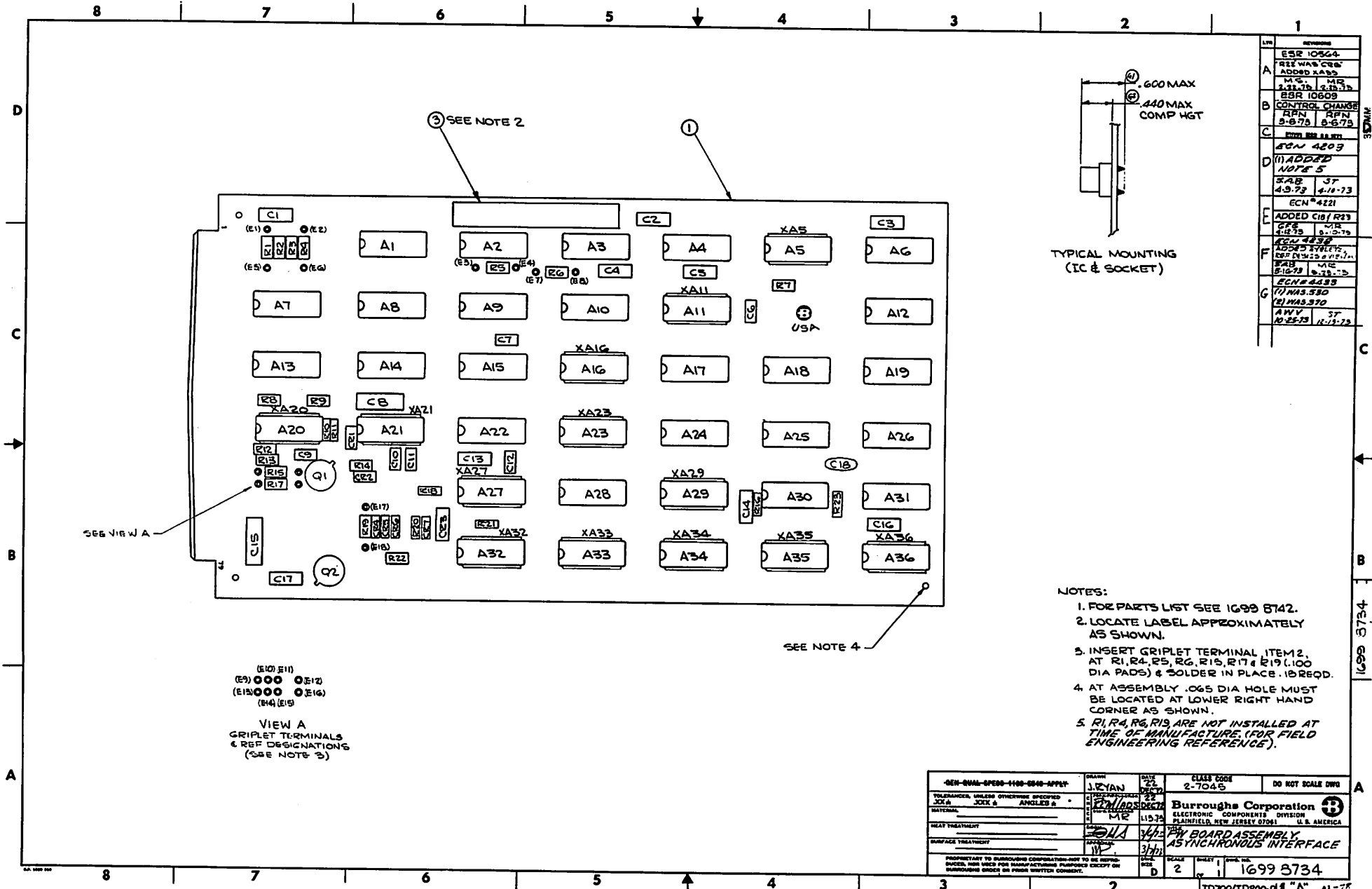
-GEN. EVAL. SPEC. 1109-0549-APPLY		DATE	CLASS CODE	DO NOT SCALE DWS
DRAWN BY J. RYAN.		DEC 72		
TOLERANCES UNLESS OTHERWISE SPECIFIED DIM. ± .005 ANGLES ± .015		DATE		
MATERIAL		DATE		
HEAT TREATMENT		DATE		
SURFACE TREATMENT		DATE		
PROPERTY OF BURROUGHS CORPORATION NOT TO BE REPRODUCED, FOR USE FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT.		SCALE	TITLE	
		1:1	SCHEMATIC	
		DWG. NO.	ASYNCHRONOUS INTERFACE	
		SHEET 2	1699 8718	
		OF 2	1 "A"	

REV. 11/75

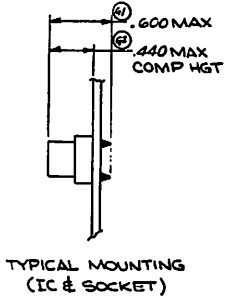
C

B 8118 6691

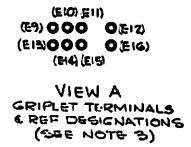
A



REV	DESCRIPTION
A	ESR 10664 FREE WAS C68 ADDED XA35 M.S. M.R. 2-21-73 2-18-73
B	CONTROL CHANGE R14 R15 2-27-73 2-5-73
C	ECN #421 ECN 4209
D	(1) ADDED NOTE 5 SAB ST 4-9-73 4-14-73
E	ECN #421 ADDED C17 R23 SAB ST 4-9-73 4-14-73
F	ECN 4338 10-23-73 REF DESIG & REF. IN SAB ST 11-15-73
G	(1) WAS 530 (2) WAS 570 AWV ST 10-25-73 11-15-73



- NOTES:
1. FOR PARTS LIST SEE 1699 8742.
 2. LOCATE LABEL APPROXIMATELY AS SHOWN.
 3. INSERT GRIPLET TERMINAL ITEM 2, AT R1, R4, R5, R6, R15, R17 & R19 (.100 DIA PADS) & SOLDER IN PLACE. (AS REQD.)
 4. AT ASSEMBLY .065 DIA HOLE MUST BE LOCATED AT LOWER RIGHT HAND CORNER AS SHOWN.
 5. R1, R4, R6, R15, ARE NOT INSTALLED AT TIME OF MANUFACTURE. (FOR FIELD ENGINEERING REFERENCE).



GEN-ENAL-SPERO-1100-2848-APPLY	DRAWN J. EYAN	DATE 11-15-73	CLASS CODE 2-7045	DO NOT SCALE DIM
TOLERANCES UNLESS OTHERWISE SPECIFIED FRACTIONS DECIMALS ANGLES &	CHECKED J. EYAN	APPROVED J. EYAN	Burroughs Corporation ELECTRONIC COMPONENTS DIVISION PLAINFIELD, NEW JERSEY 07061 U.S.A.	
MATERIAL	DATE 11-15-73	SCALE 1/16"	PC BOARD ASSEMBLY ASYNCHRONOUS INTERFACE	
HEAT TREATMENT	QUANTITY 372	SCALE 2	PART NO. 1699 8734	
SURFACE TREATMENT	DATE 11-15-73	SCALE 2	DRAWN BY J. EYAN	
<small>PROPRIETARY TO BURROUGHS CORPORATION-NOT TO BE REPRODUCED, NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDERS OR FROM BURROUGHS COMPANY.</small>				

1699 8734
TD700/TD800-d1 "A" A3-77

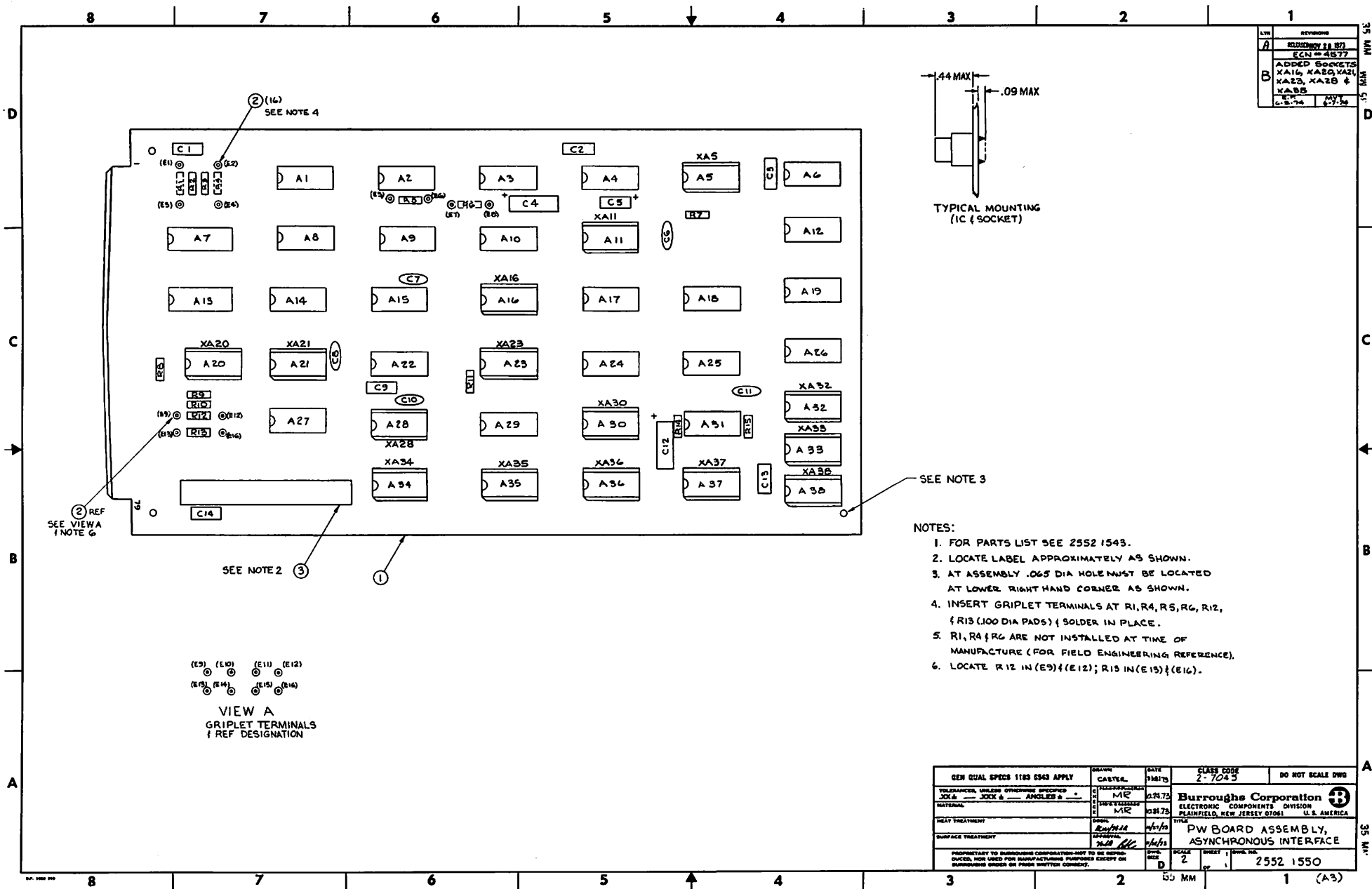
REVISED
ECN# 4877
NOTES REWROD
DATE: 1/10/74
BY: [Signature]

NOTES:

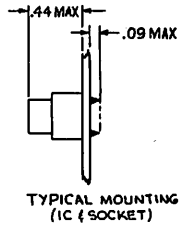
- UNLESS OTHERWISE SPECIFIED: RESISTORS ARE 5%, 1/4W. VALUES IN OHMS. CAPACITANCE VALUES IN MICROFARADS.
- A7 & A13 PIN 5 IS XPSV--1. PIN 12 IS XGRD--0. A1 PIN 5 IS XPSV--1, PIN 10 IS XGRD--0. ALL OTHER IC'S PIN 14 IS XPSV--1, PIN 7 IS XGRD--0.
- FOR POSITIONS OF R13 AND R12 SEE FETH.
- CLEAR TO SEND DELAY IS NORMALLY INTERNAL (SEE DELAY CHART) WITH GROUP POLL. DISCONNECT A1 PIN 5 AND A5 PIN 11 FOR INTERNAL CLEAR TO SEND DELAY W/O GROUP POLL. DISCONNECT A5 PIN 9 AND A11 PIN 1 FOR EXTERNAL CLEAR TO SEND DELAY (WITH OR WITHOUT GROUP POLL).
- 100 NSEC. TRANSMIT TO RECEIVE DELAY FOR TWO WIRE (Y23) MODEN SELECTED BY 600 BAUD POSITION OF RATE SELECT DIAL. DISCONNECT A30 PIN 5 FOR TWO WIRE OPERATION ONLY. DISCONNECT A30 PIN 1 FOR FOUR WIRE OPERATION.
- TRANSMIT HOLD DELAYS END OF REQUEST TO SEND ONE BAUD TIME NORMALLY. DISCONNECT A16 PIN 2 FOR A THREE BAUD DELAY. DISCONNECT A23 PIN 13 FOR NO DELAY.
- DATA TERMINAL READY IS TRUE NORMALLY. FOR SWITCHED POINT TO POINT NETWORKS DISCONNECT A34 PIN 4 FOR AUTO DISCONNECT OR A34 PIN 5 FOR MANUAL DISCONNECT.
 - FOR SYNCHRONOUS MODEN OPERATION DISCONNECT A33 PIN 4 AND A32 PINS 10 AND 13.
 - FOR ASYNCHRONOUS MODEN OPERATION DISCONNECT A33 PIN 5 AND A32 PINS 1 & 4.
- TO SELECT BAUD RATE FOR ASYNCHRONOUS MODEN OPERATION WITHOUT RATE SELECT SWITCH. INSTALL FIXED SPEED CONNECTOR. CALCULATE BAUD PERIOD IN MICROSECONDS = $10^7 / \text{BAUD RATE}$. SELECT A SUM OF HEIGHTS FROM THE CHART EQUAL TO THE PERIOD. DISCONNECT PINS NOT REQUIRED IN SUM. MAXIMUM ERROR IS 1.5 MICROSECONDS.

BIT	HEIGHT	CONNECT FOR SUM
13	12288 JJ SEC	A30 PIN 11
12	6144	A30 PIN 3
11	3072	A30 PIN 10
10	1536	A30 PIN 4
9	768	A37 PIN 11
8	384	A37 PIN 3
7	192	A37 PIN 10
6	96	A37 PIN 4
5	48	A36 PIN 11
4	24	A36 PIN 3
3	12	A36 PIN 10
2	6	A36 PIN 4
1	3	A35 PINS 8 & 10
	7.5	A35 PIN 8 (DIS-
	6	CONNECT A35 PIN 10)
		(DISCONNECT A35 PINS 8 & 10)

--GEN-QUAL-CPDCE-1183-8043-APPLY--		DATE	CLASS CODE	DO NOT SCALE DWN
TOLERANCES, UNLESS OTHERWISE SPECIFIED	FR. EP	4/6/74		
JCK #	RESISTOR VALUES		Burrhus Corporation ELECTRONIC COMPONENTS DIVISION PLAINFIELD, NEW JERSEY 07061 U. S. AMERICA	
JOCK #	ANGLES			
EXTERNAL	FINISHES		TITLE SCHEMATIC, ASYNCHRONOUS INTERFACE	
HEAT TREATMENT	DRILL			
SURFACE TREATMENT	APPROVAL		SCALE D NOV 1	
THIS DOCUMENT IS PROPRIETARY TO BURRUS CORPORATION. NOT TO BE REPRODUCED OR USED FOR UNAUTHORIZED PURPOSES EXCEPT ON BURRUS ORDER OR PRIOR WRITTEN COMMENT.		SHEET 3		

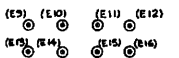


REV	REVISIONS
A	REVISION 28 873
	ECN # 4877
B	ADDED SOCKETS XA16, XA20, XA21, XA23, XA28 & XA35
	DATE: 1/1/74 BY: J. J. ...
	DATE: 8/27/74 BY: ...



SEE NOTE 3

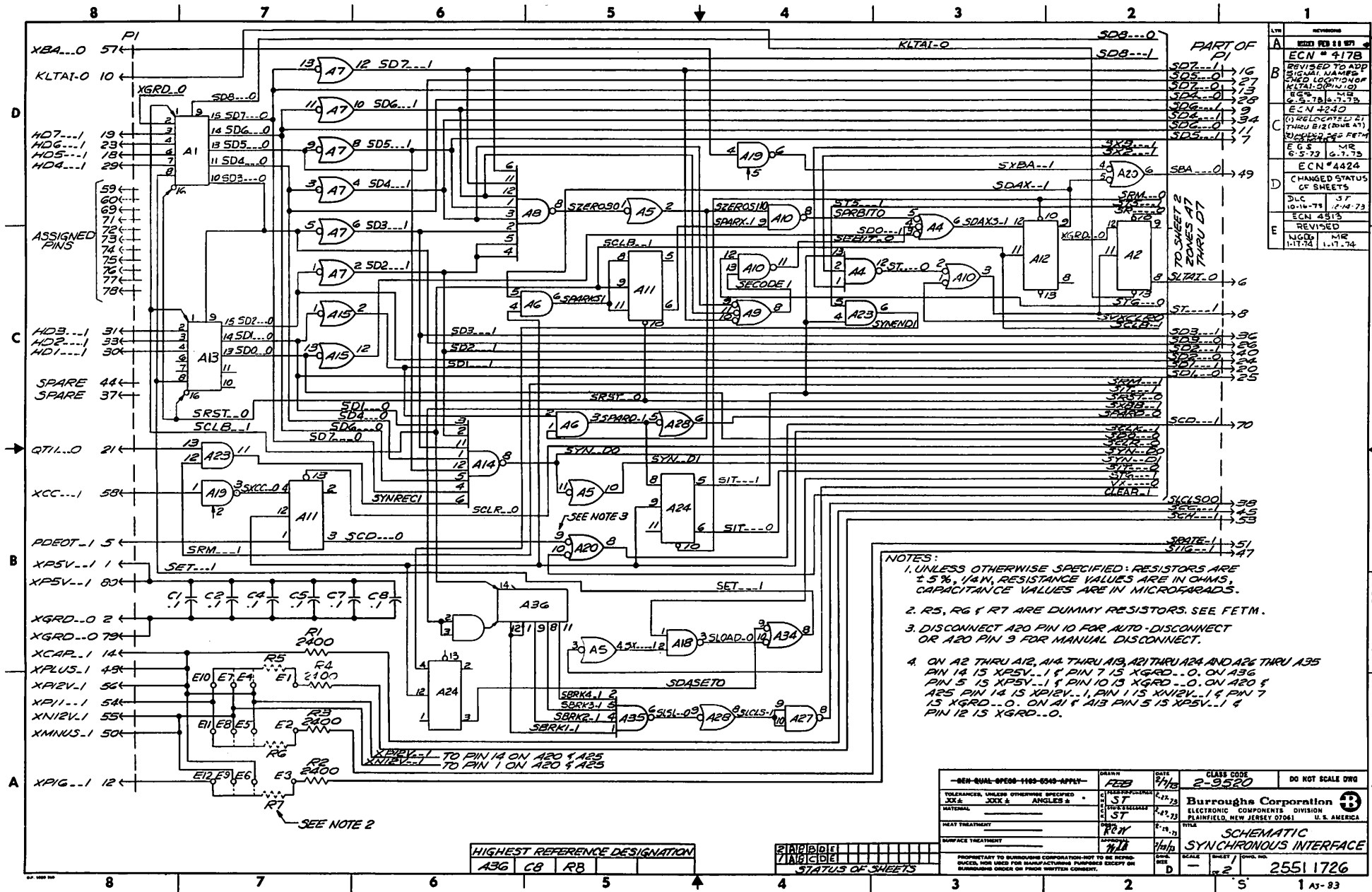
- NOTES:
1. FOR PARTS LIST SEE 2552 1543.
 2. LOCATE LABEL APPROXIMATELY AS SHOWN.
 3. AT ASSEMBLY .065 DIA HOLE MUST BE LOCATED AT LOWER RIGHT HAND CORNER AS SHOWN.
 4. INSERT GRIPLET TERMINALS AT R1, R4, R5, R6, R12, & R13 (.100 DIA PADS) & SOLDER IN PLACE.
 5. R1, R4 & R6 ARE NOT INSTALLED AT TIME OF MANUFACTURE (FOR FIELD ENGINEERING REFERENCE).
 6. LOCATE R12 IN (E9) & (E12); R13 IN (E15) & (E16).



VIEW A
GRIPLET TERMINALS
& REF DESIGNATION

GEN QUAL SPECS 1183 6343 APPLY	DRAWN CASTER	DATE 3/8/73	CLASS CODE 2-7043	DO NOT SCALE DWS
TOLERANCES, UNLESS OTHERWISE SPECIFIED: X.XX ± .005 X.X ± .002 X ± .001	CHECKED MC	DATE 2/21/73	Burroughs Corporation ELECTRONIC COMPONENTS DIVISION PLAINFIELD, NEW JERSEY 07061 U.S.A.	
MATERIALS	DATE 3/8/73			
HEAT TREATMENT	DATE 4/1/74		PW BOARD ASSEMBLY, ASYNCHRONOUS INTERFACE	
SURFACE TREATMENT	DATE 2/28/74			
PROPERTY OF BURROUGHS CORPORATION. NOT TO BE REPRODUCED, NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR FROM WRITTEN CONSENT.	SCALE D	SHEET 2	TOTAL SHEETS 1	
			2552 1550	

(A3)



REV	DESCRIPTION
A	ECN # 4178
B	REVISED TO ADD SIGNAL NAMES & CHG LOCATION OF KLTAT-0 PIN 10
C	(1) RELOCATED BY THRU B12 (DHW 47) (2) ADDED 255 FETM
D	ECN # 4424
E	CHANGED STATUS OF SHEETS
F	REVISED
G	ECN # 4575
H	WCDG 1-17-74
I	1-17-74

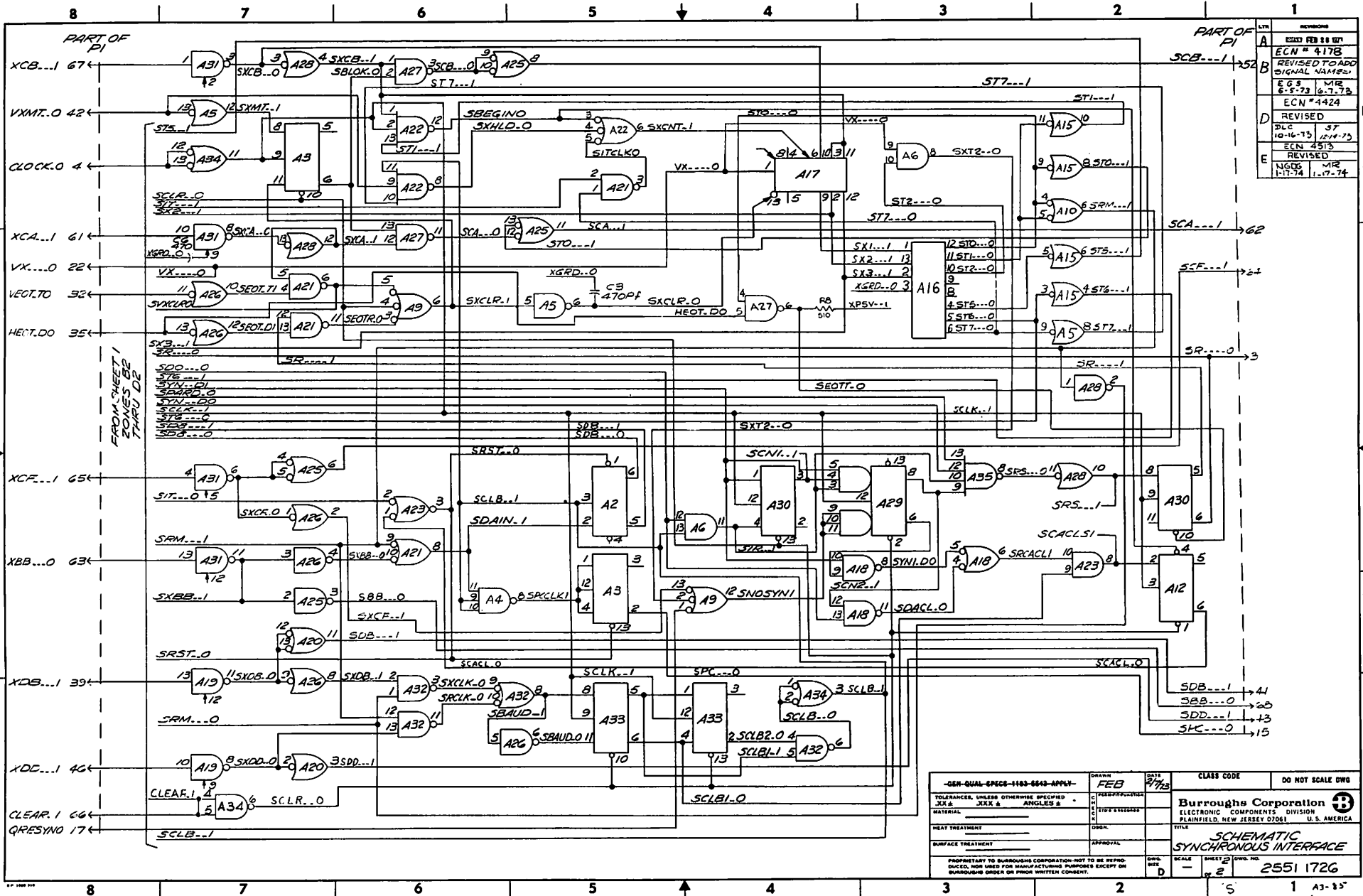
- NOTES:
1. UNLESS OTHERWISE SPECIFIED: RESISTORS ARE $\pm 5\%$, $1/4W$, RESISTANCE VALUES ARE IN OHMS, CAPACITANCE VALUES ARE IN MICROFARADS.
 2. R5, R6 & R7 ARE DUMMY RESISTORS. SEE FETM.
 3. DISCONNECT A20 PIN 10 FOR AUTO-DISCONNECT OR A20 PIN 9 FOR MANUAL DISCONNECT.
 4. ON A2 THRU A12, A14 THRU A15, A17 THRU A24 AND A26 THRU A35 PIN 14 IS XPSV...1 & PIN 7 IS XGRD...0. ON A36 PIN 5 IS XPSV...1 & PIN 10 IS XGRD...0. ON A20 & A25 PIN 14 IS XPIV...1, PIN 1 IS XNIV...1 & PIN 7 IS XGRD...0. ON A1 & A13 PIN 5 IS XPSV...1 & PIN 12 IS XGRD...0.

-GEN QUAL SPEC-1100-0540-APPLY-		DATE	CLASS CODE	DO NOT SCALE DWG
TOLERANCES, UNLESS OTHERWISE SPECIFIED	XXX & ANGLES &	2/2/73	2-3520	
MATERIAL	ST	2/2/73	Burroughs Corporation	
HEAT TREATMENT	ST	2/2/73	ELECTRONIC COMPONENTS DIVISION	
SURFACE TREATMENT	ST	2/2/73	PLAINFIELD, NEW JERSEY 07061 U. S. AMERICA	
HIGHEST REFERENCE DESIGNATION		TITLE		
A36	CB RB	SCHEMATIC		
STATUS OF SHEETS		SYNCHRONOUS INTERFACE		
A36 CB RB		SCALE	SHEET / TOTAL	25511726
		D	2	1 AS-83

A36	CB	RB
-----	----	----

A36	CB	RB
-----	----	----

25511726



REVISIONS	
A	ISSUED FEB 8 1973
B	ECN # 4178
C	REVISED TO ADD SIGNAL NAMES
D	REVISED
E	REVISED

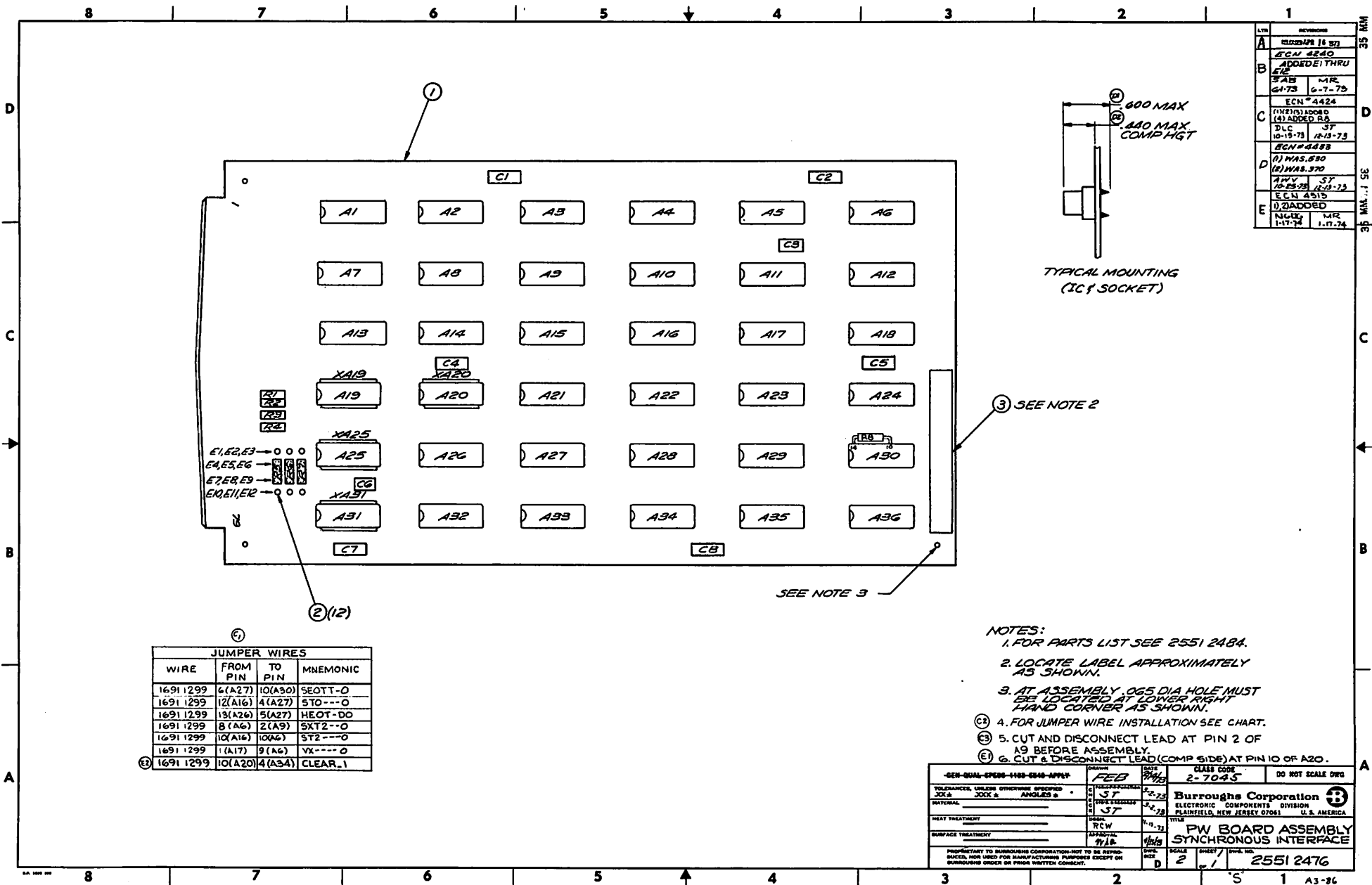
-GEN. QUAL. SPECS-1103-0643-APPLY-		DRAWN	DATE	CLASS CODE	DO NOT SCALE DWG
TOLERANCES, UNLESS OTHERWISE SPECIFIED:	.XX & .XXX & ANGLES &	FEB	2/7/73		
MATERIAL					
HEAT TREATMENT					
SURFACE TREATMENT					
PROPRIETARY TO BURROUGHS CORPORATION; NOT TO BE REPRODUCED, NOR USED FOR MANUFACTURING PURPOSES EXCEPT BY BURROUGHS ORDER OR PRIOR WRITTEN CONSENT.		SCALE	SHEET	DRAWING NO.	
		1:1	2	2551 1726	

Burroughs Corporation
 ELECTRONIC COMPONENTS DIVISION
 PLAINFIELD, NEW JERSEY 07061 U.S.A.

TITLE
SCHEMATIC SYNCHRONOUS INTERFACE

2551 1726

A3-157



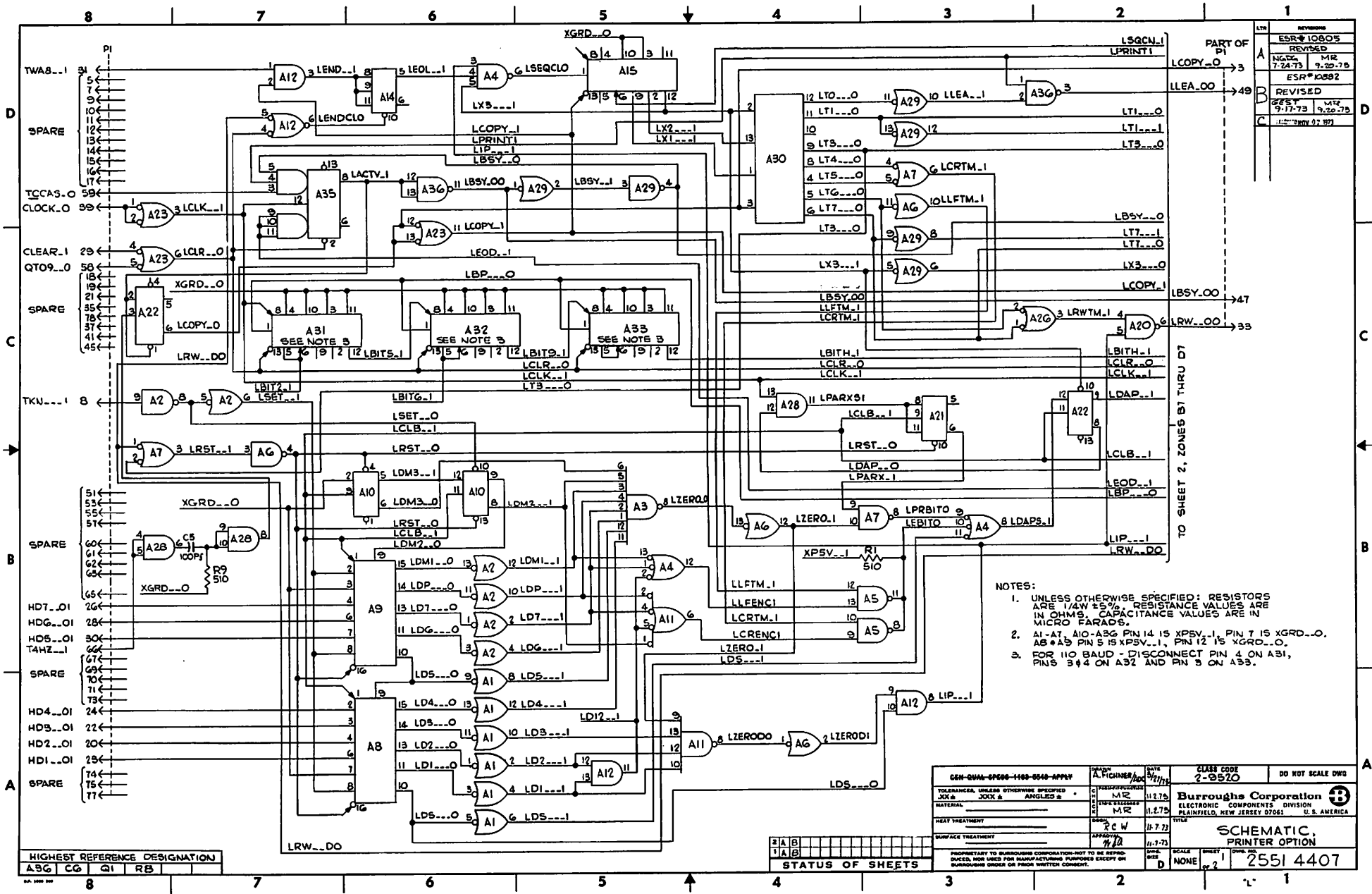
LTR	REVISED
A	REVISION 18 87
B	ECN #4240 ADDED I THRU E12
C	DATE MFR 6-73 6-7-73 ECN #424
D	(MFR) ADDED (4) ADDED R6 DLC ST 10-15-73 11-15-73
E	ECN #4243 (1) WAS. 570 (2) WAS. 370 APV ST 10-25-73 11-15-73 E.C. 4315 (1) ADDED MFR 1-17-74 MFR 1-17-74

①

JUMPER WIRES			
WIRE	FROM PIN	TO PIN	MNEMONIC
1691 1299	6(A27)	10(A30)	SEOTT-O
1691 1299	12(A16)	4(A27)	5TO---O
1691 1299	13(A26)	5(A27)	HEOT-DO
1691 1299	8(A6)	2(A9)	5XT2--O
1691 1299	10(A16)	10(A6)	5T2---O
1691 1299	1(A17)	9(A6)	VX---O
② 1691 1299	10(A20)	4(A34)	CLEAR_1

- NOTES:
- FOR PARTS LIST SEE 2551 2484.
 - LOCATE LABEL APPROXIMATELY AS SHOWN.
 - AT ASSEMBLY .065 DIA HOLE MUST BE LOCATED AT LOWER RIGHT HAND CORNER AS SHOWN.
 - FOR JUMPER WIRE INSTALLATION SEE CHART.
 - CUT AND DISCONNECT LEAD AT PIN 2 OF A9 BEFORE ASSEMBLY.
 - CUT & DISCONNECT LEAD (COMP SIDE) AT PIN 10 OF A20.

GEN-SUAL-SPERO-1183-0240-APPN		FEB 2/73		CLASS CODE 2-7045		DO NOT SCALE DWG	
TOLERANCES, UNLESS OTHERWISE SPECIFIED X.XX ± .005 ANGLES ± .5°		DATE 2-73		DRAWN BY J.V.73		Burroughs Corporation	
MATERIAL		CHECKED BY J.V.73		DATE 11-73		ELECTRONIC COMPONENTS DIVISION PLAINFIELD, NEW JERSEY 07061 U.S. AMERICA	
HEAT TREATMENT		SCALE 1/16"		DATE 11/73		TITLE PW BOARD ASSEMBLY	
SURFACE TREATMENT		SHEET 2		DWG. NO. 2551 2476		SYNCHRONOUS INTERFACE	
<small>PROPRIETARY TO BURROUGHS CORPORATION-NOT TO BE REPRODUCED, NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT.</small>							



LTN	REVISED
A	ESR # 10805
	REVISED
	MR
	7-24-73
	2-22-75
	ESR # 10882
C	REVISED
	MR
	9-17-73
	9-29-75
	11-11-73 DNV 97 97

- NOTES:
1. UNLESS OTHERWISE SPECIFIED: RESISTORS ARE 1/4W ±5% RESISTANCE VALUES ARE IN OHMS. CAPACITANCE VALUES ARE IN MICRO FARADS.
 2. A1-A7, A10-A30 PIN 14 IS XPSV..1, PIN 17 IS XGRD...0. A8 & A9 PIN 5 IS XPSV..1, PIN 12 IS XGRD...0.
 3. FOR 110 BAUD - DISCONNECT PIN 4 ON A31, PINS 3 & 4 ON A32 AND PIN 3 ON A33.

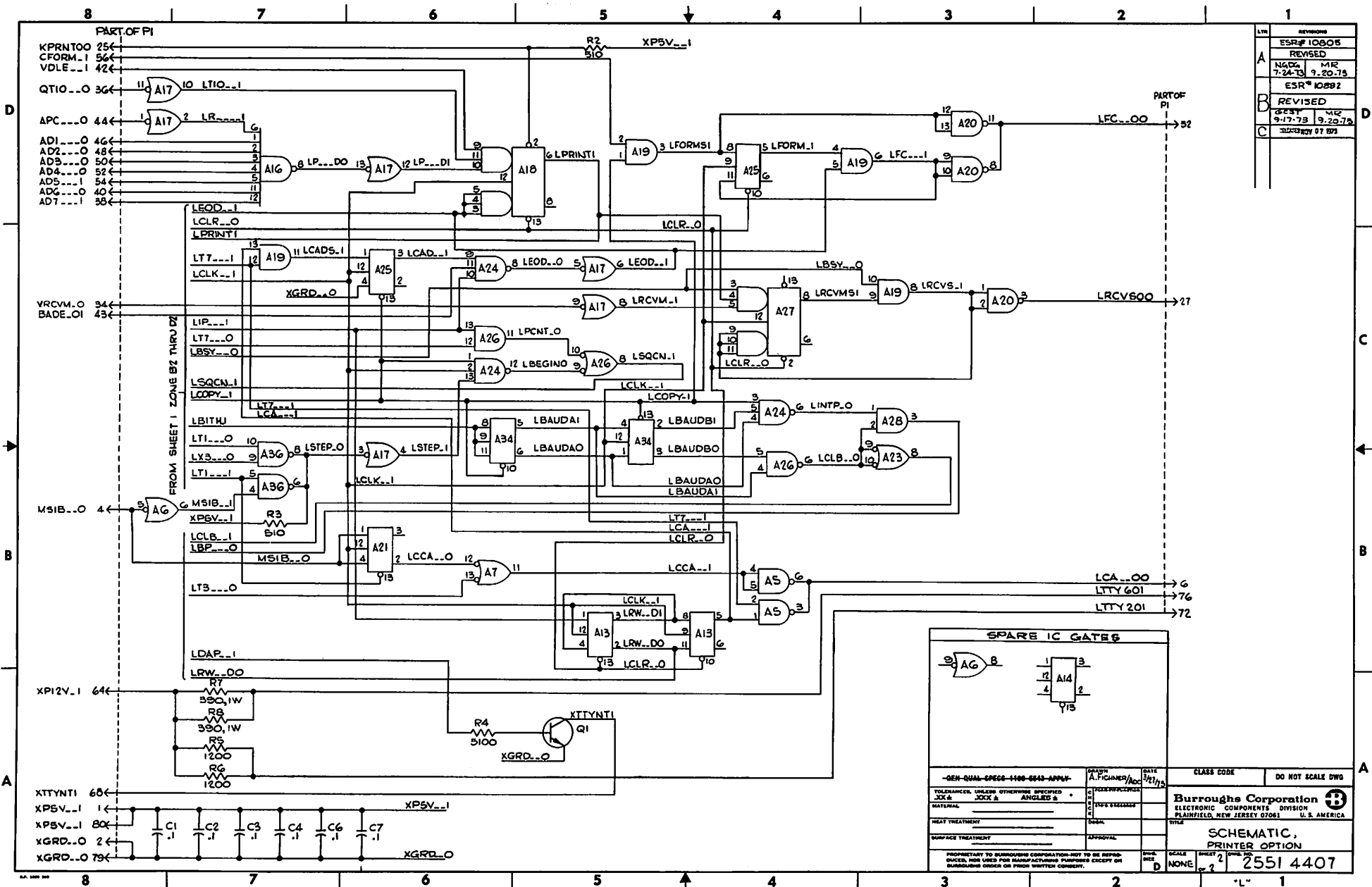
GEN-QUAL-SPECS-1188-8548-APPLY		DESIGN	A. FICHERN	DATE	11/27/73	CLASS CODE	2-9520	DO NOT SCALE DWG
TOLERANCES, UNLESS OTHERWISE SPECIFIED:	XOX #	ANGLED #		OPERATOR	MR	11/27/75		
MATERIAL				DATE	MR	11/27/75		
HEAT TREATMENT				DATE	C W	11/7/72		
SURFACE TREATMENT				DATE		11-7-73		
PROPERTY TO BARRINGER CORPORATION NOT TO BE REPRODUCED, FOR ANY PURPOSES, WITHOUT THE WRITTEN CONSENT OF BARRINGER CORPORATION OR FROM WRITTEN COMMENT.						SCALE	NONE	SHEET NO
								2551 4407

HIGHEST REFERENCE DESIGNATION			
A36	CG	Q1	RB

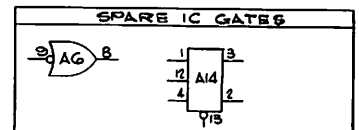
STATUS OF SHEETS			
2	A	B	
1	A	B	

TO SHEET 2, ZONES B1 THRU D7

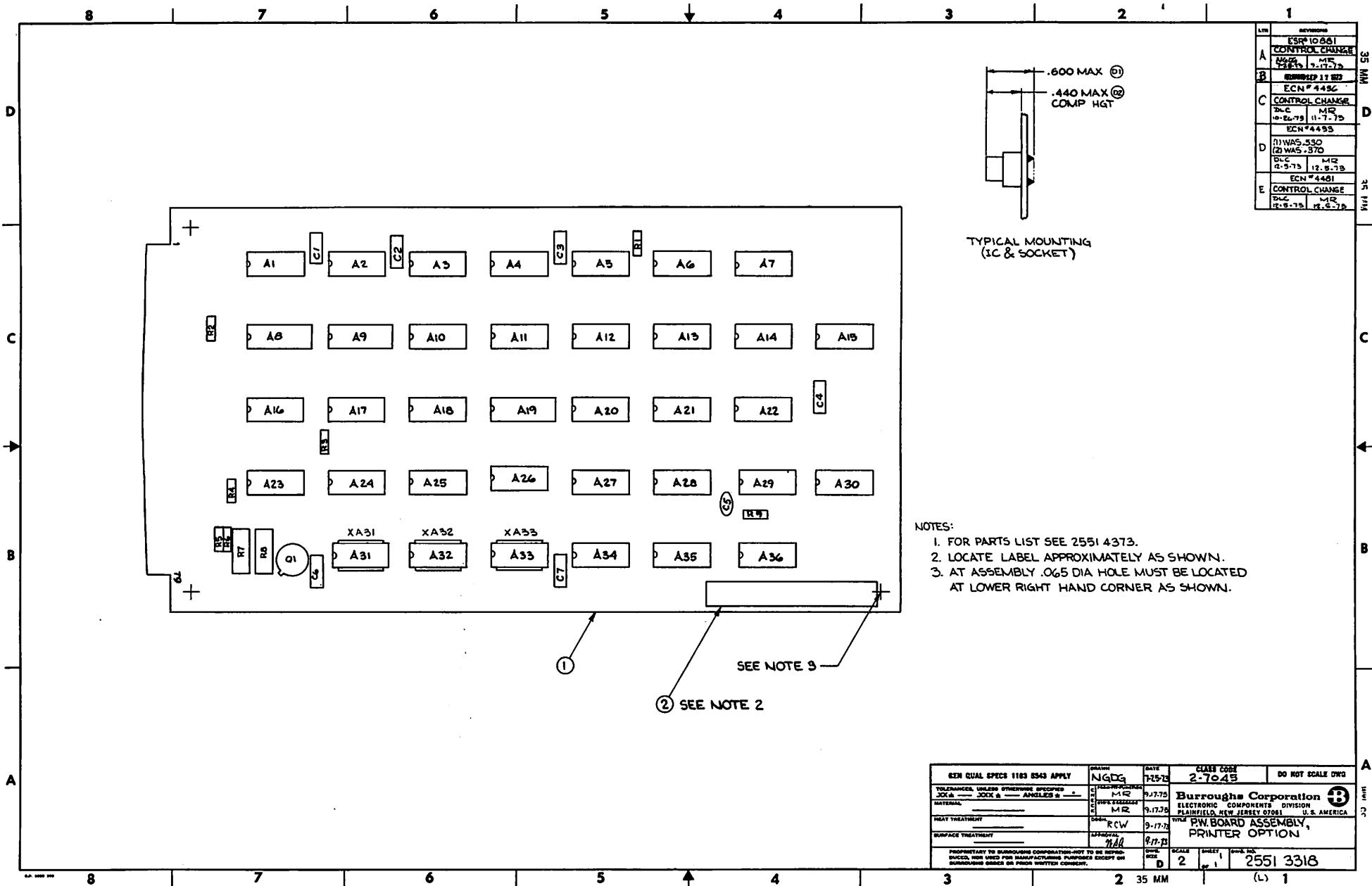
PART OF P1



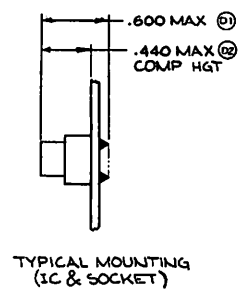
REVISED	DATE	BY
ESR# 10805	9-20-73	MIR
ESR# 10892	9-20-73	MIR
REVISED	DATE	BY
ESR# 10892	9-20-73	MIR



-GEN-QUAL-SPEC-1100-6543-APPV-		DESIGN	A. FICHERN	DATE	3/21/73	CLASS CODE	DO NOT SCALE DWG
TOLERANCES UNLESS OTHERWISE SPECIFIED	JOCK #	ANGLES #					
MATERIAL							
MEAT TREATMENT							
SURFACE TREATMENT							
Burroughs Corporation						ELECTRONIC COMPONENTS DIVISION	
PLAINFIELD, NEW JERSEY 07061						U. S. AMERICA	
SCHEMATIC, PRINTER OPTION						2551 4407	
PROPERTY TO BURROUGHS CORPORATION-NOT TO BE REPRODUCED, FOR USE IN MANUFACTURING PURPOSES EXCEPT BY BURROUGHS OR UNDER PRIOR WRITTEN CONSENT.						SCALE	NONE
						SHEET	2
						OF	2



REV	DESCRIPTION
A	ESR 10861 CONTROL CHANGE D/C 10-11-73 M/R
B	ESR 11822 CONTROL CHANGE ECN # 448C D/C 11-7-73 M/R
C	CONTROL CHANGE ECN # 448B D/C 11-7-73 M/R
D	(1) WAS 530 (2) WAS 570 D/C 12-5-73 M/R
E	CONTROL CHANGE ECN # 448I D/C 12-5-73 M/R

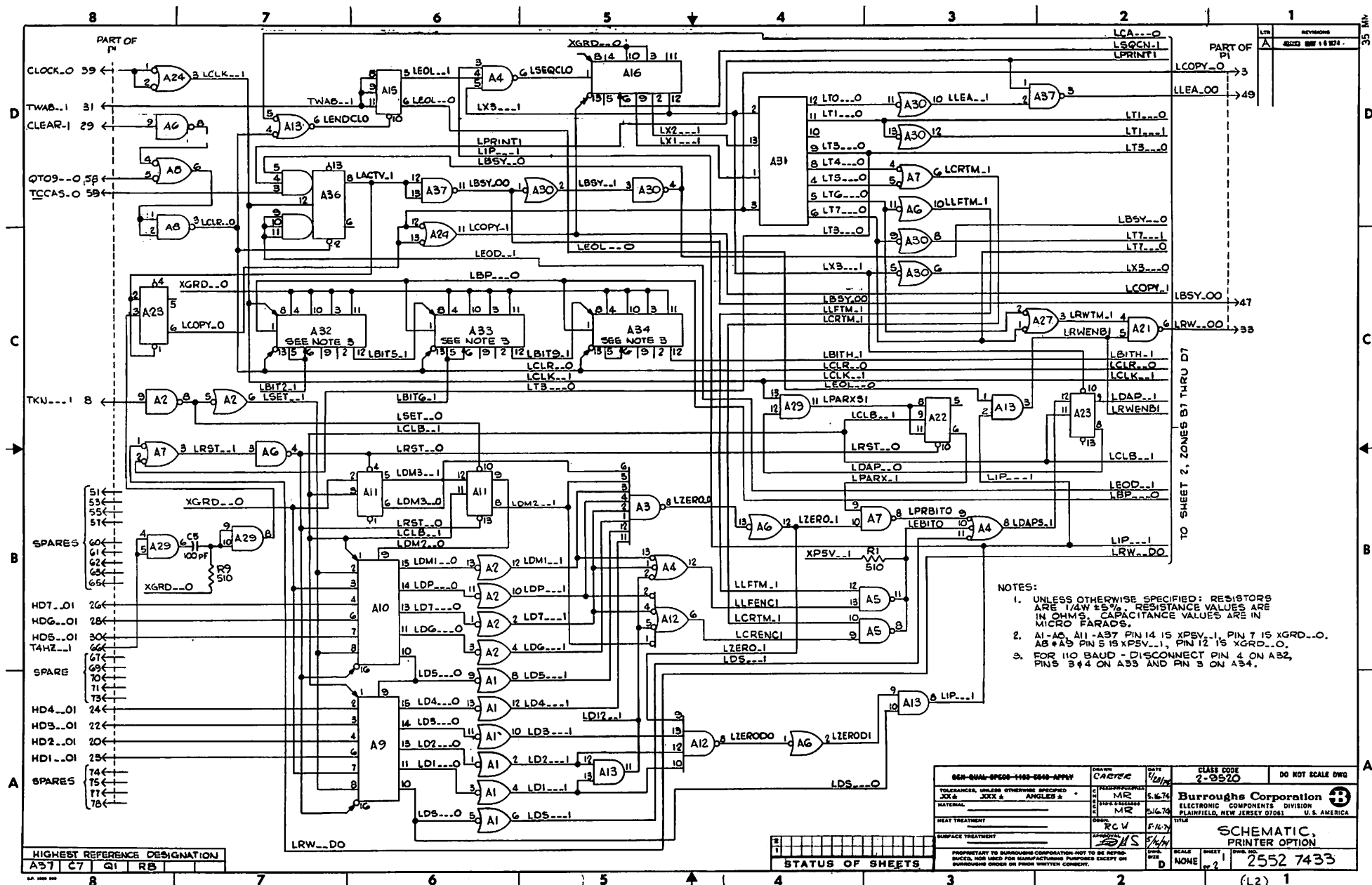


- NOTES:
- FOR PARTS LIST SEE 2551 4373.
 - LOCATE LABEL APPROXIMATELY AS SHOWN.
 - AT ASSEMBLY .065 DIA HOLE MUST BE LOCATED AT LOWER RIGHT HAND CORNER AS SHOWN.

(1) SEE NOTE 3

(2) SEE NOTE 2

GEN QUAL SPECS 1183 8543 APPLY	DRAWN NGDG	DATE 7-19-72	CLASS CODE 2-7043	DO NOT SCALE DWG
TOLERANCES, UNLESS OTHERWISE SPECIFIED X.XX ± .005 X.XX ± .005 ANGLES ± .5°	DESIGNED BY M/R	DATE 9-17-72	Burroughs Corporation ELECTRONIC COMPONENTS DIVISION PLAINFIELD, NEW JERSEY 07061 U.S. AMERICA	
MATERIALS	CHECKED BY M/R	DATE 9-17-72		
HEAT TREATMENT	DRN RCW	DATE 9-17-72	TITLE P.W. BOARD ASSEMBLY, PRINTER OPTION	
SURFACE TREATMENT	APPROVAL R/R	DATE 8-17-72	SCALE D 2	SHEET 1 OF 1 2551 3318
<small>PROPRIETARY TO BURROUGHS CORPORATION-NOT TO BE REPRODUCED, NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS DEVICES OR FROM WRITTEN CONSENT.</small>				

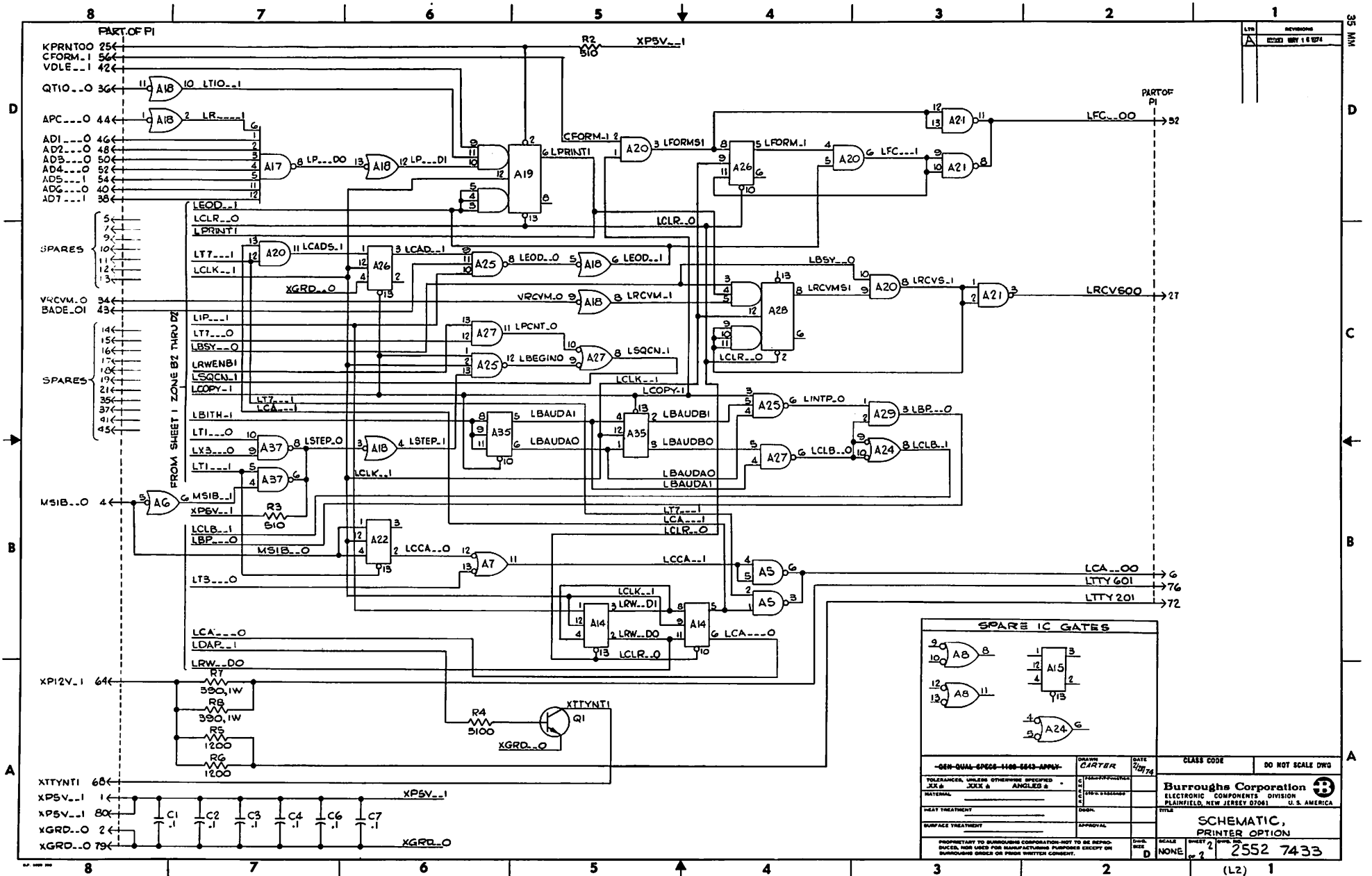


- NOTES:
1. UNLESS OTHERWISE SPECIFIED: RESISTORS ARE 1/4W ±5% RESISTANCE VALUES ARE IN OHMS, CAPACITANCE VALUES ARE IN MICRO FARADS.
 2. A1-A5, A11-A37 PIN 14 IS XPSV..I, PIN 7 IS XGRD..O, A8+A9 PIN 5 IS XPSV..I, PIN 12 IS XGRD..O.
 3. FOR 110 BAUD - DISCONNECT PIN 4 ON A32, PINS 3+4 ON A33 AND PIN 3 ON A34.

668-9444-0100-1100-0540-APPLY		DATE	CLASS CODE	DO NOT SCALE DWG
TOLERANCES, UNLESS OTHERWISE SPECIFIED		CAREER	2-0570	
JXX ±	ANGLES ±	DATE		
MATERIAL	RESISTANCE	5.16.74		
	DIFFERENCE	5/16.74		
HEAT TREATMENT	ORIG.	RCV		
SURFACE TREATMENT	APPROVAL	MS		
PROPERTY TO BURROUGHS CORPORATION-NOT TO BE REPRODUCED, FOR USE FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT.		SCALE	SHEET	2552 7433
		D	2	(L2) 1

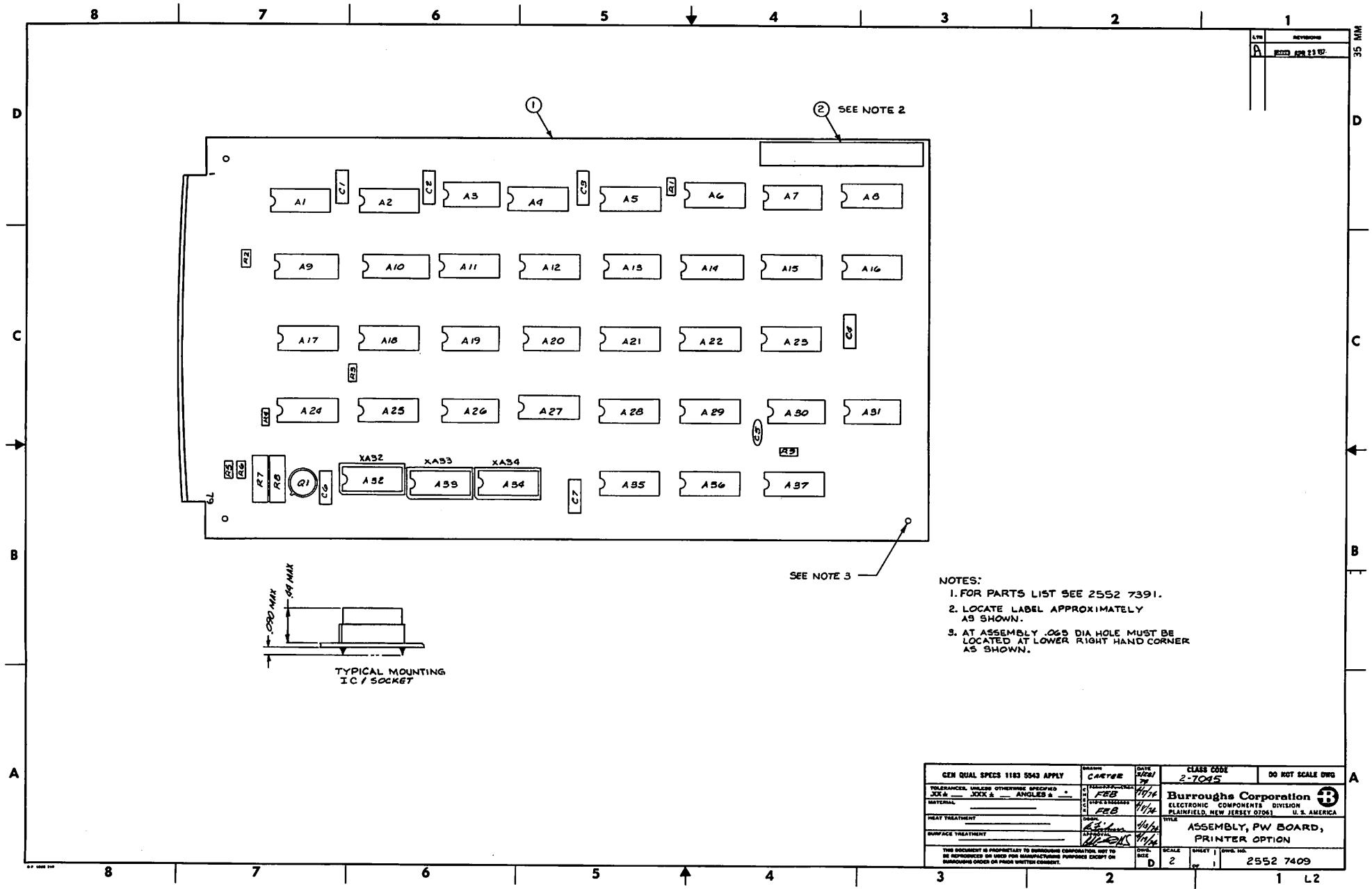
STATUS OF SHEETS	
2	
1	

HIGHEST REFERENCE DESIGNATION			
A37	C7	Q1	RB



-GEN-QUAL-SPEC-1100-6643-APPV-		DATE	CLASS CODE	DO NOT SCALE DWG
TOLERANCES, UNLESS OTHERWISE SPECIFIED	DRAWN	7/21/74		
XX &	CARTER			
ANGLED &				
EXTERNAL				
HEAT TREATMENT				
SURFACE TREATMENT				
PROPERTY TO BURROUGHS CORPORATION-NOT TO BE REPRODUCED, FOR USE IN MANUFACTURING PURPOSES EXCEPT BY BURROUGHS OR ITS AUTHORIZED REPRESENTATIVES.		SCALE	NONE	
		SHEET	2	
		REV	2552 7433	

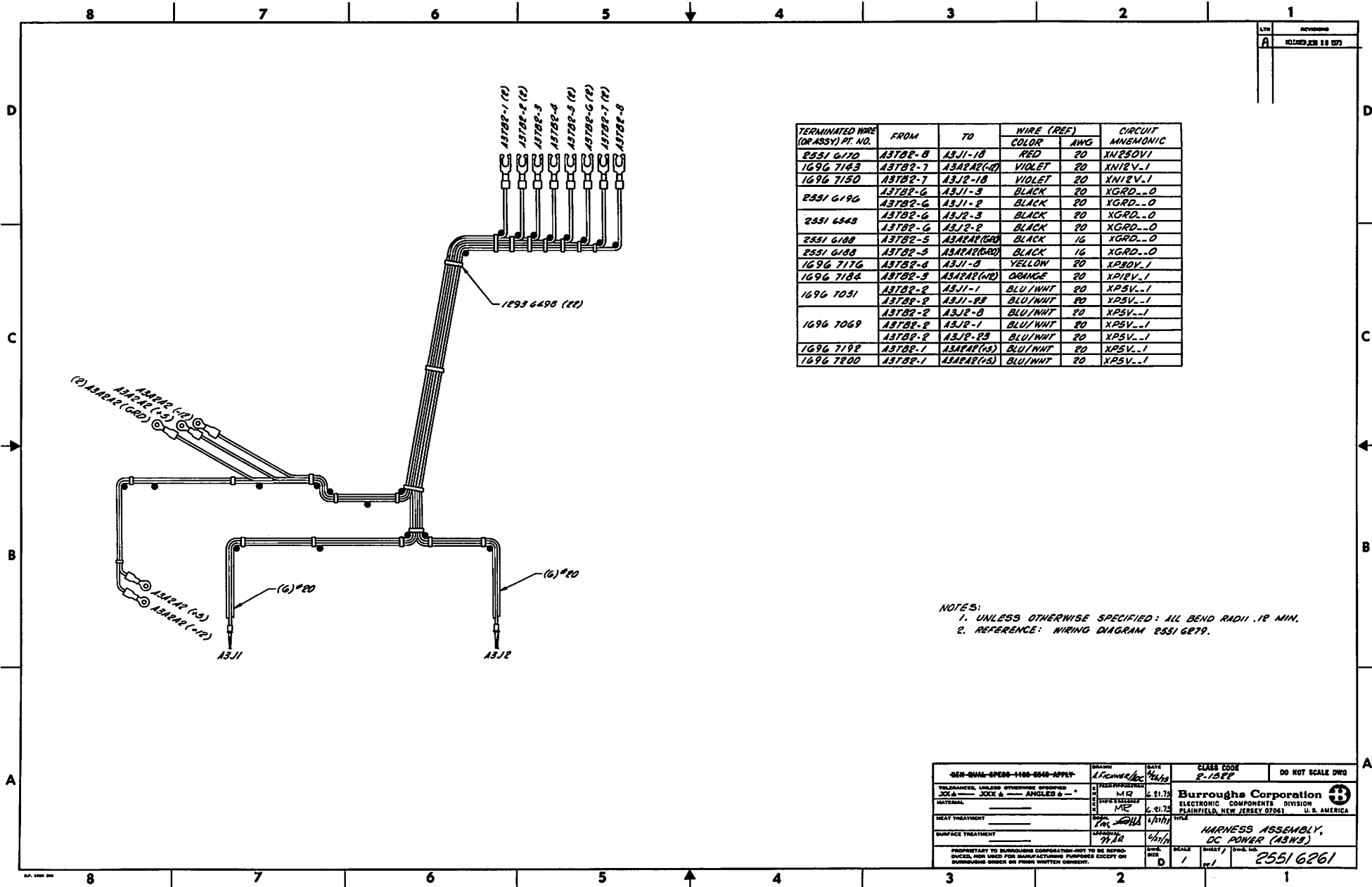
(L2) 1



SEE NOTE 3

- NOTES:
1. FOR PARTS LIST SEE 2552 7391.
 2. LOCATE LABEL APPROXIMATELY AS SHOWN.
 3. AT ASSEMBLY .063 DIA HOLE MUST BE LOCATED AT LOWER RIGHT HAND CORNER AS SHOWN.

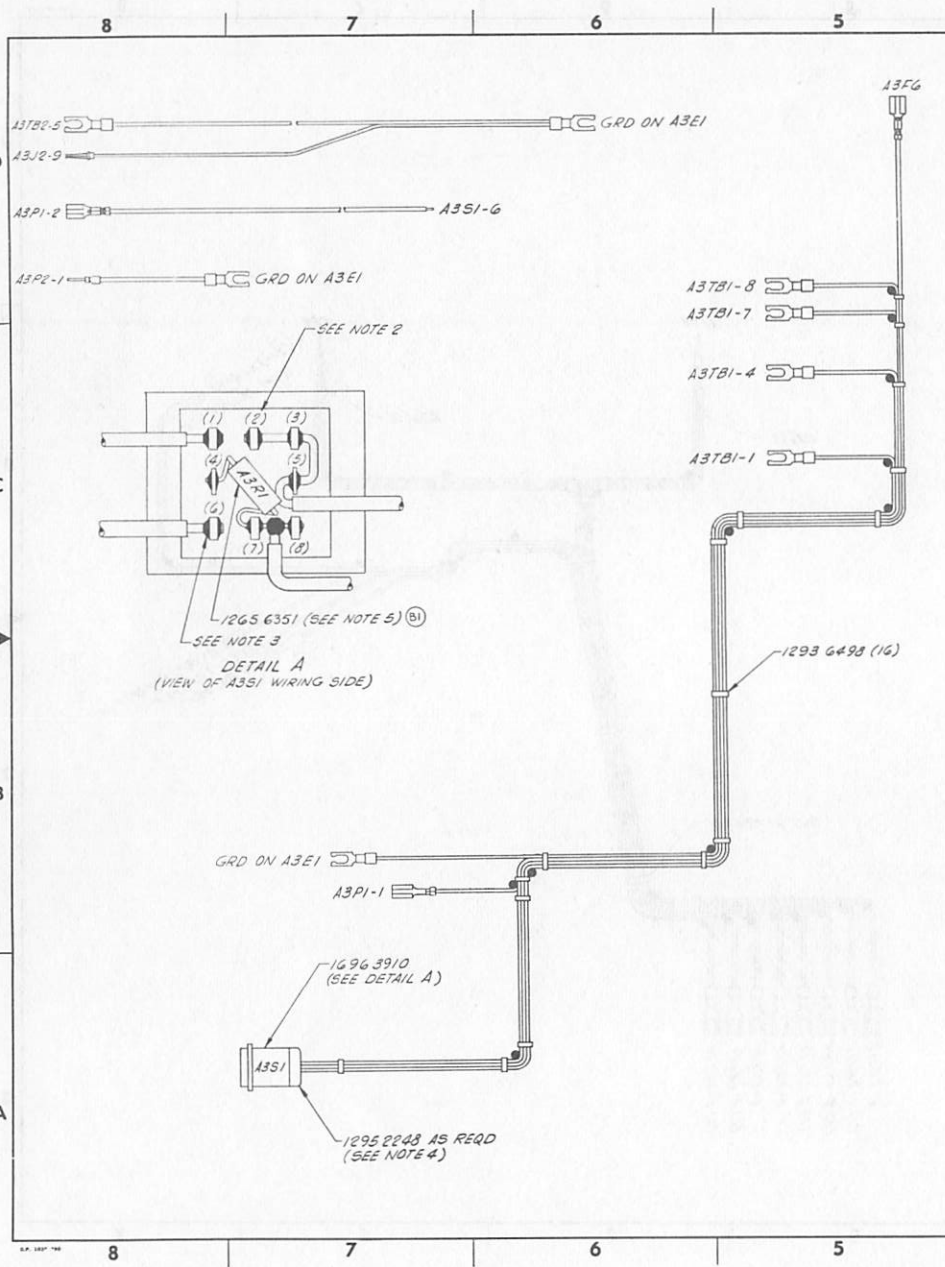
GEN QUAL SPECS 1183 5543 APPLY		DATE	CLASS CODE	DO NOT SCALE DWG
TOLERANCES, UNLESS OTHERWISE SPECIFIED		DATE	2-7045	
JOB # _____		DATE		
MATERIAL _____		DATE		
PREP TREATMENT _____		DATE		
SURFACE TREATMENT _____		DATE		
THIS DOCUMENT IS PROPRIETARY TO BURROUGHS CORPORATION. NOT TO BE REPRODUCED OR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS CHECKS OR IN WRITTEN CONSULT.		DATE		
SCALE		SHEET	TITLE	
D 2		1	ASSEMBLY, PW BOARD, PRINTER OPTION	
			2552 7409	



TERMINATED WIRE (OR ASSY) PT. NO.	FROM	TO	WIRE (REF)		CIRCUIT MNEEMONIC
			COLOR	AWG	
2551 6170	A3782-8	A371-18	RED	20	XN250V1
1696 7143	A3782-7	A3712-18	VIOLET	20	XN12V-1
1696 7150	A3782-7	A3712-18	VIOLET	20	XN12V-1
2551 6196	A3782-6	A371-5	BLACK	20	XGRD-0
	A3782-6	A371-2	BLACK	20	XGRD-0
2551 6545	A3782-6	A371-3	BLACK	20	XGRD-0
	A3782-6	A371-2	BLACK	20	XGRD-0
2551 6188	A3782-5	A3712R(GRD)	BLACK	16	XGRD-0
2551 6188	A3782-5	A3712R(GRD)	BLACK	16	XGRD-0
1696 7176	A3782-8	A371-8	YELLOW	20	XP30V-1
1696 7184	A3782-5	A3712R(WR)	ORANGE	20	XP12V-1
1696 7051	A3782-2	A371-1	BLU/WHT	20	XP5V-1
	A3782-2	A371-23	BLU/WHT	20	XP5V-1
1696 7069	A3782-2	A3712-8	BLU/WHT	20	XP5V-1
	A3782-2	A3712-1	BLU/WHT	20	XP5V-1
	A3782-2	A3712-23	BLU/WHT	20	XP5V-1
1696 7192	A3782-1	A3712R(US)	BLU/WHT	20	XP5V-1
1696 7200	A3782-1	A3712R(US)	BLU/WHT	20	XP5V-1

NOTES:
 1. UNLESS OTHERWISE SPECIFIED: ALL BEND RADII .12 MIN.
 2. REFERENCE: WIRING DIAGRAM 2551 6279.

GEN-QUAL-SPECS-1100-2040-APPLY	DESIGN AFC/ML/AC	DATE 6/6/58	CHECK CODE 2-1582	DO NOT SCALE DWG
TOLERANCES UNLESS OTHERWISE SPECIFIED FRACTIONS DECIMALS ANGLES & °	DESIGNER MR	DATE 6-21-58	Burroughs Corporation ELECTRONIC COMPONENTS DIVISION PLAINFIELD, NEW JERSEY 07061 U.S. & CANADA	
MATERIAL	INSPECTION ME	DATE 6/21/58		
HEAT TREATMENT	DATE 7/1/58	DATE 6/21/58		
SURFACE TREATMENT	DATE 7/1/58	DATE 6/21/58		
PROPRIETARY TO BURROUGHS CORPORATION-NOT TO BE REPRODUCED, NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT.	DATE D	SCALE 1	SHEET 1	TITLE HARNES ASSEMBLY, DC POWER (ASWS) Dwg. NO. 2551 6261



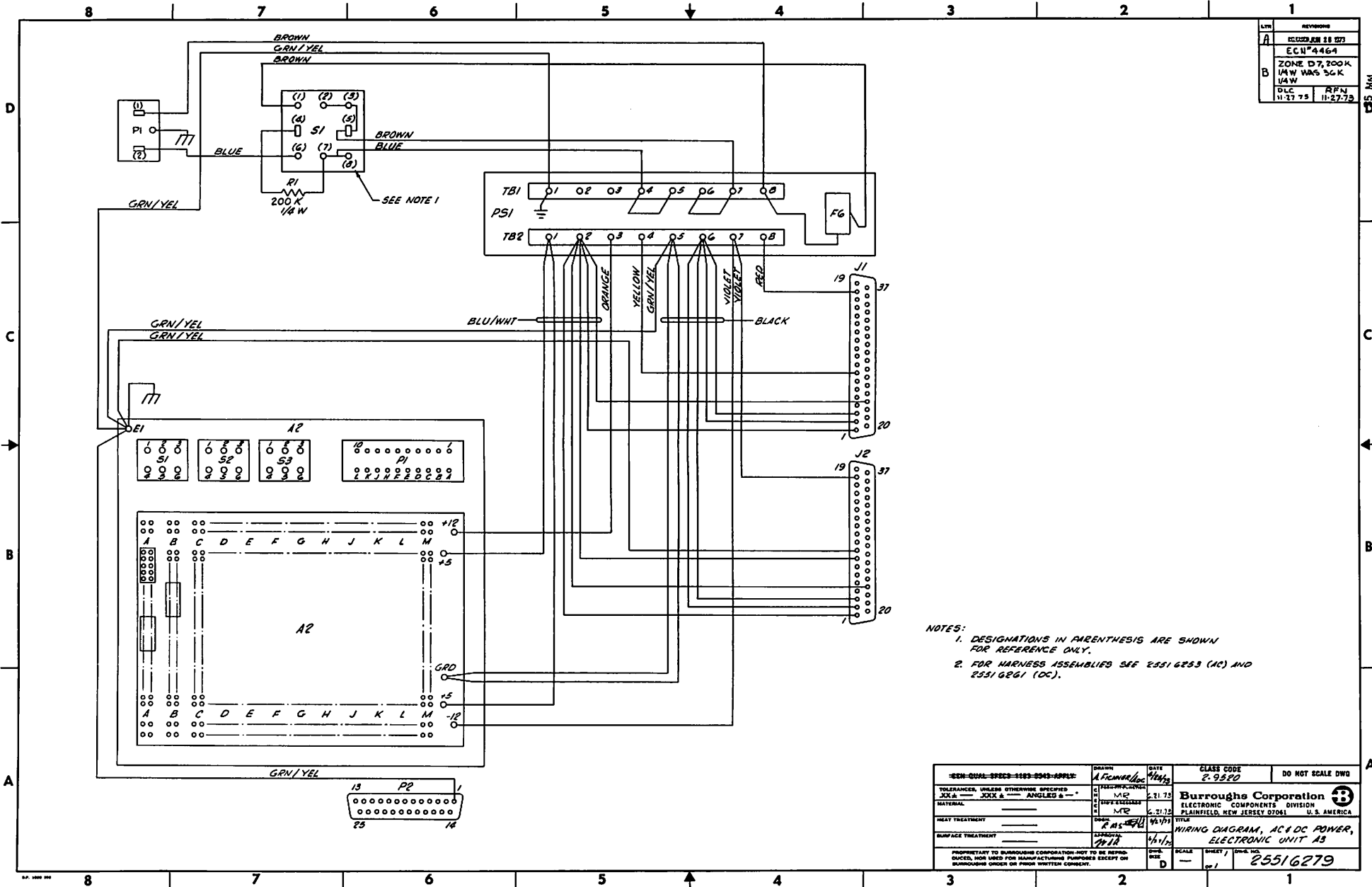
TERMINATED WIRE (OR ASSY) PT NO.	FROM	TO	WIRE (REF)		CIRCUIT MNEMONIC	REMARKS
			COLOR	AWG		
2551 9729	A3F6	A3S1-1	BROWN	20	XACHOT1	
2551 6498	A3T8-1	A3E1 (GRD)	GRN/YEL	20	XFRAMED	
2551 9711	A3T8-4	A3S1-7,8	BLUE	20	XACNUTI	SEE NOTE 7
2551 9695	A3T8-7	A3S1-5,3,2	BROWN	20	XACHOT1	SEE NOTE 6
2551 9737	A3T8-8	A3P1-1	BROWN	20	XACHOT1	
2551 6168	A3P2-1	A3E1 (GRD)	GRN/YEL	20	XFRAMED	
2551 9703	A3P1-2	A3S1-6	BLUE	20	XACNUTI	
2551 6154	A3J2-9	A3E1 (GRD)	GRN/YEL	20	XFRAMED	
	A3T8-5	A3E1 (GRD)	GRN/YEL	20	XFRAMED	

LTN	REVISION
A	202108 JUN 28 1979
B	ECN*4464
	DLC WAS 1268 1680
	11-16-75
	RFN 11-27-75

NOTES:

- UNLESS OTHERWISE SPECIFIED: ALL BEND RADI 12 MIN.
- TERMINAL DESIGNATIONS SHOWN FOR REFERENCE ONLY.
- SOLDER CONNECTIONS AS REQUIRED.
- INSULATE WITH SILASTIC 732 RTY. BUILDUP NOT TO EXCEED PERIPHERY OF A3S1.
- THREAD AXIAL LEAD OF A3R1 THRU TERMINALS (7) & (8) OF A3S1 AND SOLDER.
- THREAD STRIPPED END OF WIRE THRU TERMINALS (5), (3), & (2) OF A3S1 AS SHOWN IN DETAIL A AND SOLDER.
- WRAP STRIPPED END OF WIRE AROUND AXIAL LEAD OF A3R1 BETWEEN TERMINALS (7) & (8) AS SHOWN IN DETAIL A AND SOLDER.
- REFERENCE: WIRING DIAGRAM 2551 6279.

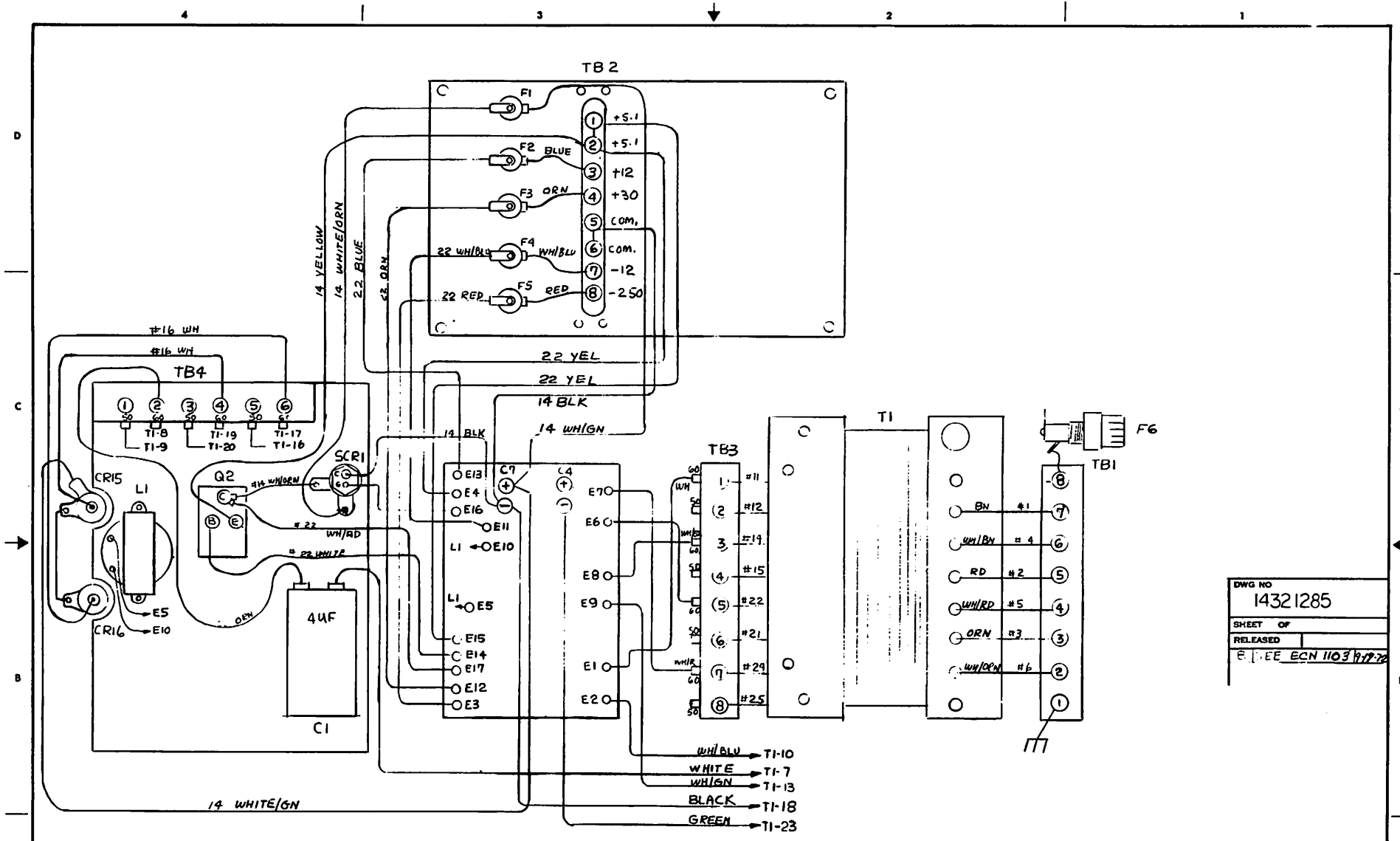
GEN-QUAL-SPEED-1189-9549 APPLY		DRAWN L FICHER/ADC	DATE 4/21/75	CLASS CODE 2-1522	DO NOT SCALE DWG
TOLERANCES, UNLESS OTHERWISE SPECIFIED XXX ± .005 ANGLES ± °	APPROVED NAR	DATE 6/17/75	Burroughs Corporation ELECTRONIC COMPONENTS DIVISION PLAINFIELD, NEW JERSEY 07061 U.S. AMERICA		
MATERIAL	CHK'D NAR	DATE 6/17/75			
HEAT TREATMENT	DRW'N SNA	DATE 4/21/75			
SURFACE TREATMENT	APPROVED MIL	DATE 6/17/75			
PROPRIETARY TO BURROUGHS CORPORATION-NOT TO BE REPRODUCED, NOR USED FOR MANUFACTURING PURPOSES EXCEPT OR BURROUGHS ORDER OR PRIOR WRITTEN CONSENT.					
			TITLE HARNESS ASSEMBLY AC POWER (A3W2)	DWG. NO. 2551 6253	SHEET 1 OF 1



REVISED	
A	REVISION 28 077
ECN#4464	
B	ZONE D7, 200K
1/4W WWS 56K	
1/4W	
DLC	RFN
11-27-75	11-27-75

NOTES:
 1. DESIGNATIONS IN PARENTHESIS ARE SHOWN FOR REFERENCE ONLY.
 2. FOR HARNESS ASSEMBLIES SEE 25516253 (AC) AND 25516261 (DC).

SEEN-QUIL-SPECS-1183-0043-APPLE	DRAWN A. FRANKLIN	DATE 4/4/75	CLASS CODE 2.9580	DO NOT SCALE DWG
TOLERANCES, UNLESS OTHERWISE SPECIFIED X.XX ± .005 ANGLED 45°	BY M.P.	DATE 2-21-75	Burroughs Corporation ELECTRONIC COMPONENTS DIVISION PLAINFIELD, NEW JERSEY 07061 U.S.A.	
MATERIAL	BY M.P.	DATE 2-21-75		
HEAT TREATMENT	DATE 4/1/75	TITLE WIRING DIAGRAM, AC/DC POWER, ELECTRONIC UNIT AS	SCALE	SHEET 1 OF 1
SURFACE TREATMENT	DATE 4/1/75	DATE 4/1/75	SCALE	25516279
<small>PROPRIETARY TO BURROUGHS CORPORATION-NOT TO BE REPRODUCED, NOR USED FOR MANUFACTURING PURPOSES EXCEPT BY BURROUGHS ORDER OR PRIOR WRITTEN CONSENT.</small>				



DWG NO
14321285

SHEET OF

RELEASED

FREE ECN 1103 1/7/72

REF 50/60 HZ

TECHNICAL SERVICES APPROVAL				LAYOUT NO		GEN QUAL SPECS	
METALLURGICAL	DATE	CHEMICAL	DATE	COMPONENTS	DATE	1183 5543 APPLY	
TOLERANCES UNLESS OTHERWISE NOTED				DRAWN	DATE	Burroughs Corporation COMPONENTS GROUP HOLLYWOOD PLANT 013 HOLLYWOOD, FLORIDA 33020 U. S. AMERICA	
.XXX ± .005 .XX ± .01 ANGLES ± 0°30'				J·N	6-15-72		
MATERIAL				CHECKED	DATE	TITLE	
HEAT TREATMENT				DSGN OR ENGR	DATE	WIRING DIAGRAM, TD100	
SURFACE TREATMENT				APPROVED	DATE	CLASS CODE	
PROPRIETARY TO BURROUGHS CORP. - NOT TO BE REPRODUCED, NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT							
SCALE		SHEET		SIZE		DWG NO	
~		1 of 1		C		14321285	
							REV
							B

MFG DATA

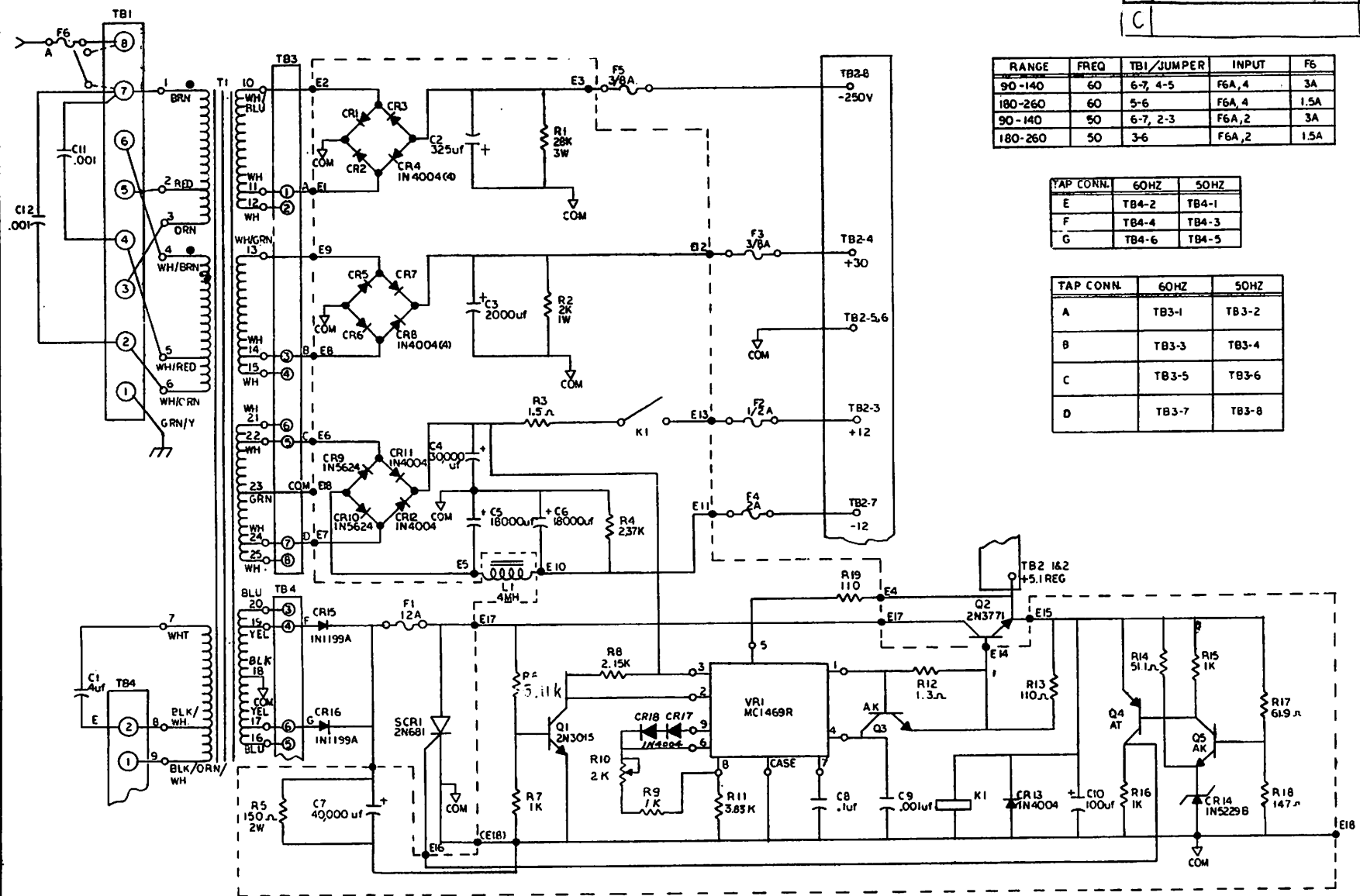
PRINTED IN U. S. AMERICA

REV	DESCRIPTION	DATE
A	RELEASE	5-25-72
B	SEE ECN #1103	8-1-72
C		

RANGE	FREQ	TB1/JUMPER	INPUT	F6
90-140	60	6-7, 4-5	F6A, 4	3A
180-260	60	5-6	F6A, 4	1.5A
90-140	50	6-7, 2-3	F6A, 2	3A
180-260	50	3-6	F6A, 2	1.5A

TAP CONN.	60HZ	50HZ
E	TB4-2	TB4-1
F	TB4-4	TB4-3
G	TB4-6	TB4-5

TAP CONN.	60HZ	50HZ
A	TB3-1	TB3-2
B	TB3-3	TB3-4
C	TB3-5	TB3-6
D	TB3-7	TB3-8



NOTES
 1. ALL RESISTORS ARE 1/2 WATT UNLESS OTHERWISE INDICATED.
 2. REVISIONS TO THIS DWG. MUST BE NOTED UNDER "APPLICABLE DOCUMENTS" OF DWG. NO. 14319941 P.C. BOARD ETCHED. SIZE "B"

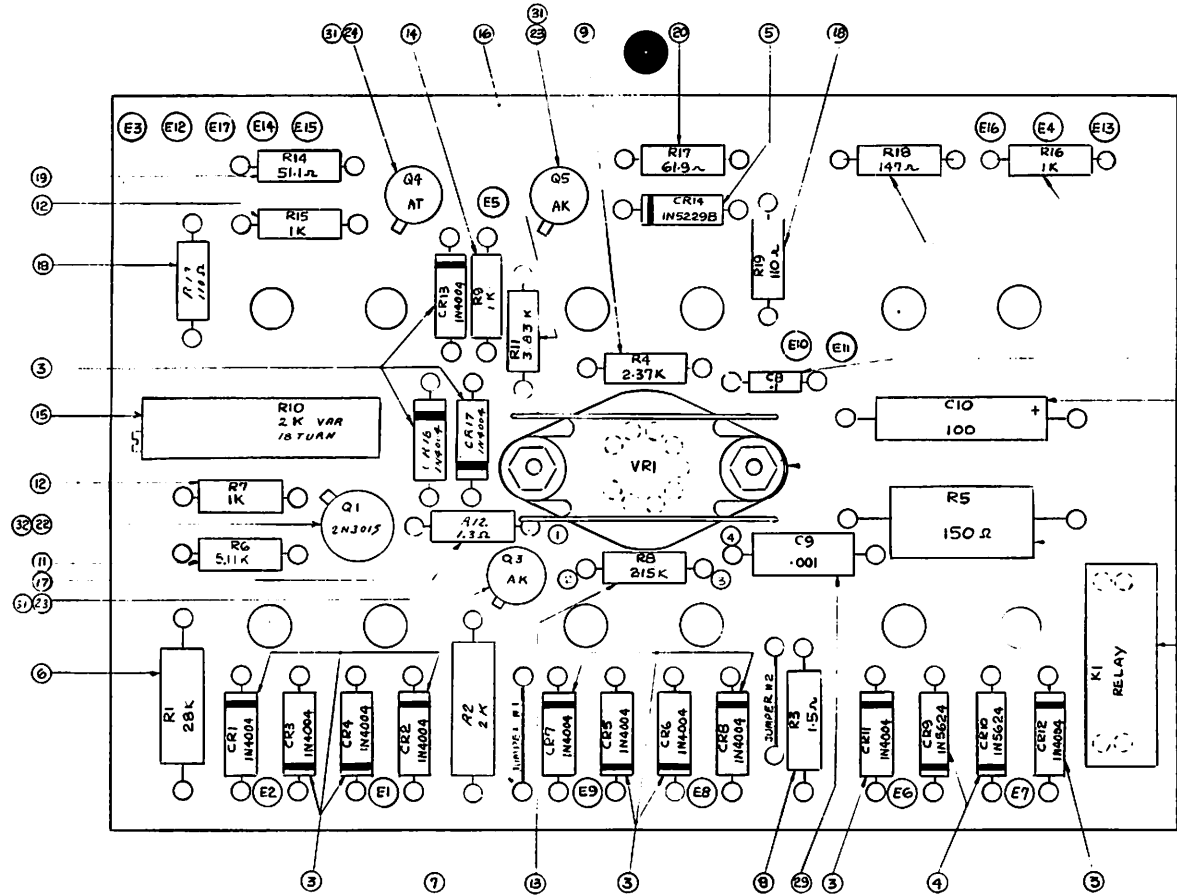
DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. TOLERANCES ARE AS FOLLOWS: FRACTIONAL: DECIMAL: .00 : .000: ANGULAR:	DRAWN A&A 2-72 CHECKED ENGR Y.E. 5-72 R/C APPROVED [Signature] 8-72 APPROVED	Burroughs Corporation CONTRACT NO. _____ SCALE: _____	SCHEMATIC 50/60HZ POWER SUPPLY SH 1 PV 14317515 OF 2 C
---	---	--	--

LINE ITEM	DESIGNATION	BURROUGHS NO.	DESCRIPTION	QTY.
		1431 9990	P. C. BOARD ASSEMBLY	
1	C1	1431 7127	Cap., 4 uf, 660 VAC	1
2	C2	1431 7135	Cap., 125 uf, 700V	1
3	C3	1431 7143	Cap., 7000 uf, 50V	1
4	C4	1431 7150	Cap., 30000 uf, 15V	1
5	C5,6	1431 7158	Cap., 18000 uf, 15V	2
6	C7	1431 7176	Cap., 47000 uf, 10V	1
7	C8	1 76 6587	Cap., .1 uf, 25 V	1
8	C9	1104 2959	Cap., .001 uf, 25V	1
9	C10	1101 5955	Cap., 100 uf, 10V	1
10	C11	1431 7598	Cap., Ceramic, .001	2
11	F1	1432 1061	Fuse, 12 amp, 1 AG	1
12	F2	1431 7218	Fuse, 1/2 amp	1
13	F3,5	1431 7200	Fuse, 3/8 amp	2
14	F4	1432 1053	Fuse, 2 amp	1
15	F6	1431 7663	Fuse, 1.5 amp	1
16	K1	1431 9982	Relay, Reed 1V	1
17	L1	1431 2441	Choke, 4 NH	1
18	Q1	1471 4794	Transistor 2N3615	1
19	Q2	1431 7184	Transistor, 2N3771 3V @ PAB > 05	1
20	Q3,5	1109 5924	Transistor, Type AK	2
21	Q4	1170 0487	Transistor, Type AT	1
22	R1	1100 6160	Resistor, 20K, 1/2W, 1%	1

LINE ITEM	DESIGNATION	BURROUGHS NO.	DESCRIPTION	QTY.
23	R2	1431 9729	Resistor, 2K, 1/2W, 5%	1
24	R3	1431 9740	Resistor, 1.5 ohm, 1/2W, 5%	1
25	R4	1114 8912	Resistor, 1.2K, 1/2W, 1%	1
26	R5	1765 8920	Resistor, 150, 2W, 5%	1
27	R6	1114 8996	Resistor, 5.11K, 1/2W, 1%	1
28	R7,15,16	1114 8957	Resistor, 1K, 1/2W, 1%	3
29	R8	1114 8905	Resistor, 2.15K, 1/2W, 1%	1
30				
31	R10	1113 9854	Resistor, 2K, Var.	1
32	R11	1114 8962	Resistor, 1.2K, 1/2W, 1%	1
33	R12	1431 6788	Resistor, 1.2, 1/2W, 5%	1
34	R13,19	1114 8982	Resistor, 110, 1/2W, 1%	2
35	R14	1114 8709	Resistor, 51.1, 1/2W, 1%	1
36	R17	1114 8925	Resistor, 61.3 ohm, 1/2W, 1%	1
37	R18	1114 8916	Resistor, 147, 1/2W, 1%	1
38	CR1-8,11-13 CR17 & CR 18	1126 8779	Diode, IN4004	13
39	CR9,10	1431 6954	Diode, IN5624	2
40	CR14	1431 6967	Diode, Zener IN5279B	1
41	CR15,16	1431 4745	Diode, IN1199A	2
42	SCR1	1431 7192	E. C. Rectifier 2N681	1
43	T1	1431 7405	Transformer 50/50 Hz.	1
44	VR1	7004 9472	Voltage Reg. MC1469R	1

DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECI- FIED. TOLERANCES ARE AS FOLLOWS: FRACTIONAL: DECIMAL: .001 ANGULAR: .001	DRAWN CHECKED	Burroughs Corporation CONTRACT NO. _____ SCALE: _____	CHEMATIC 50/50 POWER SUPPLY 1431 7515	REV 2
	CHECKED <i>[Signature]</i>			REV OF 2
	DATE <i>5/74</i>			DATE <i>5/74</i>
	APPROVED <i>[Signature]</i>			APPROVED

DWG NO 1431 9990
 NAME OF PART BOARD
 REVISED AL 6-29-72



REV	DATE	CHANGE
B	6-29-72	ISSUE. REV. FOR PARTS LIST. REV. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

NOTE:
 1. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.
 2. DIMENSIONS OF DIM NO 431 1991.
 3. DO NOT SCALE DRAWING.

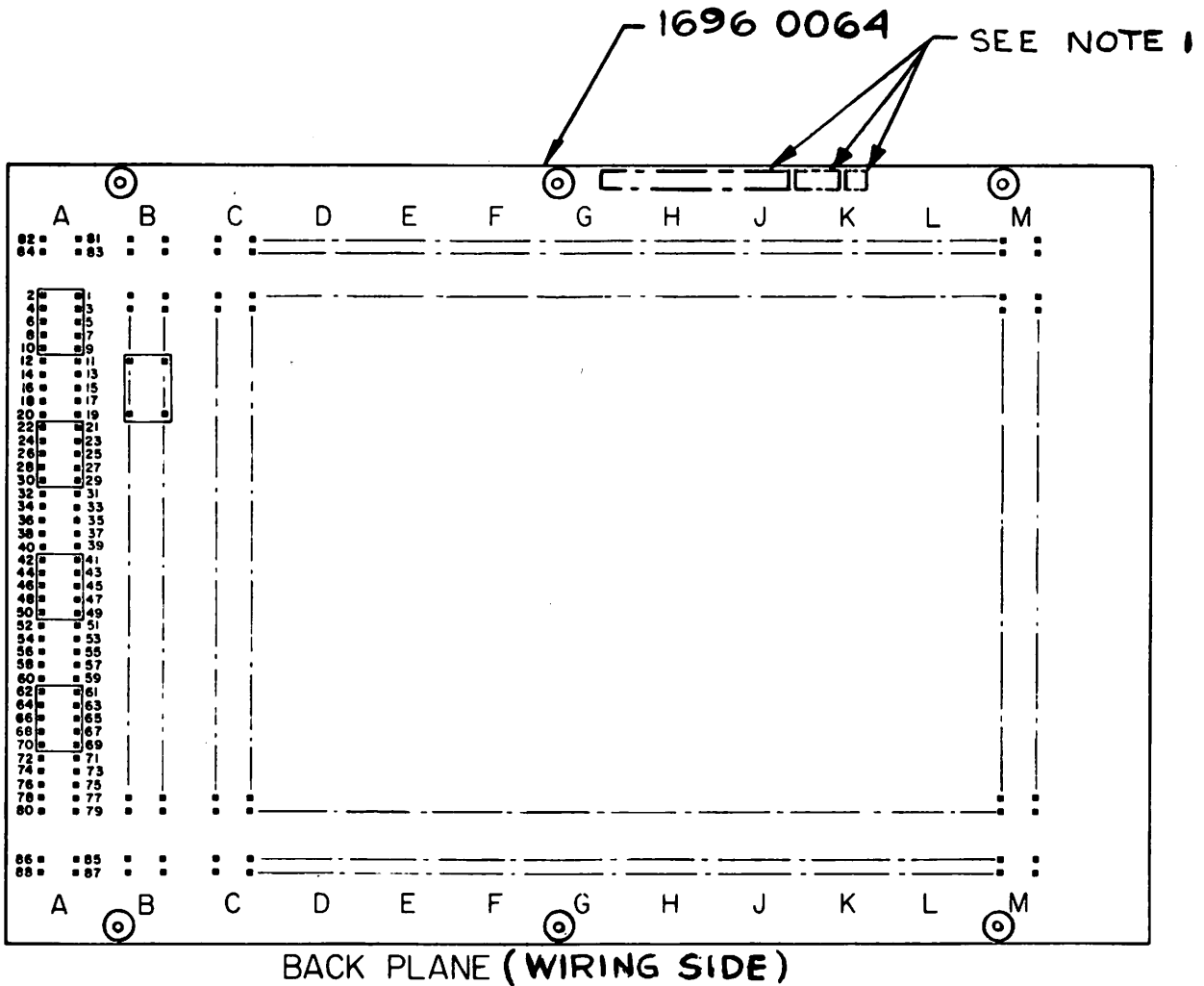
TECHNICAL SERVICES APPROVAL				LAYOUT NO		GEN QUAL SPECS	
METALLURGICAL	DATE	CHEMICAL	DATE	COMPONENTS	DATE	1163 5543	APPLY
TOLERANCES UNLESS OTHERWISE NOTED				DRAWN	DATE	Burroughs Corporation	
.005 & .01 ANGLES 5 0' 30"				E.N.	6-12-72	HOLLYWOOD PLANT 013	
MATERIAL				CHECKED	DATE	HOLLYWOOD FLORIDA 33020	
HEAT TREATMENT				DESIGN ENGR	DATE	U.S. AMERICA	
SURFACE TREATMENT				APPROVED	DATE	TITLE ASSEMBLY BOARD	
PROPERTY TO BURROUGHS CORP. - NOT TO BE REPRODUCED NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT				SCALE	SHEET	DWG NO	REV
				1	OF 1	1431 9990	C

Burroughs Corporation
 ELECTRONIC COMPONENTS DIVISION
 PLAINFIELD, NEW JERSEY 07061 U. S. AMERICA



SHEET 3 of 30	DWG NO. 2551 0645	REV. F
CLASS CODE 2-8050	TITLE ASSEMBLY, AUTOMATICALLY WIRED BACK PLANE (A3A2A2W1)	
DRAWN BY GM	CHK STD & REC MR	CHECK F P F MR
DATE 1.22.73	DATE 1.23.73	DATE 1.25.73
	DATE 1/23/73	DATE 7/24/73

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



NOTE:
 1. RUBBER STAMP PART NO. '2551 0645', 'REV' AND
 LATEST REVISION LETTER TO WHICH PART IS
 MANUFACTURED. LOCATE APPROX AS SHOWN.



Burroughs Corporation ELECTRONIC COMPONENTS DIVISION PLAINFIELD, NEW JERSEY, 07061 U. S. AMERICA		SHEET	DWG NO.	REV	
		4 OF 30	2551 0645	D	
PROPRIETARY TO BURROUGHS CORPORATION-NOT TO BE REPRODUCED, NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT.		CLASS CODE	TITLE		
		DRAWN BY	CHK STD & REC	CHECK F F & F	DSGN
DATE	DATE	DATE	DATE	DATE	

WIRE NO.	MNEMONIC	FROM	LEVEL	TO	LEVEL	REMARKS
	AD1---0	L-46	2	+K-25	2	
		+K-25	1	J-20	1	
	AD1---1	+K-20	1	J-45	1	
	AD2---0	L-48	2	+K-24	2	
		+K-24	1	J-53	1	
	AD2---1	+K-40	1	J-39	1	
	AD3---0	L-50	2	+K-26	2	
		+K-26	1	J-31	1	
	AD3---1	+K-36	1	J-33	1	
	AD4---0	L-52	2	+K-28	2	
		+K-28	1	J-30	1	
	AD4---1	+K-34	1	J-6	1	
	AD5---0	+K-27	1	J-24	1	
	AD5---1	L-54	2	+K-7	2	
		+K-7	1	J-48	1	
	AD6---0	L-40	2	+K-11	2	
		+K-11	1	J-14	1	
	AD6---1	+K-9	1	J-44	1	



Burroughs Corporation
 ELECTRONIC COMPONENTS DIVISION
 PLAINFIELD, NEW JERSEY 07061 U. S. AMERICA



SHEET 5 of 30	DWG NO. 2551 0645		REV D
CLASS CODE	TITLE ASSEMBLY, AUTOMATICALLY WIRED BACK PLANE (A3A2A2W1), D/L2		
DRAWN BY	CHK STD & REC	CHECK F F & F	DSGN
DATE	DATE	DATE	DATE
APPROVED		APPROVED	

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

WIRE NO.	MNEMONIC	FROM	LEVEL	TO	LEVEL	REMARKS
	AD7---0	+K-13	1	J-38	1	
	AD7---1	L-38	2	+K-16	2	
		+K-16	1	J-49	1	
	APC---0	+K-15	2	J-42	2	
		J-42	1	H-60	1	
	AR----0	G-7	1	H-7	1	
		H-7	2	J-26	2	
		J-26	1	+K-3	1	
		+K-3	2	L-44	2	
	AT----1	G-52	2	H-28	2	
		H-28	1	+K-8	1	
	BADE-01	A-27	1	H-39	1	
		H-39	2	L-43	2	
	BALRMOO	A-55	2	F-29	2	
		F-29	1	H-61	1	
	BBSY-00	D-79	1	E-35	1	
		E-35	2	F-41	2	
		F-41	1	H-71	1	
		H-71	2	L-47	2	



Burroughs Corporation
 ELECTRONIC COMPONENTS DIVISION
 PLAINFIELD, NEW JERSEY 07061 U. S. AMERICA



SHEET 6 of 30	DWG NO. 2551 0645			REV E
CLASS CODE	TITLE ASSEMBLY, AUTOMATICALLY WIRED BACK PLANE (A3A2A2W1), D/L2			
DRAWN BY	CHK STD & REC	CHECK F P & F	DSGN	APPROVED
DATE	DATE	DATE	DATE	DATE

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

WIRE NO.	MNEMONIC	FROM	LEVEL	TO	LEVEL	REMARKS
ⓔ2	BCA--00	B-13	1	A-20	1	
		A-20	2	D-61	2	
		D-61	1	E-14	1	
		E-14	2	E-7	2	
		E-7	1	F-43	1	
		F-43	2	H-40	2	
		H-40	1	L-6	1	
	BCB--00	A-53	1	D-24	1	
		D-24	2	E-9	2	
		E-9	1	F-33	1	
		F-33	2	J-54	2	
	BCD--00	A-5	1	D-27	1	
		D-27	2	E-51	2	
		E-51	1	F-42	1	
		F-42	2	J-69	2	
	BCR--00	A-7	1	D-28	1	
		D-28	2	E-55	2	
		E-55	1	F-37	1	
		F-37	2	H-26	2	
		H-26	1	J-71	1	



Burroughs Corporation
 ELECTRONIC COMPONENTS DIVISION
 PLAINFIELD, NEW JERSEY 07061 U. S. AMERICA



SHEET
7 of 30

DWG NO. 2551 0645

REV
D

CLASS CODE TITLE ASSEMBLY, AUTOMATICALLY WIRED BACK
PLANE (A3A2A2W1), D/L2

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

DRAWN BY	CHK STD & REC	CHECK FF & F	D9GN	APPROVED
DATE	DATE	DATE	DATE	DATE

WIRE NO.	MNEMONIC	FROM	LEVEL	TO	LEVEL	REMARKS
	BCU--00	A-47	1	D-41	1	
		D-41	2	E-43	2	
		E-43	1	F-44	1	
		F-44	2	J-76	2	
	BDLT-00	E-37	2	F-56	2	
	BD1---0	A-69	1	B-40	1	
	BD1--01	A-35	2	B-75	2	
		B-75	1	E-76	1	
		E-76	2	F-61	2	
		F-61	1	J-13	1	
		J-13	2	L-23	2	
	BD2---0	A-67	1	B-44	1	
	BD2--01	A-39	1	B-68	1	
		B-68	2	E-74	2	
		E-74	1	F-65	1	
		F-65	2	J-40	2	
		J-40	1	L-20	1	
	BD3---0	A-65	1	B-37	1	



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

WIRE NO.	MNEMONIC	FROM	LEVEL	TO	LEVEL	REMARKS
	BDS--01	A-41	2	B-77	2	
		B-77	1	E-78	1	
		E-78	2	F-57	2	
		F-57	1	J-4	1	
		J-4	2	L-22	2	
	BD4---0	A-63	1	B-46	1	
	BD4--01	A-43	1	B-66	1	
		B-66	2	E-72	2	
		E-72	1	F-53	1	
		F-53	2	J-67	2	
		J-67	1	L-24	1	



Burroughs Corporation
 ELECTRONIC COMPONENTS DIVISION
 PLAINFIELD, NEW JERSEY 07061 U. S. AMERICA



SHEET
9 OF **30**

DWG NO

2551 0645

REV
D

CLASS CODE

TITLE **ASSEMBLY, AUTOMATICALLY WIRED
 BACK PLANE (A3A2A2W1), D/L2**

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

DRAWN BY

CHK STD & REC

CHECK F & F

DSSN

APPROVED

DATE

DATE

DATE

DATE

DATE

WIRE NO.	MNEMONIC	FROM	LEVEL	TO	LEVEL	REMARKS
	BD5---0	A-61	1	B-60	1	
	BD5--01	A-45	2	B-64	2	
		B-64	1	E-69	1	
		E-69	2	F-45	2	
		F-45	1	J-16	1	
		J-16	2	L-30	2	
	BD6---0	A-71	1	B-62	1	
	BD6--01	E-66	2	F-47	2	
		F-47	1	J-12	1	
		J-12	2	L-28	2	
	BD7--01	C-6	1	E-71	1	
		E-71	2	F-39	2	
		F-39	1	J-56	1	
		J-56	2	L-26	2	
	BERS-00	E-36	1	F-76	1	
		F-76	2	H-9	2	
		H-9	1	J-19	1	
	BFAST00	+E-21	1	D-17	1	
	BFG--00	E-8	1	F-72	1	
		F-72	2	G-22	2	
		G-22	1	J-68	1	
		J-68	2	L-32	2	



Burroughs Corporation
 ELECTRONIC COMPONENTS DIVISION
 PLAINFIELD, NEW JERSEY 07061 U. S. AMERICA



SHEET 10 of 30	DWG NO. 2551 0645	REV D
CLASS CODE	TITLE ASSEMBLY, AUTOMATICALLY WIRED BACK PLANE (A3A2A2W1), D/L2	
DRAWN BY	CHK STD & REC	CHECK F F & F
DATE	DATE	DATE
	DSGN	APPROVED
	DATE	DATE

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

WIRE NO.	MNEMONIC	FROM	LEVEL	TO	LEVEL	REMARKS
	BHOME00	A-40	1	D-43	1	
		D-43	2	E-60	2	
		E-60	1	F-74	1	
		F-74	2	H-11	2	
		H-11	1	J-70	1	
	BINS-00	E-20	1	F-35	1	
	BLCLS00	E-58	1	F-71	1	
		F-71	2	G-69	2	
		G-69	1	K-38	1	
	BLEA-00	A-32	2	A-30	2	
		A-30	1	E-41	1	
		E-41	2	H-73	2	
		H-73	1	G-17	1	
		G-17	2	L-49	2	
	BPADV00	A-38	1	E-59	1	
		E-59	2	F-68	2	
		F-68	1	H-13	1	
		H-13	2	J-72	2	

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SHEET 11 OF 30

DWG NO. 2551 0645

REV D.

CLASS CODE TITLE ASSEMBLY, AUTOMATICALLY WIRED
 BACK PLANE (A3A2A2W1), D/L2

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

DRAWN BY	CHK STD & REC	CHECK F F & F	DSGN	APPROVED
DATE	DATE	DATE	DATE	DATE

WIRE NO.	MNEMONIC	FROM	LEVEL	TO	LEVEL	REMARKS
	BPENAOO	A-33	1	B-45	1	
		E-45	2	F-66	2	
		F-66	1	H-75	1	
	BPLC-00	A-6	1	D-5	1	
		D-5	2	E-28	2	
		E-28	1	G-18	1	
	BPRNTOO	F-70	1	L-25	1	
	BRCVSOO	F-58	2	G-67	2	
		G-67	1	H-19	1	
		H-19	2	L-27	2	
	BRW--00	D-15	2	E-50	2	
		E-50	1	F-49	1	
		F-49	2	H-62	2	
		H-62	1	L-33	1	
	BTAB-00	E-38	1	F-62	1	
		F-62	2	J-52	2	
	BWRT-00	E-46	2	F-60	2	
		F-60	1	H-36	1	
	BXMTSOO	F-67	2	G-56	2	
		G-56	1	H-59	1	



Burroughs Corporation
 ELECTRONIC COMPONENTS DIVISION
 PLAINFIELD, NEW JERSEY 07061 U. S. AMERICA



SHEET 12 of 30	DWG NO 2551 0645		REV A
CLASS CODE	TITLE ASSEMBLY, AUTOMATICALLY WIRED BACK PLANE (A3A2A2W1), D/L2		
DRAWN BY	CHK STD & REC	CHECK F F & F	D9GN
DATE	DATE	DATE	DATE
		APPROVED	DATE

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

WIRE NO.	MNEMONIC	FROM	LEVEL	TO	LEVEL	REMARKS
	CD6---1	A-14	1	B-27	1	
		B-27	2	+E-75	2	
	CEA1--1	D-6	1	+E-34	1	
		+E-34	2	H-35	2	
	CEA2--1	D-11	1	+E-39	1	
		+E-39	2	H-33	2	
	CEA3--1	D-4	1	+E-33	1	
		+E-33	2	H-31	2	
	CEA4--1	D-8	1	+E-31	1	
		+E-31	2	H-27	2	
	CEA5--1	D-20	1	+E-12	1	
		+E-12	2	H-53	2	
	CEA6--1	D-12	1	+E-11	1	
		+E-11	2	H-57	2	
	CEA7--1	D-14	1	+E-13	1	
		+E-13	2	H-43	2	



Burroughs Corporation
 ELECTRONIC COMPONENTS DIVISION
 PLAINFIELD, NEW JERSEY 07061 U. S. AMERICA



SHEET 13 of 30	DWG NO. 2551 0645	REV D
CLASS CODE	TITLE ASSEMBLY, AUTOMATICALLY WIRED BACK PLANE (A3A2A2W1), D/L2	
DRAWN BY	CHK STD & REC	CHECK FF & F
DATE	DATE	DATE
	DSON	APPROVED
	DATE	DATE

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

WIRE NO.	MNEMONIC	FROM	LEVEL	TO	LEVEL	REMARKS
	CEA8--1	D-68	1	+E-15	1	
		+E-15	2	H-47	2	
	CFORM--1	+E-52	2	F-18	2	
		F-18	1	G-24	1	
		G-24	2	L-56	2	
	CLEAR-1	+E-54	1	F-15	1	
		F-15	2	G-54	2	
		G-54	1	H-14	1	
		H-14	2	K-66	2	
		K-66	1	L-29	1	
	CLOCK-0	+E-47	2	F-21	2	
		F-21	1	G-10	1	
		G-10	2	H-16	2	
		H-16	1	K-4	1	
		K-4	2	L-39	2	
	CPST--0	+E-49	1	G-42	1	
		G-42	2	H-22	2	
	CRDY--0	+E-22	1	H-64	1	
	OSCAN-1	+E-24	1	H-8	1	

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 PLAINFIELD, NEW JERSEY 07061 U. S. AMERICA



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DWG NO. 2551 0645

REV
D

CLASS CODE TITLE ASSEMBLY, AUTOMATICALLY WIRED
BACK PLANE (A3A2A2W1), D/L2

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

DRAWN BY CHK STD & REC CHECK FF & F DSGN APPROVED
 DATE DATE DATE DATE DATE

WIRE NO.	MNEMONIC	FROM	LEVEL	TO	LEVEL	REMARKS
	CWRT--1	D-63	1	+E-18	1	
	EEA9--1	+A-29	1	A-8	1	
	EEA10-1	+A-25	1	A-10	1	
	EMSIB-0	+A-37	1	B-1	1	
		B-1	2	E-5	2	
		E-5	1	L-4	1	
	ENABL-0	+A-31	1	H-24	1	
	EPARA-0	+A-54	1	A-34	1	
	EPG1--0	+A-16	1	B-72	1	
		B-72	2	C-28	2	
		C-28	1	E-65	1	
	EPG2--0	+A-64	1	C-14	1	
	EPG3--0	+A-60	1	C-12	1	
	EPG4--0	+A-58	1	C-10	1	
	EP7---1	+C-21	1	E-4	1	
	GP5V--1	+C-25	1	D-53	1	



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SHEET 15 OF 30	DWG NO. 2551 0645	REV A
CLASS CODE	TITLE ASSEMBLY, AUTOMATICALLY WIRED BACK PLANE (A3A2A2W1), D/L2	
DRAWN BY	CHK STD & REC	CHECK FF & F
DATE	DATE	DATE
	DSGN	APPROVED
	DATE	DATE

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

WIRE NO.	MNEMONIC	FROM	LEVEL	TO	LEVEL	REMARKS
	GUOP--1	+G-5	1	D-70	1	
	HACK-DO	G-74	1	+J-65	1	
	HANSOSO	+J-34	1	G-40	1	
	HBSL-DO	G-66	2	H-70	2	
		H-70	1	+J-66	1	
	HCCD--1	H-20	1	+J-32	1	
	HCMP-01	G-48	1	H-41	1	
		H-41	2	+J-37	2	
	HCON-DO	G-60	1	+J-51	1	
	HDC1-DO	H-50	1	+J-58	1	
	HDLE-DO	H-5	1	+J-77	1	
	HD1---1	J-8	1	K-30	1	



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SHEET
16 OF 30

DWG NO
2551 0645

REV
A

CLASS CODE TITLE ASSEMBLY, AUTOMATICALLY WIRED
BACK PLANE (A3A2A2W1), D/L2

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

DRAWN BY CHK STD & REC CHECK F F & F DSGN APPROVED
DATE DATE DATE DATE DATE

WIRE NO.	MNEMONIC	FROM	LEVEL	TO	LEVEL	REMARKS
	HD2---1	+J-41	1	K-33	1	
	HD3---1	+J - 43	1	K-31	1	
	HD4---1	+J-35	1	K-29	1	
	HD5---1	+J-50	1	K-18	1	
	HD6---1	+J-46	1	K-23	1	
	HD7---1	+J-47	1	K-19	1	
	HENQ-DO	G-15	1	+J-63	1	
	HEQT-DO	G-75	1	+J-55	1	
		+J-55	2	K-35	2	
	HETX-DO	G-3	1	+J-57	1	
	HESL-DO	G-62	1	+J-60	1	
	HNAK-DO	G-61	1	+J-73	1	
	HNUL-DO	G-64	1	+J-61	1	



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SHEET 17 of 30	DWG NO. 2551 0645	REV D
CLASS CODE	TITLE ASSEMBLY, AUTOMATICALLY WIRED BACK PLANE (A3A2A2W1), D/L2	
DRAWN BY	CHK STD & REC	CHECK FF & F
DATE	DATE	DATE
	DSGN	APPROVED
	DATE	DATE

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

WIRE NO.	MNEMONIC	FROM	LEVEL	TO	LEVEL	REMARKS
	HPOL-DO	G-76	1	+J-64	1	
	HSEL-DO	G-77	1	+J-62	1	
	HSTX-DO	G-13	1	+J-59	1	
	KLTAI-0	+F-51	1	K-10	1	
	KSCAN-1	F-7	1	L-45	1	
	MAD1--1	A-76	1	B-10	1	
		B-10	2	C-56	2	
	MAD2--1	A-57	1	B-20	1	
		B-20	2	C-55	2	
	MAD3--1	A-62	1	B-12	1	
		B-12	2	C-54	2	
	MAD4--1	A-59	1	B-24	1	
		B-24	2	C-42	2	
	MAD5--1	A-74	1	B-8	1	
		B-8	2	C-50	2	



Burroughs Corporation
 ELECTRONIC COMPONENTS DIVISION
 PLAINFIELD, NEW JERSEY 07061 U. S. AMERICA



SHEET 18 of 30	DWG NO. 2551 0645		REV B
CLASS CODE	TITLE ASSEMBLY, AUTOMATICALLY WIRED BACK PLANE (A3A2A2W1), D/L2		
DRAWN BY	CHK STD & REC	CHECK FF&F	DSGN
DATE	DATE	DATE	DATE
APPROVED			

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

WIRE NO.	MNEMONIC	FROM	LEVEL	TO	LEVEL	REMARKS
	MAD6--1	A-68	1	B-50	1	
		B-50	2	C-51	2	
	MAD7--1	A-72	1	B-58	1	
		B-58	2	C-38	2	
	MAD8--1	A-70	1	B-48	1	
		B-48	2	C-40	2	
	MBRF--1	+B-14	2	D-35	2	
	MCGA--1	+B-11	1	D-74	1	
	MCOM--1	+B-71	2	D-57	2	
	MD1---1	+B-70	2	C-79	2	
		C-79	1	E-68	1	
	MD2--1	+B-74	2	C-75	2	
		C-75	1	E-70	1	
	MD3---1	+B-76	2	C-73	2	
		C-73	1	E-64	1	



Burroughs Corporation
 ELECTRONIC COMPONENTS DIVISION
 PLAINFIELD, NEW JERSEY 07061 U. S. AMERICA



SHEET 19 OF 30	DWG NO 2551 0645	REV B
CLASS CODE	TITLE ASSEMBLY, AUTOMATICALLY WIRED BACK PLANE (A3A2A2W1), D/L2	
DRAWN BY	CHK STD & REC	CHECK FFB F
DATE	DATE	DATE
	DSGN	APPROVED
	DATE	DATE

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

WIRE NO.	MNEMONIC	FROM	LEVEL	TO	LEVEL	REMARKS
	MD4---1	+B-78	2	C-69	2	
		C-69	1	E-62	1	
	MD5---1	+B-80	2	C-67	2	
		C-67	1	E-32	1	
	MD6---1	+B-79	2	C-77	2	
		C-77	1	E-73	1	
	MDTC--0	B-25	1	C-8	1	
		C-8	2	E-3	2	
	MDTC--1	A-28	2	+B-15	2	
		+B-15	1	D-55	1	
		D-55	2	E-17	2	
	MENA--0	+B-9	2	C-43	2	
	MRA1--1	+B-55	1	C-11	1	
	MRA2--1	+B-53	1	C-7	1	
	MRA3--1	+B-61	1	C-9	1	



Burroughs Corporation



ELECTRONIC COMPONENTS DIVISION
PLAINFIELD, NEW JERSEY 07061 U. S. AMERICA

SHEET

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DWG NO

2551 0645

REV

A

CLASS CODE

TITLE ASSEMBLY, AUTOMATICALLY WIRED
BACK PLANE (A3A2A2W1), D/L2

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

DRAWN BY

CHK STD & REC

CHECK FF & F

DSGN

APPROVED

DATE

DATE

DATE

DATE

DATE

WIRE NO.	MNEMONIC	FROM	LEVEL	TO	LEVEL	REMARKS
	MRA4---1	+B-39	1	D-59	1	
	MRA5--1	+B-63	1	D-66	1	
	MRA6--1	+B-45	1	D-58	1	
	MRA7--1	+B-67	1	D-52	1	
	MRA8--1	+B-41	1	D-54	1	
	MRFW--1	+B-4	1	C-1	1	
		C-1	2	D-37	2	
	MSIA--0	A-19	1	+B-3	1	
	PDEOT-1	+G-46	1	K-5	1	
	PDLE-TO	+G-72	1	J-3	1	
	OACK-S1	+G-32	1	H-68	1	
	QAD1--1	+G-4	1	J-29	1	
	QAD2--1	+G-14	1	J-28	1	



Burroughs Corporation
 ELECTRONIC COMPONENTS DIVISION
 PLAINFIELD, NEW JERSEY 07061 U. S. AMERICA



SHEET
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DWG NO
2551 0645

REV
D

CLASS CODE TITLE ASSEMBLY, AUTOMATICALLY WIRED
BACK PLANE (A3A2A2W1), D/L2

DRAWN BY CHK STD & REC CHECK F F & F DSGN APPROVED
 DATE DATE DATE DATE DATE

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

WIRE NO.	MNEMONIC	FROM	LEVEL	TO	LEVEL	REMARKS
	QENQ-S1	+G-28	1	H-52	1	
	QEOTS01	+G-26	1	H-74	1	
	QGSL-RO	+G-8	1	H-12	1	
		H-12	2	J-11	2	
	QNAK-S1	+G-20	1	H-56	1	
	OPOL-TO	+G-71	1	J-10	1	
	QRESYNO	+G-78	1	K-17	1	
	QT04--0	+G-11	1	H-23	1	
		H-23	2	J-9	2	
	QT05--1	+G-38	1	H-3	1	
		H-3	2	J-17	2	
	QT08--0	+G-6	1	J-23	1	
	QT09--0	+G-44	2	H-42	2	
		H-42	1	L-58	1	



Burroughs Corporation



ELECTRONIC COMPONENTS DIVISION
PLAINFIELD, NEW JERSEY 07061 U. S. AMERICA

SHEET 22 of 30	DWG NO. 2551 0645	REV D
CLASS CODE	TITLE ASSEMBLY, AUTOMATICALLY WIRED BACK PLANE (A3A2A2W1), D/L2	
DRAWN BY	CHK STD & REC	CHECK P F & F
DATE	DATE	DATE
DSGN		APPROVED
DATE	DATE	DATE

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

WIRE NO.	MNEMONIC	FROM	LEVEL	TO	LEVEL	REMARKS
	QT10--0	+G-34	2	H-67	2	
		H-67	1	J-78	1	
		J-78	2	L-36	2	
	QT11--0	+G-9	1	H-21	1	
		H-21	2	J-21	2	
		J-21	1	K-21	1	
	QXMN-C1	+G-73	1	H-18	1	
	QXMT-S1	+G-58	1	H-76	1	
	TACC--1	B-21	1	+D-72	1	
	TCC1--0	B-29	1	C-53	1	
		C-53	2	+D-75	2	
	TCC2--0	C-46	1	+D-73	1	
	TCC3--0	C-48	1	+D-71	1	
	TCC4--0	C-74	1	+D-67	1	
	TCC5--0	C-70	1	+D-76	1	



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SHEET 23 OF 30	DWG NO. 2551 0645	REV D
CLASS CODE	TITLE ASSEMBLY, AUTOMATICALLY WIRED BACK PLANE (A3A2A2W1), D/L2	
DRAWN BY	CHK STD & REC	CHECK FF & F
DATE	DATE	DATE
	DSGN	APPROVED
	DATE	DATE

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

WIRE NO.	MNEMONIC	FROM	LEVEL	TO	LEVEL	REMARKS
	TCC6--0	C-61	1	+D-78	1	
	TCC7--0	C-63	1	+D-77	1	
	TCSR--1	C-34	1	+D-39	1	
	TDEB--0	C-2	1	+D-65	1	
	TGFW--1	A-66	1	B-35	1	
		B-35	2	C-27	2	
		C-27	1	+D-51	1	
	TKN---1	+D-47	1	E-6	1	
		E-6	2	H-44	2	
		H-44	1	L-8	1	
	TPST--1	A-13	1	D-21	1	
		D-21	2	E-56	2	
	TRCI--1	C-45	1	+D-33	1	
	TRDW--0	B-19	1	+D-60	1	
	TRES--0	B-23	1	C-3	1	
		C-3	2	C-57	2	
		C-57	1	+D-69	1	

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 PLAINFIELD, NEW JERSEY 07061 U. S. AMERICA



SHEET 24 of 30	DWG NO 2551 0645		REV E
CLASS CODE	TITLE ASSEMBLY, AUTOMATICALLY WIRED BACK PLANE (A3A2A2W1), D/L2		
DRAWN BY	CHK STD & REC	CHECK F & F	D3GN
DATE	DATE	DATE	DATE
			APPROVED
			DATE

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

WIRE NO.	MNEMONIC	FROM	LEVEL	TO	LEVEL	REMARKS
	TSTT-60	A-52	1	B-5	1	
		B-5	2	+D-45	2	
(E3)						
	TTM1--1	B-2	1	+D-3	1	
		+D-3	2	E-77	2	
	TTM1-31	C-71	1	+D-1	1	
	TTM3--1	B-33	1	+D-10	1	
	TTM4--1	B-31	1	C-26	1	
		C-26	2	+D-30	2	
	TTM6--1	B-17	1	+D-2	1	
	TTM6-31	C-37	1	+D-23	1	
	TWA1--1	B-57	1	+D-7	1	
		+D-7	2	E-42	2	
		E-42	1	F-25	1	
		F-25	2	H-37	2	

Burroughs Corporation 
 ELECTRONIC COMPONENTS DIVISION
 PLAINFIELD, NEW JERSEY 07061 U. S. AMERICA

SHEET
25 of 30

DWG NO. 2551 0645

REV
A

CLASS CODE TITLE ASSEMBLY, AUTOMATICALLY WIRED
 BACK PLANE (A3A2A2W1), D/L2

DRAWN BY	CHK STD & REC	CHECK F F & F	DSGN	APPROVED
DATE	DATE	DATE	DATE	DATE

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

WIRE NO.	MNEMONIC	FROM	LEVEL	TO	LEVEL	REMARKS
	TWA2--1	B-51	1	+D-9	1	
		+D-9	2	E-40	2	
		E-40	1	F-26	1	
		F-26	2	H-38	2	
	TWA3--1	A-12	1	B-59	1	
		B-59	2	+D-26	2	
		+D-26	1	E-44	1	
		E-44	2	F-24	2	
		F-24	1	H-29	1	
	TWA4--1	B-47	1	+D-18	1	
		+D-18	2	E-26	2	
		E-26	1	F-22	2	
		F-22	2	H-25	2	
	TWA5--1	B-65	1	+D-22	1	
		+D-22	2	E-23	2	
		E-23	1	F-20	1	
		F-20	2	H-51	2	

Burroughs Corporation
 ELECTRONIC COMPONENTS DIVISION
 PLAINFIELD, NEW JERSEY 07061 U. S. AMERICA



SHEET 26 of 30	DWG NO 2551 0645		REV E
CLASS CODE	TITLE ASSEMBLY, AUTOMATICALLY WIRED BACK PLANE (A3A2A2W1), D/L2		
DRAWN BY	CHK STD & REC	CHECK FF & F	DSGN
DATE	DATE	DATE	DATE
		APPROVED	
		DATE	

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

WIRE NO.	MNEMONIC	FROM	LEVEL	TO	LEVEL	REMARKS
	TWA6--1	B-43	1	+D-16	1	
		+D-16	2	E-16	2	
		E-16	1	F-27	1	
		F-27	2	H-55	2	
	TWA7--1	B-69	1	+D-13	1	
		+D-13	2	E-27	2	
		E-27	1	F-17	1	
		F-17	2	H-45	2	
	TWA8--1	B-49	1	+D-25	1	
		+D-25	2	E-29	2	
		E-29	1	F-19	1	
		F-19	2	H-49	2	
		H-49	1	L-31	1	
	T4HZ--1	A-11	2	+D-64	2	
		+D-64	1	F-75	1	
(E1)		F-75	2	L-66	2	
	VACK-TO	G-68	1	+H-72	1	
		+H-72	2	J-22	2	
	VDLE--1	G-65	1	+H-77	1	
		+H-77	2	L-42	2	
	VERR--0	G-30	1	+H-32	1	



Burroughs Corporation
 ELECTRONIC COMPONENTS DIVISION
 PLAINFIELD, NEW JERSEY 07061 U. S. AMERICA



SHEET
27 of 30

DWG NO. 2551 0645

REV
D

CLASS CODE TITLE ASSEMBLY, AUTOMATICALLY WIRED
 BACK PLANE (A3A2A2W1), D/L2

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

DRAWN BY	CHK STD & REC	CHECK P F & F	DSGN	APPROVED
DATE	DATE	DATE	DATE	DATE

WIRE NO.	MNEMONIC	FROM	LEVEL	TO	LEVEL	REMARKS
	VETX-TO	G-5	1	+H-58	1	
		+H-58	2	J-5	2	
	VEOT-TO	G-59	1	+H-15	1	
		+H-15	2	J-18	2	
		J-18	1	K-32	1	
	VLCLM-0	A-48	1	H-46	1	
	VNAK-TO	G-70	1	+H-54	1	
		+H-54	2	J-7	2	
	VRCVM-0	G-16	1	+H-34	1	
		+H-34	2	L-34	2	
	VRD---1	+H-78	1	J-74	1	
	VRX---0	+H-17	1	J-25	1	
	VSCAN-1	F-5	1	+H-6	1	
	VSTX-TO	+H-66	1	J-27	1	
	VX---0	+H-4	1	K-22	1	
	VXD--1	+H-69	1	J-36	1	



Burroughs Corporation
 ELECTRONIC COMPONENTS DIVISION
 PLAINFIELD, NEW JERSEY 07061 U. S. AMERICA



SHEET
28 of 30

DWG NO. 2551 0645

REV
A

CLASS CODE TITLE ASSEMBLY, AUTOMATICALLY WIRED
 BACK PLANE (A3A2A2W1), D/L2

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

DRAWN BY CHK STD & REC CHECK F F & F DSGN APPROVED
 DATE DATE DATE DATE DATE

WIRE NO.	MNEMONIC	FROM	LEVEL	TO	LEVEL	REMARKS
	VXMT--0	G-12	1	+H-63	1	
		+H-63	2	K-42	2	
	VXMN--1	+H-30	1	J-15	1	
	VXMTM-0	G-36	1	+H-65	1	
	XP5V--1	A-1	2	A-83	2	
		A-1	1	A-84	1	
		A-80	2	A-85	2	
		A-80	1	A-86	1	
		B-6	2	B-83	2	
		B-6	1	B-84	1	
		B-73	2	B-85	2	
		B-73	1	B-86	1	
		C-32	2	C-83	2	
		C-32	1	C-84	1	
		C-52	2	C-85	2	
		C-52	1	C-86	1	
		D-32	2	D-83	2	
		D-32	1	D-84	1	
		D-50	2	D-85	2	
	XP5V--1	D-50	1	D-86	1	



Burroughs Corporation
 ELECTRONIC COMPONENTS DIVISION
 PLAINFIELD, NEW JERSEY 07061 U. S. AMERICA



SHEET
29 of 30

DWG NO. 2551 0645

REV
A

CLASS CODE TITLE ASSEMBLY, AUTOMATICALLY WIRED
 BACK PLANE (A3A2A2W1), D/L2

DRAWN BY CHK STD & REC CHECK FF & F DSGN APPROVED

DATE DATE DATE DATE DATE

PROPRIETARY TO BURROUGHS CORPORATION-NOT TO BE REPRODUCED NOR USED
 FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRICE
 WRITTEN CONSENT.

WIRE NO.	MNEMONIC	FROM	LEVEL	TO	LEVEL	REMARKS
	XP5V--1	E-1	2	E-83	2	
		E-1	1	E-84	1	
		E-80	2	E-85	2	
		E-80	1	E-86	1	
		F-1	2	F-83	2	
		F-1	1	F-84	1	
		F-80	2	F-85	2	
		F-80	1	F-86	1	
		G-1	2	G-83	2	
		G-1	1	G-84	1	
		G-80	2	G-85	2	
		G-80	1	G-86	1	
		H-1	2	H-83	2	
		H-1	1	H-84	1	
		H-80	2	H-85	2	
		H-80	1	H-86	1	
		J-1	2	J-83	2	
		J-1	1	J-84	1	
		J-80	2	J-85	2	
		J-80	1	J-86	1	
		K-1	2	K-83	2	
		K-1	1	K-84	1	
		K-80	2	K-85	2	
	XP5V--1	K-80	1	K-86	1	

Burroughs Corporation
 ELECTRONIC COMPONENTS DIVISION
 PLAINFIELD, NEW JERSEY 07061 U.S. AMERICA



SHEET 30 of 30	DWG NO. 2551 0645	REV D
CLASS CODE	TITLE ASSEMBLY, AUTOMATICALLY WIRED BACK PLANE (A3A2A2W1), D/L2	
DRAWN BY	CHK STD & REC	CHECK FF & F
DATE	DATE	DATE
	D5GN	APPROVED
	DATE	DATE

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

WIRE NO.	MNEMONIC	FROM	LEVEL	TO	LEVEL	REMARKS
	XP5V--1	L-1	2	L-83	2	
		L-1	1	L-84	1	
		L-80	2	L-85	2	
		L-80	1	L-86	1	
		M-1	2	M-83	2	
		M-1	1	M-84	1	
		M-80	2	M-85	2	
	XP5V--1	M-80	1	M-86	1	
	XGRD--0	A-2	1	A-22	1	
	XP12V-1	K-56	2	K-81	2	
		K-56	1	K-82	1	
		L-64	2	L-81	2	
		L-64	1	L-82	1	
	XN12V-1	A-77	1	A-87	1	
		A-77	2	A-88	2	
		A-78	1	A-87	1	
		A-78	2	A-88	2	
		B-56	2	B-87	2	
		B-56	1	B-88	1	
		C-13	2	C-87	2	
		C-13	1	C-88	1	
		K-55	2	K-87	2	
	XN12V-1	K-55	1	K-88	1	

Burroughs Corporation
 ELECTRONIC COMPONENTS DIVISION
 PLAINFIELD, NEW JERSEY 07061 U.S. AMERICA



DWG. NO.
2551 0637

DATE
1-22-73

TITLE
WIRE LIST, CONNECTIONS TO BACK PLANE, D/L 2

SHEET 1 OF 10

35 MMB MM

REVISION		STATUS OF SHEETS														DESCRIPTION	DRAFTSMAN	CHECKER		
LTR	NUMBER	1	2	3	4	5	6	7	8	9	10	11	12	13	14				15	16
A		A	A	A	A	A	A	A	A	A	A							REVISED JAN 24 1973		
B	ECN 4162	B	A	A	A	A	A	A	B	A	A							(1) WAS "+C-58"	GM 3-9-73	RFN 3-12-73
C	ECN 4187	C	C	A	A	A	A	A	B	A	A							(1) WAS "QT10--0 +A2-G-34"	GM 3-13-73	RFN 3-14-73

CLASS CODE
2.9520

REVISED 10-1-68

ECD 250



Burroughs Corporation
ELECTRONIC COMPONENTS DIVISION
PLAINFIELD, NEW JERSEY 07061 U. S. AMERICA



SHEET 2 OF 10	DWG NO. 2551 0637	REV A
CLASS CODE 2.9520	WIRE LIST, CONNECTIONS TO BACK PLANE (A3A2WI), D/L 2	
DRAWN BY GM	CHK STD & REC MR	CHECK P.P.T. MR
DATE 1-22-73	DATE 1-23-73	DATE 1-23-73
	DATE 1/23/73	DATE 1/24/73

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

WIRE NO.	MNEMONIC	FROM	LEVEL	TO	LEVEL	REMARKS
	XGRD--0	+A2-E-2		S1-2		CENTER
		S1-2		S1-5		CENTER
		+A2-F-2		S2-2		CENTER
		S2-2		S2-5		CENTER
		+A2-G-2		S3-5		CENTER
	TRDW--0	A2-B-19		S1-1		NORMALLY OPEN
	MDTC--1	+A2-A-28		S1-4		NORMALLY OPEN
	VRTEST1	+A2-H-10		S2-3		NORMALLY OPEN
	HCMP--01	+A2-G-48		S2-1		NORMALLY OPEN
(C1)	QT09--0	+A2-G-44		S2-4		NORMALLY OPEN
	APC---0	+A2-H-60		S3-4		NORMALLY OPEN
	XP16--1	A2-K-12		+P1-1		
	XP11--1	A2-K-54		+P1-2		
	XCAP--1	A2-K-14		+P1-3		

Burroughs Corporation
 ELECTRONIC COMPONENTS DIVISION
 PLAINFIELD, NEW JERSEY 07061 U. S. AMERICA



SHEET 3 of 10	DWG NO. 2551 0637	REV A
CLASS CODE	TITLE WIRE LIST, CONNECTIONS TO BACK PLANE (A3A2W1), D/L 2	
DRAWN BY	CHK STD & REC	CHECK FF & F
DATE	DATE	DATE
D3GN		APPROVED
DATE	DATE	DATE

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

WIRE NO.	MNEMONIC	FROM	LEVEL	TO	LEVEL	REMARKS
	XN12V-1	+A2-K-88		P1-4		
	XPLUS-1	+A2-K-48		P1-5		
	XP12V-1	+A2-K-82		P1-6		
	XMNUS-1	+A2-K-50		P1-7		
	XBITOS1	A2-K-78		+P1-8		
	XBITWS1	A2-K-73		+P1-9		
	XBIT6S1	A2-K-76		+P1-10		
	XGRD--0	+A2-K-2		P1-A		
	XBIT5S1	A2-K-60		+P1-B		
	XBIT4S1	A2-K-59		+P1-C		
	XBIT3S1	A2-K-69		+P1-D		
	XBIT9S1	A2-K-72		+P1-E		

Burroughs Corporation
 ELECTRONIC COMPONENTS DIVISION
 PLAINFIELD, NEW JERSEY 07061 U. S. AMERICA



SHEET 4 of 10	DWG NO. 2551 0637	REV A
CLASS CODE	TITLE WIRE LIST, CONNECTIONS TO BACK PLANE (A3A2W1), D/L 2	
DRAWN BY	CHK STD & REC	CHECK FFB F
DATE	DATE	DATE
DSGN	APPROVED	
DATE	DATE	DATE

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

WIRE NO.	MNEMONIC	FROM	LEVEL	TO	LEVEL	REMARKS
	XBITHS1	A2-K-75		+P1-F		
	XBIT8S1	A2-K-74		+P1-H		
	XP5V--1	+A2-K-84		P1-J		
	XBITES1	A2-K-77		+P1-K		
	XBIT7S1	A2-K-71		+P1-L		
	GD1--11	+C-80		J1-4		
	GD2--11	+C-65		J1-5		
	GD3--11	+C-76		J1-6		
	GD4--11	+C-78		J1-7		
	BALRMOO	+F-29		J1-9		
	GRES--0	+C-59		J1-10		
	GCC1--0	+C-49		J1-11		



Burroughs Corporation 
 ELECTRONIC COMPONENTS DIVISION
 PLAINFIELD, NEW JERSEY 07061 U. S. AMERICA

SHEET
5 of 10

DWG NO. 2551 0637

REV
A

CLASS CODE TITLE WIRE LIST, CONNECTIONS TO
BACK PLANE (A3A2W1), D/L 2

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

DRAWN BY CHK STD & REC CHECK FF&F DSGN APPROVED
 DATE DATE DATE DATE DATE

WIRE NO.	MNEMONIC	FROM	LEVEL	TO	LEVEL	REMARKS
	GLBA-11	+C-17		J1-12		
	XGRD--0	+C-41		J1-13		
		J1-13		J1-16		
		J1-16		J1-29		
		J1-29		J1-33		
	GLBB-11	+C-15		J1-14		
	GLBC-11	+C-16		J1-15		
	GLCD-11	+C-4		J1-17		
	MINH--0	+B-7		J1-19		
	GD5--11	+C-60		J1-20		
	GD6-11	+C-62		J1-21		
	GD7--11	+C-58		J1-22		
	GCC2--0	+C-44		J1-24		
	GCC3--0	+C-47		J1-25		

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 ELECTRONIC COMPONENTS DIVISION
 PLAINFIELD, NEW JERSEY 07061 U. S. AMERICA



SHEET 6 of 10	DWG NO. 2551 0637	REV A
CLASS CODE	TITLE WIRE LIST, CONNECTIONS TO BACK PLANE (A3A2W1), D/L 2	
DRAWN BY CMK STD & REC	CHECK F F & F	DGN
APPROVED		
DATE	DATE	DATE

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

WIRE NO.	MNEMONIC	FROM	LEVEL	TO	LEVEL	REMARKS
	GCC4--0	+C-72		J1-26		
	GCC5--0	+C-68		J1-27		
	GLBE-11	+C-23		J1-28		
	GLBF-11	+C-35		J1-30		
	GLBG-11	+C-24		J1-32		
	GLBH-11	+C-22		J1-34		
	GCC6--0	+C-64		J1-36		
	GCC7--0	+C-66		J1-37		
	XDL---0	F-63		+J2-4		
	XD2---0	F-13		+J2-5		
	XD3---0	F-55		+J2-6		
	XD4---0	F-69		+J2-7		

Burroughs Corporation 
 ELECTRONIC COMPONENTS DIVISION
 PLAINFIELD, NEW JERSEY 07061 U. S. AMERICA

SHEET 7 of 10	DWG NO. 2551 0637	REV A
CLASS CODE	TITLE WIRE LIST, CONNECTIONS TO BACK PLANE (A3A2W1), D/L 2	
DRAWN BY	CHK STD & REC	CHECK F&F
DATE	DATE	DATE
DSON	APPROVED	
DATE	DATE	DATE

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

WIRE NO.	MNEMONIC	FROM	LEVEL	TO	LEVEL	REMARKS
	L COPY-0	+L-3		J2-12		
	VENQ--0	+H-48		J2-14		
	XDS---0	F-12		+J2-15		
	XINS--0	F-31		+J2-17		
	XRPT--0	F-73		+J2-19		
	XD5---0	F-59		+J2-20		
	XD6---0	F-6		+J2-21		
	XD7---0	F-8		+J2-22		
	ALTAI-0	+K-6		J2-26		
	EPG1--L0	+A-18		J2-10		
	EPG2--0	+C-14		J2-11		
	EPG3--0	+C-12		J2-24		

Burroughs Corporation
 ELECTRONIC COMPONENTS DIVISION
 PLAINFIELD, NEW JERSEY 07061 U. S. AMERICA



SHEET 8 OF 10	DWG NO 2551 0637		REV B
CLASS CODE	TITLE WIRE LIST, CONNECTIONS TO BACK PLANE (A3A2W1), D/L 2		
DRAWN BY	CHK STD & REC	CHECK F & F	D3GN
APPROVED	DATE	DATE	DATE

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

WIRE NO.	MNEMONIC	FROM	LEVEL	TO	LEVEL	REMARKS
(B1)	EPG4--0	+C-10		J2-25		
	VERR--0	+H-32		J2-27		
	CFORM-0	+E-25		J2-28		
	XGRD--0	+F-79		J2-29		
		J2-29		J2-13		
		J2-13		J2-33		
		J2-33		J2-16		
	VLCLM-0	+H-46		J2-30		
	VRCVM-0	+H-34		J2-32		
	VXMTM-0	+H-65		J2-34		
	XB8---0	F-4		+J2-36		
	XD9---0	F-10		+J2-37		
	ABA---0	+K-49		P2-2		
	XBB---0	K-63		+P2-3		



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 PLAINFIELD, NEW JERSEY 07061 U. S. AMERICA



SHEET 9 of 10	DWG NO. 2551 0637	REV A
CLASS CODE	TITLE WIRE LIST, CONNECTIONS TO BACK PLANE (A3A2W1), D/L 2	
DRAWN BY	CHK STD & REC	CHECK FF & F
DATE	DATE	DATE
DSON		APPROVED
DATE	DATE	DATE

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

WIRE NO.	MNEMONIC	FROM	LEVEL	TO	LEVEL	REMARKS
	ACA---1	+K-62		P2-4		
	XCB---1	K-67		+P2-5		
	XCC---1	K-58		+P2-6		
	XGRD--0	+K-79		P2-7		
	XCF---1	K-65		+P2-8		
	ABB---0	+K-68		P2-9		
	XBA---0	K-57		+P2-10		
	ARATE-1	+K-51		P2-11		
	XCA---1	K-61		+P2-12		
	ACB---1	+K-52		P2-13		
	ACC---1	+K-45		P2-14		
	XDB---1	K-39		+P2-15		



REV	REVISION
B	WHS JIM 13 87
	ECN # 4065
B	WAS 1694 6733
	GFC RPN
	11-18-72 11-22-72

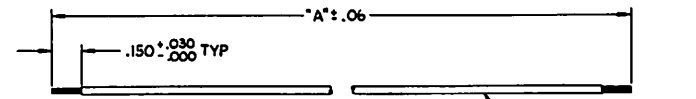


FIG. 1

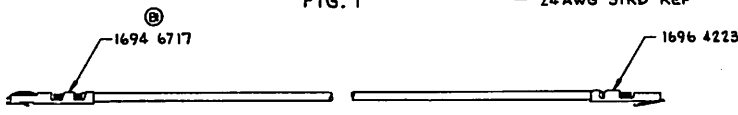
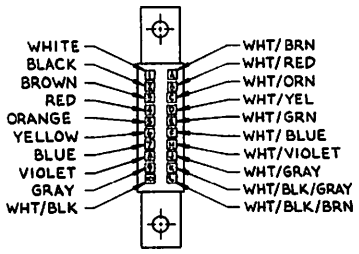
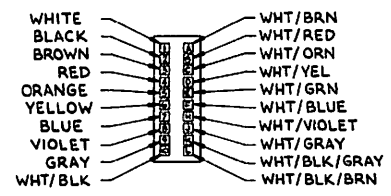
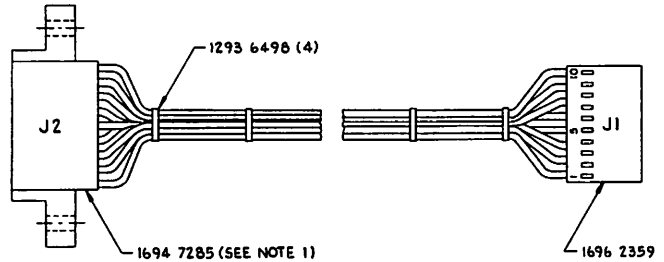


FIG. 2



LEAD LOCATIONS
(RECP SHOWN FROM LEAD END)

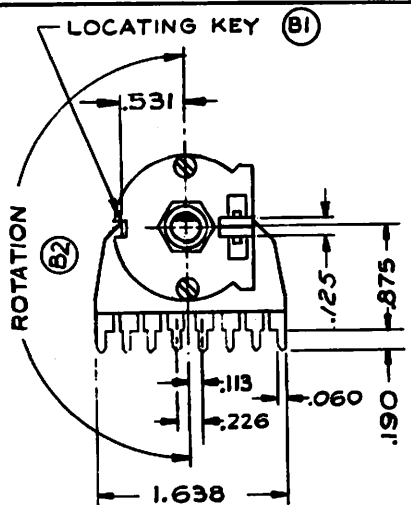


LEAD LOCATIONS
(RECP SHOWN FROM LEAD END)

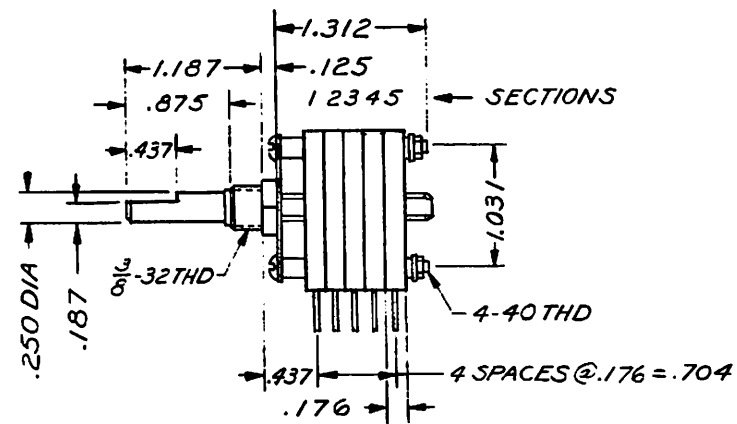
WIRE MATERIAL	WIRE PT NO. FIG. 1	WIRE COLOR (REF)	DIM. "A"	TERMINATED WIRE PT NO. FIG. 2	CIRCUIT MNEMONIC
1295 2719	1696 5154	WHITE	15.00	1696 5352	XPI6__1
1295 2727	1696 5162	BLACK		1696 5360	XPI1__1
1295 2776	1696 5170	BROWN		1696 5378	XCAP__1
1295 2735	1696 5188	RED		1696 5386	XN12V__1
1295 2750	1696 5196	ORANGE		1696 5394	XPLUS__1
1295 2784	1696 5204	YELLOW		1696 5402	XPI2V__1
1295 2768	1696 5212	BLUE		1696 5410	XMNUS__1
1295 2792	1696 5220	VIOLET		1696 5428	XBIT0S1
1295 2800	1696 5238	GRAY		1696 5436	XBITWS1
1295 2818	1696 5246	WHT/BLK		1696 5444	XBIT6S1
1295 2859	1696 5253	WHT/BRN		1696 5451	XGRD__O
1295 2826	1696 5261	WHT/RED		1696 5469	XBIT5S1
1295 2842	1696 5279	WHT/ORN		1696 5477	XBIT4S1
1299 5833	1696 5287	WHT/YEL		1696 5485	XBIT3S1
1295 2834	1696 5295	WHT/GRN		1696 5493	XBIT9S1
1299 5841	1696 5303	WHT/BLU		1696 5501	XBITHS1
1299 5858	1696 5311	WHT/VIOLET		1696 5519	XBITBS1
1299 5866	1696 5329	WHT/GRAY		1696 5527	XPSV__1
1299 5874	1696 5337	WHT/BLK/GRAY		1696 5535	XBITES1
1299 5890	1696 5345	WHT/BLK/BRN	15.00	1696 5543	XBIT7S1

NOTE:
1. POLARIZING KEY, PT NO. 1696 2342, INSERTED BETWEEN PINS 8 & 9.

GEN QUAL SPECS 1183 5343 APPLY	DRGWR	GJR	DATE	3-21-72	CLASS CODE	2-1522	DO NOT SCALE DWG
TOLERANCES, UNLESS OTHERWISE SPECIFIED	CLASS	MP	12.72	Burroughs Corporation ELECTRONIC COMPONENTS DIVISION PLAINFIELD, NEW JERSEY 07061 U.S. AMERICA			
XXX & ANGLES & ...	CLASS	MP	3.922				
MATERIAL	CLASS	MP	3.922	TYPE HARNASSEMBLY, DETAILED, SPEED DIAL (W1)			
HEAT TREATMENT	CLASS	MP	3.922				
SURFACE TREATMENT	CLASS	MP	3.922	SCALE D			
PROPERTY TO BURROUGHS CORPORATION-NOT TO BE REPRODUCED OR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR FROM WRITTEN COMMENT.	CLASS	MP	3.922				
SHEET			1	1696 2896			

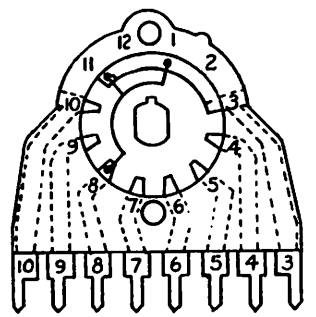


VIEWED FROM KNOB END OF SWITCH



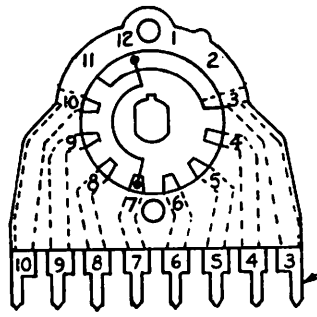
NOTES:

- (B4) 1. STANDARD GRIGSBY CO, NO. C40618-SKPC-5 OR ENGINEERING APPROVED EQUIVALENT.
- 2. UNTOLERANCED DIMENSIONS ARE REFERENCE.
- (B3) 3. CONTACT ARRANGEMENT AS VIEWED FROM KNOB END OF SHAFT IN EXTREME COUNTER-CLOCKWISE POSITION.



SECTION 1

POSITION	CIRCUITRY
1	3-8
2	3-9
3	3-10
4	3-4
5	3-5
6	3-4-6
7	3-5-7



SECTIONS 2, 3, 4 & 5

POSITION	CIRCUITRY
1	3-7
2	3-8
3	3-9
4	3-10
5	3-4
6	3-5
7	3-6

PRINTED CIRCUIT TERMINALS

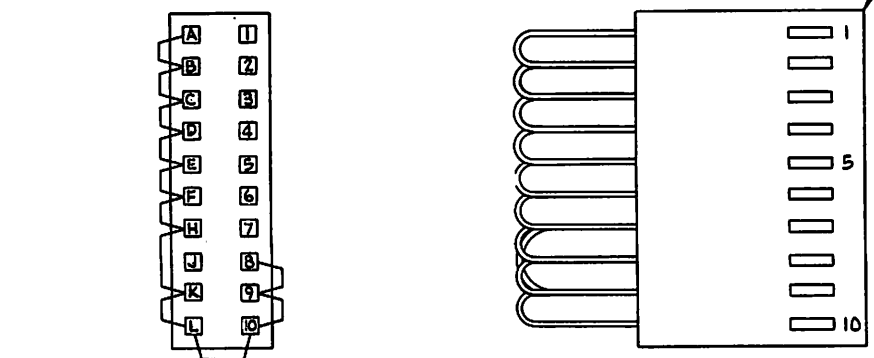
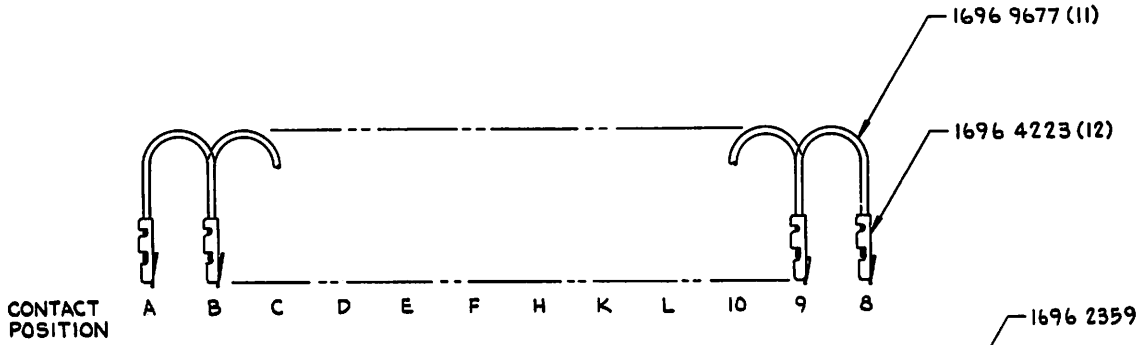
COMMERCIAL ITEM

GEN. QUAL. SPECS 1180-3049 APPLY		DRAWN S. THORKILDSEN	DATE 2-11-72	CLASS CODE 2-0104	DO NOT SCALE DWG
TOLERANCES, UNLESS OTHERWISE SPECIFIED .XX± — .XXX± — ANGLES± °	C FORM-FIT-FUNCTION R FN	DATE 2-19-72	Burroughs Corporation ELECTRONIC COMPONENTS DIVISION PLAINFIELD, NEW JERSEY 07061 U.S. AMERICA		
MATERIAL	C STEP 5 RECORDS R FN	DATE 2-19-72			
HEAT TREATMENT	APPROVAL S. J. K...	DATE 3-7-72	TITLE SWITCH, ROTARY		
SURFACE TREATMENT	DATE 3-2-72	SCALE 1	SHEET 1	DWG. NO. 1696 2730	DWG. NO. 1696 2730
<small>PROPRIETARY TO BURROUGHS CORPORATION—NOT TO BE REPRODUCED, NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS CHECK OR PRIOR WRITTEN CONSENT.</small>					

LTR	REVISION
A	RELEASED MAR 09 1972
B	PCN# 3793
	(1) REVISED VIEW (2) (3) ADDED (4) WAS TYPE SKPC
C	BRS JM 5-12-72 5-15-72
	ECN 4002 REVISED RJB ST 10-17-72 11-3-72

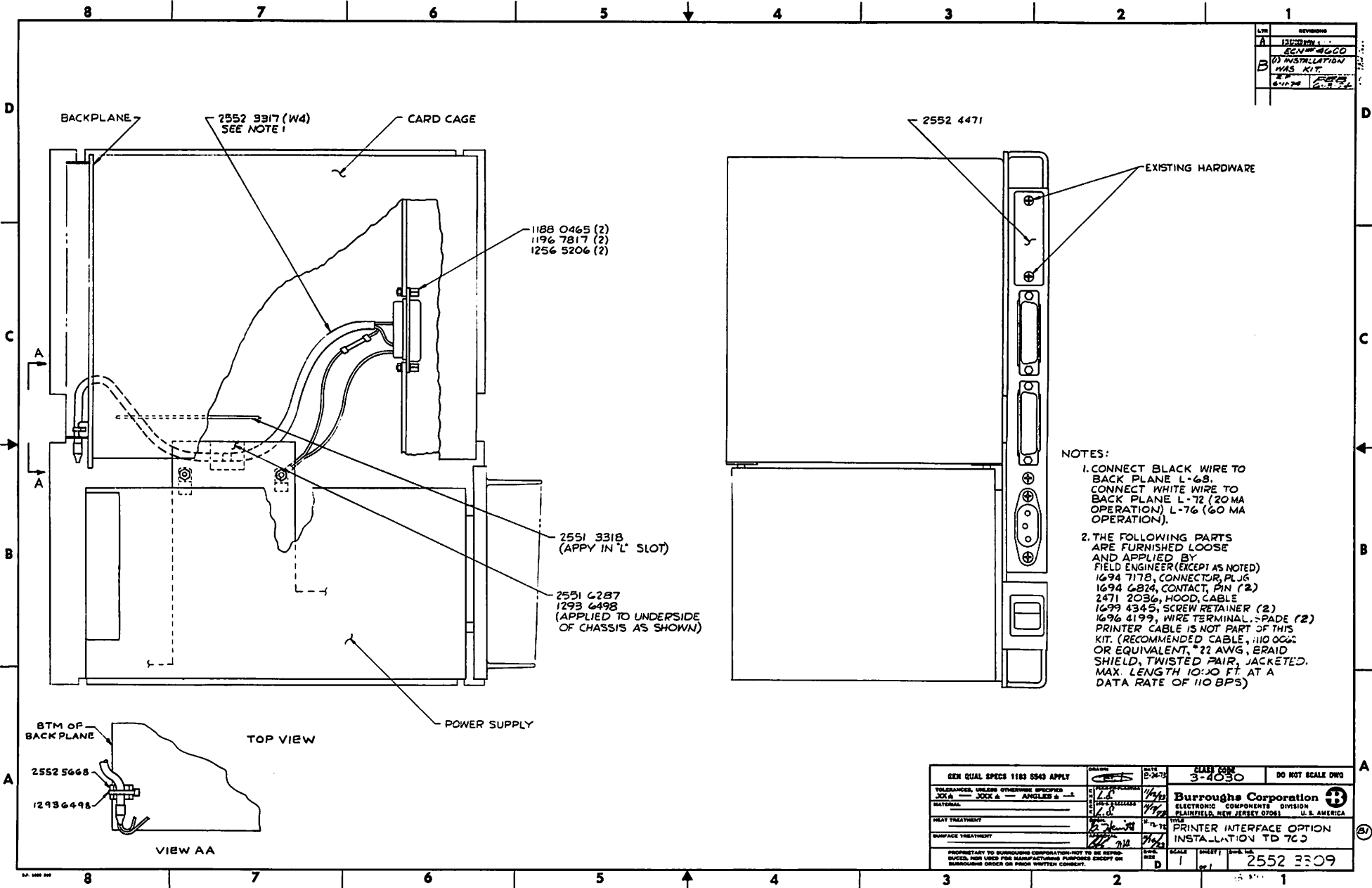
35 MM 35 (Min.) 35 MM

LTR	REVISIONS
A	REVISED JUN 23 1972



WIRING DIAGRAM
(CONNECTOR SHOWN FROM LEAD END)

GEN QUAL SPECS 1183 5543 APPLY		DRAWN GJR	DATE 6-6-72	CLASS CODE 2-1521	DO NOT SCALE DWG
TOLERANCES, UNLESS OTHERWISE SPECIFIED XX ± — XXX ± — ANGLES ± — °		CHKD RFN	DATE 6-21-72	Burroughs Corporation ELECTRONIC COMPONENTS DIVISION PLAINFIELD, NEW JERSEY 07061 U. S. AMERICA	
MATERIAL		STPS. & RECORDS RFN	DATE 6-21-72		
HEAT TREATMENT		DATE 6-21-72	TITLE ASSEMBLY, FIXED SPEED CONNECTOR		
SURFACE TREATMENT		DATE 6-21-72	SCALE —		
PROPRIETARY TO BURROUGHS CORPORATION-NOT TO BE REPRODUCED, NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT.			DWG. SIZE C	SHEET 1	DWG. NO. 1696 9693

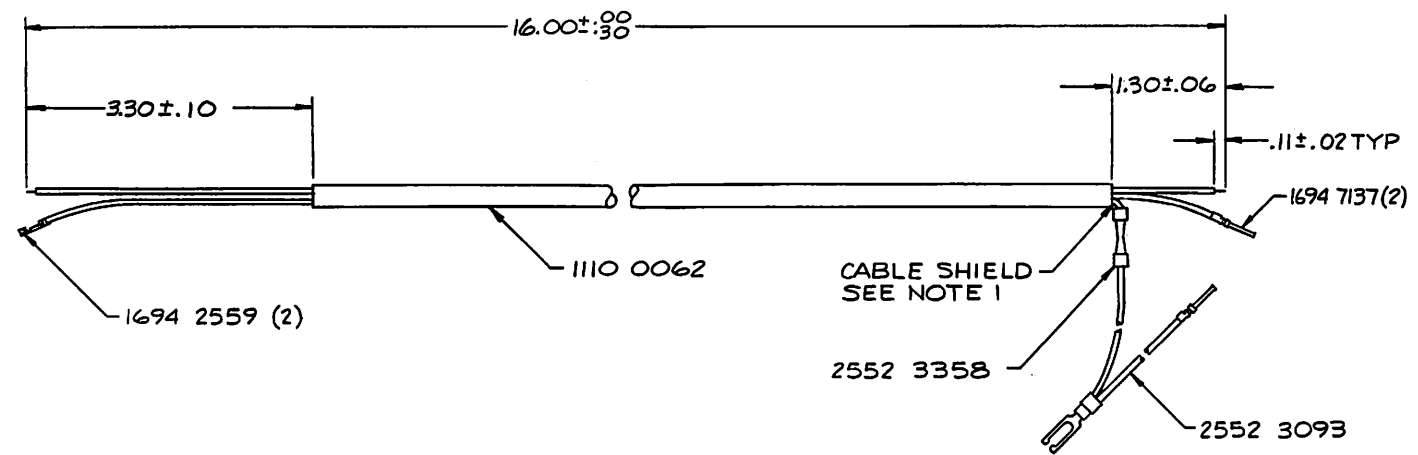


REV	DESCRIPTION
A	ISSUED FOR ECN # 4000
B	INSTALLATION WAS KIT

- NOTES:
- CONNECT BLACK WIRE TO BACK PLANE L-68. CONNECT WHITE WIRE TO BACK PLANE L-72 (20 MA OPERATION) L-76 (60 MA OPERATION).
 - THE FOLLOWING PARTS ARE FURNISHED LOOSE AND APPLIED BY FIELD ENGINEER (EXCEPT AS NOTED)
 1694 7178, CONNECTOR, PLUG
 1694 6824, CONTACT, PIN (2)
 2471 2036, HOOD, CABLE
 1699 4345, SCREW RETAINER (2)
 1696 4199, WIRE TERMINAL, SPADE (2)
 PRINTER CABLE IS NOT PART OF THIS KIT. (RECOMMENDED CABLE, 110 OGS OR EQUIVALENT, #2 AVWG, BRAID SHIELD, TWISTED PAIR, JACKETED. MAX. LENGTH 10:30 FT. AT A DATA RATE OF 110 BPS)

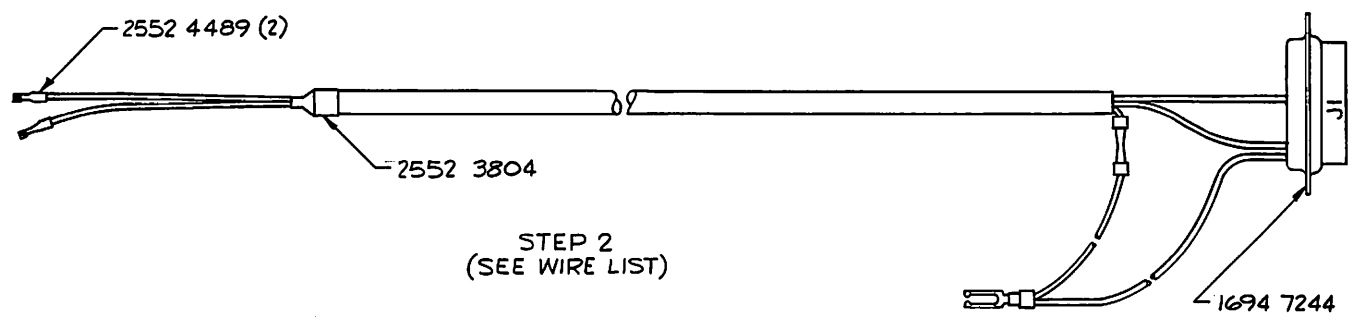
GEN QVAL SPEC 1183 0543 APPLY	DATE 3-24-73	CLASS CODE 3-4030	DO NOT SCALE DWG
TOLERANCES, UNLESS OTHERWISE SPECIFIED HOLE ± .004 & ANGLED ± .015	1/8	1/4	1/2
MATERIAL	1/8	1/4	1/2
HEAT TREATMENT	1/8	1/4	1/2
FINISH TREATMENT	1/8	1/4	1/2
PROPERTY TO BURGESS CORPORATION NOT TO BE REPRODUCED FOR UNLESS FOR MANUFACTURING PURPOSES EXCEPT BY BURGESS ORDER OR PRIOR WRITTEN CONSENT.	1/8	1/4	1/2
Burgess Corporation		ELECTRONIC COMPONENTS DIVISION PLAINFIELD, NEW JERSEY 07061 U.S.A.	
PRINTER INTERFACE OPTION INSTALLATION TD 763		2552 3309	

LTR	REVISIONS
A	RELEASED NOV 21 1973



STEP 1

STEP 2
(SEE WIRE LIST)



NOTE:
1. FORM CABLE SHIELD TO .065 DIA (APPROX)
CUT .64 ± .04 LENGTH FROM CABLE JACKET
ON END SHOWN, CUT FLUSH WITH CABLE
JACKET ON OTHER END.

WIRE LIST J1		
WIRE IDENT	PIN LOCATION	CIRCUIT MNEMONIC
2552 3093	1	XFRAMEO
WHITE	2	LTY201 OR LTY201
BLACK	7	XTTYNT1

GEN QUAL SPECS 1183 8543 APPLY		DRAWN <i>[Signature]</i>	DATE 8/20/73	CLASS CODE 2-1531	DO NOT SCALE DWG
TOLERANCES, UNLESS OTHERWISE SPECIFIED XX ± JOXX ± ANGLES ±		CHECKED L.S.	11/14/73	Burroughs Corporation ELECTRONIC COMPONENTS DIVISION PLAINFIELD, NEW JERSEY 07061 U.S. AMERICA	
MATERIAL		STOP & RECORDS K.L.S.	11/14/73		
HEAT TREATMENT		DRON. <i>[Signature]</i>	11/16/73	TITLE CABLE ASSEMBLY, W4 PRINTER INTERFACE OPTION	
SURFACE TREATMENT		APPROVAL <i>[Signature]</i>	11/14/73		
PROPRIETARY TO BURROUGHS CORPORATION-NOT TO BE REPRODUCED, NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT.			DWG. SIZE C	SCALE 1:1	SHEET 1 DWG. NO. 2552 3317

4 3 2 1

D

C

B

A

35 MM

4 3 2 1

35 MM

3 CONTACTS FOR
.125 PINS

GRN/YEL
SEE NOTE 2

BLK

.62
.31
1.000
MAX

WHITE

.047 (2 PLACES) (C2) (D1)

TO ACCEPT .330 MAX LONG PINS (C3) (D2)

TO ACCEPT .300 MAX LONG PINS (C4) (D3)

96.00 ± 1.00

1.38

A

B

C

SEE NOTE 1

WHITE

GRN/YEL (SEE NOTE 2)

BLACK

(E2)	PART NO.	JACKET COLOR
	1696 6582	GRAY
	1699 3545	BLACK

SUGGESTED SOURCES OF SUPPLY OR ENGINEERING APPROVED EQUIVALENT			
VENDORS PART NO.			VENDORS NAME
A	B	C	
V-1237-F-3	V-1257-G	183D6	VICTOR ELECTRONICS CORP. WEST WARWICK, R. I.
COMPLETE BLACK CORD ASSY			BELDON CORP. GENEVA, ILL.

NOTES:

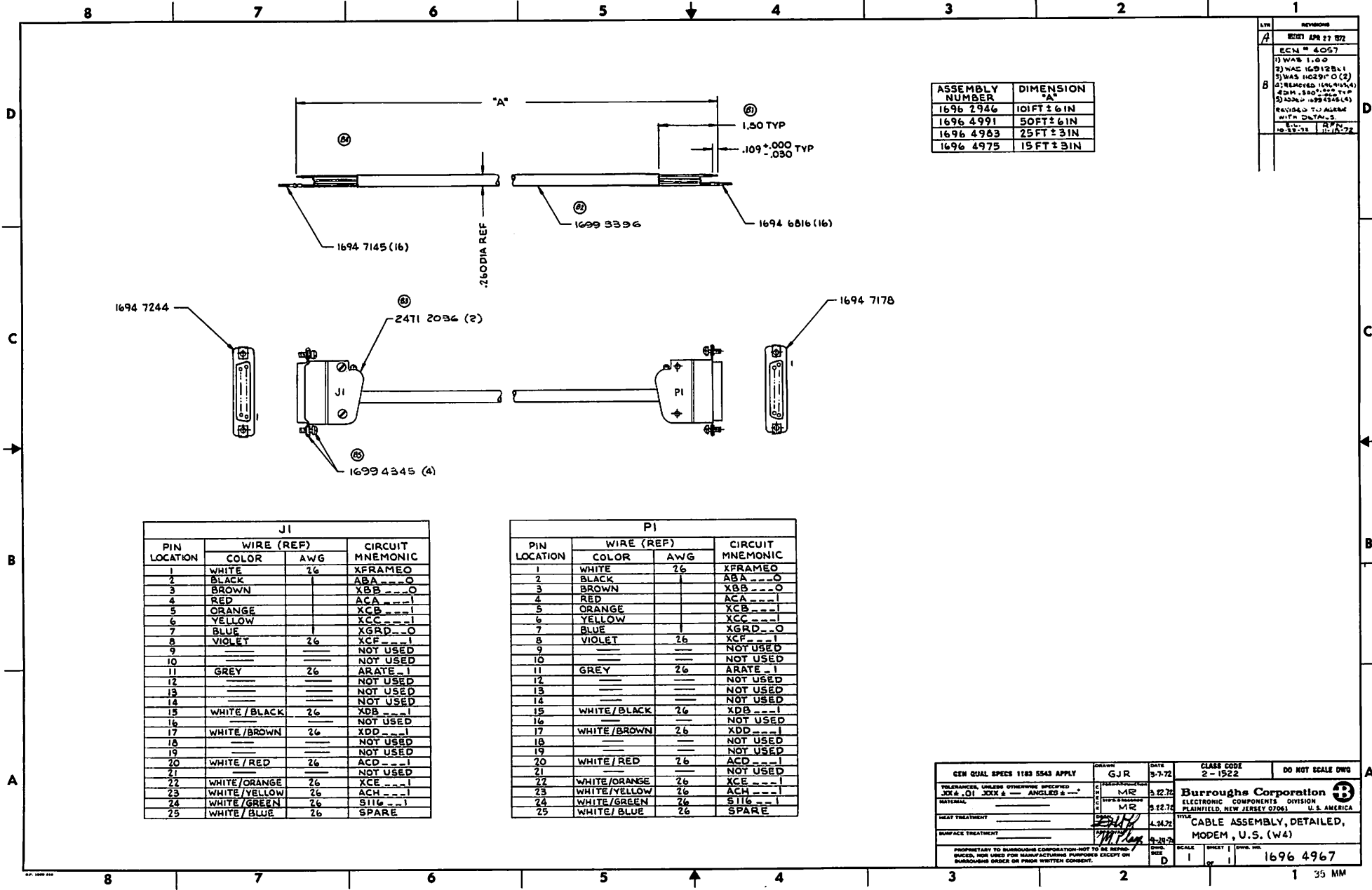
- (E3) (D4) 1. FLEXIBLE CORD: TYPE SVT, SMOOTH SURFACE JACKET (FOR COLOR SEE TABLE) WITH THE FOLLOWING: 3#18AWG CONDUCTORS COLORED GRN/YEL, BLK & WHITE; UL & CSA LABELS AFFIXED TO CORD: 41/34 STRD WIRE; .032 JACKET THICKNESS; .016 PRIMARY INSULATION, OR ENGINEERING APPROVED EQUIVALENT.
2. GRN/YEL CONDUCTOR MUST BE USED FOR GROUND ONLY, GRN ACCEPTABLE, GRN/YEL PREFERRED.
3. UNTOLERANCED DIMENSIONS ARE REFERENCE.

COMMERCIAL ITEM

GEN QUAL SPECS 1483-5343 APPLY		DRAWN	DATE	CLASS CODE	DO NOT SCALE DWG
TOLERANCES, UNLESS OTHERWISE SPECIFIED XX ± — XXX ± — ANGLES ± — °		GJR	3-28-72	2-1530	
MATERIAL	FORM-FUNCTION	MR	4.27.72	Burroughs Corporation ELECTRONIC COMPONENTS DIVISION PLAINFIELD, NEW JERSEY 07061 U. S. AMERICA	
HEAT TREATMENT	STOP & RECORD	MR	4.27.72		
SURFACE TREATMENT	DESIGN APPROVAL		3-28-72 4-28-72	TITLE AC POWER CORD, WI	
PROPRIETARY TO BURROUGHS CORPORATION-NOT TO BE REPRODUCED, NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR PRIOR WRITTEN CONSENT.		DWG. SIZE	SCALE	SHEET	DWG. NO.
		C	1	OF 1	(E1) 1699 3537

LTR	REVISIONS	
B	REVISED MAY 05 1972	
	PCN # 3809	
C	1) ADDED BREAKOUT 2) ADDED 3) ADDED 4) ADDED	
	GJR	S. T.
	6-2-72	6-2-72
	PCN # 3858	
D	1) WAS .050 (3 PLACES) 2) WAS TO ACCEPT .330 LONG PINS 3) WAS TO ACCEPT .500 LONG PINS 4) REVISED	
	GR	MR
	7-28-72	11-14-72
	ECN # 4038	
E	1) WAS 1696 6582 2) ADDED TABLE & PT NO. 1699 3545 3) REVISED	
	RJB	MR
	11-14-72	11-14-72
	ECN # 4557	
F	REVISED	
	R.P.	MVT
	5-1-74	5-17-74

35 MM
35 MM
35 MM
35 MM



ASSEMBLY NUMBER	DIMENSION "A"
1696 2946	10FT ± 6 IN
1696 4991	50FT ± 6 IN
1696 4963	25FT ± 3 IN
1696 4975	15FT ± 3 IN

REV	REVISION
A	REVISED APR 27 1972 ECN # 2057
B	1) WAS 1.50 2) WAS 1691250.1 3) WAS 1029170 (2) 4) REMOVED 1694916 (4) 5) DIM. 1.500 ±.000 TYP 6) ADDED 16994345 (4) REVISION TO AGREE WITH DWTNLS BY: [Signature] DATE: 10-22-72

J1			
PIN LOCATION	WIRE (REF)		CIRCUIT MNEMONIC
	COLOR	AWG	
1	WHITE	26	XFRAMEO
2	BLACK		ABA---O
3	BROWN		XBB---O
4	RED		ACA---I
5	ORANGE		XCB---I
6	YELLOW		XCC---I
7	BLUE		XGRD---O
8	VIOLET	26	XCF---I
9			NOT USED
10			NOT USED
11	GREY	26	ARATE - I
12			NOT USED
13			NOT USED
14			NOT USED
15	WHITE/BLACK	26	XDB---I
16			NOT USED
17	WHITE/BROWN	26	XDD---I
18			NOT USED
19			NOT USED
20	WHITE/RED	26	ACD---I
21			NOT USED
22	WHITE/ORANGE	26	XCE---I
23	WHITE/YELLOW	26	ACH---I
24	WHITE/GREEN	26	SI16---I
25	WHITE/BLUE	26	SPARE

P1			
PIN LOCATION	WIRE (REF)		CIRCUIT MNEMONIC
	COLOR	AWG	
1	WHITE	26	XFRAMEO
2	BLACK		ABA---O
3	BROWN		XBB---O
4	RED		ACA---I
5	ORANGE		XCB---I
6	YELLOW		XCC---I
7	BLUE		XGRD---O
8	VIOLET	26	XCF---I
9			NOT USED
10			NOT USED
11	GREY	26	ARATE - I
12			NOT USED
13			NOT USED
14			NOT USED
15	WHITE/BLACK	26	XDB---I
16			NOT USED
17	WHITE/BROWN	26	XDD---I
18			NOT USED
19			NOT USED
20	WHITE/RED	26	ACD---I
21			NOT USED
22	WHITE/ORANGE	26	XCE---I
23	WHITE/YELLOW	26	ACH---I
24	WHITE/GREEN	26	SI16---I
25	WHITE/BLUE	26	SPARE

GEN QUAL SPECS 1183 5543 APPLY	DESIGNED BY: GJR	DATE: 3-7-72	CLASS CODE: 2-1522	DO NOT SCALE DWG
TOLERANCES, UNLESS OTHERWISE SPECIFIED: X.XX .01 XXX ± .000 ANGLES ± .000"	CHECKED BY: MR	DATE: 3-22-72	Burroughs Corporation ELECTRONIC COMPONENTS DIVISION PLAINFIELD, NEW JERSEY 07061 U.S.A. AMERICA TITLE: CABLE ASSEMBLY, DETAILED, MODEM, U.S. (W4)	
MATERIAL:	APPROVED BY: MR	DATE: 3-17-72		
HEAT TREATMENT:	[Signature]	DATE: 4-24-72		
SURFACE TREATMENT:	[Signature]	DATE: 3-15-72		
PROPRIETARY TO BURROUGHS CORPORATION-NOT TO BE REPRODUCED, NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDER OR FROM WRITTEN CONSENT.			SCALE: 1	SHEET: 1
			DWG. NO.: 1696 4967	

8 7 6 5 4 3 2 1

D

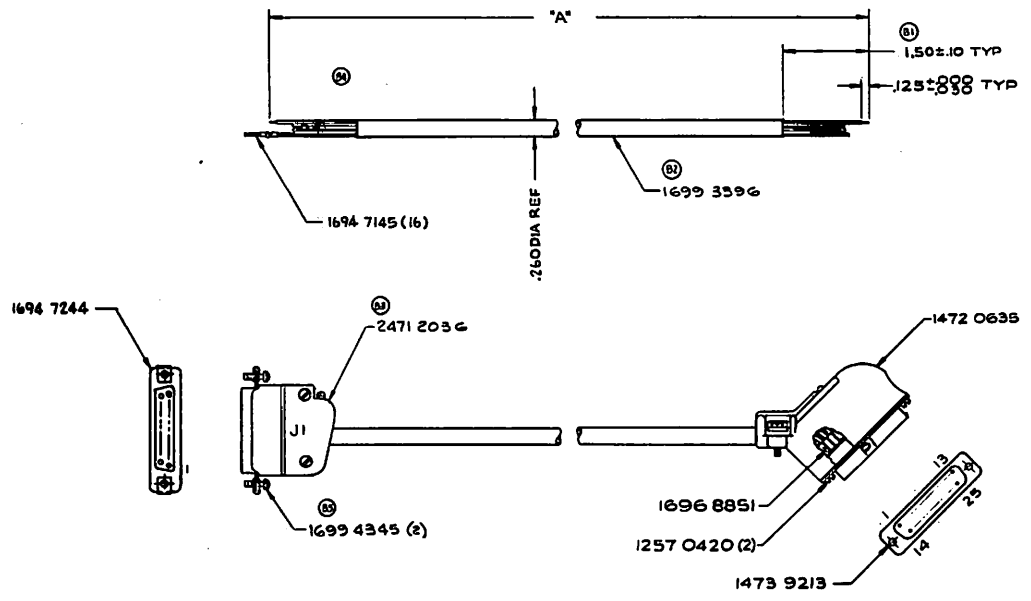
C

B

A

REV	DESCRIPTION
A	REV 287 18 87 ECW 4057
B	1) WAS 1-00 2) WAS 1691 881 3) WAS 1101 9100 4) DELETED W/445(1) 5) DIM. 500±.005 TYP 6) ADDED 1699 4345(2) 7) REVISED TO ASSEMBLY WITH DETAILS

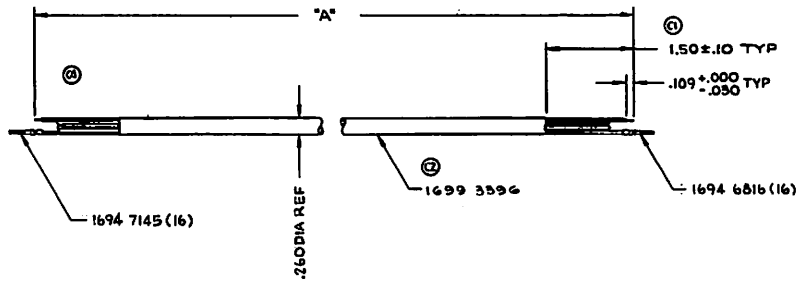
ASSEMBLY NUMBER	DIMENSION "A"
1696 8786	10 FT ± 6 IN
1696 8784	50 FT ± 6 IN
1696 8802	25 FT ± 3 IN
1696 8810	15 FT ± 3 IN



J1			
PIN LOCATION	WIRE (REF) COLOR	AWG	CIRCUIT MNEMONIC
1	WHITE	26	XFRAMEO
2	BLACK		ABA --- O
3	BROWN		XBB --- O
4	RED		ACA --- I
5	ORANGE		XCB --- I
6	YELLOW		XCC --- I
7	BLUE		XGRD --- O
8	VIOLET	26	XCF --- I
9			NOT USED
10			NOT USED
11	GREY	26	ARATE - I
12			NOT USED
13			NOT USED
14			NOT USED
15	WHITE/BLACK	26	XDB --- I
16			NOT USED
17	WHITE/BROWN	26	XDD --- I
18			NOT USED
19			NOT USED
20	WHITE/RED	26	ACD --- I
21			NOT USED
22	WHITE/ORANGE	26	XCE --- I
23	WHITE/YELLOW	26	ACH --- I
24	WHITE/RED	26	SLI --- I
25	WHITE/BLUE	26	SPARE

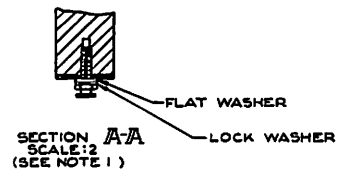
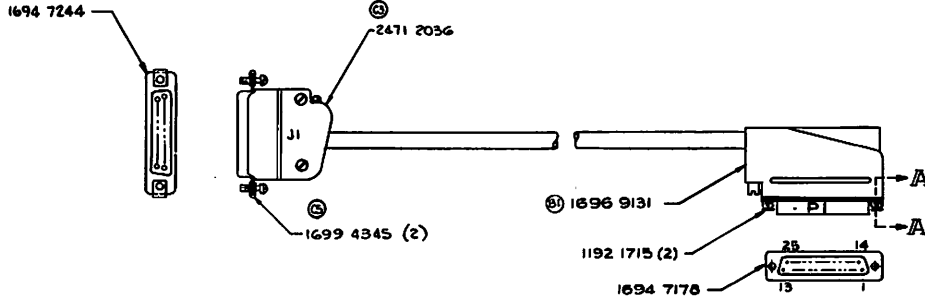
P1			
PIN LOCATION	WIRE (REF) COLOR	AWG	CIRCUIT MNEMONIC
1	WHITE	26	XFRAMEO
2	BLACK		ABA --- O
3	BROWN		XBB --- O
4	RED		ACA --- I
5	ORANGE		XCB --- I
6	YELLOW		XCC --- I
7	BLUE		XGRD --- O
8	VIOLET	26	XCF --- I
9			NOT USED
10			NOT USED
11	GREY	26	ARATE - I
12			NOT USED
13			NOT USED
14			NOT USED
15	WHITE/BLACK	26	XDB --- I
16			NOT USED
17	WHITE/BROWN	26	XDD --- I
18			NOT USED
19			NOT USED
20	WHITE/RED	26	ACD --- I
21			NOT USED
22	WHITE/ORANGE	26	XCE --- I
23	WHITE/YELLOW	26	ACH --- I
24	WHITE/RED	26	SLI --- I
25	WHITE/BLUE	26	SPARE

GEN DUAL SPEC 1183 8843 APPLY	CALLING	DATE	CLASS CODE	DO NOT SCALE DIMS
	BSCHEFFLER	8 72	2-1231	
TELEPHONE UNLESS OTHERWISE SPECIFIED	REVISED	5-07	Burroughs Corporation ELECTRONIC COMPONENTS DIVISION PLAINFIELD, NEW JERSEY 07061 U.S.A. AMERICA	
JOLA --- JACK & --- ANGLE & ---	REF	5-07		
NATIONAL	REVISED	5-07	CABLE ASSEMBLY, DETAILED, MODEM, GPO (W4) ONLY	
	REF	5-07		
PLATE FINISHING	REVISED	5-07	1696 8828	
	REF	5-07		
REPAIR PARTS TO BURROUGHS CORPORATION ARE TO BE USED UNLESS OTHERWISE SPECIFIED IN THIS DRAWING. SEE SPEC FOR MANUFACTURING PURPOSES. COPY OF BURROUGHS SPEC ON PAGE WRITTEN COMMENT.	SCALE	SHEET	1 35 MM	
	D	1		



ASSEMBLY NUMBER	DIMENSION "A"
1696 8869	10 FT ± 6 IN
1696 8877	50 FT ± 6 IN
1696 8885	25 FT ± 3 IN
1696 8893	15 FT ± 3 IN

REV	REVISION
A	ISSUED BY 18 WPT
B	DCN# 3789 DINAS 1900 2484 885 JIM 8-19-72 9-24-72 ECN# 4087
C	1) WAS 1.00 2) WAS 1.01 (251) 3) WAS 1.01 (101) 4) DATED 1/14/72 (1) 5) DIA. 500 ± .005 (1) 6) ADDD 1.01 (1) (REVISED TO AGREE WITH DETAILS) TEL. 524 10-25-72 11-1-72



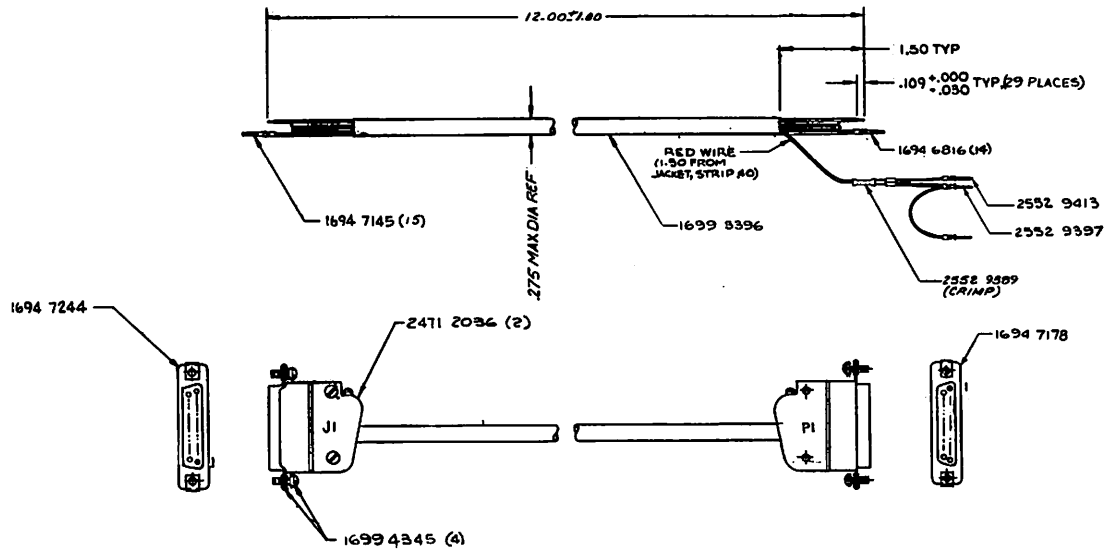
NOTE:
1. ASSEMBLY PROCEDURE:
(1) REMOVE SELF-TAPPING SCREWS, #4-40, (2) FROM HOOD ASSEMBLY 1696 9131
(2) ASSEMBLE 1192 1715 (2 PLACES) TO 1696 9131 AS SHOWN.

J1			
PIN LOCATION	WIRE (REF) COLOR	AWG	CIRCUIT MNEMONIC
1	WHITE	26	XFRAMEO
2	BLACK		ABA --- O
3	BROWN		XBB --- O
4	RED		ACA --- I
5	ORANGE		XCB --- I
6	YELLOW		XCC --- I
7	BLUE		XGRD --- O
8	VIOLET	26	XCF --- I
9			NOT USED
10			NOT USED
11	GREY	26	ARATE --- I
12			NOT USED
13			NOT USED
14			NOT USED
15	WHITE/BLACK	26	XDB --- I
16			NOT USED
17	WHITE/BROWN	26	XDD --- I
18			NOT USED
19			NOT USED
20	WHITE/RED	26	ACD --- I
21			NOT USED
22	WHITE/ORANGE	26	XCE --- I
23	WHITE/YELLOW	26	ACH --- I
24	WHITE/GREEN	26	SHG --- I
25	WHITE/BLUE	26	SPARE

P1			
PIN LOCATION	WIRE (REF) COLOR	AWG	CIRCUIT MNEMONIC
1	WHITE	26	XFRAMEO
2	BLACK		ABA --- O
3	BROWN		XBB --- O
4	RED		ACA --- I
5	ORANGE		XCB --- I
6	YELLOW		XCC --- I
7	BLUE		XGRD --- O
8	VIOLET	26	XCF --- I
9			NOT USED
10			NOT USED
11	GREY	26	ARATE --- I
12			NOT USED
13			NOT USED
14			NOT USED
15	WHITE/BLACK	26	XDB --- I
16			NOT USED
17	WHITE/BROWN	26	XDD --- I
18			NOT USED
19			NOT USED
20	WHITE/RED	26	ACD --- I
21			NOT USED
22	WHITE/ORANGE	26	XCE --- I
23	WHITE/YELLOW	26	ACH --- I
24	WHITE/GREEN	26	SHG --- I
25	WHITE/BLUE	26	SPARE

GEN EQUAL SPECS 1183 8543 APPLY	DRAWN BY SCHEFFLER	DATE 8-27-72	CLASS CODE 2-1531	DO NOT SCALE DWG
TOLERANCES UNLESS OTHERWISE SPECIFIED X.XX ± .XX & ANGLES ± .1°	CHECKED BY RAN	DATE 8-27-72	Burroughs Corporation ELECTRONIC COMPONENTS DIVISION PLAINFIELD, NEW JERSEY 07061 U.S.A. AMERICA	
MATERIALS	DATE 8-27-72	SCALE 1		
HEAT TREATMENT	DATE 8-27-72	SHEET 1	TITLE CABLE ASSEMBLY, DETAILED MODEM, SEL (W4) ONLY	
MANUFACTURING TREATMENT	DATE 8-27-72	SCALE 1	PART NUMBER 1696 8901	
PROPRIETARY TO BURROUGHS CORPORATION-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.				

LTR	REV	DATE
A	REV 4	11/82
ECN # 4615		
PORTION OF TITLE WAS		
(NEW SYNCHRONOUS)		
B	REV 1	8/74
	REV 2	8/74
	REV 3	8/74



NOTE:
1, FOR USE WITH AT/T 801 SERIES OR
7A734-24 DATA SET.

J1			
PIN LOCATION	WIRE (REF)	AWG	CIRCUIT MNEMONIC
1	WHITE	26	XFRAMEO
2	BLACK		ABA---O
3	BROWN		XBB---O
4	RED		ACA---I
5	ORANGE		XCB---I
6	YELLOW		XCC---I
7	BLUE		XGRD---O
8	VIOLET	26	XCF---I
9			NOT USED
10			NOT USED
11			NOT USED
12			NOT USED
13			NOT USED
14			NOT USED
15	WHITE/BLACK	26	XDB---I
16			NOT USED
17	WHITE/BROWN	26	XDD---I
18			NOT USED
19			NOT USED
20	WHITE/RED	26	ACD---I
21			NOT USED
22	WHITE/ORANGE	26	XCE---I
23	WHITE/YELLOW	26	ACH---I
24	WHITE/GREEN	26	SI16---I
25	WHITE/BLUE	26	SPARE

P1			
PIN LOCATION	WIRE (REF)	AWG	CIRCUIT MNEMONIC
1	WHITE	26	XFRAMEO
2	BLACK	26	ABA---O
3	BROWN	26	XBB---O
4	2552 9413		ACA---I
5	ORANGE	26	XCB---I
6	YELLOW	26	XCC---I
7	BLUE	26	XGRD---O
8	VIOLET	26	XCF---I
9			NOT USED
10			NOT USED
11	2552 9397		SNS---I
12			NOT USED
13			NOT USED
14	2552 9397		SNS---I
15	WHITE/BLACK	26	XDB---I
16			NOT USED
17	WHITE/BROWN	26	XDD---I
18			NOT USED
19			NOT USED
20	WHITE/RED	26	ACD---I
21			NOT USED
22	WHITE/ORANGE	26	XCE---I
23	WHITE/YELLOW	26	ACH---I
24	WHITE/GREEN	26	SI16---I
25	WHITE/BLUE	26	SPARE

GEN QUAL SPECS 1183 5343 APPLY	DRAWN CARTER	DATE 7/26/74	CLASS CODE 2-1522	DO NOT SCALE DWG
TOLERANCES UNLESS OTHERWISE SPECIFIED X.XX ± .005 XXX ± .000 ANGLED 45°	DESIGNED BY FEB	DATE 7/26/74	Burroughs Corporation ELECTRONIC COMPONENTS DIVISION PLAINFIELD, NEW JERSEY 07061 U.S.A. AMERICA	
MATERIAL	DATE RELEASED FEB	DATE 7/27/74		
HEAT TREATMENT	BY B. H. W.	DATE 7/26/74		
SURFACE TREATMENT	BY J. E. R. W.	DATE 7/26/74		
PROPRIETARY TO BURROUGHS CORPORATION-NOT TO BE REPRODUCED, NOR USED FOR MANUFACTURING PURPOSES EXCEPT ON BURROUGHS ORDERS OR PRIOR WRITTEN CONSENT.			TITLE CABLE ASSEMBLY, DETAILED, DATA SET ADAPTOR (NEW SYNC)	SHEET NO. 2552 9421

INSTALLATION PROCEDURES

VI.1 INTRODUCTION

Since each unit of the TD700 is individually packaged and the optional requirements at each installation are different, the TD700 should be installed in a particular sequence as indicated in the following check list:

- A. Initial assembly
- B. Connect power supply jumpers as required
- C. Connect options as required
- D. Connect ac power
- E. Check operation in local mode
- F. Connect modem cables as required
- G. Check system operation

VI.2 INITIAL ASSEMBLY PROCEDURE

To initially assemble the TD700, perform the procedure listed below.

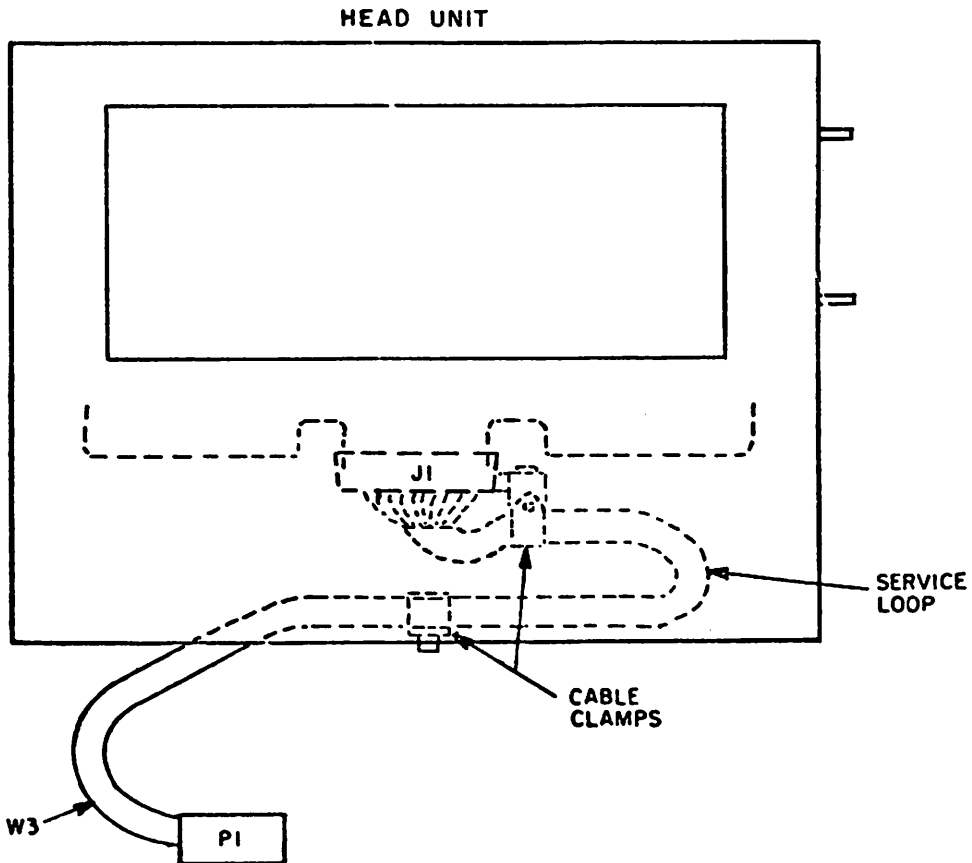
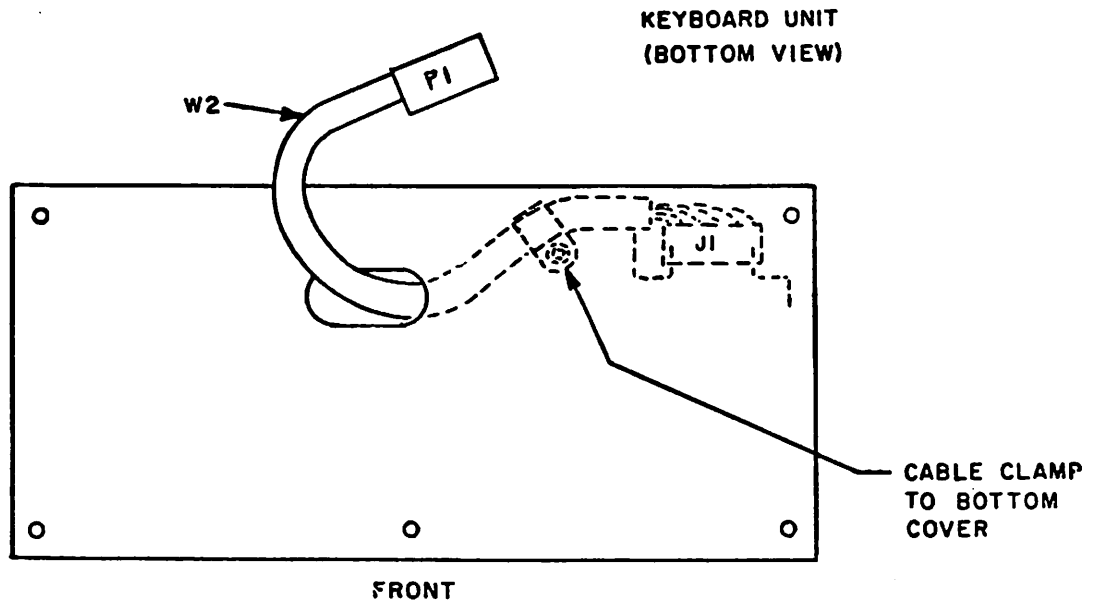
- A. Unpack the keyboard unit, the head unit, the electronics unit, and the cables.
- B. If cable W2 is packed separately from keyboard unit, remove bottom cover of keyboard unit and slide J1 end of cable W2 thru the entrance hole in bottom cover. Install cable and cable clamp as shown on figure VI.2-1. Replace bottom cover.
- C. If cable W3 is packed separately from head unit, remove bottom cover of head unit and slide J1 end of cable W3 thru entrance hole in bottom cover. Install cable and cable clamp as shown in figure VI.2-1. Replace bottom cover.

NOTE

Perform steps D, E, F, or G as required.

- D. To install the keyboard unit, the head unit, and the electronics unit as a single assembly, perform steps D1 thru D5.
 - 1. Place electronics unit on its side with the power supply towards the top.
 - 2. Place head unit and keyboard unit in proper position next to electronics unit.
 - 3. Remove both feet from head unit, and remove mounting slides from electronics unit.
 - 4. Replace all hardware as shown on figure VI.2-2.

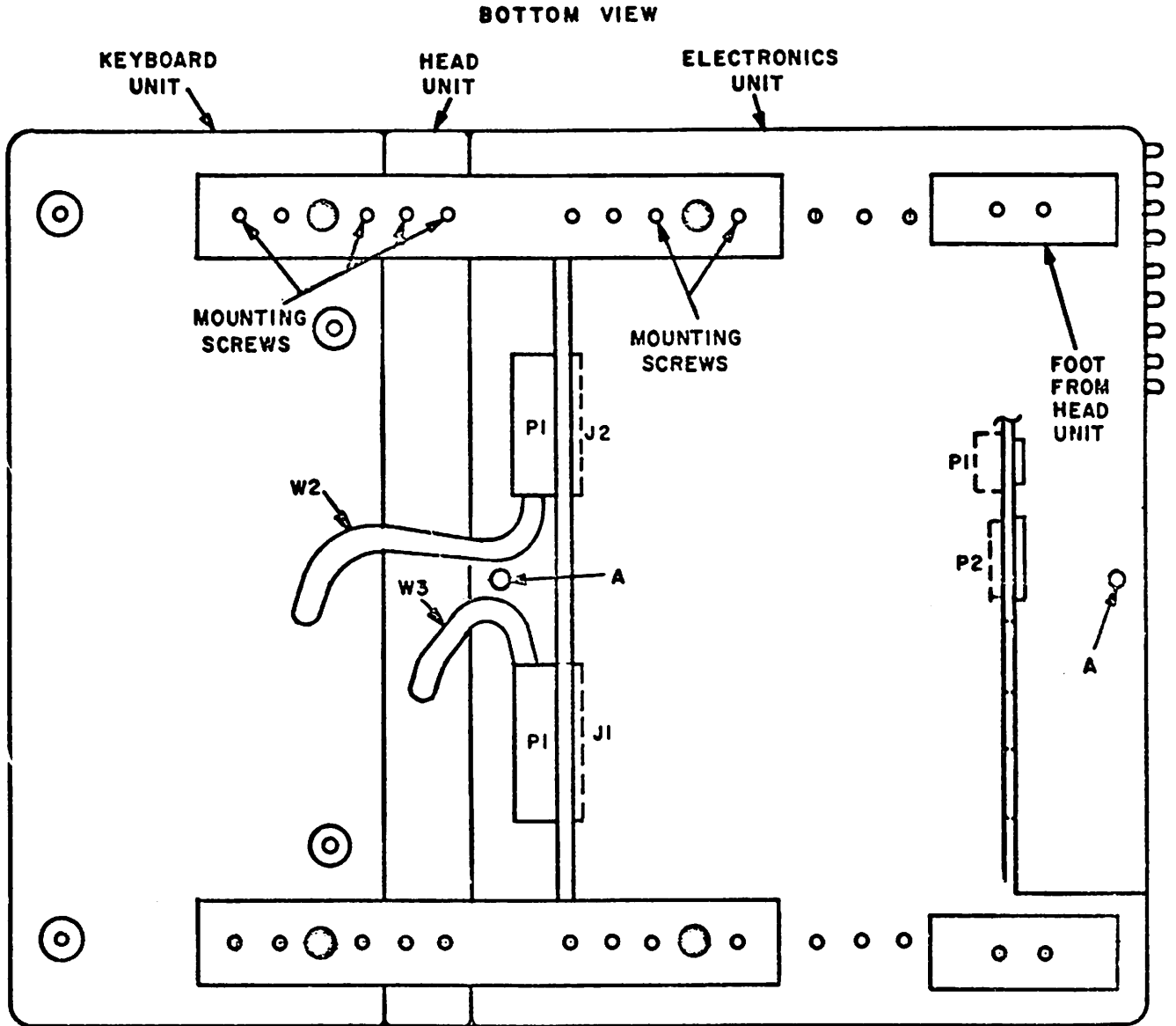
Installation Procedures



18350

FIGURE VI.2-1. CABLE PLACEMENT

Installation Procedures



10351

FIGURE VI.2-2. UNIT ASSEMBLY

Installation Procedures

5. Connect P1 end of cables W2 and W3 as shown on diagram.
- E. To install the electronics unit and the head unit as a single assembly with a remote keyboard unit, perform steps E1 thru E4.
1. Place electronics unit on its side with the power supply towards the top and remove mounting slides.
 2. Place head unit in proper position next to electronics unit. Remove both feet from head unit.
 3. Replace all hardware as shown on figure VI.2-3 (top of diagram).
 4. Connect P1 end of cables W2 and W3 as shown on figure VI.2-2.
- F. To install the keyboard unit and the head unit as a single assembly with a remote electronics unit, perform steps F1 thru F3.
1. Remove both feet from bottom of head unit.
 2. Replace all hardware as shown on figure VI.2-3 (bottom of diagram).
 3. Connect P1 end of cables W2 and W3 as shown on figure VI.2-2.
- G. To install all three units remote to each other, place units in position and connect P1 end of cables W2 and W3 as shown on figure VI.2-2.

VI.3 POWER SUPPLY JUMPERS PROCEDURE

The electronics unit of the TD700 contains a 50/60 HZ power supply. To set up the power supply, check the ac voltage and frequency provided at the installation site and perform the procedure listed below:

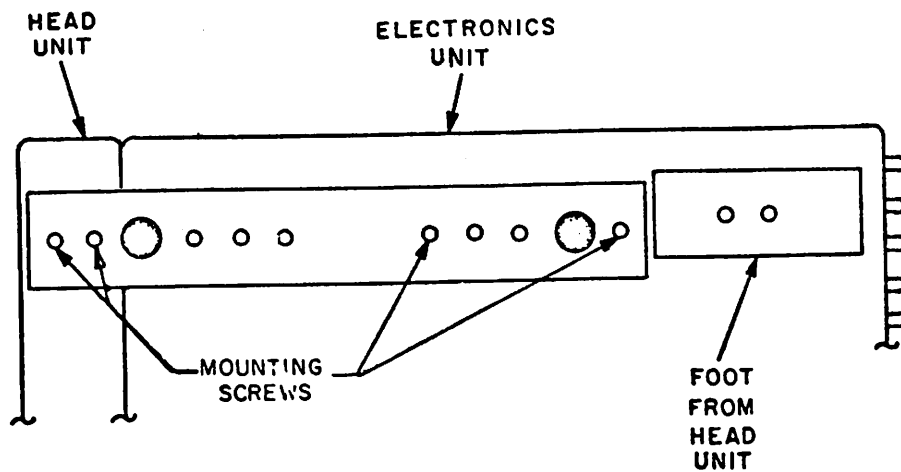
- A. Remove cover from electronics unit by removing two screws marked "A" on figure VI.2-2.
- B. Make jumper connections as required. Refer to tables VI.3-1 and VI.3-2 for 50/60 HZ power supply.

TABLE VI.3-1. VOLTAGE JUMPERS FOR 50/60 HZ POWER SUPPLY

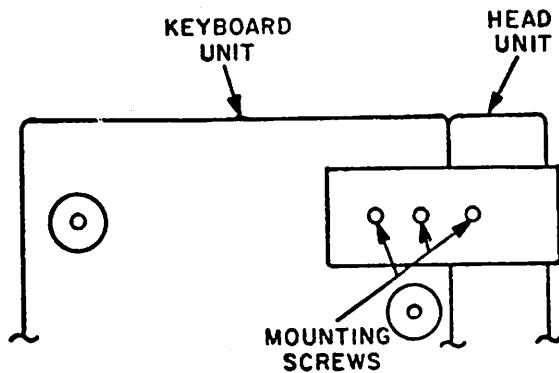
<u>AC Input Voltage</u>	<u>Frequency</u>	<u>TB1 Jumpers</u>	<u>AC Input Leads</u>	<u>F6 Rating</u>
90-140	60 Hz	6-7, 4-5	F6A TB1-4	3A
180-260	60 Hz	5-6	F6A TB1-4	1.5A
90-140	50 Hz	6-7, 2-3	F6A TB1-2	3A
180-260	50 Hz	3-6	F6A TB1-2	1.5A

Installation Procedures

WITH KEYBOARD UNIT REMOTE



WITH ELECTRONICS UNIT REMOTE



18352

FIGURE VI.2-3. UNIT ASSEMBLY WITH KEYBOARD OR ELECTRONICS UNIT REMOTE

Installation Procedures

TABLE VI.3-2. COMPONENT CONNECTIONS FOR 50/60 HZ POWER SUPPLY

<u>Component Connection</u>	<u>For 60 Hz</u>	<u>For 50 Hz</u>
C1	TB4-2	TB4-1
CR15 anode	TB4-4	TB4-3
CR16 anode	TB4-6	TB4-5
CR2 anode and CR4 cathode	TB3-1	TB3-2
CR8 anode and CR6 cathode	TB3-3	TB3-4
CR11 anode and CR9 cathode	TB3-5	TB3-6
CR12 anode and CR10 cathode	TB3-7	TB3-8

VI.4 PROCEDURE FOR SELECTION OF OPTIONS

Table VI.4-1 provides a list of the options that must be checked during installation. Remove the affected printed-circuit board from the electronics unit (A3) and set up the option in accordance with the referenced paragraph. Note that all options that are considered standard to the basic equipment are included in this section. For options (such as; extended memory, printer, cassette, and international character displays) that require additional or special printed-circuit boards, refer to Section VIII of this manual.



Most of the options are selected by bending a specified pin on an I-C chip so that it does not make contact with the chip socket. To prevent damage to the I-C chip, use a small screwdriver behind the pin and cause the pin to bend close to where it enters the case. Do not bend the pin more than is necessary to clear the chip socket.

TABLE VI.4-1. SELECTION OF OPTIONS

<u>Option</u>	<u>P-C Board Affected</u>	<u>Paragraph Reference</u>	<u>Figure Reference</u>	<u>Table Reference</u>
Synchronous Interface:				
Automatic or manual disconnect of Data-Terminal-Ready signal	(S Board) 2551 2476	VI.4-1	VI.4-1	--
Special instructions for use with international data sets	(S Board) 2551 2476	VI.4-26	VI.4-10	--
Asynchronous Interface:				
RS232 connections	(A Board) 1699 8734	VI.4-2	VI.4-2	--
Baud-rate select without speed dial	(A Board) 1699 8734	VI.4-3	VI.4-2	VI.4-2
Clear-To-Send	(A Board) 1699 8734	VI.4-4	VI.4-2	VI.4-3
Automatic or manual disconnect of Data-Terminal-Ready signal	(A Board) 1699 8734	VI.4-5	VI.4-2	--
Special instructions for use with international data sets	(A Board) 1699 8734	VI.4-26	VI.4-10	--
Two-Wire Direct Interface (TDI):				
TDI connections	(A Board) 1699 8734	VI.4-6	VI.4-2	--
Baud-rate select without speed dial	(A Board) 1699 8734	VI.4-3	VI.4-2	VI.4-2
Keyboard And Edit Options:				
No Keyboard	(V Board) 1699 8692	VI.4-7	VI.4-3	--
Forms inhibit	(C Board) 1699 7892	VI.4-8	VI.4-4	--
Tab inhibit	(C Board) 1699 7892	VI.4-9	VI.4-4	--
Insert/delete inhibit	(K Board) 2551 2609	VI.4-10	VI.4-5	--
Forms delimiters from keyboard: Braces {/} or brackets [/]	(K Board) 2551 2609	VI.4-11	VI.4-5	--
Transmit/Receive Character Options:				
Terminal address (AD1, AD2)	(H Board) 1699 8650	VI.4-12	VI.4-6	VI.4-4
Group select (GSL)	(H Board) 1699 8650	VI.4-13	VI.4-6	VI.4-4
Broadcast select (BSL)	(H Board) 1699 8650	VI.4-14	VI.4-6	--

TABLE VI.4-1. SELECTION OF OPTIONS (cont)

<u>Option</u>	<u>P-C Board Affected</u>	<u>Paragraph Reference</u>	<u>Figure Reference</u>	<u>Table Reference</u>
Group poll address	(H Board) 1699 8650	VI.4-15	VI.4-6	VI.4-5
Transmission number (XMN)	(H Board) 1699 8650	VI.4-16	VI.4-6	--
	(Q Board) 1699 7934	VI.4-16	VI.4-7	--
	(P Board) 1699 8775	VI.4-16	VI.4-8	--
Programmatic Mode control (DCI)	(V Board) 1699 8692	VI.4-17	VI.4-3	--
Selection of forms delimiters	(C Board) 1699 7892	VI.4-18	VI.4-4	VI.4-6
Memory erase at SOH time	(H Board) 1699 8650	VI.4-19	VI.4-6	--
Point-To-Point Communications Procedure:				
Contention and DEOT	(P Board) 1699 8775	VI.4-20	VI.4-8	--
Six/Seven-Bit Memory:				
64 character repertoire	(C Board) 1699 7892	VI.4-21	VI.4-4	--
96 character repertoire	(C Board) 1699 7892	VI.4-21	VI.4-4	--
Without Extended Memory	(M Board) 1696 9511	VI.4-22	VI.4-9	--
With Extended Memory	(M Board) 1696 9511	VI.4-23	VI.4-9	--
Parity Error Display Inhibit	(H Board) 1699 8650	VI.4-24	VI.4-6	--
DL2 To DL1 Compatibility	-- --	VI.4-25	--	--
Special instructions for use with international keyboards	(G Board) 2551 0447	VI.4-27	VI.4-11	VI.4-7

VI.4-1 DATA-TERMINAL-READY SIGNAL (S BOARD)

NOTE

The first and second paragraphs refer to options available in a Point-to-Point communications system, and the third paragraph refers to the connections that should be used in a Multipoint communications system. Select and perform the procedure in one of the following three paragraphs.

To select the automatic disconnect of the "Data-Terminal-Ready" signal, remove I-C chip (A20) from socket on S board (figure VI.4-1) and bend out pin 10 on chip. Replace chip in socket and ensure that pin 9 is connected.

To select the manual disconnect of the "Data-Terminal-Ready" signal, remove I-C chip (A20) from socket on S board (figure VI.4-1) and bend out pin 9. Replace chip in socket and ensure that pin 10 is connected.

For proper operation of the "Data-Terminal-Ready" signal in a Multipoint communications system, ensure that both pins 9 and 10 of I-C chip (A20) on the S board (figure VI.4-1) are connected.

VI.4-2 RS232 CONNECTIONS (A BOARD)

To select the RS232 asynchronous interface, perform the following steps on the A board (figure VI.4-2):

- A. Remove dummy resistor (R19).
- B. Remove the following I-C chips from sockets, bend out specified pins and replace chips in respective sockets:
 - A21 pin 8
 - A27 pin 2
 - A32 pin 10

- C. Ensure that the following I-C chip pins are connected in their respective sockets:
- A20 pin 11
 - A27 pin 11
- D. Select one of the following for proper operation of the transmit-to-receive delay (AXTRD-0):
1. For V23 data set only: Ensure that both pins 1 and 5 on I-C chip (A29) are connected.
 2. For standard RS232, 4-wire, interface: Remove I-C chip (A29) from socket and bend out pin 1 on chip. Replace chip in socket.
 3. For standard RS232, 2-wire, interface: Remove I-C chip (A29) from socket and bend out pin 5 on chip. Replace chip in socket and ensure that pin 1 is connected.
- E. Select one of the following for proper operation of the Transmit-Clear (AXCLR) circuit:
1. For standard RS232, 2-wire, interface, the transmit cycle is normally held true for three baud-clocks after the transmission of data has been completed. To select this three baud-clock hold of transmit, remove I-C chip (A16) from socket and bend out pin 2 on chip. Replace chip in socket and ensure that pin 13 of chip (A23) is connected.
 2. For standard RS232, 4-wire, interface, the transmit cycle is normally held true for one baud-clock after the transmission of data has been completed. To select this one baud-clock hold of transmit, ensure that pin 2 on chip A16 and pin 13 on chip A23 are connected.

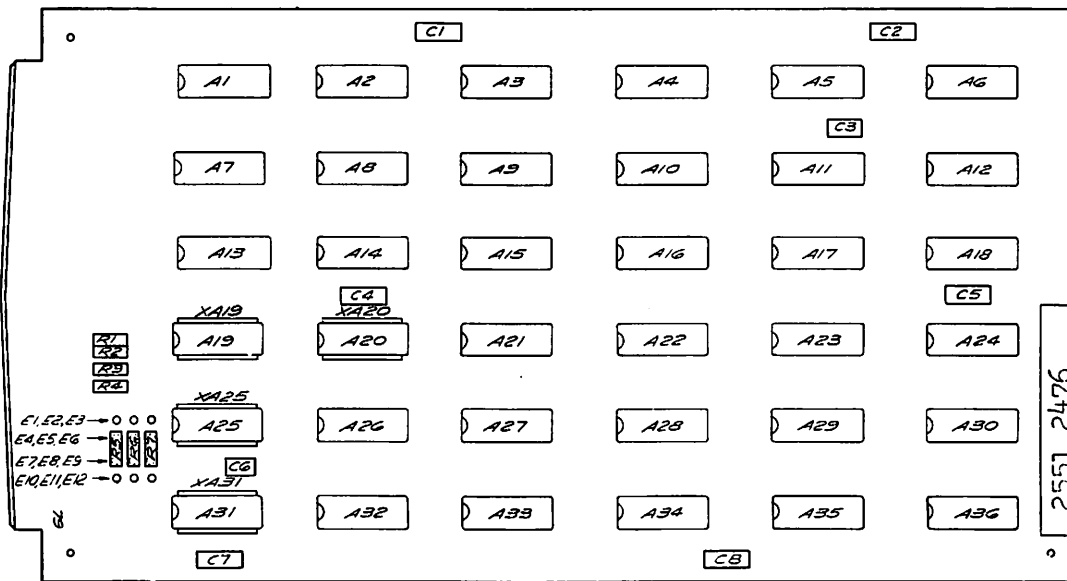


FIGURE VI.4-1 SYNCHRONOUS INTERFACE (S BOARD) 2551 2476

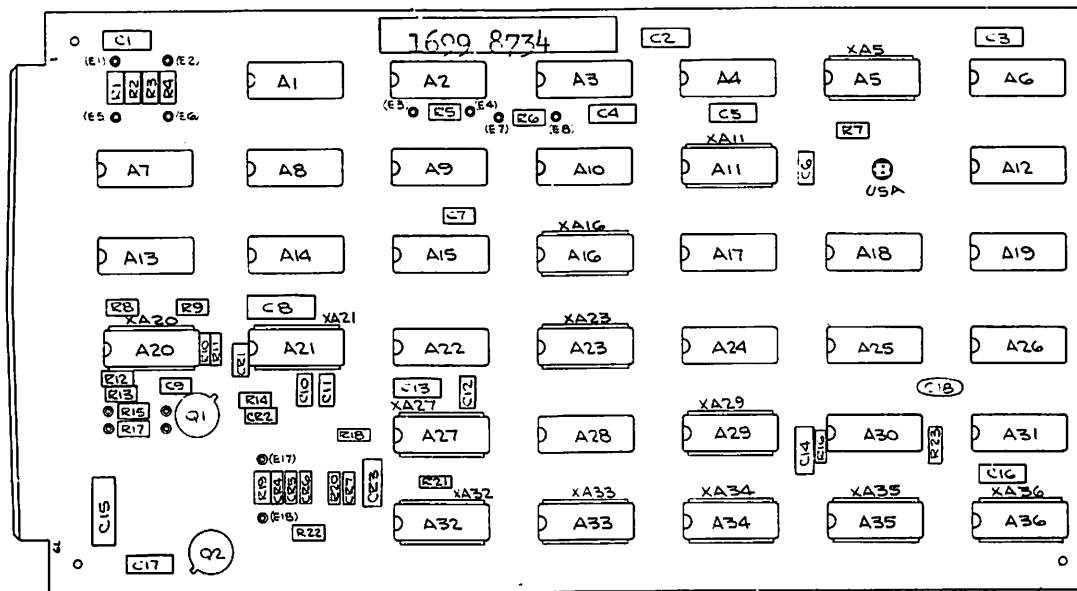


FIGURE VI.4-2 ASYNCHRONOUS INTERFACE (A BOARD) 1699 8734

VI.4-3 BAUD RATE SELECT (A BOARD)

To select the proper baud rate in terminals that do not contain a baud rate switch (speed dial), set up baud rate on A board (figure VI.4-2) in accordance with table VI.4-2. Ensure that fixed speed connector 1696 9693 is plugged into connector A3A2P1 on top of electronics unit. Note that maximum baud rate for RS232 interface is 1800, and maximum baud rate for TDI interface is 9600.

VI.4-4 CLEAR-TO-SEND

NOTE

The option outlined in the third paragraph is applicable only when TD700 terminals are concatenated downstream from TC500 terminals. (Note that if this configuration is used, group poll cannot be selected). For all other configurations, select the option outlined in either the first or second paragraph.

To select signal "clear-to-send" with no internal delay, remove I-C chip (A11) from socket on A board (figure VI.4-2) and bend out pin 1 on chip. Replace chip in socket and ensure that pin 5 on chip is connected. Then remove I-C chip (A5) from socket and bend out pin 9. Replace chip in socket and ensure that pin 11 on chip is connected.

To select signal "clear-to-send" with an internal delay, ensure that pins 1 and 5 of I-C chip (A11) on A board (figure VI.4-2) and pins 9 and 11 of I-C chip (A5) are all connected. Adjust delay time of clear-to-send single-shot in accordance with table VI.4-3.

When the TD700 is concatenated and signal XCB---1 (clear-to-send) is not available, select internal clear-to-send from single-shot by removing I-C

chip (A11) from socket on A board (figure VI.4-2) and bending out pin 5 on chip. Replace chip in socket and ensure that pin 1 on chip is connected. Then remove I-C chip (A5) from socket and bend out pin 11 on chip. Replace chip in socket and ensure that pin 9 on chip is connected. Adjust delay time of clear-to-send single-shot in accordance with table VI.4-3.

TABLE VI.4-2. BAUD RATE SELECT WITHOUT SPEED DIAL

I-C CHIP →	<u>A33</u>		<u>A34</u>				<u>A35</u>				<u>A36</u>			
	PIN →	<u>8</u> <u>10</u>	<u>4</u>	<u>10</u>	<u>3</u>	<u>11</u>	<u>4</u>	<u>10</u>	<u>3</u>	<u>11</u>	<u>4</u>	<u>10</u>	<u>3</u>	<u>11</u>
<u>BAUD RATE</u>														
75	0	1	1	0	0	0	1	0	1	0	1	1	1	0
150	1	1	1	0	0	1	0	1	0	1	1	1	0	1
200	0	1	1	1	1	1	1	1	0	1	0	0	1	1
300	0	1	0	0	1	0	1	0	1	1	1	0	1	1
600	1	1	0	1	0	1	0	1	1	1	0	1	1	1
1200	1	1	1	0	1	0	1	1	1	0	1	1	1	1
1800	0	0	0	0	1	0	0	1	0	1	1	1	1	1
2400	0	0	1	1	0	1	1	1	0	1	1	1	1	1
4800	0	0	0	1	1	1	1	0	1	1	1	1	1	1
9600	0	1	1	1	1	1	0	1	1	1	1	1	1	1

NOTE: Bend pin out for logical 1.

Leave pin connected for logical 0.

TABLE VI.4-3 CLEAR-TO-SEND SINGLE-SHOT DELAY

<u>Type of Communication</u>	<u>Delay in Milliseconds</u>	R1	R4	R5	R6
		—	—	—	—
V23 (4-wire), 1200 or 600 baud	16 or 200	OUT	IN	IN	OUT
V23 (2-wire), 1200 or 600 baud	200	OUT	IN	OUT	IN
V21 and Bell 202 series	50	IN	OUT	OUT	IN
Bell 103 series	265	OUT	OUT	OUT	IN
Burroughs TA713	16	OUT	IN	OUT	OUT
Burroughs TA783	16	OUT	IN	OUT	OUT
TDI (Standard)	1	IN	IN	OUT	OUT
---	4	IN	OUT	OUT	OUT
---	20	OUT	OUT	OUT	OUT

NOTE: IN - Leave dummy resistor on circuit board.

OUT - Remove dummy resistor from circuit board.

VI.4-5 DATA-TERMINAL-READY SIGNAL (A BOARD)

NOTE

The first and second paragraphs refer to options available in a Point-to-Point communications system, and the third paragraph refers to the connections that should be used in a Multipoint communications system. Select and perform the procedure in one of the following three paragraphs.

To select the automatic disconnect of the "Data-Terminal-Ready" signal, remove I-C chip (A32) from socket on A board (figure VI.4-2) and bend out pin 4 on chip. Replace chip in socket and ensure that pin 5 is connected.

To select the manual disconnect of the "Data-Terminal-Ready" signal, remove I-C chip (A32) from socket on A board (figure VI.4-2) and bend out pin 5 on chip. Replace chip in socket and ensure that pin 4 is connected.

For proper operation of the "Data-Terminal-Ready" signal in a Multipoint communications system, ensure that both pins 4 and 5 of I-C chip (A32) on the A board (figure VI.4-2) are connected.

VI. 4-6 TDI CONNECTIONS (A BOARD)

To select the TDI asynchronous interface, perform the following steps on the A board (figure VI.4-2):

- A. Install dummy resistor (R19).
- B. Remove the following I-C chips from sockets, bend out specified pins and replace chips in respective sockets:
 - A29 pin 1
 - A20 pin 11
 - A27 pin 11
 - A23 pin 13
- C. Ensure that the following I-C chip pins are connected in their respective sockets:
 - A21 pin 8
 - A27 pin 2
 - A32 pin 10
 - A16 pin 2

VI.4-7 NO KEYBOARD

To operate a TD700 without a keyboard unit, remove I-C chip (A12) from socket on V board (figure VI.4-3) and bend out pin 6 on chip. Replace chip in socket.

VI.4-8 FORMS INHIBIT

To inhibit the forms option, remove I-C chip (A2) from socket on C board (figure VI.4-4) and bend out pin 11 on chip. Replace chip in socket.

VI.4-9 TAB INHIBIT

To inhibit the tab option, remove I-C chip (A17) from socket on C board (figure VI.4-4) and bend out pin 2 on chip. Replace chip in socket.

VI.4-10 CHARACTER INSERT/DELETE INHIBIT

To inhibit the character insert option, remove I-C chip (A16) from socket on K board (figure VI.4-5) and bend out pin 10 on chip. Replace chip in socket.

To inhibit the character delete option, remove I-C chip (A21) from socket on K board (figure VI.4-5) and bend out pin 10 on chip. Replace chip in socket.

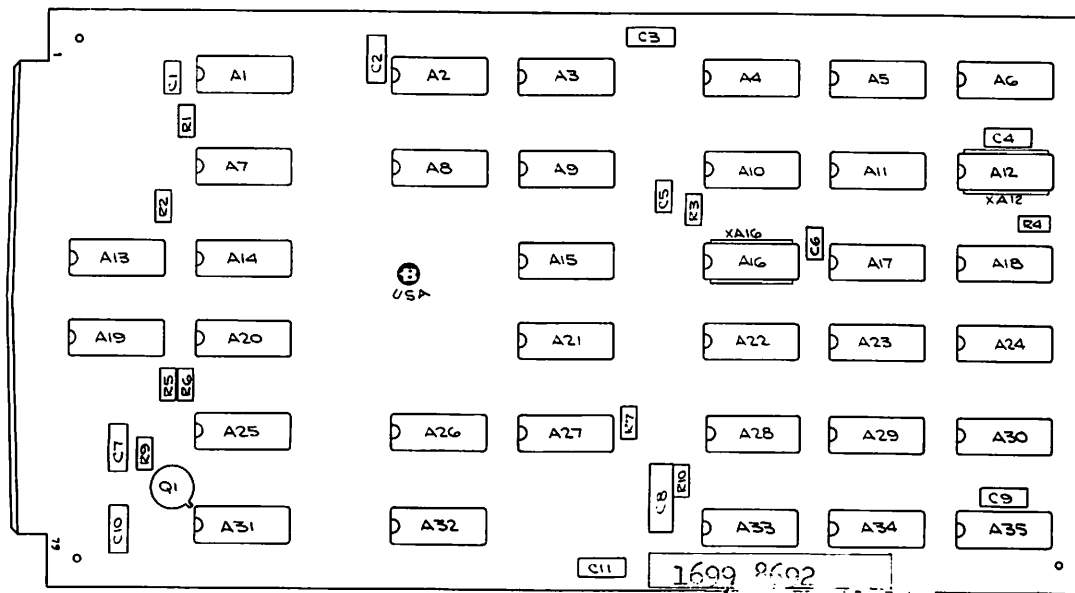


FIGURE VI.4-3 COMMUNICATION CONTROL (V BOARD) 1699 8692

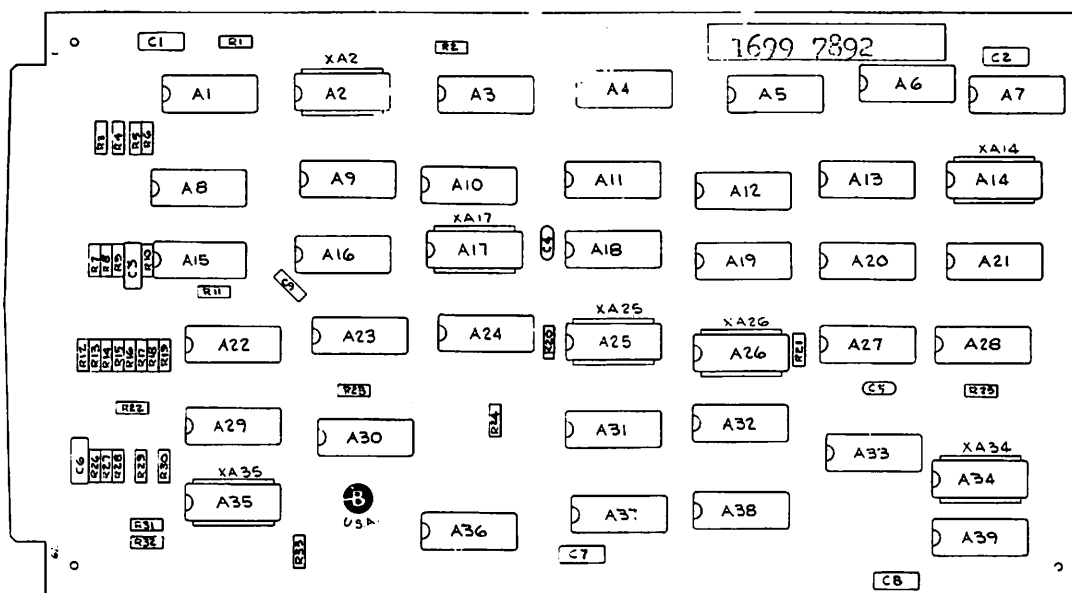


FIGURE VI.4-4 CENTRAL CONTROL (C BOARD) 1699 7892

VI.4-11 FORMS DELIMITERS FROM KEYBOARD

NOTE

This selection prevents the operator from inserting forms delimiters when the terminal is in the forms mode.

To select braces {/} as the forms delimiters, remove I-C chip (A30) from socket on K board (figure VI.4-5) and bend out pin 12 on chip. Replace chip in socket and ensure that pin 5 is connected.

To select brackets [/] as the forms delimiters, remove I-C chip (A30) from socket on K board (figure VI.4-5) and bend out pin 5 on chip. Replace chip in socket and ensure that pin 12 is connected.

VI.4-12 TERMINAL ADDRESS (AD1, AD2)

To set up the terminal address (characters AD1 and AD2), remove the I-C chips, one at a time, from the H board (figure VI.4-6) and set up address in accordance with table VI.4-4.

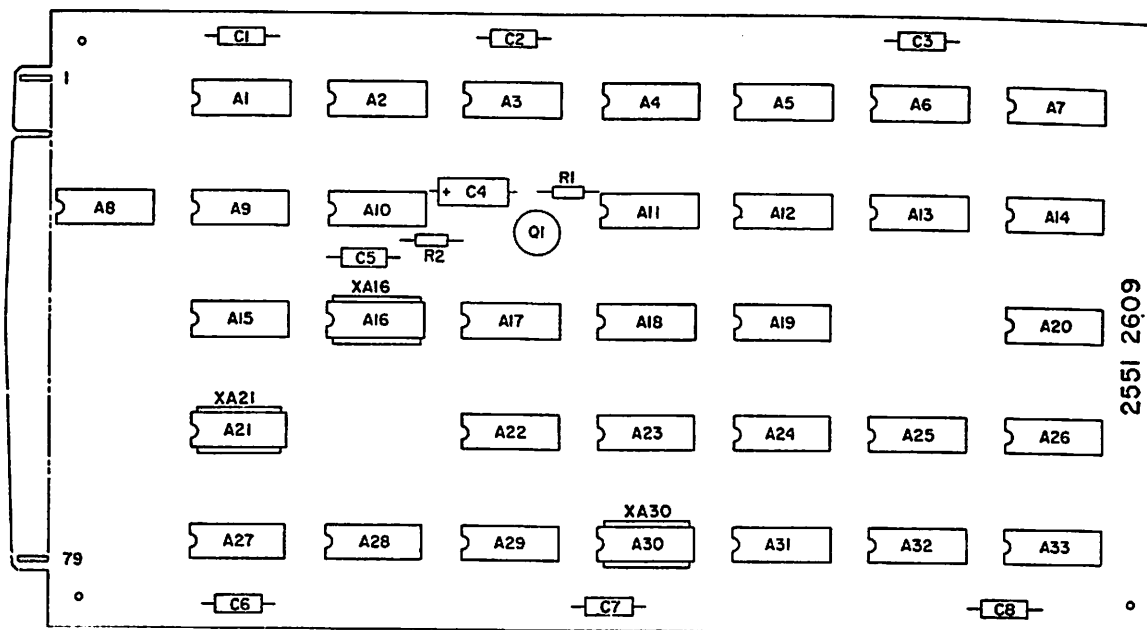


FIGURE VI.4-5 KEYBOARD INTERFACE (K BOARD) 2551 2609

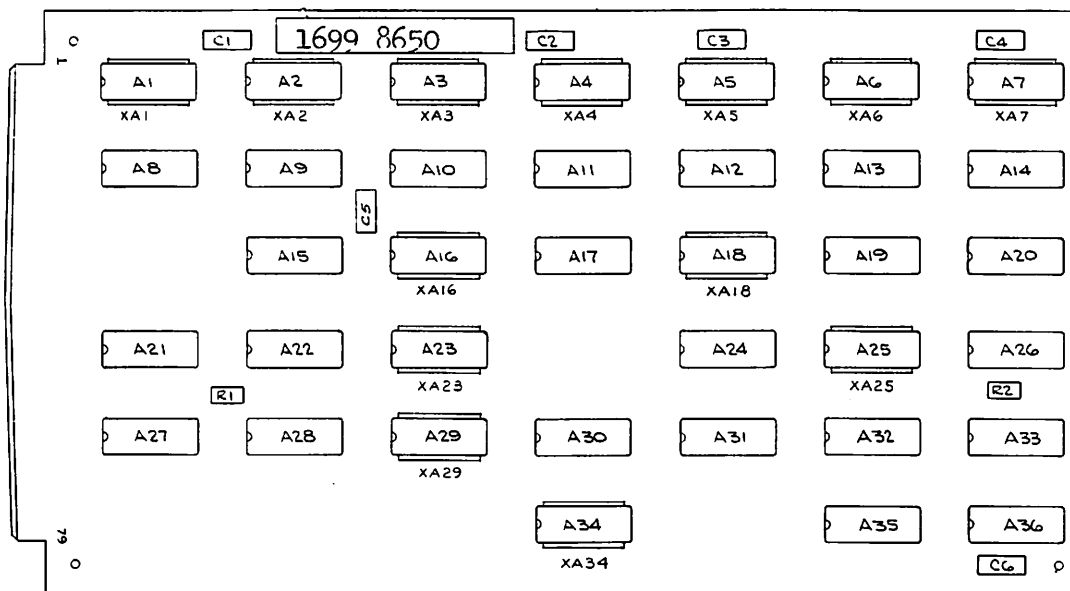


FIGURE VI.4-6 COMMUNICATIONS INTERFACE (H BOARD) 1699 8650

TABLE VI.4-4 AD1, AD2, AND GSL ADDRESS SELECTION

<u>Bit Weight</u>	<u>7</u>	<u>6</u>	<u>5</u>	<u>4</u>	<u>3</u>	<u>2</u>	<u>1</u>
<u>I-C Chip</u>	<u>A7</u>	<u>A6</u>	<u>A5</u>	<u>A4</u>	<u>A3</u>	<u>A2</u>	<u>A1</u>
<u>Character</u>	<u>Pin</u>	<u>Pin</u>	<u>Pin</u>	<u>Pin</u>	<u>Pin</u>	<u>Pin</u>	<u>Pin</u>
AD1	1	1	1	1	1	1	1
AD2	2	2	2	2	2	2	2
GSL	4	4	4	4	4	4	4

- NOTES:
1. Bend pin out for logic 0.
 2. Leave pin connected for logic 1.
 3. Refer to ASCII chart (figure I.1-3) columns two thru six for code configurations. Do not use the same address for both normal address (AD1, AD2) and group poll address (AD1, AD2).

VI.4-13 GROUP SELECT (GSL)

NOTE

If the group-select option is not required, then it must be inhibited as detailed in the second paragraph.

To set up the address for character GSL, remove I-C chips, one at a time, from the H board (figure VI.4-6) and set up address in accordance with table VI.4-4.

To inhibit group select, set the GSL address to EOT (0000100).

VI.4-14 BROADCAST SELECT (BSL)

To inhibit broadcast select, remove I-C chip (A34) from socket on H board (figure VI.4-6) and bend out pin 8 on chip. Replace chip in socket.

VI.4-15 GROUP POLL ADDRESS

NOTE

If the group-poll option is not required, then it must be inhibited as detailed in the second paragraph.

To set up the group poll address (characters AD1 and AD2), remove the I-C chips, one at a time, from the H board (figure VI.4-6) and set up address in accordance with table VI.4-5.

To inhibit group poll, set the group poll (AD1, AD2) address to EOT (0000100).

TABLE VI.4-5 GROUP POLL ADDRESS SELECTION

<u>Bit Weight</u>	<u>7</u>	<u>6</u>	<u>5</u>	<u>4</u>	<u>3</u>	<u>2</u>	<u>1</u>
<u>I-C Chip</u>	<u>A29</u>	<u>A29</u>	<u>A29</u>	<u>A23</u>	<u>A23</u>	<u>A23</u>	<u>A23</u>
<u>Character</u>	<u>Pin</u>	<u>Pin</u>	<u>Pin</u>	<u>Pin</u>	<u>Pin</u>	<u>Pin</u>	<u>Pin</u>
GPL (AD1)	10	12	1	10	4	12	1
GPL (AD2)	9	13	2	9	5	13	2

- NOTES: 1. Bend pin out for logic 0.
2. Leave pin connected for logic 1.
3. Code configurations for group-poll address must be selected from columns two thru six of ASCII chart (figure I.1-3). Do not use the same address for both the group poll address (AD1, AD2) and the normal address (AD1, AD2).

VI.4-16 TRANSMISSION NUMBER (XMN)

NOTE

The first and second paragraphs provide a choice of characters that can be used for transmission number and the third paragraph is the procedure for inhibiting the transmission number. Select and perform the procedure in one of the following three paragraphs.

To select characters 1 or 0 for transmission number, remove I-C chip (A7) from socket on H board (figure VI.4-6) and bend out pin 12 on chip. Replace chip in socket and ensure that pin 5 of chip (A5) and pin 12 of chip (A6) are connected.

To select characters A or @ for transmission number, remove I-C chip (A5) from socket on H board (figure VI.4-6) and bend out pin 5 on chip. Replace chip in socket and then remove chip (A6), bend out pin 12 on chip and replace in socket. Ensure that pin 12 on chip A7 is connected.

To inhibit transmission number, perform steps A and B or A and C as applicable.

- A. On H board (figure VI.4-6), remove the following I-C chips from sockets, bend out specified pins and replace chips in respective sockets:

A16 pin 13

A 5 pin 5

A 6 pin 12

A 7 pin 12

- B. On Q board (figure VI.4-7), remove I-C chip (A15) from socket and bend out pin 5 on chip then bend in pin 4 on chip. Replace chip in socket and ensure that pin 4 is connected.

C. On P board (figure VI.4-8), remove I-C chip (A12) from socket and bend out pin 5 on chip then bend in pin 4 on chip. Replace chip in socket and ensure that pin 4 is connected.

VI.4-17 PROGRAMMATIC MODE CONTROL (DC1)

To inhibit the DC1 option, remove I-C chip (A16) from socket on V board (figure VI.4-3) and bend out pin 11 on chip. Replace chip in socket.

VI.4-18 SELECTION OF FORMS DELIMITERS

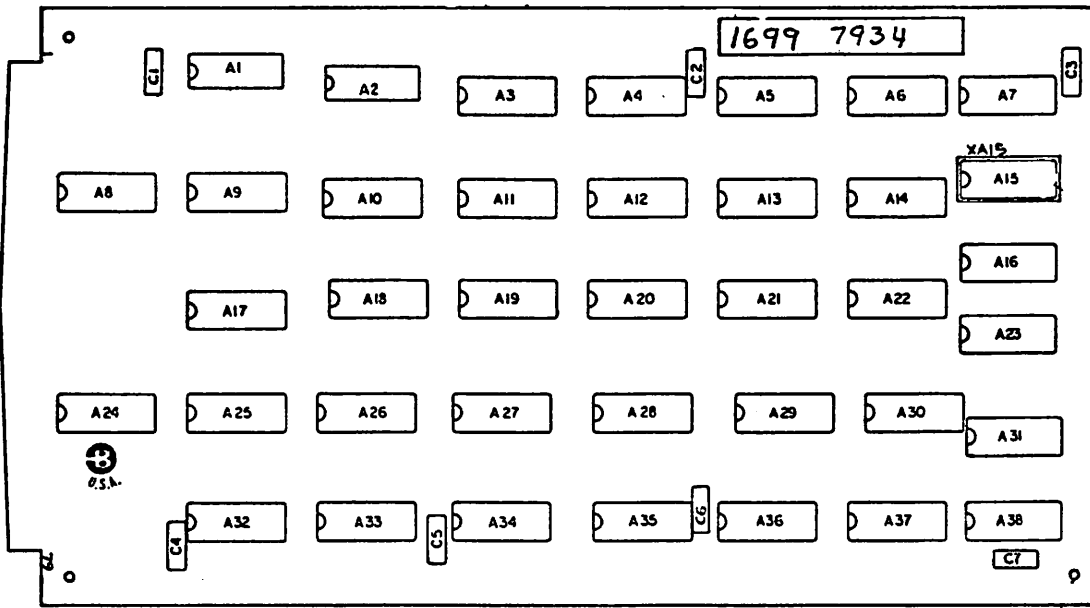
To select the forms delimiters, remove the specified I-C chips, one at a time, from the C board (figure VI.4-4) and set up pin configuration in accordance with table VI.4-6.

TABLE VI.4-6 SELECTION OF FORMS DELIMITERS (C BOARD)

I-C Chip →	<u>A25</u>		<u>A26</u>		<u>A35</u>	
Pin →	<u>3</u>	<u>6</u>	<u>2</u>	<u>11</u>	<u>9</u>	<u>10</u>
<u>Characters</u>						
RS/US only	0	0	1	1	1	0
RS/US or {/}	0	0	1	0	1	0
[/] only	1	1	0	0	0	1

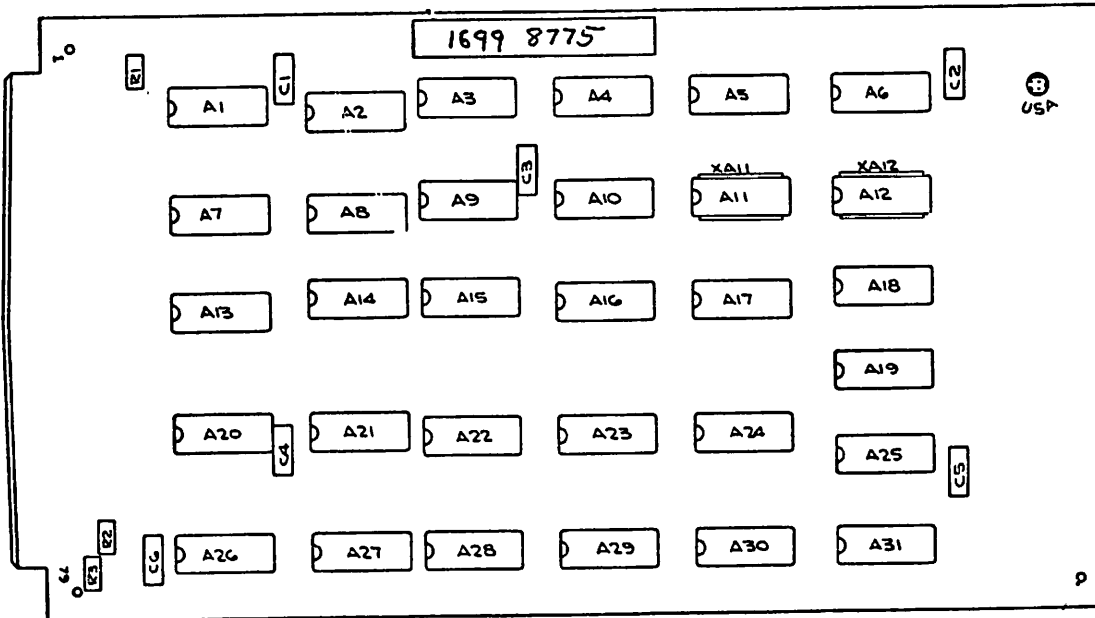
NOTE: Bend pin out for 0.

Leave pin connected for 1.



19270

FIGURE VI.4-7 MULTIPPOINT SEQUENCE (Q BOARD) 1699 7934



19271

FIGURE VI.4-8 POINT-TO-POINT SEQUENCE (P BOARD) 1699 8775

VI.4-19 MEMORY ERASE AT SOH TIME

To erase the memory at SOH time in the receive mode, perform steps A, B, and C or A, B, and D as applicable.

- A. Remove I-C chip (A18) from socket on H board (figure VI.4-6) and bend in pin 13 so that it makes contact when chip is replaced in socket.
- B. Remove I-C chip (A1) from socket on V board (figure VI.4-3) and bend out pins 4 and 13 on chip. Replace chip in socket.
- C. Remove I-C chip (A7) from socket on P board (figure VI.4-8) and bend out pin 11 on chip. Replace chip in socket.
- D. Remove I-C chip (A8) from socket on Q board (figure VI.4-7) and bend out pin 11 on chip. Replace chip in socket.

VI.4-20 CONTENTION AND DEOT (P BOARD)

NOTE

When a "switched-line" procedure is used, signal DEOT should be enabled. When a "dedicated-contention" (leased line) procedure is used, contention should be enabled and signal DEOT should be disabled.

To enable contention, remove I-C chip (A11) from socket on P board (figure VI.4-8) and bend out pin 5 on chip.

To disable signal DEOT, remove I-C chip (A11) from socket on P board and bend out pin 1 on chip. Replace chip in socket.

VI.4-21 SIX/SEVEN-BIT MEMORY (C BOARD)

To set up the C board (figure VI.4-4) for standard six-bit memory operation (64 character repertoire), remove I-C chip (A14) from socket and bend out pin 5 on chip. Replace chip in socket and ensure that (A14) pin 4 and (A34) pin 5 are connected.

NOTE

For seven-bit memory operation, the TD700 must contain a G3 type G board

To set up the C board (figure VI.4-4) for seven-bit memory operation (96 character repertoire), remove I-C chip (A14) from socket and bend out pin 4 on chip. Replace chip in socket and ensure that pin 5 on chip is connected. Then remove I-C chip (A34) from socket and bend out pin 5. Replace chip in socket.

VI.4-22 TD700 WITHOUT EXTENDED MEMORY

To ensure that extended memory option has been bypassed, check I-C chip (A3) on M board (figure VI.4-9) to ensure that pin 1 on chip is connected.

VI.4-23 TD700 WITH EXTENDED MEMORY

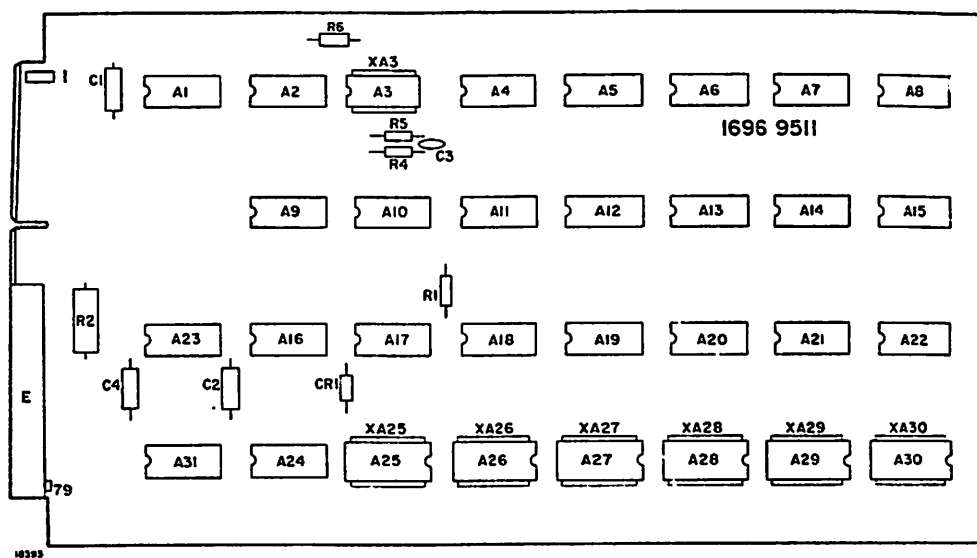
NOTE

For extended memory operation, the TD700 must contain an E board (part number 1699 8619) and the keyboard must contain the memory page indicators and a MEM/ADV key.

To enable extended memory, remove I-C chip (A3) from socket on M board (figure VI.4-9) and bend out pin 1 on chip. Replace chip in socket.

VI.4-24 PARITY ERROR DISPLAY INHIBIT

To inhibit the question mark (?) that is displayed in place of a received character with a parity error, remove I-C chip (A25) from socket on H board (figure VI.4-6) and bend out pin 10 on chip. Then remove I-C chip (A18) from socket on H board and bend out pin 10 on chip. Replace chips in respective sockets.



18393

FIGURE VI.4-9 CONTROL AND MEMORY (M BOARD) 1696 9511

VI.4-25 DL2 TO DL1 COMPATIBILITY

To operate a TD700 design-level-2 (DL2) terminal and a TD700 design-level-1 (DL1) terminal on the same communications network, the following options must be selected in the TD700 (DL2) terminal:

- A. Select memory erase at SOH time (paragraph VI.4-19).
- B. If forms option is used, select brackets [/] as forms delimiters (paragraphs VI.4-11 and VI.4-18).
- C. If transmit number (XMN) is used, select characters A and @ (paragraph VI.4-16).
- D. Inhibit group-poll address (paragraph VI.4-15).
- E. Remove character generator chip from G board (G2 or G4 type) and replace with character generator chip part number 1627 1884.
- F. When braces {/} are inserted from the keyboard, the character generator chip installed in step E will cause the braces {/} to appear reversed on the display. To correct this problem, install new key caps with braces {/} reversed. (Refer to parts catalog for part numbers).

VI.4-26 SPECIAL INSTRUCTIONS FOR USE WITH INTERNATIONAL DATA SETS

In order to establish the transmission frequency at which certain CCITT data sets will operate, a positive or negative voltage level is required on one or more of three separate signal lines (two signal lines for asynchronous data sets). The three signals which are used for this purpose are the data-signal-rate-selector (ACH/SCH) signal, the baud-rate-select (ARATE/SRATE) signal, and the select-standby (S116) signal. These signals can be programmed on the A board or S board to select either -12 volts, +12 volts, or a voltage level from the baud rate switch (speed dial). Figure VI.4-10 illustrates the portion of the S board and A board

on which these signal levels are selected. For example: If dummy resistor R6 on the S board is connected between eyelets E2 and E8, then signal SRATE will be -12 volts. If dummy resistor R6 on S board is connected between eyelets E2 and E11, then signal SRATE will be determined by the position of the baud rate switch. As illustrated on the table in figure VI.4-10, the baud rate switch provides signal levels which are compatible to the V23 (asynchronous) data set and the V26 (synchronous) data set. If the signal levels that are provided from the baud rate switch are not compatible with the CCITT data set being used or if the TD700 does not contain a baud rate switch, then the +12 or -12 volt signal levels must be selected by moving the leads on the dummy resistors as previously discussed.

For a V21 (asynchronous) data set, signal ARATE is used to select one of two operating frequencies. To select frequency number 1, connect dummy resistor R17 on A board between eyelets E16 and E15 (-12 volts). To select frequency number 2, connect dummy resistor R17 on A board between eyelets E16 and E14 (+12 volts).

SPEED DIAL INTERNATIONAL SWITCH SELECTIONS (V23/V26)

Switch Position	Data Rate	Data Set	Signal	Signal Level Provided
5	600	V23/V26	ACH/SCH ARATE/SRATE S116	-12V -12V +12V
6	1200	V23/V26	ACH/SCH ARATE/SRATE S116	+12V +12V +12V
7	2400	V26	SCH SRATE S116	OPEN OPEN -12V

NOTE: All other switch positions are not used for V23/V26 data sets.

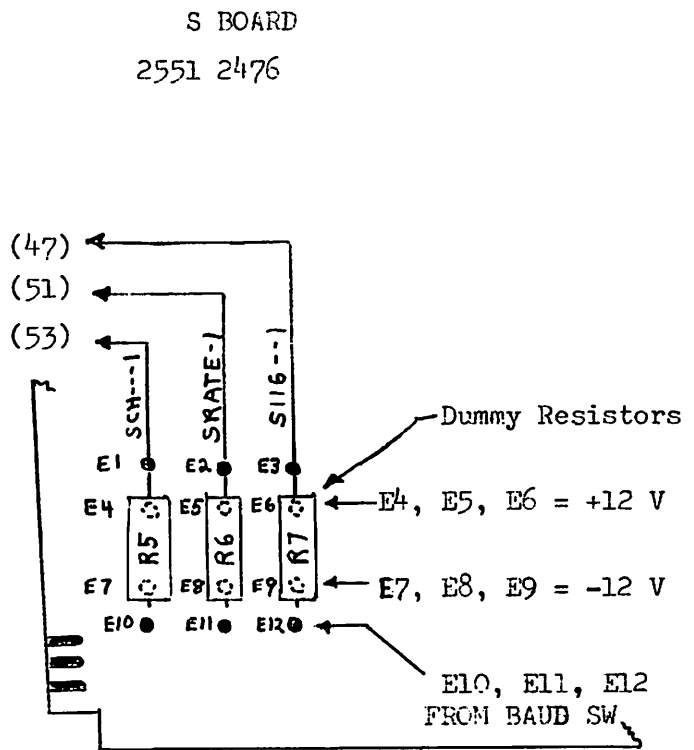
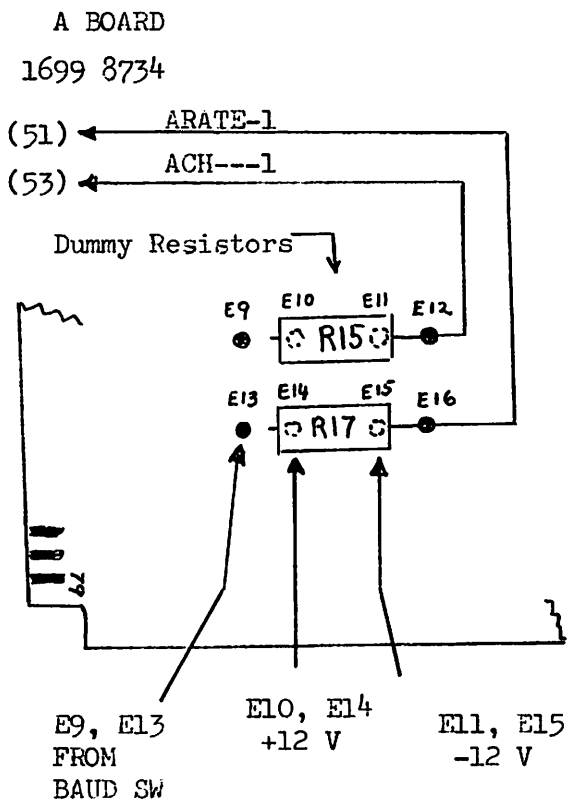


FIGURE VI.4-10 CONNECTIONS FOR INTERNATIONAL DATA SETS

VI.4-27 SPECIAL INSTRUCTIONS FOR USE WITH INTERNATIONAL KEYBOARDS

In order to display the special characters used on an international keyboard, program adder circuit on G4 type board (figure VI.4-11) in accordance with table VI.4-7.

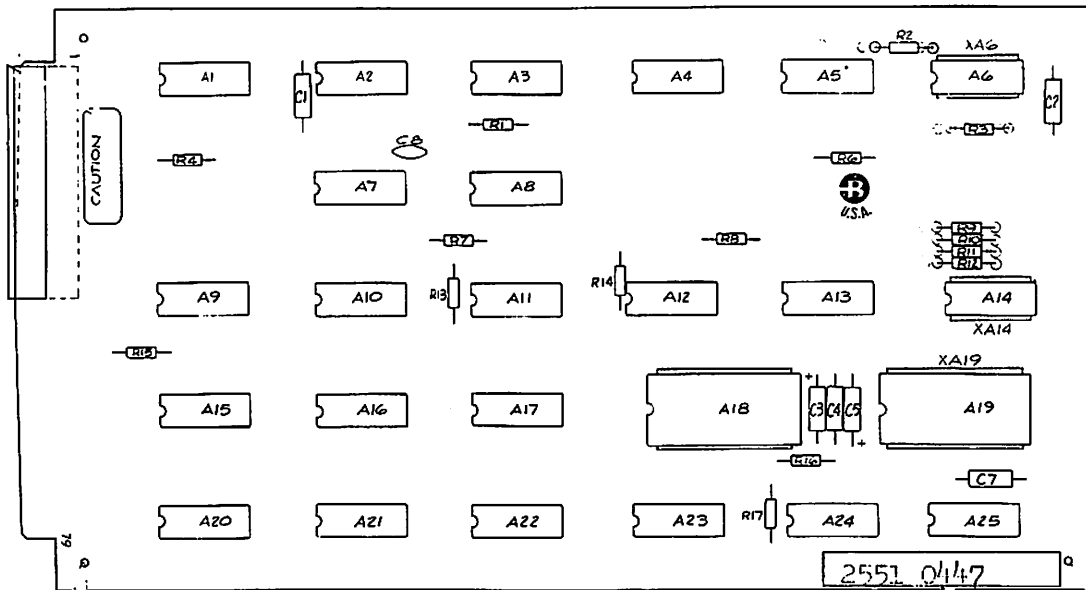


FIGURE VI.4-11 CHARACTER GENERATOR (G BOARD TYPE G4) 2551 0447

TABLE VI.4-7 PROGRAMMING ADDER FOR INTERNATIONAL KEYBOARDS

COUNTRY	I-C CHIP → PIN →		A14			
	<u>8</u>	<u>10</u>	<u>1</u>	<u>3</u>	<u>8</u>	<u>10</u>
FRANCE/BELGIUM	IN	IN	IN	OUT	OUT	OUT
UNITED KINGDOM	IN	IN	OUT	OUT	OUT	IN
GERMANY/AUSTRIA/SWITZ	IN	OUT	IN	OUT	IN	OUT
ITALY	IN	OUT	OUT	OUT	IN	IN
PORTUGAL/BRAZIL	OUT	IN	IN	IN	OUT	OUT
SOUTH AFRICA	OUT	IN	OUT	IN	OUT	IN
SPAIN/LATIN AMERICA	IN	IN	IN	IN	IN	IN
SWEDEN/FINLAND	OUT	OUT	IN	IN	IN	OUT
NORWAY/DENMARK	OUT	OUT	OUT	IN	IN	IN

IN = LEAVE PIN CONNECTED (LOGIC 0)
 OUT = BEND PIN OUT (LOGIC 1)

VI.5 FINAL INSTALLATION AND CHECKOUT

After all options have been set up in accordance with site requirements, perform the following procedures:

- A. Ensure that all printed-circuit boards are installed in the proper slot locations in the electronics unit.
- B. If baud rate switch (speed dial) is used, set switch for proper baud rate.
- C. Ensure that the three maintenance switches, which are located along the top front edge of the electronics unit, are in the off position. (See figure V.1-1).
- D. Connect ac-power cable (W1) to connector P1 of electronics unit (see figure VI.2-2).
- E. Set ac-power switch to the on position and check operation of terminal in local mode.
- F. Set ac-power switch to the off position and connect modem cable (W4), or concatenation cables (W4 and W5), or TDI connector (see figure VI.5-1) to connector P2 of electronics unit (see figure VI.2-2).
- G. Set ac-power switch to the on position and check system operation in the transmit and receive modes.
- H. Set ac-power switch to the off position and replace cover on electronics unit (refer to step VI.3A).

CONNECTIONS FOR KIT 2551 1270

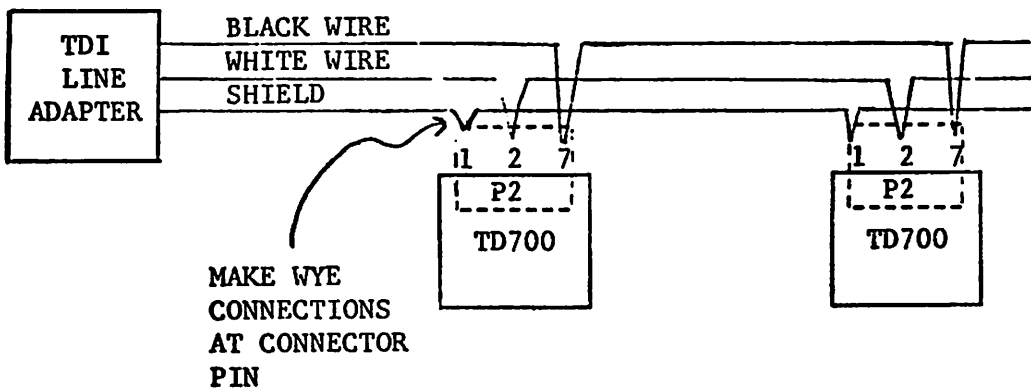
<u>CABLE</u>	<u>CONNECTOR PIN</u>	<u>SIGNAL</u>
SHIELD	1	Protective ground (Circuit AA)
WHITE WIRE	2	Data (Circuit BA)
BLACK WIRE	7	Signal ground (Circuit AB)

NOTE: Use TDI shielded cable, twisted two wire,
that conforms to drawing 1110 0062.

RECOMMENDED TDI CONNECTION FOR TERMINAL STRING

MAXIMUM LENGTH OF CABLE FROM LINE ADAPTER TO
LAST TERMINAL = 1000 FEET.

RECOMMENDED MAXIMUM NUMBER OF TERMINALS PER
STRING = NINE.



18365

FIGURE VI.5-1 TDI CABLE CONNECTOR KIT 2551 1270