



DATAPPOINT 2200
VERSION I and II
DRAWING PACKAGE

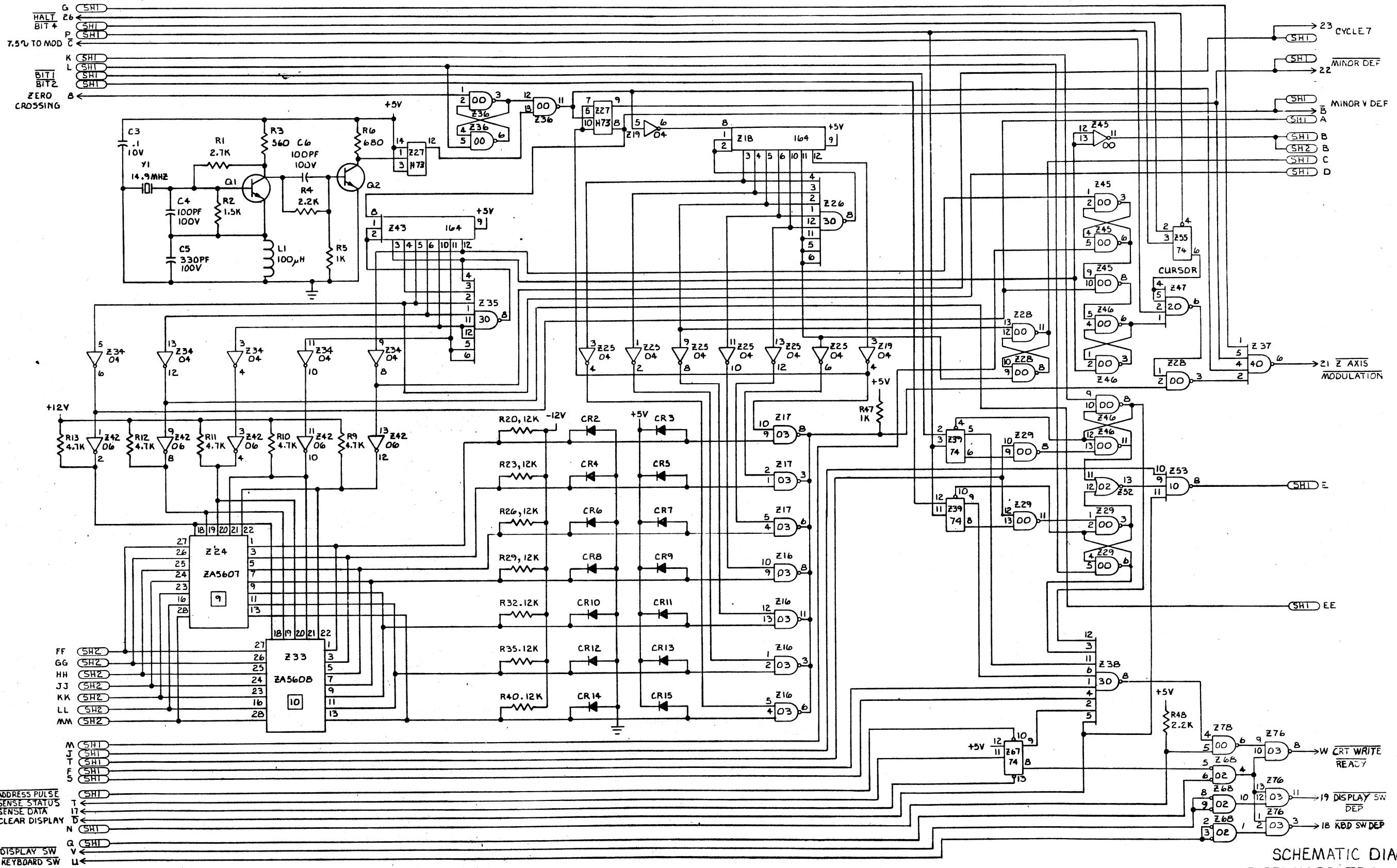
CONFIDENTIAL PROPRIETARY INFORMATION

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D

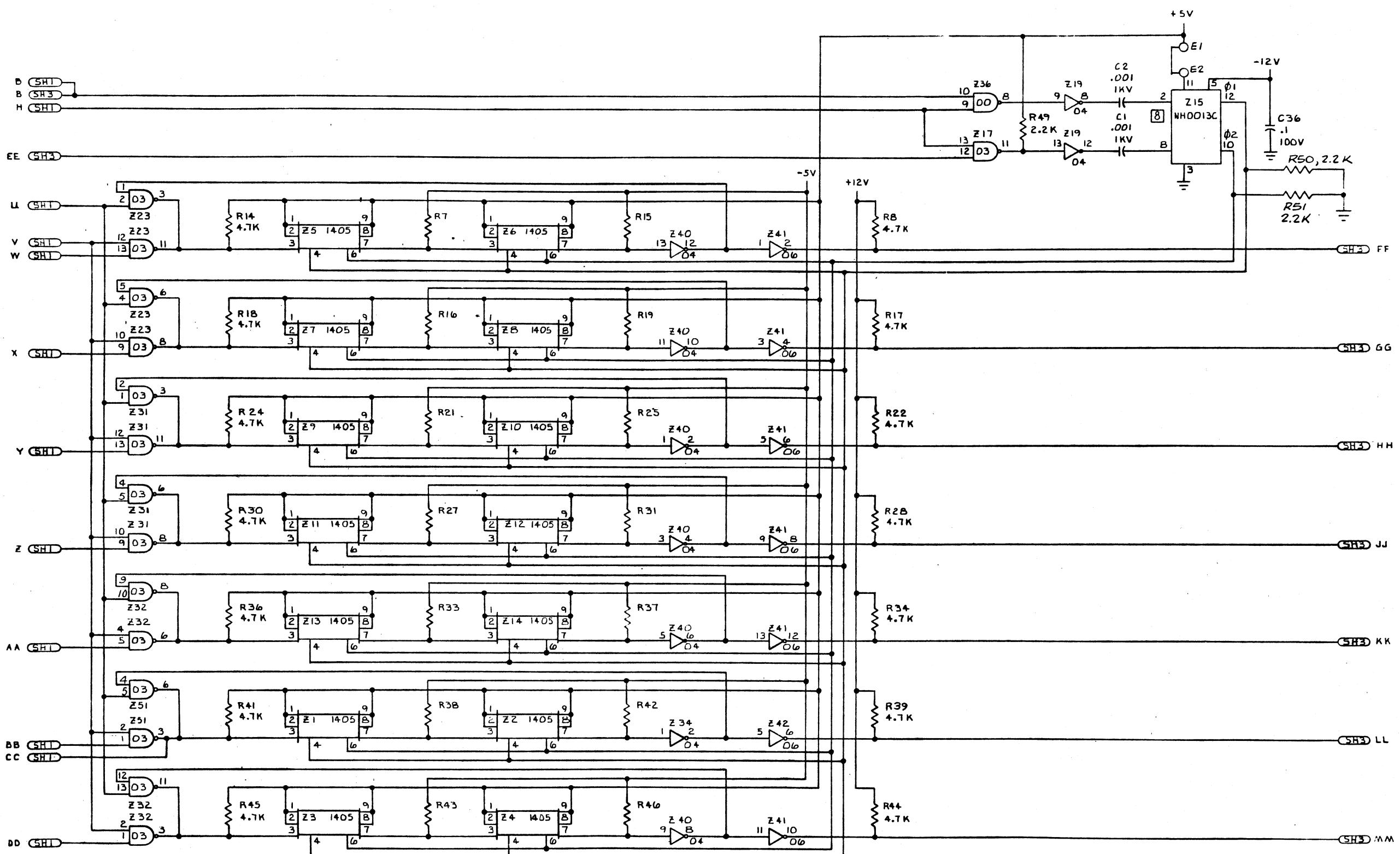
1



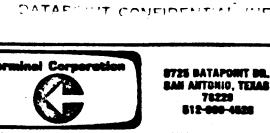
SCHEMATIC DIAGRAM,
DISPLAY CONTROL LOGIC A8

8 | 7 | 6 | 5 | 4 | 3 | 2 | 1

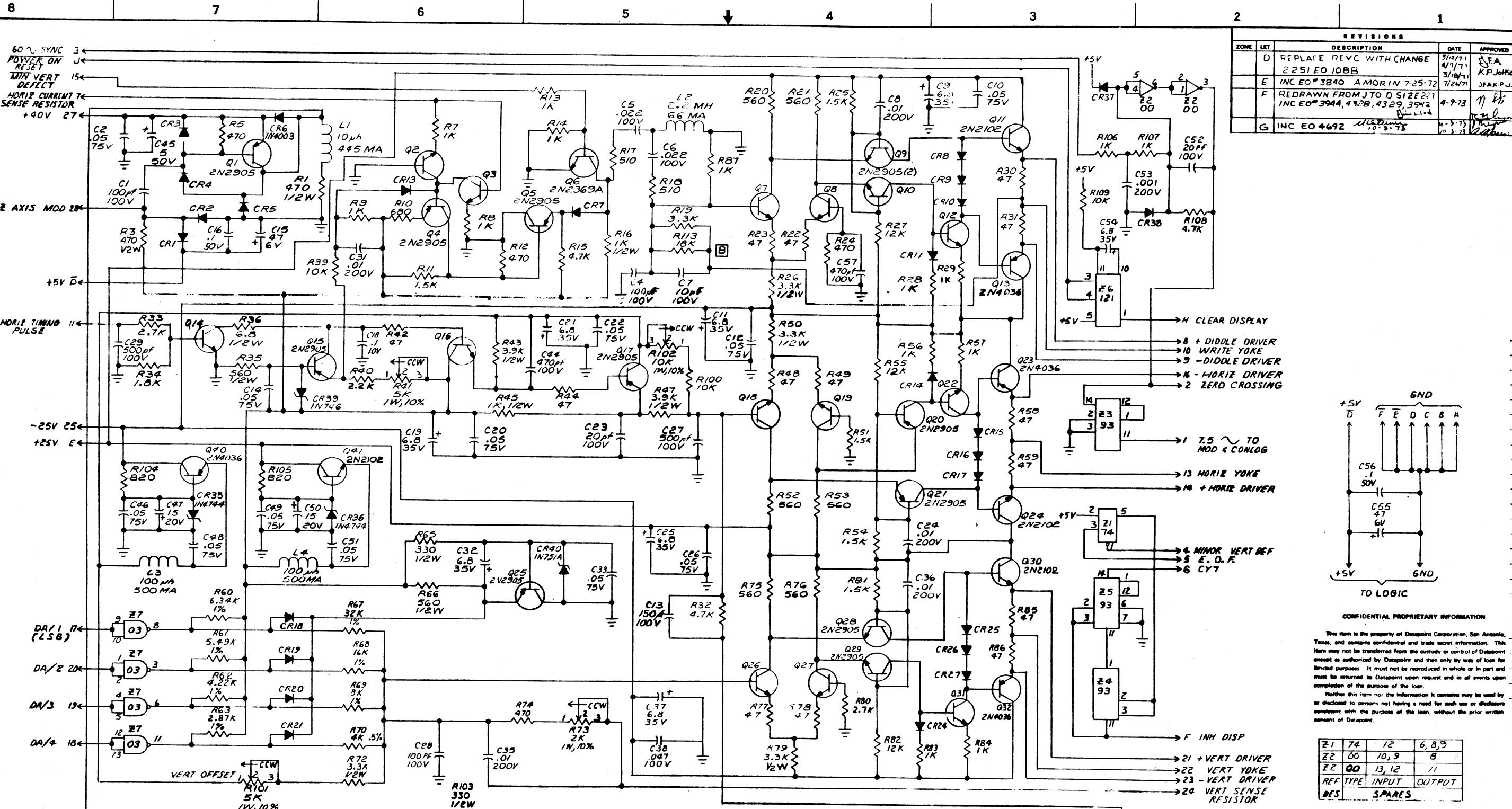
D



SCHEMATIC DIAGRAM,
DISPLAY CONTROL LOGIC A8



SHEET	2
SIZE	D
SCALE	NONE
DWG NO.	03-101-C011 K

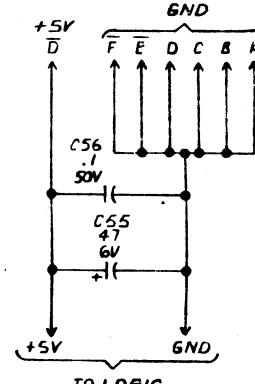


A SELECT CORRECT DIDDLE AMPLITUDE AT TEST. R113 MAYBE REMOVED AS NECESSARY.

7. TRANSISTORS ARE 2N2219A.
6. NODES ARE IN914.
5. CAPACITANCE VALUES ARE IN MICROFARADS.
4. RESISTOR VALUES ARE IN OHMS, 1/4W, 5%.
3. LOGIC SYMBOLS PER USA-STD-Y32.14, ELECTRONIC SYMBOLS PER USA-STD Y32.2-67.
2. NUMBERS SHOWN WITHIN LOGIC SYMBOLS ARE SEGMENTS OF VENDOR PART NUMBERS DESCRIBED IN PARTS LIST.
1. PARTIAL REFERENCE DESIGNATIONS ARE SHOWN; FOR COMPLETE DESIGNATION PREFIX WITH UNIT AND/OR ASSEMBLY DESIGNATION.

NOTES: (UNLESS OTHERWISE SPECIFIED)

REVISIONS			
ZONE	LET	DESCRIPTION	DATE
D	D	REPLACE REV C WITH CHANGE 2251 EO 1088	3/1/71 4/1/71 KFA K.P.JOHNSON
E	E	INC EO #3840 AMORIN 7-25-72	3/18/71 7/24/71 J.P.JOHNSON
F	F	REDRAWN FROM J TO D SIZE 221 INC EO #3944, 4328, 4329, 3942	4-9-73 P.L.1.4 J.P.JOHNSON
G	G	INC EO 4692	10-3-73 J.P.JOHNSON



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Z1	74	12	6, 8, 9
Z2	00	10, 9	8
Z2	00	13, 12	11

REF TYPE INPUT OUTPUT

DES SPARES

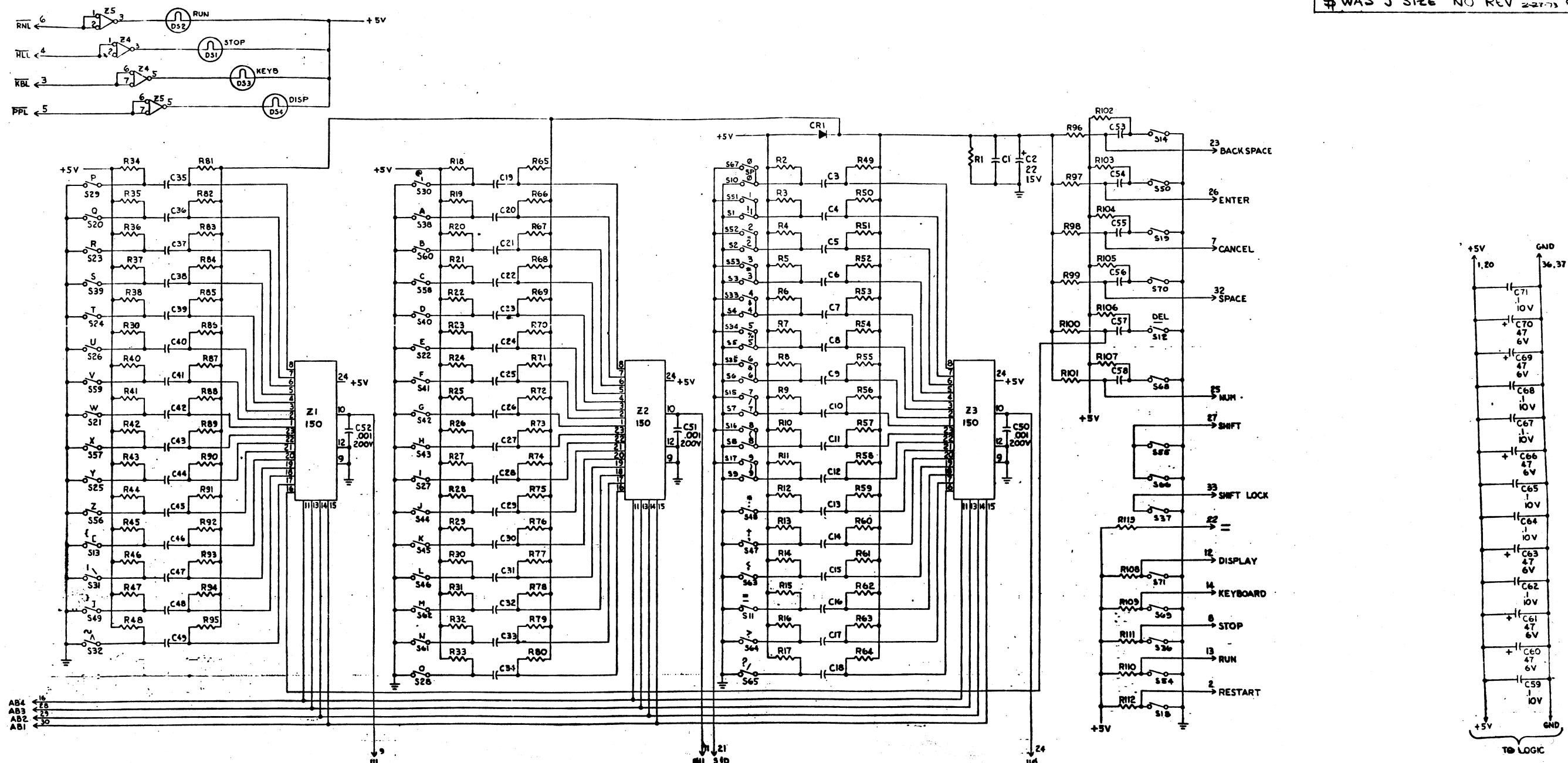
C101 PART NO.	NOMENCLATURE	VENOR PART NO.	VENDOR NAME	REF DES	ITEM	PARTS LIST	
						QTY	2200 USED ON
L4	R2, 4, 6 37, 38, 96 69, 71, 110 112, 88, 89						
Z6							
Q41							
CR40							
C57	C3, 17, 30 39, 39, 43						
R113							
LAST USED							
NOT USED							
TYPE	GND	75V					
REF DESIG							



5725 DATAPORT DR.
SAN ANTONIO, TEXAS
78221
512-696 4820

SCHEMATIC DIAGRAM, A7
DEFLECTION AMPLIFIER

SIZE D DWG NO 03-1-01-0012 REV
SCALE 1:1 SHEET 1/1



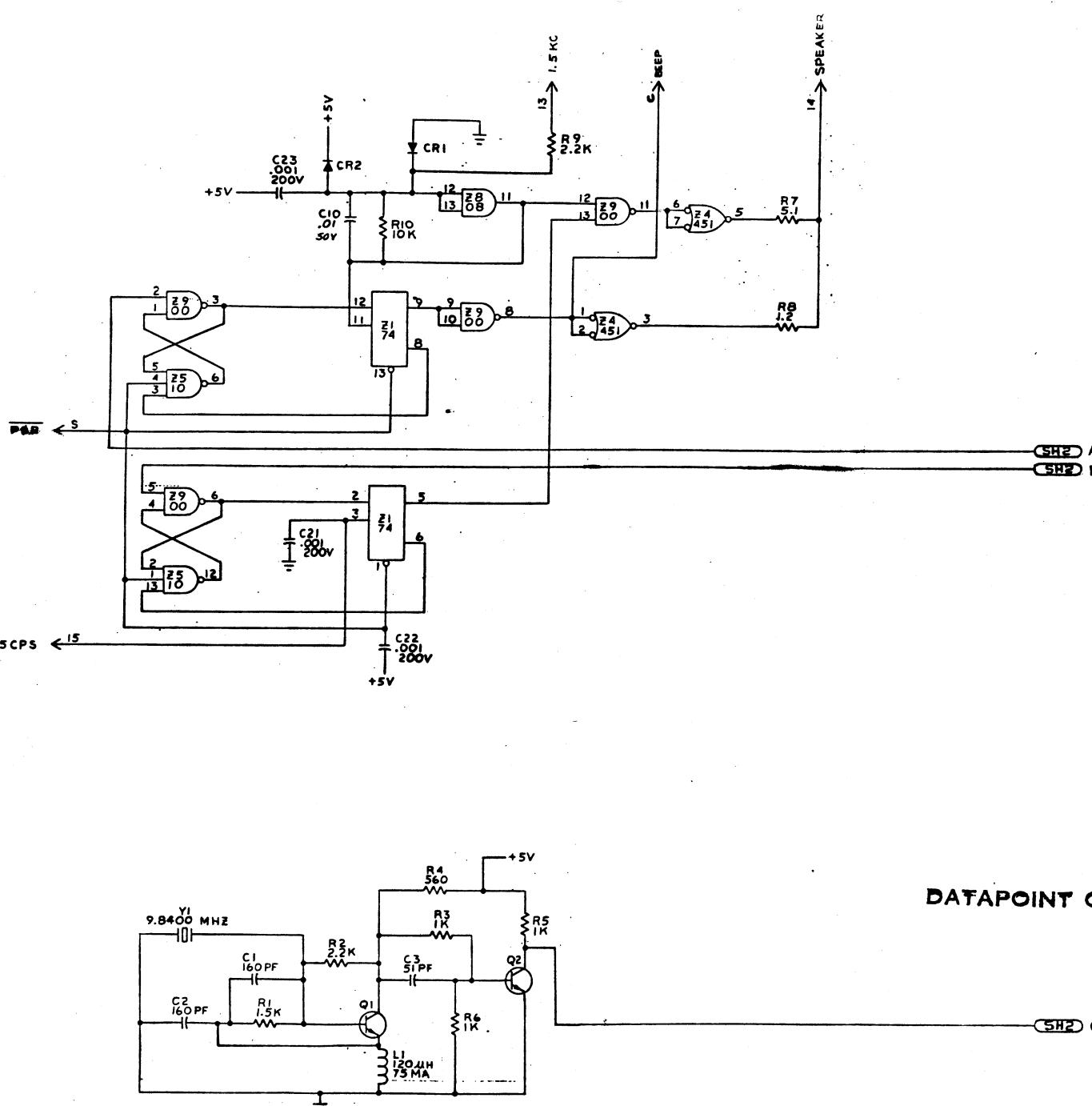
8. I.C.'S ARE 75451P.
 7. CAPACITORS ARE .1UF, -10V
 6. ALL DIODES ARE IN91A.
 5. CAPACITANCE VALUES IN MICROFARADS, +80 -20%.
 4. RESISTOR VALUES ARE IN OHMS, ±5%, 1/4W.
 R1 THRU R48 & K102 THRU R107 ARE 1K. R49 THRU R101
 & R108 THRU R112 ARE 9.7K. R113 IS 2.2K.
 3. LOGIC SYMBOLS PER USA-STD-Y32.14, ELECTRONIC
 SYMBOLS PER USA-STD-Y32.2-67.
 2. NUMBERS SHOWN BELOW REFERENCE DESIGNATIONS WITHIN
 LOGIC SYMBOLS ARE SEGMENTS OF VENDOR PART NUMBER
 DESCRIBED IN PARTS LIST.
 1. PARTIAL REFERENCE DESIGNATIONS ARE SHOWN, FOR
 COMPLETE DESIGNATION PREFIX WITH UNIT AND / OR
 ASSEMBLY DESIGNATION A6.
NOTES: (UNLESS OTHERWISE SPECIFIED)

DATAPOINT CONFIDENTIAL INFORMATION

S71	
CRI	
25	
C71	
R1/3	
LAST USED	NOT USED
REF DES	

Z4, Z5	4	8
Z1, Z2, Z3	12	24
REF DES	GND	+5V

SCHEMATIC DIAGRAM
KEYBOARD



DATAPPOINT CONFIDENTIAL INFORMATION

E3	2,3	1
Z NO	INPUT	OUTPUT
SPARES		

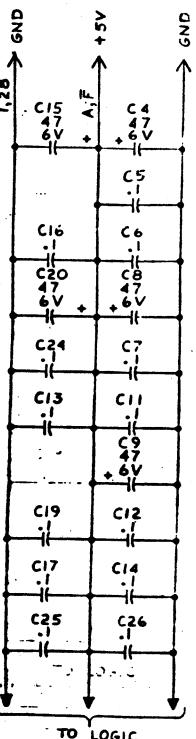
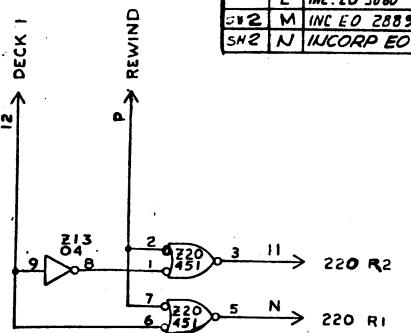
74154	12	24
7493	10	5
90	10	5
74	7	14
10	7	14
08	7	14
07	7	14
C4	7	14
02	7	14
7400	7	14
75451P	4	8
TYPE		
I.C. NO.	GND	+5

QTY	CTC PART NO.	NOMENCLATURE	VENDOR PART NO.	VENDOR	REF DES	ITEM
		PARTS LIST				
USED ON	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AND INCLUDE APPLIED FINISH.		DRAWN BY <i>John P. Smith</i>	DATE 2-12-72	Computer Terminal Corporation  3725 DATAPoint DR. SAN ANTONIO, TEXAS 78229 512-688-4520	
	TOLERANCES		CHECKED BY <i>John P. Smith</i>	DATE 4-2-73		
	FRACTIONS ±	ANGLES ±				
	DECIMALS	X = ± JX = ± JOX = ±	DESIGN ENGINEER <i>G. J. Cebell</i>	DATE 4-9-73		
NEXT ASSY	MATERIAL:		PROJECT ENGINEER	DATE	SCHEMATIC DIAGRAM I DECODER A4	
DASH	<i>D. R. Morris</i>		R	SIZE D	DWG NO. 03-1-C.-0017	REV N
	SCALE NONE			SHEET 1	OF 2	

7 TRANSISTORS ARE 2N2369A
6 DIODES ARE IN 914
5 CAPACITANCE VALUES ARE IN MICROFARADS
4 RESISTORS VALUES ARE IN OHMS, 5% 1W
3 LOGIC SYMBOLS PER USA-STD-Y32.14, ELECTRONIC SYMBOLS PER USA-STD Y32.1-6
2 NUMBERS SHOWN WITHIN LOGIC SYMBOLS ARE SEGMENTS OF VENDOR PART NUMBERS
1 PARTIAL REFERENCE DESIGNATIONS ARE SHOWN, FOR COMPLETE
DESIGNATION PREFIX WITH UNIT AND/OR ASSEMBLY DESIGNATION

NOTES: (UNLESS OTHERWISE SPECIFIED)

REVISIONS		DATE	APPR'D BY D.
DESCRIPTION			
PLACES REV F WITH CHG. SEE FC 26 & 3028 ADDED C24, C25, C26		6-17-71 6-21-71	APPROVED JKD
DED OTGATE (Z15) BETWEEN ZT-27 & COUN PINNE - Z64 CLOCK. SEE PROD. # 2914, 2916 LOUIS		7-26-71 7-22-71	APPROVED JKD
CORP EO. 2918 K KNOWLES 4-27-71		4-17-71 4-21-71	APPROVED JKD
EO 3505 \$ 3500 M. VICKERS 4-26-72		4-27-72	APPROVED JKD
EO 3860 G. SMITH 9-11-72		1-12-73	APPROVED JKD
EO 2889 4-20-72 5-1-73 12-9-73		12-9-73	APPROVED JKD
CORP EO 4407 MVICKERS 4/10/73		4/10/73	APPROVED JKD



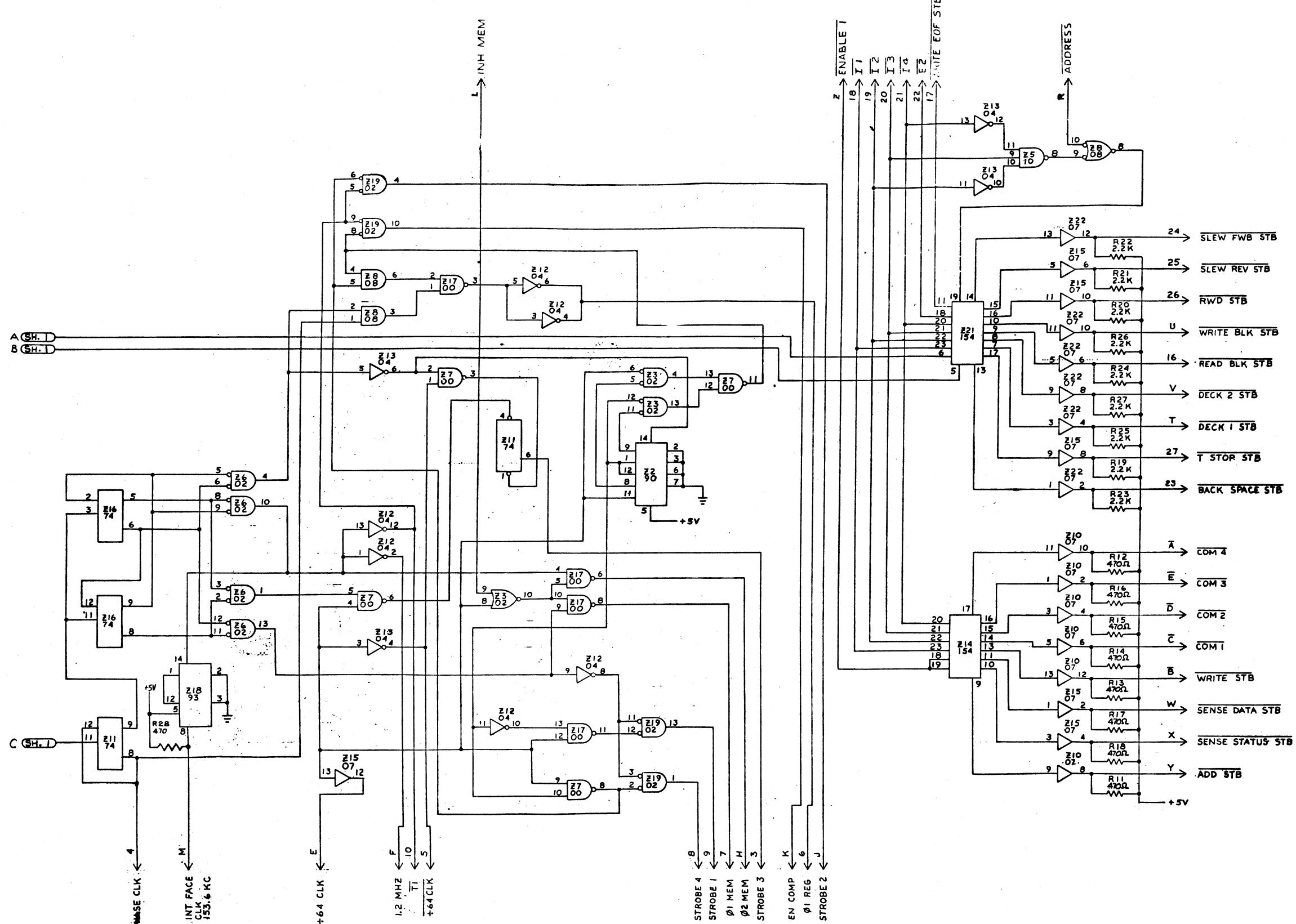
8 7 6 5 4 3 2 1

D

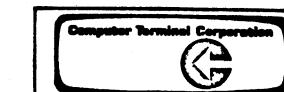
C

B

A

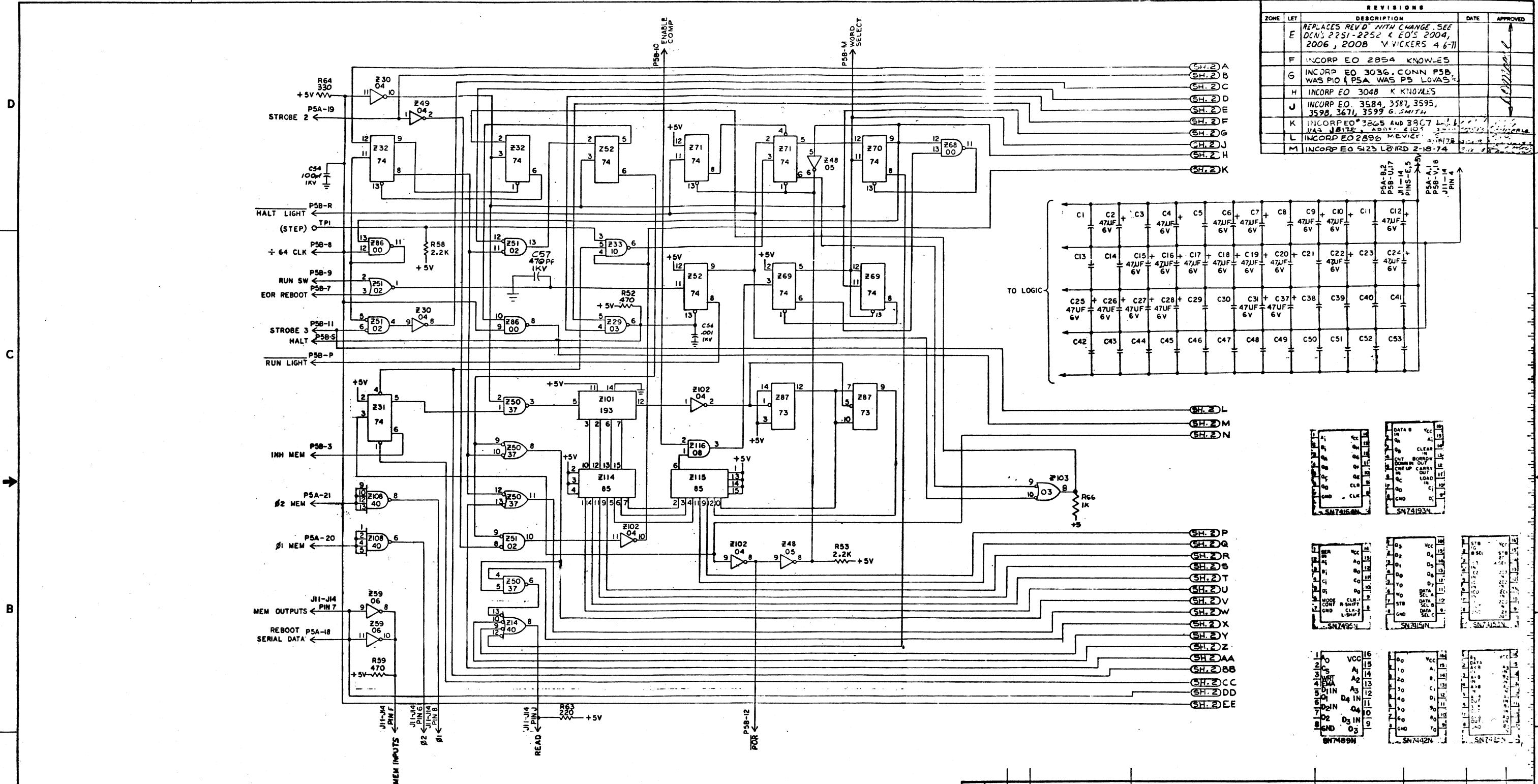


DATAPOINT CONFIDENTIAL INFORMATION



8725 DATAPOINT DR.
SAN ANTONIO, TEXAS
78220
512-930-0200

SIZE D DWG NO. 03-1-01-0017 REV N
SCALE NONE SHEET 2 OF 2



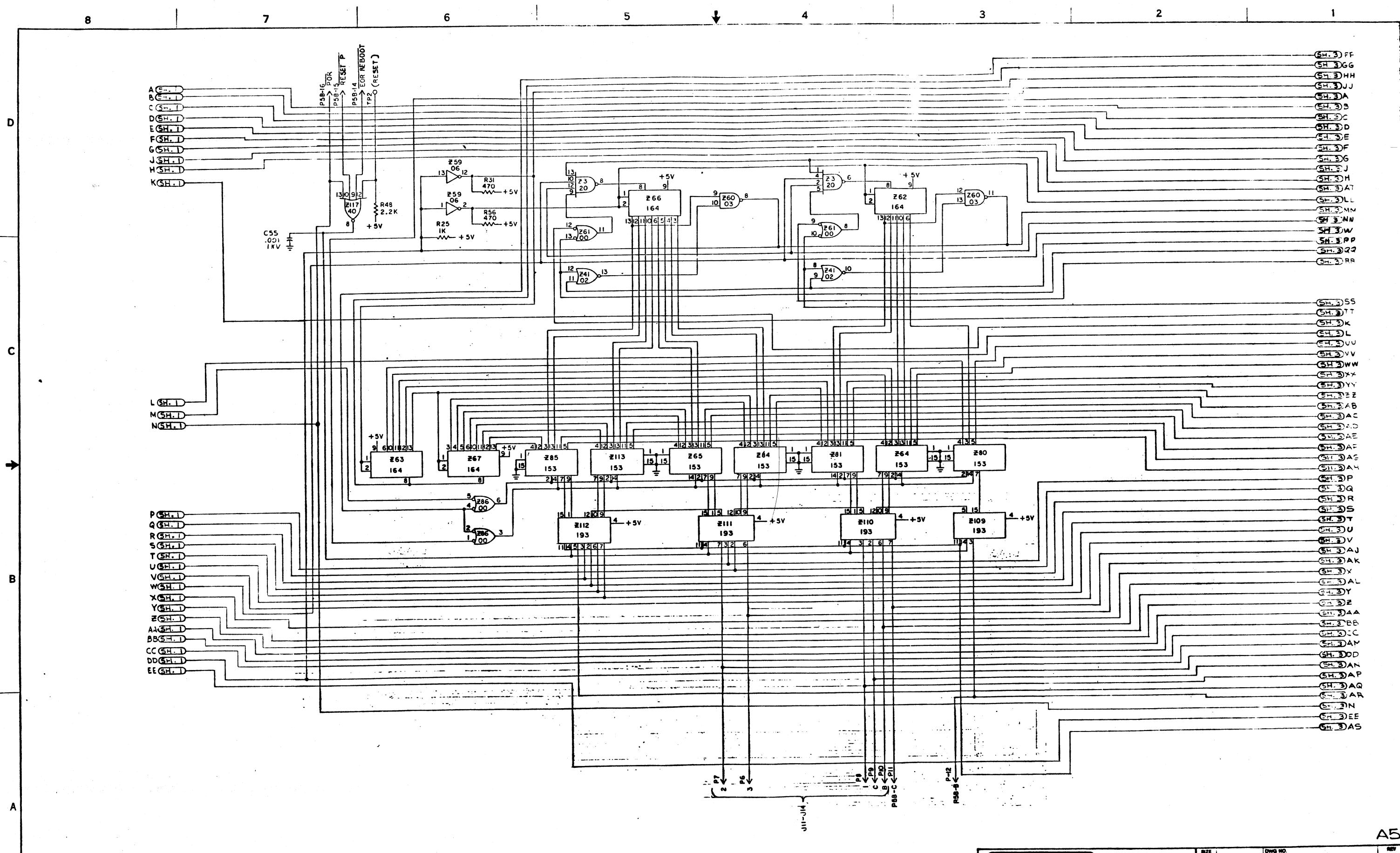
DATAPOINT CONFIDENTIAL INFORMATION

5. CAPACITORS ARE .1 UF @ 10V
4. RESISTOR VALUES ARE IN OHMS, $\pm 5\%$, 1/4W
3. LOGIC SYMBOLS PER USA-STD-Y32.14, ELECTRONICS SYMBOLS PER USA-STD Y32.2-67.
2. NUMBERS SHOWN BELOW REFERENCE DESIGNATIONS WITHIN LOGIC SYMBOLS ARE SEGMENTS OF VENDOR PART NUMBERS DESCRIBED IN PARTS LIST.
1. PARTIAL REFERENCE DESIGNATIONS ARE SHOWN, FOR COMPLETE DESIGNATION PREFIX WITH UNIT AND / OR ASSEMBLY DESIGNATION

NOTES: (UNLESS OTHERWISE SPECIFIED)

					78	64	3	4	
	103	03	4,5	6	74	23	2,3	11	
	99	04	1	2	60	33	4,5	6	
	99	04	11	10	60	33	1,2	3	
	95	10	1,3,13	2	4,5	30	2,3	30	
	95	10	9,11	8	57	30	2,3	27	
	116	08	12,13	11	83	54	4,5	6	
	106	74	2,3	1,4,5,6	83	04	1	2	
	105	06	3	4	62	04	13	12	
	104	06	5	6	78	06	9	8	
	104	06	3	4	78	04	5	6	
E.NO.	TYPE	INPUT	OUTPUT	E.NO.	TYPE	INPUT	OUTPUT	E.NO.	TYPE
	SPARES				SPARES				SPARES

R66	19 26-29 31, 32 33, 35
CS7	
E77	
LAST USE:	NOT USED
REF DES	



8

1

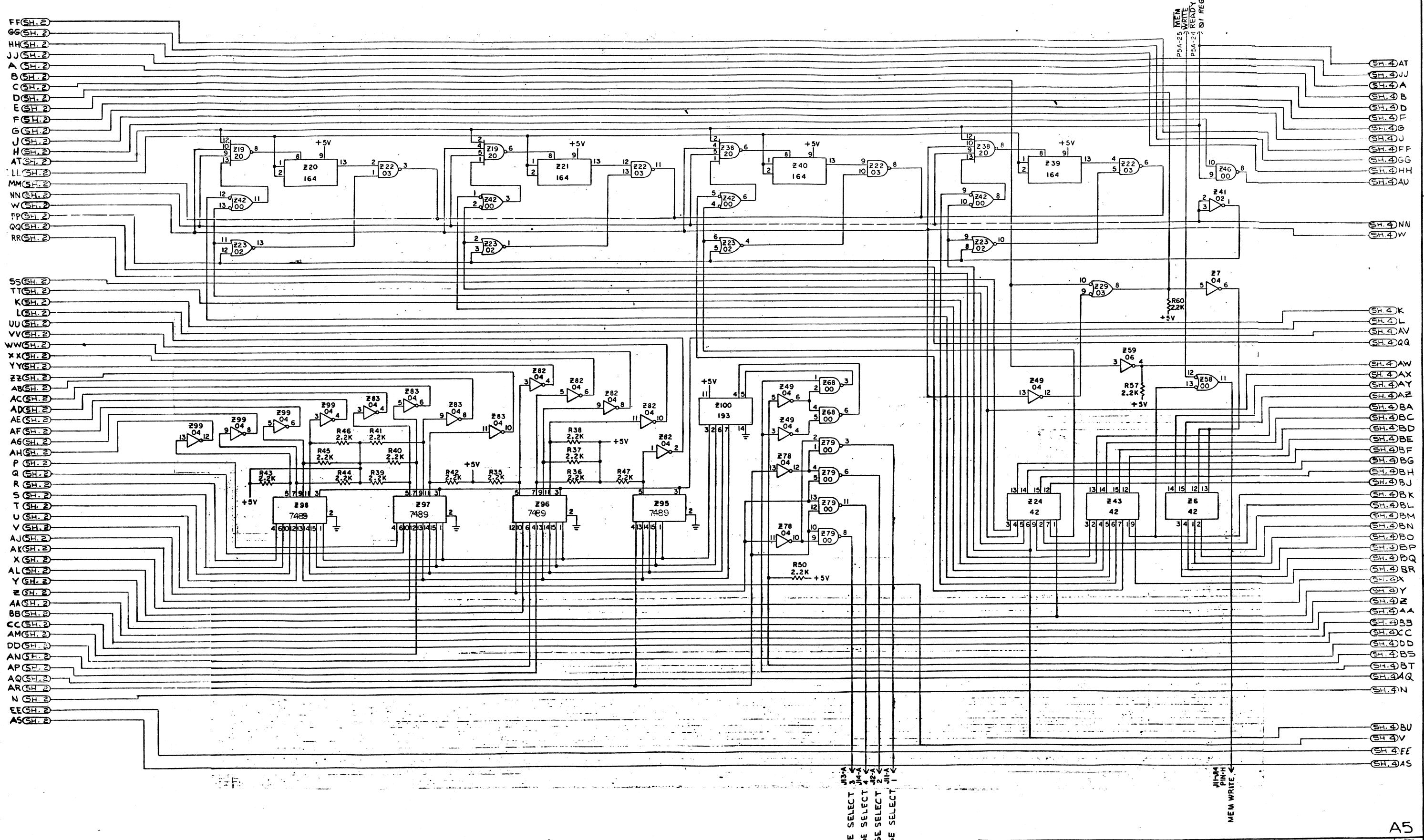
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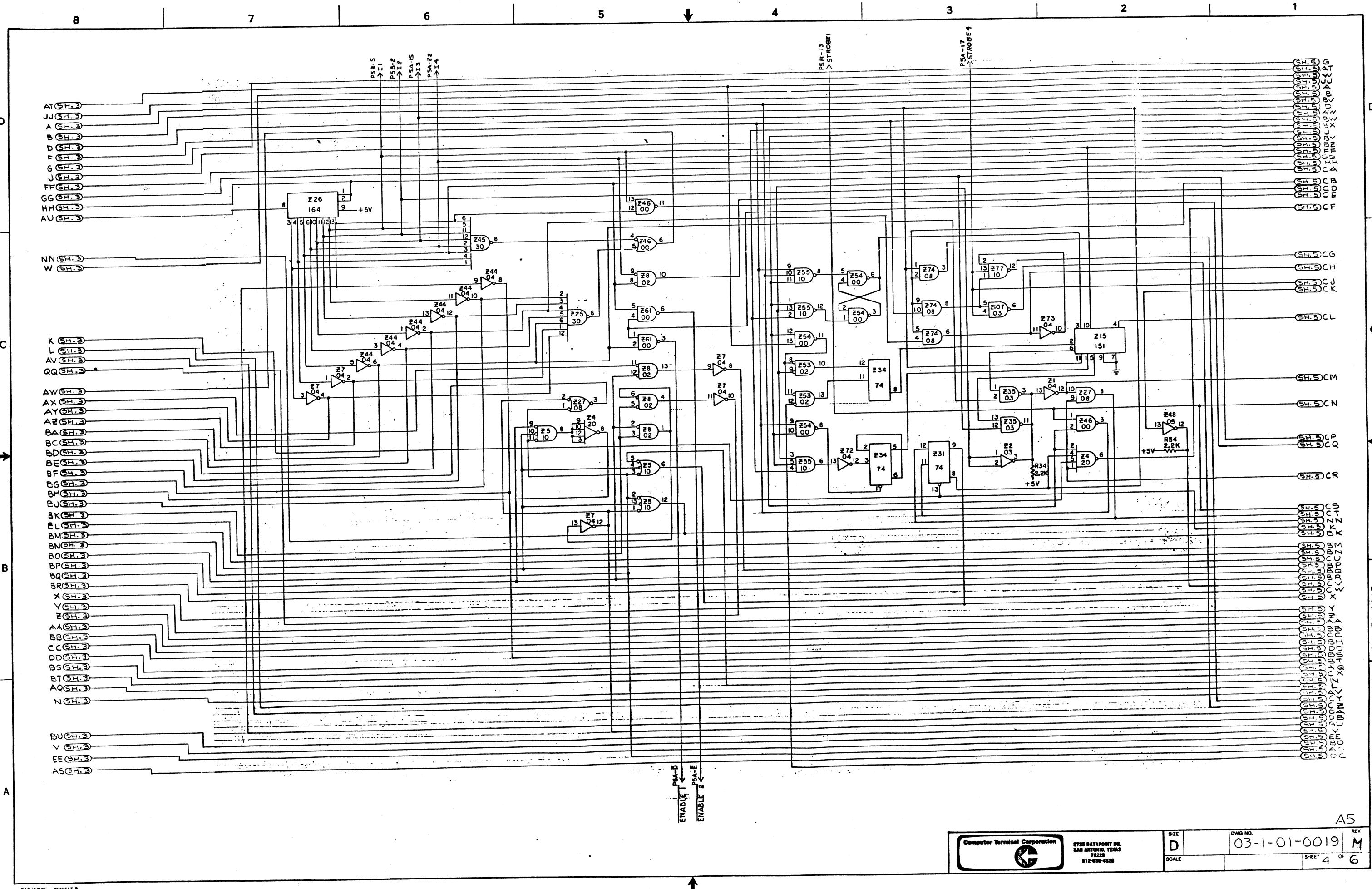
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3

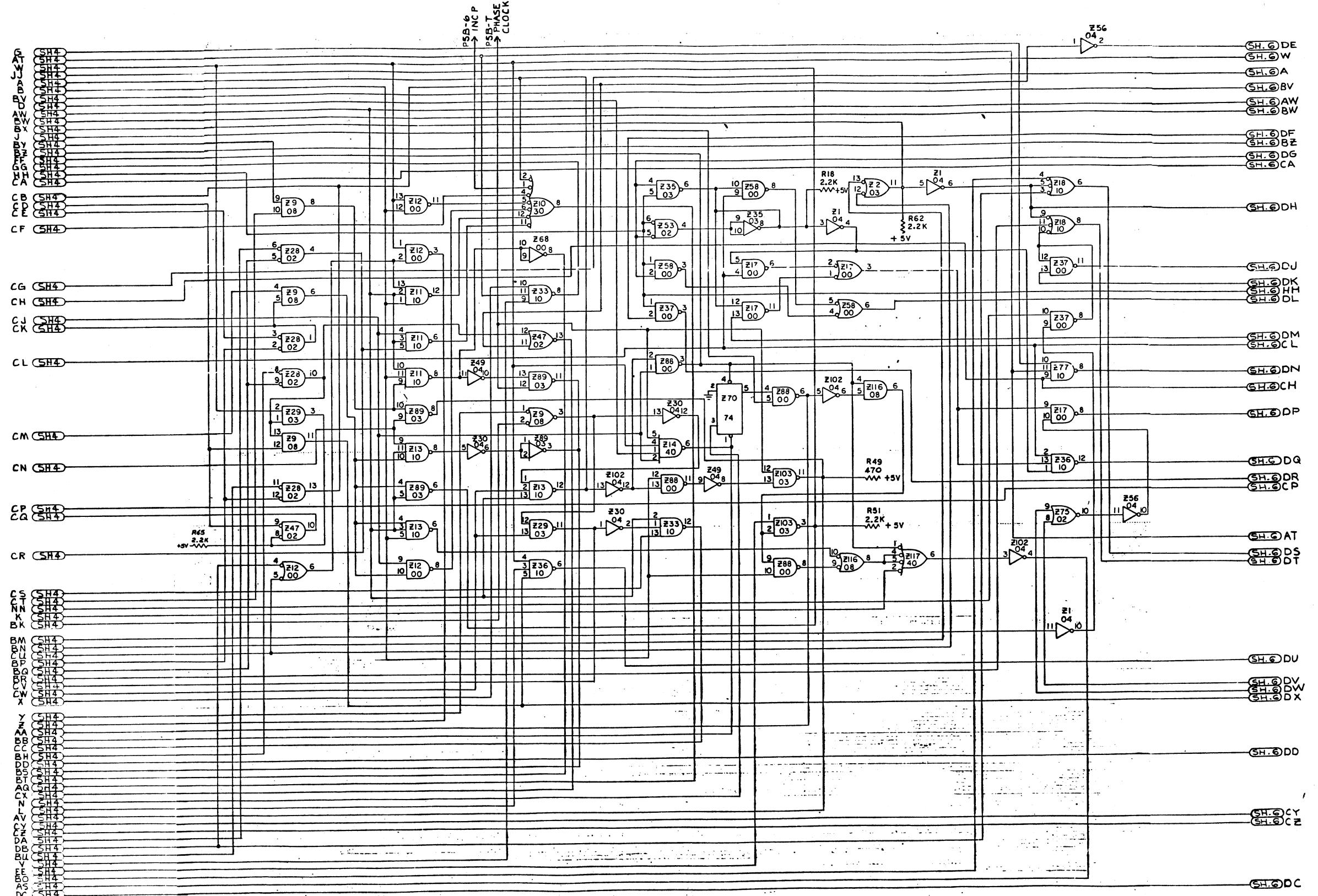
2

1





8 | 7 | 6 | 5 | **4** | 3 | 2 | 1



D

D

C

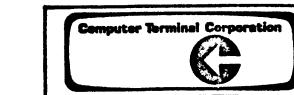
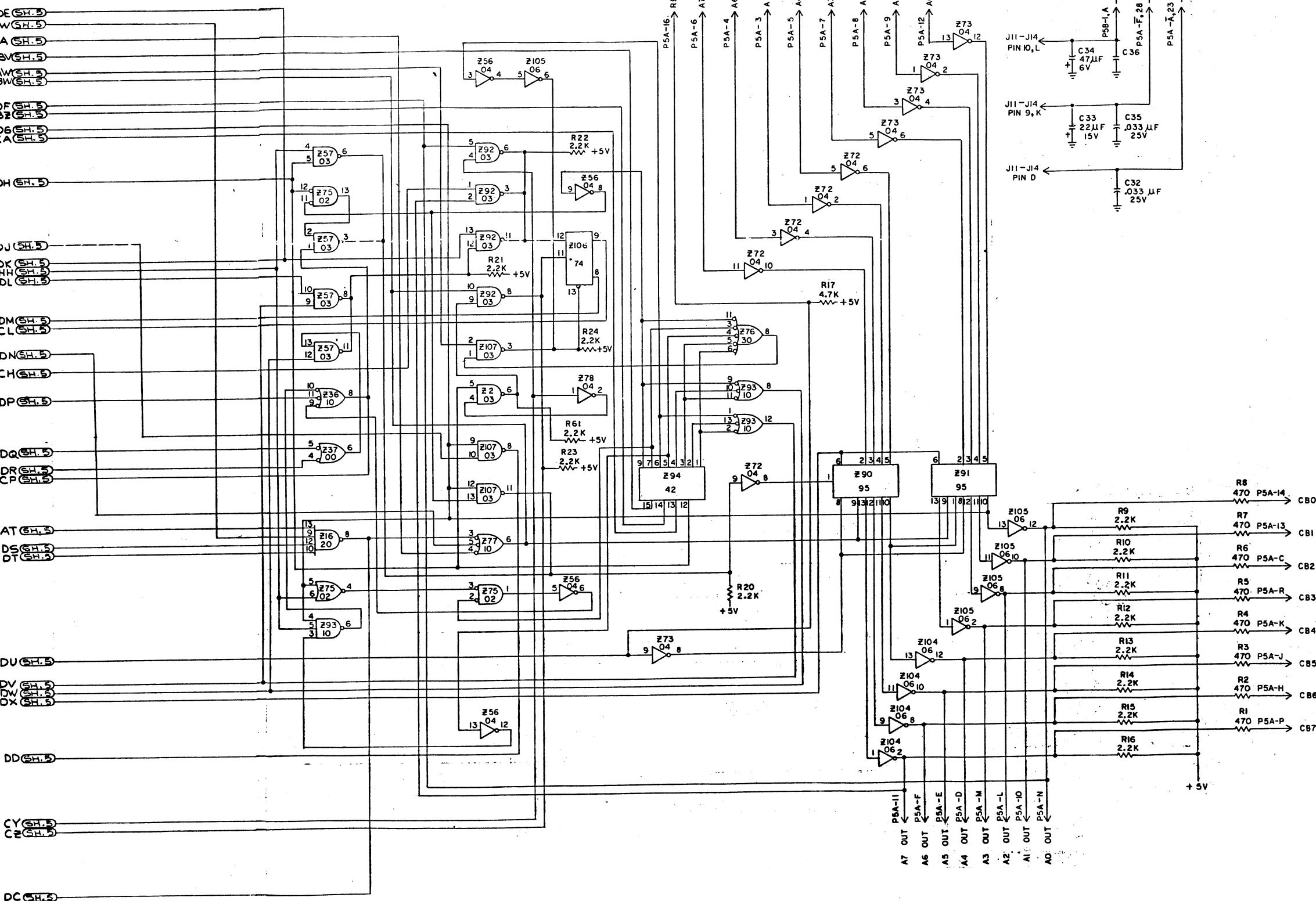
C

B

B

A

A



0725 DATAPORT RD.
SAN ANTONIO, TEXAS
78229
612-636-4328

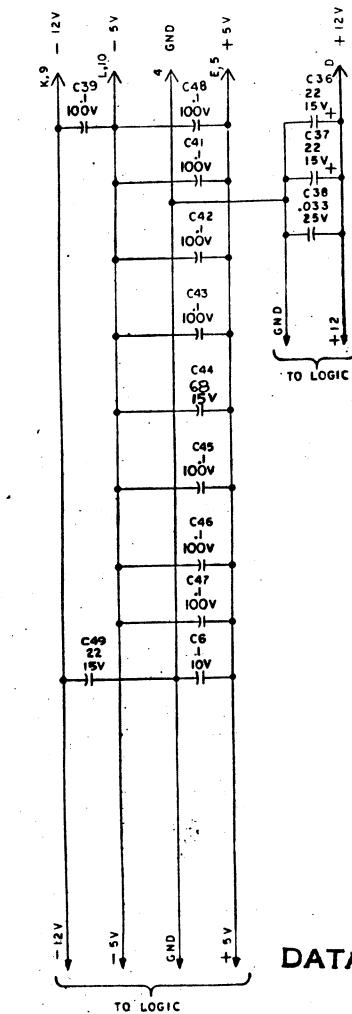
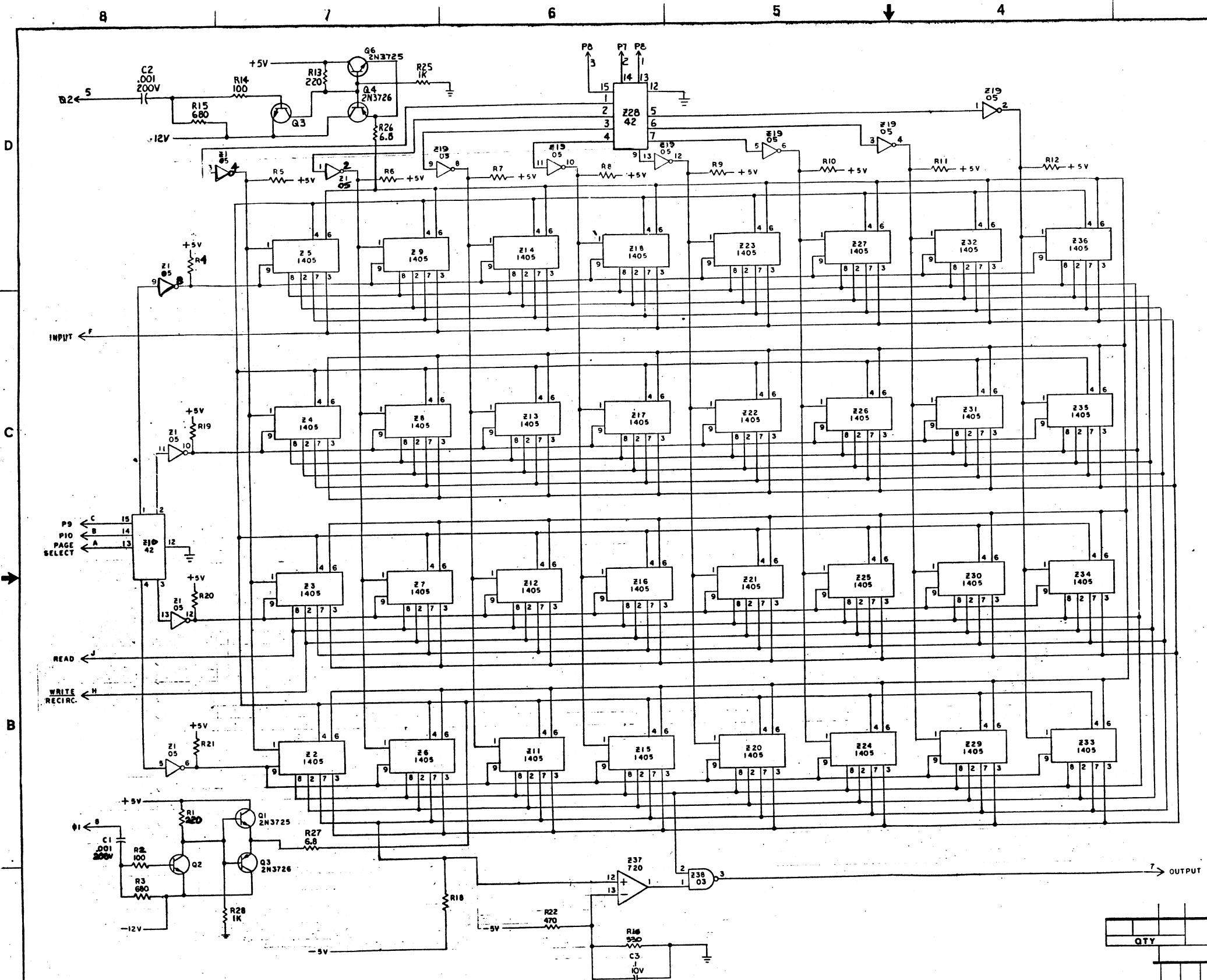
SIZE
D

DWG NO.
03-1-01-0019 M

A5

REV

6



DATAPOINT CONFIDENTIAL INFORMATION

6. ALL TRANSISTORS ARE 2N 2219

ALL CAPACITANCE VALUES ARE IN MICROFARADS

5. ALL CAPACITANCE VALUES ARE IN MICROFARADS.
6. ALL RESISTOR VALUES ARE IN OHMS. 2.2K, \pm 5%, 1/4 W

3. LOGIC SYMBOLS PER MIL-STD-806, ELECTRONIC SYMBOLS

PER USA-STD-Y32.2-67
2 NUMBERS SHOWN BELOW REFERENCE DESIGNATION WITHIN

2. NUMBERS SHOWN BELOW REFERENCE DESIGNATION WITHIN LOGIC SYMBOLS ARE SEGMENTS OF VENDOR PART NUMBERS

DESCRIBED IN PARTS LIST.
PARTIAL REFERENCE DESIGNATIONS ARE SHOWN FOR

I. PARTIAL REFERENCE DESIGNATIONS ARE SHOWN FOR COMPLETE DESIGNATION PREFIX WITH UNIT AND/ OR

ASSEMBLY DESIGNATION, AII - A14.

NOTES: (UNLESS OTHERWISE SPECIFIED)

Z38	03	4,5	6
Z38	03	9,10	8
Z38	03	12,13	11
Z37	720	5,6	8
REF DES	TYPE	INPUT	OUTPUT
SPARES			

Q6	
Z38	C4,5,7
C49	35,40
R28	R17
LAST USED	NOT USED
	REF DES

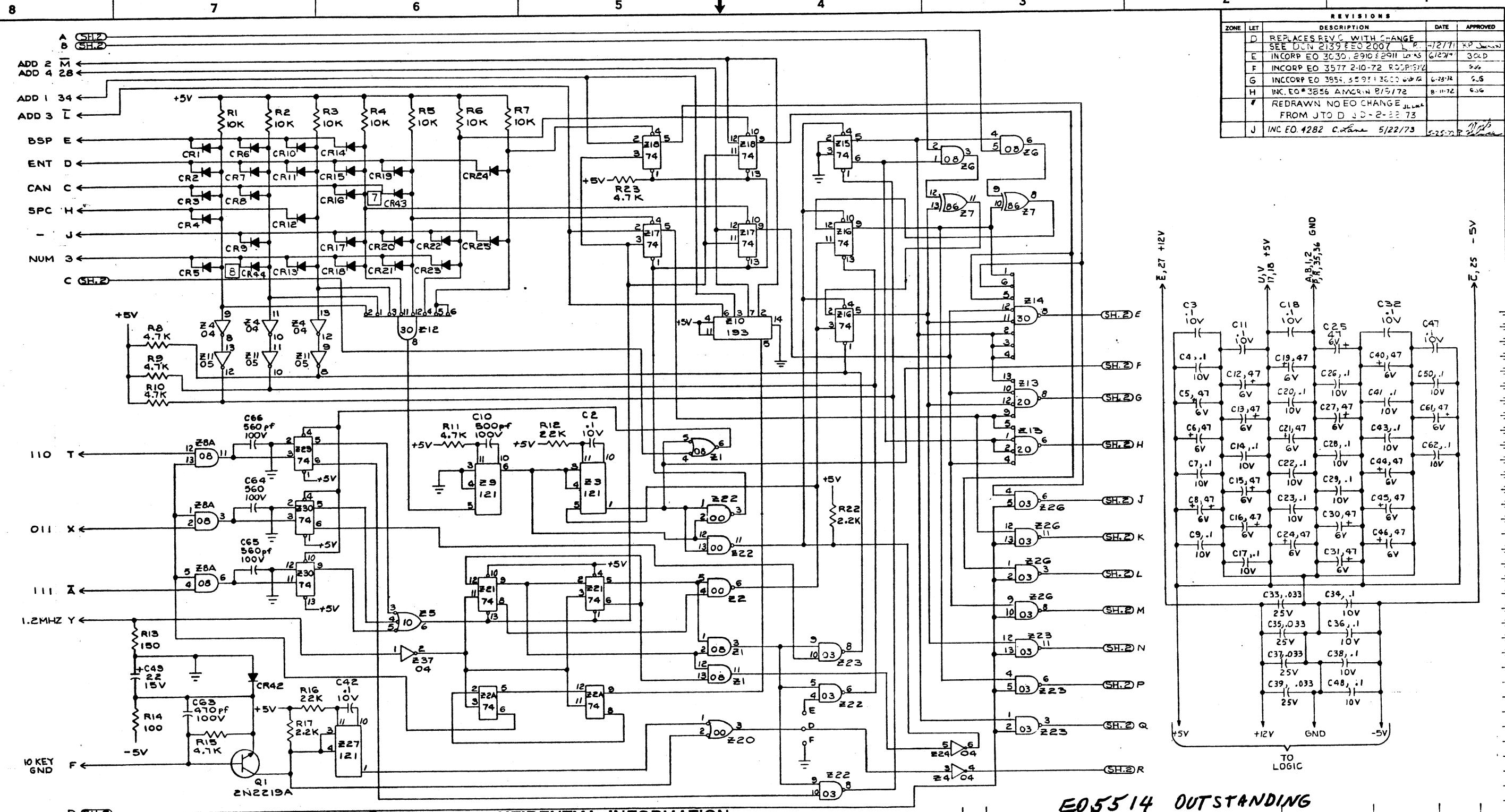
1405	NONE	5	10	
42	8	16		
720	11		14	3
03	7	14		
TYPE	GND	+5V	-5V	+12V

NOTES: (UNLESS OTHERWISE SPECIFIED)

SCHEMATIC DIAGRAM MEMORY

5725 DATAPORT DR.
SAN ANTONIO, TEXAS
78228
512-996-4520

5725 DATAPORT DR.
SAN ANTONIO, TEXAS
78228
512-996-4520



DATAPPOINT CONFIDENTIAL INFORMATION

- 8. USED ON 03-1-03-0021-803, -804, 806, 809
 - 7. USED ON 03-1-03-0021-803, 805, 807, 809 ONLY
 - 6. ALL DIODES ARE IN914
 - 5. ALL CAPACITANCE VALUES ARE IN MICROFARADS.
 - 4. ALL RESISTOR VALUES ARE IN OHMS, 1/4W, 5%
 - 3. LOGIC SYMBOLS PER USA-STD-Y32.14, ELECTRONIC SYMBOLS PER USA-STD-Y32.2-6T.
 - 2. NUMBERS SHOWN BELOW REFERENCE DESIGNATION WITHIN LOGIC SYMBOLS ARE SEGMENTS OF VENDOR PART NUMBERS DESCRIBED IN PARTS LIST.
 - 1. PARTIAL REFERENCE DESIGNATION ARE SHOWN; FOR COMPLETE DESIGNATION PREFIX WITH UNIT AND/OR ASSEMBLY DESIGNATION.
- NOTES: (UNLESS OTHERWISE SPECIFIED)

Z19	03	1,2	3
Z19	03	9,10	5
Z19	03	12,13	11
REF DES	TYPE	INPUT	OUTPUT
SPARES	IC	GND	+5V

193	8	16
121	7	14
86	7	14
74	7	14
30	7	14
20	7	14
10	7	14
08	7	14
05	7	14
04	7	14
03	7	14
00	7	14
TYPE	INPUT	OUTPUT
IC	GND	+5V
REF DES	SPARES	

Z37	Q2	
CR44		
C77	C1	
R56		
LAST USED	NOT USED	
REF DES		

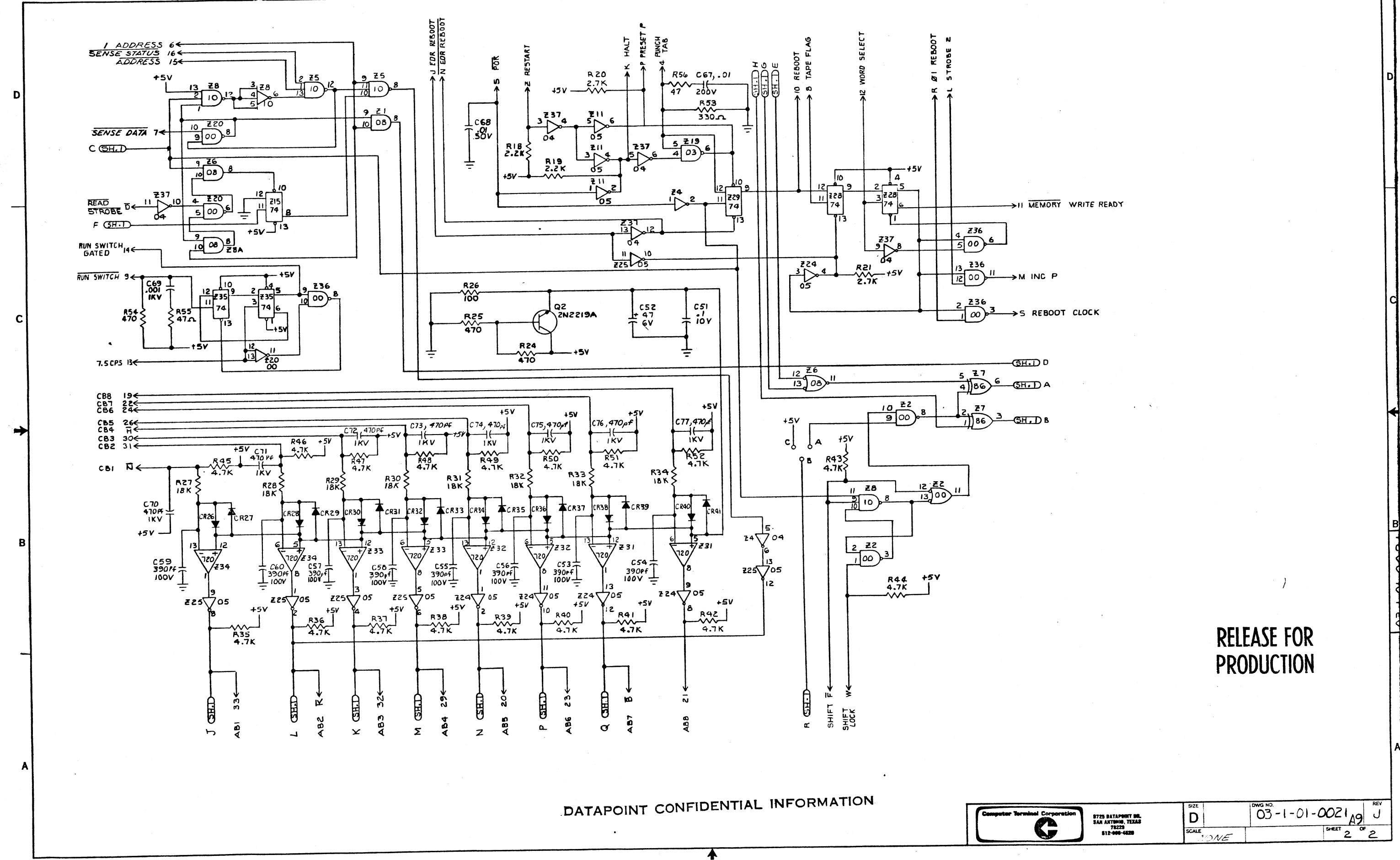
QTY	CTC PART NO.		NOMENCLATURE	VENDOR PART NO.	VENDOR	REF DES	ITEM
	0	0					
1	0	0	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AND INCLUDE APPLIED FINISH.	DRAWN	12-10		
2	0	0	TOLERANCES	CHECKED	1/26/73		
0	0	0	FRACTIONS \pm ANGLES \pm	DESIGN ENGINEER			
0	0	0	DECIMALS \pm ANGLES \pm	PROJECT ENGINEER			
0	0	0	X \pm JX \pm XXX \pm	DATE			
0	0	0	MATERIAL:	DATE			
0	0	0	03-1-03-0021	DATE			
0	0	0	NET EASY	DATE			
0	0	0	DASH	DATE			

Computer Terminal Corporation
8725 DATAPPOINT DR.
SAN ANTONIO, TEXAS
78229
512-658-4520

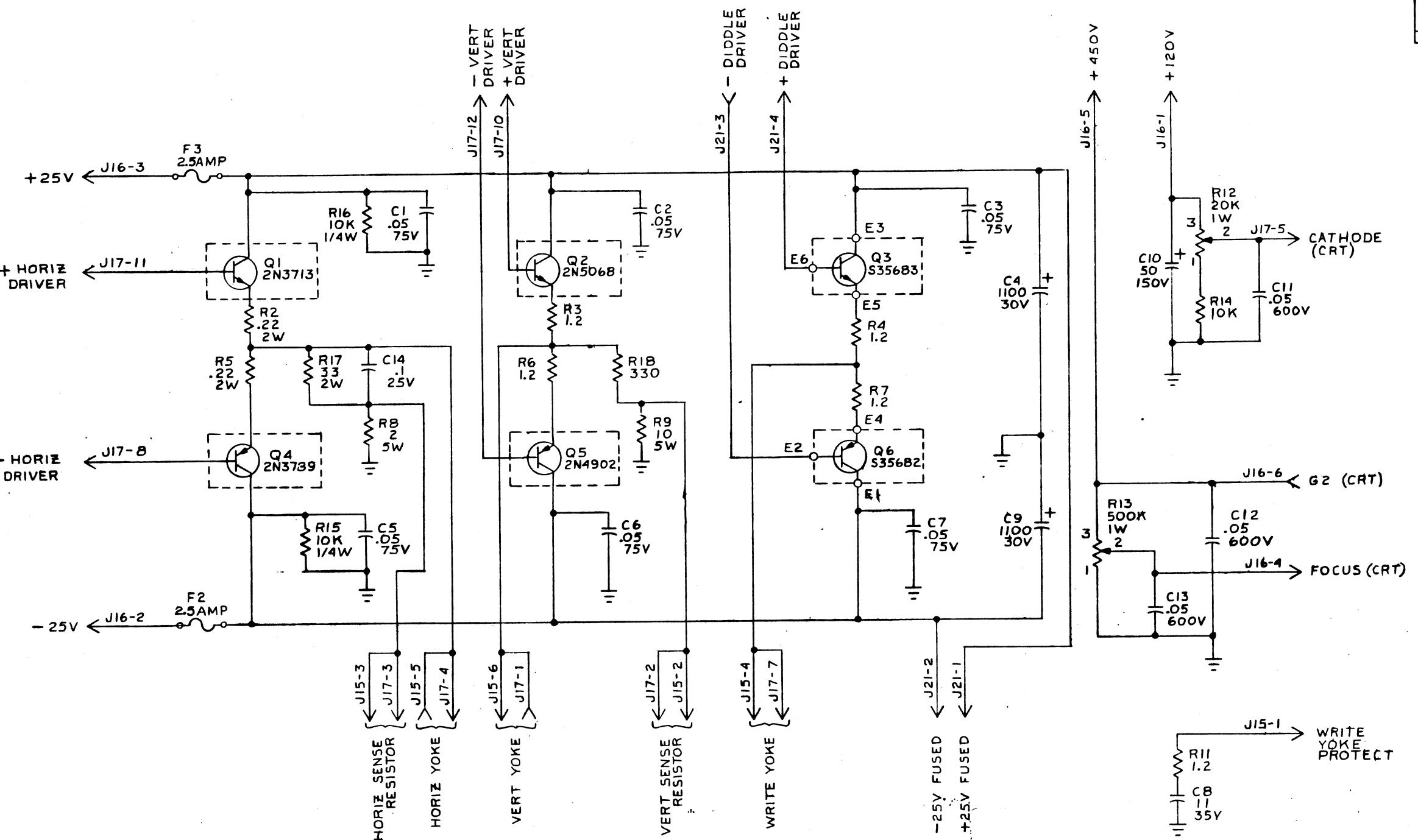
SCHEMATIC DIAGRAM,
KEYBOARD LOGIC A9

DWG NO. 03-1-01-0021 REV. J

SHEET 1 OF 2



REVISIONS			
ZONE	LET	DESCRIPTION	DATE APPROVED
	E	REPLACES REV D WITH CHANGES SEE DCN 2139	4-7-71 JFA
	F	INCORP EO 4327	4-2-71 K.P. Johnson



DATAPPOINT CONFIDENTIAL INFORMATION

6. COMPONENTS SHOWN INSIDE DOTTED LINE
MOUNTED ON ASSY 03-1-09-0006 (HEAT SINK)

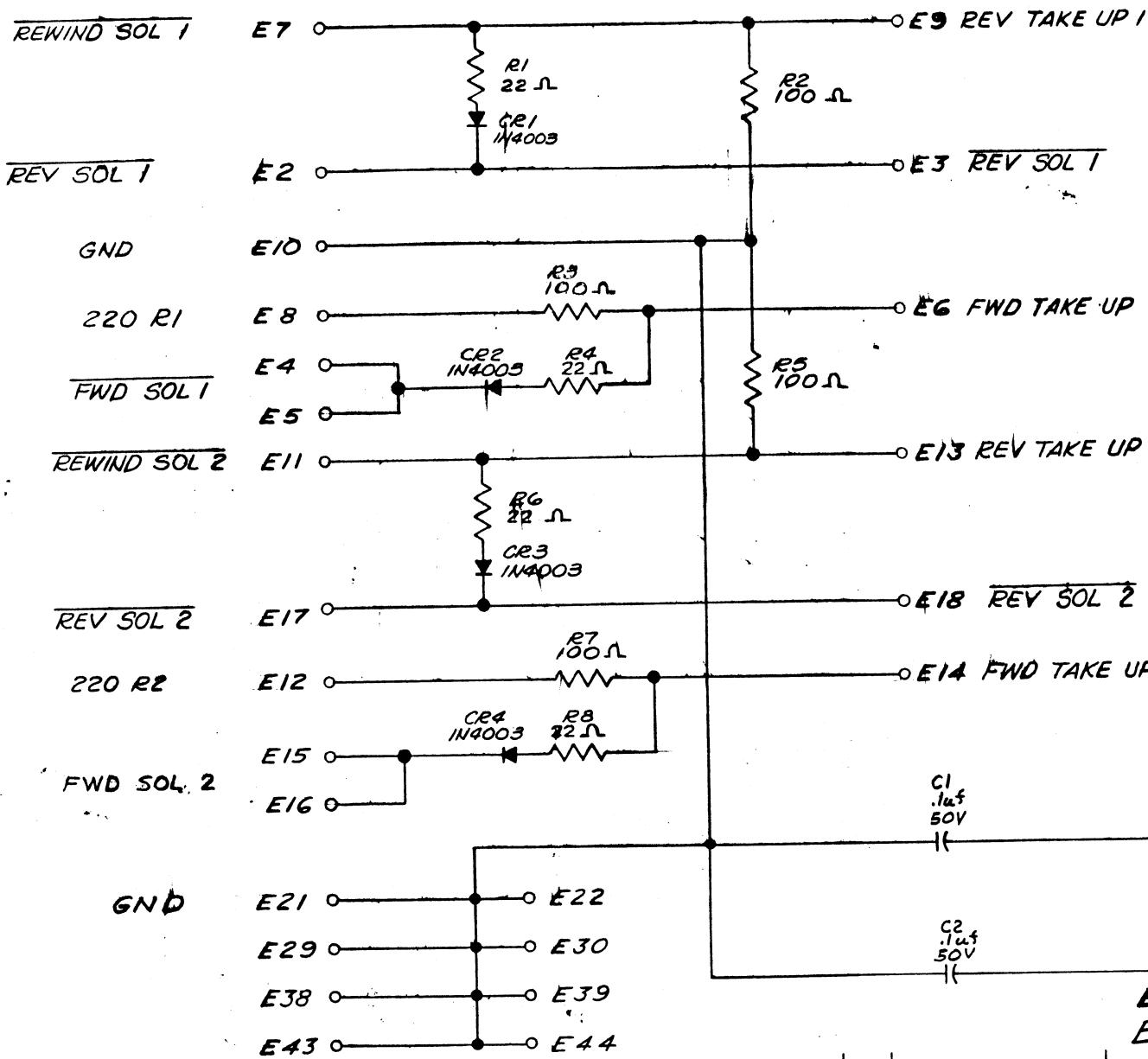
5. ALL CAPACITANCE VALUES ARE IN MICROFARADS $\pm 5\%$ $\pm 1/2\%$
4. ALL RESISTOR VALUES ARE IN OHMS $\pm 5\%$ $\pm 1/2\%$
3. LOGIC SYMBOLS PER MIL-STD-806, ELECTRONIC SYMBOLS PER USA-STD-Y32.2-67
2. NUMBERS SHOWN BELOW REFERENCE DESIGNATION WITHIN LOGIC SYMBOLS ARE SEGMENTS OF VENDOR PART NUMBERS DESCRIBED IN PARTS LIST
1. PARTIAL REFERENCE DESIGNATIONS ARE SHOWN; -FOR COMPLETE DESIGNATION PREFIX WITH UNIT AND/ OR ASSEMBLY DESIGNATION A15A1

NOTES: (UNLESS OTHERWISE SPECIFIED)

Q6	
F3	F1
R18	R1,10
C14	
LAST USED	NOT USED

QTY	CTC PART NO.	NOMENCLATURE	VENDOR PART NO.	VENDOR	REF DES	ITEM	PARTS LIST		
							USED ON	DRAWN W. LOVAS 3-25-71	DATE 4-2-71
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AND INCLUDE A .005" TOLERANCE									
							TOLERANCES		
							FRACTIONS \pm ANGLES \pm		
							DECIMALS \pm DEGREES \pm		
							X = \pm JX = \pm JOX = \pm		
							Material:		
							DESIGN ENGINEER K.P. Johnson	DATE 4-2-71	
							PROJECT ENGINEER W.J. Chambard	DATE 4-2-71	
							TEST ENGINEER J.W. Sturm	DATE 4-7-71	
							SCALE NONE	DWG NO 03-1-01-0025	REV F

SCHEMATIC DIAGRAM
DEFLECTION HEAT SINK
A15A1



CONFIDENTIAL PROPRIETARY INFORMATION

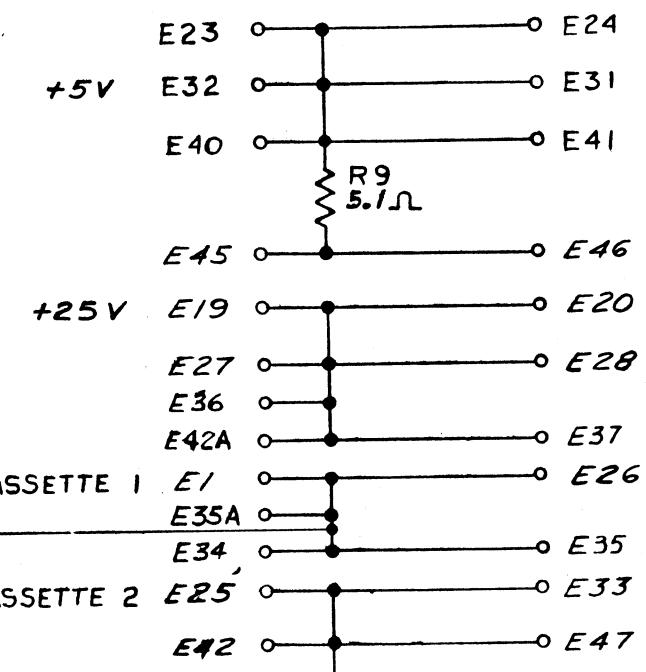
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1. ALL RESISTORS ARE 1/4 W, 5%.

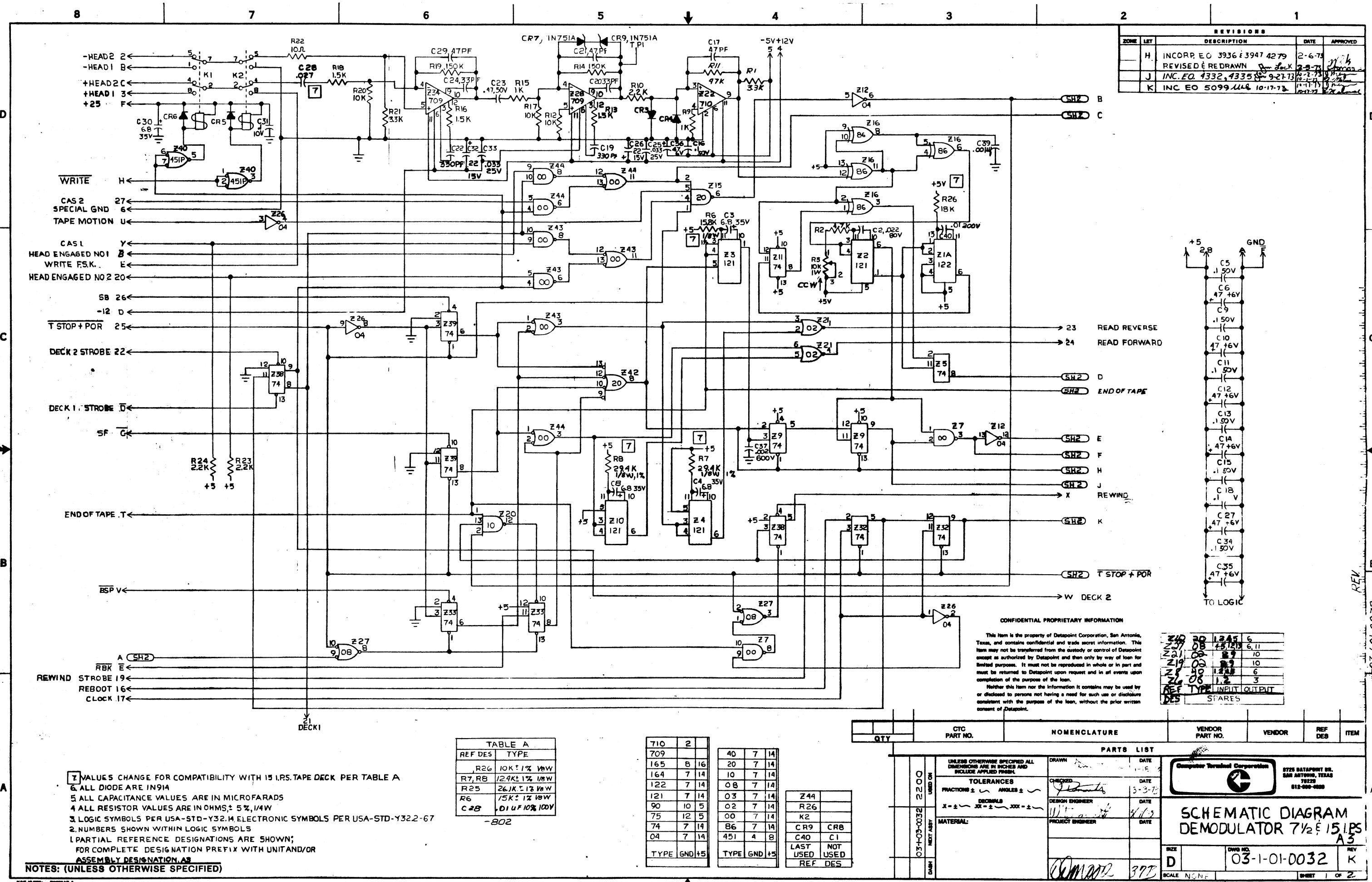
NOTES: (UNLESS OTHERWISE SPECIFIED)

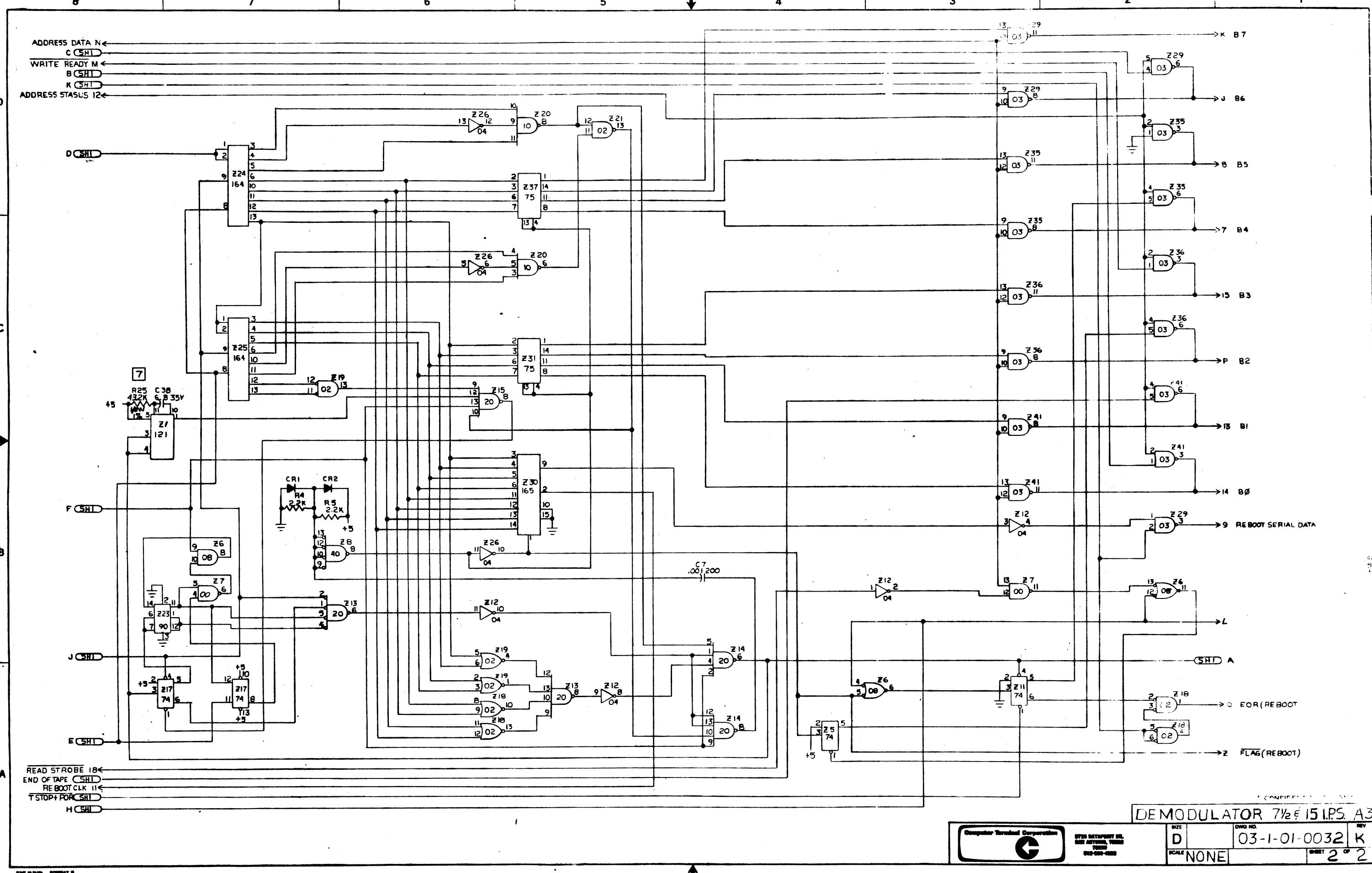
REVISIONS			
ZONE	LET	DESCRIPTION	DATE
	A	REVISED PER DCN 2134 Raymont 3-5-71	3-9-71 3-8-71
	B	REVISED PER DCN 2096 Ray Dillon 4/20/71	4-27-71 4-21-71
	C	REVISED PER EO 2904 W. Lovas 6-3-71	6-17-71 6-16-71
D-3	D	INCORP EO 3502 GRODRIQUEZ	12-23-71 12-23-71
C-3	E	INC EO 3510 K. Knowles 2/10/72	2-10-72 2-10-72
D-3	F	INC EO 3514 H.Smith 9-8-72	9-16-72 9-16-72
	G	INC EO 5082 FdLJ 10/11/73	10-12-73 10-12-73



E05327
E05217 OUTSTANDING

CTC PART NO.	NOMENCLATURE	VENDOR PART NO.	VENDOR	REF DES	ITEM
QTY					
2200	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AND INCLUDE APPLIED FINISH.	DRAWN <i>J.M.Lambert</i>	DATE 12-13-70	PARTS LIST	
05-1-03-003/1	TOLERANCES FRACTIONS \pm ANGLES \pm DECIMALS \pm $X = \pm$ $JX = \pm$ $XXX = \pm$	CHECKED <i>J.M.Lambert</i>	DATE 12-15-70	Computer Terminal Corporation 	8725 BATAPONT DR. SAN ANTONIO, TEXAS 78228 512-899-4520
NEXT ASST	MATERIAL: <i>~</i>	DESIGN ENGINEER <i>J.F.Cleland</i>	DATE 12-15-70		SCHEMATIC DIAGRAM -
DASH		PROJECT ENGINEER <i>J.F.Cleland</i>	DATE 12-15-70		TAPE RESISTOR BOARD
				SIZE C	DWG NO. 03-1-01-0031
				SCALE ~	REV 'G'
				SHEET 1 OF 1	



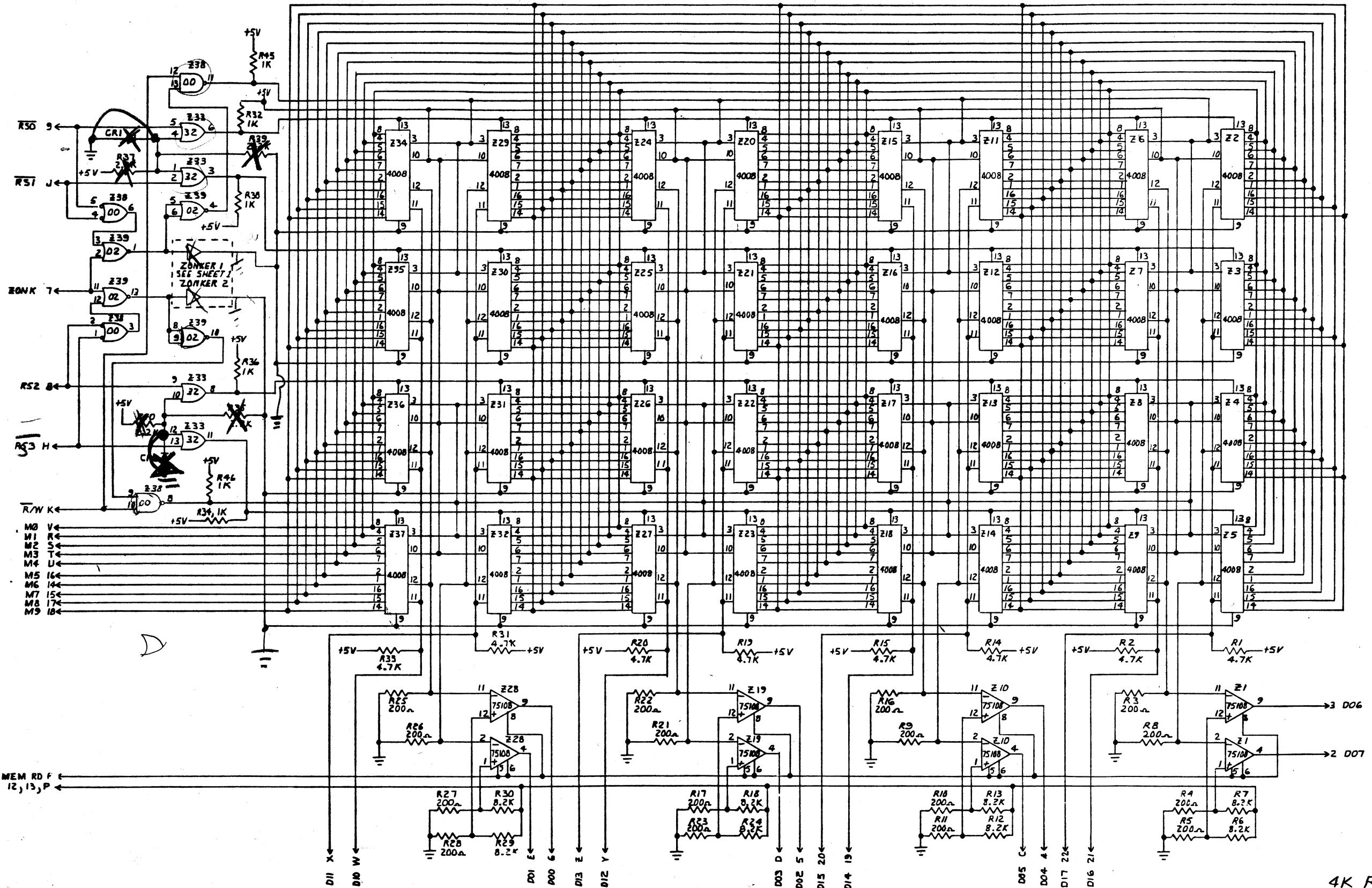


8

7

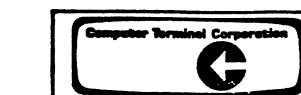
2

1



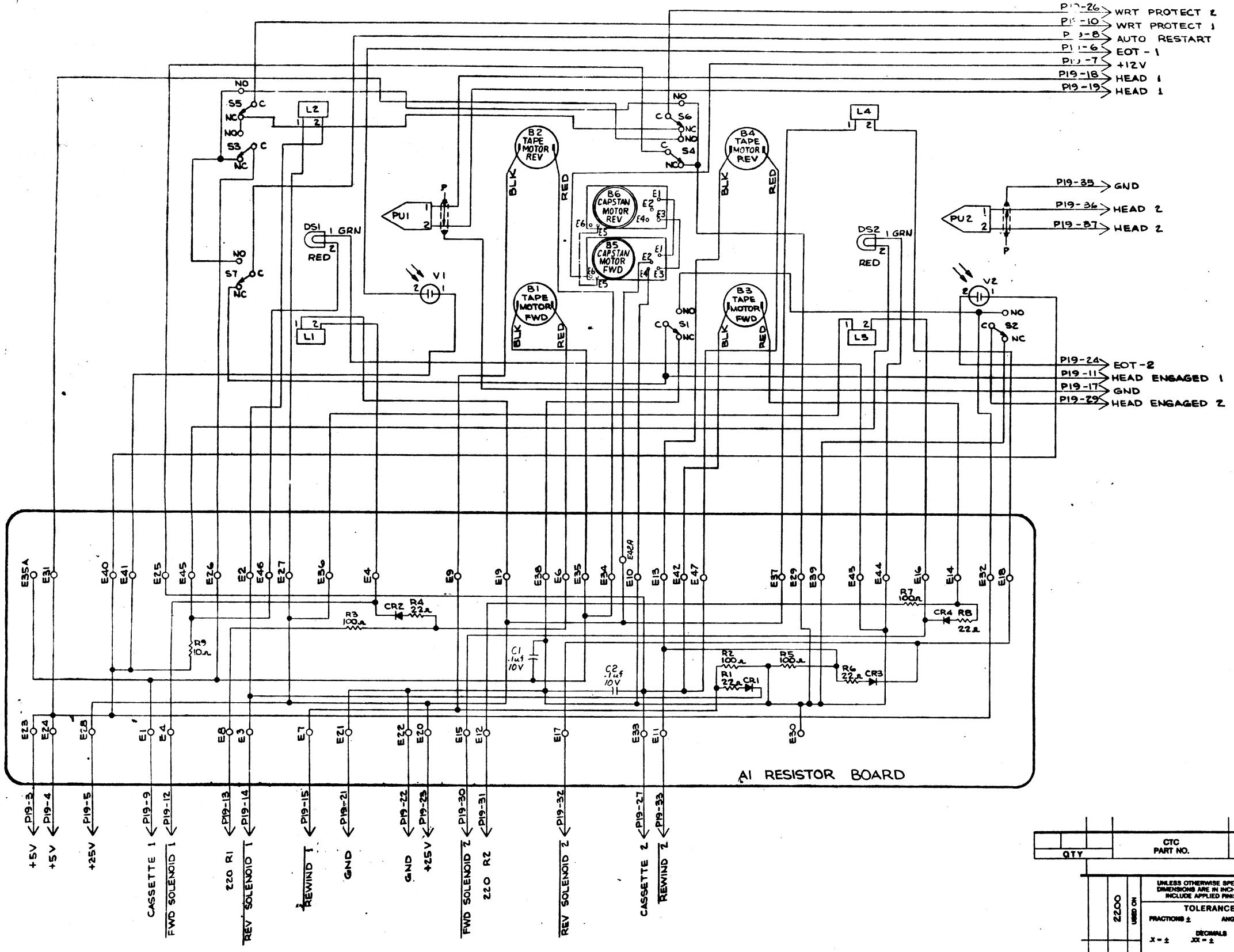
4K RANDOM ACCESS MEMORY

DATAPoint CONFIDENTIAL INFORMATION



**8725 BATAPoint DR.
SAN ANTONIO, TEXAS
78229**

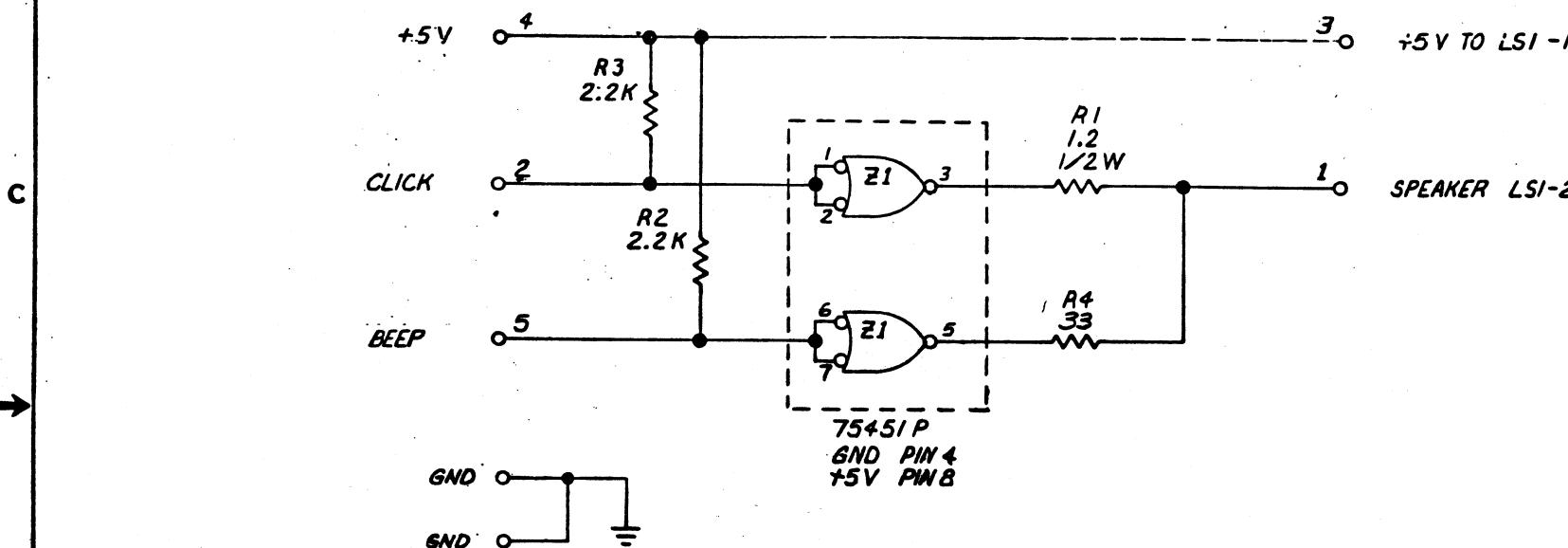
ZE	DWG NO.	REV
D	03-1-01-0033	C
DATE		SHEET <u>2</u> OF <u>2</u>



DATAPPOINT CONFIDENTIAL INFORMATION

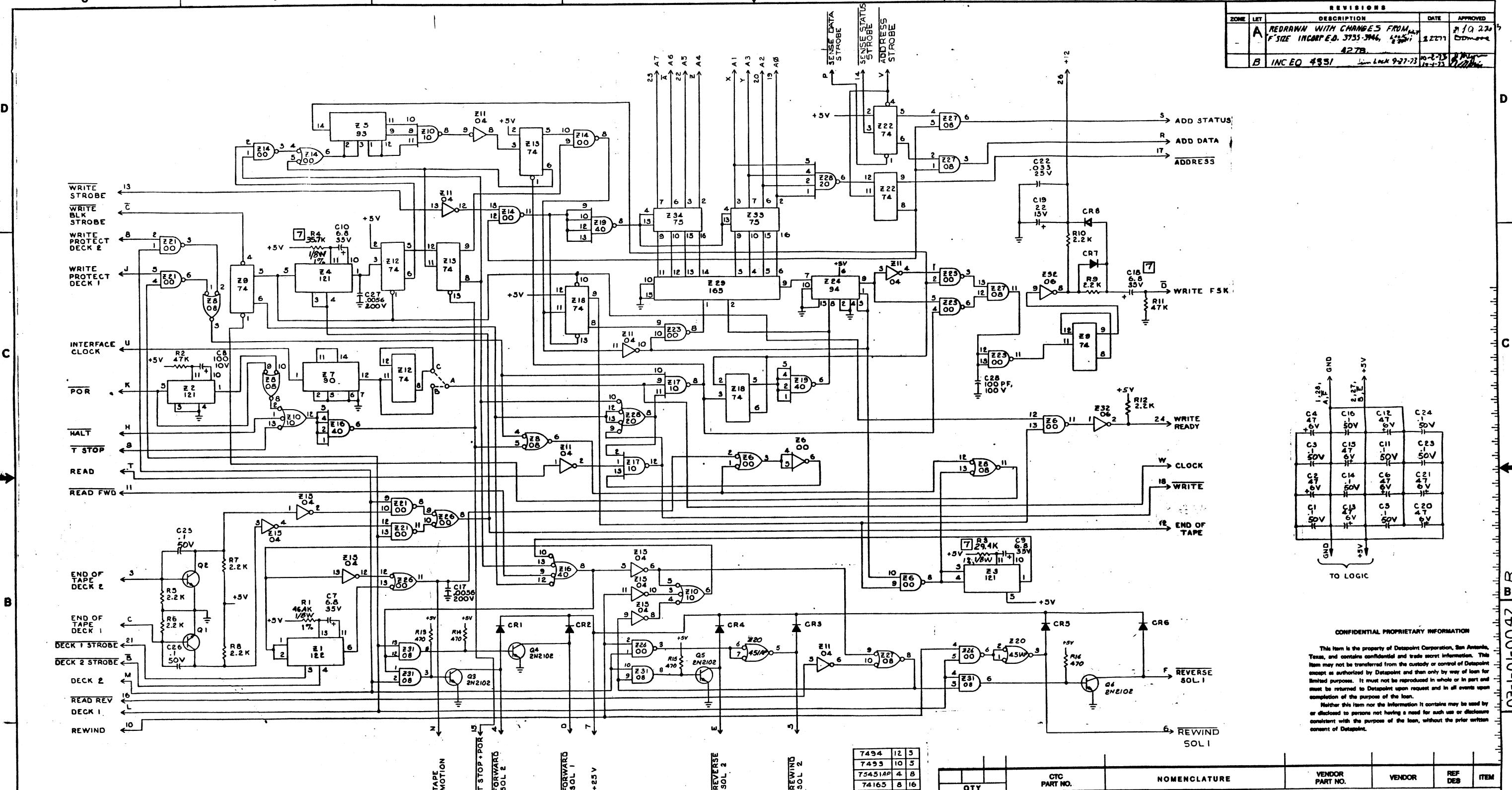
QTY	CTC PART NO.	NOMENCLATURE	VENDOR PART NO.	VENDOR	REF DES	ITEM
		PARTS LIST				
2200	USED ON	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AND INCLUDE APPLIED FINISH.	DRAWN <i>K. Knuckles</i>	DATE 7-23-71	 <p>Computer Terminal Corporation 8725 BATAPoint DR. SAN ANTONIO, TEXAS 78229 512-696-4520</p>	
		FRACTIONS \pm DECIMALS $X = \pm$ $JX = \pm$ $JXX = \pm$	CHECKED <i>C. Knuckles</i>	DATE 7-26-71		
	NEXT ASSY	MATERIAL:	DESIGN ENGINEER <i>H. C. Knuckles</i>	DATE 7-26-71	<h3>SCHEMATIC DIAGRAM, 2200 TAPE DECK</h3>	
			PROJECT ENGINEER <i>F. C. Knuckles</i>	DATE 7-26-71		
	DASH			BIGE D	DWG NO. C3-1-01-0037	REV D
			SCALE NONE		SHEET 1 OF 1	

REVISIONS				
ZONE	LET	DESCRIPTION	DATE	APPROVED
A		INCORP EO 3597 MILLEZ 5472	5-21-71 P-1/C 5-12-71 G	



DATAPoint CONFIDENTIAL INFORMATION

QTY	CTC PART NO.	NOMENCLATURE	VENDOR PART NO.	VENDOR	REF DES	ITEM
2200	03-1-01-0039	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AND INCLUDE APPLIED FINISH.	DRAWN J.T. Hunter	DATE 8-4-71	Computer Terminal Corporation 8725 DATAPoint DR. SAN ANTONIO, TEXAS 78229 512-696-4529	
0	0	TOLERANCES FRACTIONS ± ANGLES ± DECIMALS ± X - ± XX - ± XXX - ±	CHECKED K.P. Jackson	DATE 9-7-71		
0	0	DESIGN ENGINEER J.F. Alexander	DATE 9-7-71	SCHEMATIC DIAGRAM SPEAKER DRIVER CARD		
0	0	PROJECT ENGINEER	DATE			
0	0	Joe Esteren	9-7-71	SIZE C	DWG NO. 03-1-01-0039	REV A
NOTES: (UNLESS OTHERWISE SPECIFIED)			SCALE NONE	SHEET 1 OF 1		



8. ALL DIODES ARE IN 914
[] VALUES CHANGE TO OPERATE WITH 15IPS. REEL TO REEL
TAPE DECK. SEE TABLE A.
ALL TRANSISTORS ARE ON 200A

6. ALL TRANSISTORS ARE 2N 2219A

- 5. ALL CAPACITANCE VALUES ARE IN MICROFARADS.
- 4. ALL RESISTOR VALUES ARE IN OHMS. $\pm 5\%$, $1/4$ W
- 3. LOGIC SYMBOLS PER USA-STD-Y32.14, ELECTRONIC SYMBOLS PER USA-STD-Y32.2-67
- 2. NUMBERS SHOWN BELOW REFERENCE DESIGNATION WITHIN

E - SHOWN BELOW REFERENCE DESIGNATION WITH LOGIC SYMBOLS ARE SEGMENTS OF VENDOR PART NUMBER DESCRIBED IN PARTS LIST.

I. PARTIAL REFERENCE DESIGNATIONS ARE SHOWN; FOR COMPLETE DESIGNATION PREFIX WITH UNIT AND/ OR ASSEMBLY DESIGNATION A2

NOTES: (UNLESS OTHERWISE SPECIFIED)

TABLE A		
C18	INF	±10%
R3	12.4K	±1%
R4	21.5K	±1%
RI	47K	±5%

Z NO	TYPE	INPUT	OUTPUT
Z32	7406	3,5, 13,11	4,6 12,10
Z17	7410	3,4,5	6

Z34	Z25,30
Q6	
CR8	
C28	
R16	
LAST USED	NOT USED
REF DES	

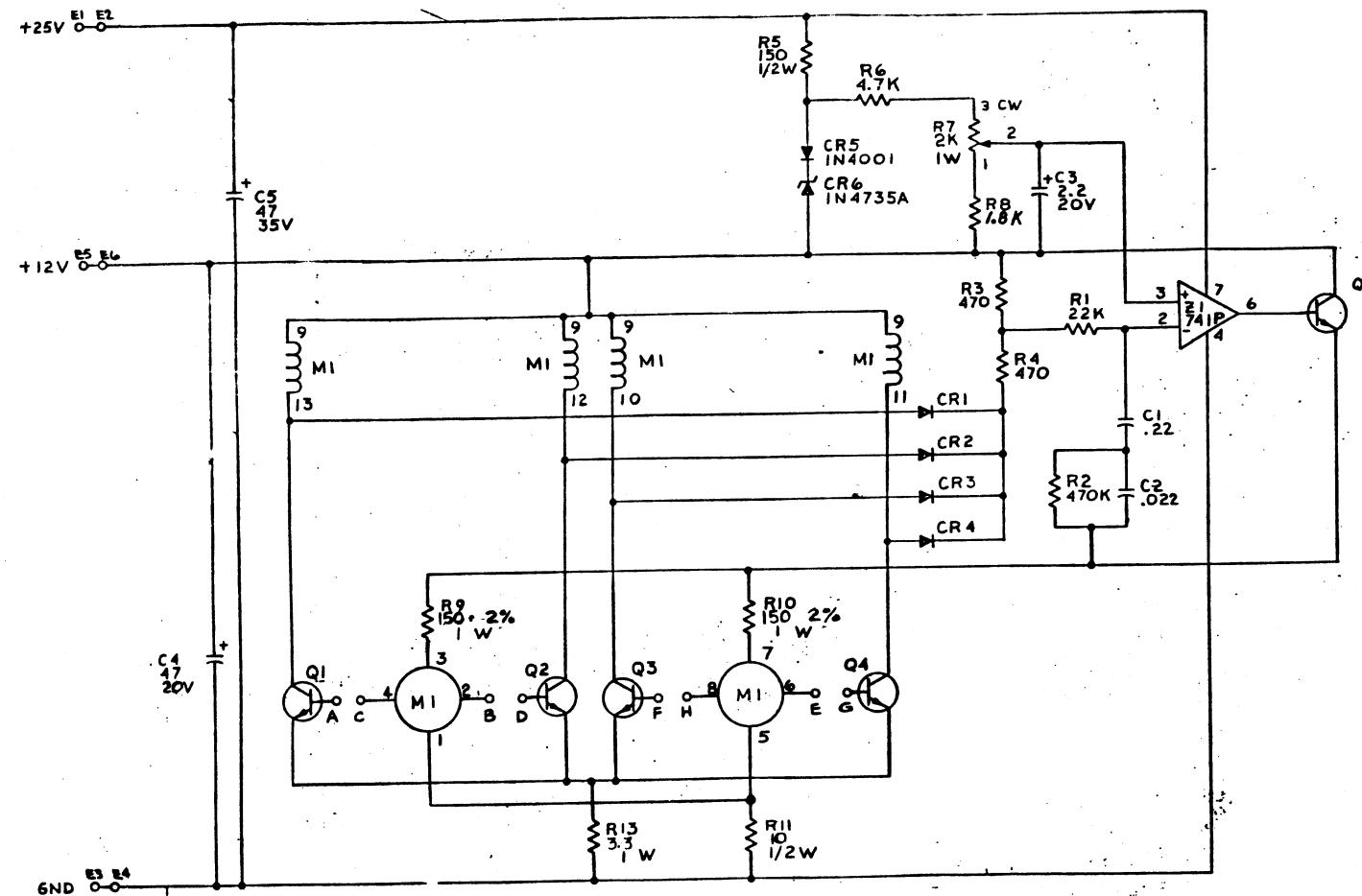
7494	12	5
7495	10	5
75451AP	4	8
74165	8	16
74122	7	14
74121	7	14
7490	10	5
7475	12	5
7474	7	14
7440	7	14
7420	7	14
7410	7	14
7408	7	14
7406	7	14
7404	7	14
7400	7	14
I.C. TYPE	G N D	V C C

SCHEMATIC DIAGRAM MODULATOR II

A2

	DWG NO.	03-1-01-0042	REV
NONE		SHEET 1 OF 1	B

REVISIONS			
ONE	LET	DESCRIPTION	DATE
A	INC. E.O. # 3740	7/20/41	7-20-41 13
B	INCORP EO# 3743, 3745, 3747, 3749. WAS F 6156, C4 WAS 47 UFD 15Y 2-152	1-26-77 1-27-77	1-26-77 1-27-77



10. TRANSISTORS ARE 2N2102
9. CR5 & CR6 ARE SELECTED FOR TEMPERATURE COMPENSATION.
THE IN4001(CR5) HAS A NEGATIVE TEMPERATURE COEFFICIENT
OF -.0016 VOLT PER DEGREE CENTIGRADE. THE IN4735A(CR6)
HAS A POSITIVE TEMPERATURE COEFFICIENT OF +.00235
VOLTS PER DEGREE CENTIGRADE.

AT 50°C CR5 HAS A NOMINAL VOLTAGE OF .700 VOLTS
AND CRG 6.130 VOLTS.

1 THE COMBINED VOLTAGE AND TEMPERATURE COEFFICIENT
OF CR5 & CRG IS 6.200 VOLTS WITH +.00075 VOLTS
PER DEGREE CENTIGRADE. THIS RESULTANT COMPENSATES
THE SERVO SYSTEM OVER THE 25°C TO 75°C RANGE.

8 MTR MOTOR, BRUSHLESS D.C., SIEMAN TAD4002-0A

7. NONE
6. ALL DIODES ARE IN914
5. ALL CAPACITANCE VALUES ARE IN MICROFARADS.
4. ALL RESISTOR VALUES ARE IN OHMS, 1/4W; 5%

3. LOGIC SYMBOLS PER USA-STD-Y32.14, ELECTRONIC
SYMBOLS PER USA-STD-Y32.2-67.
2. NUMBERS SHOWN BELOW REFERENCE DESIGNATION WITHIN
LOGIC SYMBOLS ARE SEGMENTS OF VENDOR PART NUMBERS

1. PARTIAL REFERENCE DESIGNATION ARE SHOWN FOR COMPLETE DESIGNATION PREFIX WITH UNIT AND/OR ASSEMBLY DESIGNATION.

NOTES: (UNLESS OTHERWISE SPECIFIED)

JUMPER LIST			
DASH NO	DESCRIPTION	INSTALL JUMPER	
		FROM	TO
-B01	FORWARD	A	C
		B	D
		E	G
		F	H
-B02	REVERSE	A	B
		C	D
		E	F
		G	H

DATAPPOINT CONFIDENTIAL INFORMATION

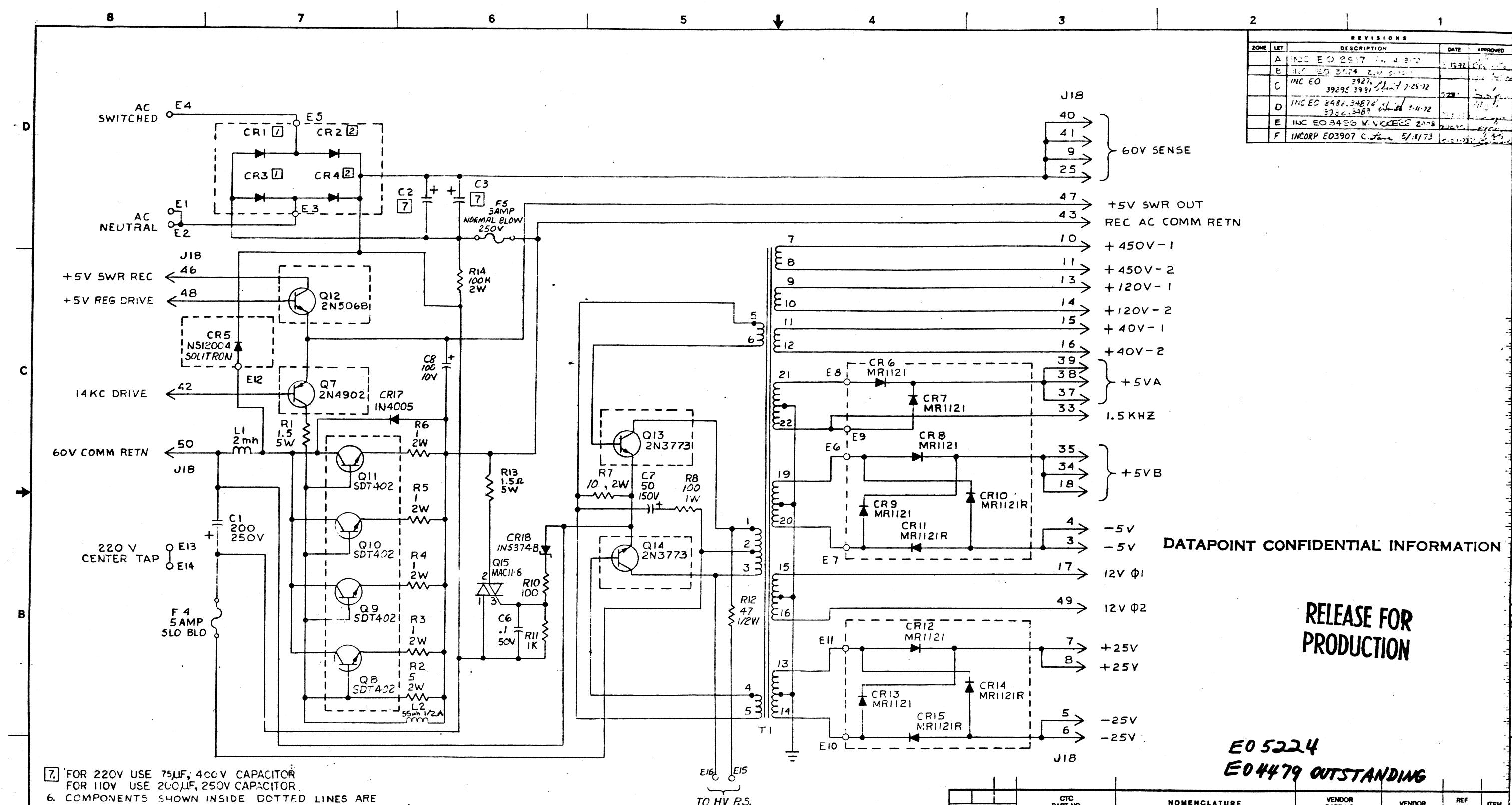
**SCHEMATIC DIAGRAM,
TAPE MOTOR**

SIZE		DWG NO.
B		03 121 2022

DWG NO. 03 101 0001

03-1-01-0043 B

1 SHEET / OF /



DATAPPOINT CONFIDENTIAL INFORMATION

RELEASE FOR PRODUCTION

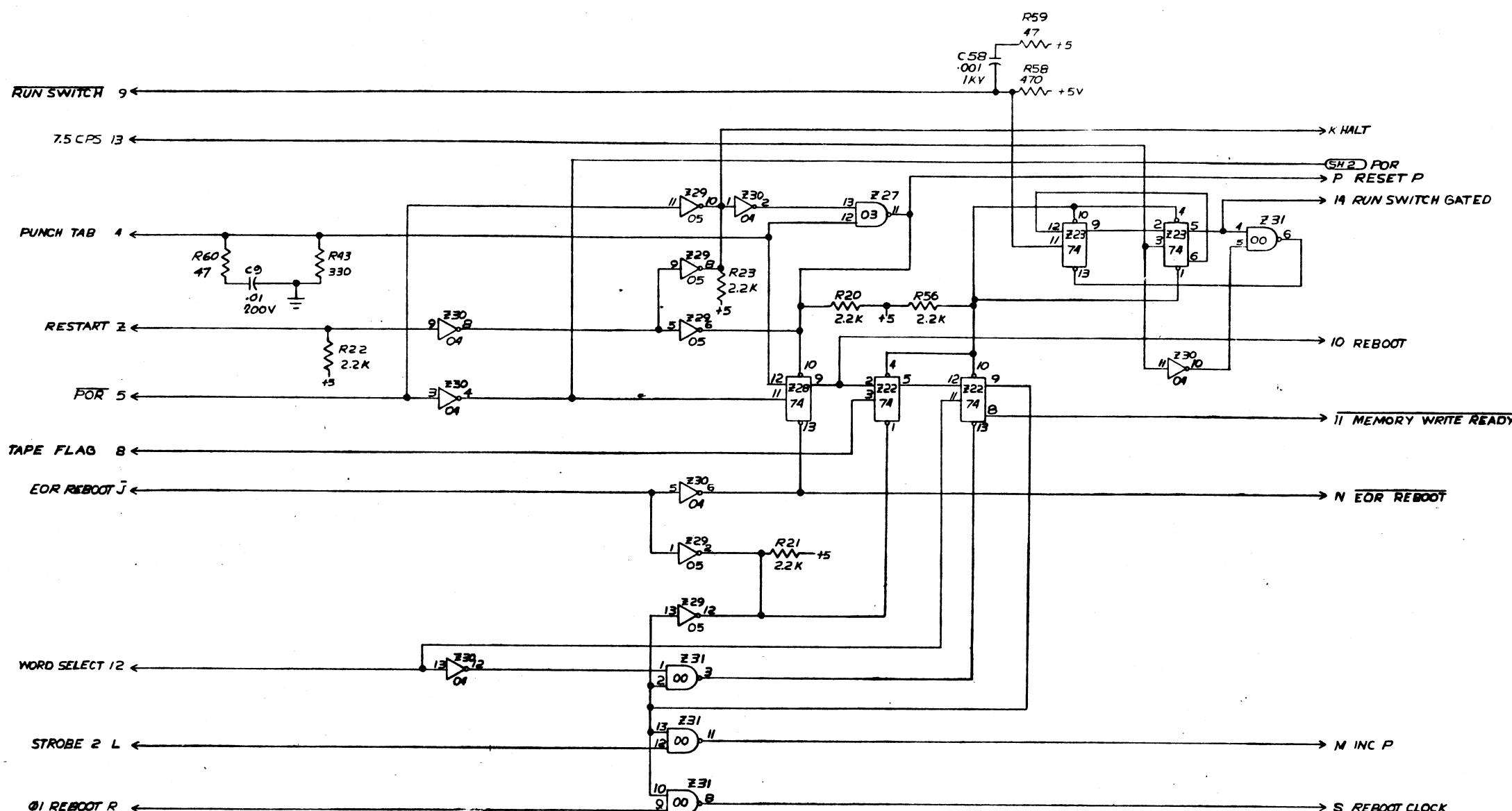
E05224

E04479 OUTSTANDING

- 7. FOR 220V USE 75 μ F, 400V CAPACITOR
FOR 110V USE 200 μ F, 250V CAPACITOR.
 - 6. COMPONENTS SHOWN INSIDE DOTTED LINES ARE MOUNTED ON ASSY 03-1-09-0017 (HEATSINK ASSY)
 - 5. ALL CAPACITANCE VALUES ARE IN MICROFARADS
 - 4. ALL RESISTOR VALUES ARE IN OHMS \pm 5 %
 - 3. _____
 - 2. FOR 220V USE MR1130
FOR 110V USE MR1125
 - 1. FOR 220V USE MR11E0R
FOR 110V USE MR1125R

NOTES: (UNLESS OTHERWISE SPECIFIED)

A15	Q1-6
F5	FI-3
T1	
L2	
R14	R9
CR18	CR16
C6	C4.5
LAST USED	NOT USED



**6 FOR SWEDISH UNIT, Z3 USE 13010145
FOR KATAKANA UNIT AND SWEDISH II UNIT, Z3 USE 1102A (PROGRAMMED BY DATARDIN)
5 ALL TRANSISTORS ARE 2N2219A
4 ALL DIODES ARE IN914
3 ALL CAPACITANCE VALUE ARE MICROFARADS,
2 ALL RESISTOR VALUE ARE IN OHMS, $\pm 5\%$, 1W
1. NUMBERS SHOWN BELOW & WITHIN LOGIC SYMBOLS ARE
SEGMENTS OF VENDOR PART NUMBERS DESCRIBED**

KATAKANA	H	A
	J	E
	B	C
SWEDISH I	H	K
SWEDISH II	D	E
JUMPERS	B	C
DESCRIPTION	FROM	TU
JUMPER TABLE		

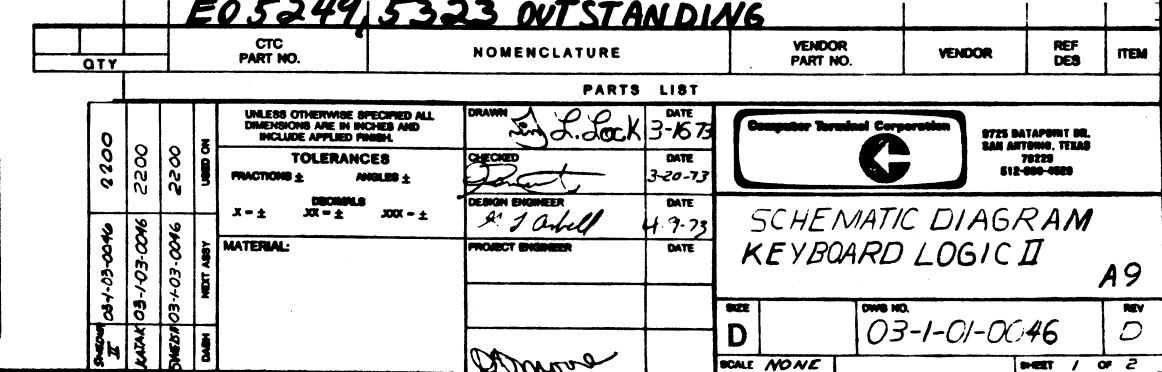
74193	8	16	
74165	8	15	
74151	8	16	
74123	8	16	
7475	12	5	
7474	7	14	
7432	7	14	
7427	7	14	
7410	7	14	
7408	7	14	
7406	7	14	
7405	7	14	
7404	7	14	
7403	7	14	
7400	7	14	
72720	11	3/10	7.14
1C TYPE	GND	+5V	-5V

CONFIDENTIAL - PROOFREADER'S MARKS

This Item is the property of Datapoint Corporation, San Antonio, Texas, and contains confidential and trade secret information. This Item may not be transferred from the custody or control of Datapoint except as authorized by Datapoint and then only by way of loan, for limited purposes. It must not be reproduced in whole or in part, and must be returned to Datapoint upon request and in all events upon completion of the purpose of the loan.

Neither this item nor the information it contains may be used by or disclosed to persons not having a need for such use or disclosure consistent with the purpose of the loan, without the prior written consent of Debtors.

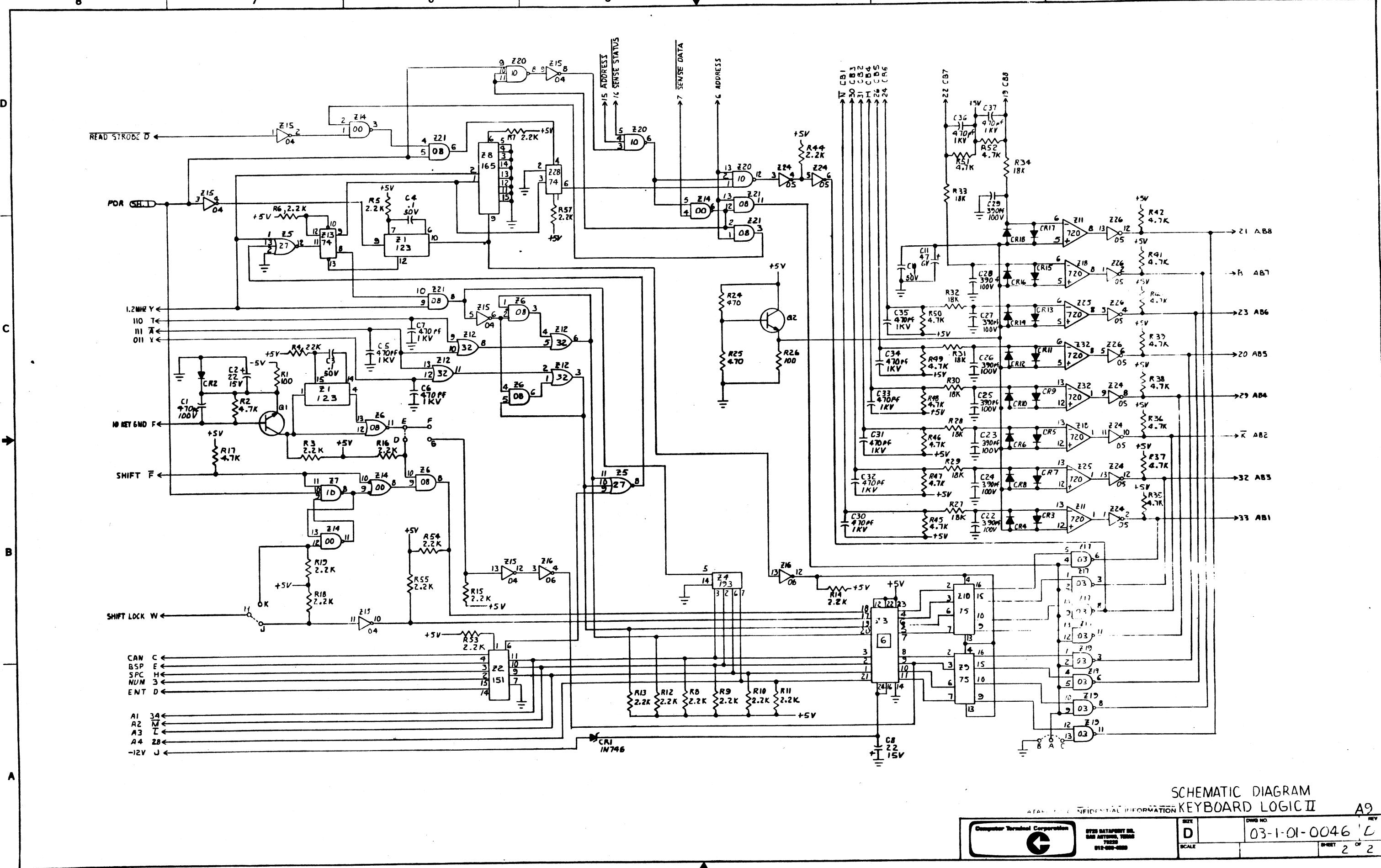
Z29	7405	3	4
Z27	7403	9,10	8
Z27	7403	45	6
Z27	7403	1,2	3
Z26	7405	10	11
Z26	7405	8	9
Z16	7406	10	11
Z16	7406	8	9
Z16	7406	5	6
Z16	7406	1	2
Z13	7474	2,3	56
Z7	7410	1,2,13	12
Z7	7410	3,4,5	,6
Z5	7427	3,4,5	6
Z110	TYPE	INPUT	OUTPUT
	SPARES		



SCHEMATIC DIAGRAM KEYBOARD LOGIC II

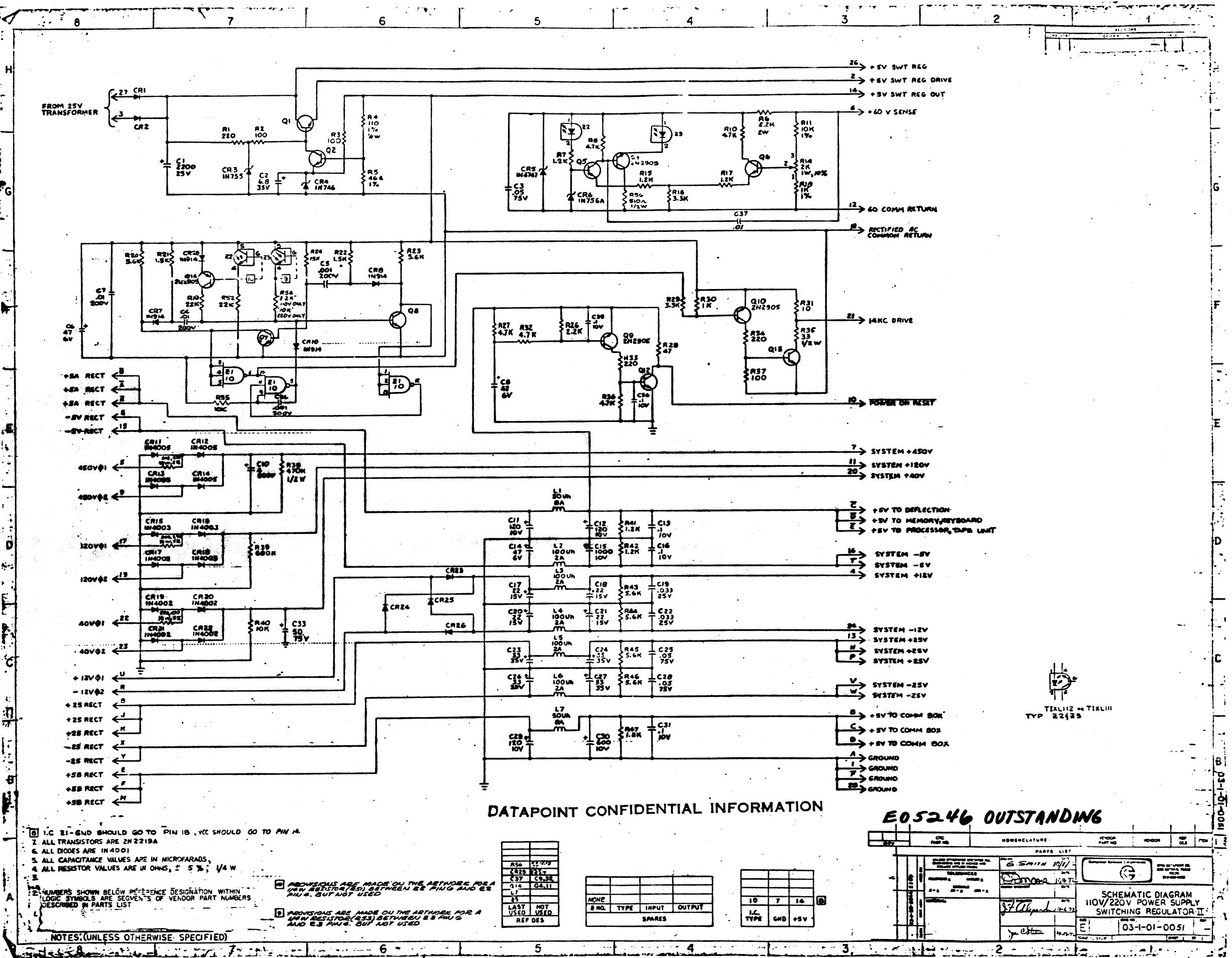
A9

NOTES: (UNLESS OTHERWISE SPECIFIED)

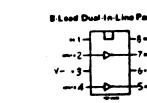
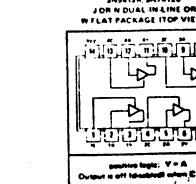
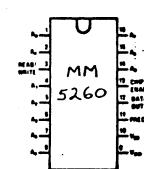
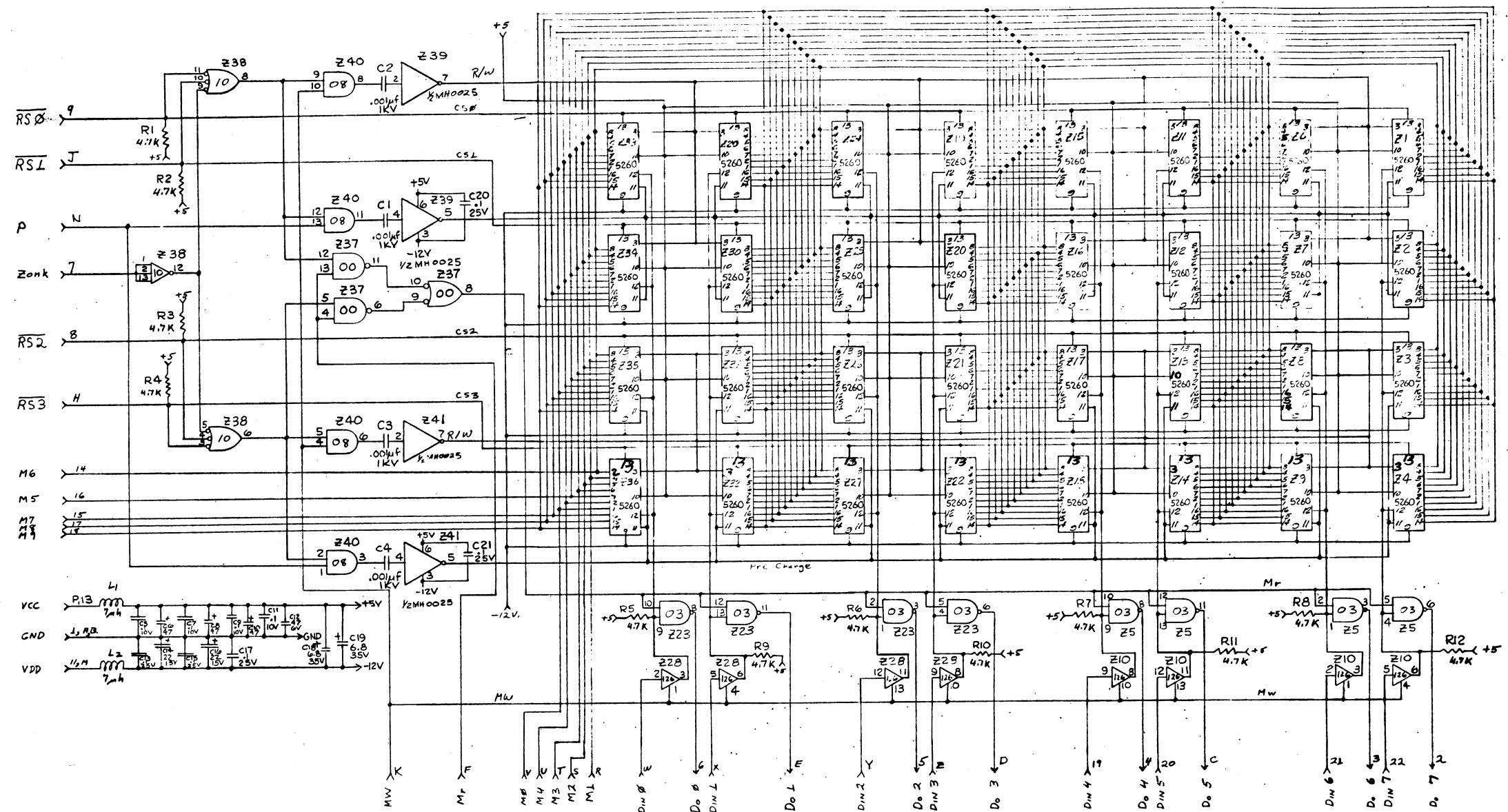


SCHEMATIC DIAGRAM
KEYBOARD LOGIC II

ATTACHMENT 1 CONFIDENTIAL INFORMATION		SIZE	DRAWING NO.
Computer Terminal Corporation	IN746	D	03-1-01-0046 'C'
7425 DATAPORT INC. 1000 EAST AVENUE, TURLOCK, CALIFORNIA 95370 (209) 638-0000	SCALE		Sheet 2 of 2



ZONE	LET	DESCRIPTION	DATE	APPROVED
A		ADD "OO" PK Z37 M VICKERS 11282		✓



- 3 ALL CAPACITANCE VALUES ARE IN MICROFARADS
 2 ALL RESISTOR VALUES ARE IN OHMS, $\pm 5\%$, 1/4 W
 1. NUMBERS SHOWN BELOW REFERENCE DESIGNATION WITHIN LOGIC
 SYMBOLS ARE SEGMENTS OF VENDOR PART NUMBERS DESCRIBED IN PARTS LIST

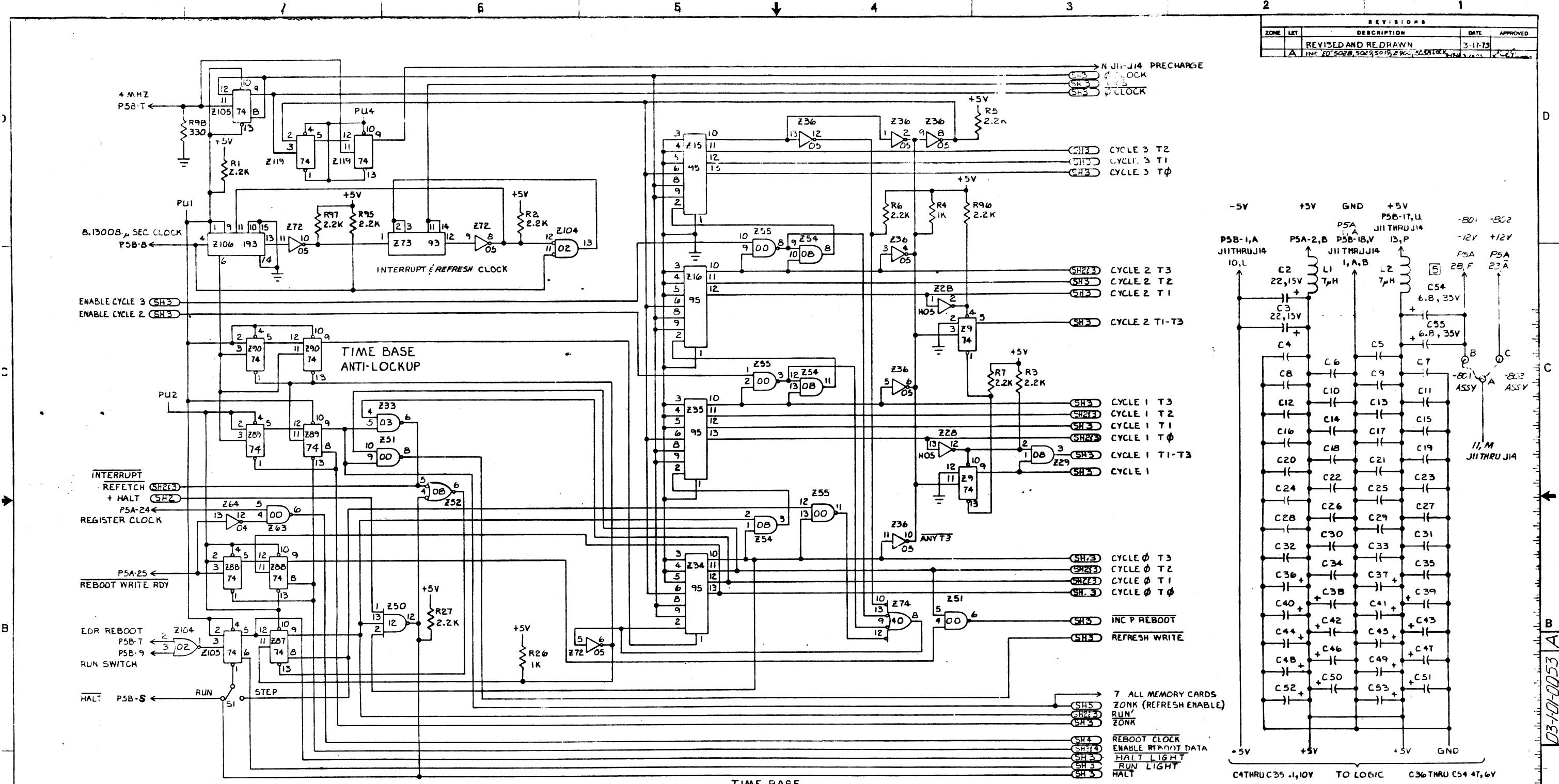
NOTES: (UNLESS OTHERWISE SPECIFIED)

DATAPPOINT CONFIDENTIAL INFORMATION

QTY	CTC PART NO.	NOMENCLATURE	VENDOR PART NO.	VENDOR	REF DES	ITEM
PARTS LIST						
		UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AND INCLUDE APPLIED FINISH	DRAWN M. VICKERS	DATE 11-28-78		
		TOLERANCES	CHECKED Program Review APL	DATE 11-28-78		
		FRACTIONS \pm DECIMALS \pm ANGLES \pm	DESIGN ENGINEER J.P. Morris	DATE		
		X = \pm JX = \pm JOX = \pm				
		MATERIAL:	PROJECT ENGINEER H. S. Ashby	DATE 3-2-73		
		DASH	REDRAW TO DWS 1 P. Morris	DATE 2-14-78		
			SCALE NONE	REV A		
			DWG NO. 03-1-01-0052	SHEET 1 OF 1		

SCHEMATIC DIAGRAM,
4K RANDOM ACCESS MEMORY III

Computer Terminal Corporation
8725 BATOPOLY DR.
SAN ANTONIO, TEXAS
78229
812-988-5620



DATAPPOINT CONFIDENTIAL INFORMATION

PU5	R46	SH
PU4	RIIO	SH
PU3	R3O	SH
PU2	RBO	SH
PU1	RI	SH
PU'X	RES	SH
PULL-UP CHAR		

Z74	40	12,15	6
Z54	08	4,5	6
Z52	08	12,13	11
Z11	32	12,13	11
REF DES	TYPE	INPUT	OUTP
		SPARES	

75	12	5
154, 181	12	2
93	10	5
42, 89, 153, 157, 165, 193, 194	B	16
00, 02, 03, 04, 05, 06, 07, 08, 10, 12, 32, 37, 40, 74, 86, 95, 121, 164, 180, DMB094, H01, H05	7	14
I C TYPE	GND	+5

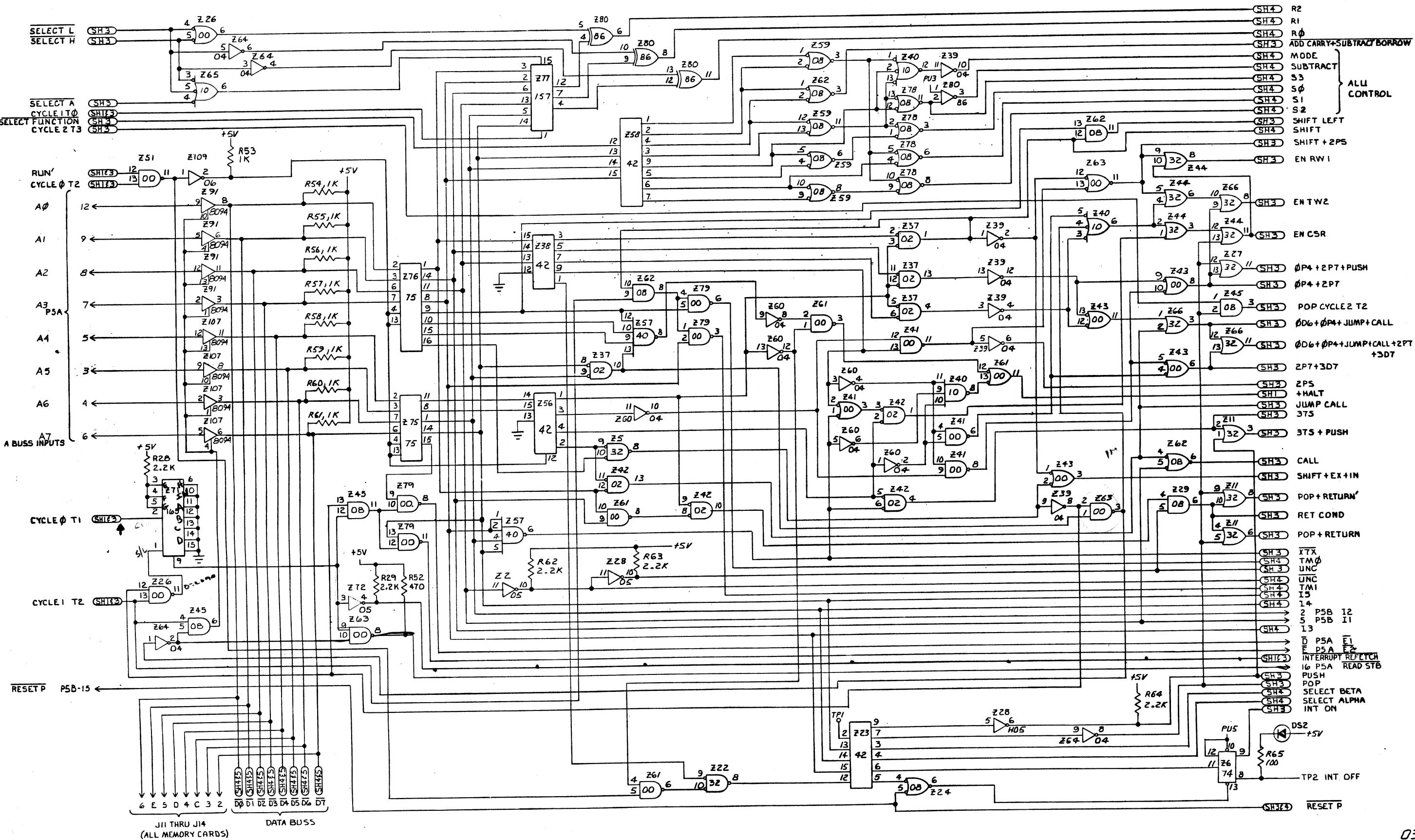
TP2	
DS2	
L2	
R112	
C56	C1
Z121	Z17
LAST	NOT
USED	USED
REF DES	

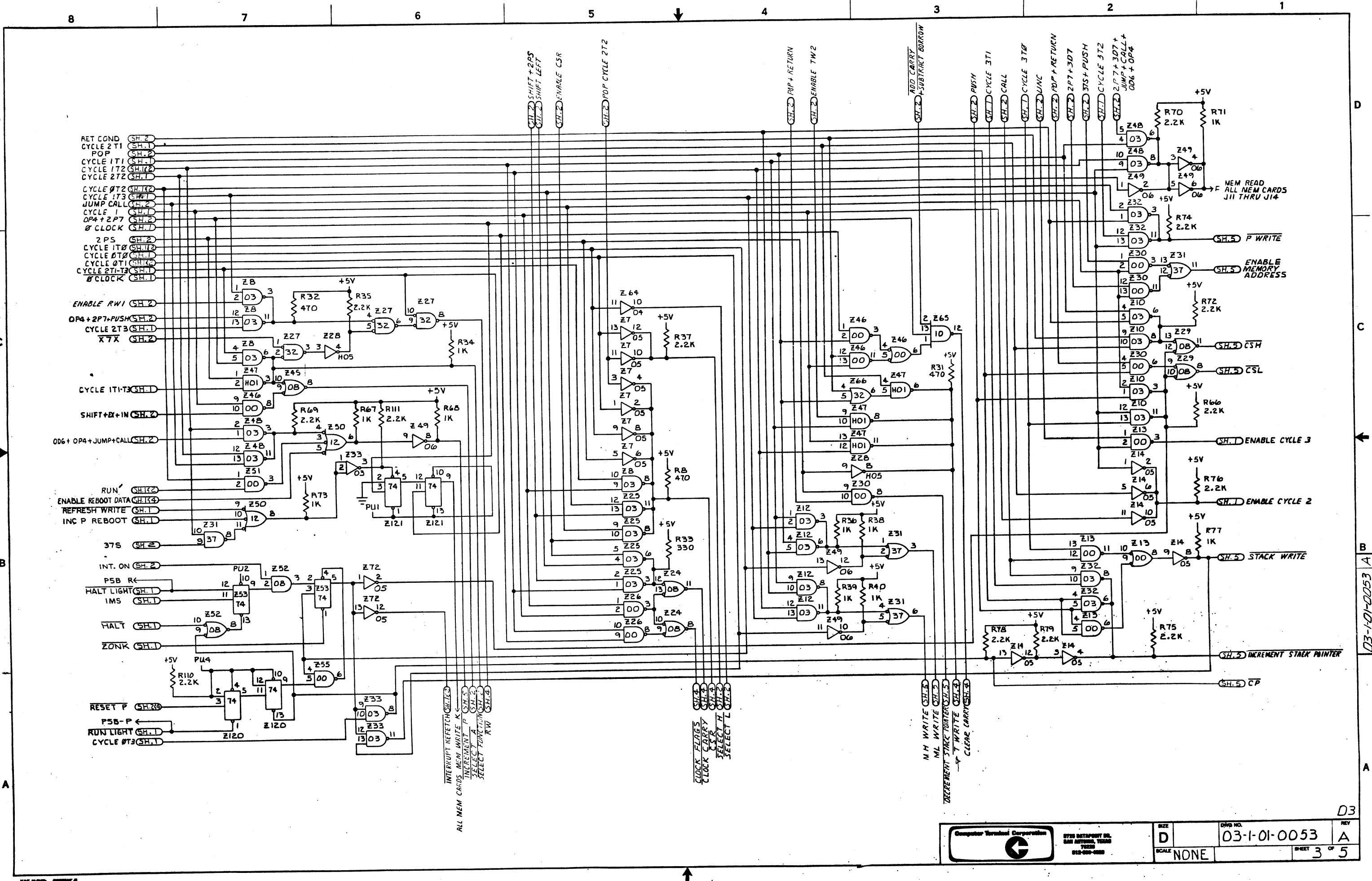
SCHEMATIC DIAGRAM
PARALLEL PROCESSOR II

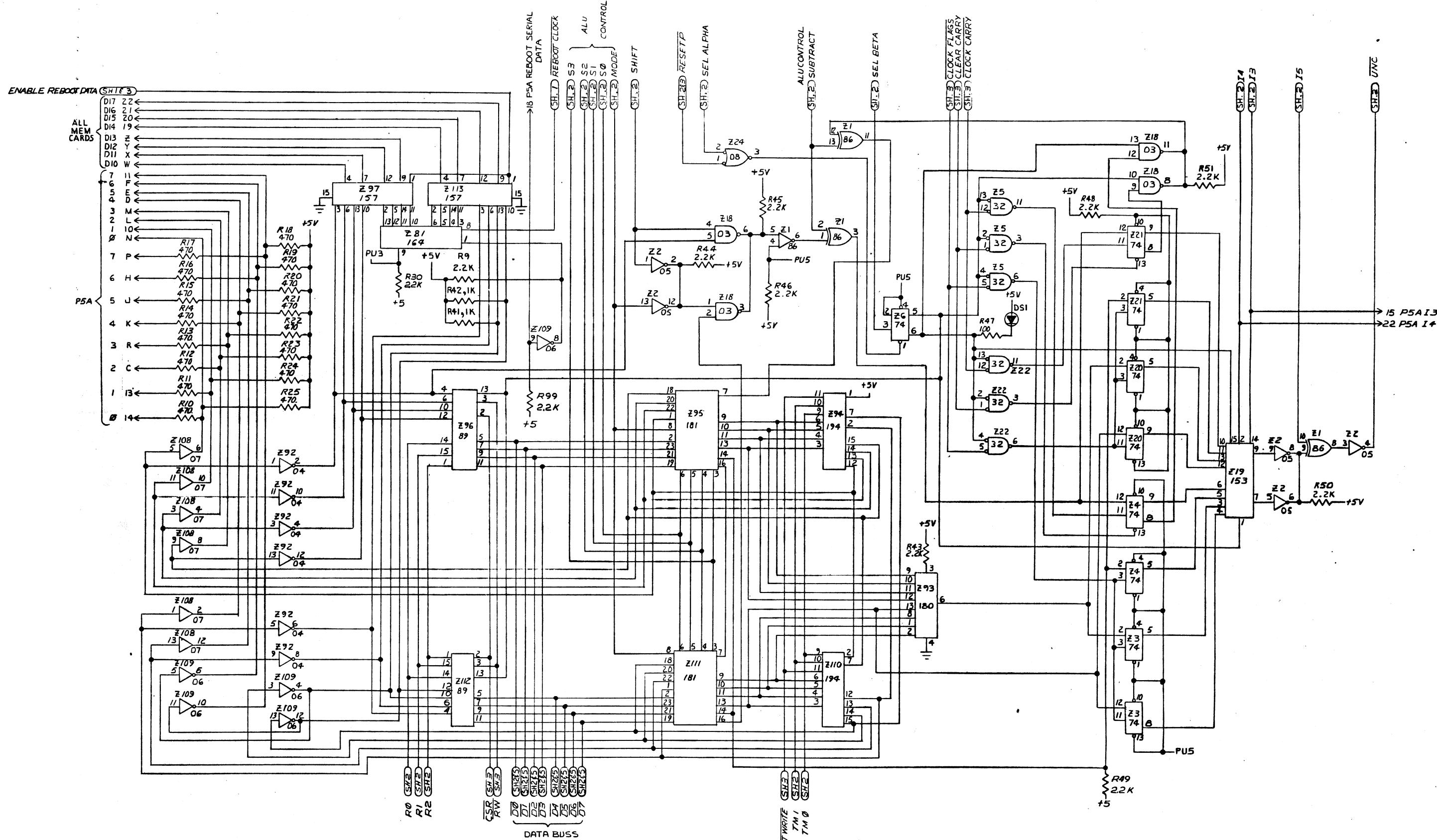
5 SIMILARITY SHOWN FOR -802 ASSY USING 12V
DC POWER. CFC54 FC55 ARE RELEASED FOR -802 ASSY USING 11V.

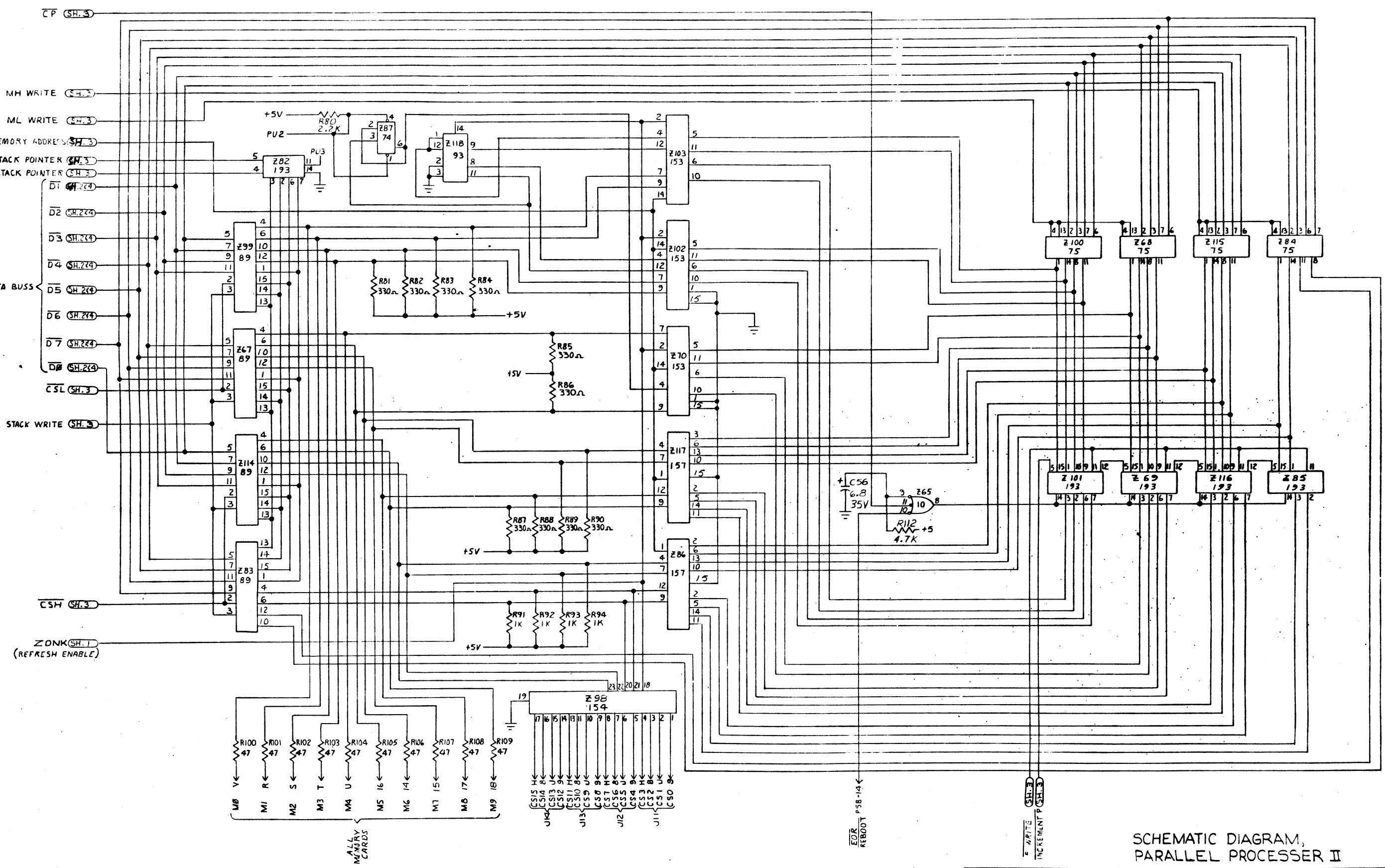
4. ALL INTS MARKED PU X1 ARE TIED TO A
COMMON PULL-UP RESISTOR. SEE PULL-UP CHART.
5. NUMBER 3 SHOWN WITHIN LOGIC SYMBOLS
ARE SEGMENTS OF VENDOR PART NUMBERS DESCRIBED IN PARTS LIST.
6. ALL CAPACITANCE VALUES ARE IN MICROFARADS.
7. ALL FULL TOR VALUES ARE IN GRAMS, ±15%, 1/4W.

NOTES UNLESS OTHERWISE SPECIFIED)

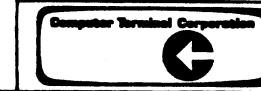








SCHEMATIC DIAGRAM,
PARALLEL PROCESSER II



OFFICE DATAPOINT INC.
SAN ANTONIO, TEXAS
TELECO
612-560-0000

SIZE

D

DRAWING NO.

03-1-01-0053

A

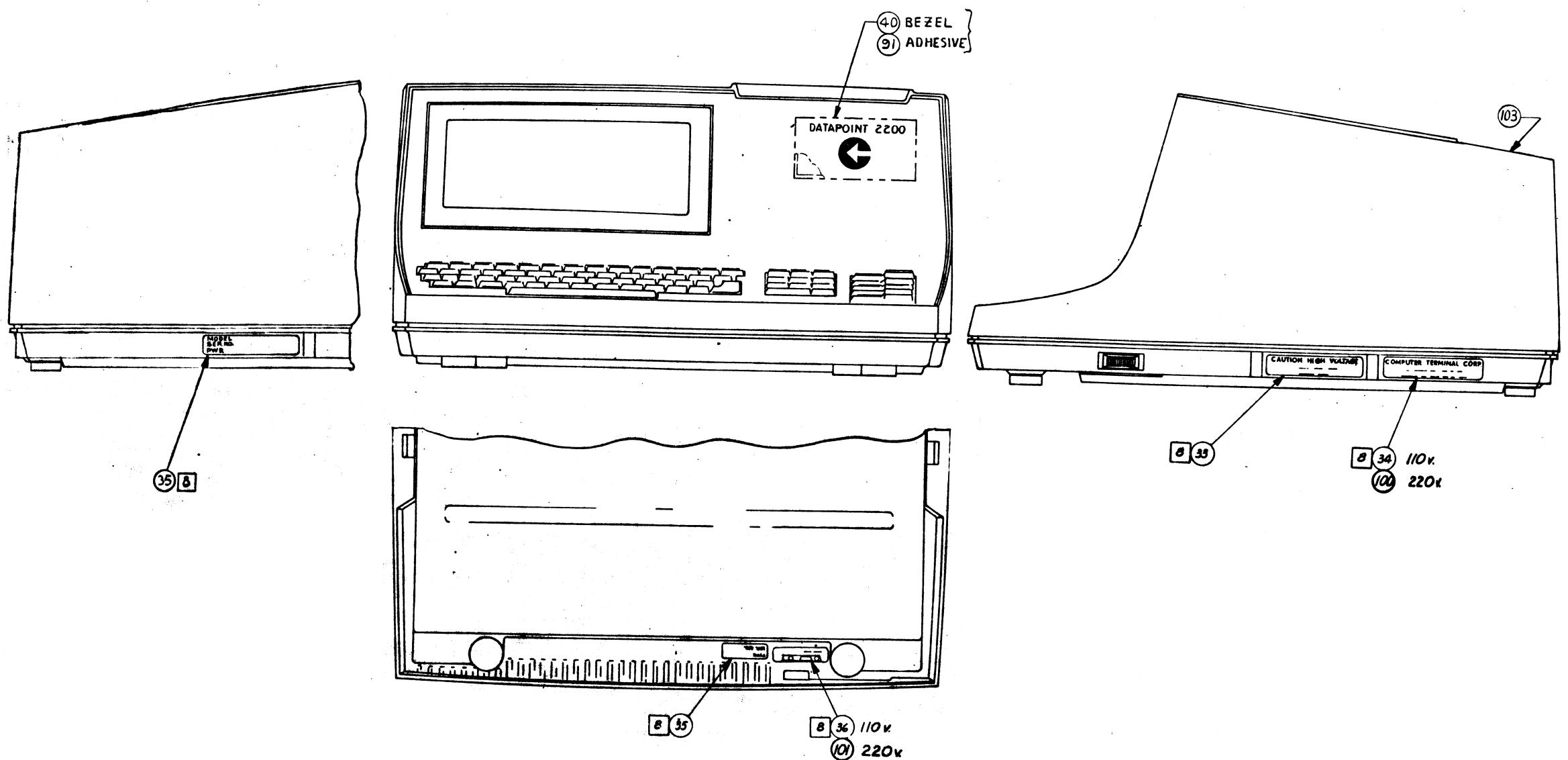
SCALE

HEET

5

OF

5



**II NOTE 3 NOT APPLICABLE. PLACE CABLE CLAMPS AS SHOWN
AND ALLOW CLEARANCE FOR DEFLECTION OF SPRING.**

10

9 THE FOLLOWING TORQUES SHALL BE USED:
NO. 6 SCREW - 16 TO 19 IN. LBS
NO 8 SCREW - 24 TO 28 IN. LBS

8 LOCATE LABEL APPROX AS SHOWN

7. SEE CONNECTOR TABLE FOR REFERENCE.

6. TAG OR MARK WITH APPROPRIATE REFERENCE DESIGNATOR. MARKING SHALL BE APPROX .12 HIGH LEGIBLE AND PERMANENT.

5.

4. REFERENCE DESIGNATIONS ARE NOT NECESSARILY
MARKED ON PARTS.

**3 LOCATION AND QTY OF CABLE CLAMPS AND TIE-RAPS
TO BE DETERMINED AT ASSEMBLY.**

2. EQUIVALENT VENDOR PARTS MAY BE USED WITH
DEPT ENGINEERING APPROVAL.

I. ASSEMBLE PER CRAFT MANUFACTURING STANDARDS.

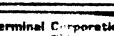
NOTES: (UNLESS OTHERWISE SPECIFIED)

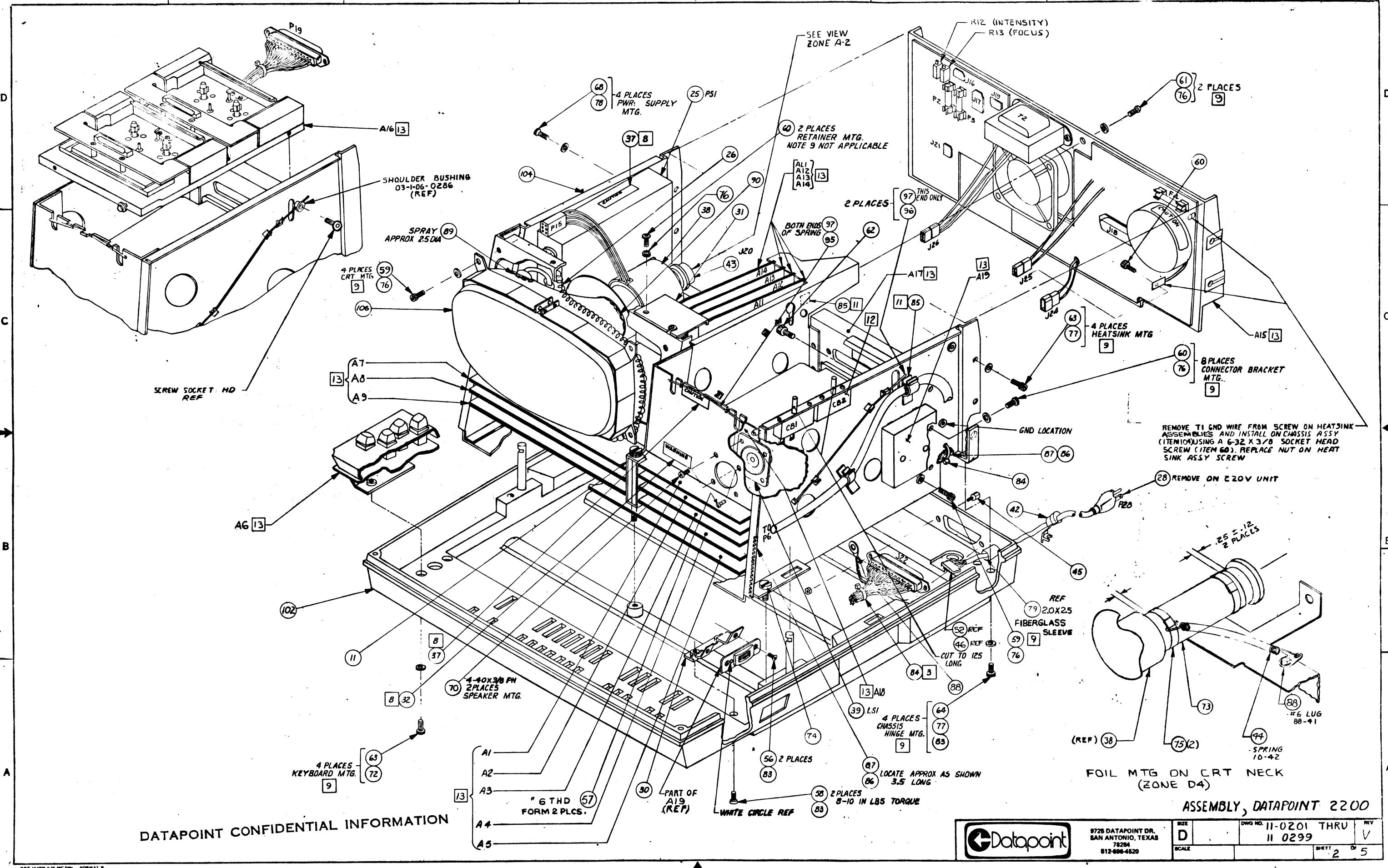
- 13 PER UNIQUE PARTS LIST
- 12 INSTALL ON 220V UNIT ONLY.

		REVISION		
ZONE	LET	DESCRIPTION	DATE	APPROVED
	A	INC DCN# 2512 K.Kanoue 6/10/71	6-19-71	C
	B	INC DCN 2632 PHM 7-15-71	7-7-71	JFC
		INC EO 2919 J.T. GATES 8/571	8-9-71	KPG
	C	INC EO #26225 J.T. GATES 9/8/71	9-11-71	88
		INC EO #2625 J.T. GATES	9-22-71	Pd/Han
	D	INC EO 2668 1) N 1-26-72	1-31-72	JFC
	E	INC EO 2175 AD. N 1-26-72	1-31-72	AD
	F	INC RD EO 2808 E 15-72 GATE 11-72	2-6-72	2-7-72
PLGN	G	INC EO 2810 H. Kanoue CAF 2/22/72	3-1-72	JFC
CAF	H	INC EO 3530 H. M. Morales 3/1/72	3-1-72	JFC
PL	I	INC EO 3655 M.W.KP 3-1-72	3-1-72	AD
RD	J	INC EO 2313 MWK 3-1-72	3-1-72	AD
	K	INC EO 2313 MWK 3-1-72	3-1-72	JFC
	L	INC RD EO 22R22 MWK 3-1-72	3-1-72	JFC
	M	ITEM 6 WAS ITEM4	4-1-72	AD
	N	CREATED 805 THRU 808 4/11/72	4-11-72	XJ 10
	O	INC RD EO 3933	4-23-72	AD/MAR
	P	INC RD EO 3847 JWL LOCK	5-13-73	AD/CUR
	R	INC RD EO 4396 JWL LOCK	5-21-73	AD/CUR
	S	INC RD EO 4032 JWL LOCK	5-21-73	XJ 10
	T	INC RD EO 4203 JWL LOCK	5-21-73	AD/CUR
	U	INC RD EO 4212 JWL LOCK	5-21-73	AD/CUR
	V	INC EO 3906, 4326 & 4375 BOM	6-15-73	AD/CUR

DATAPPOINT CONFIDENTIAL INFORMATION

ED 5453, 5467, 5255
ED 5184, 5164 OUTSTANDING

QTY	CTC PART NO.	NOMENCLATURE	VENDOR PART NO.	VENDOR	REF DES	ITEM
		PARTS LIST				
UNID OR NEXT ASSY	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AND INCLUDE APPLIED FINISH		DRAWN <i>Bremoosa</i>	DATE 6-14-73	Computer Terminal Corporation  9725 DATAPORT DR. SAN ANTONIO, TEXAS 78228 512 698-6620	
	FRACTIONS \pm	ANGLES \pm	CHECKED <i>Bremoosa</i>	DATE 6-14-73		
DASH	DECIMALS $X = \pm$ $XX = \pm$ $XXX = \pm$		DESIGN ENGINEER <i>Slayton</i>	DATE 6-15-73		
	MATERIAL:		PROJECT ENGINEER <i>W. Bramlett</i>	DATE 6/15/73		
				SIZE D	DWG NO. 11 0201 THRU 11 0299	REV V
				SCALE	SHEET 1 OF 5	



DATAPPOINT CONFIDENTIAL INFORMATION

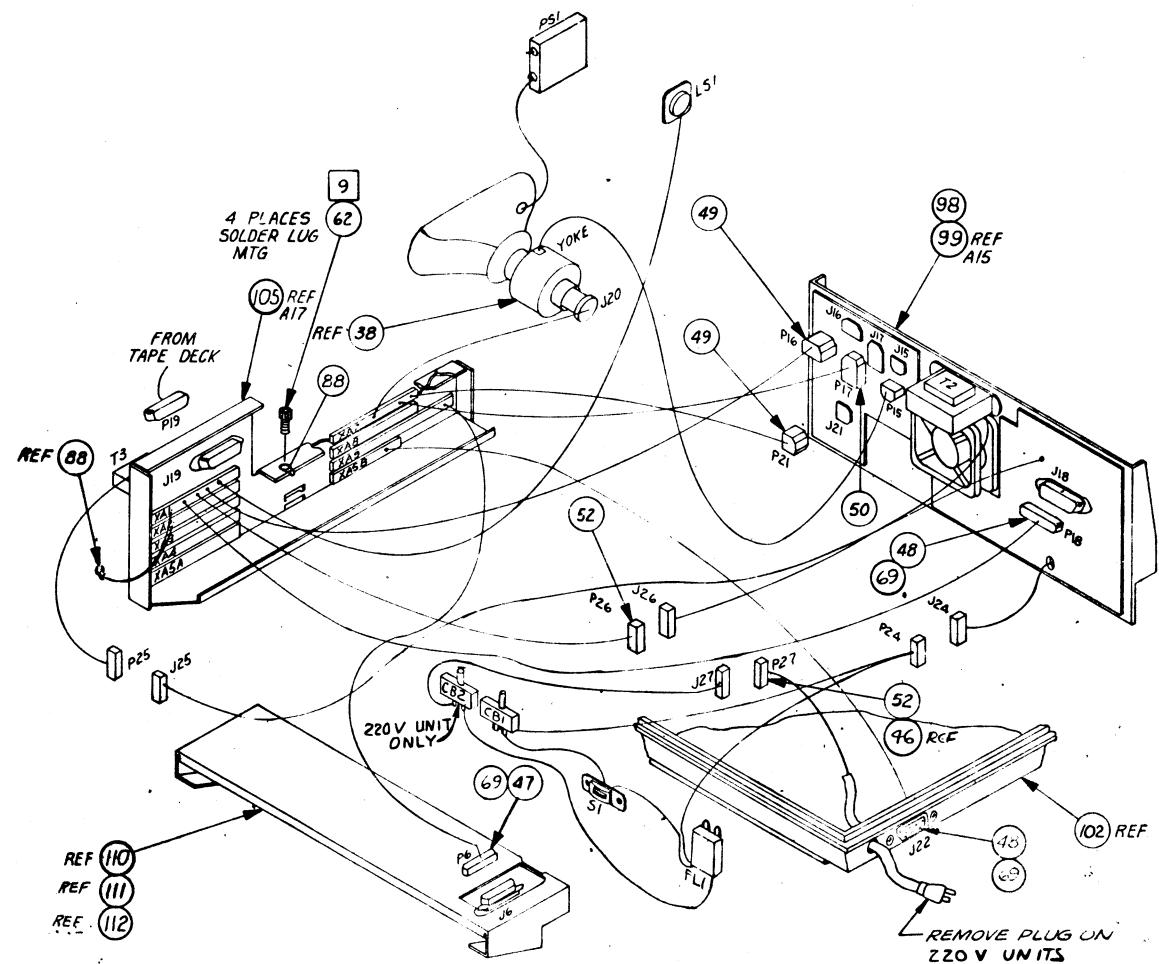


**9726 DATAPoint DR.
SAN ANTONIO, TEXAS
78284
512-696-4520**

ASSEMBLY, DATAPORT 2200

DWG NO. 11-0201 THRU
11 0299

— 1 —



MOLEX CONNECTOR ASSEMBLY TABLE		
CONNECTOR NO.	ITEM 55 PIN NO	ITEM 46 PIN NO.
P16	6	1,2,3,4,5
P17	1	2,3,4,5,6 THRU 12
P21	3	1,2,4,5,6
P26	1,3	2
P27		1,2,3

DATAPPOINT CONFIDENTIAL INFORMATION

ASSEMBLY, DATAPORT 2200



725 DATAPORT DR.
SAN ANTONIO, TEXAS
78284
512-896-4520

DWG NO	110221	THRU	
	110222		V
		SHEET	3 / 5

DATAPPOINT CONFIDENTIAL INFORMATION

UNIT REVISIONS
DATAPOINT VI & VII

ASSEMBLY, DATAPORT 2200



**9725 DATAPoint DR.
SAN ANTONIO, TEXAS
78284
512-696-4520**

ZE D	DWG NO. 110201 THRU 110299	REV V
ALE		SHEET 4 OF 5

CONTINUED FROM
SHEET 4

REV LTR

**RELEASE FOR
PRODUCTION**

DATAPPOINT CONFIDENTIAL INFORMATION

UNIT REVISIONS: HNDRX, JWD, KAT

ASSEMBLY, DATAPORT 2200



7225 DATAPORT DR.
SAN ANTONIO, TEXAS
78284
512-696-4529

	DWHS NO.	110201 THRU 110299	REV V
		SHEET 5 OF 5	

D

C

1

3 TORQUE REQUIREMENTS FOR FASTENER TO BE 9 IN LBS. MA

2 SECURE BOARD WITH ITEM 27. THREAD DETAIL A WITH ITEM 27 WHEN KEYBOARD IS IN POSITION. ADD ITEM 27 TO FOLLOWING KEYS (LOCATIONS ALSO MARKED ON BOTTOM SIDE OF KEYBOAR

A TOP ROW KEY POSITION FROM LEFT #1, 2, 9 & RESTART KEY
 SECOND ROW " " " " #2, 3, 8, 10, 13, 14, 17 & STOP KEY
 THIRD ROW " " " " #14, 16, 17, & RUN KEY
 FOURTH ROW " " " " #2, 3, 8, 14, 15 & KEYBOARD KEYS

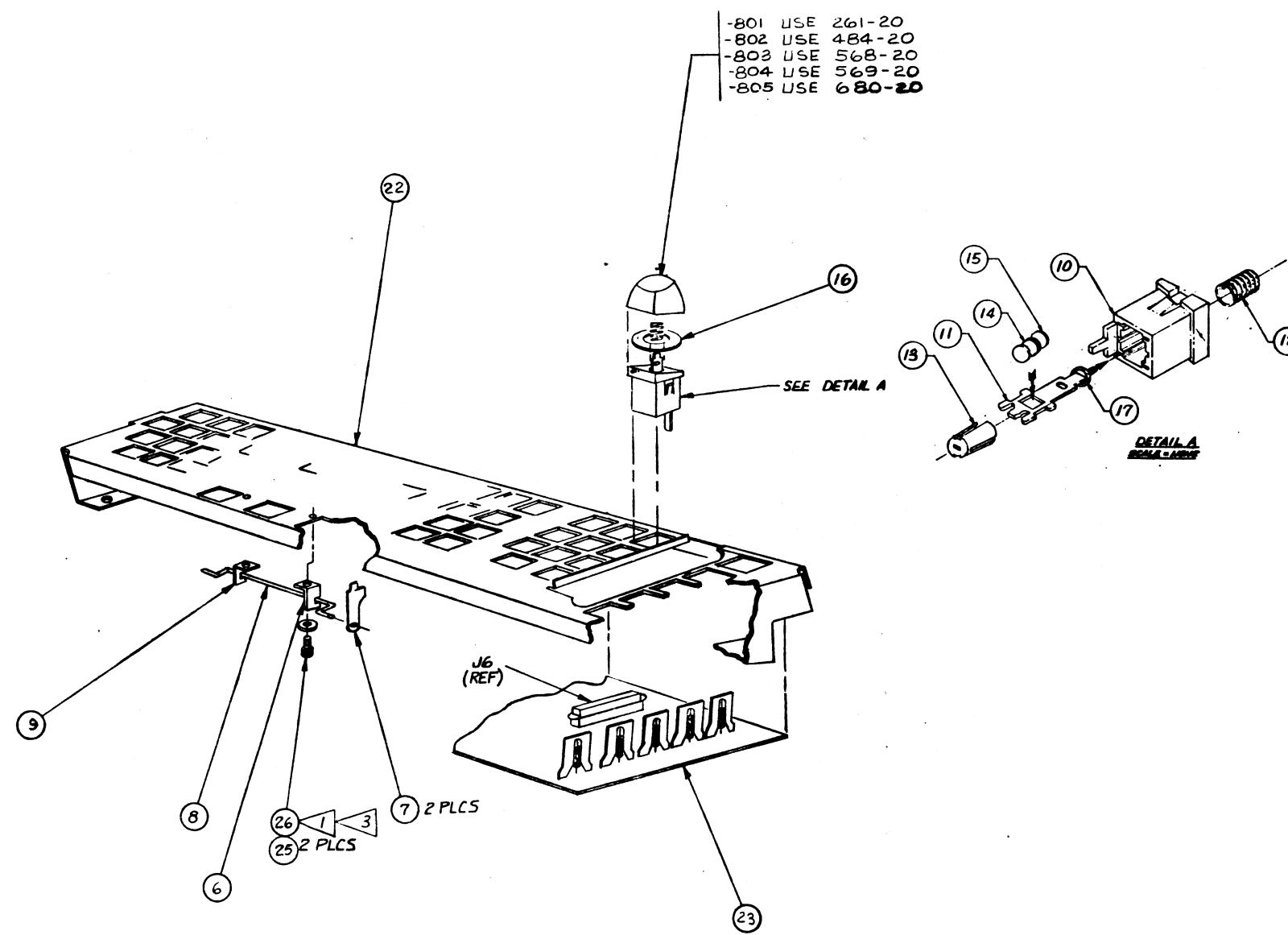
FIFTH ROW DISPLAY KEY

1 USE LOCTITE, ITEM 29, ON SOCKET HEAD SCREWS AS REQUIRED

NOTES: (UNLESS OTHERWISE SPECIFIED)

TABULATED F. E. V. I. S. I. O. N. S.						
-605	-504	-503	-502	-E01	E.O.	ENGR. L.P.F.V.D.
TC-10-273-10	7-15-10	5-39-10	3-35-10			
D	D	E	D			
—	/	/	/	/	5000	

REVISIONS				
ZONE	LET	DESCRIPTION	DATE	APPROVED
A	INCORP DCN# 2117	V Volumetric 4/20/71	1-21-71	✓ ✓ ✓ ✓ ✓
B	INCORP EO 3343. ADDED SEPARATE PH	11/16/71	11-16-71	✓ ✓ ✓ ✓ ✓
C	INC. EO 3322 CHANGED BHT 1&2 OF P/L	11/19/71	11-2-71	✓ ✓ ✓ ✓ ✓
D	CREATE -8036 -804	11/16/71	0 10-71	✓ ✓ ✓ ✓ ✓
E	CREATE -805 E.G. 5000 D. Angola 7-31-73	11/19/71	11-19-71	✓ ✓ ✓ ✓ ✓



RELEASE FOR PRODUCTION

DATAPPOINT CONFIDENTIAL INFORMATION

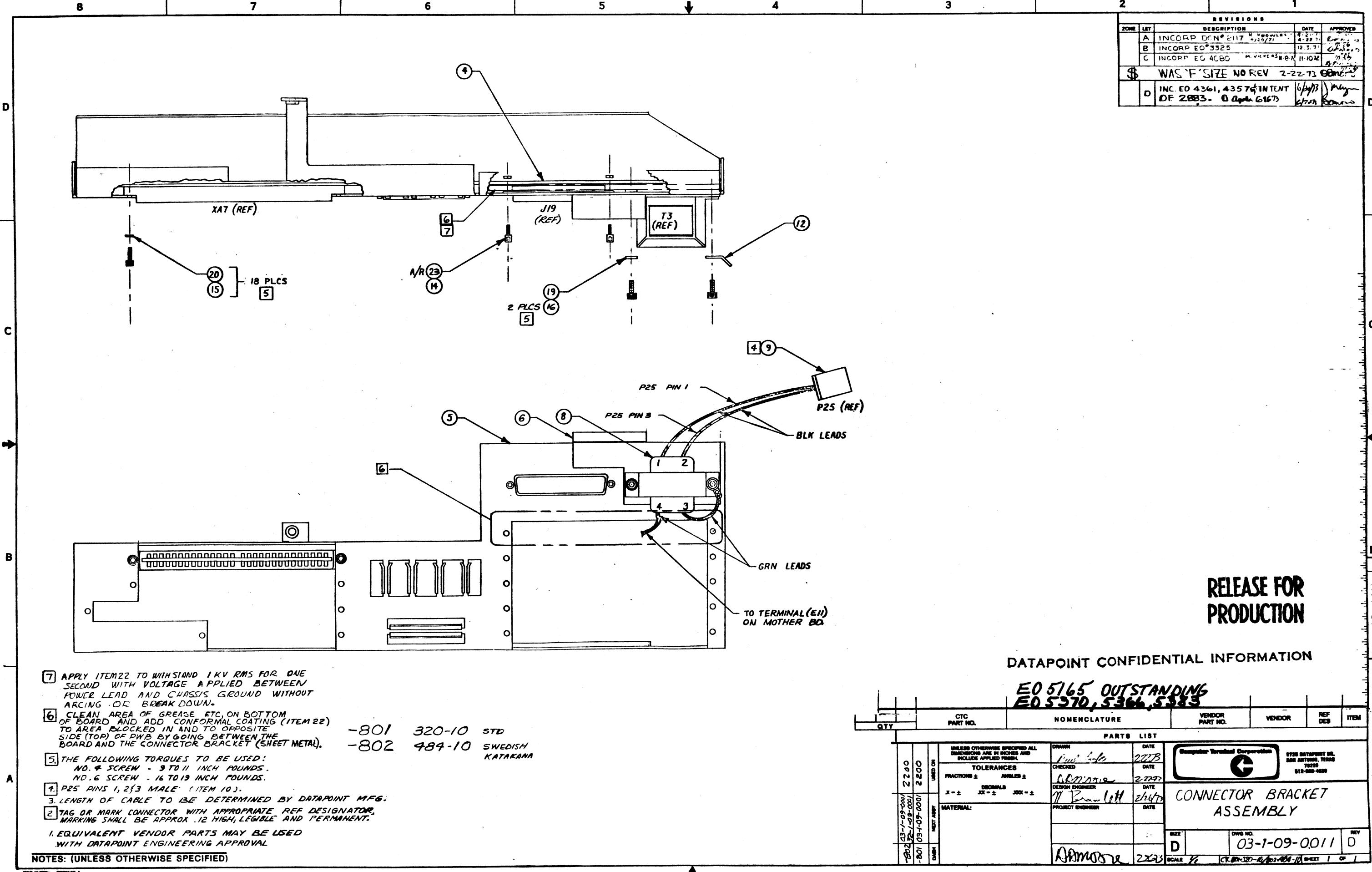
SEE TABULATED REVISION BLOCK

FOR COMMON & UNIQUE PARTS LIST SEE PL-03-1-09-0007

QTY	CTC PART NO.	NOMENCLATURE	VENDOR PART NO.	VENDOR	REF DES	ITEM
		PARTS LIST				
		UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AND INCLUDE APPLIED FINISH.	DRAWN J. PARSONS	DATE 11-11-70	Computer Terminal Corporation  8775 BATAPoint DR. SAN ANTONIO, TEXAS 78228 612-656-4538	
		TOLERANCES FRACTIONS \pm ANGLES \pm	CHECKED <i>(Signature)</i>	DATE 1-28-71		
	USED ON	DECIMALS $X = \pm$ $JX = \pm$ $JDX = \pm$	DESIGN ENGINEER <i>J. Parson</i>	DATE 1-29-71		
		MATERIAL:	PROJECT ENGINEER <i>J.F. Alexander</i>	DATE 1-29-71		
			<i>Joe Cotter</i>	DATE 1-29-71		
-805	11/0201/0299	NEXT ASB				
-804						
-803						
-802						
-801	11/0201/0299					
		DASH				

KEYBOARD BRACKET ASSEMBLY

SIZE D	DWG NO. 03-1-09-0007	REV E
SCALE 	F	SHEET OF 1



RELEASE FOR PRODUCTION

DATAPPOINT CONFIDENTIAL INFORMATION

~~E05165 OUTSTANDING
E05370, 5364, 5383~~

7. APPLY ITEM 22 TO WITHSTAND 1 KV RMS FOR ONE SECOND WITH VOLTAGE APPLIED BETWEEN POWER LEAD AND CHASSIS GROUND WITHOUT ARCING OR BREAK DOWN.

6. CLEAN AREA OF GREASE ETC. ON BOTTOM OF BOARD AND ADD CONFORMAL COATING (ITEM 22) TO AREA BLOCKED IN AND TO OPPOSITE SIDE (TOP) OF PWB BY GOING BETWEEN THE BOARD AND THE CONNECTOR BRACKET (SHEET METAL).

5. THE FOLLOWING TORQUES TO BE USED:
NO. 4 SCREW - 9 TO 11 INCH POUNDS.
NO. 6 SCREW - 16 TO 19 INCH POUNDS.

4. P25 PINS 1, 2 & 3 MALE (ITEM 10).
3. LENGTH OF CABLE TO BE DETERMINED BY DATAPPOINT MFG.

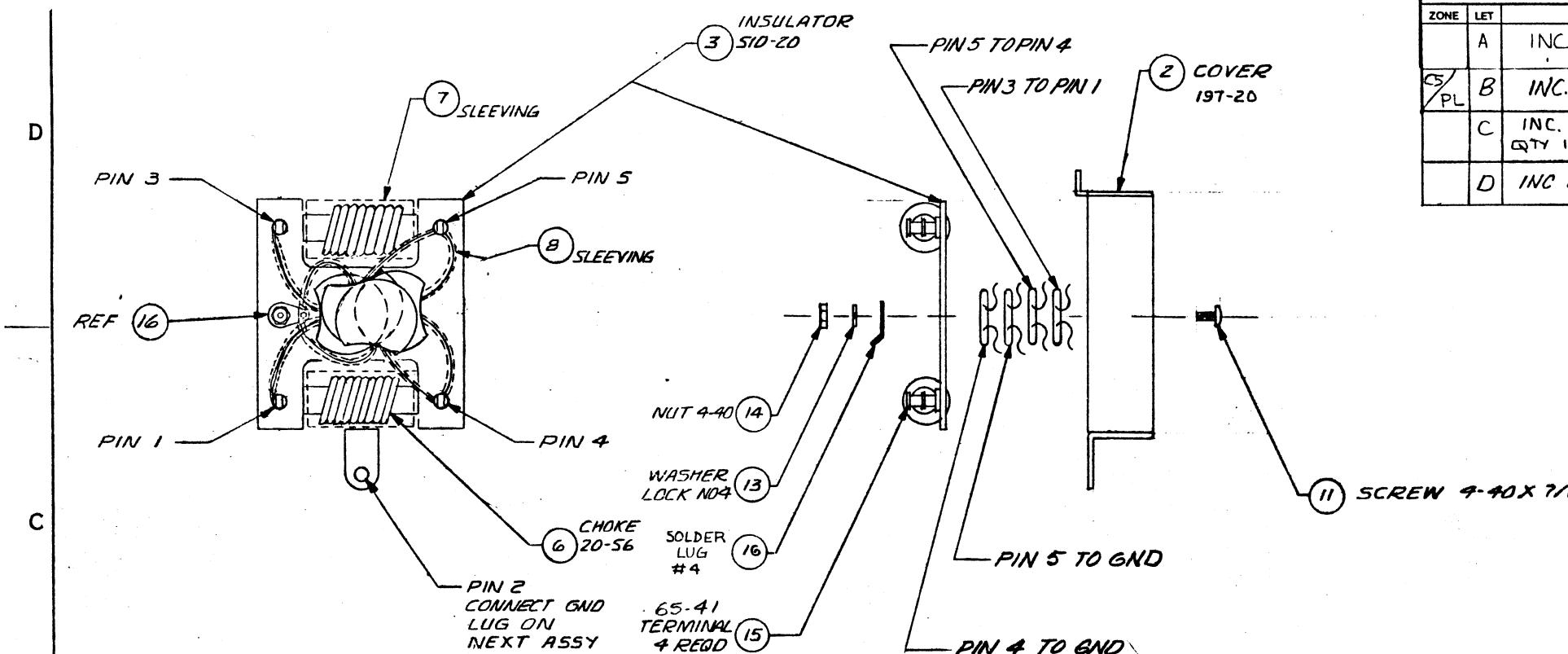
2. TAG OR MARK CONNECTOR WITH APPROPRIATE REF DESIGNATOR. MARKING SHALL BE APPROX .12 HIGH, LEGIBLE AND PERMANENT.

1. EQUIVALENT VENDOR PARTS MAY BE USED WITH DATAPPOINT ENGINEERING APPROVAL

NOTES: (UNLESS OTHERWISE SPECIFIED)

-801 320-10 STD
-802 484-10 SWEDISH
KATANAS

REVISIONS				
ZONE	LET	DESCRIPTION	DATE	APPROVED
	A	INC EO 3853 THArens 6-8-72 62272	6-26-72	J. A.
CS/PL	B	INC. E.O. #3853 D. Main 8/11/72 8-72	8/11/72	H. O.
	C	INC. EO 3983 (DELETED 17, QTY ITEM 5 WAS 2) Oyala 6/18/73 6/18/73	6/18/73	J. M.
	D	INC EO 5106 D. Oyala 3-10-74 3-10-74	3-10-74	J. M.



PIN 5 TO PIN 4
PIN 3 TO PIN 1
COVER 197-20
INSULATOR 510-20
SLEEVING 7
SLEEVING 9
PIN 3
PIN 5
REF 16
NUT 4-40 14
WASHER LOCK NO4 13
CHOKE 20-56 6
SOLDER LUG #4 16
PIN 2 CONNECT GND LUG ON NEXT ASSY
65-41 TERMINAL 4 REQD 15
PIN 5 TO GND
PIN 4 TO GND
SCREW 4-40X 7/16

-801

DATAPOINT CONFIDENTIAL INFORMATION

FOR PARTS LIST SEE P/L 03-1-09-0016

QTY	CTC PART NO.	NOMENCLATURE	VENDOR PART NO.	VENDOR	REF DES	ITEM	REV'D
2200	03-1-09-0016	NEXT ASSY	DASH	DRAWN	1/18/72	Computer Terminal Corporation 8725 DATAPORT DR. SAN ANTONIO, TEXAS 78229 512-599-4529	A
				CHECKED	1-26-72		
				DESIGN ENGINEER	1-26-72		
				PROJECT ENGINEER	1-31-72		
FILTER ASSY, RFI							
SIZE	P10 MODEL	DWG NO.				REV	
C	2200-102	03-1-09-0016				D	
SCALE	1"	KTC P/N 413-10	SHEET 1 OF 1				

A

1. CAPACITORS MUST BE ASSEMBLED TO PREVENT OPPOSITE POLARITIES ADJACENT EACH OTHER. CARE MUST BE TAKEN TO ENSURE CAPACITOR LEAD ORIENTATION DOES NOT VARY WITHIN ONE FILTER ASSEMBLY.

NOTES: (UNLESS OTHERWISE SPECIFIED)

8

7

6

5

4

D

REVISED TABLE		
-202 456-1045E-1	C	ENG APPROVED
C	C	4080
D		3907
E	D	4205
F	E	4356

REVISIONS			
ZONE	LET	DESCRIPTION	DATE
A	INC EO 2929	1/14/72	2/2/72
B	INC EO 3427	1/12/72	2/2/72
C	INC EO 4080	1/14/72	1/14/72
D	MFG ONLY EO 4205, 3907 ADDED SHZ ON \$ PROGRAM	2/2/72	2/2/72
E	INC EO 4356, 4360 DFTG. ONLY D. Agate 6/14/73	6/14/73	6/14/73

- 9 SHT. 2 DWG. ZONE C6, CLEAN AREAS WITHIN DASHED LINES.
REMOVE EXCESS SILICONE GREASE AT TO-3 MTG.
CONFORMAL COAT USING ITEM 62 (SPECIAL CARE
AT Q13 AND ADJACENT WEB) THE THICKNESS OF
THE COATING WILL BE SUFFICIENT TO WITHSTAND
1KVRMS FOR 1 SEC. WITH VOLTAGE APPLIED BETWEEN EITHER
POWER LEAD AND CHASSIS GROUNDS, WITHOUT ARCING OR BREAKDOWN.

8 SEE SHEET 1 OF PARTS LIST

7 THE FOLLOWING TORQUES SHALL BE USED

NO. 4 SCREW 9-11 IN LBS
NO. 6 SCREW 16-19 IN LBS

6 REF WIRING TABLE

5 J24 PIN 1 FEMALE (ITEM 48) PINS 2, 3 MALE (ITEM 27)
J26 PIN 2 MALE (ITEM 27) PINS 1, 3 FEMALE (ITEM 48)
J25 PINS 1, 2 & 3 FEMALE (ITEM 48)

4 TAG OR MARK CONNECTOR WITH APPROPRIATE REF DESIGNATOR.
MARKING SHALL BE APPROX .12 HIGH, LEGIBLE AND PERMANENT

3 ITEMS 216-22 TERMINAL END CATHODE
ITEMS 23, 24 & 25 TERMINAL END ANODE

2 APPLY THERMAL JOINT COMPOUND(ITEM 50) BETWEEN TRANSISTOR, DIODES & SWITCH WHICH ARE MOUNTED TO HEATSINK

1 EQUIVALENT VENDOR PARTS MAY BE USED WITH CTC ENGINEERING APPROVAL

NOTES: (UNLESS OTHERWISE SPECIFIED)

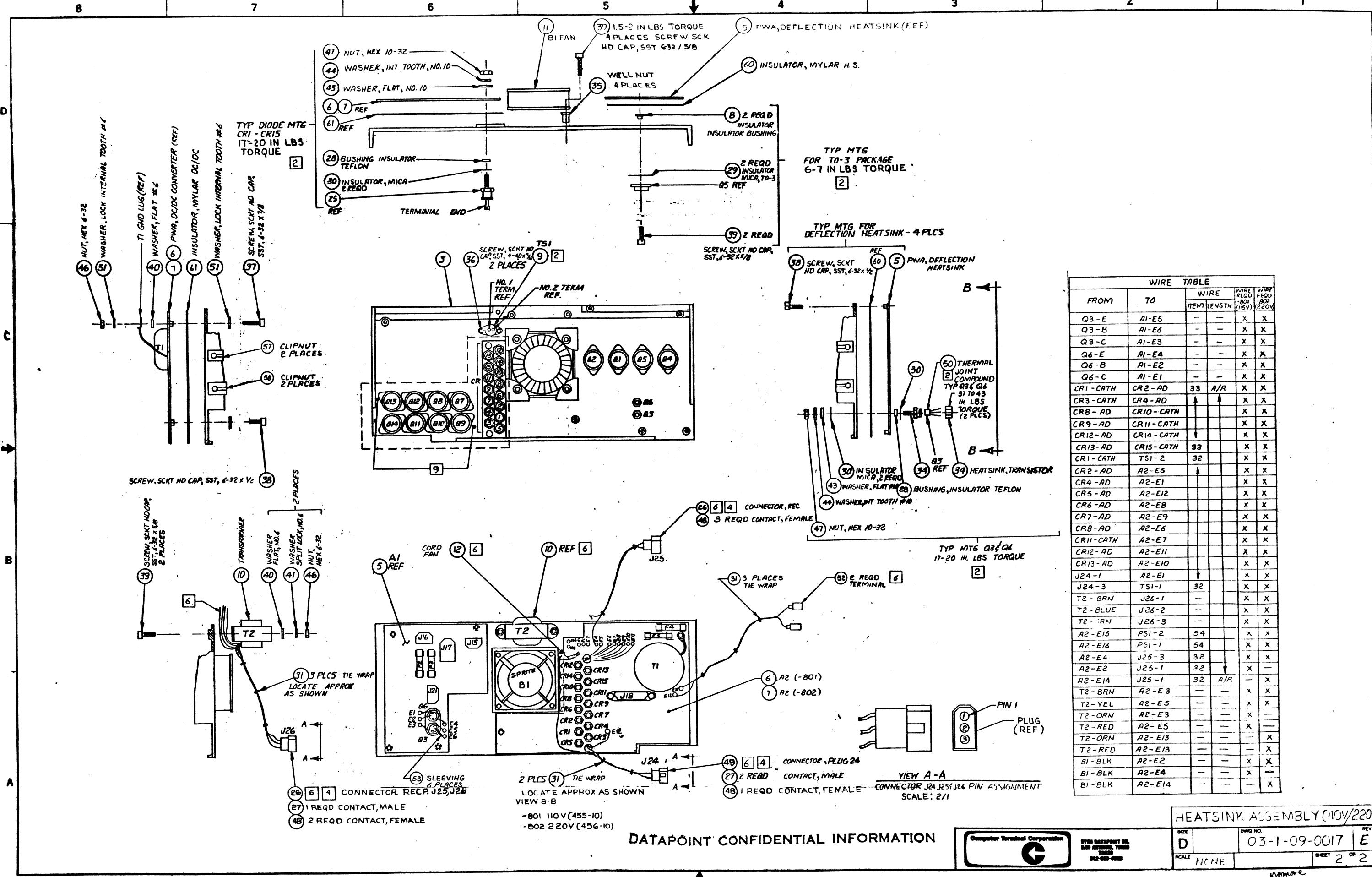
DATAPORT CONFIDENTIAL INFORMATION

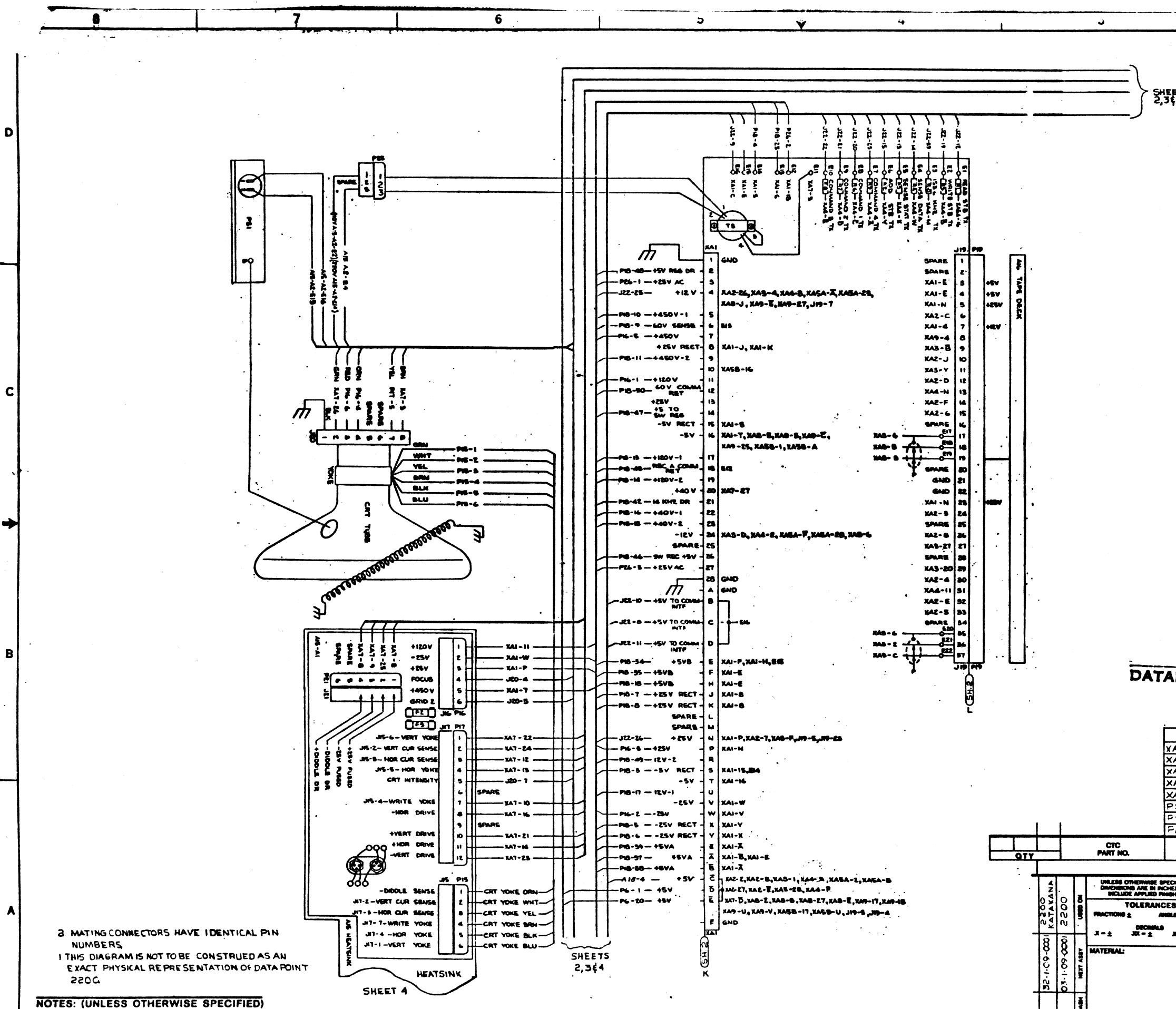
EO 5141 OUTSTANDING
EO 5175, 5177, 5301, 5435, 5470

QTY	CTC PART NO.	NOMENCLATURE	VENDOR PART NO.	VENDOR	REF DES	ITEM																					
PARTS LIST																											
<p>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AND INCLUDE APPLIED FINISH.</p> <table border="1"> <tr> <td>202</td> <td>03-1090001</td> <td>2200</td> <td>2200</td> <td>2200</td> <td>2200</td> <td>2200</td> </tr> <tr> <td>201</td> <td>03-1090001</td> <td>NET ASY</td> <td>NET ASY</td> <td>NET ASY</td> <td>NET ASY</td> <td>NET ASY</td> </tr> <tr> <td>DASH</td> <td></td> <td>USED</td> <td>USED</td> <td>USED</td> <td>USED</td> <td>USED</td> </tr> </table> <p>TOLERANCES FRACTIONS \pm DEIMALS \pm ANGLES \pm $X = \pm$ $XX = \pm$ $XXX = \pm$</p> <p>DESIGN ENGINEER: <i>John Moore</i> DATE: <i>2/2/73</i> PROJECT ENGINEER: <i>John Moore</i> DATE: <i>2/2/73</i></p> <p>MATERIAL:</p> <p>SIZE: D DWG NO: 03-1-09-0017 REV: E</p> <p>SCALE: <i>1/1000</i> SHEET 1 OF 1</p>							202	03-1090001	2200	2200	2200	2200	2200	201	03-1090001	NET ASY	DASH		USED	USED	USED	USED	USED				
202	03-1090001	2200	2200	2200	2200	2200																					
201	03-1090001	NET ASY	NET ASY	NET ASY	NET ASY	NET ASY																					
DASH		USED	USED	USED	USED	USED																					

Computer Terminal Corporation
8725 DATAPORT DR.
SAN ANTONIO, TEXAS
78229
512-446-6320

HEATSINK ASSEMBLY
(110V/220V)





ZONE	LOT	DESCRIPTION	DATE	APPROVED
SH4	A	INCORPEO 2919	8-10-71	9-7-71
	B	INCORPEO 3266 K KNOWLES 7-17-72	8-12-72	9-14-72
	C	INCORPEO 2613 E EO 2822	8-12-72	9-5-72
	D	INCORPEO 3517	6-22-72	6-22-72
	E	INCORPEO 3517 G SMITH 7-23-72	7-20-72	7-13-72
DG SH4	F	INCORPEO 2883 E 2869 XA8-6, XA9-3, XA2-25, XA4-17 RE DRAWN FROM J TO D	8-24-72	Oct 1972
	G	INC EO 4375, REVISED 110Y, ADDED CB2 D angle 6/18/72	6/18/72	May 6/18/72

DATAPPOINT CONFIDENTIAL INFORMATION

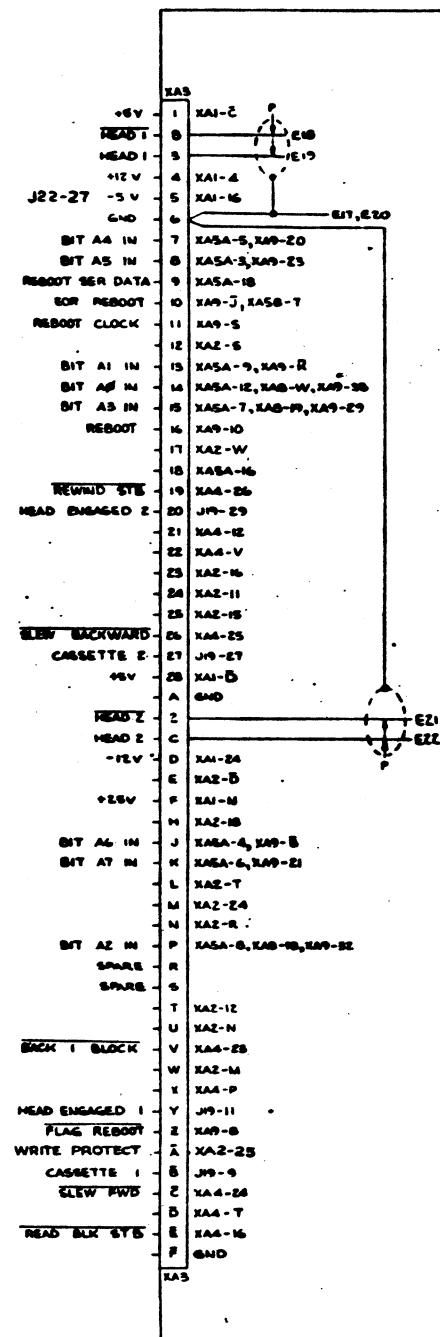
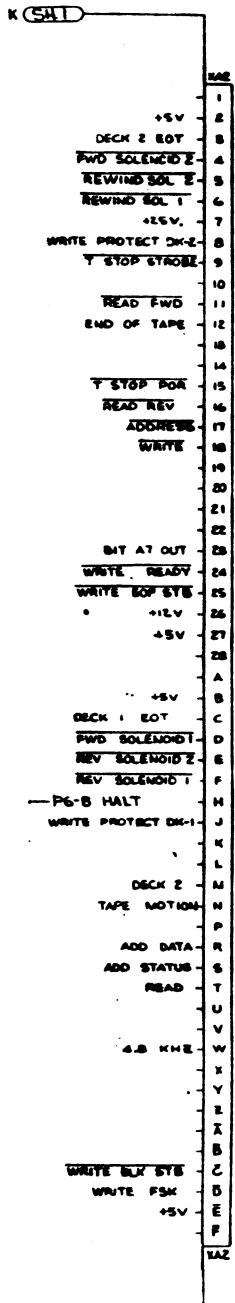
SHEET		
XA2	"	C
XA3	"	C
XA4	"	C
XA5A&E	"	C
XA7	"	C
P:8	"	C
P:6	"	C
P22	"	C

E05255, 5265 OUTSTANDING

QTY	CTC PART NO.	NOMENCLATURE	VENDOR PART NO.	VENDOR	REF DES	ITEM	
PARTS LIST							
2200 KATAYANA	2200 USED ON	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AND INCLUDE APPLIED FINISH	DRAWN <i>J. COCK</i>	DATE 2-14-73	 <p>Computer Terminal Corporation 8725 DATAPORT DR. SAN ANTONIO, TEXAS 78223 512-360-0200</p>		
2200 03-1-C9-0001	2200 03-1-09-0001 NEXT ASBY	TOLERANCES FRACTIONS \pm ANGLES \pm DECIMALS \pm DECIMALS \pm	CHECKED <i>R. Morris</i>	DATE 2-27-73			
		MATERIAL:	DESIGN ENGINEER <i>J. COCK</i>	DATE 2-14-73	<h3>SYSTEM WIRING DIAGRAM DATAPPOINT 2200</h3>		
			PROJECT ENGINEER <i>R. Morris</i>	DATE 2-27-73			
					SIZE D	DRAW NO. 03-1-17-0001	REV G
					SCALE NO. E		SHEET 1 OF 4

D

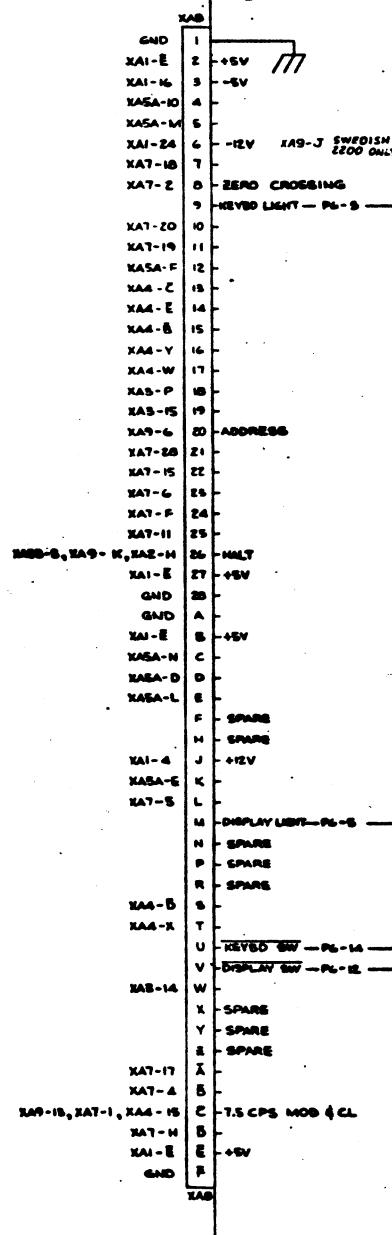
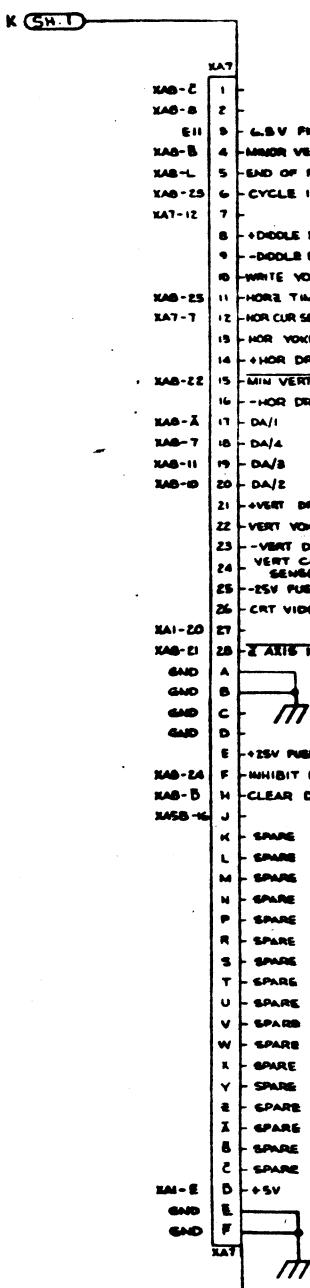
D



8 | 7 | 6 | 5 | ↓ | 4 | 3 | 2 | 1

D

1



P17	SHEET	I
J19	"	1
J20	"	1
P21	"	1
J22	"	4
XA1	"	1
XA2	"	2
XA3	"	2
XA4	"	2
XA5	"	2
XA7	"	3
XA8	"	3
PG	"	4



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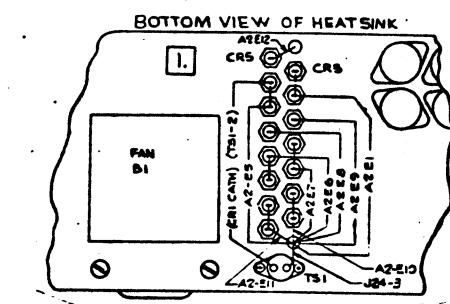
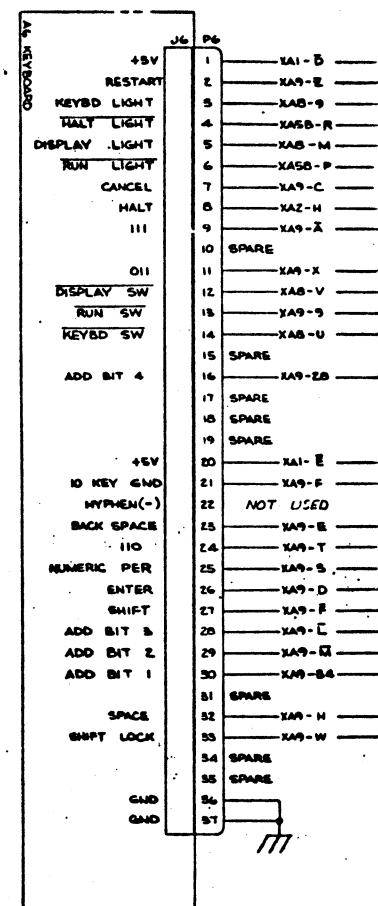
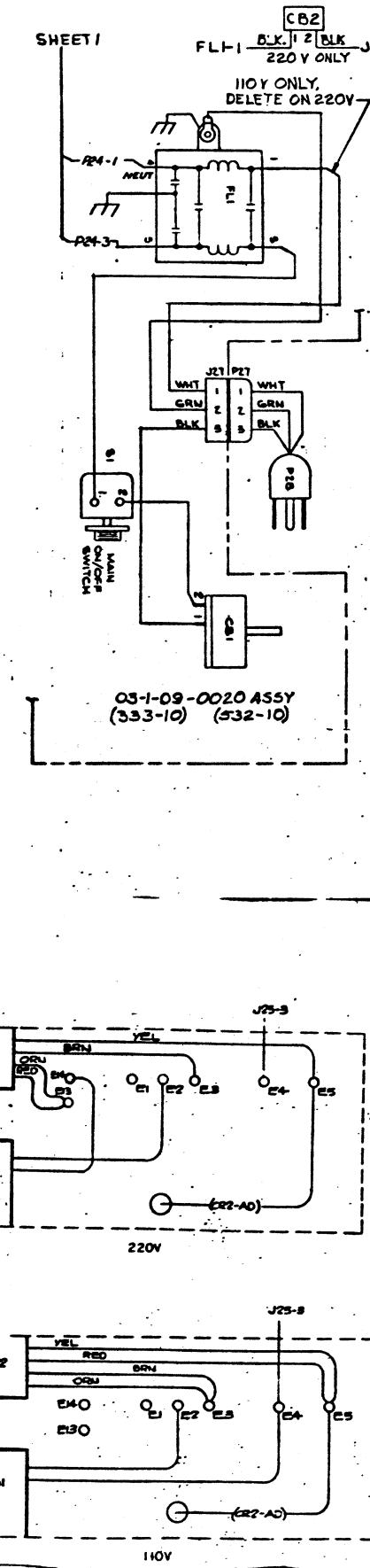
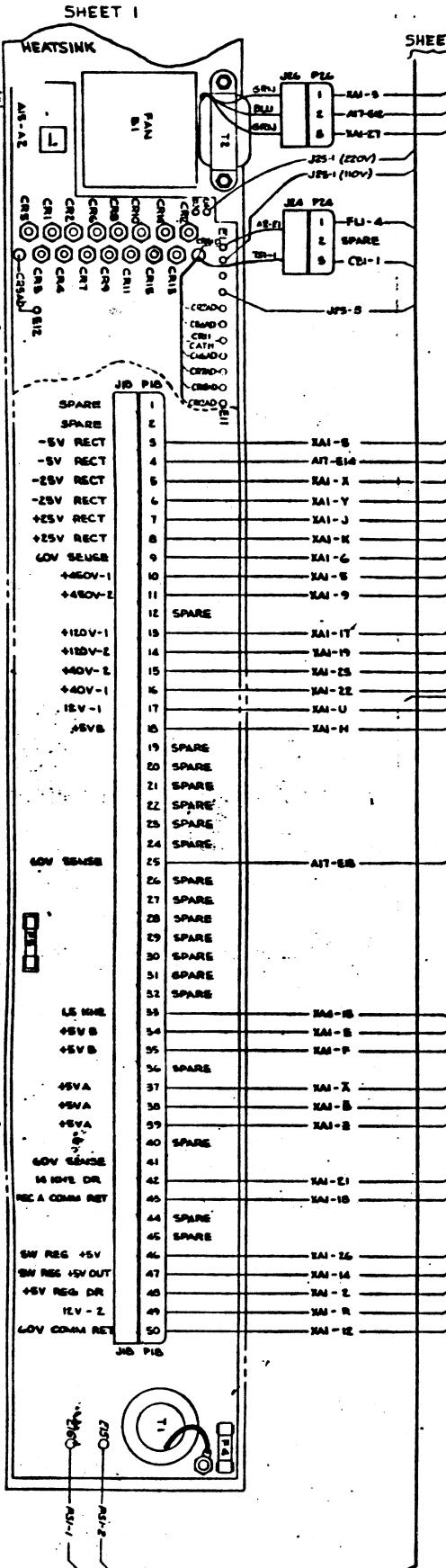
1 NO

03

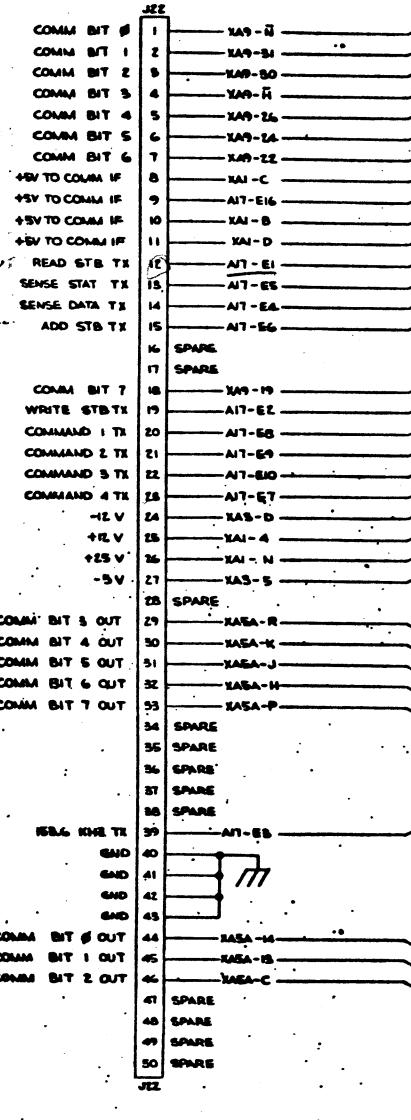
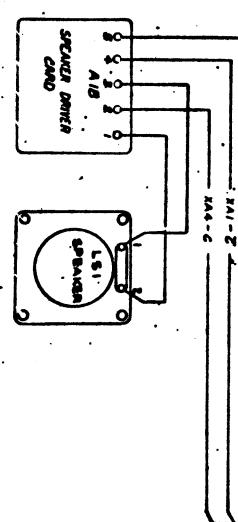
03-1

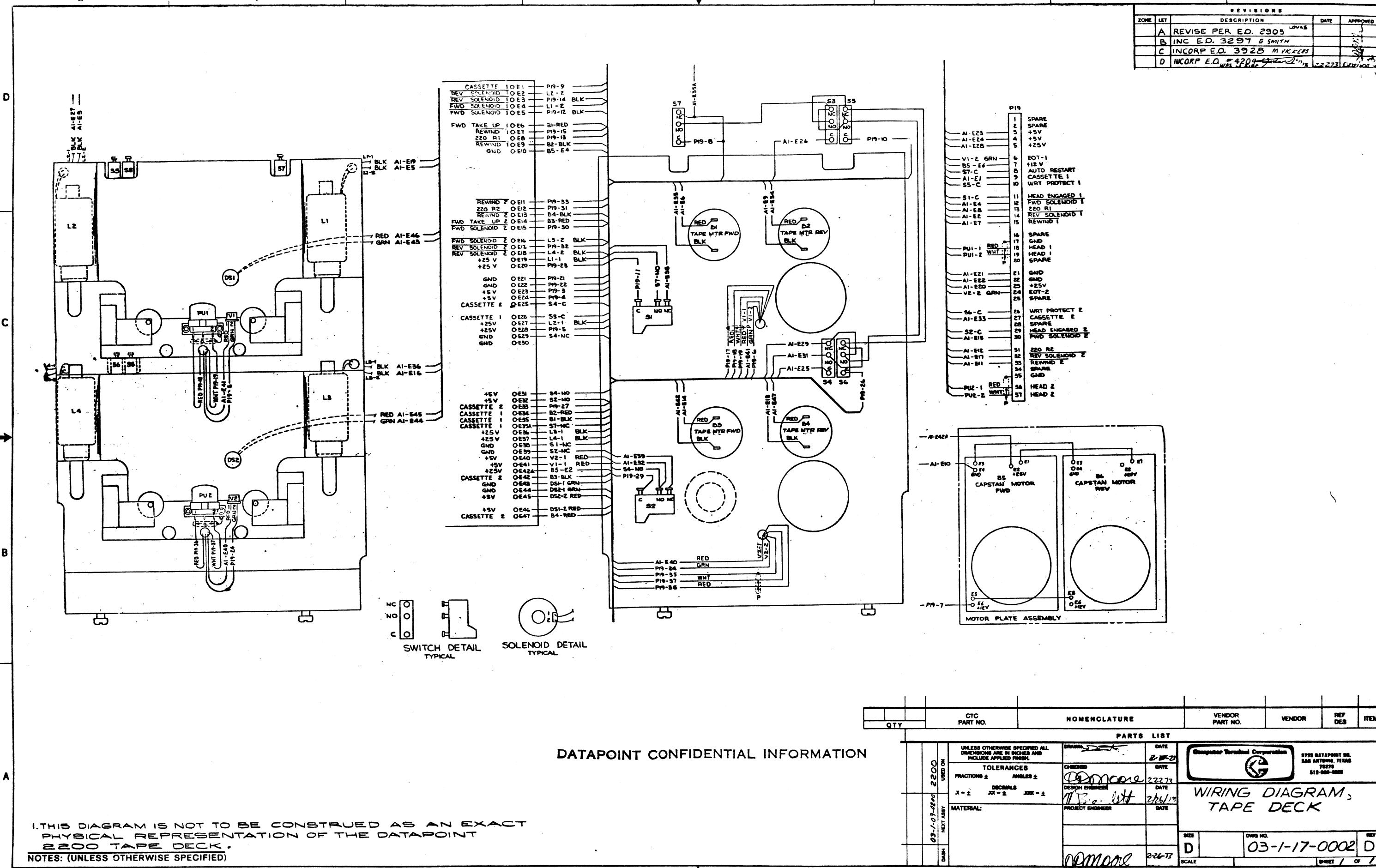
D 03-1-17-0001 G
SCALE NONE DRAFT 3 - 4

A 17

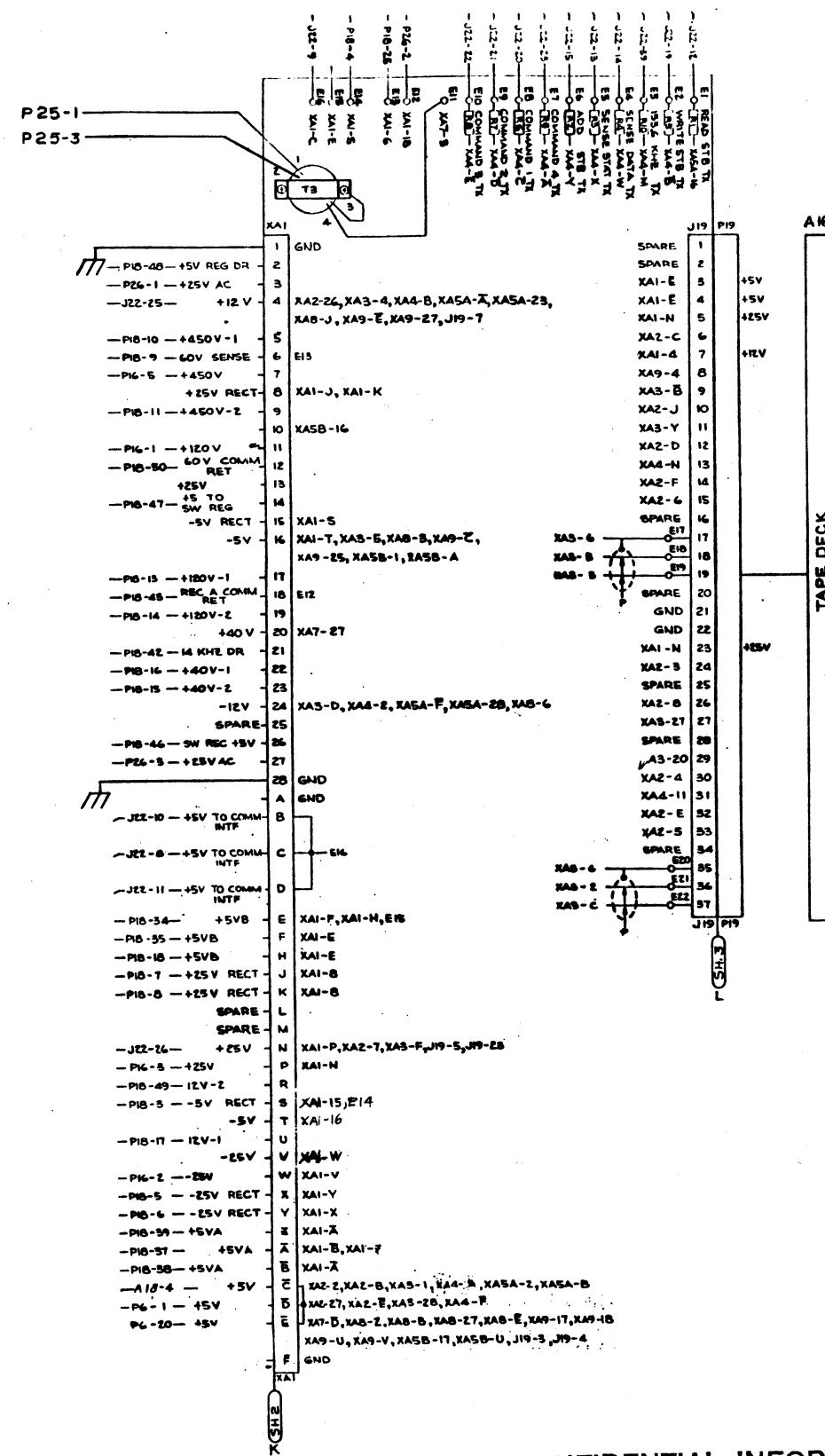


XAI	SHEET	I
XA2	"	2
XA3	"	2
XA4	F	2
XA5	O	2
A17	"	2



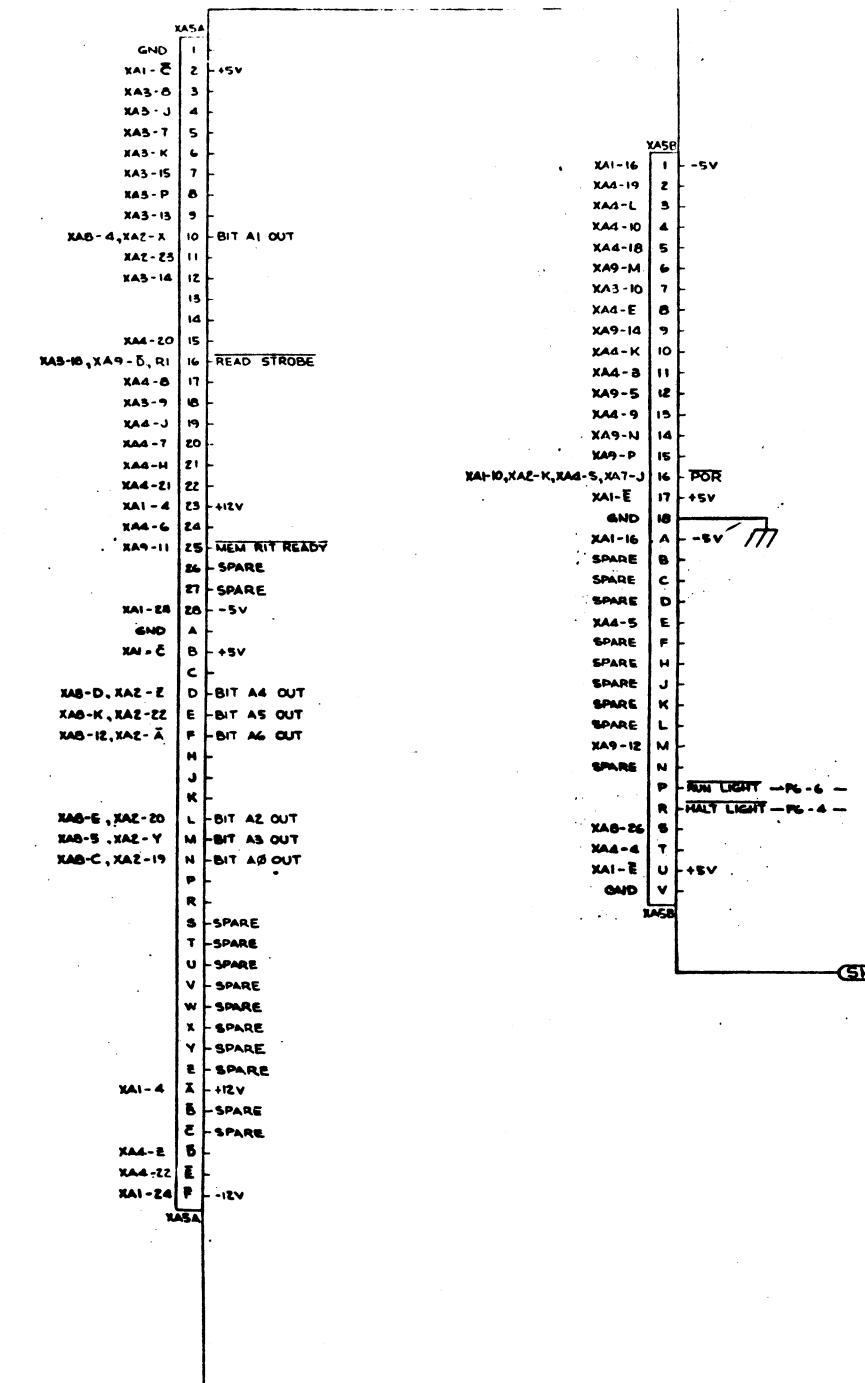
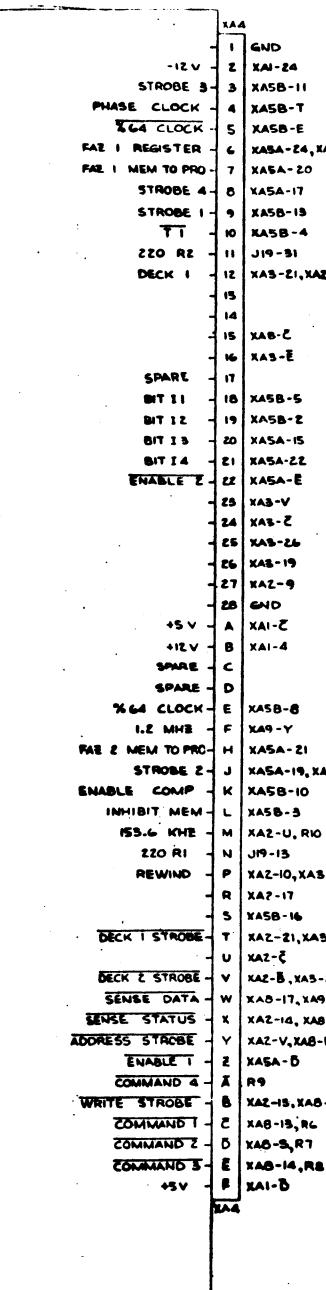
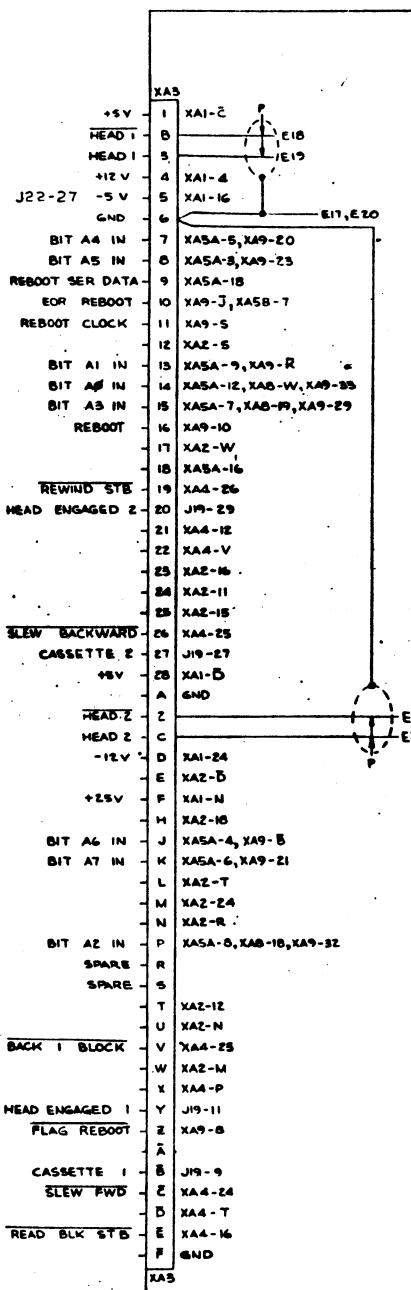
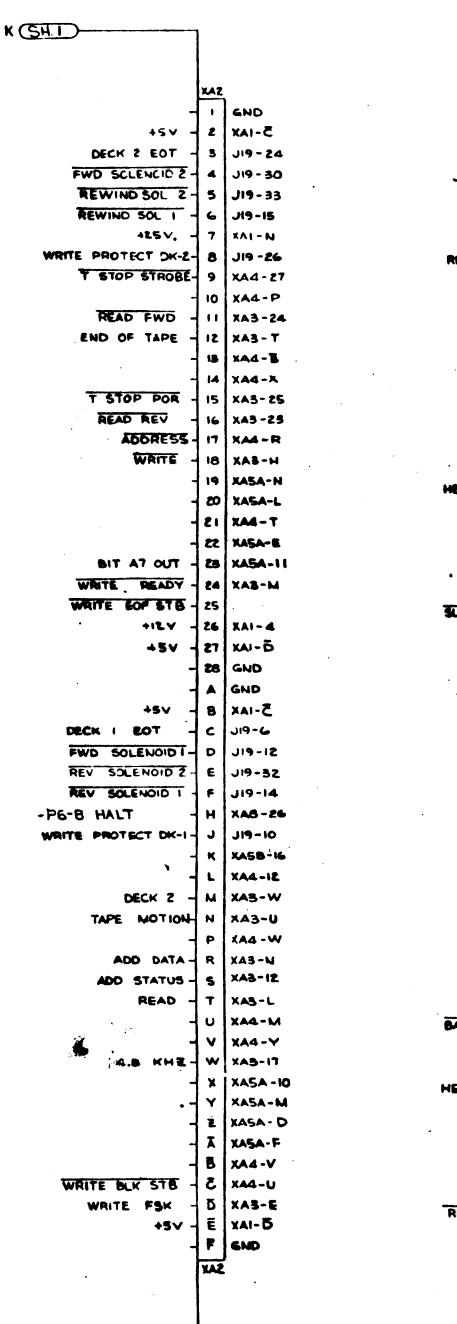


REVISIONS			
ZONE	LET	DESCRIPTION	DATE
A	I	INC EO 3286 K.KNOWLES 2-7-77	2-7-77
B	I	INCORP EO 2889 & 2863 2-22-73 WAS J REDRAWN TO D BY Lark 2-24-73	2-24-73



D

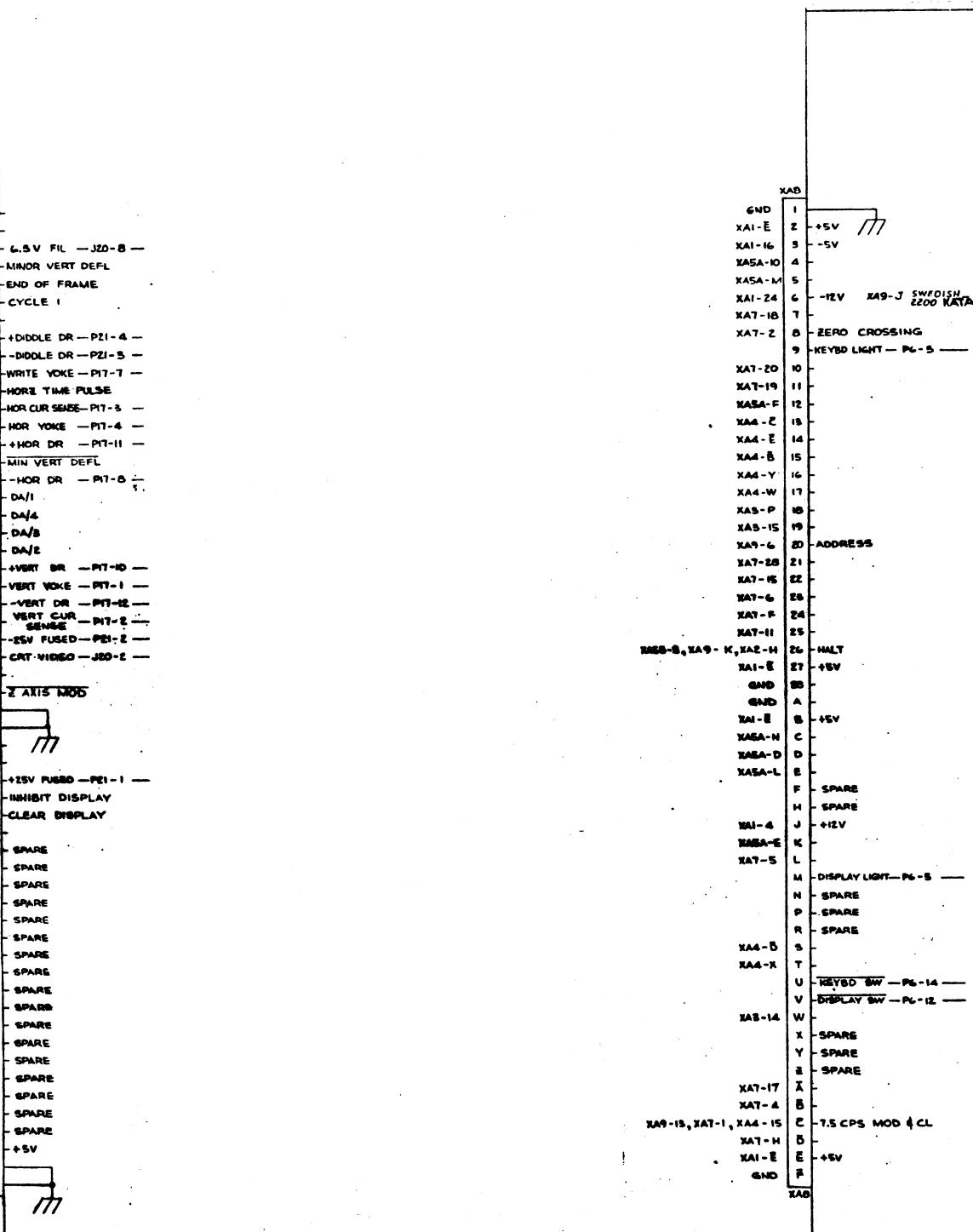
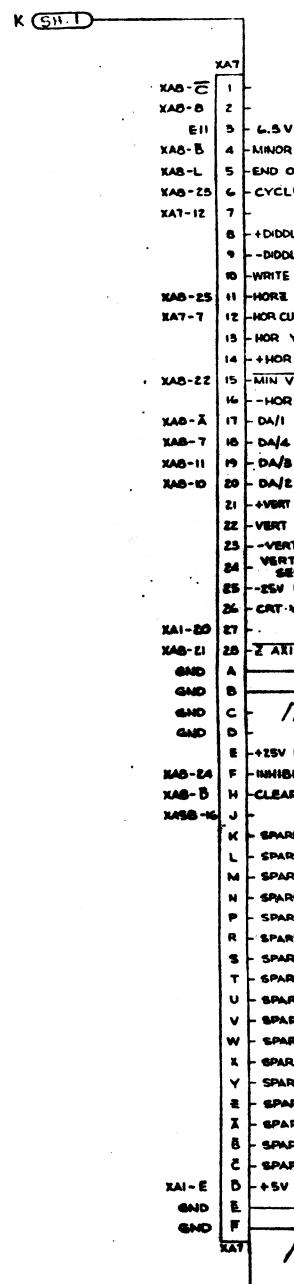
D



7 | 6

□

D



X49	
GND	1
GND	2
	3 - NUMERIC PER —P6-25 —
I9-B	4 AUTO RESTART
A5B-12	5 REBOOT POR
A5-E	6
A4 W	7
A5-Z	8
	9 RUN SW — P6-15 —
A3-16	10
ASA-25	11
A5B-M	12 WORD SELECT
A5-Z	13
A5B-9	14 RUN SWITCH GATED
A4-Y	15
A4-X	16
A1-E	17 +5V
A1-E	18 +5V
	19 COMM BIT 7 —J22-18 —
A3-T	20
A3-K	21
	22 COMM BIT 6 —J22-7 —
A3-B	23
	24 COMM BIT 5 —J22-6 —
AI-16	25 -5V
	26 COMM BIT 4 —J22-5 —
AI-4	27 +12V
	28 ADD BIT 4 —P6-16 —
A5-15	29
	30 COMM BIT 2 —J22-5 —
	31 COMM BIT 1 —J22-2 —
A5-P	32
A5-14	33
	34 ADD BIT 1 —P6-20 —
GND	35
GND	36
GND A	
GND B	
C	CANCEL —P6-7 —
D	ENTER —P6-26 —
E	BACK SPACE —P6-25 —
F	10 KEY GND —P6-21 —
H	SPACE —P6-32 —
J	-12K TAB-6 SWEDISH 2200 KATAKANA
K	
A5-26	
A4-J	L
A5B-6	M INCREMENT P
A5B-14	N END REBOOT
A5B-15	P RESET P
A4-6	R
A5-11	S
	T 110 —P6-24 —
AI-E	U +5V
AI-E	V +5V
	W SHIFT LOCK —P6-35 —
	X OII —P6-11 —
A4-F	Y
	Z RESTART —P6-2 —
	A 111 —P6-9 —
A3-J	B
AI-16	C -5V
ASA-16	D
AI-4	E +12V
	F SHIFT —P6-27 —
	H COMM BIT 3 —J22-4 —
A5-10	J
A5-18	R
	E ADD BIT 8 —P6-28 —
	H ADD BIT 2 —P6-29 —
	I COMM BIT 5 —J22-1 —
GND	R
GND	R

03-1-17-004

DATAPPOINT CONFIDENTIAL INFORMATION



**8725 DATAPORT DR.
SAN ANTONIO, TEXAS
78229**

MOTHER BOARD

A17

NAME D	DRAWING NO. 03-1-17-0024	REV B
SCALE NONE	SHEET 3	OF 3

REVISIONS			
ZONE	REV	DESCRIPTION	DATE APPROVED
A	A	REDRAWN E INC EO 3280-3397, 4-22-25 K.Knowles 10/13/71	10/13/71
B	B	INC EO#3325 E 3455 J.Williams 12-9-71	12-9-71
C	C	INC EO 3462 M. H. d 1-27-72	1-27-72
D	D	INC EO 3467 EO 3-27 M. H. d 1-27-72	1-27-72
E4	E	INC EO 2801 M. H. d 1-27-72	1-27-72
F	F	INC EO 3280 K. Knowles 3/10/72	3/10/72
G	G	INC EO 2811 K. Knowles 3/10/72	3/10/72
H	H	EO 3622 PRODUCTION 3/10/72	3/10/72
I-6	J	INC EO 3249 J.Schmitt 3-20-72	3-20-72
K	K	INC EO 3300 R. Maunder 4-12-72	4-12-72
L	L	INCORP EO 3723 VICKERS 7-19-72	7-19-72
M	M	INCORP EO 3837 VICKERS 7-19-72	7-19-72
N	N	INCORP EO 3928 VICKERS 1-18-72	1-18-72
P	P	INCORP EO 3953 VICKERS 7-19-72	7-19-72
R	R	INCORP EO 3842 VICKERS 7-25-72	7-25-72
S	S	INCORP EO 4033 7-25-72 9-7-72	9-7-72
T	T	INCORP EO 4204 7-25-72 9-7-73	9-7-73
U	U	INCORP EO 4202 7-25-72 9-7-73	9-7-73
\$ WAS F SITE ADOPT REV S,T,U 2-27-72			
V	V	INC EO 4310 DRAIL A 3-18-73	3-18-73
W	W	INC EO 5027 D. Oyle 10/1-73	10/1-73

- 23 CHECK FOR PROPER FUNCTIONING OF END OF TAPE SENSOR USING A CASSETTE.
- 22 SET TAPE SPEED TO 12,000 Hz \pm 250 Hz USING CTC MODEL NO. 2200-158.
- 21 CHECK HEAD AZIMUTH WITH CTC MODEL NO. 2200-158 REPLACE IF OUT OF TOL, AND RECHECK PER NOTE #18.
- 20 ADJUST FRONT CLIPS (ITEM 59) TO JUST TOUCH TOOL #7 WITH HEAD (ITEM 68) DISENGAGED.
- 19 CHECK HEAD (ITEM 68) ALIGNMENT WITH CTC MODEL NO. 2200-159. FOR PERPENDICULARITY, TAPE GUIDE HEIGHT AND INSERTION DEPTH PER ITEM 116. REPLACE IF OUT OF TOL. (NEVER SHIM FRONT LOCATORS).
- 18 ADJUST CASSETTE SENSING SWITCHES (ITEM 62) FOR APPROPRIATE FUNCTIONING USING TOOL #6. ADJUST HEAD ENGAGED SWITCHES (ITEMS 63 & 64) WITH TOOL #6.
- 17 ADJUST PINCH ROLLER TO CAPSTAN, GAP TO .018 BY BENDING ACTUATOR (ITEM 24).
- 16 PRESS PIN (ITEM 17) INTO SLIDE PLATE (ITEM 18) AND ALLOW .469 PROTRUSION FROM BOTTOM.
- 15 LOCATION AND QUANTITY OF ADHESIVE CLIP (ITEM 100) IS TO BE DETERMINED AT ASSEMBLY.
- 14 THIS FASTENER IS NOT TO HAVE THE LOCTITE APPLIED (4 PLACES).
- 13 SECURE INSULATOR (ITEM 95) TO SHIELD (ITEM 94) WITH GLUE (ITEM 97).
- 12 APPLY GREASE (ITEM 12) TO AREA AROUND BALL BEARING (ITEM 11) 8 PLACES.
- 11 WHEN SOLENOID IS ENERGIZED FULLY, THERE SHOULD BE .125^{.015} BETWEEN TIP (ITEM 43) AND SOLENOID (ITEM 42).
- 10 REINSTALL MODIFIED PLUNGER ASSY INTO SOLENOID.
- 9 ALIGN HOLE IN BASE, PINCH ROLLER (ITEM 20) WITH HOLE IN HOLDER, PINCH ROLLER (ITEM 21) AND PRESS PIN (ITEM 22) THROUGH TO FLUSH ON TOP.
- 8 ALIGN HOLE IN PINCH ROLLER (ITEM 23) WITH HOLE IN HOLDER (ITEM 21) AND PRESSPIN (ITEM 52) INTO BOTH, PIN WILL BE FLUSH ON TOP.
- 7 ATTACH PHOTO CELL (ITEM 14) TO BRACKET (ITEM 15) WITH EASTMAN 910 (ITEM 106).
- 6 SOLDER WIRE - RED & GREEN (ITEMS 39 & 40) TO THE TWO LEADS ON THE LAMP (ITEM 37). SLEEVE THE RED WIRE WITH ITEM 38, THEN CENTER LAMP IN HOLE OF LOCATOR FORWARD/LIGHT SOURCE (ITEM 5). SECURE WITH ROUND TOOTHPICK (ITEM 105). SECURE BOTH WITH RTV 108 (ITEM 104).
- 5 SECURE SHIELD -1 & -2 (ITEM 25 & 26) WITH CLAMP (ITEM 29).
- 4 SECURE PULLEY (ITEM 27) TO MOTOR SHAFT WITH LOCTITE PRIMER NF (ITEM 98) & MINUTE BOND (ITEM 99). THERE SHOULD BE .125 \pm .005 BETWEEN MOTOR MOUNT PLATE (ITEM 30) & PULLEY (ITEM 27).
- 3 FINAL ADJUSTMENT OF TAPE HEAD (ITEM 68) TO BE MADE AT THIS ASSY (03-1-09-0200, ITEM 1).
- 2 PRESS FIT BEARING (ITEM 33) INTO PLATE (ITEM 30) USING SMALL AMOUNT OF LOCTITE PRIMER NF & MINUTE BOND (ITEM 98 & 99). CHECK TO ASSURE THE TOP SURFACE OF THE BEARING IS PARALLEL TO THE PLATE.
- ALL FASTENERS TO BE SECURED WITH LOCTITE PRIMER NF & MINUTE BOND (ITEM 98 & 99).
- NOTES: (UNLESS OTHERWISE SPECIFIED)
- 37 CAUTION, WASHER (519-20), ITEM 109 MUST HAVE SUFFICIENT OIL TO AVOID WICKING OIL FROM THE CAPSTAN BEARING (131-42), BUT OIL FROM THE FELT WASHER MUST NOT DRAIN TO THE TAPE OPERATING AREA.
- 38 BEND LARGE LOOP END OF TOGGLE SPRING (ITEM 35), TO CLEAR CAPSTAN HOUSING (ITEM 8). CRIMP BOTH SMALL LOODED ENDS OVER DRIVE PINS (ITEM 17, 4 PLACES) TO PREVENT LOSS OF SPRING.
- 39 USE TOOL #8 WITH TOOL #2 (TUBES) TO LOCATE CAPSTAN HOUSINGS WITH RESPECT TO TAPE DECK (ITEM 3).
- 40 USE TOOL #8 & TORQUE 4-40 SCREWS (ITEM 80) TO 5.8 IN. LBS.
- 41 PLACE TOOL #4 OVER FORWARD LOCATORS (ITEM 4 & 5), TORQUE 4-40 SCREWS (ITEM 76) TO 3 IN. LBS.
- 42 APPLY A FILLET OF PLIO-BOND (ITEM 97), ALONG EACH SIDE OF SOLENOIDS (ITEM 42) & TAPE DECK MOLDED (ITEM 3).
- 43 LOCATE SPLIT PIN, SPRING (ITEM 71) AWAY FROM SLIDE PLATE (ITEM 18).
- 44 ALIGN HOLE IN LOCATOR FORWARD/LIGHT SOURCE (ITEM 5) TO FACE PHOTO-CELL (ITEM 14) SQUARELY. SWAGE LOCATOR FORWARD (ITEMS 4 & 5) & LOCATOR REAR (ITEM 6) WITH P-31 PRESS, FAR SIDE (8 PLACES).
- 45 CHECK RUNOUT OF FLYWHEEL CAPSTAN ASSY (ITEM 8) BEFORE ASSY WITH BUCKET ENGINEERING RUNOUT TESTER. SCRAP ALL PARTS WHICH ARE OVER .0007" RUNOUT.
- 46 LUBRICATE THE HOLDER, PINCH ROLLER (ITEM 21) TOP & BOTTOM (ADJACENT TO .063 DIA. HOLE) WITH GREASE (ITEM 12) TO PREVENT BINDING WITH BASE, PINCH ROLLER (ITEM 20) 4 PLACES.
- 47 SOAK BRONZE BEARING (ITEM 10) OVERNIGHT IN SHELL SAE-20 MOTOR OIL. DRAIN EXCESS OIL ON PAPER TOWELS FOR 8 HOURS MINIMUM. PRESS BEARING INTO HOUSING CAPSTAN (ITEM 9) WITH P-1 ARBOR PRESS. BURNISH ASSY WITH TII-D AND A SPIRALLY GROOVED CAPSTAN TO SIZE BEARINGS. SEE CAUTION NOTE 37.
- 48 ALL TOOL NUMBERS (P AND T) ARE COMPUTER TERMINAL CORPORATION TOOL NUMBERS.
- 49 CHECK SPINDLE SLIP BY STRAIGHT 6 LB. PULL TEST. IF SPINDLE SLIPS REMOVE AND REPLACE WITH NEW THREAD, ITEM 107.
- 50 CLAMP BOTH GUIDE SLIDE PLATES (ITEM 48) WITH TOOL #19. TAP EACH SIDE TO CENTER THE SLIDE PLATE. TIGHTEN 4-40 x 1/2 SCREWS (ITEM 74) 4 PLACES TO 10 IN. LBS. TORQUE. ENGAGE BOTH SOLENOIDS TO CHECK FOR SLIDE PLATE COCKING. RE-ADJUST SLIDE PLATE GUIDES IF NECESSARY.

DATAPORT CONFIDENTIAL INFORMATION

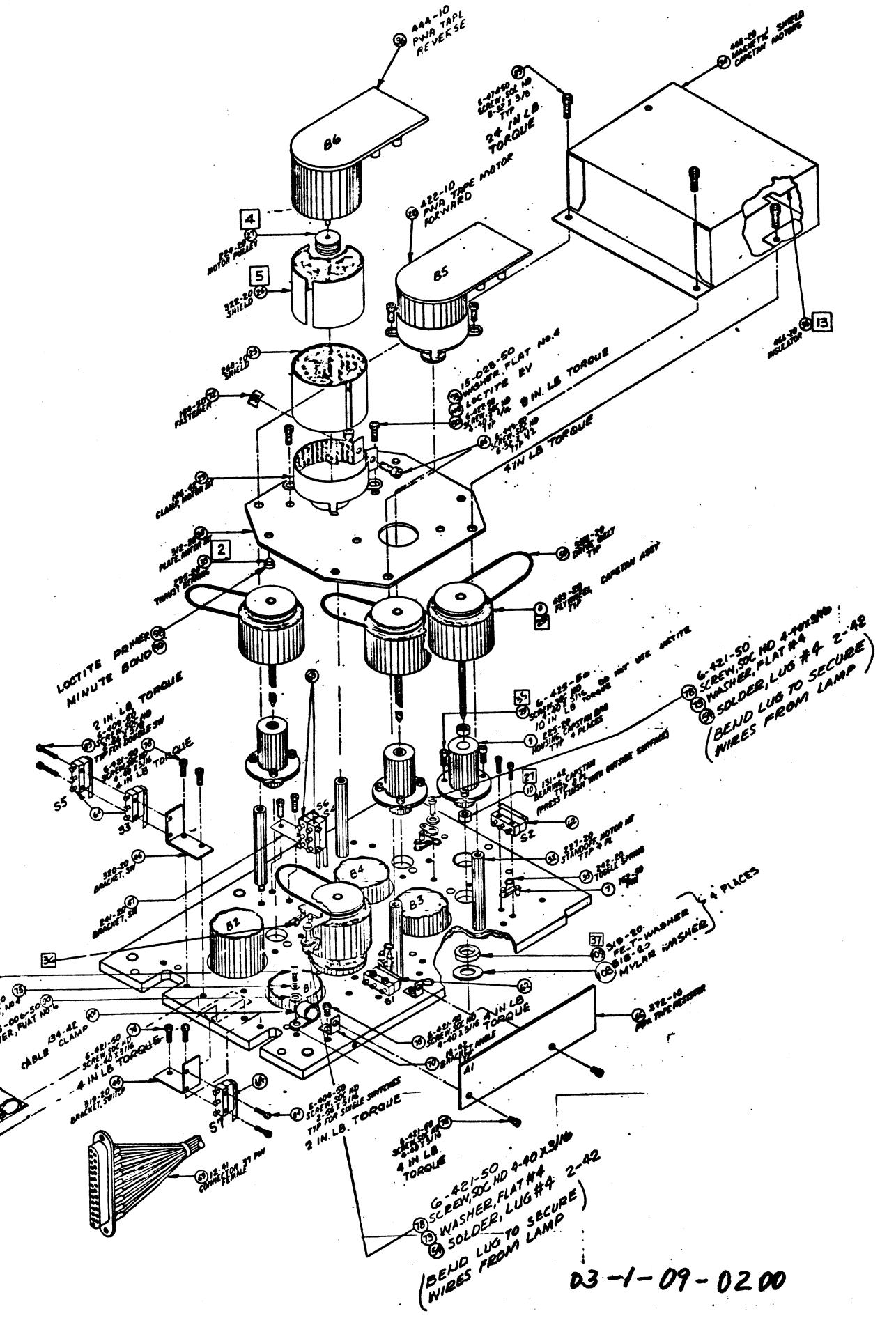
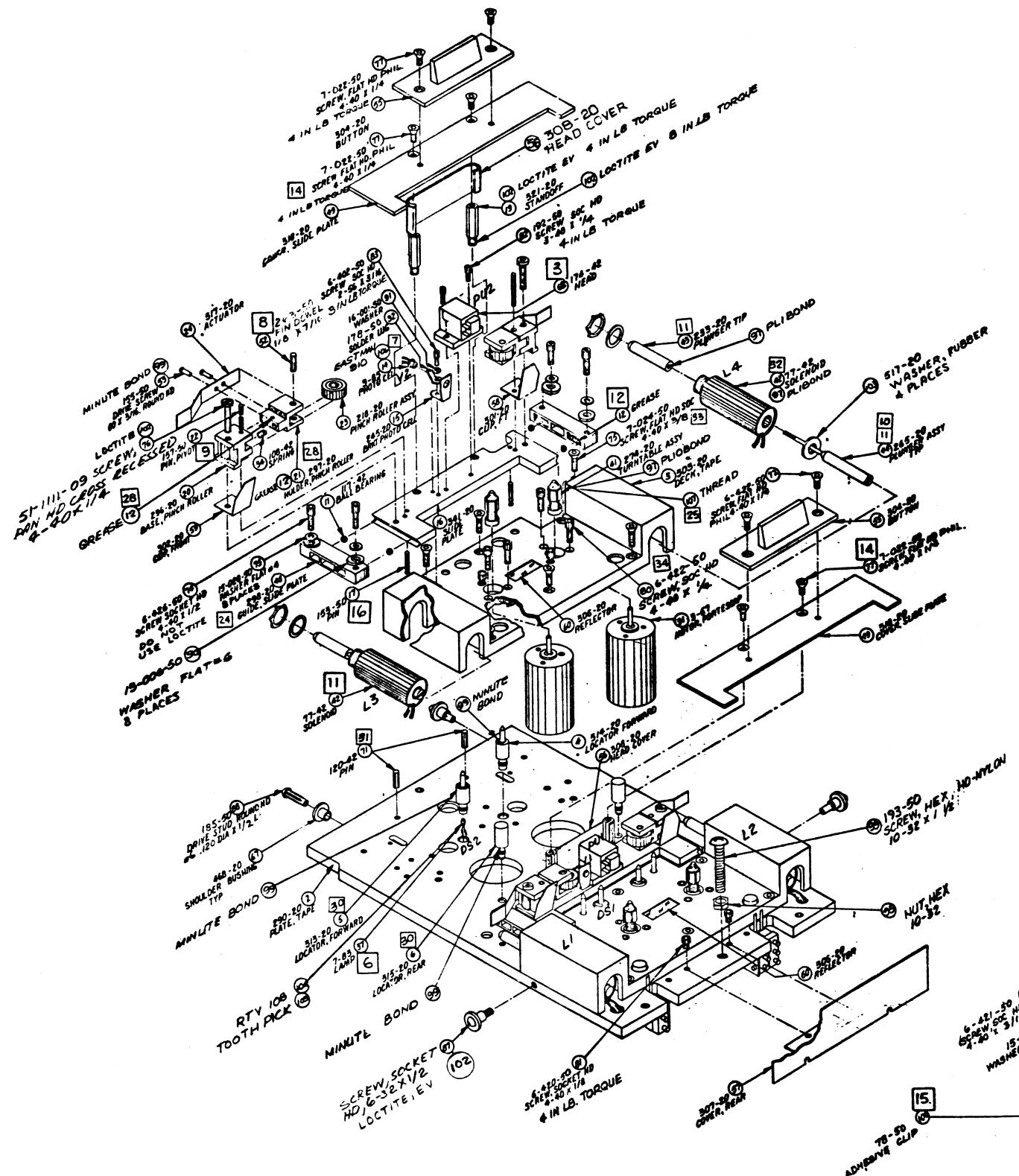
03-1-09-0200
 EO 5129, 5132, 5159 OUTSTANDING
 EO 5176 REF., EO 5217, 5218, 5309, 5395, 5447
 UNIT REVISION IN ZONE D3

QTY	CTC PART NO.	NOMENCLATURE	PARTS LIST		
			UNITS	DRAWN	DATE
2200	2200	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AND INCLUDE APPLIED PREGA	1	2200	2-15-73
03-1-09-0200	03-1-09-0200	TOLERANCES	1	2200	2-15-73
03-1-09-0200	03-1-09-0200	FRACTIONS \pm ANGLES \pm	1	2200	2-15-73
03-1-09-0200	03-1-09-0200	DECIMALS DESIGN BURNISH	1	2200	2-15-73
03-1-09-0200	03-1-09-0200	X \pm JX \pm JOX \pm	1	2200	2-15-73
03-1-09-0200	03-1-09-0200	MATERIAL:	1	2200	2-15-73
03-1-09-0200	03-1-09-0200	PROJECT ENGINEER	1	2200	2-15-73
03-1-09-0200	03-1-09-0200	DATE	1	2200	2-15-73
D	D	REV	1	2200	2-15-73
D	D	DATE	1	2200	2-15-73
D	D	SCALE	1	2200	2-15-73
D	D	CTC PN	1	2200	2-15-73
D	D	REV	1	2200	2-15-73
D	D	DATE	1	2200	2-15-73
D	D	ITEM	1	2200	2-15-73

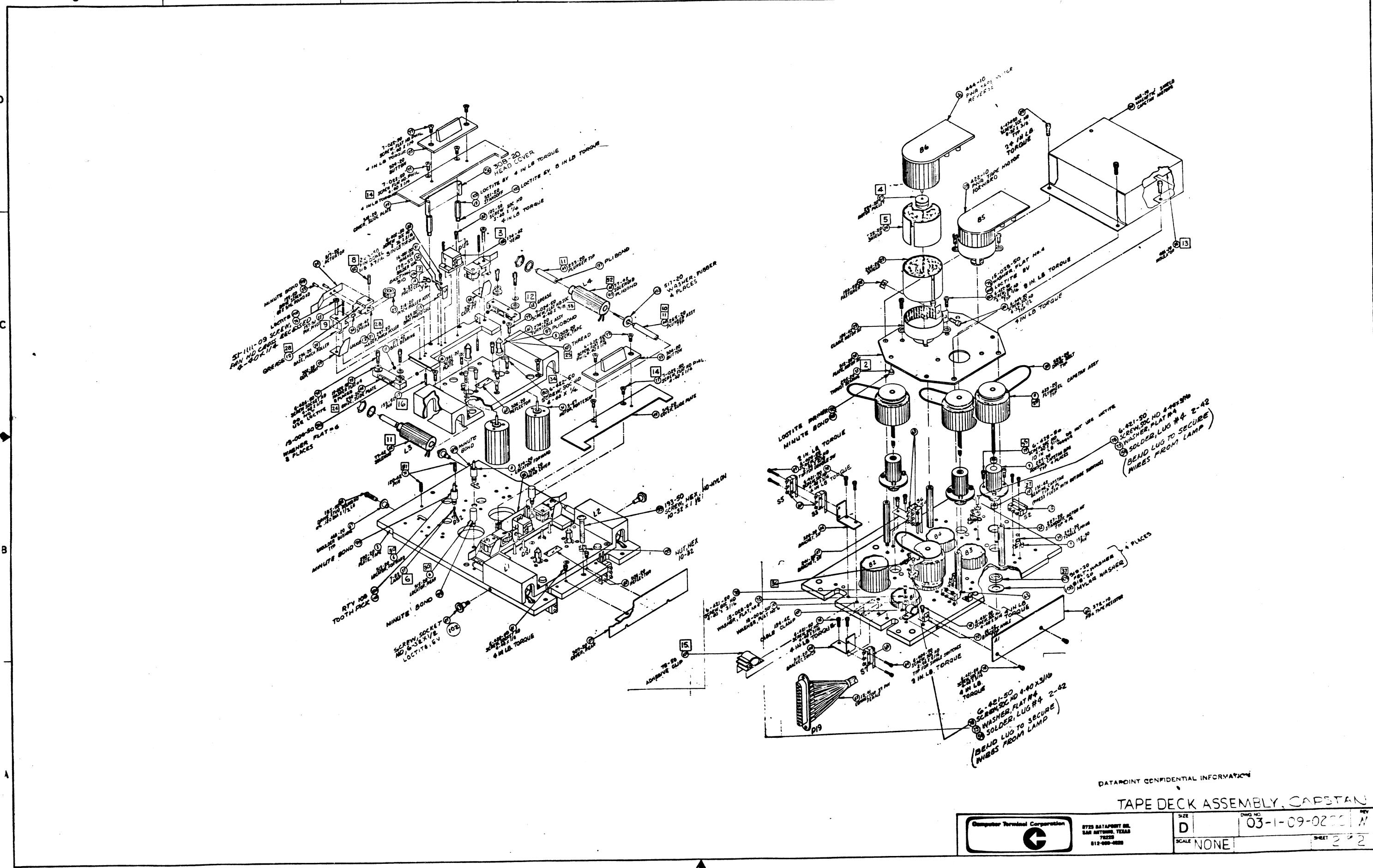
Computer Terminal Corporation
 8725 DATAPORT BL.
 SAN ANTONIO, TEXAS
 78229
 512-999-1522

TAPE DECK ASSEMBLY,
 CAPSTAN

03-1-09-0200



03-1-09-0200



DATAPORT CONFIDENTIAL INFORMATION

TAPE DECK ASSEMBLY, CAPSTAN



0729 DATAPORT BLD
SAN ANTONIO, TEXAS
78207
612-630-6220

SIZE D DWG NO 03-1-09-0200 N
SCALE NONE SHEET 2 OF 2

REVISION TABLE			
ENG NO.	MFG NO.	ASSY REV	A/W REV
-801	303-10	L	E
-802	471-10	L	E
-803	474-10	L	E
-804	552-10	B	E

D

C

B

A

MARK ASSY "03-1-03-0011-801 REV 'L' OR
"03-1-03-0011-802 REV 'L' OR
"03-1-03-0011-803 REV 'L' OR
"03-1-03-0011-804 REV 'B'"

WITH .12 HIGH CHARACTERS
COLOR - BLACK, LOCATE APPROX
AS SHOWN.

NOTES: (UNLESS OTHERWISE SPECIFIED)

REVISIONS

REV LTR	ZONE	REF	DESCRIPTION	DATE	APPROVED
	B		REPLACES SK-03-1-03-0011 WITH CHANGE, SEE DCN 1752 DCN 1759. K.Karvelo 12/14/70	1/1/71	J. More
	C		INCORP. DCN* 2109 Ken Karvelo 3/14/71	3-22-71	J. More
B	D		INCORP EO 1095 Ray Didon 4-27-71	4-27-71	J. More
C	E		INCORP EO 2902 M VICKERS 5/18/71	5-26-71	J. More
C	F		INC EO 2924 F REDRAW. J.T. Hester 10-29	10-20-71	J. More
D	G		INC EO 3852 Schmidt 6-21-72	6-21-72	Original
D	H		CREATE - 8024-803 Schmidt 6-21-72	6-21-72	Original
D	J		INC EO# 3941 Jim L. Lusk 4-9-73	4-11-73	Original
D	K		INC EO 5004 M. Steinke 9-28-73	10-1-73	Original
E	L		INC EO 5118 P. Anderson 2-14-74	2-18-74	P. Anderson
E	M		INC EO 5128, 5180 P. Anderson 2-15-74	2-18-74	P. Anderson

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FOR PARTS LIST SEE PL-03-1-03-0011
ED5322, 5361 OUTSTANDING

CTC PART NO.	NOMENCLATURE	VENDOR PART NO.	VENDOR	REF DES	ITEM
PARTS LIST					
SWEDISH II 2200	SWE 0154 2200	USED ON	DRAWN J.T. Hester 10/01/71	DATE 10/01/71	Computer Terminal Corporation 8725 BATAPGINT DR. SAN ANTONIO, TEXAS 78229 512-696-4520
HENOVIA 2200	HENOVIA 2200		TOLERANCES FRACTIONS \pm ANGLES \pm DECIMALS X = \pm JXX = \pm XXX = \pm	CHECKED P. Harris 10-30-71	
03-1-09-0000	03-1-09-0001	NEXT ASSY	DESIGN ENGINEER J. Alexander 11-2-71	DATE 11-2-71	
-804	-803	DASH	PROJECT ENGINEER J. Alexander 11-2-71	DATE 11-2-71	
-803	-802				
03-1-09-0001	03-1-09-0001				
-802	-801				
03-1-09-0001	03-1-09-0001				
-801	-801				

PRINTED WIRING ASSY,
DISPLAY CONTROL LOGIC

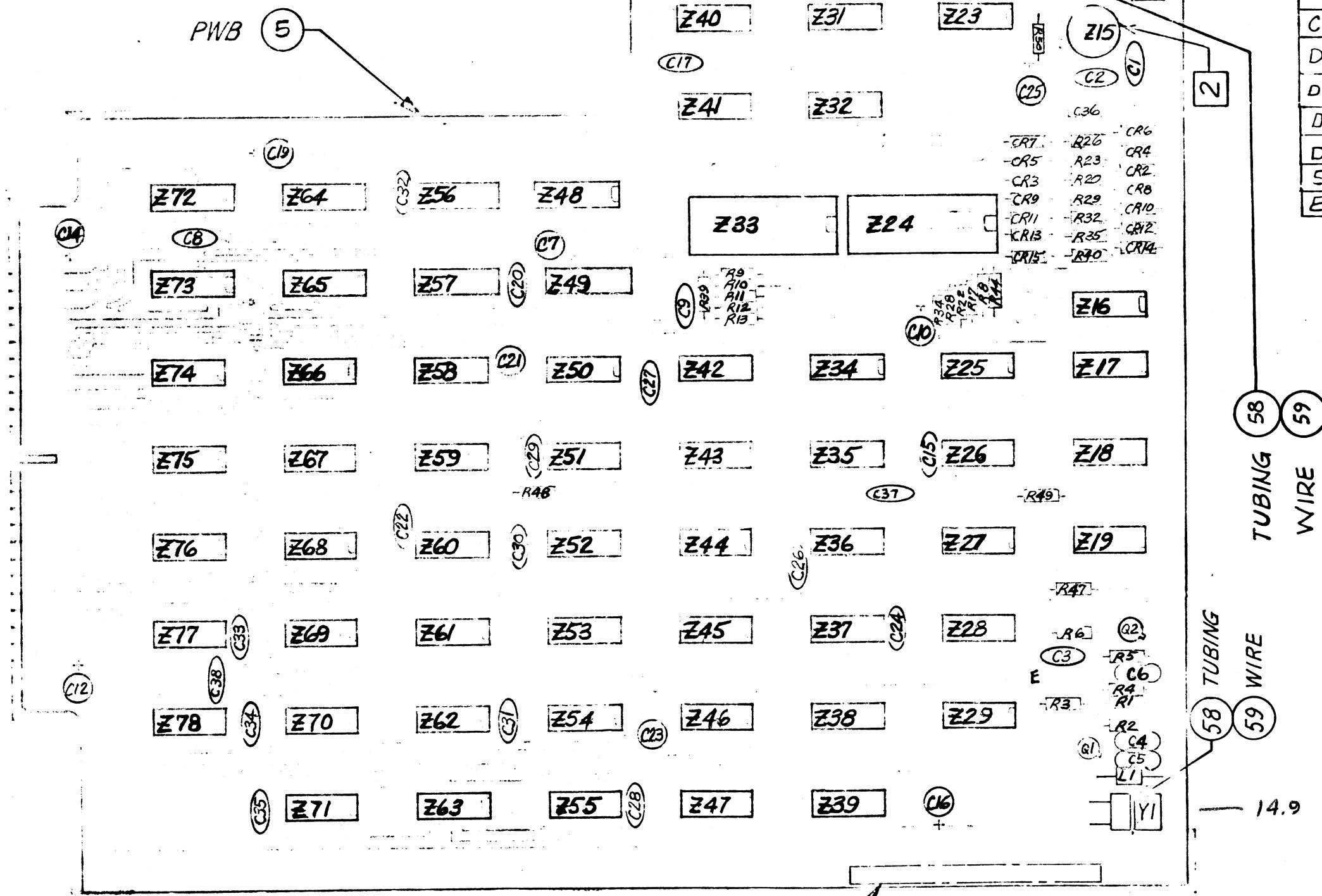
SIZE C DWG NO. 03-1-03-0011 REV A

SCALE 1/1 DAPT P/N: 801 303-10 -803 474-10
-802 471-10 -804 552-10

Sheet 1 of 1

JG NO.	MFG NO.	ASSY REV	A/W REV
801	303-10	L	E
802	471-10	=	E
803	474-10	-	E
804	552-10	-	E

DATAPPOINT CONFIDENTIAL INFORMATION



MARK ASSY "03-1-03-0011-801 REV "L" OR
"03-1-03-0011-802 REV "L" OR
"03-1-03-0011-803 REV "L" OR

FOR PARTS LIST SEE 1

B	REPLACES S. WITH CHAN DCN 1759. K.K.W.
C	INCOP. DCN*2
B	INCOP EO 109
C	INCOP EO 290
C	INC EO 2924F
D	INC EO 3852
D	H CREATE - 8024
D	J INC EO# 3941 LIN
D	K INC EO 5C
E	L INC EO
E	M INC EO 5E

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MARK "ASSY 03-1-03-0012-8
12 HIGH CHARACTERS, COLOR
LOCATE APPROX AS SHOWN

COMPONENT HEIGHT
RESTRICTED BY YOKE

MARK "ASSY 03-1-03-0012-801 REV" J
12 HIGH CHARACTERS, COLOR BLACK,
LOCATE APPROX AS SHOWN

COMPONENT HEIGHT
RESTRICTED BY YOKE

3

C45 + R1

TOP REV A

- 801

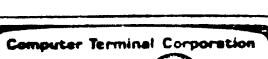
99 TYP

FOR PARTS LIST SEE PL03-103-0012

E05190 OUTSTANDING

3 SELECT CORRECT DIDDLE AMPLITUDE AT TEST.
R113 MAY BE REMOVED AS NECESSARY
2 MAX LEAD LENGTH BELOW BOARD
TO BE .09
1. MAX COMPONENT HEIGHT ABOVE BOARD
TO BE .73

NOTES: (UNLESS OTHERWISE SPECIFIED)

QTY	CTC PART NO	NOMENCLATURE	VENDOR PART NO	VENDOR	REF DES	ITEM
		PARTS LIST				
2200 USED ON	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AND INCLUDE APPLIED FINISH		DRAWN <i>A. Morris</i>	DATE 7/26/12	 Computer Terminal Corporation 9725 DATAPORT DR SAN ANTONIO TEXAS 78229 512-696-4520	
	FRACTIONS ±	ANGLES ±	CHECKED <i>R. Malamore</i>	DATE 8/30/72		
NEXT ASSY 03-1-03-0001	DECIMALS X = ± XX = ± XXX = ±		DESIGN ENGINEER	DATE		
	MATERIAL	PROJECT ENGINEER <i>J. F. Alexander</i>		DATE 8-30-72		
-801 DASH	<i>See C Sheet</i>		7-30-72	PWA, DEFLECTION, AMPLIFIER		
	NOTE	DWG NO		REV		
	C	03-1-03-0012		J		
	PAGE 1/1		DATA PT. P/N: 301-10 SHEET 1 OF 1			

Computer Terminal Corporation

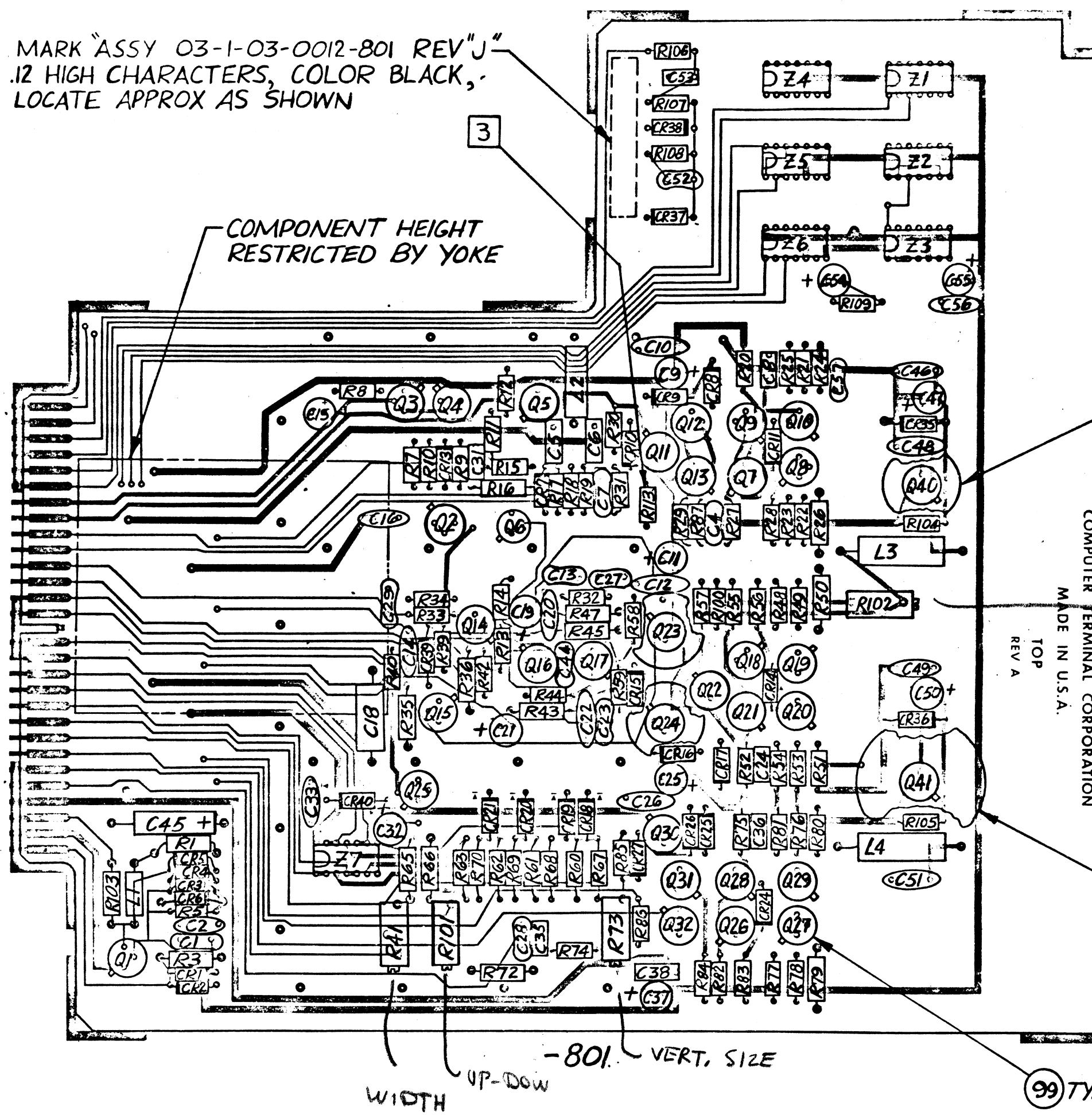

PWA,
DEFLECTION, AMPLIFIER

DATE DWG NO. REV
C 03-1-03-0012 J
A.S. / / DATA P.T. P/N: 301-10 SHEET 1 OF 1

1754 R. knowles 12/8/71

A	C	INCORP DCN # 2109 EO # 1088
A	D	REDRAWN & INC. EO Q. Mair 7/26/72
A	E	INCORP EO # 3942 Jim
A	F	INCORP EO # 3944 Jim
A	G	INCORP EO # 4328 Jim L
A	H	INCORP EO # 4329 Jim L
A	J	INC EO 4692 U.L. 86

MARK "ASSY 03-1-03-0012-801 REV" J"
.12 HIGH CHARACTERS, COLOR BLACK,
LOCATE APPROX AS SHOWN



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FOR PARTS LIST SEE PLI

8

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4

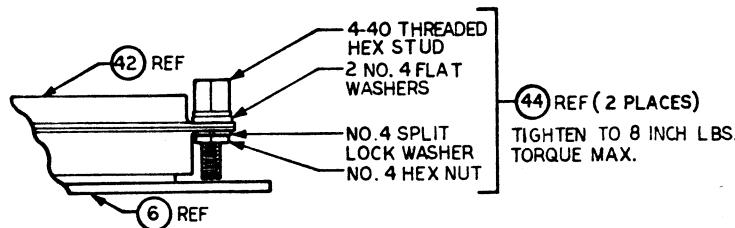
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1

1

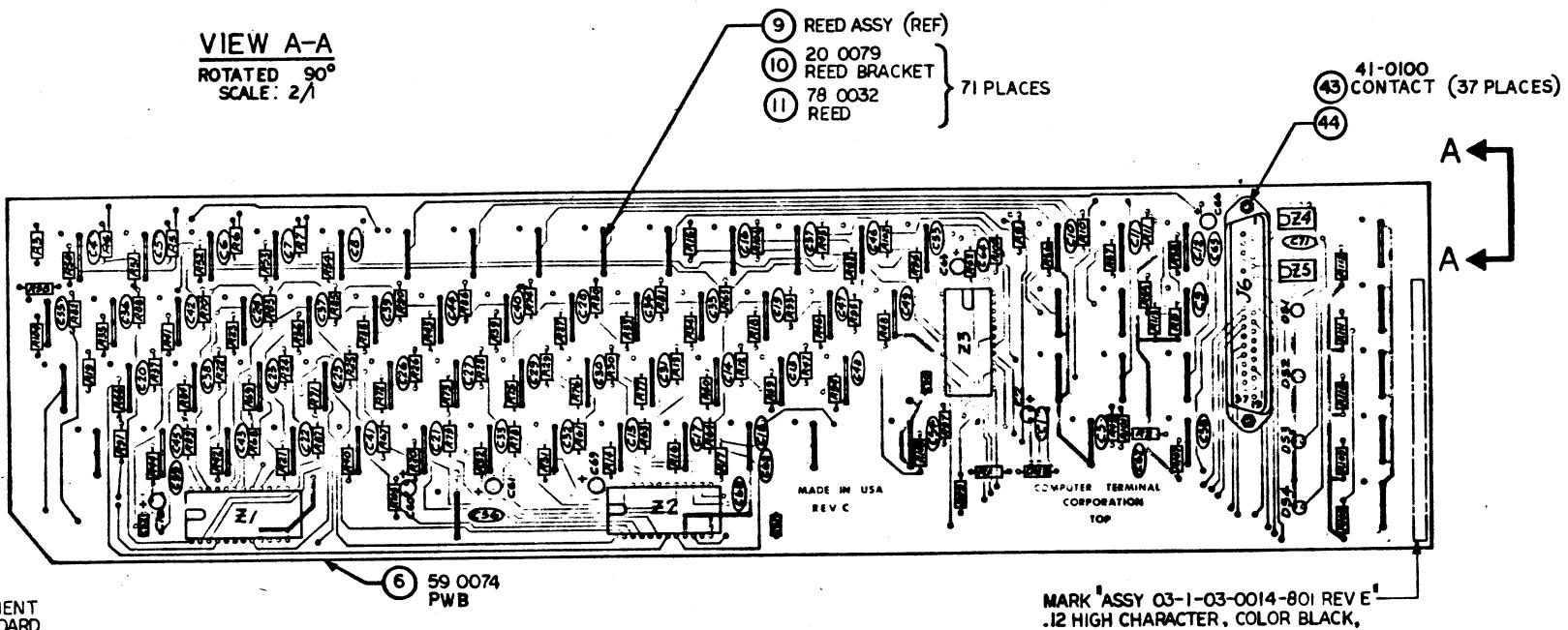
REVISION TABLE				
ENG. NO.	MFG. NO.	ASSY REV.	AW REV.	ENG. APPROV.
-801	10 0346	E	C	

A/W REV.	REVISIONS				
	ZONE	LET	DESCRIPTION	DATE	APPROVED
	B		REPLACES 3K-03-1-03-0016 WITH CHANGE SEE OCN 4/1753, 1753, 1769 K KNOWLEDGE 7/16/61	1-18-71 1-18-71	K.P.J. T.O.P.
	C		INCORP OCN #2109 K KNOWLEDGE 7/16/61	8-29-71 8-30-71	JFA O'DONNELL
B	D		INC E 1097 CHANGED ITEM 27 PT NO. WAS 05 2-09-0002 C. W.H. 4-22-71	9-22-71 8-22-71	JRA EP JACOBSON
C	E		INC E 0 4034 ITEM 12 WAS REF. 10V UK-10-109, CENTRALAB MANUFACTURE 8/16/61	8-22-71	M.L.B. R. McLELLAN
C	F		INC E 05076 CORRECTED P/M ANALY REPROGRAM; CREATED SEP 7/16/61 8-22-71	10-16-71 10-10-71	M.L.B. J. D. COOK



VIEW A-A
ROTATED 90°
SCALE: 2/1

→ | ← .09 MAX. LEAD LENGTH
BELOW BOARD



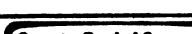
- 801 (10 0346)

CONFIDENTIAL PROPRIETARY INFORMATION

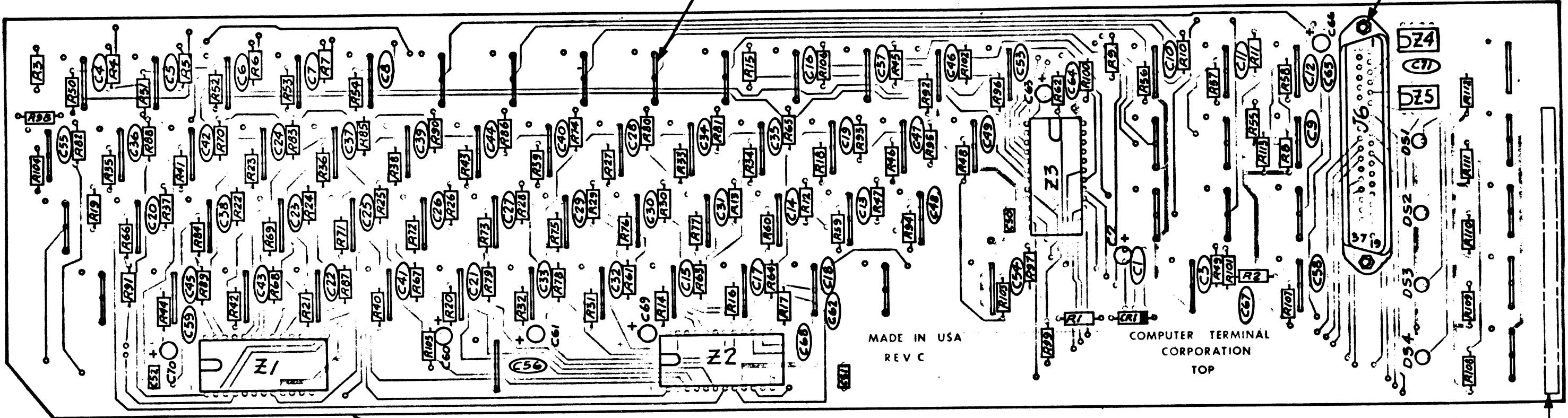
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FOR PARTS LIST SEE PL03-1-03-0014

QTY	CTC PART NO.	NOMENCLATURE		VENDOR PART NO.	VENDOR	REF DES	ITEM
		PARTS LIST					
		UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AND INCLUDE APPLIED FINISH.		DRAWN <i>J. D. L. C.</i>	DATE 10-9-73	 COMPUTER TERMINAL CORPORATION 6700 EASTPORT DR. SAN ANTONIO, TEXAS 78228 512-699-4630	
2200	USED ON	TOLERANCES FRACTIONS \pm ANGLES \pm DECIMALS \pm $X = \pm$ $XX = \pm$ $XXX = \pm$		CHECKED <i>Jim Shoch</i>	DATE 10-11-73		
03-1-03-0014	NET ASB	MATERIAL:		DESIGN ENGINEER <i>J. M. Mayn</i>	DATE 10-16-73	PRINTED WIRING ASSY, KEYBOARD	
03-1-03-0014	DASH			R. McNamee	10-17-73	REV NO. D	P/N 10 0546
				SCALE 1/1		1	OF 1

NOTES: (UNLESS OTHERWISE SPECIFIED)



VIEW A-A

ROTATED 90°
SCALE: 2/1

NO. 4 HEX NUT

6 REF

- (9) REED ASSY (REF)
- (10) 20 0079 REED BRACKET
- (11) 78 0032 REED

71 PLACES

41-0100 CONTACT (37)

43

44

ENT
DARD

6 59 0074
PWB

DATAPPOINT CONFIDENTIAL INFORMATION

MARK ASSY 03-1-03-0014-801 REV E
.12 HIGH CHARACTER, COLOR BLACK,
LOCATE APPROX. AS SHOWN

- 801 (10 0346)

4

2

1

□

9.

~~MARK "ASSY 03-103-0017 - 801 REV K". 12 HIGH CHARACTERS, COLOR BLACK, LOCATE APPROX AS SHOWN~~

DATAPOINT CONFIDENTIAL INFORMATION

E

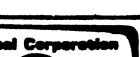
FOR PARTS LIST SEE PL03-1-03-0017

1

2 MAX LEAD LENGTH BELOW BOARD IS .09

1 MAX. COMPONENT HEIGHT ABOVE BOARD IS .

NOTES: (UNLESS OTHERWISE SPECIFIED)

QTY	CTC PART NO.	NOMENCLATURE	VENDOR PART NO.	VENDOR	REF DES	ITEM
PARTS LIST						
2200	USED ON	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AND INCLUDE APPLIED FINISH.	DRAWN <i>J.T. Fletcher</i>	DATE 11-4-71	 Computer Terminal Corporation 8725 DATAPORT DR. SAN ANTONIO, TEXAS 78229 512-896-4520	
03/109-0001	NEXT ASSY	TOLERANCES FRACTIONS \pm ANGLES \pm DECIMALS $X = \pm$ $JX = \pm$ $JXX = \pm$	CHECKED <i>C. H. James</i>	DATE 11-12-71	PRINTED WIRING ASSY, I DECODER	
-001	DASH	MATERIAL:	DESIGN ENGINEER <i>G. S. Ashell</i>	DATE 11-19-71	03-1-03-0017	
			PROJECT ENGINEER <i>J.F. Alexander</i>	DATE 11-19-71	SIZE C	DWG NO. K
			<i>Joe C. Steen</i>	DATE 11-19-70	SCALE 1/1	CTC P/N 307-10
					SHEET 1	OF 1

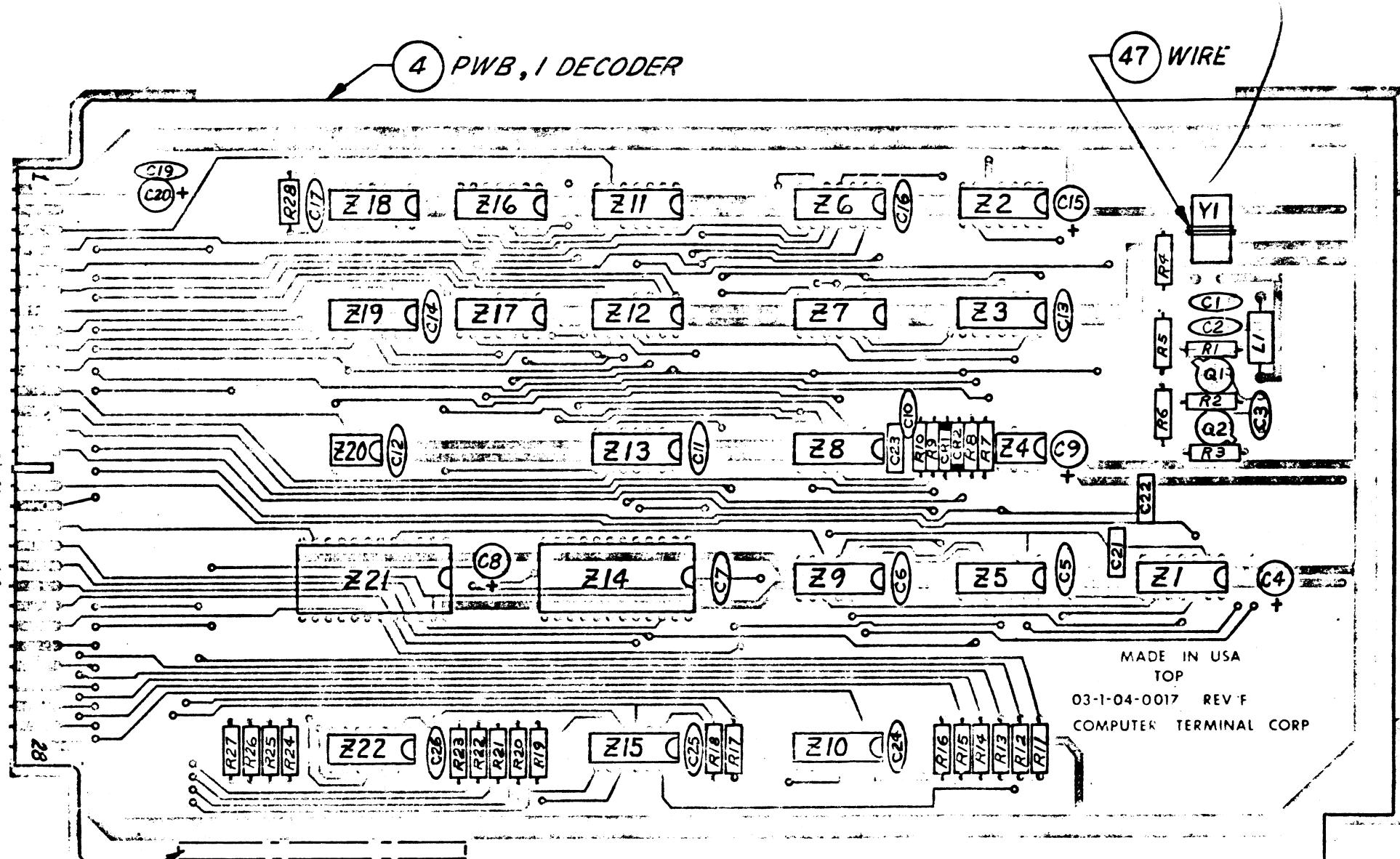
K&E 10-9198-1 FOR

E_{O*}

D		D	REPLACES RE EO 3026 & 30
E		F	REDRAWN & INC
E		F	INCORP EO 35
E		G	INCORP EO 355
E		H	INC EO 3860
F		J	INCORP EO 2.
F		K	INCORP EO 4.

9.84

4 PWB, 1 DECODE



MARK "ASSY 03-1-03-0017 -801 REV K". 12 HIGH CHARACTERS, COLOR BLACK, LOCATE APPROX AS SHOWN

DATAPPOINT CONFIDENTIAL INFORMATION

FOR PARTS LIST SEE

	CTC PART NO.		NOMENCLATURE		VENC PART

8

7

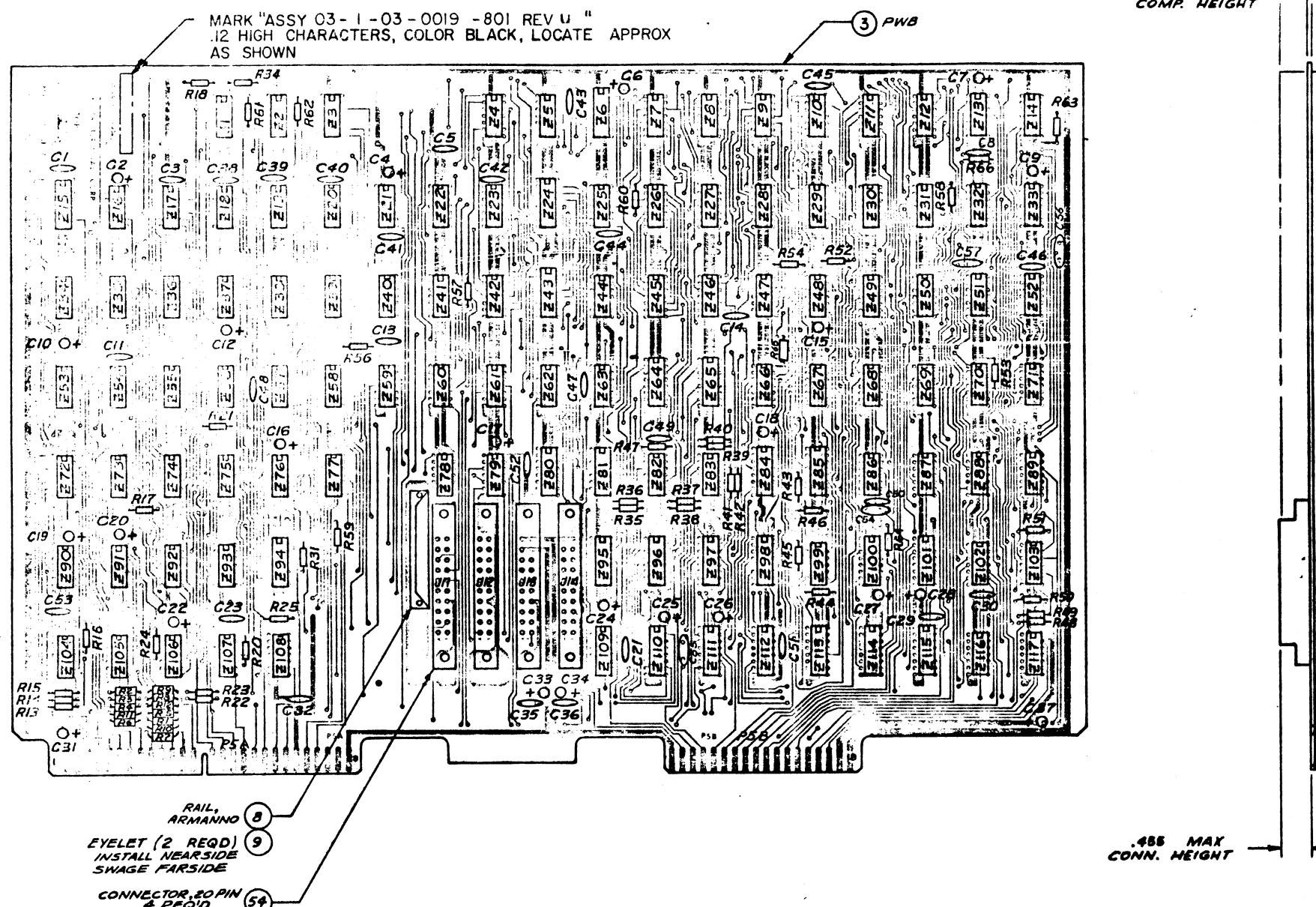
6

5

4

3

2



-801

NOTES: (UNLESS OTHERWISE SPECIFIED)

DATAPoint CONFIDENTIAL INFORMATION

TAB REV 801	REV C	ZONE C	LIT C	REVISIONS		DATE 11/1/71	APPROV KPT 4/1/71
				ITEM	DESCRIPTION		
	C		C	REPLACES SK-03-1-03-0019, REV B WITH CHANGE SEE DCN# 1753, 1759, 1761 J. MOORE 12/2/70			
D	D		D	INCORP DCN# 2139 K. Kambayashi EO# 2006 9/16/71		3-22-71	12-1
E	E		E	INCORP EO 2008 K. Kambayashi 1/1/72		4-19-71	12-1
F	E		F	INCORP EO 3036 W. LOVAS 7/28/71		8-6-71	12-1
G	E		G	INC EO 3335 A. Hernandez 7/22/72		8-1-71	12-1
H	E		H	INC EO 3648 K. Kambayashi 2/16/72		8-1-71	12-1
J	F		J	INCORP EO 3584 M. VICKERS 4/18/72		8-2-71	12-1
K	F		K	INCORP EO 3587 M. VICKERS 4/18/72		8-2-71	12-1
L	F		L	INC EO 3595		8-11-72	12-1
M	F		M	INC EO 3598 A. Hernandez 5/1/72		8-1-71	12-1
N	F		N	INC EO 3671 A. Hernandez 5/1/72		8-1-71	12-1
P	F		P	INC EO 3599 J. Moore 5/22/72		8-1-71	12-1
R	G		R	INCORP EO 3865 & EO 3867 VICKEERS		4-18-72	12-1
S	G		S	INC EO 4052, MFG ONLY VICKEERS		4-18-72	12-1
T	G		T	INCORP EO 2896 M. VICKERS 4/18/72		4-20-72	12-1
U	G		U	INC EO 4682 4/18/72		4-20-72	12-1
U	G		V	INCORP EO 5123 LBYRD 2-18-74		2-18-74	12-1

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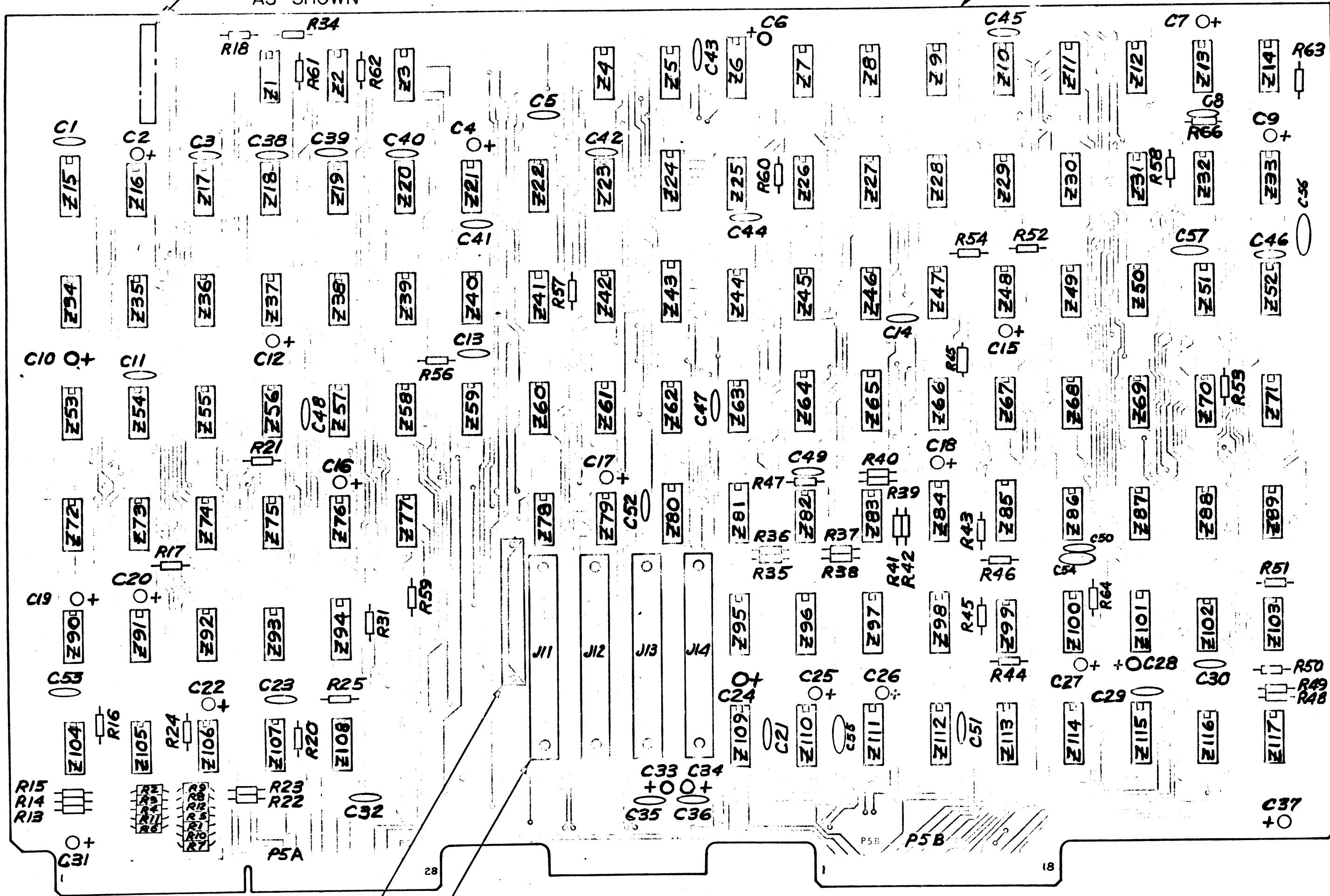
FOR PARTS LIST SEE PL03-1-03-0019

QTY	CTC PART NO.	NOMENCLATURE	PARTS LIST		
			VENDOR PART NO.	VENDOR NAME	REF DES
2	200				
		UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AND INCLUDE APPLIED FINISH.	DRAWN M. VICKERS 5-25-72	DATE 5-25-72	
		TOLERANCES FRACTIONAL ± ANGLES ± $X = \pm$ $ZX = \pm$ $ZM = \pm$	CHECKED M. VICKERS 5-25-72	DATE 5-25-72	
		DESIGN ENGINEER M. VICKERS 5-25-72	DATE 5-25-72		
		PROTOTYPING ENGINEER M. VICKERS 5-25-72	DATE 5-25-72		
		MATERIAL: J. Moore 5-25-72	DATE 5-25-72		
D	03-1-03-0019	SIZE D	DRAW NO. 03-1-03-0019	REV V	
		SCALE NONE	DATAPT P/N: 304-10	SHOOT	

PRINTED WIRING ASSY,
PROCESSOR

Computer Terminal Corporation
7725 DATAPOINT DR.
SAN ANTONIO, TEXAS
78229-9999

✓

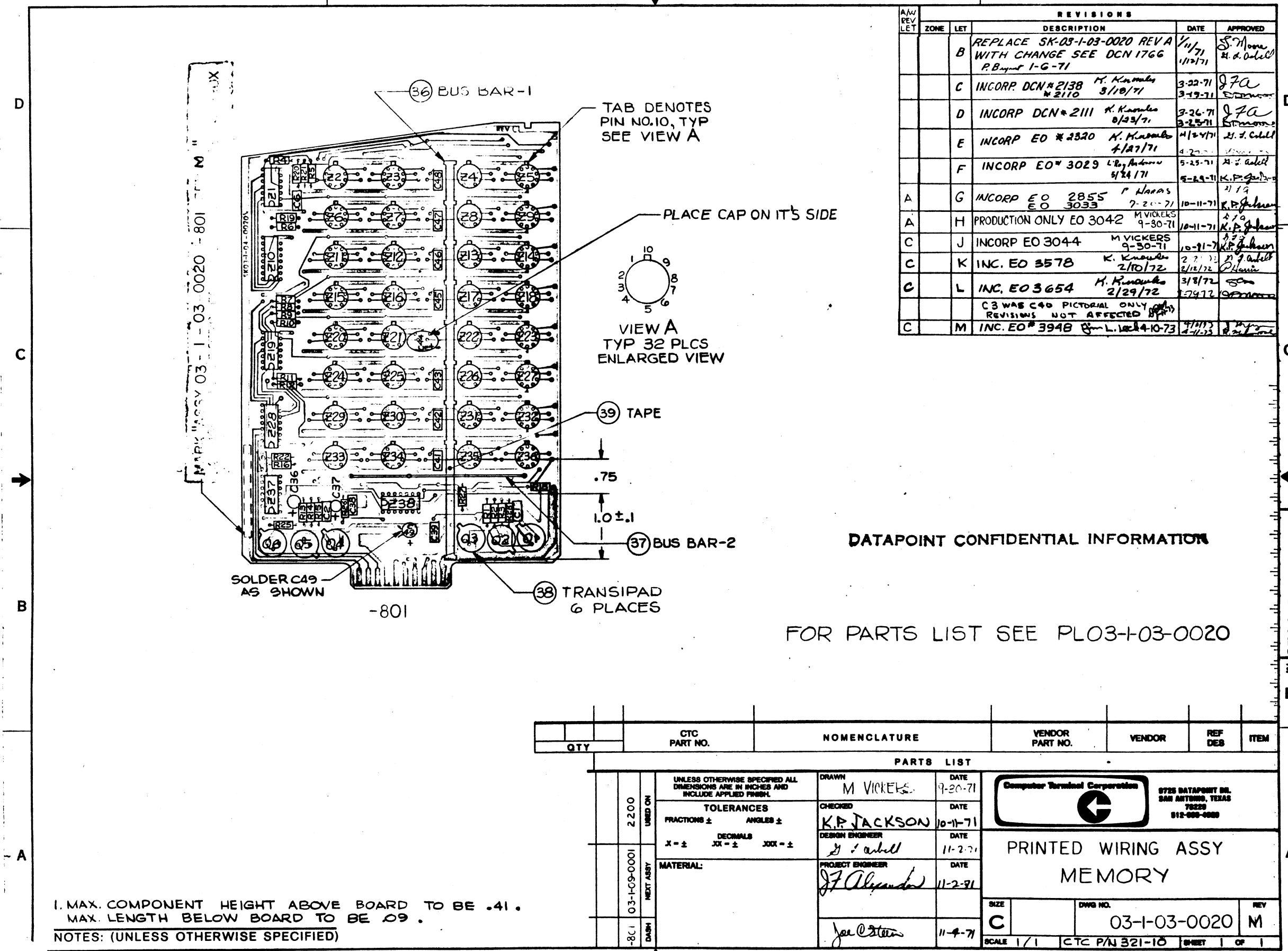


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2

1



I. MAX. COMPONENT HEIGHT ABOVE BOARD TO BE .41.
MAX. LENGTH BELOW BOARD TO BE .09.

NOTES: (UNLESS OTHERWISE SPECIFIED)

REV	LET	ZONE
A		
A		
C	C	
C	C	
C	C	
C		

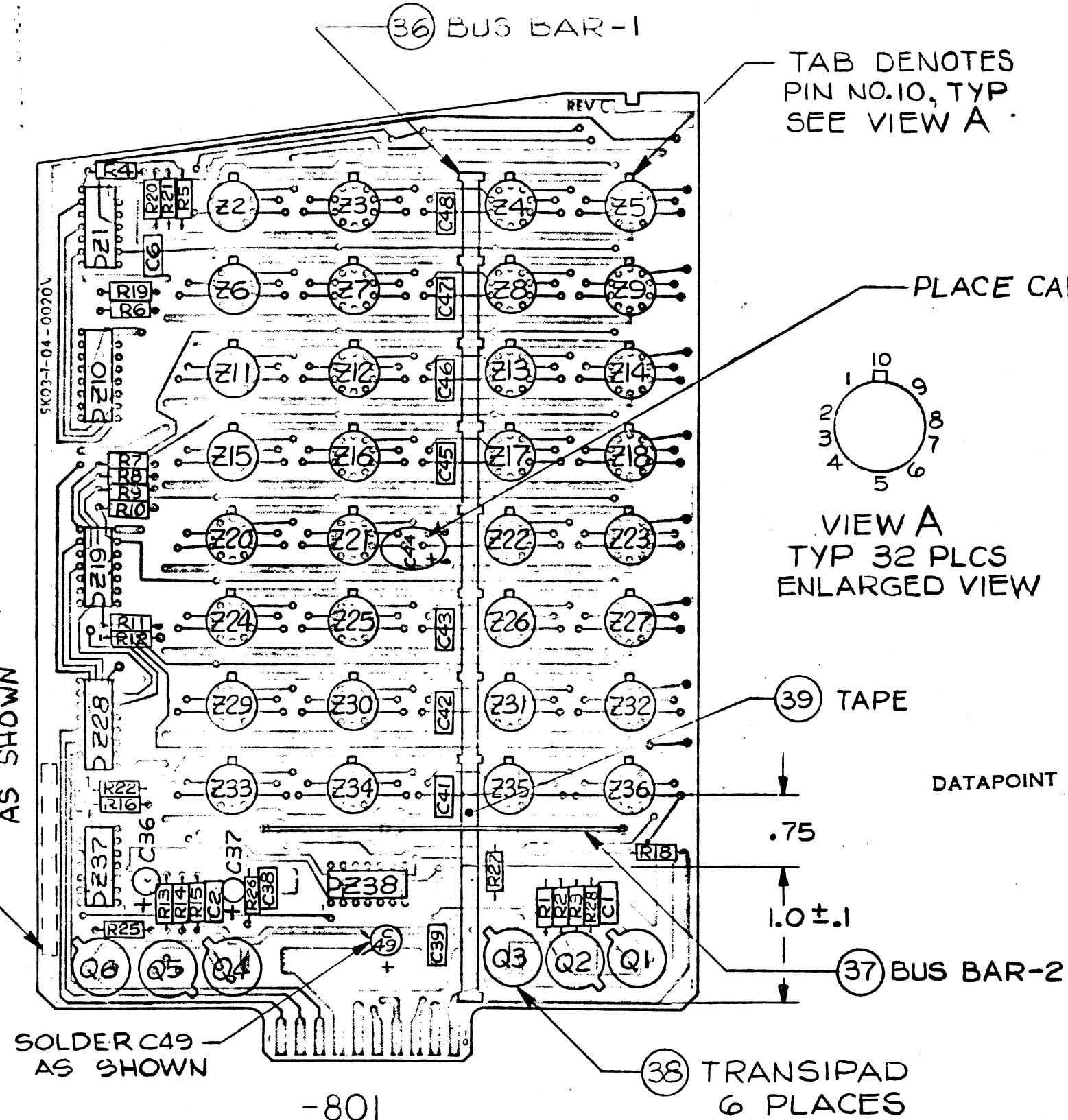
D

C



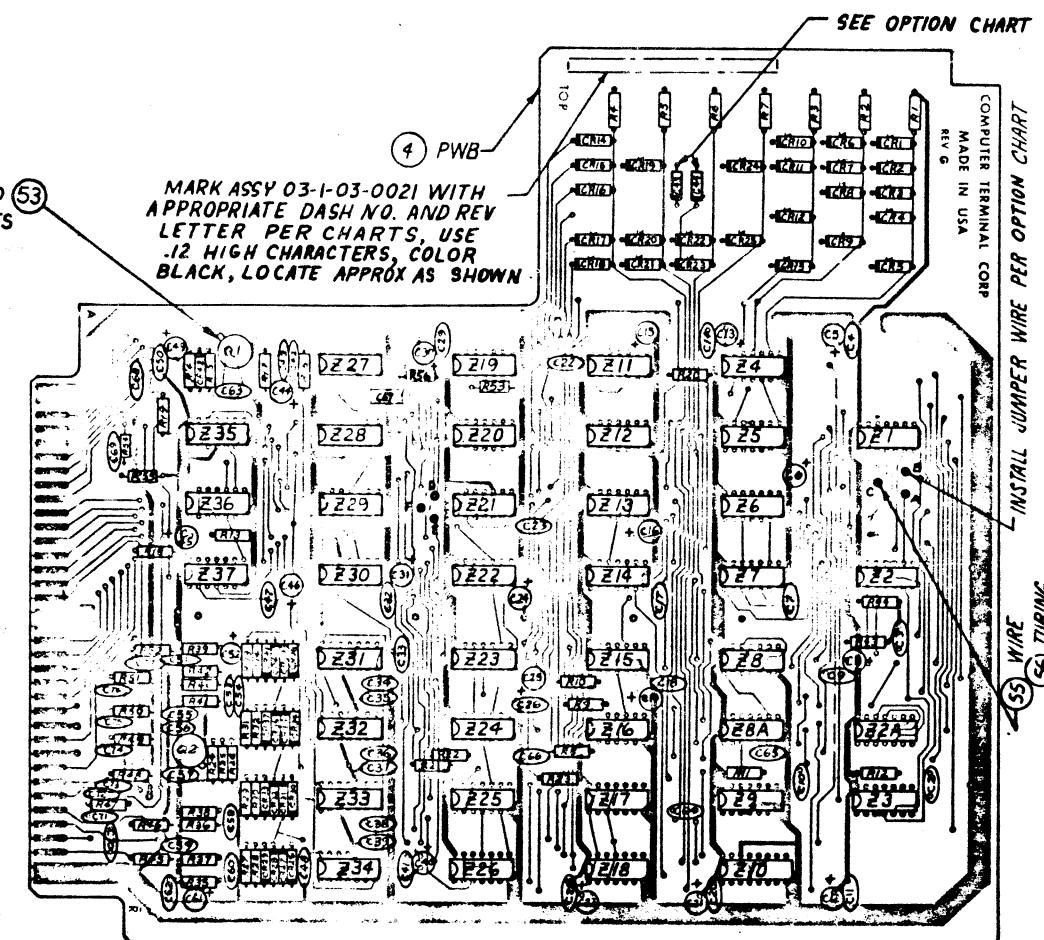
B

MARK "ASSY 03 - 1 - 03 - 0020 - 801 REV M"
 .12 HIGH CHARACTERS COLOR BLACK, LOCATE APPROX
 AS SHOWN



-801

FOR PARTS LI



-801 THRU -809

OPTION CHART

ENGR NO.	MFG NO.	INSTALL JUMPER FROM TO	CR43 FROM TO	CR44 (ITEM50)	ITEM50 (ITEM50)	MODEL OPTION CODE
801	302-10	A B	E F	OUT	OUT	STANDARD
802	394-10	A C	D E	OUT	OUT	N/A
803	472-10	A B	D E	IN	IN	707/709 (HENDRIX)
804	536-10	A B	D E	OUT	IN	707
805	538-10	A B	E F	IN	OUT	709
806	539-10	A C	E F	OUT	OUT	708
807	540-10	A C	E F	IN	OUT	708/709
808	541-10	A C	D E	OUT	IN	707/708
809	542-10	A C	D E	IN	IN	707/708/709

2. MAX. LEAD LENGTH BELOW BOARD TO BE .09
1. MAX. COMPONENT HEIGHT ABOVE BOARD TO BE .41

NOTES: UNLESS OTHERWISE SPECIFIED

ENGR NO.	MFG NO.	ASSY REV	A/W REV	ENGR APPR
-801	302-10	L	G	May 5/17/73
-802	394-10	L	G	May 5/17/73
-803	472-10	L	G	May 5/17/73
-804	536-10	A	G	May 5/17/73
-805	538-10	-	G	May 5/17/73
-806	539-10	-	G	May 5/17/73
-807	540-10	-	G	May 5/17/73
-808	541-10	-	G	May 5/17/73
-809	542-10	-	G	May 5/17/73

AW REV LTR	ZONE LTR	REVISIONS	
		REV	DATE
	A	REPLACE SK-03-1-03-0021 WITH CHANGE SEE DCN 1753 AND 1759 P.BRYANT 12/31/70	1-A-71 1-19-71 K.A.P. 200
	B	INCORP DCN # 2138 K.Knowles EO * 2007 3/1/71	3-22-71 3-19-71
B	C	INCORP DCN # 2111 K.Knowles 3/1/71	3-26-71 3-23-71
C	D	INC EO 3342 E REDRAW J.T.HORN 12/10/71	12/10/71
D	E	INCORP EO 3577 2-10-72 G.RODRIGUEZ	1-10-72
E	F	INC. EO 3593 TH ARRAYS 6-20-72	6-20-72
E	G	INC. EO 3600 TH ARRAYS 6-20-72	6-20-72
E	H	INC EO 3854 6 TH ARRAYS 6-20-72 CREATE -803	6-20-72
F	C-4	INC EO # 3856 A. MANN 8/9/72 (ARRIER 295)	8/9/72
F	K	INC EO # 2005 (ARRIER 295)	8/9/72
G	L	INC EO 4282, 4411, 4413 5/25/73	5/25/73

DATAPPOINT CONFIDENTIAL INFORMATION

FOR PARTS LIST SEE PL 03-1-03-0021

CTC	PART NO.	NOMENCLATURE	VERSION	INSTRN	REF DES	ITEM
OTY						
REFERENCE -804 03-1-03-0021 -803 03-1-03-0020 -802 03-1-03-0020	NOT USED	2200	5	5/22/73		
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AND INCLUDE APPLIED FINISH						
TOLERANCES						
FRACTIONS: ANGLES: DEGREES						
X = ± DECAHALS						
Z = ± XXX = ±						
MATERIAL						
DRAWN BY C. Lane DATE 5/22/73						
CHECKED BY R. Malone DATE 5/25/73						
DESIGN ENGINEER R. Malone DATE 5/25/73						
PROJECT ENGINEER N. Franklin DATE 5/25/73						
Computer Terminal Corporation						
9775 DATAPPOINT DR. SAN ANTONIO, TEXAS 78229 512 696 4570						
PRINTED WIRING ASSY, KEYBOARD LOGIC						
SIZE DWG NO. D 03-1-03-0021 L						
Z Malone 5-25-73						

SEE OPTION CHART

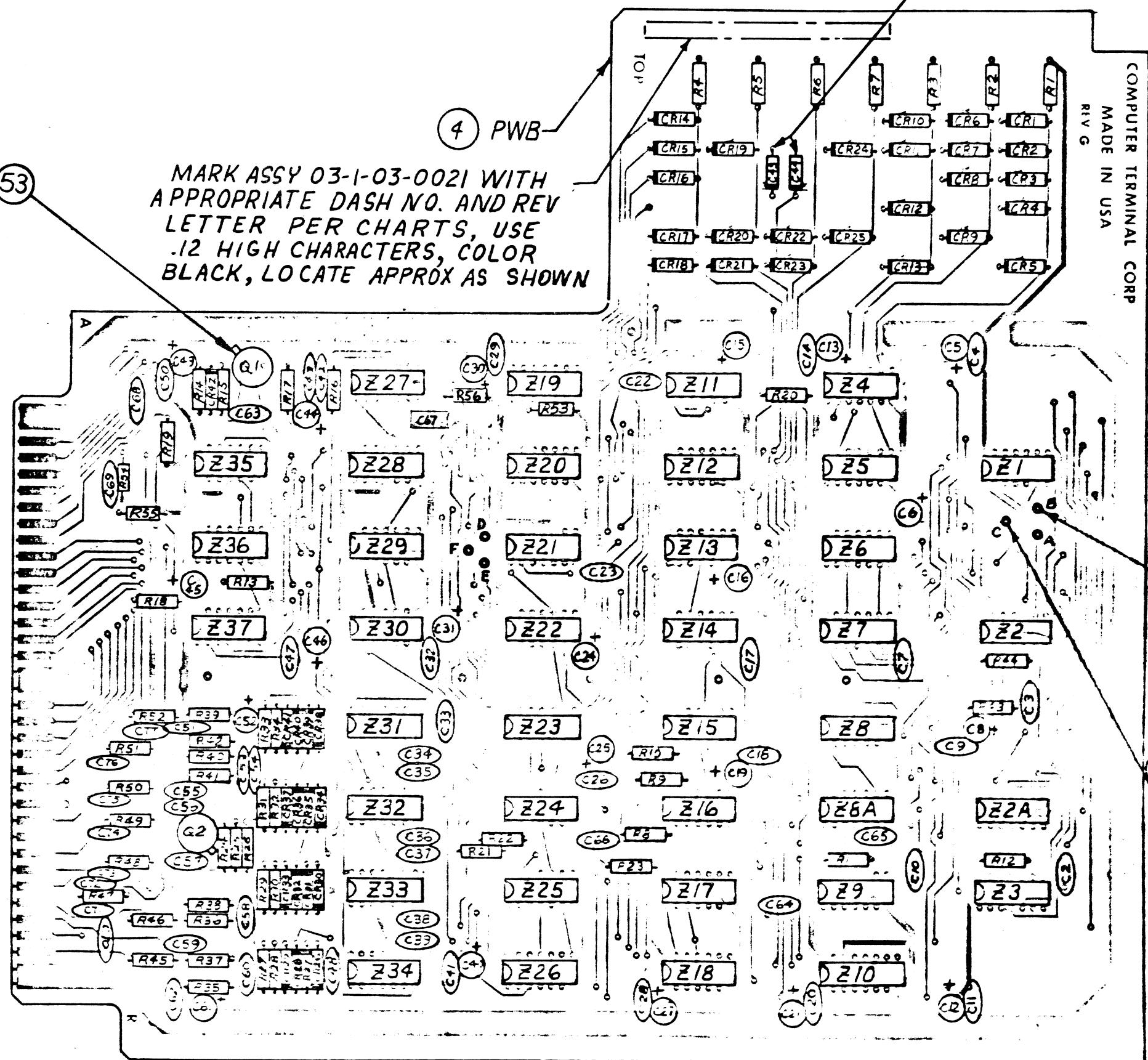
INSTALL JUMPER WIRE PER OPTION CHART

COMPUTER TERMINAL CORP
MADE IN USA
REV G

WIRE TUBING

TRANS/PAD 53
2 PLACES

MARK ASSY 03-1-03-0021 WITH
APPROPRIATE DASH NO. AND REV
LETTER PER CHARTS, USE
.12 HIGH CHARACTERS, COLOR
BLACK, LOCATE APPROX AS SHOWN

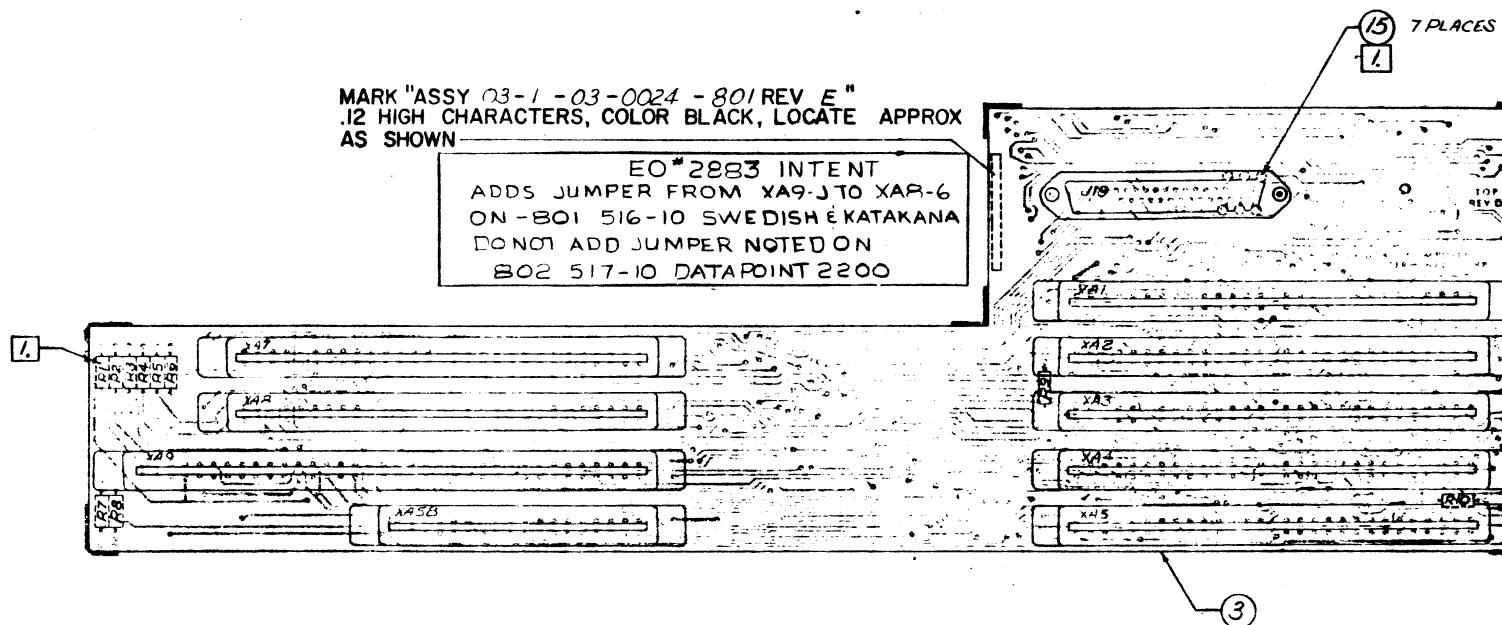


DATAPPOINT CONFIDENTIAL INFORMATION

- 801 THRU - 809

8 | 7 | 6 | 5 | 4 | 3 | 2 | 1

REV	ZONE	LET	REVISIONS		APPROVED
			DESCRIPTION	DATE	
	B	B	REPLACES REV A WITH CHANGE PER DCN 2651	5-16-71	JFA
B	C	C	INCORP DCN 2512 W. LOVINS 6-16-71	6-16-71	RP
C	D	D	INCORP EO 2674, ANDREW ASSY WITH SEPARATE 1/4" 1-31-72	1-31-72	JFA
D	E	E	INCORP EO 3292 P. MAINGOSE	3-6-72	RP



-801 - 516-10 SWEDISH & KATAKANA
-802 - 517-10 DAPT 2200

DATAPORT CONFIDENTIAL INFORMATION

EO's 4041, 4307, 4451, 4146 OUTSTANDING
EO 5154 REF., 5171, 5186, 5208
FOR PARTS LIST SEE PL 03-1-03-0024

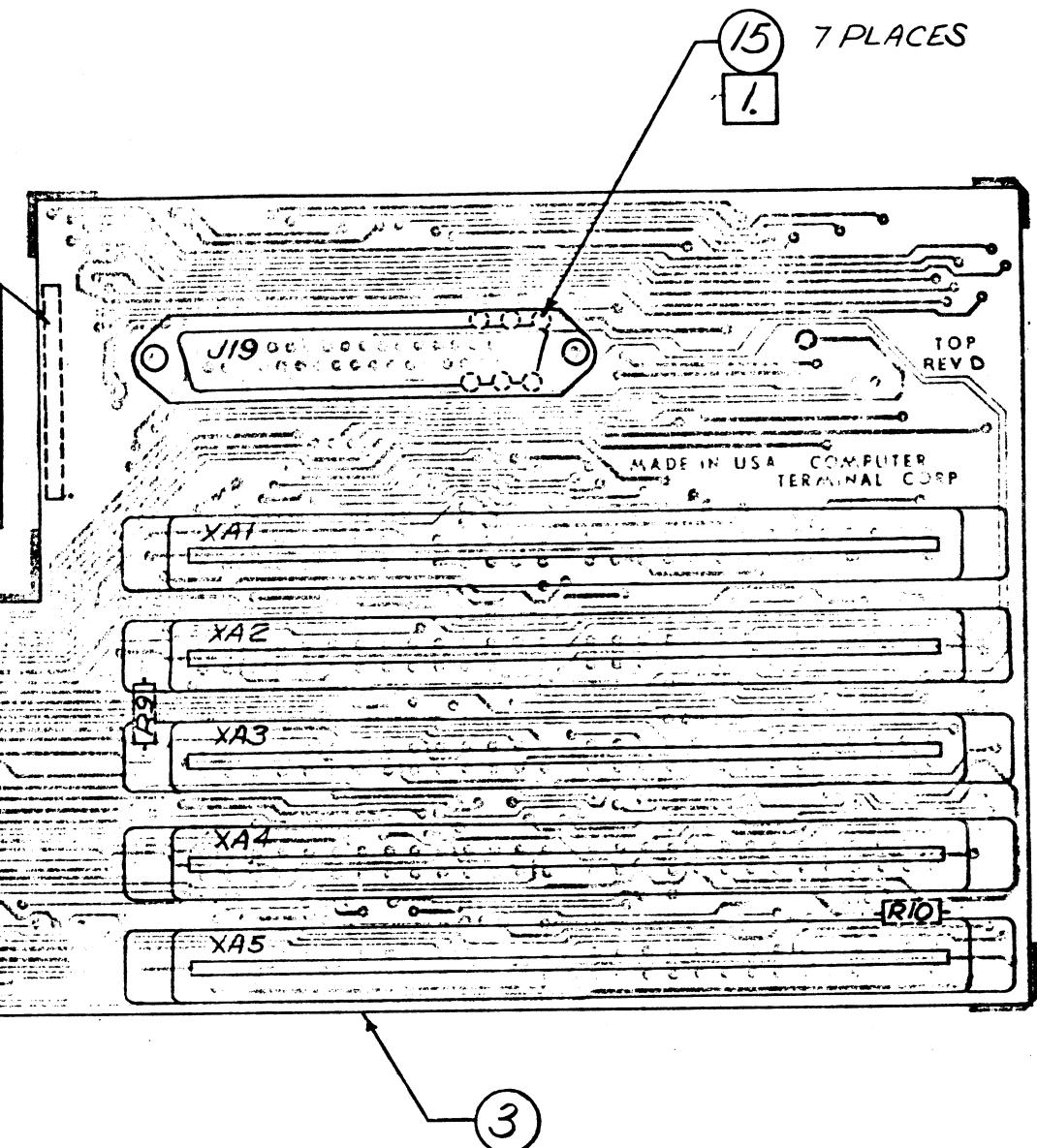
QTY	CTC PART NO.	NOMENCLATURE		VENDOR PART NO.	VENDOR	REF DES	ITEM
		PARTS LIST					
1	STAMPED	DRAWN G. RODRIGUEZ	DATE 1/28/72	Computer Terminal Corporation  8725 DATAPORT DR. SAN ANTONIO, TEXAS 78258 512-450-0200		PRINTED WIRING ASSY MOTHERBOARD	
1	03-1-03-0024	CHECKED G. Harms	DATE 1-27-72				
1	03-1-03-0024	DESIGN ENGINEER J. T. Almond	DATE 1-27-72				
1	03-1-03-0024	MATERIAL ~	DATE 1-27-72				
1	03-1-03-0024	DRWNS J. C. Stearns	DATE 2-7-72	D	P/MODEL 2200-102	DATA NO. 03-1-03-0024	REV E
SCALE 1:1							
SHEET 1 OF 1							

1 INSTALL ALL RESISTORS & TERMINALS FROM BOTTOM OF BOARD.

NOTES: (UNLESS OTHERWISE SPECIFIED)

MARK "ASSY 03-1-03-0024 - 801 REV E"
.12 HIGH CHARACTERS, COLOR BLACK, LOCATE APPROX
AS SHOWN

EO#2883 INTENT
ADDS JUMPER FROM XA9-J TO XA8-6
ON -801 516-10 SWEDISH & KATAKANA
DO NOT ADD JUMPER NOTED ON
802 517-10 DATAPOINT 2200



-801 - 516-10 SWEDISH & KATAKANA
-802 - 517-10 DAPT 2200

DATAPORT CONFIDENTIAL INFORMATION

TAB REV -801 208-10		REV A/W LTR	REVISIONS		
ZONE	DWG NO		DESCRIPTION	DATE	APPROVED
B	8		REPLACES SK 03-1-03-0025 WITH CHANGE SEE DCN 1752, 1760 JFA	1-20-71	DD MOORE JFA
C	A		INCORP DCN #2138 K. KNOWLES	3-22-71	DD MOORE JFA
D	A		IN ITEM 28 VENDOR PT NO WAS 09-18-5061 K KNOWLES 53/H	5-4-73 5-3-71	KP JACKSON J.F.A.
E	A		INC EO4327 MADE SEPARATE PARTS LIST	5-3-73 4-24-73	J. Mayer J. Mayer
E	A	F	INCORP EO 5032	10/23/73	Ed Collier Ed Collier
			900U 10-26-73	10/13/73	Caplin

D
C
B
A
C
D

FOR PARTS LIST SEE PL. 03-1-03-0025

The diagram shows a printed wiring board (PWB) with various components like resistors (R1-R18), capacitors (C1-C12), and integrated circuits (J1-J17). Callouts provide specific assembly instructions:

- Mark "ASSY 03-1-03-0025-801 REV E" /2 HIGH CHARACTERS. COLOR: BLACK, LOCATE APPROX AS SHOWN 44 111-42
- SOCKET (FEMALE) 6 PIN ONLY 27
- 4 PLCS 37 102-42
- SOCKET PIN 0 ONLY (FEMALE) 28
- SOCKET (FEMALE) PIN 5 ONLY 26
- 137-50 INSTALL FROM FAR SIDE 8 PLACES 40
- 66-41 INSTALL FROM FAR SIDE 8 PLACES 39
- SOCKET (FEMALE) PIN 3 ONLY 29
- 67-41 INSTALL FROM NEAR SIDE 6 PLACES 33
- 126-50 INSTALL FROM FAR SIDE 4 PLACES 41
- 83-59 PWB -801

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PARTS LIST

QTY	CTC PART NO.	NOMENCLATURE	VENDOR PART NO	VENDOR	REF DES	ITEM
2200	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AND INCLUDE APPLIED FINISH	DRAWN By J. Mayer 4-23-73	DATE	Computer Terminal Corporation	9725 DATAPPOINT DR SAN ANTONIO, TEXAS 78229 512-896-4520	A
1	TOLERANCES	CHECKED R. Malone 5-3-73	DATE			
	FRACTIONS ± ANGLES ±	DESIGN ENGINEER	DATE			
	DECIMALS ± XXXX ±	PROJECT ENGINEER	DATE			
	MATERIAL	R. Malone	5-3-73			

NOTES: (UNLESS OTHERWISE SPECIFIED)

2. MAX .44 COMPONENT HEIGHT ABOVE BOARD
1. MAX LEAD LENGTH BELOW BOARD TO BE .09 MAX.

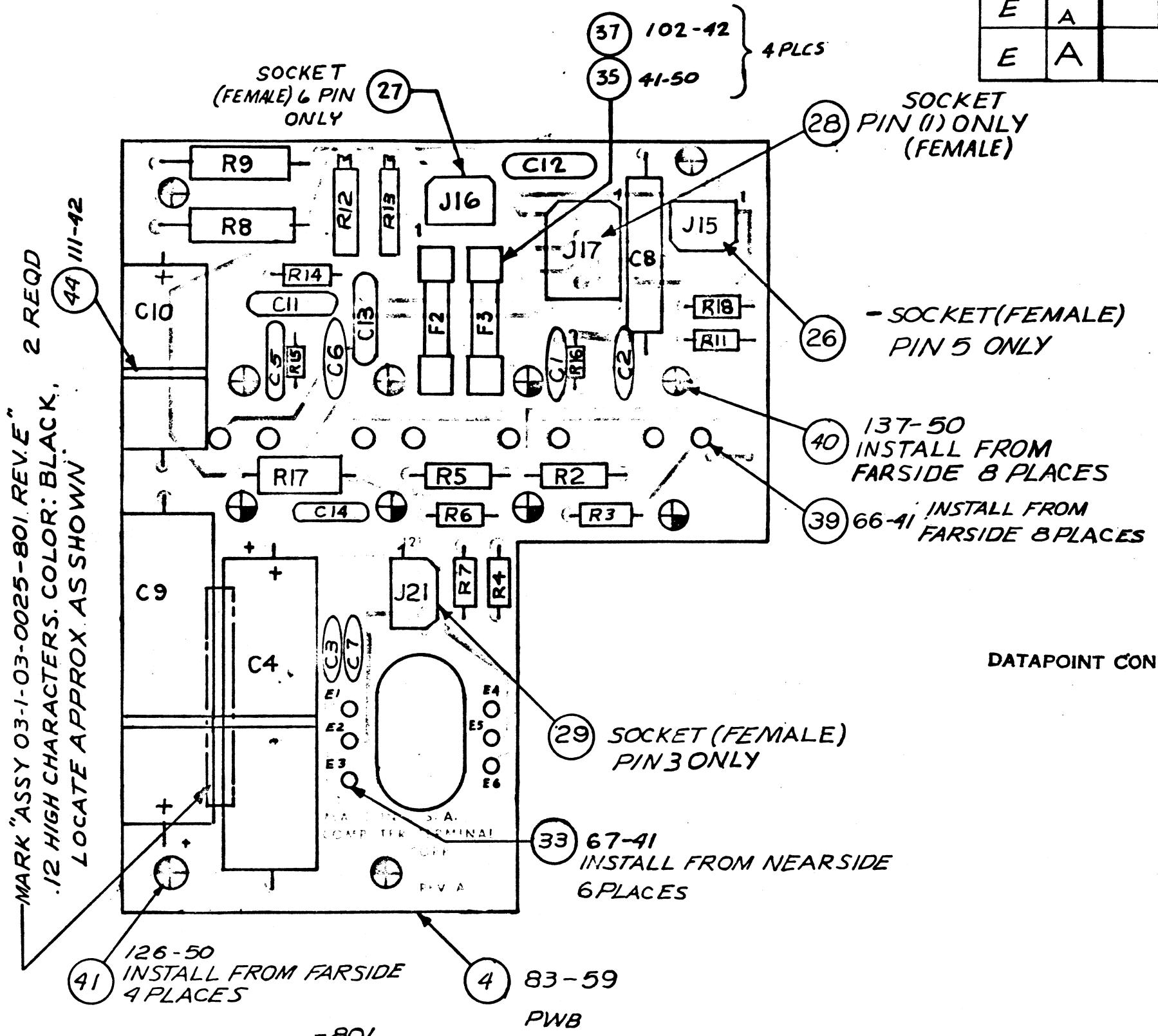
SIZE Dwg No C 03-1-03-0025 F

SCALE 11 P/N 308-10

SHEET 1 of 1

C	A	C	INCORP DCN# 2138 K.KN
D	A	D	IN ITEM 28 VENDOR PT 09-18-5061 K KNOWL
E	A	E	INC EO 4327 MADE SEPARATE PARTS L
E	A	F	INCORP EO 5032

FOLIO 1



DATAPPOINT CONFIDENTIAL INFORMATION

CONFIDENTIAL PROPERTY

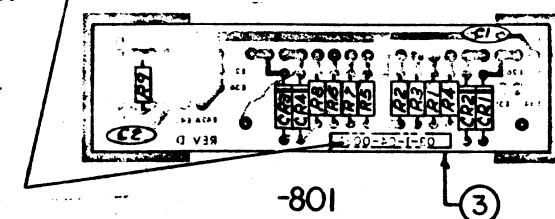
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FOR PARTS LIST SEE PL. 03

REV	REVISIONS				
	ZONE	LET	DESCRIPTION	DATE	APPROVED
A		A	REVISED PER DCN 2134 P. Bagnell 3-6-71	3-9-71	JFC K.P. Johnson
		B	REVISED PER DCN 2096 Ray Dillon 4/20/71	4-27-71	JFC K.P. Johnson
C	C	C	REVISED PER EO 2904 W. LOVAS 6-4-71	6-1-71	JFC K.P. Johnson
C	D		INCORP EO 3502 & REDREW ASSY WITH SEPARATE PARTS LIST G. RODRIGUEZ 12-22-71	1-27-72	JFC K.P. Johnson
C	E		INC. EO 3510 K K. Morales 2/10/72	2-10-72	JFC K.P. Johnson
D	F		INC EO 3514 G SMITH 9-11-72	9-11-72	JFC K.P. Johnson
D	G		INC EO 5082 F&L 10/11/73	10-16-73	JFC K.P. Johnson

MARK "ASSY 03-1-03-0031 -801 REV G"
.12 HIGH CHARACTERS, COLOR BLACK, LOCATE APPROX
AS SHOWN



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EO 5217 OUTSTANDING
EO 5327

FOR PARTS LIST SEE P/L 03-1-03-0031

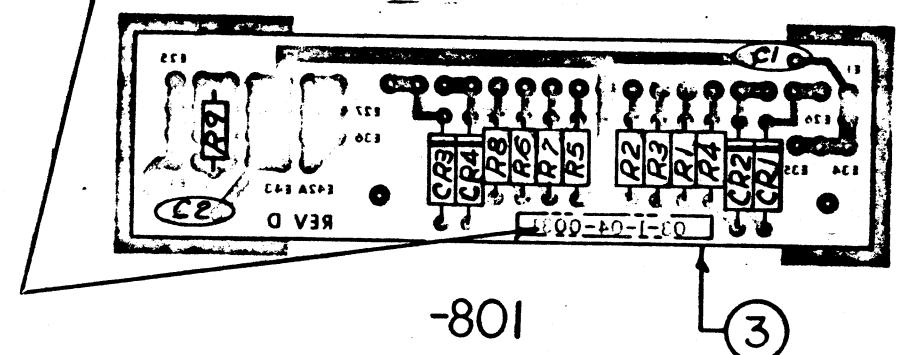
EO 5156 OUTSTANDING (now VOID)

QTY	CTC PART NO.	NOMENCLATURE	VENDOR PART NO.	VENDOR	REF DES	ITEM
PARTS LIST						
2200	USED ON NEXT ASBY	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AND INCLUDE APPLIED FINISH.	DRAWN G. RODRIGUEZ	DATE 12-22-71	 Computer Terminal Corporation 9725 DATAPORT DR. SAN ANTONIO, TEXAS 78229 512-699-0888	
		TOLERANCES FRACTIONS ± ANGLES ± DECIMALS X = ± JX = ± JDX = ±	CHECKED P. Harris	DATE 1-17-72		
		MATERIAL:	DESIGN ENGINEER J. Alexander	DATE 1-31-72		
			PROJECT ENGINEER J. Alexander	DATE 1-31-72		
PWA, TAPE RESISTOR BOARD						
SIZE C		DRAWN NO. 03-1-03-0031	REV G			
SCALE ~	P/N 372-10	SHEET / OF 1				

2. .12 MAX COMPONENT HEIGHT ABOVE BOARD
1. CIRCUITRY ON FAR SIDE OF BOARD, SHOWN FOR CLARITY ONLY
NOTES: (UNLESS OTHERWISE SPECIFIED)

		P. Bryant J-4-
B	C	REVISED PER Ray Dillon
C	D	REVISED 1 W. LOVAS
C	E	INCORP EO 351 WITH SEPARA
C	F	INC EO 351.
D	G	INC EO 508

MARK "ASSY 03 - 1 - 03 - 0031 - 801 REV G"
.12 HIGH CHARACTERS, COLOR BLACK, LOCATE APPROX
AS SHOWN



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DATAPPOINT CONFIDENTIAL INFORMATION

FOR PARTS LIST SEE

REVISION TABLE		REVIEWS			
ENGR NO.	MFG NO.	ASSY REV	A/W REV	ENG APPV	
-801	315-10	N	D	7/25	
-802	500-10	N	D	7/25	

MARK "ASSY 03 - 1 - 03-0032 - 801 REV M: -802 REV N"
.12 HIGH CHARACTERS, COLOR BLACK, LCCATE APPROX AS SHOWN

-801 (315-10)
-802 (500-10)

E0 5/91 OUTSTANDING

FOR PARTS LIST SEE P/E 03-1-03-0032

QTY	CTC PART NO.	NOMENCLATURE	VENDOR PART NO.	VENDOR	REF DES	ITEM

PARTS LIST

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AND INCLUDE APPLIED FINISH.	DRAWN	DATE
	G.RODRIGUEZ	12-22-71
TOLERANCES		
FRACTIONS \pm	ANGLES \pm	
$X = \pm$	$XX = \pm$	
DECIMALS		
MATERIAL:		

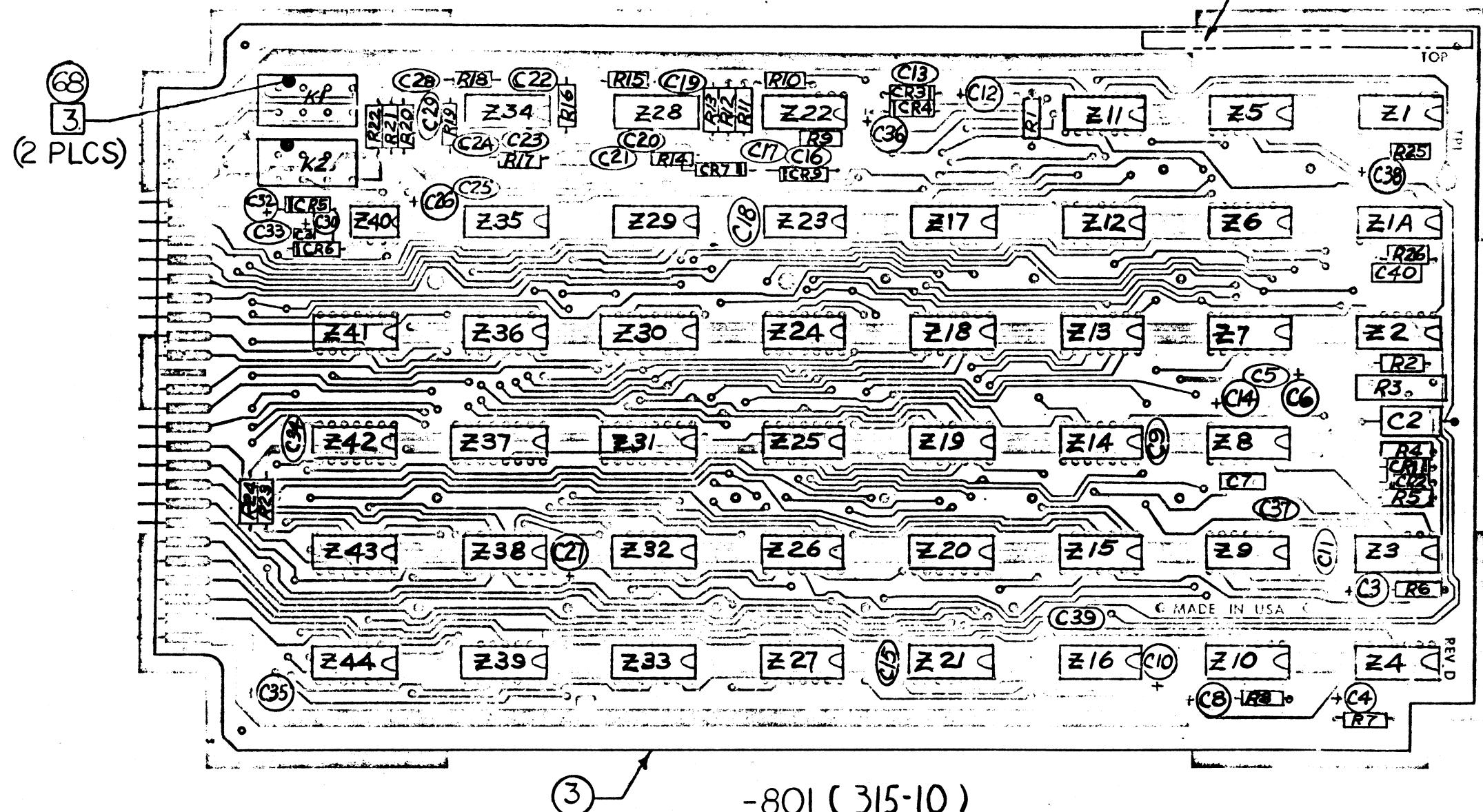
Computer Terminal Corporation
8725 DATAPORT BL.
SAN ANTONIO, TEXAS
78229
512-696-4520

PWA, DEMODULATOR

SIZE	DRAWN NO.	REV
C	03-1-03-0032	N
SCALE	0315-10 : -802, 500-10	1 OF 1

B	B	INCORP. E
B.	C	INCORP. DCN
B.	D	INCORP E.O.
C	E	INCORP E.O. WITH SEPARA ADDED TO L11
C	F	INCORP. EO 3: ING HOLES G. RC
C	G	INCORP EO
C	H	INCORP EO
D	J	INC E.O. 35
D	K	INCORP EO.
D	L	INCORP EO 393
D	M	INC EO 43
D	N	INC EO 50

MARK "ASSY 03 - 1 - 03-0032 - 801 REV M; -802 REV N"
.12 HIGH CHARACTERS, COLOR BLACK, LOCATE APPROX AS SHOWN



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DATAPOINT CONFIDENTIAL INFORMATION

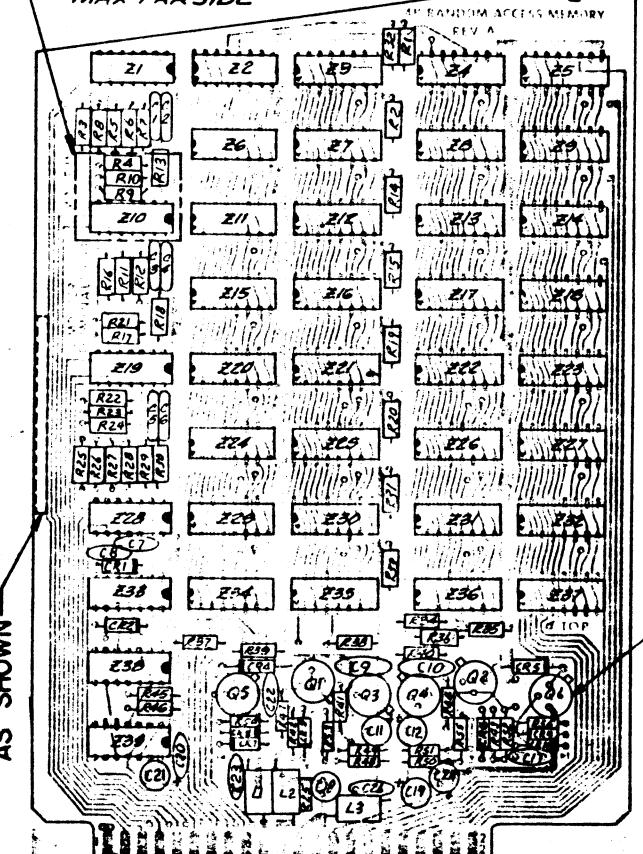
FOR PARTS LIST SEE P/L 03-1

CTC PART NO	NOMENCLATURE	VEN PA
QTY		

REVISION TABLE				
ENGR TAB NO	MFG NO	ASSY REV	A W REV	ENGR APPVD
-801	408-10	E	B	X1G

A/N REV	ZONE LET	REVISIONS	
		DESCRIPTION	DATE APPROVED
A	A	REVISED PER ENGR CHANGE AND CORRECTED COMP INTERFERENCE ADDED PROVISIONS FOR BUS BAR	2-1-72 X1G Dill
A	B	INC EO 3654. H. K. Nowels 2/29/72	3/8/72 T. B. Dill
A	C	INCORP EO3866 M VICKERS 9-11-72	9-11-72 R. J. Dill
B	D	INCORP EO2878 M VICKERS 2/21/78	2/21/78 R. J. Dill
B	E	INCORP EO2895 M VICKERS 3/21/78	3/21/78 R. J. Dill

CLIP LEADS TO .04
MAX FAR SIDE



-801

MARK "ASSY 03-1-03-0033 -801 REV E"
.12 HIGH CHARACTERS, COLOR BLACK, LOCATE APPROX
AS SHOWN

DATAPPOINT CONFIDENTIAL INFORMATION

FOR PARTS LIST SEE PL 03-1-03-0033

EO 5210 OUTSTANDING
EO 5211

QTY	CTC PART NO.	NOMENCLATURE	VENDOR PART NO.	VENDOR	REF DES	ITEM
PARTS LIST						
<p>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AND INCLUDE APPLIED FINISH.</p> <p>DRAWN BY <i>W. Burrell</i> DATE <i>24 NOV 1971</i> CHECKED BY <i>R. H.</i> DATE <i>1-7-72</i></p> <p>TOLERANCES</p> <p>FRACTIONS \pm ANGLES \pm DECIMALS \pm DEGREES \pm $J = \pm$ $JX = \pm$ $JXX = \pm$</p> <p>DESIGN ENGINEER <i>A. J. Burrell</i> DATE <i>2-11-72</i> PROJECT ENGINEER <i>J. M. Tammam</i> DATE <i>2/11/72</i></p> <p>Computer Terminal Corporation 8725 DATAPPOINT DR. SAN ANTONIO, TEXAS 78229 512-966-4320</p> <p>MATERIAL: Circuit Board</p> <p>PRINTED WIRING ASSEMBLY 4K RANDOM ACCESS MEMORY</p> <p>SIZE C DWG NO. 03-1-03-0033 REV E</p> <p>SCALE 1/1 CTC P/N 408-10 SHEET 1 OF 1</p>						

I. MAX. COMPONENT HEIGHT ABOVE BOARD TO BE .41.
MAX. LEAD LENGTH BELOW BOARD TO BE .09.

NOTES: (UNLESS OTHERWISE SPECIFIED)

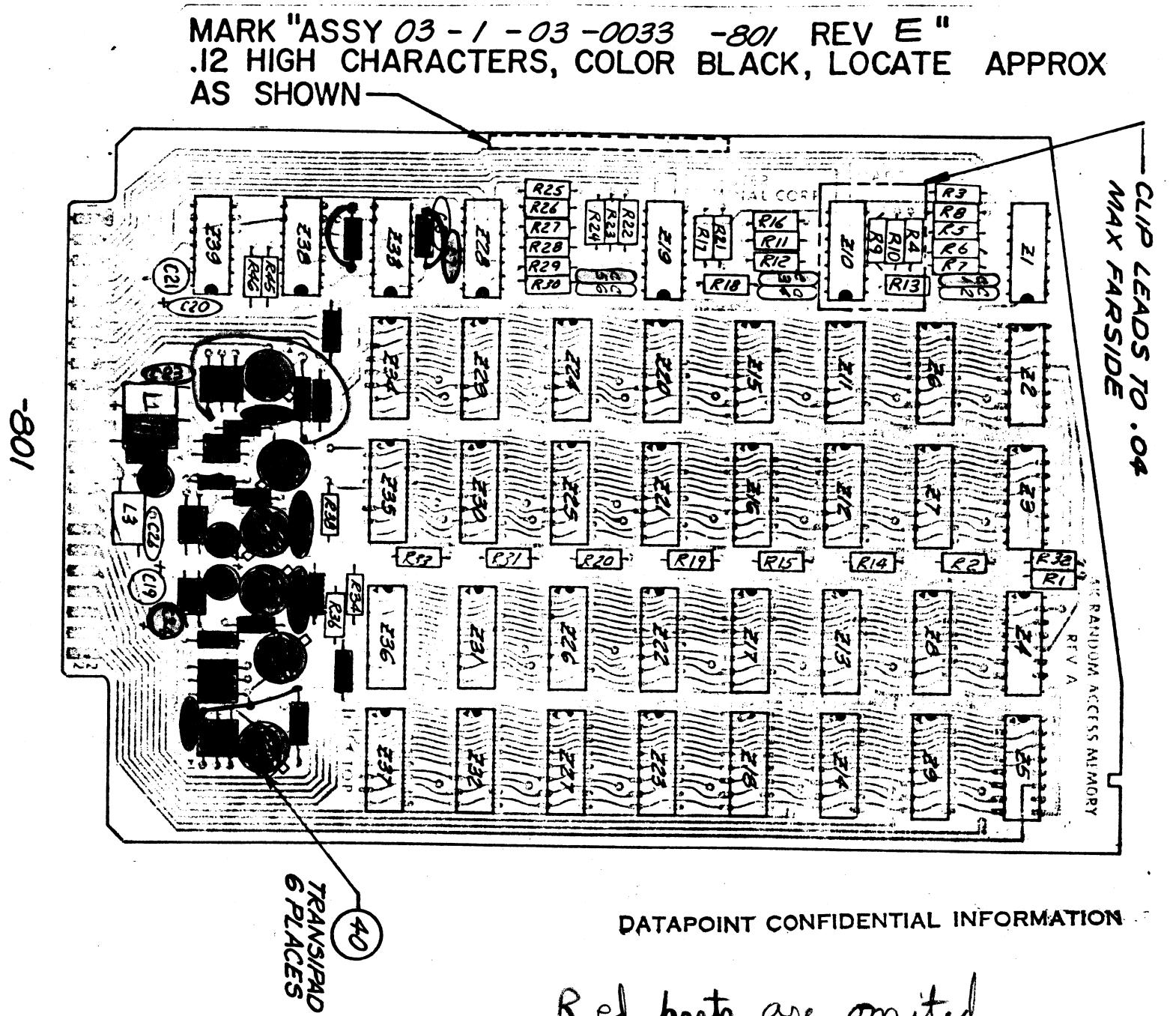
4

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	ENGR
	TAB NO
-801	

DATAPoint CONFIDENTIAL INFORMATION

Red parts are omitted
Blue - jumpers



-801

	QTY	
-109-0001	2200	
NEXT ASSY	USED ON	
		CTC PART NO
UNLESS DIMENS. INCL'D		
FRACTIONS		
X = ±		
MATERIAL:		

NW REV LTR	ZONE	LET	REVISIONS		
			DESCRIPTION	DATE	APPROVED
-	A		INCORP EO3597 M WICKERS 5-14-72 5-14-72	5-14-72	11/3/73
A	B		INCORP EO4203 M WICKERS AND EO3989 4/15/73	4-16-73	11/3/73

D

D

C

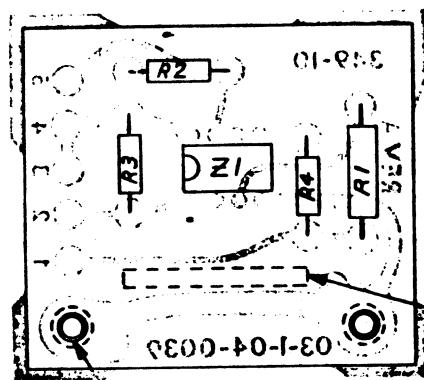
C

B

B

A

A



181-50
12
INSTALL STANOFF FROM FAR SIDE,
SWAGE NEAR SIDE (2 PLS)

-801

MARK ASSY 03-1-03-0039 -801 REV B
.12 HIGH CHARACTERS, COLOR BLACK,
LOCATE APPROX AS SHOWN

DATAPPOINT CONFIDENTIAL INFORMATION

FOR PARTS LIST SEE PL 03-1-03-0039

NOTES: (UNLESS OTHERWISE SPECIFIED)

QTY	CTC PART NO.	NOMENCLATURE	VENDOR PART NO.	VENDOR	REF DES	ITEM	PARTS LIST									
							USED	NEXT ASSY	DRAWN J.T. Fletcher	DATE 8-5-71	CHECKED K.P. Johnson	DATE 8-10-71	DESIGN ENGINEER J.F. Alexander	DATE 9-7-71	PROJECT ENGINEER J.C. Estes	DATE 9-7-71
	2200						UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AND INCLUDE APPLIED FINISH.						Computer Terminal Corporation 8725 DATAPPOINT DR. SAN ANTONIO, TEXAS 78228 512-966-6200			
	03-1-03-001						TOLERANCES FRACTIONS \pm ~ ANGLES \pm ~ $X = \pm$ ~ $JX = \pm$ ~ $JXX = \pm$ ~									
							MATERIAL:									

PRINTED WIRING ASSY
SPEAKER DRIVER CARD

03-1-03-0039

B

3

2

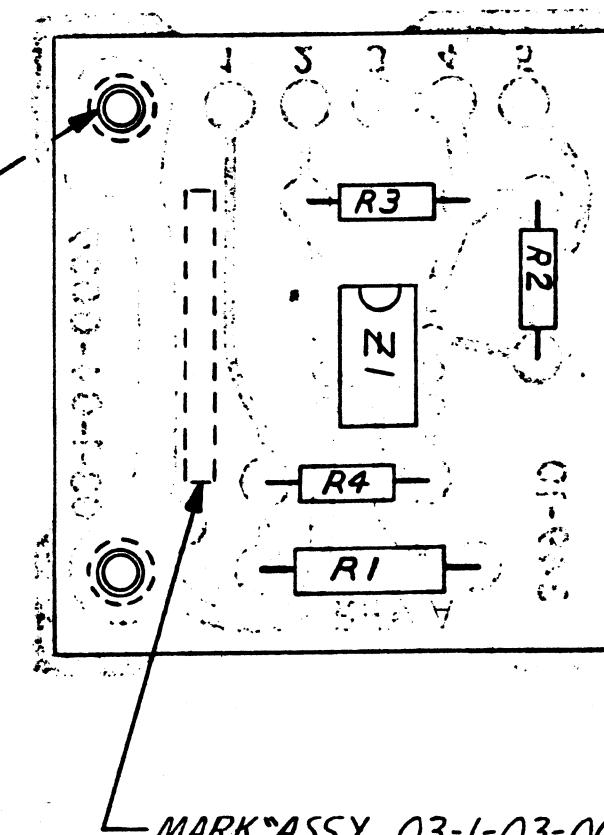
A	-
REV LTR	

03-1-03-0039

-801	03-1-03-0001	2200	DASH	NEXT ASSY	USED ON	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AND INCLUDE APPLIED FINISH.	DRAWN <i>J.T. Hester</i>	CTC PART NO.	NOMENCLATURE	PAR
						FRACTIONS $\pm \sim$	TOLERANCES	ANGLES $\pm \sim$		
						DECIMALS $x - \pm \sim$		$xx - \pm \sim$	$xxx - \pm \sim$	
			MATERIAL:							
										PROJECT ENGINEER
										<i>J.P. Ahern, Jr.</i>
										See D-Stein

-801

181-50
 12
 INSTALL STANOFF FROM FARSIDE,
 SWAGE NEAR SIDE (2 PLS)



MARK "ASSY 03-1-03-0039 -801 REV B"
 .12 HIGH CHARACTERS, COLOR BLACK,
 LOCATE APPROX AS SHOWN

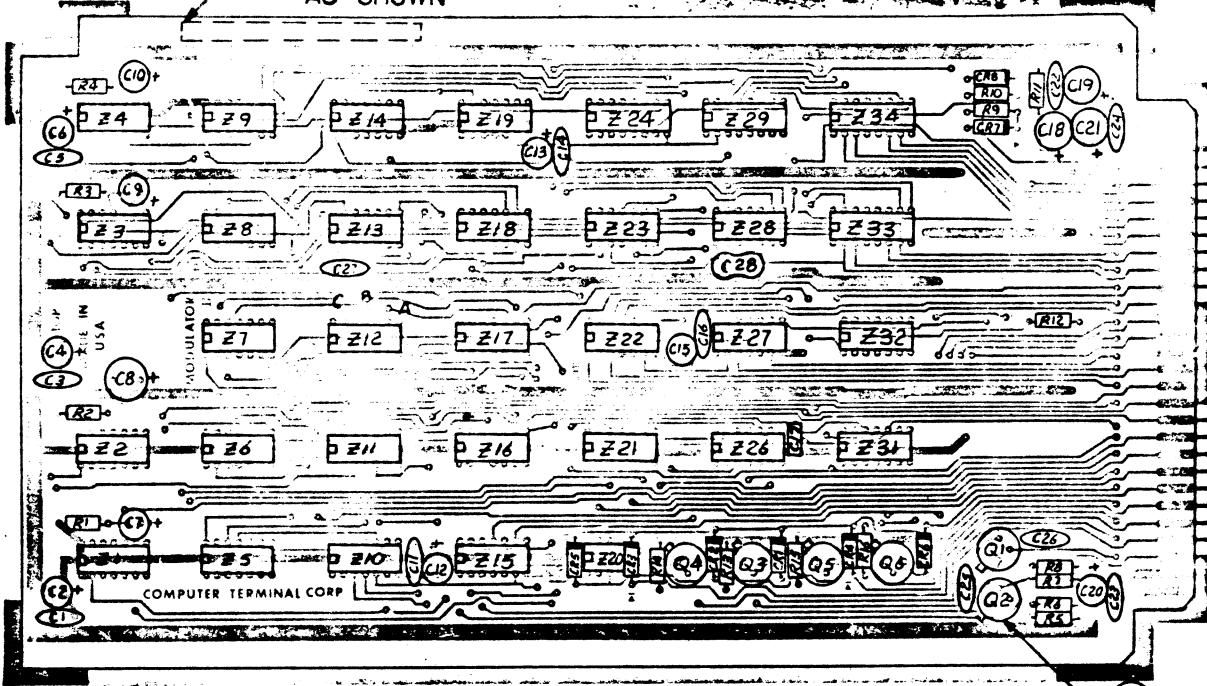
DATAPPOINT CONFIDENTIAL INFORMATION

2

1

REVISION TABLE				
ENGR NO.	MFG NO.	ASSY REV	A/W REV	ENG APPV
801	420-10	B	-	MSB
802	499-10	B	-	MSB

— MARK "ASSY 03-1 -03-0042-801 REV B OR -802 REV B",
.12 HIGH CHARACTERS, COLOR BLACK, LOCATE APPROX
AS SHOWN



5 TRANSIPADS
6 PLES

~~- .37 MAX COMPONENT HEIGHT
ABOVE BOARD~~

A diagram consisting of several horizontal lines. A solid horizontal line has a dashed horizontal extension above it. A vertical line with two downward-pointing arrows at its top end points down to a solid horizontal line below. This lower solid line also has a dashed horizontal extension to its right.

-801 (420-10)
-802 (499-10)

FOR PARTS LIST SEE PL03-I-03-0042

MFG NO.	ENGR NO.	DESCRIPTION	INSTALL JUMPER	
			FROM	TO
420-10	801	RECORD SPEED 3840 BPS (7.5 IPS)	A	C
499-10	802	RECORD SPEED 7680 BPS (15 IPS)	A	B

4. INSTALL JUMPER WIRES PER JUMPER LIST

NOTES: (UNLESS OTHERWISE SPECIFIED)

Q T Y	CTC PART NO.	NOMENCLATURE	VENDOR PART NO.	VENDOR	REF DES	ITEM
		PARTS LIST				
<p>ER</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<p>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AND INCLUDE APPLIED FINISH.</p> <p>TOLERANCES</p> <p>FRACTIONS \pm ANGLES \pm</p> <p>DECIMALS \pm</p> <p>$X = \pm$ $JX = \pm$ $JDX = \pm$</p> <p>MATERIAL:</p>	DRAWN	G RODRIGUEZ	DATE	<p>Computer Terminal Corporation</p>  <p>8725 BATPOINT DR. SAN ANTONIO, TEXAS 78228 512-696-4528</p>	
		CHECKED	P. Harris	2-14-72		
		DESIGN ENGINEER	S. J. Alexander	2-21-72		
		PROJECT ENGINEER	S. J. Alexander	2-21-72		
			Joe Custer	2-21-72		
			PRINTED WIRING ASSY.			
			MODULATOR II			
			SIZE		DWG NO.	REV
			C		03-1-03-0042	C
			SCALE	1 / 1	DAFT PIN 420-10	SHEET 1 OF 1

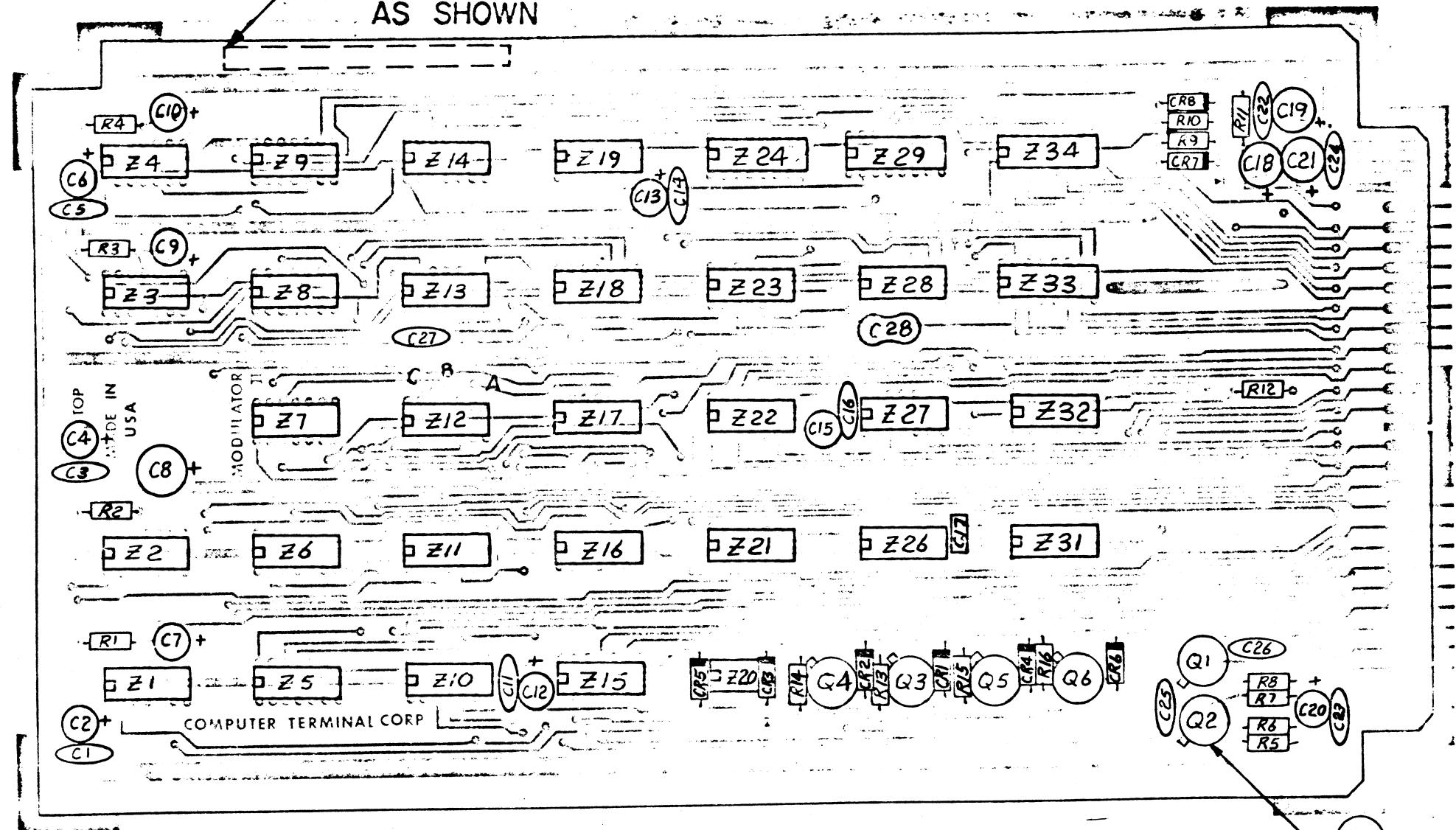
PRINTED WIRING ASSY.

SIZE C		DWG NO. 03-1-03-0042	REV C
SCALE 1/1	DAFT P/N 420-10	SHEET 1	OF 1

REVISION TABLE				
ENGR NO.	MFG NO.	ASSY REV	A/W REV	ENG APPV
-801	420-10	B	-	MSB
-802	499-10	B	-	MSB

AW REV LTR	ZONE	LET	DESC
-	-	A	INC. EO #395
-	-	B	INC EO #395 EO 4331
-	-	C	INC EO 4331

MARK "ASSY 03-1-03-0042-801 REV B OR -802 REV B",
.12 HIGH CHARACTERS, COLOR BLACK, LOCATE APPROX
AS SHOWN



45 TRANSIPADS
6 PLCS

.37 MAX COMPONENT HEIGHT
ABOVE BOARD

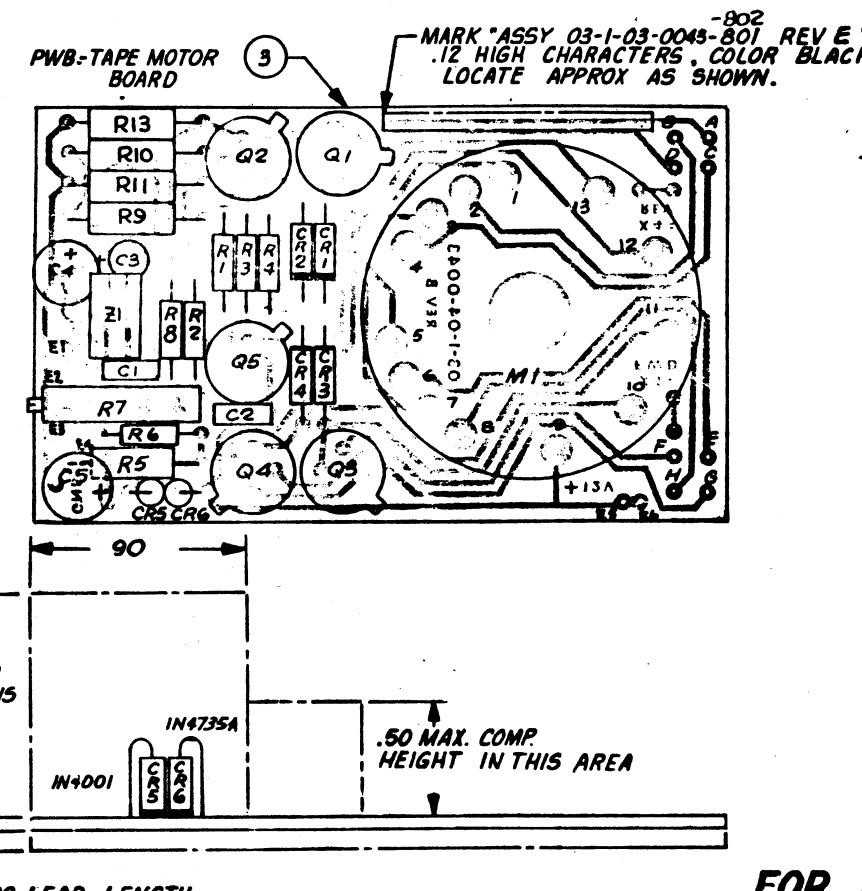
DATAPoint CONFIDENTIAL INFORMATION

This item
Texas, and
item may n
except as a
limited pur
must be re
completion
Neither
or disclosed
consistent
consent of

JUMPER LIST			
DASH NO.	DESCRIPTION	INSTALL FROM	JUMPER TO
-801	FORWARD	A	C
		B	D
		E	G
		F	H
		A	B
-802	REVERSE	C	D
		E	F
		G	H

REVISION TABLE				
ENGR TAB NO	MFG NO	ASSY REV	A W REV	ENGR APPVD
-801	422-10	E	B	W Day
-802	444-10	E	B	W Day

AW REV LTR	ZONE LET	REVISI		APPROVED
		DESCRIPTION	DATE	
A	A	INC. EO 3740 A. Moon 7/20/72	7/20/72	W Day
B	B	INCORP EO 3743 C4 WAS 47MF,15V 2-18-73 M VICKERS	2-26-73	W Day
B	C	INCORP EO 3745 M VICKERS 2/22/73	2-22-73	W Day
B	D	INCORP EO 3747 M VICKERS 2/22/73	2-22-73	W Day
B	E	INCORP EO 3748 M VICKERS 2/22/73 (4 EO 3888, MPG ONLY)	2-22-73	W Day



DATAPPOINT CONFIDENTIAL INFORMATION

FOR PARTS LIST SEE PL-03-1-03-0043

QTY	CTC PART NO.	NOMENCLATURE	VENDOR PART NO.	VENDOR	REF DES	ITEM
PARTS LIST						
2200	2200	USED ON	DRAWN H. H. Jacobs	DATE 2/24/72	Computer Terminal Corporation	
03-1-03-0200	03-1-03-0200	NEXT ASSY	CHECKED <i>Done 03-22-72</i>	DATE 2-29-72	6720 DATAPPOINT DR. SAN ANTONIO, TEXAS 78220 512-988-4520	
-802	-801	DASH	DESIGN ENGINEER Mike Douglas	DATE 4-8-72		
MATERIAL:						
PROJECT ENGINEER JF Alexander						
DATE 4-10-72						
Joe Steen						
SIZE C	DWG NO. 03-1-03-0043	REV E	SCALE 2/1 CTC P/N: 03-1-03-0043 SHEET 1 OF 1			

CRS & CRG WERE SELECTED FOR TEMPERATURE COMPENSATION AND MAY NOT BE SUBSTITUTED.

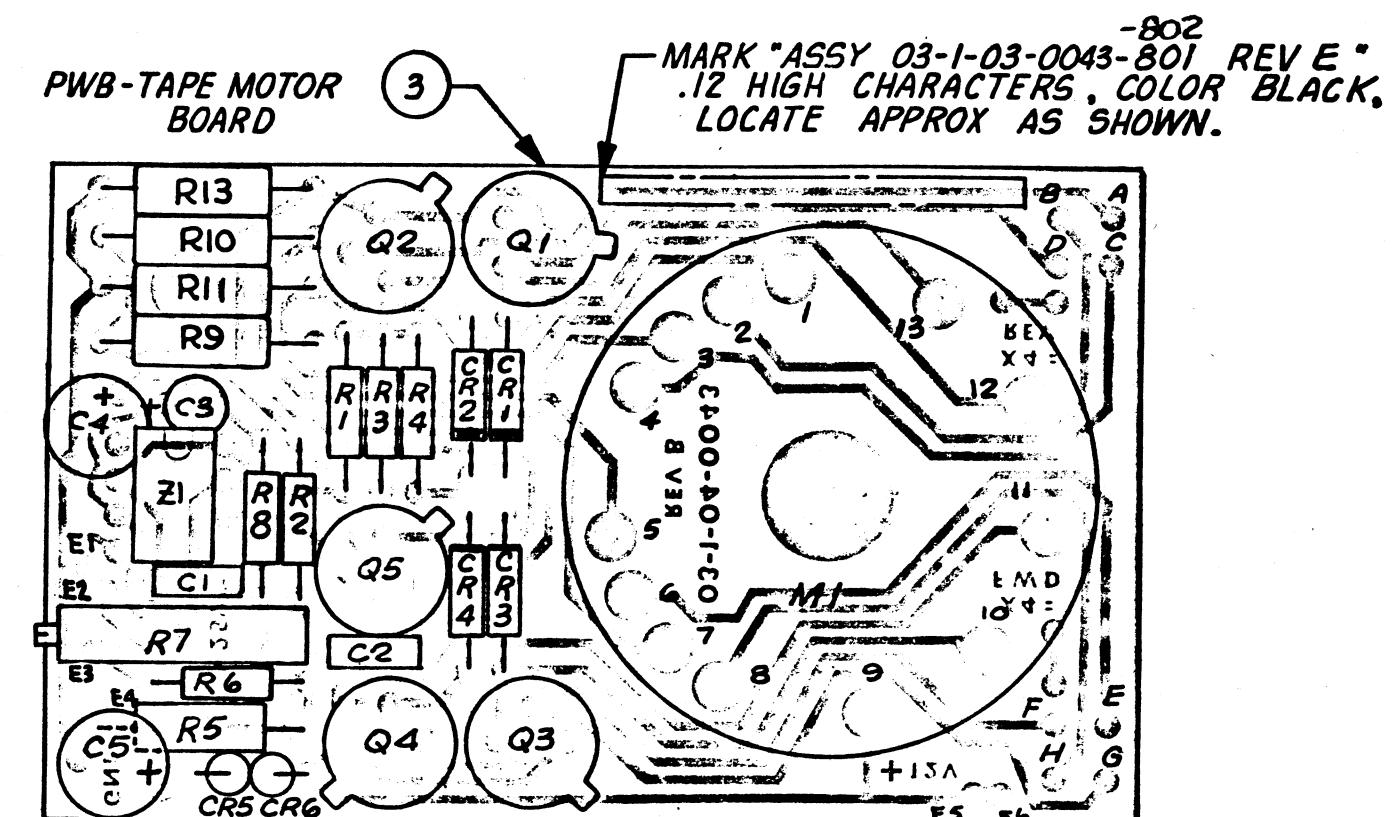
1 CIRCUITRY IS ON FAR SIDE AND IS SHOWN FOR REF ONLY.

NOTES: (UNLESS OTHERWISE SPECIFIED)

-802 | 444-101 E | B 140

D	-801	FORWARD	A B E F	C D G H
.	-802	REVERSE	A C E G	B D F H

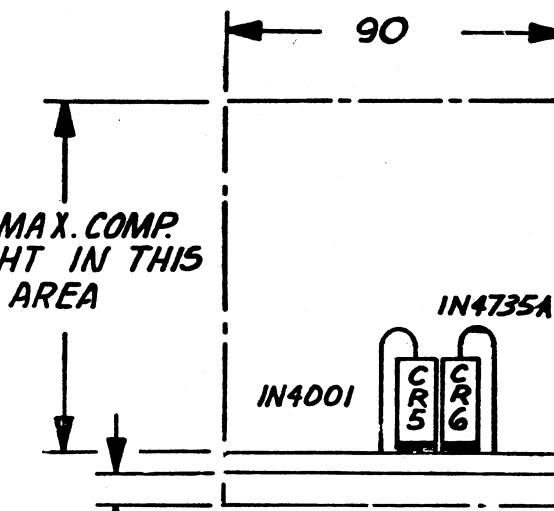
U	U	C4 WAS
B	C	INCORP
B	D	INCORP
B	E	INCORP E (& EO 38)



DATAPPOINT CONFIDENTIAL INFORMATION

B

.10 MAX. COMP.
HEIGHT IN THIS
AREA



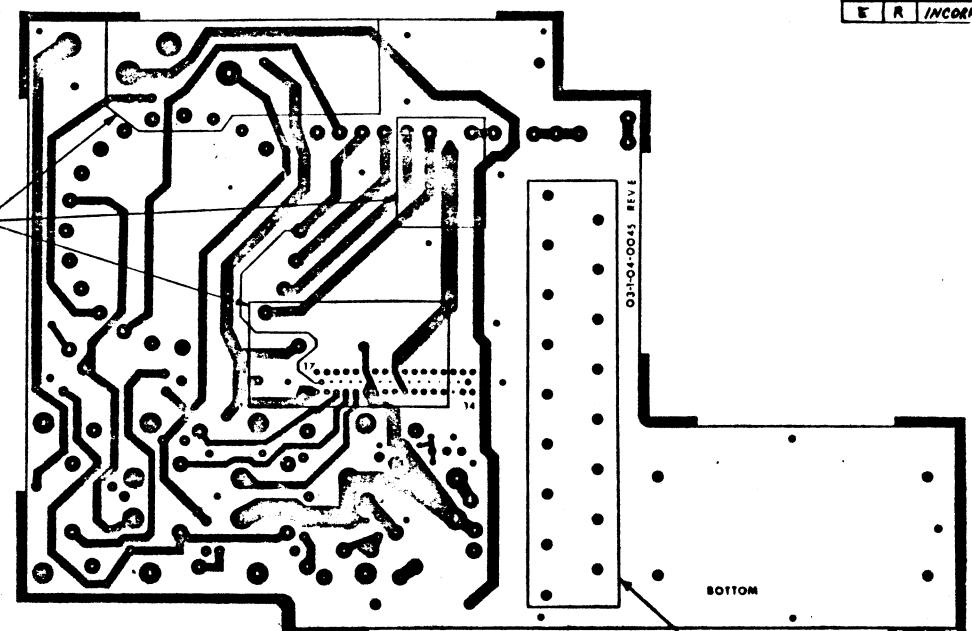
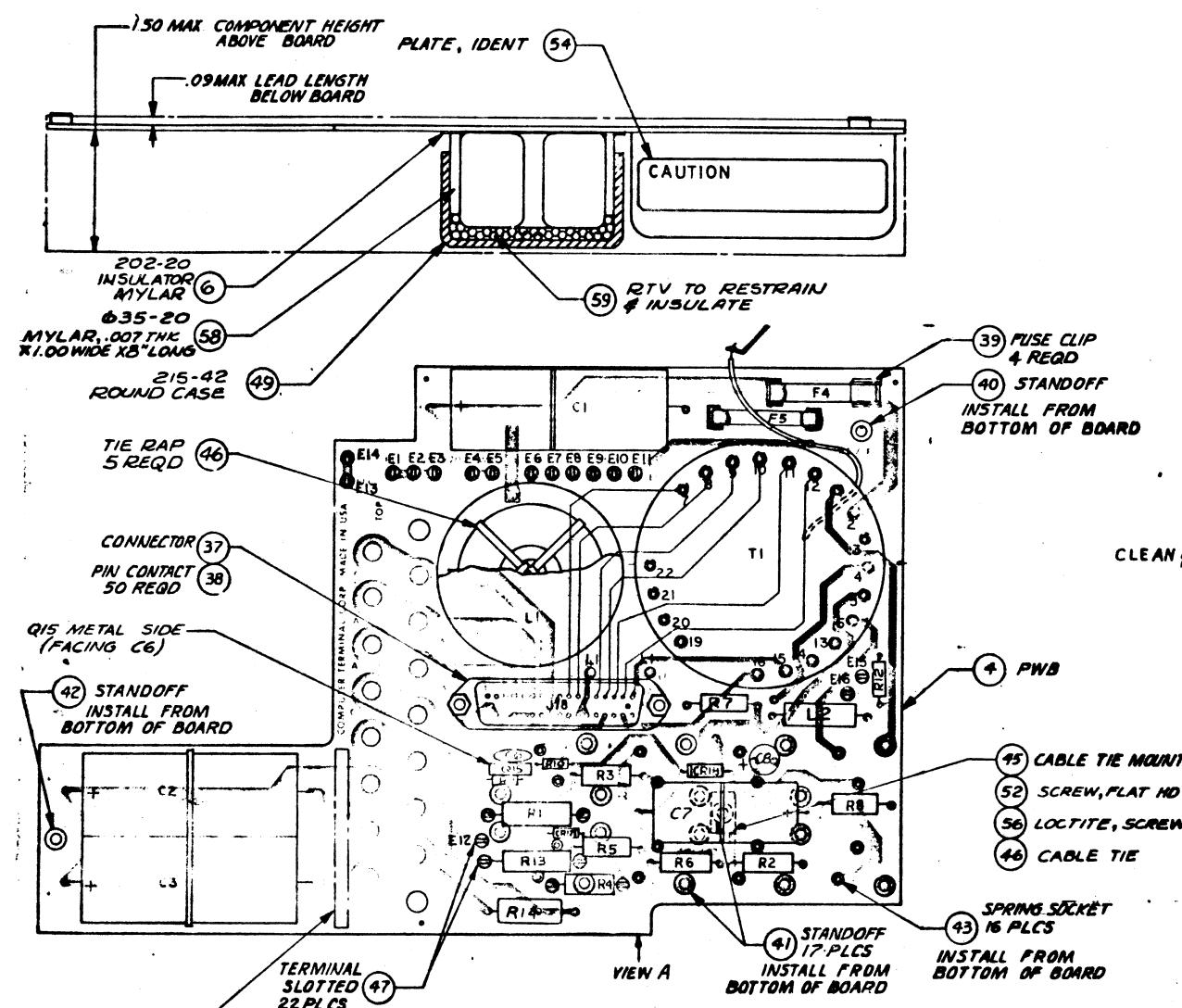
.50 MAX. COMP.
HEIGHT IN THIS AREA

.09 LEAD LENGTH
BELOW BOARD

FOR PARTS LIST SEE

REVISION TABLE				
ENGR TAB NO	MFG NO	A/SY REV	A/W REV	ENGR APPVD
-801	441-10	R	E	11/15
-802	447-10	R	S	11/15

REV N TR	LET	REVISIONS		APPROVED
		DESCRIPTION	DATE	
A	A	INC EO 2817 Q u 4-12-72	4-12-72	J. C. L.
A	B	INCORP EO 3673 M VICKERS 5-18-72	5-18-72	J. C. L.
C	C	INCORP EO 3524 R J.M. S-16-72	5-26-72	J. C. L.
D	D	INC EO 3927 J. Smith 7-25-72	7-25-72	J. C. L.
E	E	INC EO 3929 J. Smith 7-25-72	7-25-72	J. C. L.
F	F	INC EO 3820 J. Smith 7-25-72	7-25-72	J. C. L.
G	G	INC EO 3931 J. Smith 7-25-72	7-25-72	J. C. L.
H	H	INC EO 3932 J. Smith 9-11-72	9-11-72	J. C. L.
J	J	INC EO 3486 J. Smith 9-11-72	9-13-72	J. C. L.
K	K	INC EO 3489 J. Smith 9-12-72	9-13-72	J. C. L.
L	L	INC EO 4087 M VICKERS 11-13-72	11-13-72	J. C. L.
M	M	INCORP EO 3496 M VICKERS 8-8-73	8-8-73	J. C. L.
N	N	EO 3497 MANUFACTURING M VICKERS 8-18-73	8-24-73	J. C. L.
P	P	INCORP EO 4049 M VICKERS M VICKERS 8-18-73	8-24-73	J. C. L.
R	R	INCORP EO 9136 C. Lane 5-10-73	5-10-73	J. C. L.



**MASK THIS AREA & STANDOFFS
AS NECESSARY TO ASSURE THESE
AREAS REMAIN FREE OF
CONFORMAL COATING**

EO 5144 REF. , 5224
EO 4479 OUTSTANDING

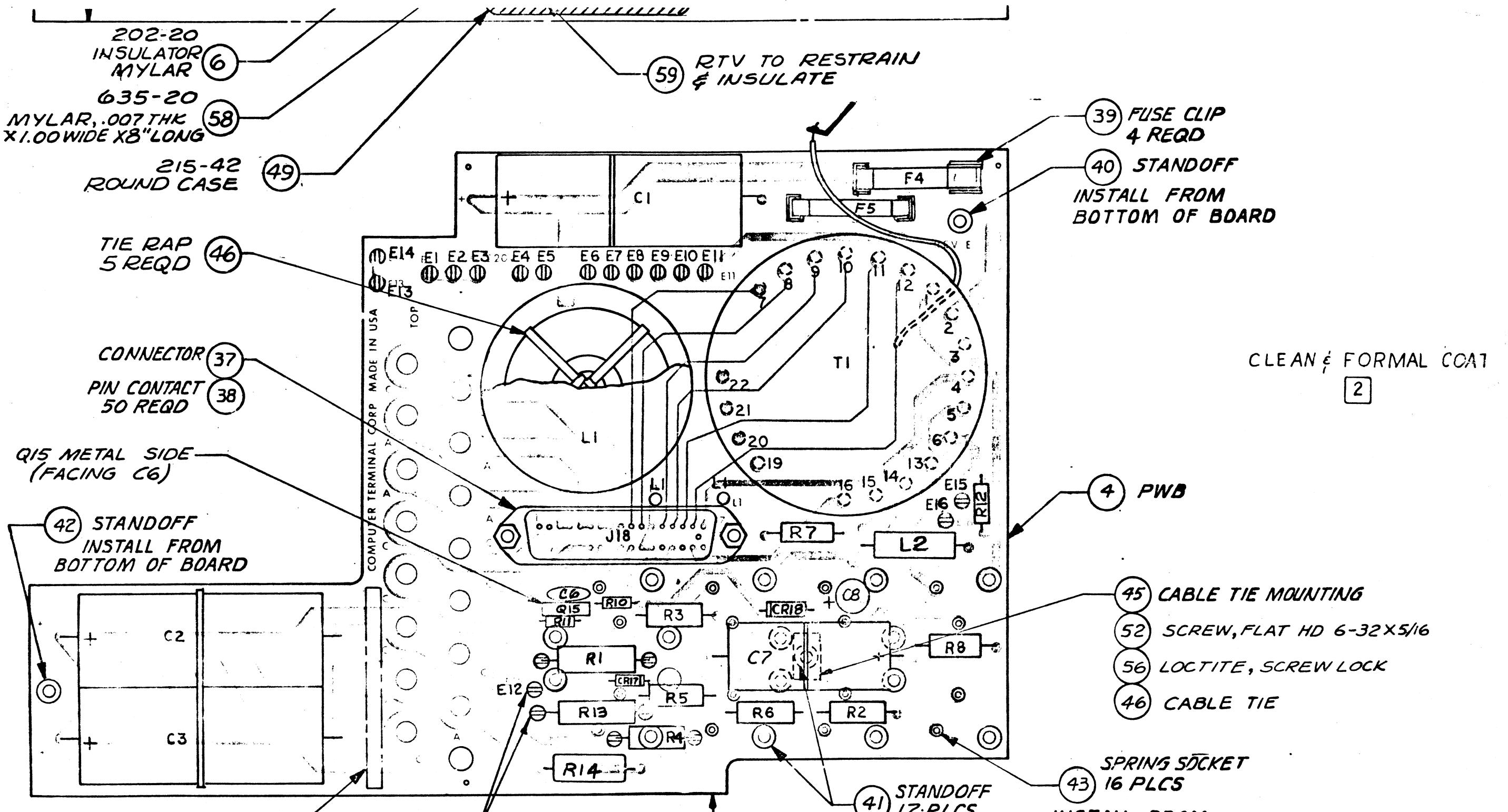
DATAPoint CONFIDENTIAL INFORMATION

FOR PARTS LIST SEE PL 03-1-03-0045

[2] CONFORMAL COAT PER THE FOLLOWING PARA.;
THE THICKNESS OF THE CONFORMAL COATING WILL BE SUFFICIENT
TO WITHSTAND 1 KV RMS FOR ONE (1) SECOND WITH VOLTAGE
APPLIED BETWEEN EITHER POWER LEAD AND CHASSIS GRD.
WITHOUT ARCING OR BREAKDOWN. USE PAN AMERICAN
RESEARCH CO. PC101 OR AN ENGR. APPR. EQUIV.

TIGHTEN TO 8 INCH LBS TORQUE MAX.

NOTES: (UNLESS OTHERWISE SPECIFIED)



MARK "ASSY 03-1-03-0045-⁸⁰¹₈₀₂ REV R"
.12 HIGH CHARACTERS, COLOR BLACK, LOCATE
APPROX AS SHOWN

-801 (110V)
-802 (220V)

DATAPPOINT CONFIDENTIAL INFORMATION

4 40 THREADED
HEX STUD
2 NO.4 FLAT
WASHERS

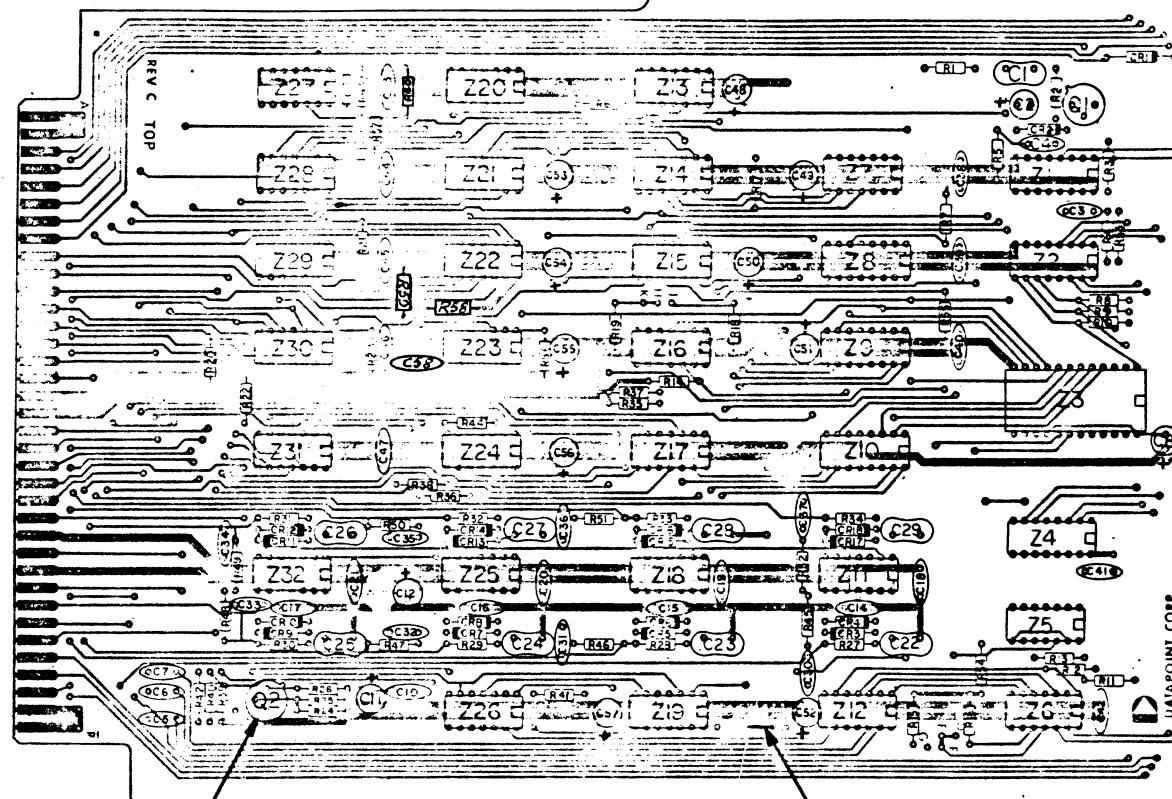
2

6

REVISION TABLE			
ENGR NO	MFG NO	ASSY REV	A/W REV
-801	470-10	E	C
-802	515-10	E	C
-803	551-10	-	C

MARK "ASSY 03-1-03-0046-801 REV., -802 REV., OR-803 REV—" /
.12 HIGH CHARACTERS, COLOR BLACK, LOCATE APPROX
AS SHOWN

JUMPER TABLE		
DESCRIPTION	FROM	TO
-801 & -803 STANDARD JUMPERS	B D H	C E K
-802 KATAKANA	H J B	K E C



66 TRANSIPADS
2PLCS

- 801 SHOWN P/N 470-10 SWEDISH /14
- 802 P/N 515-10 KATAKANA
- 803 P/N 551-10 SWEDISH /142 E

— 67 — WIRE, 22 AWG
SEE JUMPER TABLE

FOR PARTS LIST SEE PL03-1-03-0048

2. MAX LEAD LENGTH BELOW BOARD
TO BE .09

- I. MAX COMPONENT HEIGHT ABOVE BOARD
TO BE .41

NOTES: (UNLESS OTHERWISE SPECIFIED)

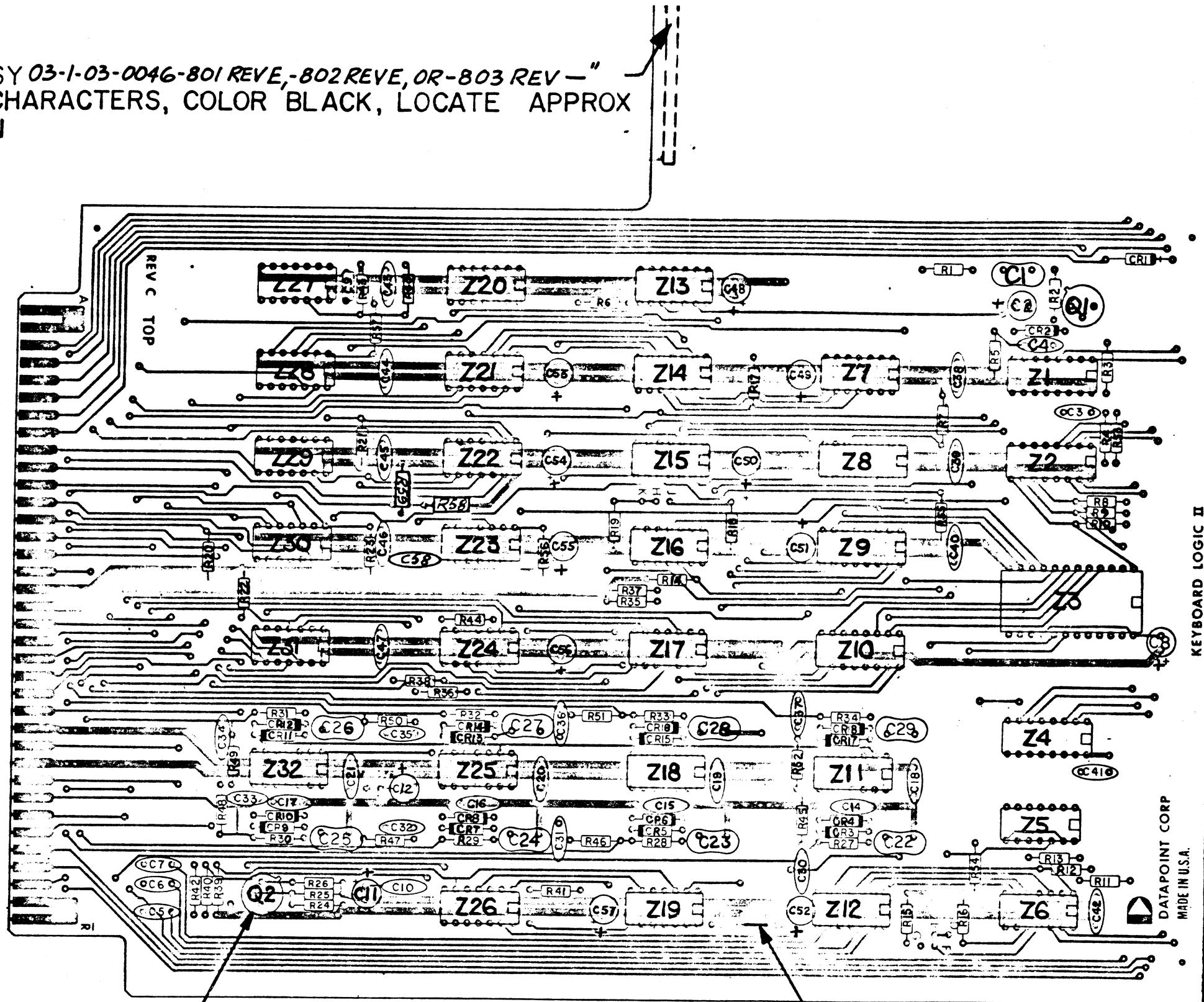
QTY	CTC PART NO.	NOMENCLATURE	VENDOR PART NO.	VENDOR	REF DES	ITEM
PARTS LIST						
2200	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AND INCLUDE APPLIED FINISH.		DRAWN <i>J Smith</i>	DATE 5-11-72	Computer Terminal Corporation  9725 DATAPORT DR. SAN ANTONIO, TEXAS 78228 512-696-4528	
	TOLERANCES		CHECKED <i>Demone</i>	DATE 6/22/72		
	FRACTIONS ±	ANGLES ±	DESIGN ENGINEER	DATE		
	X - ±	DECIMALS XX - ±				
03-1-03-0046	MATERIAL:		PROJECT ENGINEER <i>J I Arrell</i>	DATE 6-26-72	<i>PWA, KEYBOARD LOGIC II</i>	
-803	-802	-801	DASH	SIZE C	DWG NO. 03-1-03-0046	REV E
				SCALE 1/1	PN - 801:470-10 - 802:515-10	SHEET 1 OF 1

KME 19 9533-0 FORMA

MARK "ASSY 03-1-03-0046-801 REV E, -802 REV E, OR-803 REV C"
.12 HIGH CHARACTERS, COLOR BLACK, LOCATE APPROX
AS SHOWN

B	D	INC EO 2885, M
C	E	INC EO 4281, EO

JUMPER TABLE		
DESCRIPTION	FROM	TO
STANDARD JUMPERS	B	C
	D	E
	H	K
-802 KATAKANA	H	K
	J	E
	B	C



66 TRANSIPADS
2PLCS

- 801 SHOWN P/N 470-10 SWEDISH/141
- 802 P/N 515-10 KATAKANA
- 803 P/N 551-10 SWEDISH/142

NOMENCLATURE

VENDOR
PART NO.

CTC PART NO.	QTY

FOR PARTS LIS

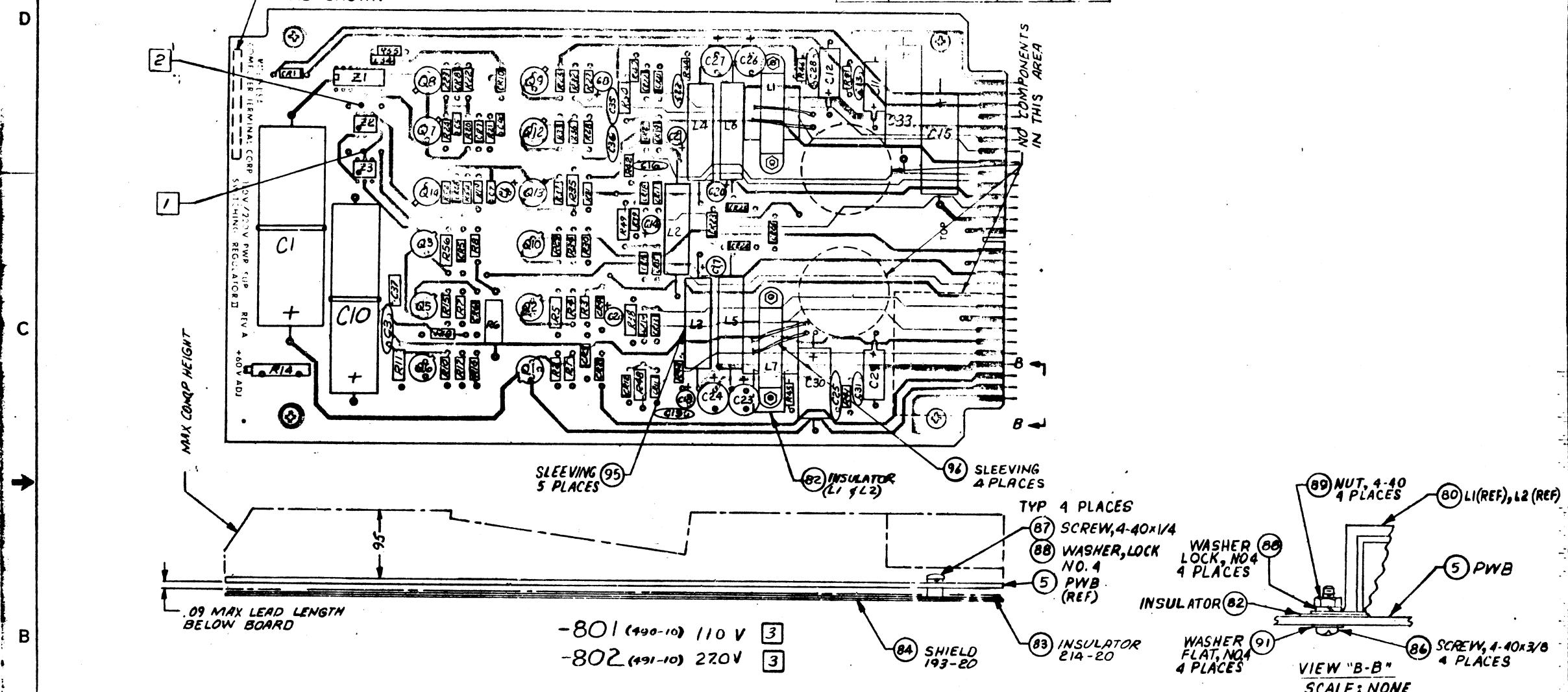
This item
Texas, and co
item may not
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consent of Da

PARTS LIST

- MARK "ASSY 03 - 1 - 03 - 0051 - 801 or 802 REV "B"
12 HIGH CHARACTERS, COLOR BLACK, LOCATE APPROX
AS SHOWN

REVISION TABLE				
ENGR TAB NO	MFG NO	ASSY REV	A W REV	ENGR APPV'D
801	490-10	B	A	77-6
802	491-10	B	A	77-6

REVISIONS			
REV	LET	DESCRIPTION	DATE
A	A	INC OEP EO 3500 M VICKERS 11-2-72 REWORK A/W TO MIL SPEC 875	11-2-72
A	B	INC EO 4352 C Lane 5-17-73	5-17-73



DATAPORT CONFIDENTIAL INFORMATION

FOR PARTS LIST SEE PLO3-1-03-0044

EO 52-46 OUTSTANDING

- 3 BEFORE INSTALLING ITEM 84(SHIELD); 83(INSULATOR) REMOVE GREASE ETC. FROM BOARD, MASK EDGE CONNECTOR (TOP & BOTTOM), TRIM POT ADJUSTMENT POINT AND CONFORMAL COAT BOTH SIDES. THICKNESS OF THE CONFORMAL COATING WILL BE SUFFICIENT TO WITHSTAND 1 KV RMS FOR ONE (1) SECOND WITH VOLTAGE APPLIED BETWEEN EITHER PWR LEAD AND CHASSIS GROUNDS WITHOUT ARCING OR BREAKDOWN. USE PAN AMERICAN RESEARCH CO. PC101 OR ENGR APPRD EQUIV.
- 2 PROVISIONS ARE MADE ON THE ARTWORK FOR A 1/4W RESISTOR(R51) BETWEEN Z2 PIN 6 AND Z2 PIN 4, BUT NOT USED
- 1 PROVISIONS ARE MADE ON THE ARTWORK FOR A 1/4W RESISTOR(R53) BETWEEN Z3 PIN 6 AND Z3 PIN 4, BUT NOT USED

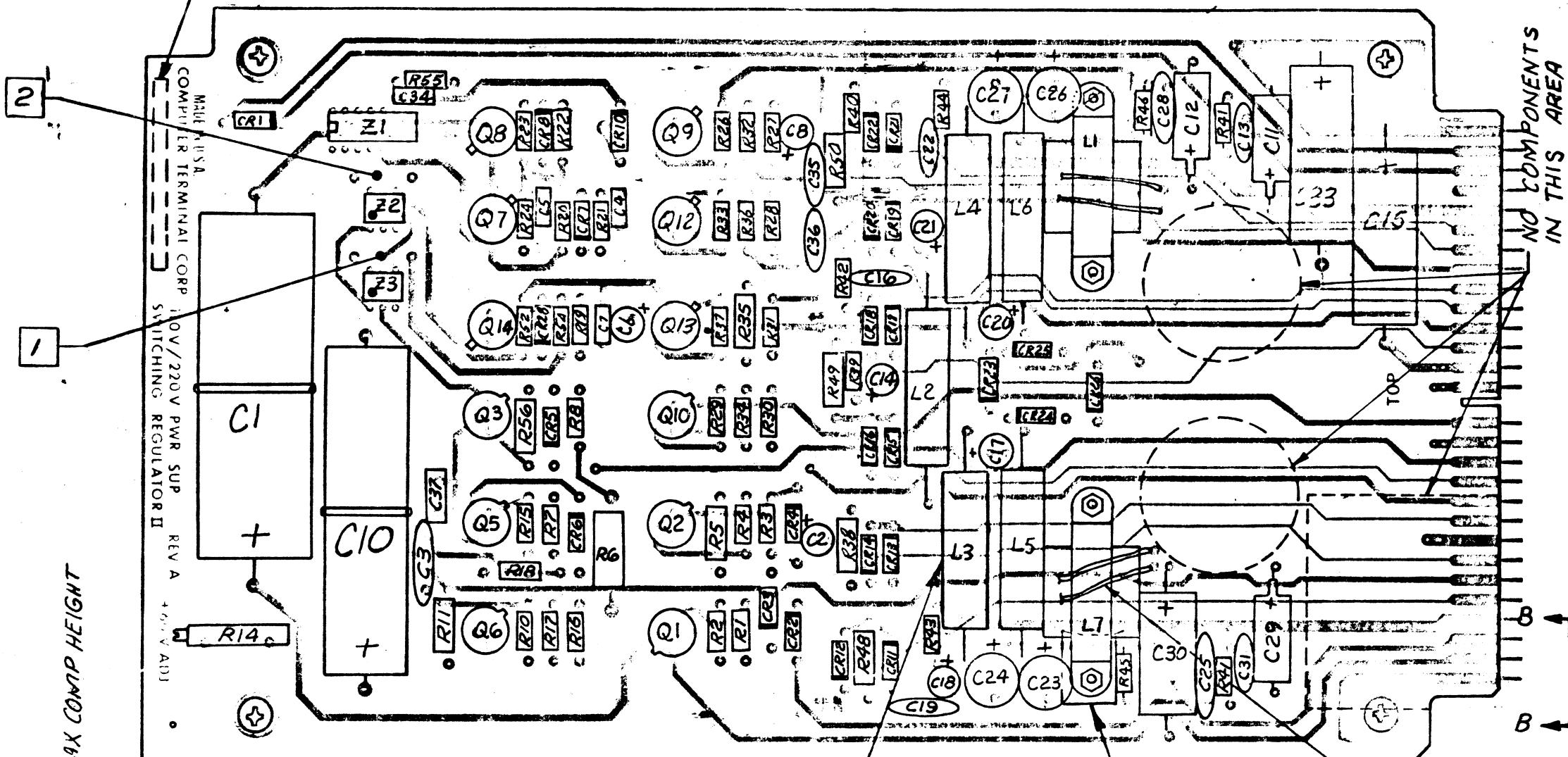
NOTES: (UNLESS OTHERWISE SPECIFIED)

QTY	CTC PART NO.	NOMENCLATURE	VENDOR PART NO.	VENDOR	REF DES	ITEM
2200	8	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AND INCLUDE APPLIED FINISH.	DRAWN <i>Devon</i>	DATE 10-1-72	PARTS LIST	
		TOLERANCES	CHECKED <i>Devon</i>	DATE 10-1-72		
		FRACTIONS \pm ANGLES \pm	DESIGN ENGINEER <i>Devon</i>	DATE 10-1-72		
		DECIMALS \pm				
X = \pm	JX = \pm	JXX = \pm				
NEXT ASSY: 03-1-03-0051		MATERIAL:	PROJECT ENGINEER <i>J. T. Alexander</i>	DATE 10-6-72	PWA, 110V/220V POWER SUPPLY SWITCHING REGULATOR II	
DASH: 03-1-03-0051					SIZE C	DWG NO. 03-1-03-0051
					REV B	
					SCALE 1:1	ETC. PN 490-10 - 491-10
						SHEET 1 OF 1

AW REV	LET	DESCRIP
A	A	INCOOP EO 3500 A REWORK A/W TO MIL S
A	B	INC EO 4352 C

MARK "ASSY 03 - 1 - 03 - 0051 - 801 or 802 REV "B"
.12 HIGH CHARACTERS, COLOR BLACK, LOCATE APPROX
AS SHOWN

REVISION TABLE				
ENGR TAB NO	MFG NO	ASSY REV	A W REV	ENGR APPVD
-801	90-10	B	A	77fb
-802	91-10	B	A	77bb



DATAPPOINT CONFIDENTIAL INFORMATION

- MAX COMP HEIGHT
- SLEEVING 5 PLACES 95
- 96 SLEEVING 4 PLACES
- TYP 4 PLACES
- 87 SCREW, 4-40x1/4
- 88 WASHER, LOCK NO. 4
- 5 PWB (REF)
- WASHER LOCK, NO. 4 88
- 4 PLACES
- INSULATOR 82
- 89
- 0.9 MAX LEAD LENGTH BELOW BOARD
- 801 (490-10) 110 V 3
- 802 (491-10) 220V 3
- 84 SHIELD 193-20
- 83 INSULATOR 214-20
- WASHER FLAT, NO. 4 91
- 4 PLACES
- VIEI SC1

4

3

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1

AW REV LTR	REVISIONS			
	LET	DESCRIPTION	DATE	APPROVED
A A		ADD '00"PK 837 M VICKERS H-8572	10-20-72	D. Moore

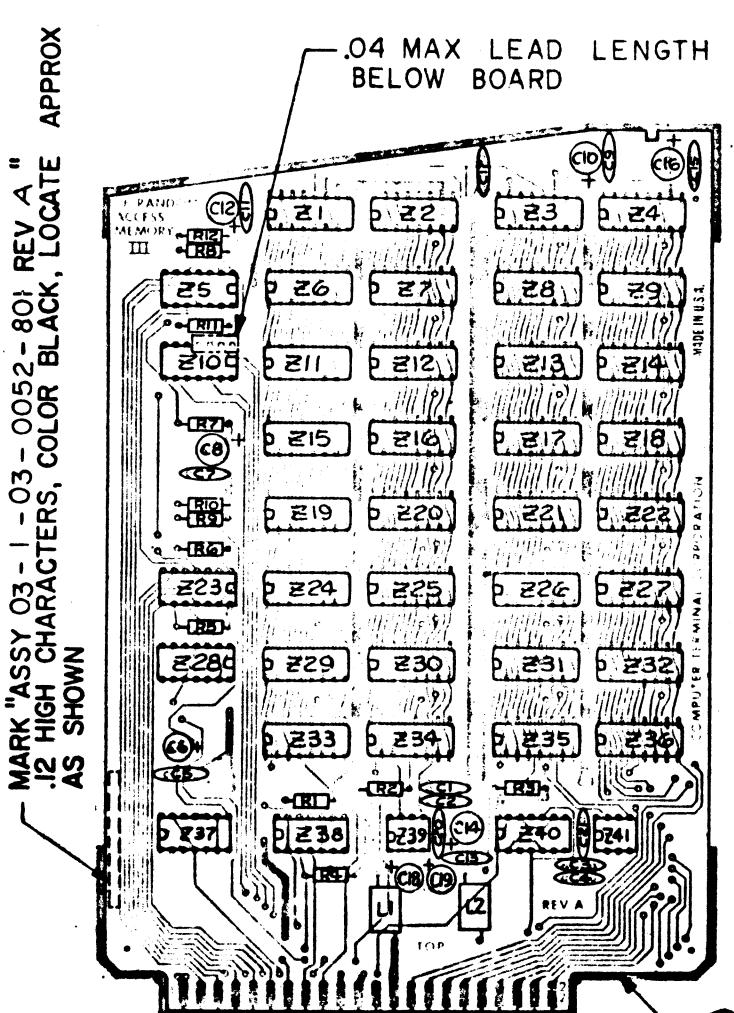
D

C

B

A

.04 MAX LEAD LENGTH
BELOW BOARD



(4) PWB

-801

DATAPoint CONFIDENTIAL INFORMATION

FOR PARTS LIST SEE PL 03-I-03-0052

E0 5263 OUTSTANDING

QTY	CTC PART NO.	NOMENCLATURE	VENDOR PART NO.	VENDOR	REF DES	ITEM
PARTS LIST						
		UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AND INCLUDE APPLIED FINISH.	DRAWN <i>M VICKERS</i>	DATE 10-20-72	 Computer Terminal Corporation 8725 DATAPoint DR. SAN ANTONIO, TEXAS 78229 512-899-4529	
		TOLERANCES FRACTIONS \pm ANGLES \pm $X = \pm$ $JX = \pm$ $JXX = \pm$	CHECKED <i>D. Moore</i>	DATE 10-20-72		
		DECIMALS	DESIGN ENGINEER	DATE		
		MATERIAL:	PROJECT ENGINEER <i>M. Ashell</i>	DATE 2-12-73	PRINTED WIRING ASSY, 4K RANDOM ACCESS MEMORY III SIZE Dwg No. REV C 03-I-03-0052 A SCALE 1/1 CTC P/N 304-10 SHEET 1 OF 1	
	-801 03-09-0001	DASH				

2. MAX COMPONENT HEIGHT ABOVE BOARD TO BE .41

1. MAX LEAD LENGTH BELOW BOARD TO BE .09

NOTES: (UNLESS OTHERWISE SPECIFIED)

KAY 102104 FORM A

4

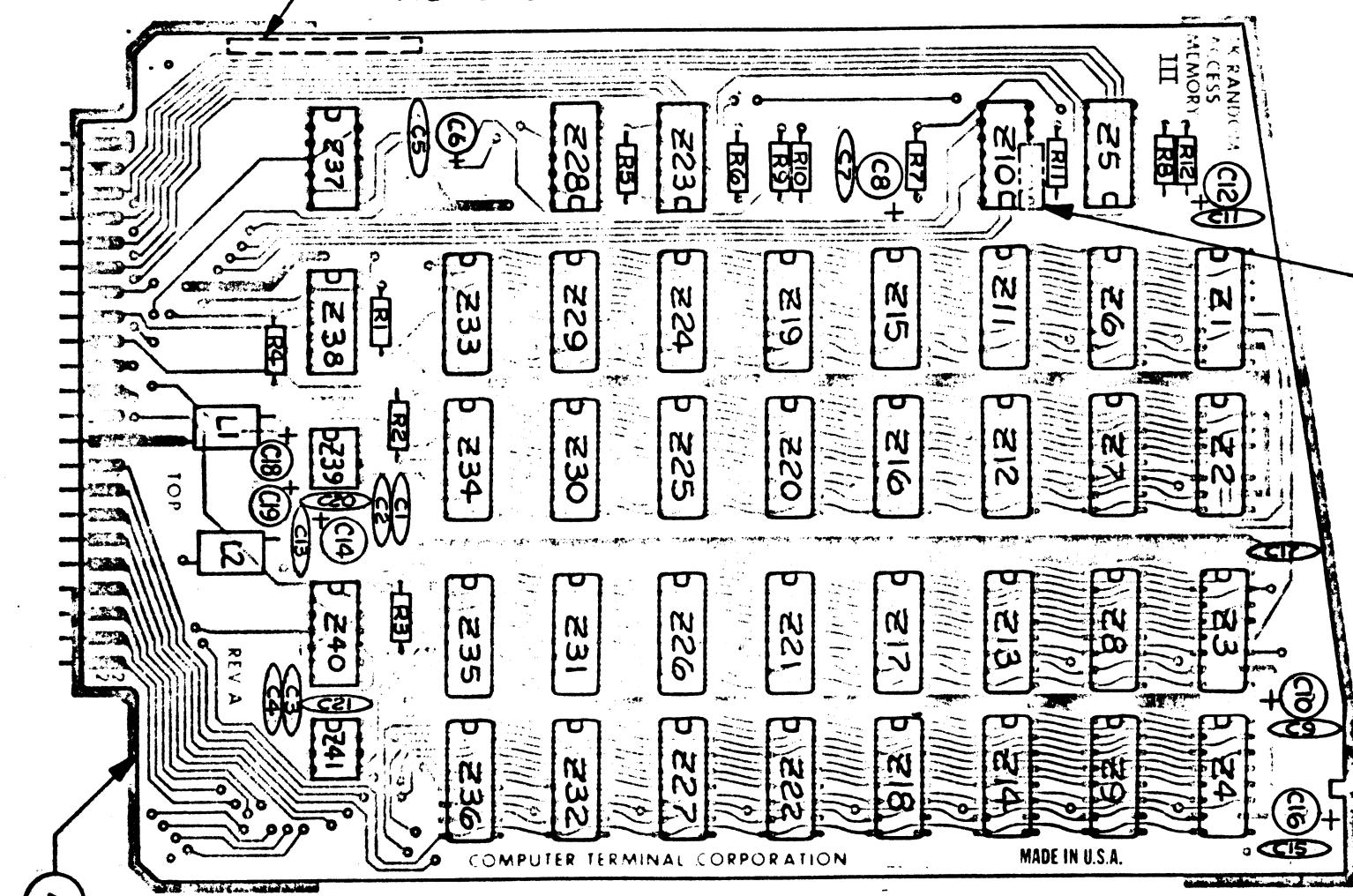
3

2

.04 MAX LEAD LENGTH
BELOW BOARD

DATAPOINT CONFIDENTIAL INFORMATION

MARK "ASSY 03 - 1 - 03 - 0052 - 801 REV A"
.12 HIGH CHARACTERS, COLOR BLACK, LOCATE APPROX
AS SHOWN



-801

4 PWB

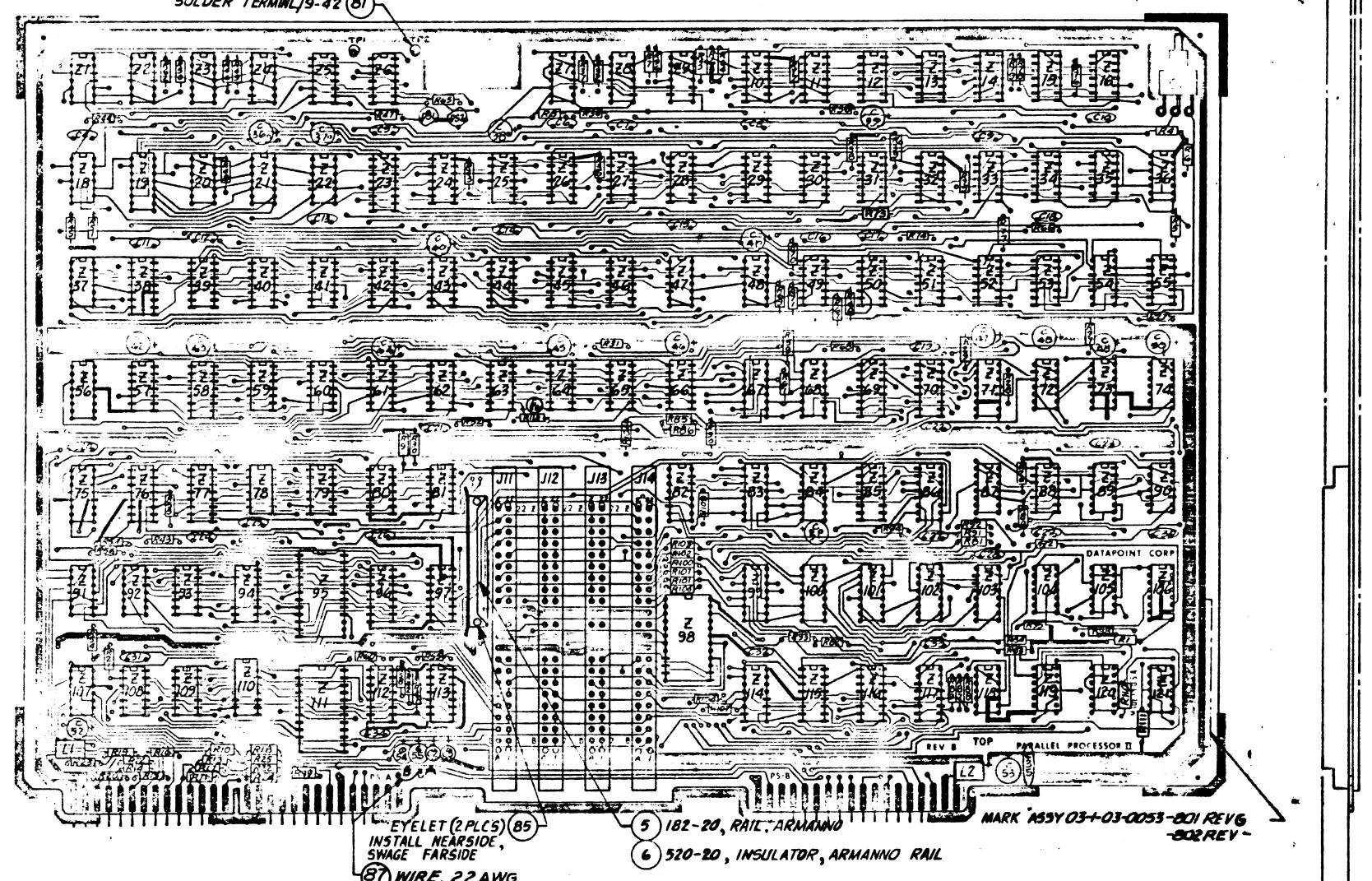
	QTY
--	-----

ASSY	USED ON	CT
3-0001	2200	
		PART
FRACTIC		
MATERIAL		

6

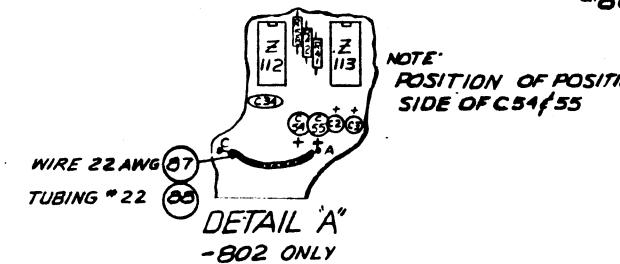
1

REVISION TABLE				REVISED					
ENGR NO.	MEASUREMENTS	ASSY REV	A/I/W REV	ENG APPN	ZONE	LET	REVISIONS	DATE	APPROVED
-801	207-10	6	B		A	A	INC EO 4467	Jan-Ad 9-26-73	11/11/73
-802	563-10	-	B		B	B	INC EO 2900	Jan-Ad 9-26-73	11/11/73
					B	C	INC EO 4683	Jan-Ad 9-26-73	11/11/73
					B	D	INC EO 5019	Jan-Ad 9-26-73	11/11/73
					B	E	INC EO 5020	Jan-Ad 9-26-73	11/11/73
					B	F	INC EO 5029	Jan-Ad 9-26-73	11/11/73
					B	G	INC EO 5058	Jan-Ad 9-26-73	11/11/73



DATAPOINT CONFIDENTIAL INFORMATION

FOR PARTS LIST SEE PL-03-1-03-0053



NOTES: (UNLESS OTHERWISE SPECIFIED)

DATAPOINT CONFIDENTIAL INFORMATION

