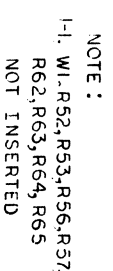


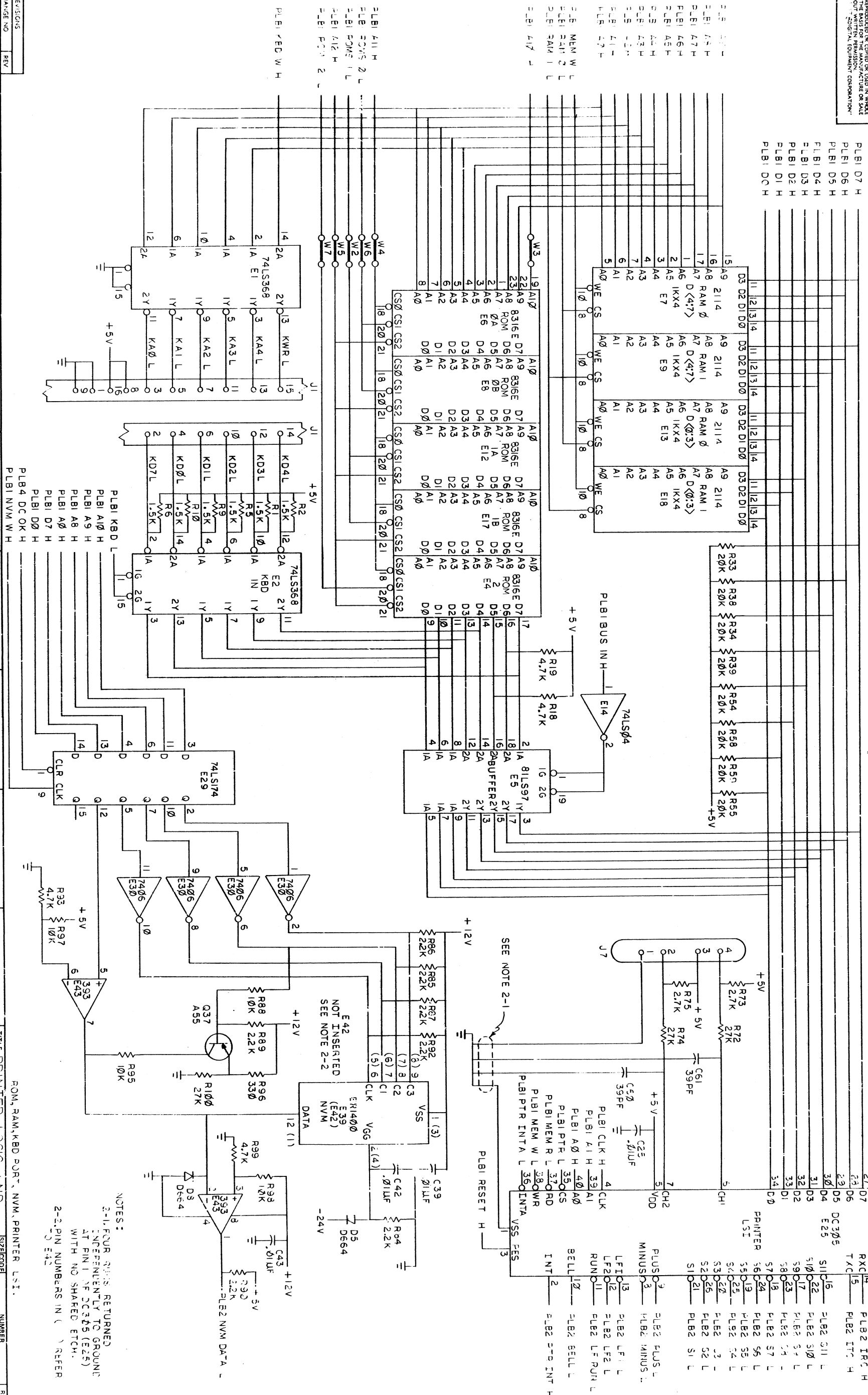
**A**



A digital

DRINKING WATER		FIRST USED ON	
CHKD BY: <i>James H. Smith</i>		L A I 20	
ENG. 4-17-78		TITLE	
PROJ. ENG. 4-17-78		PRINTER LOGIC	
PROD. 4-17-78		AND POWER BOARD	
NEXT HIGHER ASSY.		(FLB1)	
B-DD-M7081-0		SIZE CODE	
SHEET 1 OF 7		NUMBER	
DIST.		M7081-2-1	
		RE.	
		D	

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NOTES:  
2-1 FOUR PINS RETURNED  
INDEPENDENTLY TO GROUND  
AT PIN 1 OF DC305 (E25)  
WITH NO SHARED ETCH.  
2-2 PIN NUMBERS IN ( ) REFER  
TO E42

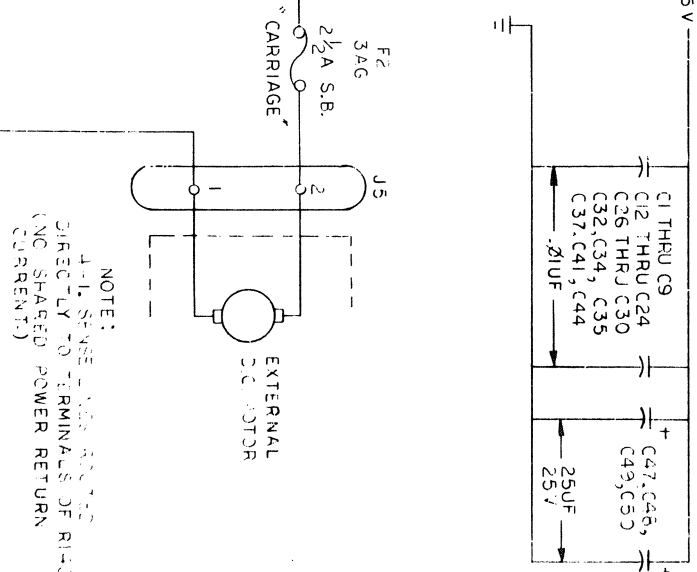
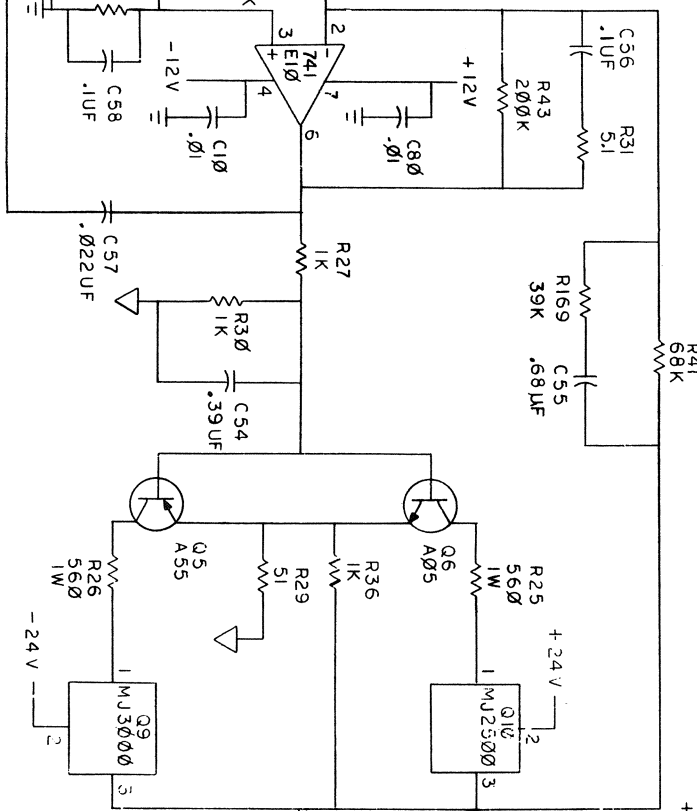
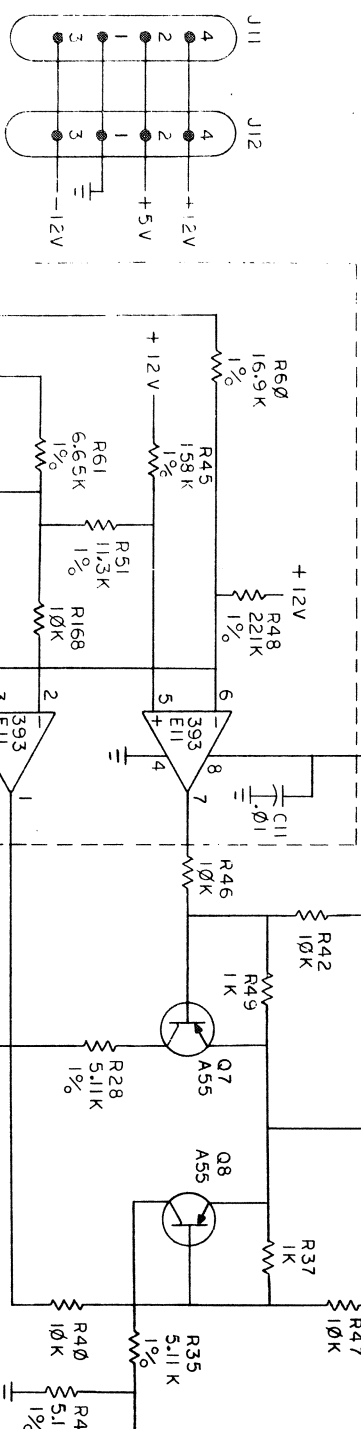
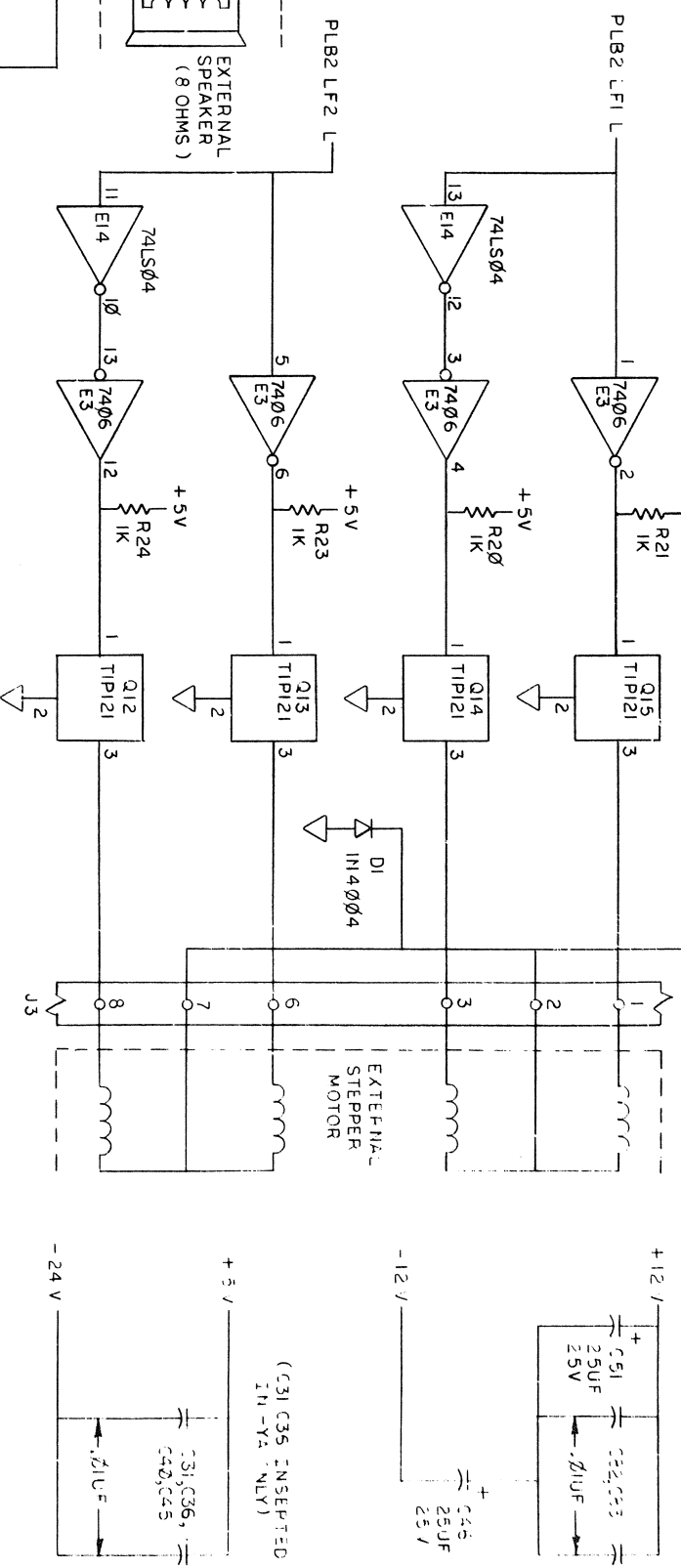
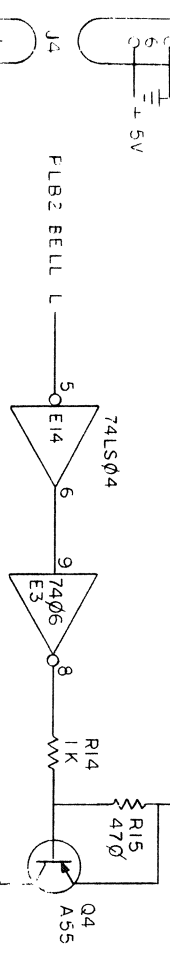
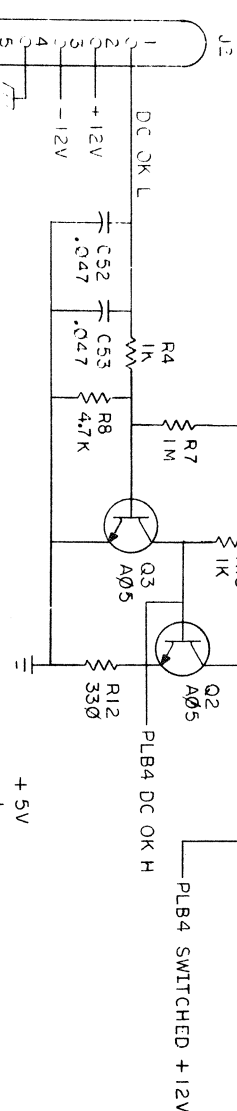
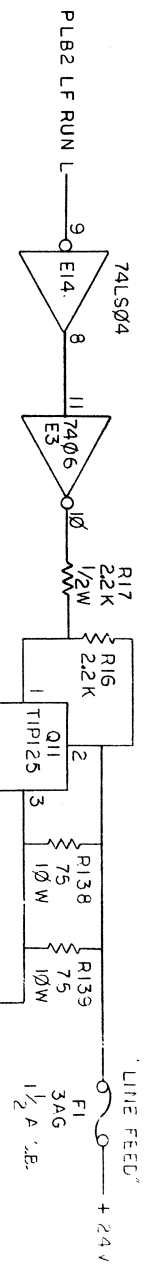
REV	CHANGE NO	DESCRIPTION	DATE
1	1	POWER BOARD (PLB2)	10/1/77
2	2	DC3 M7081 - 0-1	10/1/77

REV	NUMBER	DESCRIPTION
1	1	POWER BOARD (PLB2)
2	2	DC3 M7081 - 0-1





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REVISIONS

CHK	CHANGE NO	REV

CARRIAGE, LF, BELLAMPS, SWR ENTRY

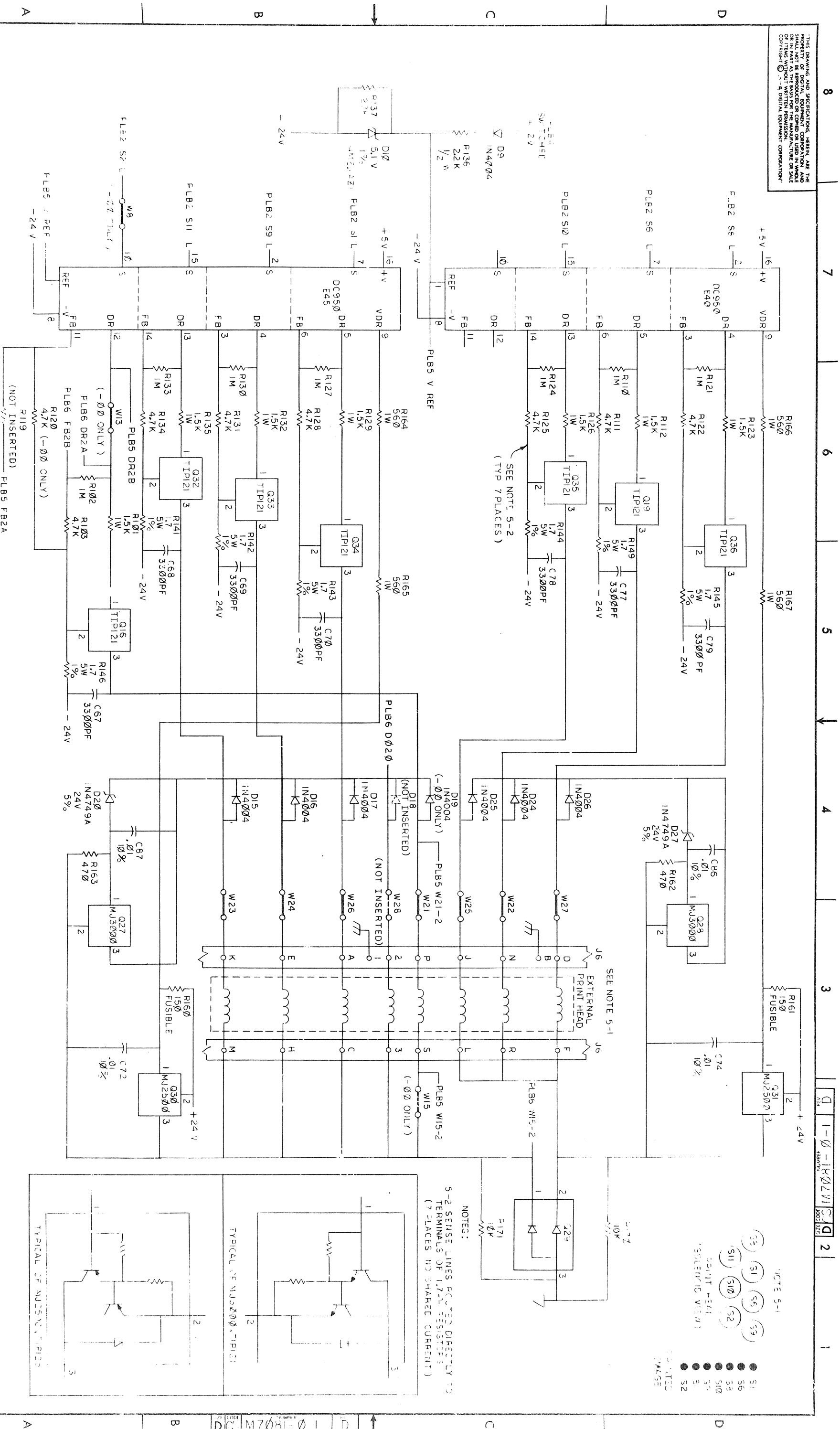
TITLE: PRINTER LOGIC AND POWER BOARD (PLB4)

SIZE: CODE DCS M7081-3-1

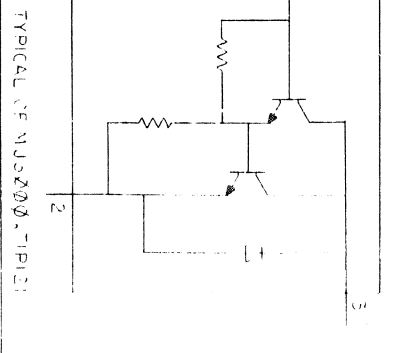
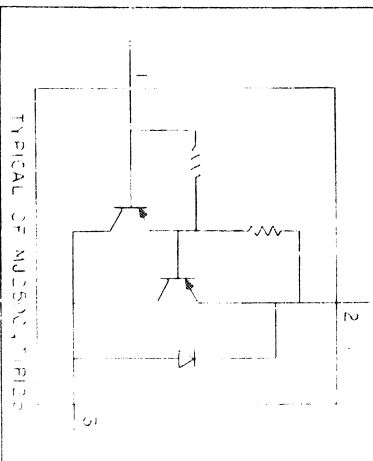
NUMBER 1

REV. 1

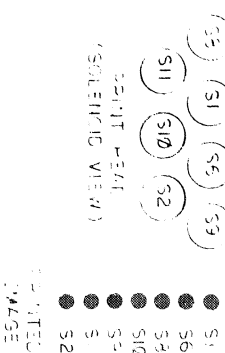
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HEAD DRIVERS



NOTES:  
5-2 SENSE LINES CONNECTED DIRECTLY TO  
TERMINALS OF 1.7K RESISTORS  
(7 PLACES NO SHARED CURRENT)



POWER BOARD (PLB5)

SCALE: 1/8" = 1"

SHEET 5 OF 7

DIST.

NUMBER

REV.

DATE

BY

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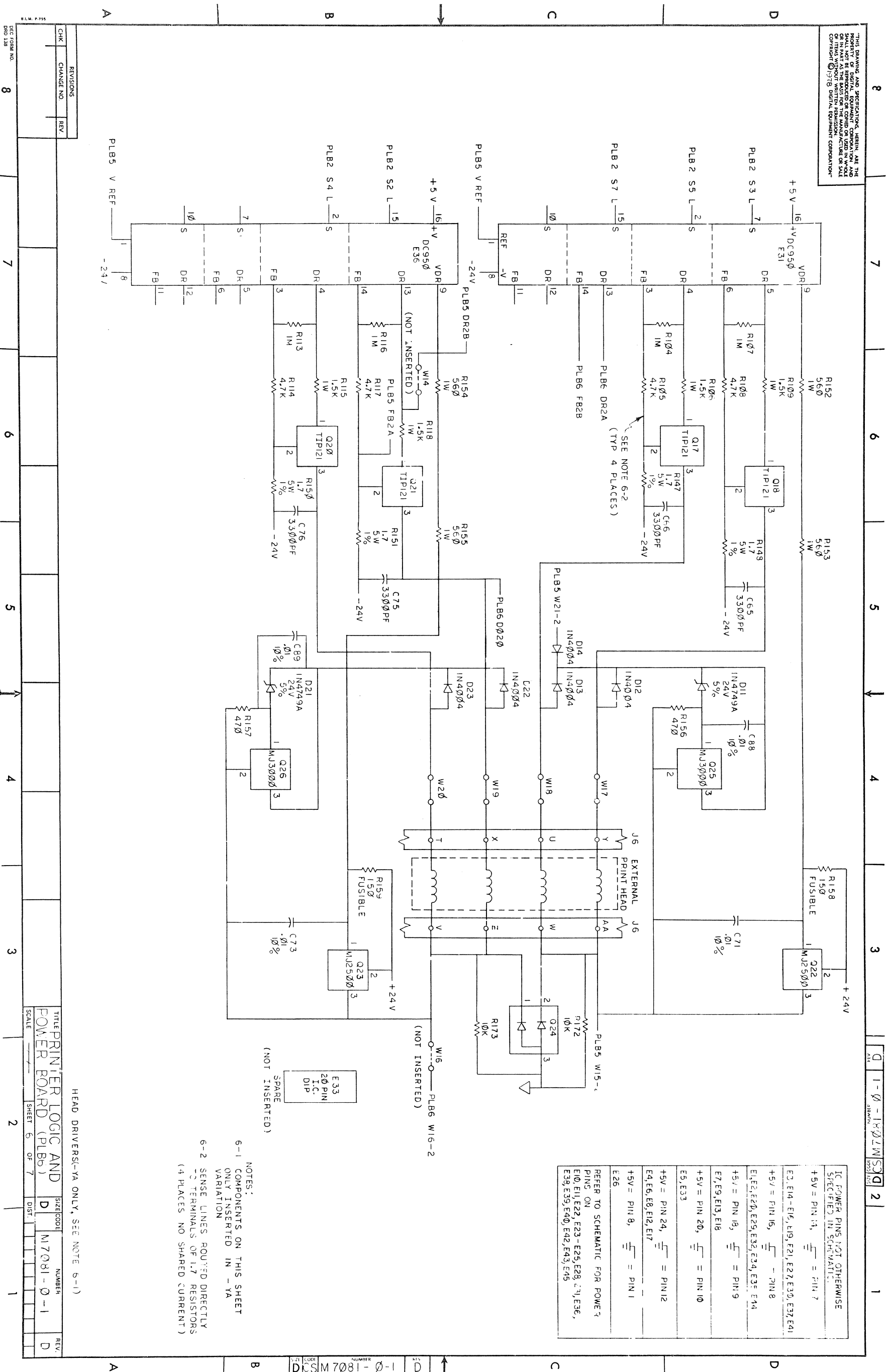
DATE

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EXTERNAL MEMORY

SHEET 1 / PLB1  
CPU, CLOCK, BUS, ADR DECODE

EXTERNAL I/O  
NOT INSERTED

NOT INSERTED:

COMPONENTS:  
Y1  
D4  
J9  
C59, C81  
R66 THRU R71,  
E15, E16, E19, E20,  
E21 THRU E24,  
1/4 E26  
W1, R52, R53, R56,  
R57, R62, R63, R64,  
R65, J10

PLB4 DCOK H  
PLB3 TX RDY H  
PLB3 REC INT H  
PLB1 TOR L  
PLB1 TOW L  
PLB4 DCOK H  
PLB2 LF RUN L  
PLB2 BELL L  
PLB2 PLUS L  
PLB2 MINUS L  
PLB2 LF1 L  
PLB2 LF2 L

COMPONENTS:

KEYBOARD

SHEET 2 / PLB2  
ROM, RAM, KBD, PORT, NVM,  
PRINTER LST

NOT INSERTED:

COMPONENTS:  
W2 THRU W7  
D5, D8  
J1, J7  
C25, C39, C42, C43, C60, C61  
R1, R2, R5, R6, R9, R10, R18,  
R19, R33, R34, R35, R39, R54,  
R55, R58, R59, R72 THRU  
R75, R84 THRU R90, R92,  
R93, R95 THRU R100  
E1, E2, E4 THRU E9, E12, E13,  
1/6, E14, E17, E18, E25, E29,  
4/6 E30, E39, E43, Q37  
PLB2 LF RUN L  
PLB2 BELL L  
PLB2 PLUS L  
PLB2 MINUS L  
PLB2 LF1 L  
PLB2 LF2 L

PLB2 NVM DATA L  
PLB2 ITC H  
PLB2 IRC H  
PLB4 DCOK H

COMPONENTS:

COMM.  
SHEET 3 / PLB3  
USART EIA PORT  
NOT INSERTED:  
R77, R78, R81, R83,  
C63, C64

MAX REF DESIGNATIONS  
RMAX = 174  
EMAX = 45  
CMAX = 89  
QMAX = 37  
FMAX = 27  
WMAX = 29

UNUSED REF DESIGNATIONS  
C85

SHEET 4 / PLB4  
CARRIAGE, LF, BELL AMPS, PWR ENTRY

USED IN-YA ONLY:  
C31, C36  
NOT INSERTED: J11, J12, C33

COMPONENTS:  
J2 THRU J5  
D1, D2, D3  
F1, F2  
C1 THRU C24, C26 THRU C30,  
C32, C34, C35, C37, C40,  
C41, C44 THRU C58,  
C80, C82, C83  
R3, R4, R7, R8, R11 THRU R17,  
R20 THRU R32, R35, R36,  
R37, R40 THRU R51, R60,  
R61, R133 THRU R140, R168  
R169, R174  
E3, E10, E11, 4/6 E14  
C1 THRU C15  
C31, C36

D.C. POWER  
+5V +12V  
L.F. BELL  
D.C. POWER  
+24V  
CARRIAGE MOTOR

COMPONENTS:

SHEET 5 / PLB5  
HEAD DRIVERS  
USED IN-ØØ ONLY: W8, W13, W15  
D19  
R12 Ø  
W28  
D18, R119  
NOT INSERTED:

PLB5 V REF  
PLB6 DR2A  
PLB6 FB2B  
PLB5 FB2A  
PLB5 W21-2  
PLB6 W16-2  
PLB6 DØ2Ø  
PLB5 W15-2  
PLB5 DR2B

COMPONENTS:

SHEET 6 / PLB6  
HEAD DRIVERS (-YA ONLY)  
NOT INSERTED:  
W13, W16  
E33

PRINT HEAD  
(-YA ONLY)

OVERVIEW

TITLE		SIZE CODE		NUMBER		REV.
PRINTER LOGIC AND POWER BOARD		DCS		M7Ø81-Ø-1		D
SCALE	7/8	SHEET	7	OF	7	
		DIST.				

REVISIONS	
CHK	CHANGE NO. REV

DEC FORM NO. 080 138

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2

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SIZE CODE NUMBER  
DCS M7Ø81-Ø-1



REV.						CHANGE NO.						CHK					
REVISIONS																	
EIA NO.						DEC NO.						EIA NO.					
SEMICONDUCTOR CONVERSION CHART																	
SHEET 1						OF 1											
SCALE NONE						NEXT HIGHER ASSY											
DRAWN BY J. B. S.	DATE 4/2/75	CHECKED BY J. B. S.	DATE 4/2/75														
DESIGNED BY W. J. S.	DATE 4/2/75																
APPROVED BY W. J. S.	DATE 4/2/75																
TITLE																	
6 LPI FORM CONTROL																	
digital																	
SIZE CODE	DRAWING NUMBER									REV.							
D CS	541653-0-1									*							

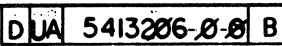
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SIGNATURES		DATE		digital			
DRN. <i>W. J. ...</i>		<i>11-1-72</i>					
CHK. D. <i>...</i>							
ENG. <i>W. J. ...</i>		<i>7-7-72</i>					
PROJ. ENG. <i>...</i>		<i>5-7-72</i>		TITLE			
PROD. <i>...</i>				20 MA - ADAPTER			
SCALE 2 / 1				SIZE CODE		NUMBER	
SHT. 1 OF 3				0 UA		5413206-0-0	
NEXT HIGHER ASST. E-D-D-5413206-0						REV B	

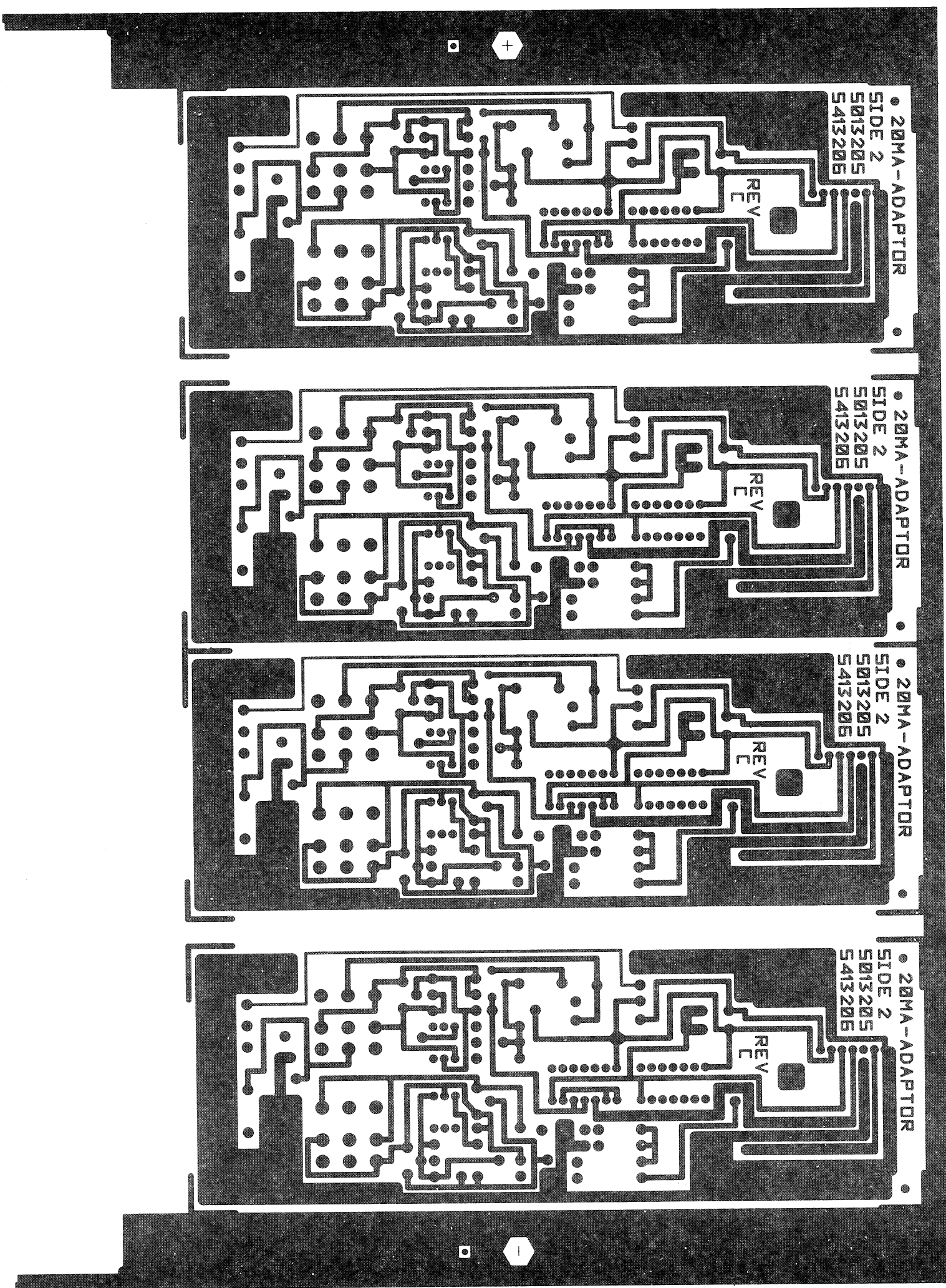
1 MS# 180025



1. FA

[illegible]

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OR TO ANY OTHER PERSON OR ORGANIZATION  
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BUREAU OF DEFENSE.  
1978



VIEWED FROM SIDE 2

REVISIONS		
CHK	CHANGE NO	REV

TITLE		SIZE/CODE		NUMBER		REV
20 MA ADAPTOR		D UA		5413206-0-0		B
SCALE	2:1	SHEET	3 OF 3	DIST		

D UA 5413206-0-0 B



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1	1	D-MD-5013205-0-0	5013205-00	ETCH BOARD FOR 5413206	1	
2	2		1000022-00	270.0 MMF 100V 5%200PFM DM155	2	C3,C5
3	3		1001610-00	.01 MFD 50V 250 309CER/8000PF MIN	3	C1,C2,C4
4	4		1105275-00	D 672 TR=15NS PIV=60V SP	3	D1,D2,D4
5	5		1105610-00	MCL1301 CLG1MA FROM10-80V	1	D3
6	6		1215048-01	CONN 7POS RT ANGLE	1	J1
7	7		1215089-00	SW,SLIDE 3P 1A DBLE THROW	2	S1,S2
8	8		1300197-00	33 1/4W 5%	1	R2
9	9		1300250-00	150 1/4W 5%	2	R11,R15
10	10		1300296-00	330 1/2W 5%	4	R8,R9,R10,R12
11	11		1300309-00	390 1/4W 5%	2	R1,R14
12	12		1300391-00	1.5 K 1/4W 5%	1	R7
13	13		1300444-00	3.9 K 1/4W 5%	1	R6
14	14		1300539-00	120 K 1/4W 5%	1	R4
15	15		1301327-00	68 K 1/4W 5%	1	R13
16	16		1301401-00	750 1/4W 5%	1	R3
17	17		1301422-00	7.5 K 1/4W 5%	1	R5
18	18		1509338-00	DEC6531B NPN 310MW SI 40 90 P	2	Q1,Q2
19	19		1510705-00	XA 05 NPN 500MW SI 60 50 P	1	Q4
20	20		1510706-00	XA 55 PNP 500MW SI 60 50 P	1	Q3
21	21		1911998-01	4N26-10FTO COUPLED ISLTR	2	E1,E4
22	22		1912817-00	LS37 NAND GATE-QUAD 2IN,POS	1	E2
23	23		1913130-00	DEC 1489A RECEIVER,LINE,QUAD,EIA RS-232	1	E3

REVISION HISTORY

VARIATIONS FOR THIS ASSY.

DIGITAL EQUIPMENT CORPORATION  
MAYNARD, MASSACHUSETTS

CHK ECO NO REV

INIT B 00

FIRST USED ON: VT100

TITLE

PARTS LIST

MADE BY: T. SHETRAWSKI

DATE: 30-MAR-78

20 MA ADAPTER

CHECKED: T. SHETRAWSKI

DATE: 30-MAR-78

20 MA ADAPTER

DSN,ENG.: M. MORGENSTERN

DATE: 30-MAR-78

SIZE CODE

DOCUMENT NUMBER

REV

PROD.: T. CORCIARI

DATE: 30-MAR-78

K PL

5413206-0-DBP

B

RESP,ENG.: M. MORGENSTERN

DATE: 30-MAR-78

ASSY,NO.: D-UA-5413206-0-0

EDIT#

3

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1. \* OPTIONAL

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