

CUSTOMER PRINT SET INDEX

THIS IS PRINT SET

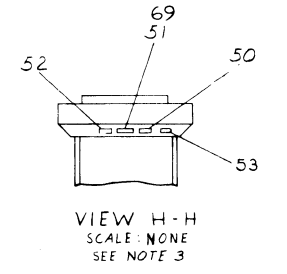
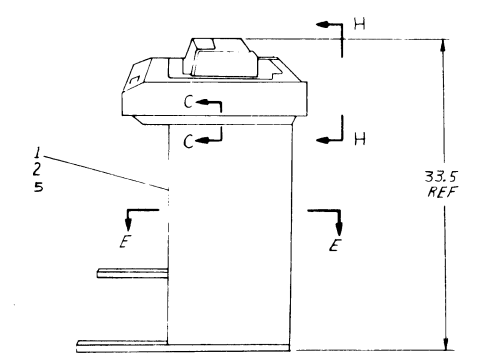
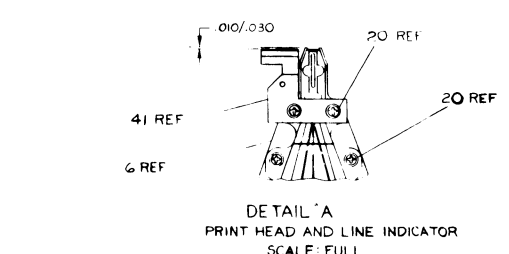
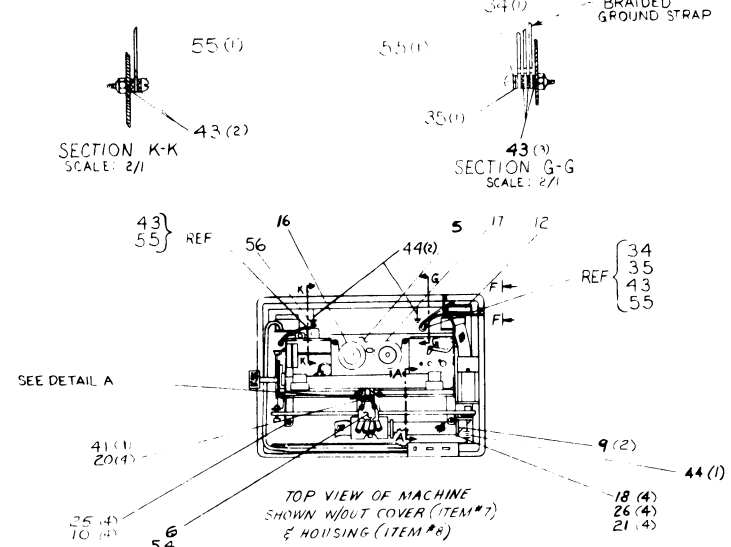
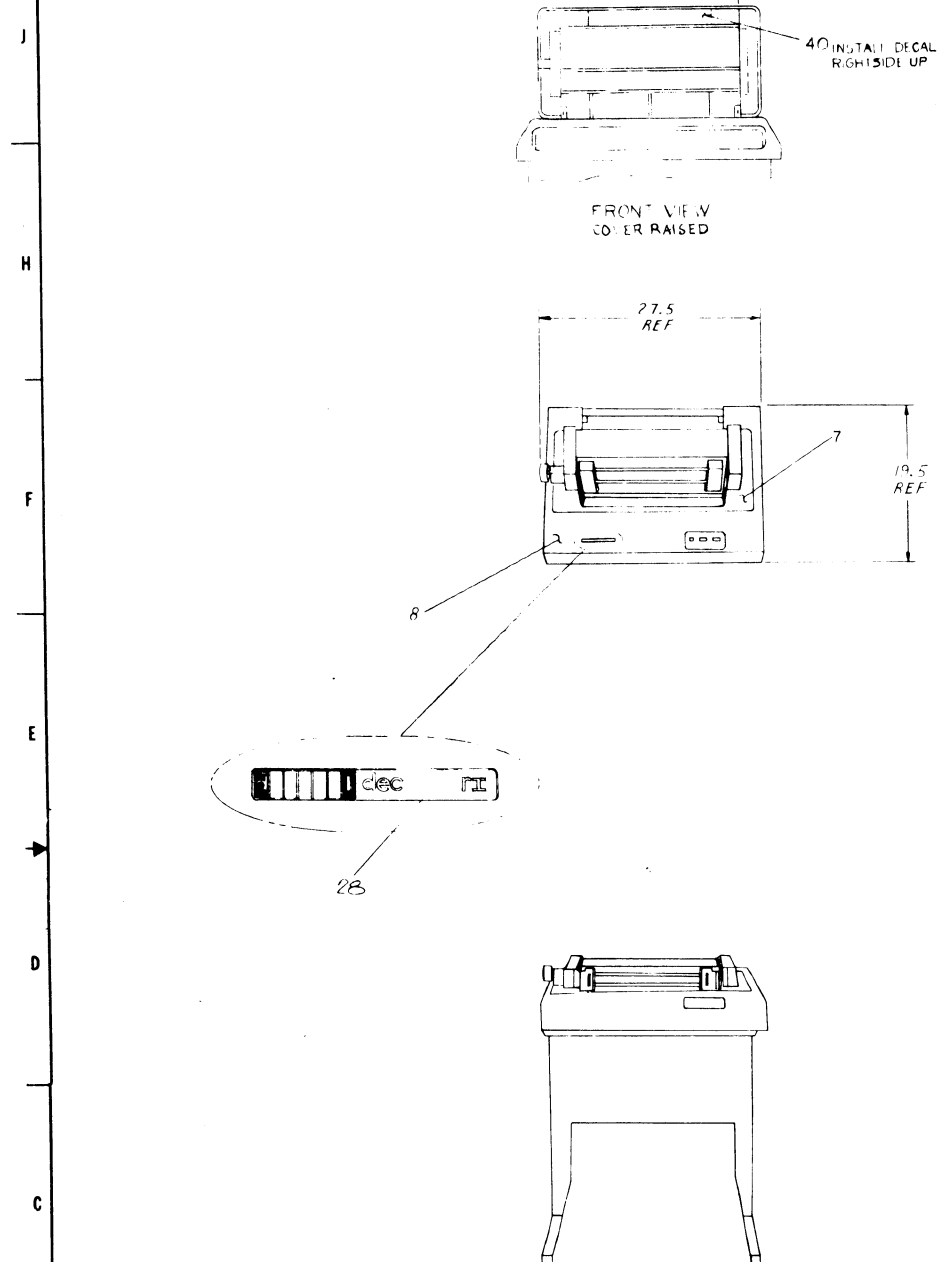
DRAWING DIRECTORY	B-DD-LA180 (SHEET1)
LA180 UNIT ASSEMBLY	E-UA-LA180-0-0
LA180 UNIT PARTS LIST	A-PL-LA180-0-0
LA180 LOGIC BOARD	D-CS-5411023-0-1
LA180 POWER BOARD	D-UA-5411736-0-0
L.E.D. BOARD ASSY	D-CS-5410991 0-1
PHOTOTRANSISTOR BOARD	D-CS-5411049-0-1
6LPI FORM CONTROL BOARD	D-CS-5411653-0-1
INTERCONNECTION DRAWING	D-IC-7011167-0-0
PACKAGING INSTRUCTIONS	A-SP-3700131-0-0
CASTERS KIT	B-DD-LAXX-KB
PAPER CATCHER	B-DD-LAXX-NC
COMPRESSED PRINT OPTION	B-DD-LAXX-KJ
BUFFER SERIAL INTERFACE OPTION	B-DD-LAXX-NW

UNIT VARIATIONS		PRINT SET			
VAR	TITLE	1	2	3	4
LA180-PA	LA180-PA 120V/ 60 HZ	x			
LA180-PB	LA180 PB 240V/ 60 HZ	x			
LA180-PC	LA180-PC 120V/ 50 HZ	x			
LA180-PD	LA180 PD 240V/ 50 HZ	x			
LA180-CA	LA180-PA, 120V/60 HZ (LAXX-NX)	x			
LA180-CB	LA180-PB, 240V/60 HZ (LAXX-NX)	x			
LA180-CC	LA180-PC, 120V/50 HZ (LAXX-NX)	x			
LA180-CD	LA180-PD, 240V/50 HZ (LAXX-NX)	x			
LA180-EA	LA180-PA, 120V/60 HZ (LAXX-NW)	x			
LA180-EB	LA180-PB, 240V/60 HZ (LAXX-NW)	x			
LA180-EC	LA180-PC, 120V/50 HZ (LAXX-NW)	x			
LA180-ED	LA180-PD, 240V/50 HZ (LAXX-NW)				

REVISIONS	DATE	CHG. NO.	REV
	2-76	LA180-22	B
	6-76	LA180-48	C
	8-76	LA180-68	D
	12-76	LA180-PN128	E
	5-77	LA180-PN109	F
	9-77	LA180-PN127	H
	10-77	LAXX-PN066	J
	11-77	LA180-PN128	K
	12-77	LA180-PN131	L

USED ON OPTION/MODEL	DRN.	DATE	TITLE
	A. TAYLOR	11/2 74	DECPRINTER DRAWING
	CHK'D.	DATE	DIRECTORY
	A. TAYLOR	6/18/75	
	PROJ ENG.	DATE	
	E. STELTZER	6/17/75	
	PROD.	DATE	SIZE CODE NUMBER REV
	R. JODOIN	6/18/75	B DD LA180-0 L
	FIELD SERV.	DATE	DIST
	T. MONGELLO	6/23/75	

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT THE WRITTEN PERMISSION OF DIGITAL EQUIPMENT CORPORATION.

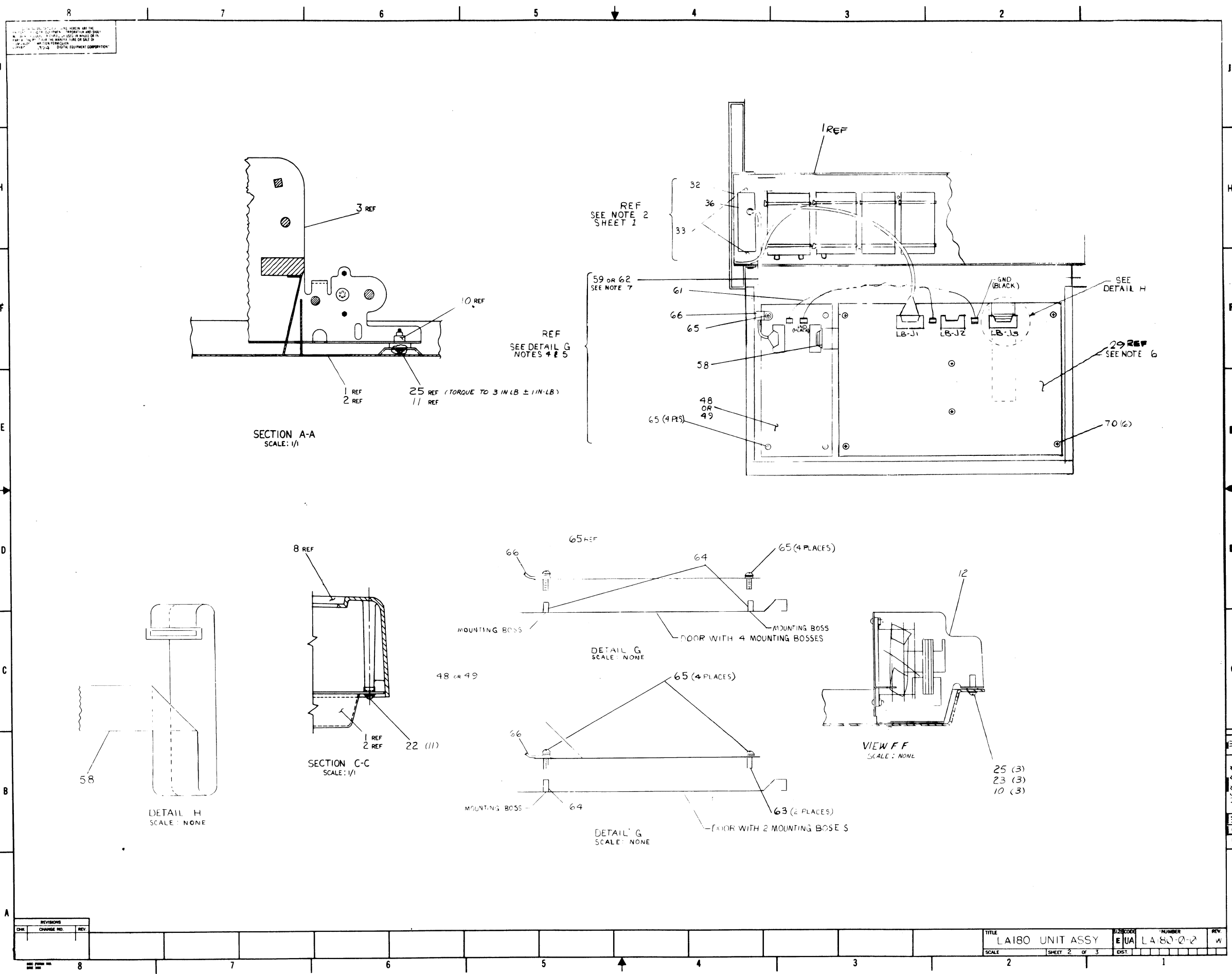


- NOTES
1. FOR PARTS LIST SEE DRAWING # A-PL-LA 180-00.
 2. ITEMS #32 (PLATE INPUT CLAMP), #33 (2 SCREWS), #34 (2 LOCK WASHERS), #35 (2 FLAT WASHERS) AND #36 (STRAIN RELIEF) ARE TO BE SHIPPED LOOSE WITH UNIT.
 3. UL AND CSA LABELS TO BE APPLIED ONLY WHEN UNIT HAS MET ALL UL AND CSA REQUIREMENTS.
 4. ITEM #61 FOR USE WITH REV C OR LATER OF ITEM #48 OR #49.
 5. ASSEMBLE ITEM #32, #33, #34, #35, #36 (63 WITH GS & G7 & 68 ON DOOR WITH 2 MOUNTING BOSSES) WITH MODULE (ITEM #48 OR #49) BEFORE INSTALLING MODULE IN DOOR.
 6. SEE DES-541-023-0-0 FOR JUMPER CONFIGURATIONS.
 7. IF CABLE 7013701 (ITEM #62) NOT AVAILABLE, USE 8005C-9. ITEM #60 MATES WITH ITEM #59 OUTSIDE CABINET.
 8. ITEM #51 MODEL INFORMATION TAG, IS TO BE PURCHASED AND APPLIED WITH PRE-PRINTED INFORMATION AS FOLLOWS.

MODEL	VOLTS	AMPS	HZ	PH	WIRES
ZZZZ-ZZ	YYY	XX	WV	V	U
LA180-PA	115	3	60	1	3
LA180-PB	230	1.5	60	1	3
LA180-PC	115	3	50	1	3
LA180-PD	230	1.5	50	1	3
LA180-EA	115	3	60	1	3
LA180-EB	230	1.5	60	1	3
LA180-EC	115	3	50	1	3
LA180-ED	230	1.5	50	1	3
LA180-CA	115	3	60	1	3
LA180-CB	230	1.5	60	1	3
LA180-CC	115	3	50	1	3
LA180-CD	230	1.5	50	1	3

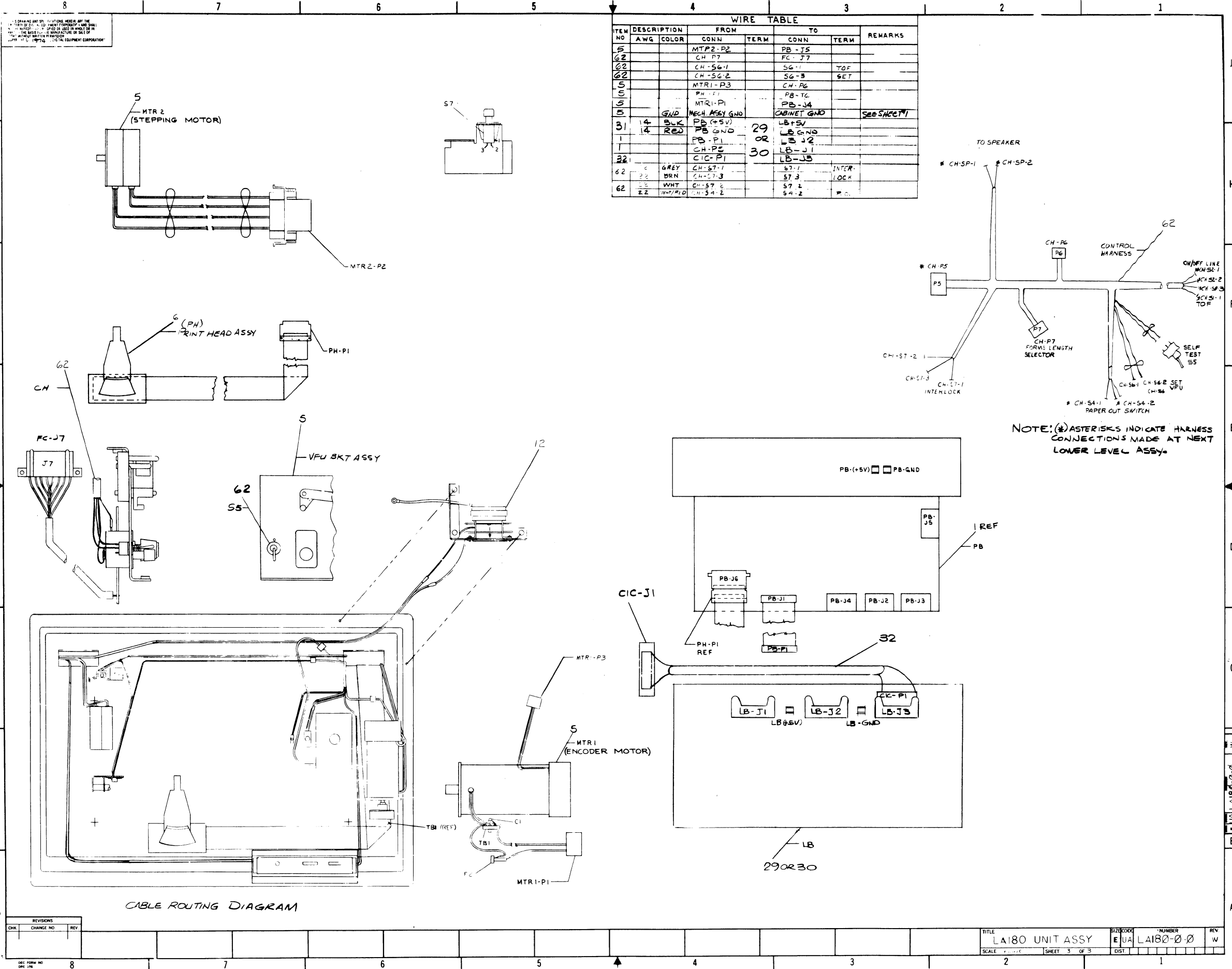
QTY.	DESCRIPTION	PART NO.	REV.
	LA 180		
	LA180-PA		
	LA180-PB		
	LA180-PC		
	LA180-PD		
	LA180-EA		
	LA180-EB		
	LA180-EC		
	LA180-ED		
	LA180-CA		
	LA180-CB		
	LA180-CC		
	LA180-CD		
	LA180-0001		
	LA180-0002		
	LA180-0003		
	LA180-0004		
	LA180-0005		
	LA180-0006		
	LA180-0007		
	LA180-0008		
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	LA180-0094		
	LA180-0095		
	LA180-0096		
	LA180-0097		
	LA180-0098		
	LA180-0099		
	LA180-0100		

FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	REV.
LA 180					
DIMENSIONAL TOLERANCES		DATE	DATE	PARTS LIST	
DIMENSIONS ARE		DATE	DATE	TITLE	
UNLESS OTHERWISE SPECIFIED		DATE	DATE	LA 180	
MILLIMETERS		DATE	DATE	UNIT ASSY	
INCHES		DATE	DATE	SCALE NONE	
ANGLES		DATE	DATE	SHEET 04	
HYPOTENUSE		DATE	DATE	REV	
FINISH		DATE	DATE	EUA LA 180-000 W	
SEE PARTS LIST		DATE	DATE	REV	
REMOVE BURRS AND BREAK SHARP		DATE	DATE	REV	
CONFORM SURFACE QUALITY		DATE	DATE	REV	
NEXT PREPARED BY		DATE	DATE	REV	
SCALE NONE		DATE	DATE	REV	
SHEET 04		DATE	DATE	REV	

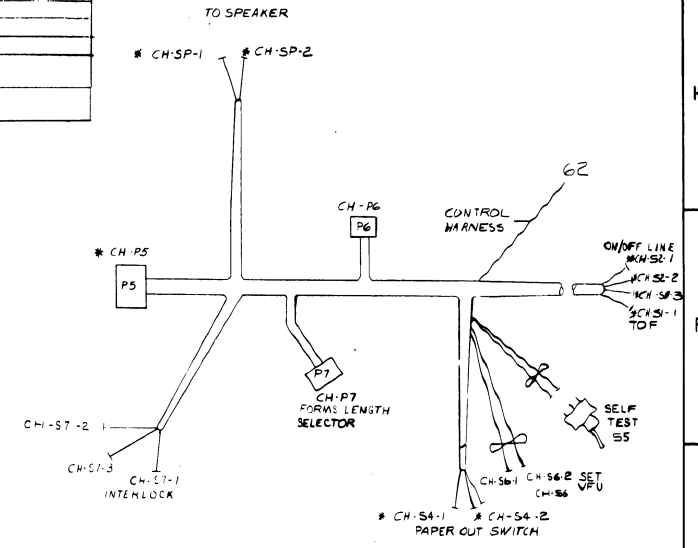


ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.
 DIMENSIONS ARE TO BE TAKEN TO CENTER UNLESS OTHERWISE SPECIFIED.
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REVISIONS		
CHK	CHANGE NO.	REV



WIRE TABLE						
ITEM NO	DESCRIPTION	FROM CONN	TERM	TO CONN	TERM	REMARKS
5		MTR2-P2		PB-J5		
62		CH-P7		FC-J7		
62		CH-S6-1		S6-1	TOF	
62		CH-S6-2		S6-2	SET	
5		MTR1-P3		CH-P6		
5		PH-P1		PB-J6		
5		MTR1-P1		PB-J4		
5		GND	MECH ASSY GND	CABINET GND		See SHEET 1
31	14	BK	PB (+5V)	LB (+5V)		
1	14	RED	PB GND	LB GND		
1			PB-P1	OR LB-J2		
32			CH-P2	LB-J1		
32			CIC-P1	LB-J3		
62	6	GREY	CH-S7-1	S7-1	INTER-	
	22	BRN	CH-S7-3	S7-3	LOCK	
62	22	WHT	CH-S7-2	S7-2	P.C.	
	22	WHT/RED	CH-S4-2	S4-2		



NOTE: (*) ASTERISKS INDICATE HARNESS CONNECTIONS MADE AT NEXT LOWER LEVEL ASSY.

CABLE ROUTING DIAGRAM

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS
PARTS LIST

MADE BY L. TAYLOR	CHECKED <i>[Signature]</i> 6-17-75	SECTION 1
DATE 10/4/74	DATE <i>[Signature]</i> 6-17-75	ISSUED SECT. 1
ENG <i>[Signature]</i>	PROD <i>R.L. Jockson</i>	
DATE 6-17-75	DATE 6/18/75	

QUANTITY / VARIATION

ITEM NO.	DWG NO. / PART NO.	DESCRIPTION	LA180-PA	LA180-PB	LA180-PC	LA180-PD	LA180-CA	LA180-CB	LA180-CC	LA180-CD	LA180-EA	LA180-EB	LA180-EC	LA180-ED
1	E-AD-7010094-1-0	CABINET ASSY W/POWER SUPPLY(115V) 60HZ	1	-	-	-	-	-	-	-	-	-	-	-
2	E-AD-7010094-2-0	CABINET ASSY W/POWER SUPPLY(230V) 60HZ	-	1	-	-	-	-	-	-	-	-	-	-
3	E-AD-7010094-3-0	CABINET ASSY W/POWER SUPPLY(115V) 50HZ	-	-	1	-	-	-	-	-	-	-	-	-
4	E-AD-7010094-4-0	CABINET ASSY W/POWER SUPPLY(230V) 50HZ	-	-	-	1	-	-	-	-	-	-	-	-
5	E-AD-7015688-0-0	PRINTER MECHANISM ASSY	1	1	1	1	1	1	1	1	1	1	1	1
6	D-AD-7009883-0-0	PRINT HEAD ASSY	1	1	1	1	1	1	1	1	1	1	1	1
7	D-IA-7010758-0-0	COVER ASSY	1	1	1	1	1	1	1	1	1	1	1	1
8	E-IA-7010757-0-0	HOUSING ASSY	1	1	1	1	1	1	1	1	1	1	1	1
9	1202704-00	CLAMP, CABLE	2	2	2	2	2	2	2	2	2	2	2	2
10	9008896-00	WELLNUT #10-32	7	7	7	7	7	7	7	7	7	7	7	7
11	9007906-00	WASHER, SPLIT LOCK, #10	4	4	4	4	4	4	4	4	4	4	4	4
12	C-AD-7010756-0-0	FAN ASSY 115V, MOTOR	1	1	1	1	1	1	1	1	1	1	1	1
13	9007649-00	WASHER, EXT TOOTH LOCK, #6	1	1	1	1	1	1	1	1	1	1	1	1
14	9006633-00	WASHER, INTERNAL TOOTH LOCK #6	4	4	4	4	4	4	4	4	4	4	4	4
15	A-MD-7412103-0-0	PKG. OF PAPER (100 SHEETS)	1	1	1	1	1	1	1	1	1	1	1	1
16	3612153-00	RIBBON SPOOL W/RIBBON	1	1	1	1	1	1	1	1	1	1	1	1
17	1212008-00	RIBBON SPOOL (EMPTY)	1	1	1	1	1	1	1	1	1	1	1	1
18	9006011-1	SCREW, PHL, PAN HD, #4-40 x .38L	4	4	4	4	4	4	4	4	4	4	4	4
19	9006022-1	SCREW, PHL, PAN HD, #6-32 x .38L	1	1	1	1	1	1	1	1	1	1	1	1
20	9009984 01	SEMS, PHL PAN HD. SCR, #6-32 x .56L, CONF	4	4	4	4	4	4	4	4	4	4	4	4
21	9006557-00	NUT, KEPS, #4-40	4	4	4	4	4	4	4	4	4	4	4	4
22	9009987-00	SCREW, HEX WASHER HD, #6-18 x .50, SELF TH	11	11	11	11	11	11	11	11	11	11	11	11

TITLE LA180 UNIT ASSY	ASSY NO. E-UA-LA180-0-0	SIZE CODE A PL	NUMBER LA180-0-0	REV. W	ECO NO. LA180 PN 54
SHEET 1 OF 4		DIST.			

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS
PARTS LIST

MADE BY DICK VENO	CHECKED <i>[Signature]</i> 6-17-75	SECTION 1
DATE 3/25/74	DATE <i>[Signature]</i> 6/18/75	ISSUED SECT. 1
ENG <i>[Signature]</i>	PROD R. L. Jodanis	
DATE 6-17-75	DATE 6/18/75	

QUANTITY / VARIATION

ITEM NO.	DWG NO. / PART NO.	DESCRIPTION	LA180-PA	LA180-PB	LA180-PC	LA180-PD	LA180-CA	LA180-CB	LA180-CC	LA180-CD	LA180-EA	LA180-EB	LA180-EC	LA180-ED
23	9006664-00	WASHER, FLAT, #10	7	7	7	7	7	7	7	7	7	7	7	7
24	9007801-00	WASHER, SPLIT LOCK, #6	1	1	1	1								
25	9009988-04	SEMS, HEX HD MACH SCR, #10-32x1", CONE	7	7	7	7	7	7	7	7	7	7	7	7
26	9006658-00	WASHER, FLAT, #4	4	4	4	4	4	4	4	4	4	4	4	4
27	9006653-00	WASHER, FLAT, #6	4	4	4	4	4	4	4	4	4	4	4	4
28	C-PS-3612451-0-0	NAME PLATE	1	1	1	1	1	1	1	1	1	1	1	1
29	D-CS-5411023-0-1	LOGIC BOARD LA180	1	1	1	1	1	1	1	1	1	1	1	1
30	D-CS-5411023-YA-1	LOGIC BOARD LA180 C/C	-	-	-	-								
31	D-IA-7011469-0-0	C/C INTERFACE CABLE ASSY	-	-	-	-								
32	C-MD-7413216-0-0	PLATE, INPUT CLAMP	1	1	1	1	1	1	1	1	1	1	1	1
33	9009988-08	SEMS, HEX HD. MACH SCR., 8-32 x .38, CONE	2	2	2	2	2	2	2	2	2	2	2	2
34	9006690-00	WASHER SPLIT LOCK #8	1	1	1	1	1	1	1	1	1	1	1	1
35	9006660-00	WASHER FLAT #8	2	2	2	2	2	2	2	2	2	2	2	2
36	9008509-00	STRAIN RELIEF	1	1	1	1	1	1	1	1	1	1	1	1
37	A-SP-3700131-0-0	PACKAGING INSTRUCTIONS	REF	REF	REF	REF	REF	REF	REF	REF	REF	REF	REF	REF
38	9008208-1	SCR, PAN HD, NYLON 8-32x.50	6	6	6	6	6	6	6	6	6	6	6	6
39	9008708	WASHER NYLON 37.00x19.10x.032 THK	12	12	12	12	12	12	12	12	12	12	12	12
40	A-DC-7416178-0-0	DECAL, LA180	1	1	1	1	1	1	1	1	1	1	1	1
41	C-MD-7414953-0-0	LINE INDICATOR	1	1	1	1	1	1	1	1	1	1	1	1
42	9006656	WASHER, FLAT	2	2	2	2	2	2	2	2	2	2	2	2
43	9008072-00	EXTERNAL TOOTH LOCKWASHER #8	5	5	5	5	5	5	5	5	5	5	5	5
44	3612680-00	DECAL, GROUND SYMBOL	3	3	3	3	3	3	3	3	3	3	3	3

TITLE LA180 UNIT ASSY	ASSY NO. E-UA-LA180-0-0	SIZE CODE A PL	NUMBER LA180-0-0	REV. W	ECO NO.
SHEET 2 OF 4		DIST.			

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS
PARTS LIST

MADE BY L. TAYLOR	CHECKED STLETZER	SECTION
DATE 10-4-74	DATE 6-17-75	1
ENG STELTZER	PROD R.L. JODOIN	ISSUED SECT.
DATE 6-17-75	DATE 6-18-75	1

QUANTITY / VARIATION

ITEM NO.	DWG NO. / PART NO.	DESCRIPTION	LA180-PA	LA180-PB	LA180-PC	LA180-PD	LA180-CA	LA180-CB	LA180-CC	LA180-CD	LA180-EA	LA180-EB	LA180-EC	LA180-ED
45	A-DC-7414832-0-1	SERIAL NUMBER DECAL LA180	1	1	1	1	1	1	1	1	1	1	1	1
46	7413231-0-0	UNDERWRITERS LABEL 115V	1	1	1	1	1	1	1	1	1	1	1	1
47	7413231-1-0	UNDERWRITERS LABEL 230V	1	1	1	1	1	1	1	1	1	1	1	1
48	5412166-YA	SERIAL OPTION MODULE (20MA)	-	-	-	-	1	1	1	1	-	-	-	-
49	5412166-0	SERIAL OPTION MODULE (EIA)	-	-	-	-	-	-	-	-	1	1	1	1
50	A-DC-7416197-0-2	UNDERWRITERS LABEL	1	1	1	1	1	1	1	1	1	1	1	1
51	A-PS-3613210-01	MODEL INFO. TAG	1	1	1	1	1	1	1	1	1	1	1	1
52	A-PS-3613211-00	C S A DECAL	1	1	-	-	1	1	-	-	1	1	-	-
53	A-PS-3613088-00	LABEL, ADHESIVE BACKED RFI SUPPRESSION	-	-	-	1	-	-	-	1	-	-	-	1
54	E-PS-1213365-02	HEAT SHIELD	1	1	1	1	1	1	1	1	1	1	1	1
55	9006039-01	SCREW, PHL. PAN HD. #8-32 X .50 LG.	2	2	2	2	2	2	2	2	2	2	2	2
56	9008340-00	CLIP, HARNESS	1	1	1	1	1	1	1	1	1	1	1	1
57	9006634	WASHER INTERNAL LOCK #8	6	6	6	6	6	6	6	6	6	6	6	6
58	BC08S-2	I/O CABLE	-	-	-	-	1	1	1	1	1	1	1	1
59	BC05M-2C	BC05M CABLE ASSY	-	-	-	-	1	1	1	1	-	-	-	-
60	BC05F-9	BC05F INTERFACE CABLE	-	-	-	-	1	1	1	1	-	-	-	-
61	7010001-8	JUMPER, TWISTED PAIR, 23.5 LG	-	-	-	-	1	1	1	1	1	1	1	1
62	7013701	MODEM CABLE	-	-	-	-	-	-	-	-	1	1	1	1
63	9009556	SPACER 6-32 X .56, FIBER	-	-	-	-	2	2	2	2	2	2	2	2
64	9007661	SPACER, .25 ID X .56	-	-	-	-	4	4	4	4	4	4	4	4
65	9009984-00	SEMS, PHIL PAN HD SCR., 6-32x.38, CONE	-	-	-	-	4	4	4	4	4	4	4	4
66	9007033	CABLE TIE	-	-	-	-	1	1	1	1	1	1	1	1

TITLE LA180 UNIT ASSY	ASSY NO. E-UA-LA180-0-0	SIZE A	CODE PL	NUMBER LA180 -0-0	REV W	ECO NO.
	SHEET 3 OF 4	DIST.				

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS
PARTS LIST

MADE BY L. TAYLOR		CHECKED STLETZER	SECTION
DATE 10-4-74		DATE 6-17-75	1
ENG STELTZER		PROD R.L. JODOIN	ISSUED SECT.
DATE 6-17-75		DATE 6-18-75	1

QUANTITY / VARIATION

ITEM NO.	DWG NO. / PART NO.	DESCRIPTION	LA180-PA	LA180-PB	LA180-PC	LA180-PD	LA180-CA	LA180-CB	LA180-CC	LA180-CD	LA180-EA	LA180-EB	LA180-EC	LA180-ED
67	9007649	LOCK WASHER	4	4	4	4	4	4	4	4	4	4	4	4
68	9006656	FLAT WASHER	4	4	4	4	4	4	4	4	4	4	4	4
69	A-PS-3613210-02	SERIAL TAG	1	1	1	1	1	1	1	1	1	1	1	1
70	9009985-01	SEMS, HEX HD MACH SCR, 8-32x.38, INT.STAR	6	6	6	6	6	6	6	6	6	6	6	6

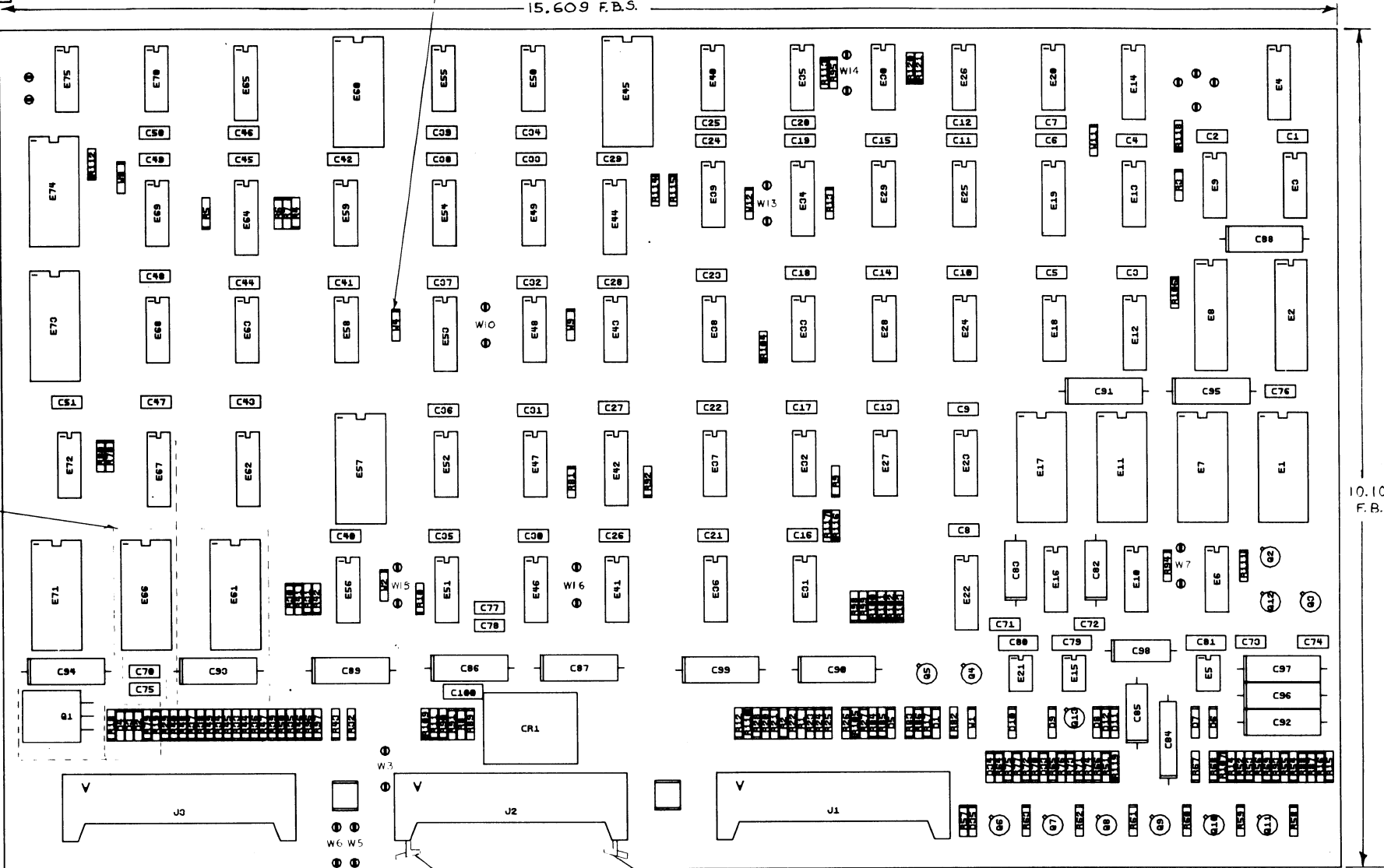
TITLE	ASSY NO.	SIZE CODE	NUMBER	REV.	ECO NO.
LA180 UNIT ASSY	E-UA-LA180-0-0	A PL	LA180-0-0	W	
SHEET 4 OF 4	DIST.				

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NOTES:

NOTES:

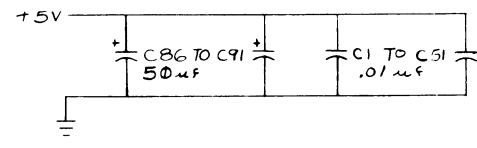
- COMPONENTS WITHIN OUTLINE WERE USED ONLY WHEN PROMS WERE USED ON SERIAL #11303 AND EARLIER.
- W4 NECESSARY FOR 591 NS OR 200 BAUD CLOCK TO J3.
- HOLES IN IC LOCATIONS E11 AND E17 TO BE MASKED FROM WAVE SOLDERING PROCESS IN -00 VARIATION.



SEE NOTE *1

SEE NOTE **?

2611 IP	12	24		1
74175	8	16		
74161	8	16		
74123	8	16		
7489	8	16		
74150	12	24		
74190	8	16		
7442	8	16		
74193	8	16		
74154	12	24		
2101-2	8	22		
8640	1	8		
7493A	10	5		
1702A		12,22,23		16,24
LM301A			7	4
2627	12	24		
2626	12	24		
IC TYPE	GND	+5V	+12V	-12V
GND AND 5V ARE USUALLY PIN 7 AND 14 RESPECTIVELY EXCEPTIONS ARE STATED ABOVE				
IC PIN LOCATIONS				



88 TYP 3 PLACES

89 TYP 3 PLACES

SEE JUMPER TABLE SHEET 3 OF 10

SEE SHEET *2				
QTY	REF. DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
FIRST USED ON OPTION MODEL				
LA180				
ETCH BOARD REV. F				
PARTS LIST				
DRN.	DATE	<p>TITLE LA180 LOGIC BOARD</p>		
CHK'D.	DATE			
ENG.	DATE			
PROJ. ENG.	DATE			
PROD.	DATE			
NEXT HIGHER ASSY				
DEC NO.	EIA NO.	DEC NO.	EIA NO.	REV.
SEMICONDUCTOR CONVERSION CHART				
SCALE	SHEET		OF 10	DIST.
SIZE CODE	NUMBER		REV.	
DCS	5411023-0-1		V	

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JUMPER	CONFIGURATION	FUNCTION
W1	INSTALLED	BELL VOLUME CONTROL
W2	INSTALLED	BUSY H@ INTERFACE
W3	REMOVED	-12V INTERFACE VOLTAGE
W4	INSTALLED	1200 BAUD/591 NS
W5	REMOVED	+12V INTERFACE VOLTAGE
W6	REMOVED	+5V INTERFACE VOLTAGE
W7	REMOVED	KATAKANA CHAR SET
W8	INSTALLED	AUTO LINE FEED OPTION
W9	INSTALLED	PARITY ERROR CHAR PRINTED
W10	REMOVED	SPACE PRINTED AS PARITY ERROR CHAR.
W11	INSTALLED	DELETE CODE (CBA)
W12	INSTALLED	591 NS
W13	REMOVED	1200 BAUD
W14	REMOVED	P T@F H
W15	REMOVED	BUSY L@ INTERFACE
W16	REMOVED	PARITY ERROR

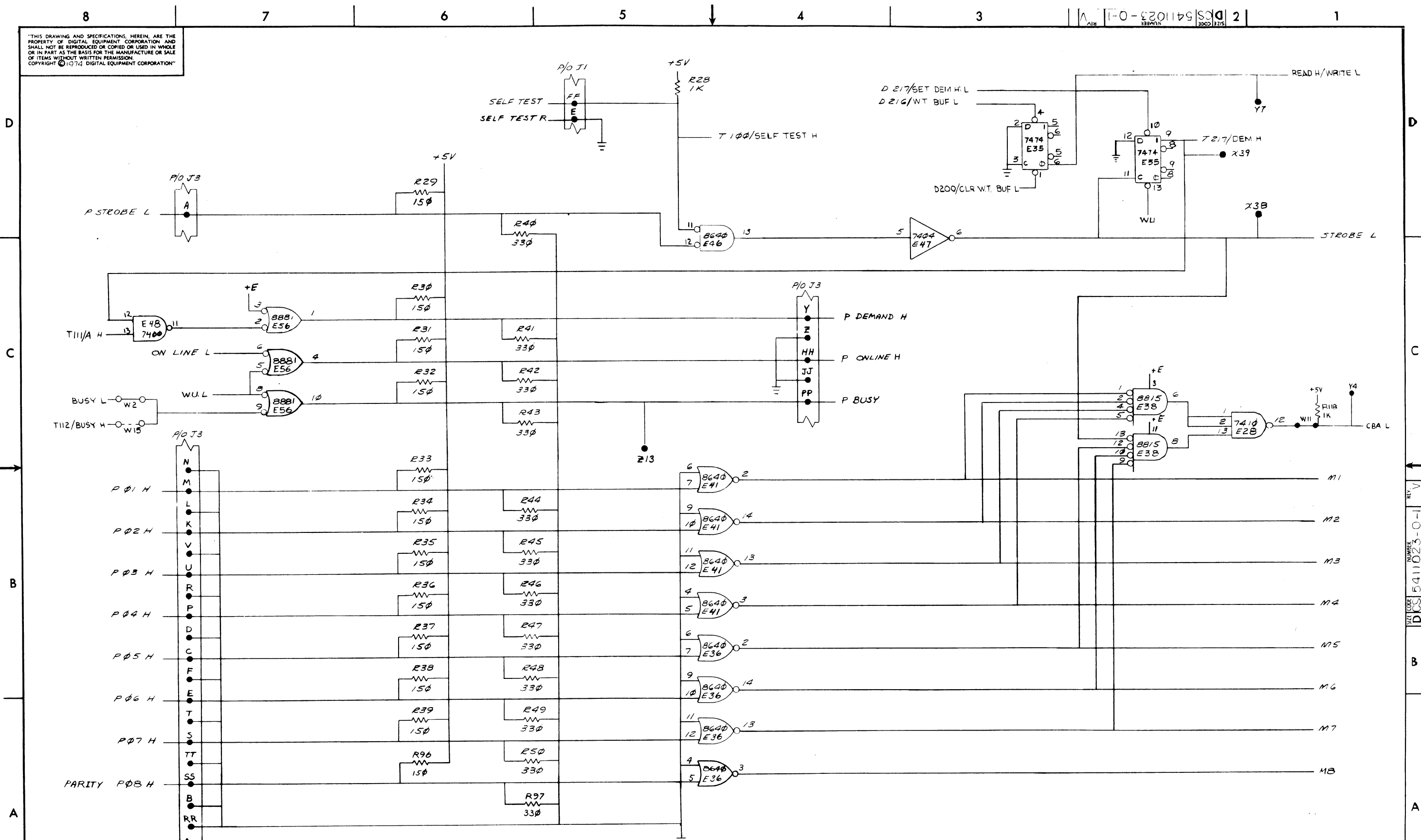
* JUMPER CONFIGURATIONS MAY VARY TO REFLECT FACTORY INSTALLED OPTIONS.
 W5 AND W16 MUST NOT BE INSTALLED AT THE SAME TIME.
 W12 AND W13 MUST NOT BE INSTALLED AT THE SAME TIME.
 W2 AND W15 MUST NOT BE INSTALLED AT THE SAME TIME.
 WHEN W7 IS INSTALLED, A JUMPER MUST BE ADDED BETWEEN SPLIT LUGS COM AND K. (NO OTHER JUMPER SHOULD BE CONNECTED TO COM.)

PARITY OPTIONS

1. NO PARITY - JUMPERS REMOVED FROM SPLIT LUGS E, COM AND O.
2. EVEN PARITY - JUMPERS INSTALLED BETWEEN SPLIT LUGS COM AND E.
3. ODD PARITY - JUMPER INSTALLED BETWEEN SPLIT LUGS COM AND O.

REVISIONS		
CHK	CHANGE NO.	REV.

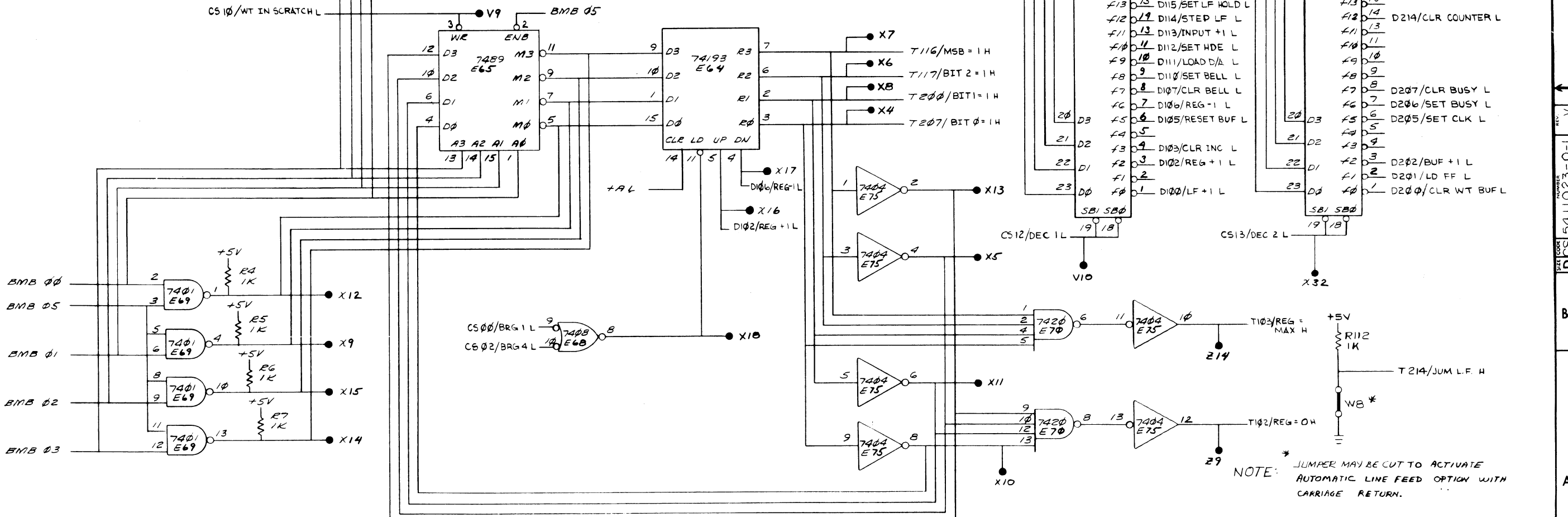
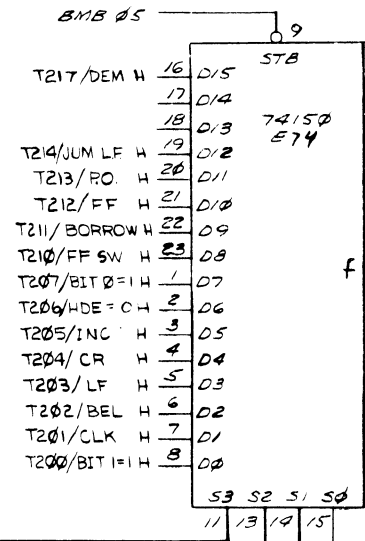
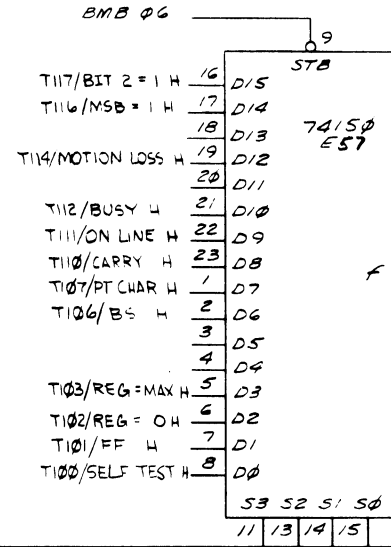
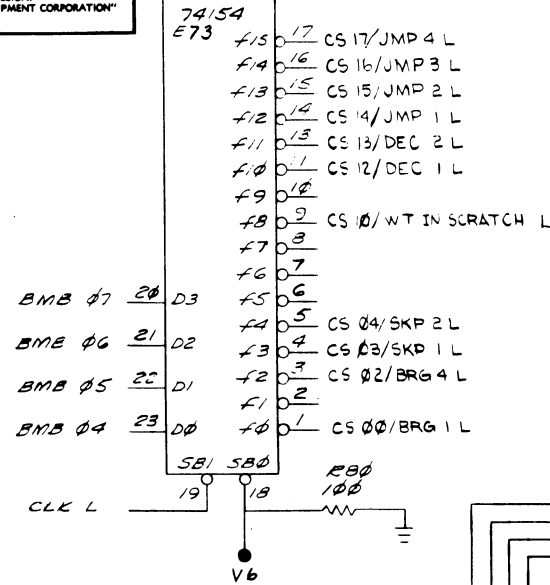
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REVISIONS		
CHK	CHANGE NO.	REV.

TITLE	LAI50 LOGIC BOARD	SIZE CODE	DCS 5411023-0-1	NUMBER	2	REV.	V
SCALE		SHEET	1 OF 10	DIST.			

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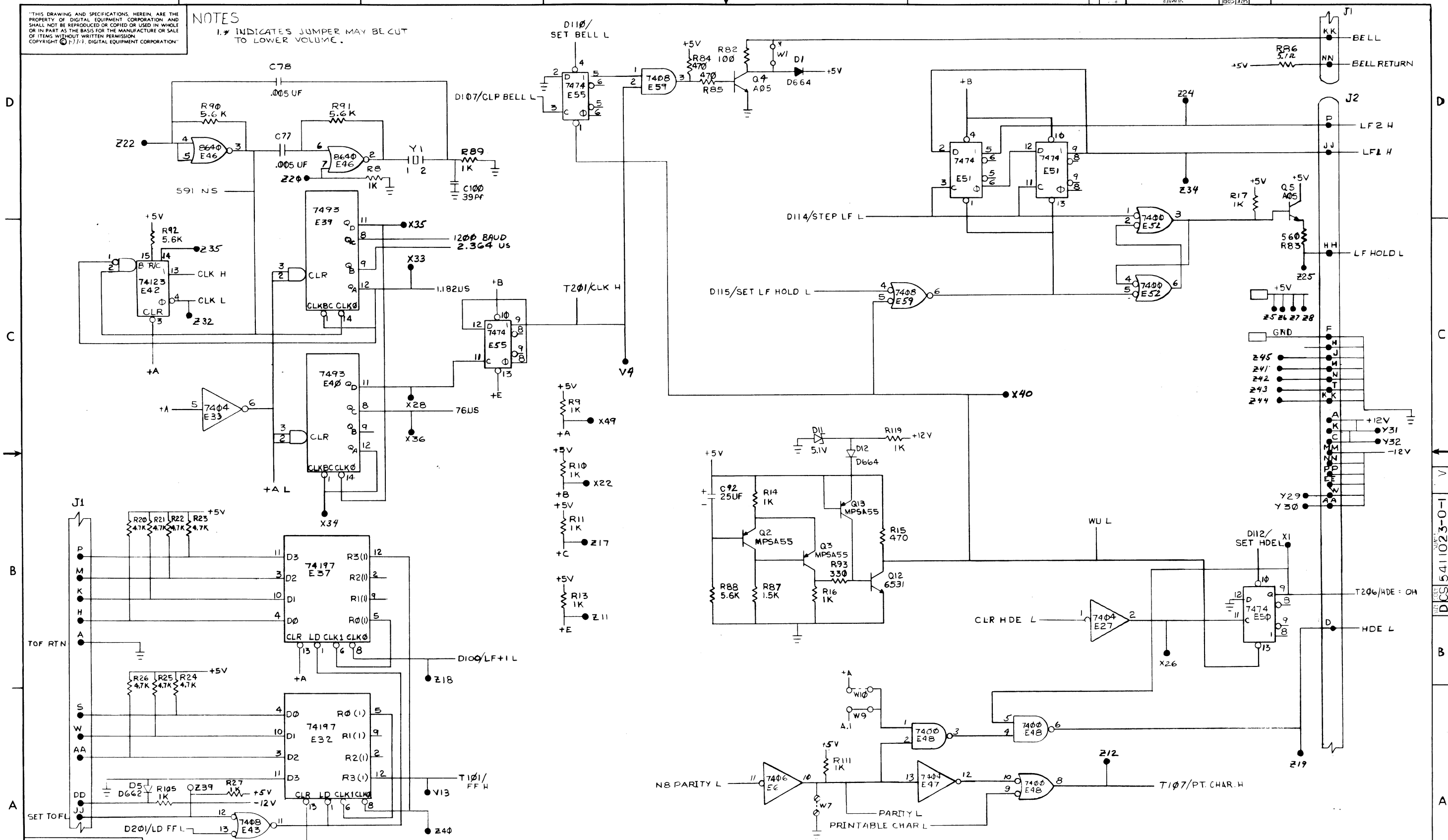


NOTE: JUMPER MAY BE CUT TO ACTIVATE AUTOMATIC LINE FEED OPTION WITH CARRIAGE RETURN.

REVISIONS		
CHK	CHANGE NO.	REV.

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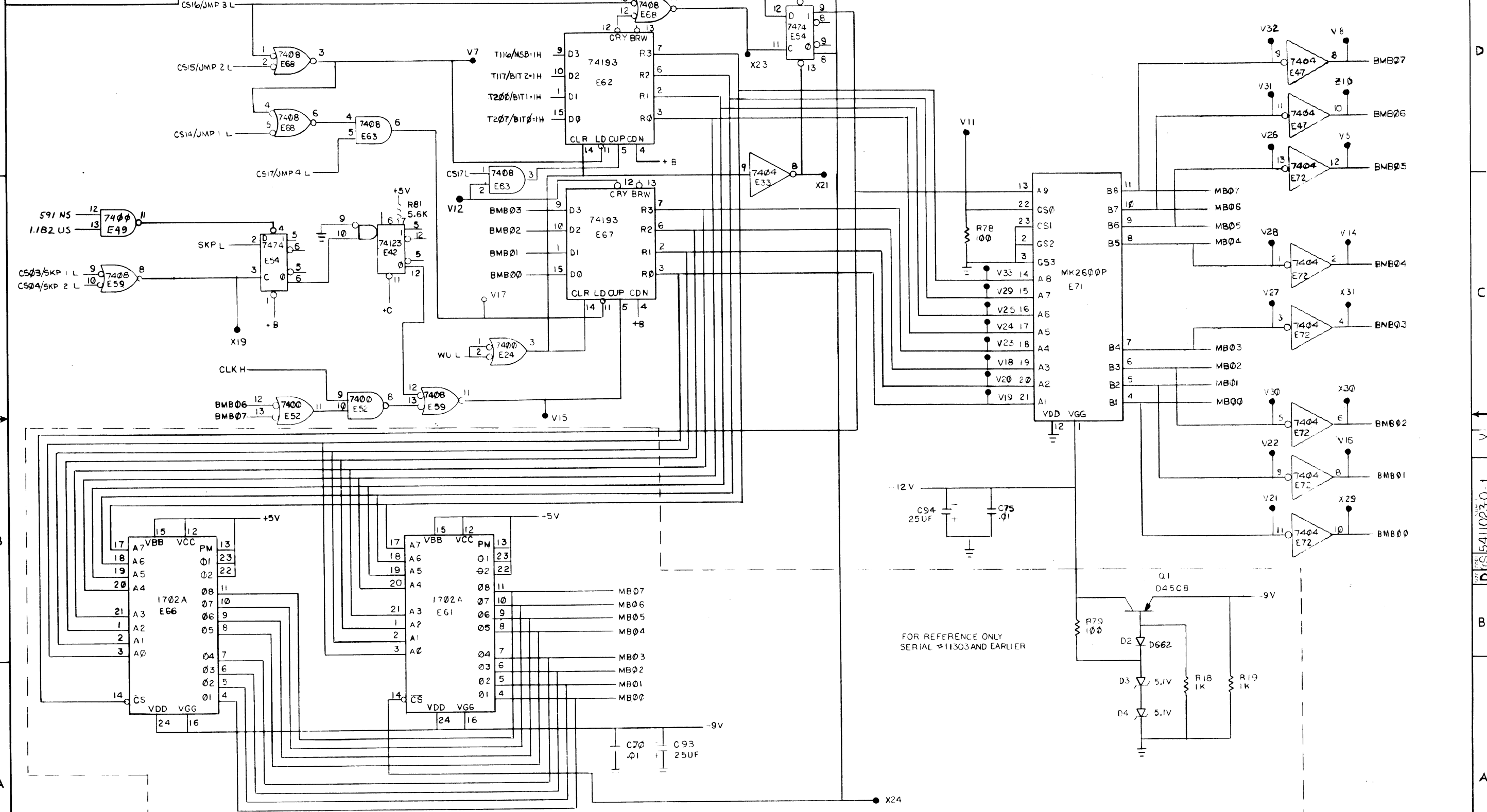
NOTES
 1. * INDICATES JUMPER MAY BE CUT TO LOWER VOLUME.



REVISIONS		
CHK	CHANGE NO	REV

TITLE	LA 180 LOGIC BOARD	SIZE CODE	DCS 5411023-0-1	NUMBER		REV	Y
SCALE		SHEET	6 OF 10	DIST			

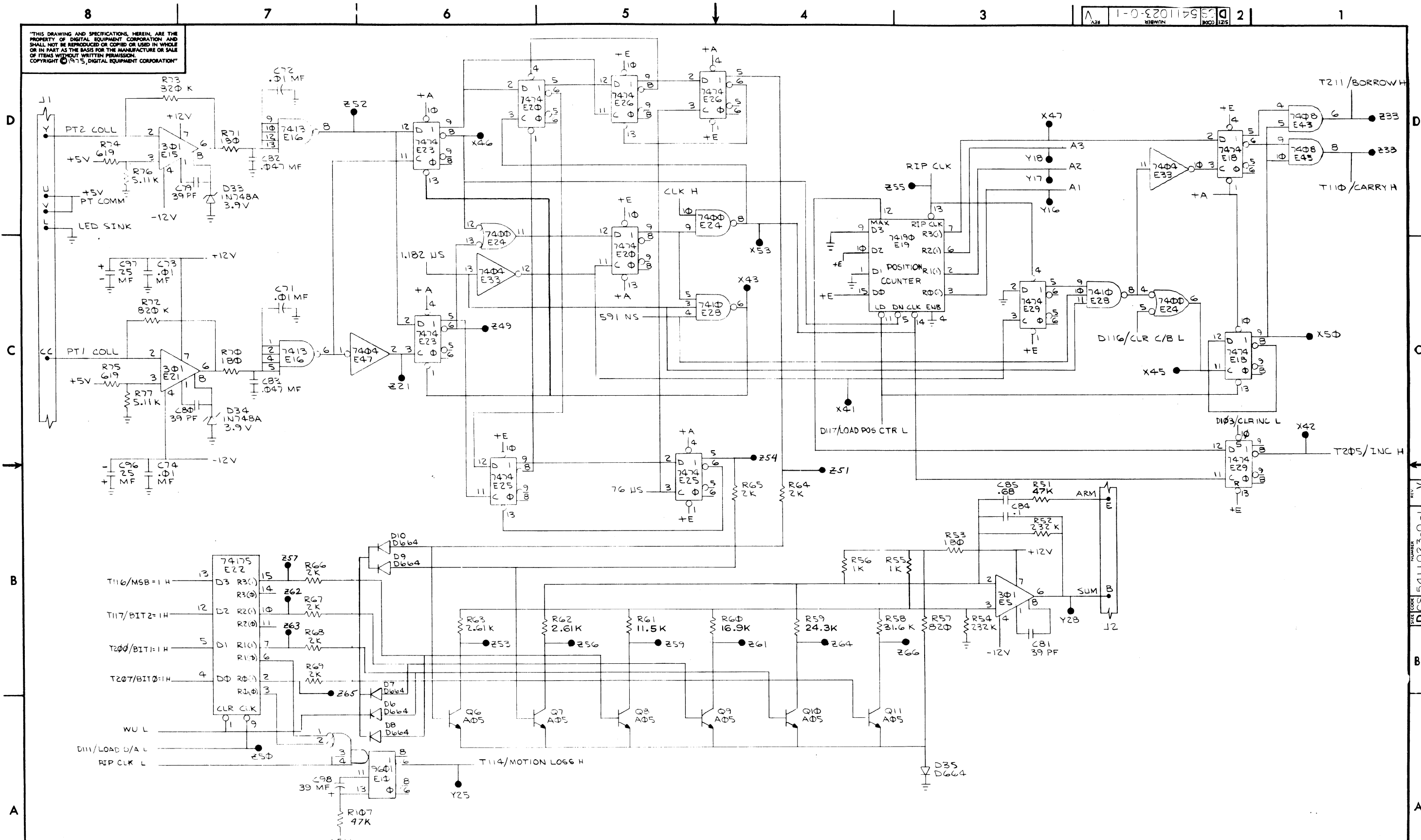
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REVISIONS		
CHK	CHANGE NO	REV

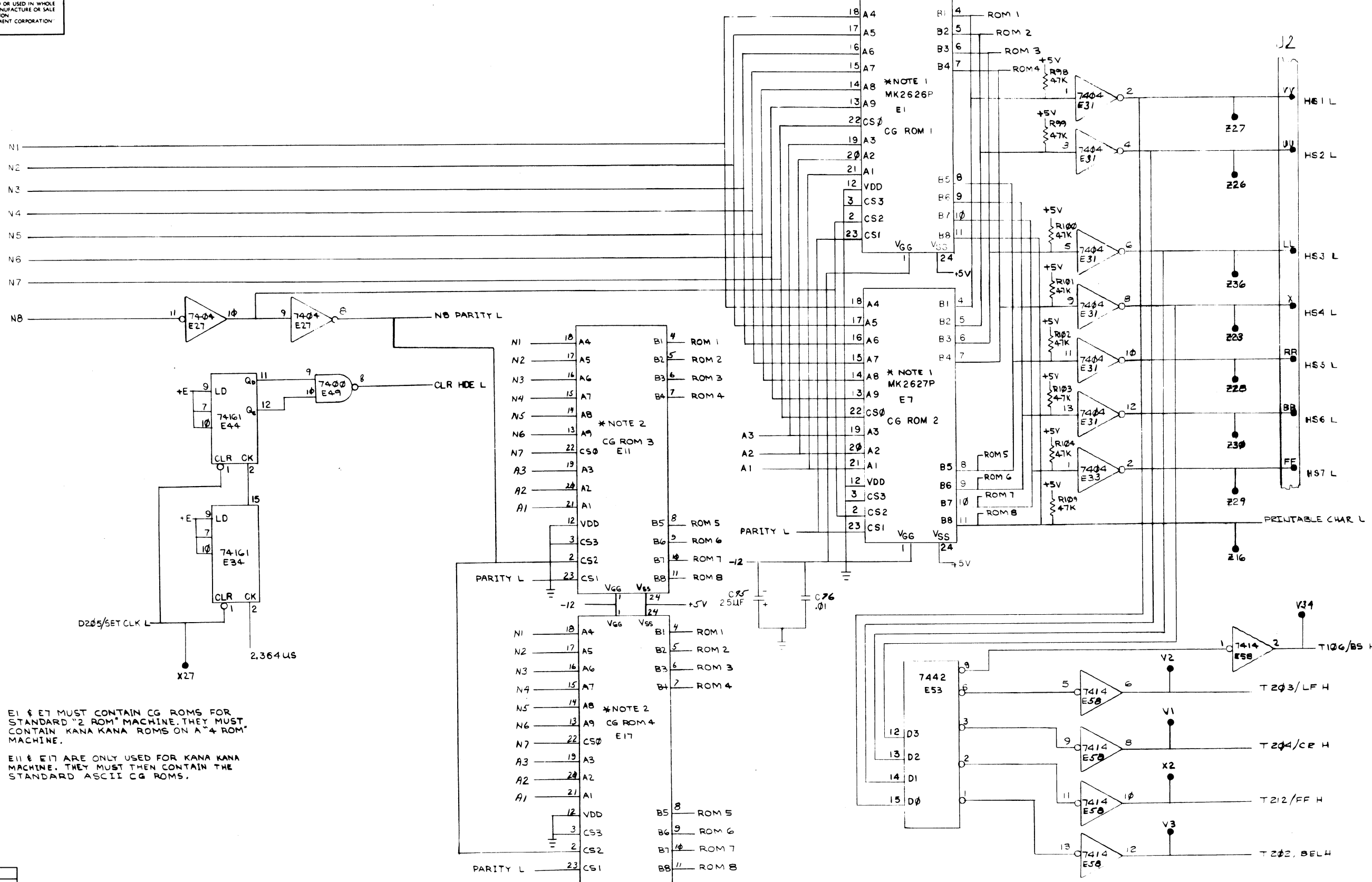
TITLE	LAI80 LOGIC BOARD	SIZE CODE	D CS 5411023 0-1	NUMBER		REF	V
SCALE		SHEET	7 OF 10	DIST.			

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REVISIONS		
CHK	CHANGE NO.	REV.

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* NOTE 1 E1 & E7 MUST CONTAIN CG ROMS FOR STANDARD "2 ROM" MACHINE. THEY MUST CONTAIN KANA KANA ROMS ON A "4 ROM" MACHINE.
 * NOTE 2 E11 & E17 ARE ONLY USED FOR KANA KANA MACHINE. THEY MUST THEN CONTAIN THE STANDARD ASCII CG ROMS.

REVISIONS		
CHK	CHANGE NO	REV

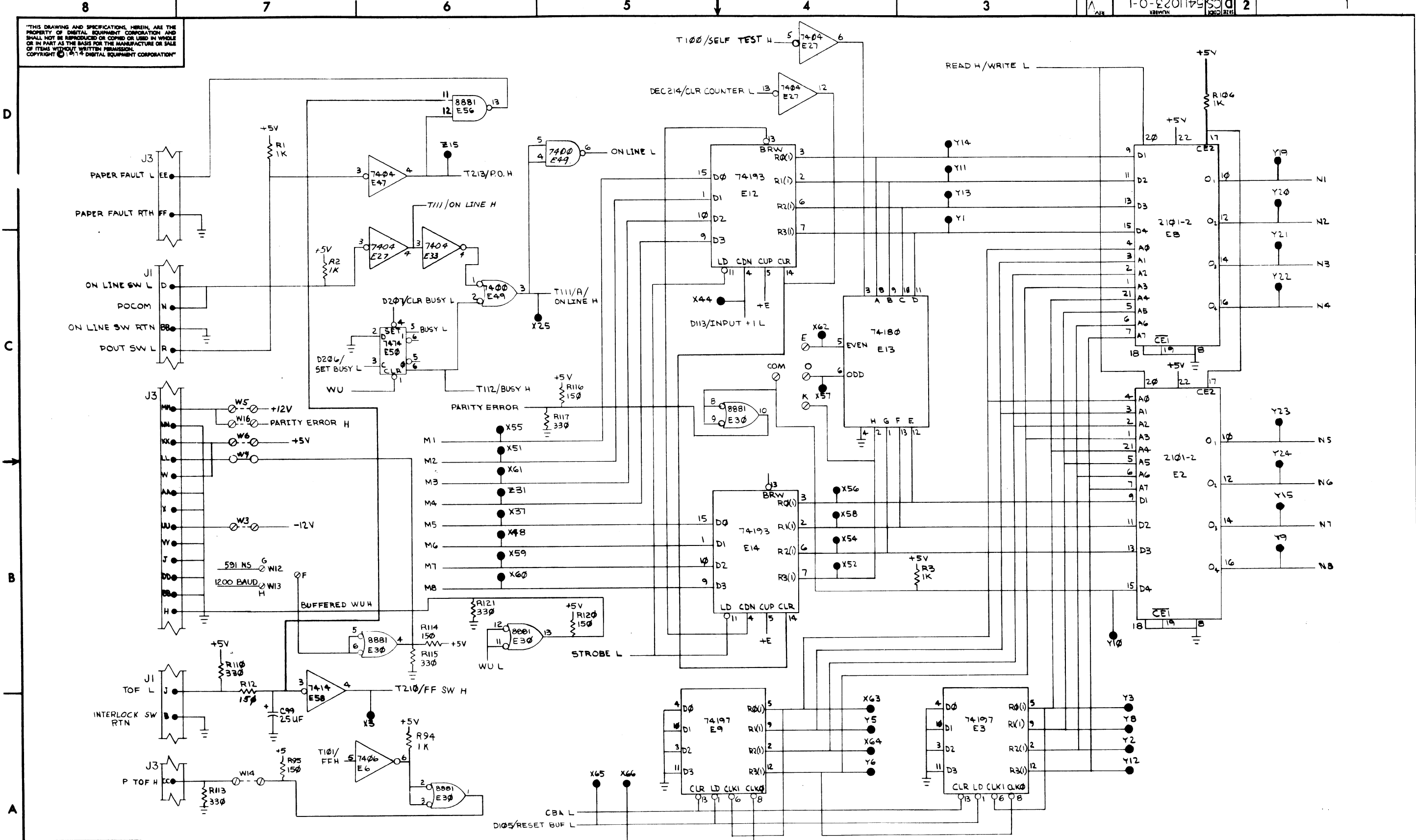
8 7 6 5 4 3 2 1

D C B A

8 7 6 5 4 3 2 1

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REV. V
 NUMBER DCS 5411023-0-1
 SHEET 10 OF 10

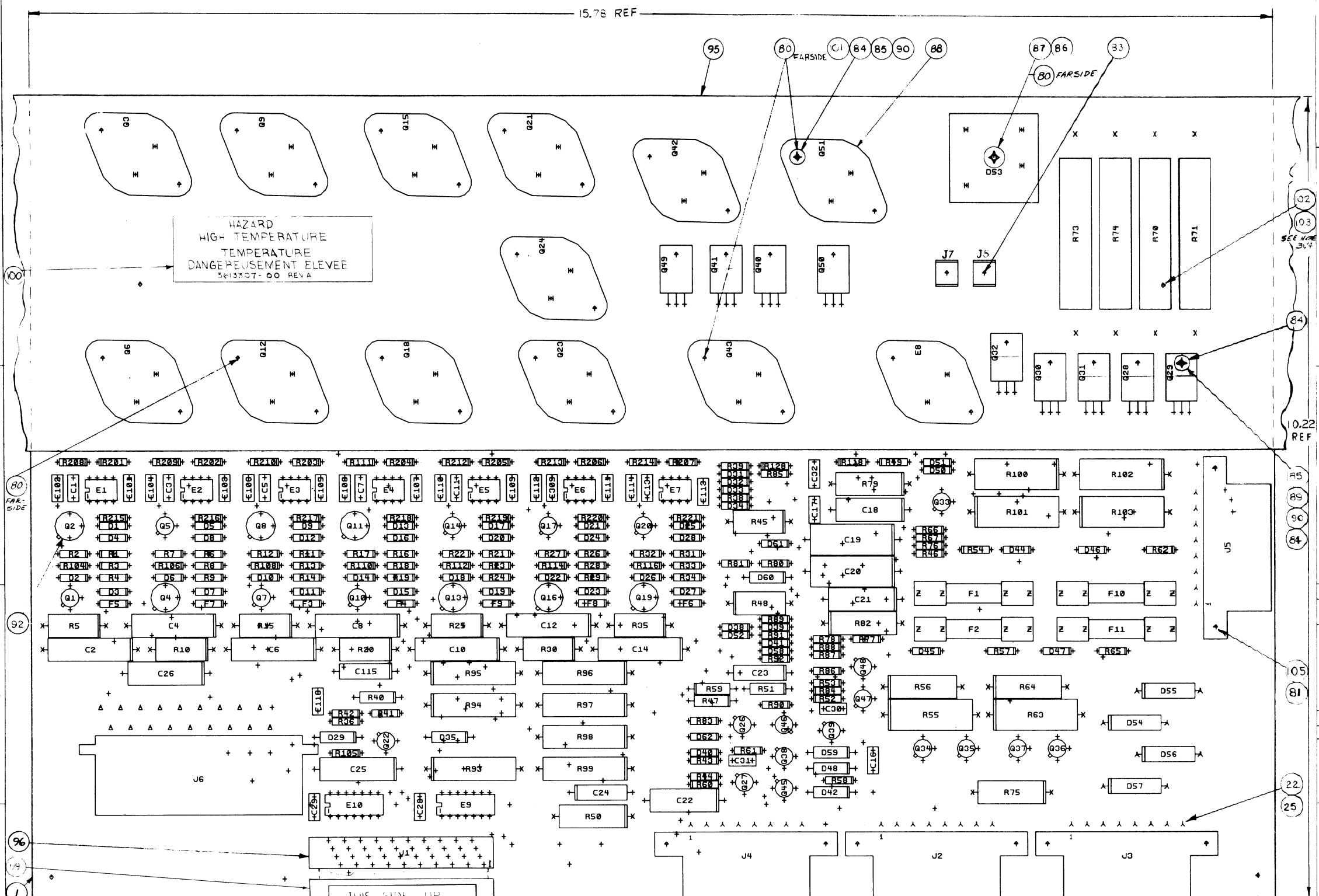


REVISIONS		
CHK	CHANGE NO.	REV.

TITLE	LA180 LOGIC BOARD	SIZE CODE	D	NUMBER	5411023-0-1	REV.	V
SCALE		SHEET	10 OF 10	DIST.			

REV. V
 NUMBER DCS 5411023-0-1
 SHEET 10 OF 10

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- NOTES:
1. THE WIDTH BETWEEN TOOLING HOLES IS 16.50.
 2. KEY: J2 PIN 4 J4 PIN2
J3 PIN 5 J5 PIN3
 3. INSTALL WASHER ITEM103 ON FARSIDE OF BOARD 2 PLACES @.
 4. INSTALL WASHER BETWEEN HEAT SINK AND BOARD 2 PLACES @, ITEM103

CHANGE NO	REV	DESCRIPTION
1	1	INITIAL DESIGN
2	2	REVISED TO ADD J4, J5
3	3	REVISED TO ADD J2, J3
4	4	REVISED TO ADD J1
5	5	REVISED TO ADD J6
6	6	REVISED TO ADD J7
7	7	REVISED TO ADD J8
8	8	REVISED TO ADD J9
9	9	REVISED TO ADD J10
10	10	REVISED TO ADD J11
11	11	REVISED TO ADD J12
12	12	REVISED TO ADD J13
13	13	REVISED TO ADD J14
14	14	REVISED TO ADD J15
15	15	REVISED TO ADD J16
16	16	REVISED TO ADD J17
17	17	REVISED TO ADD J18
18	18	REVISED TO ADD J19
19	19	REVISED TO ADD J20
20	20	REVISED TO ADD J21
21	21	REVISED TO ADD J22
22	22	REVISED TO ADD J23
23	23	REVISED TO ADD J24
24	24	REVISED TO ADD J25
25	25	REVISED TO ADD J26
26	26	REVISED TO ADD J27
27	27	REVISED TO ADD J28
28	28	REVISED TO ADD J29
29	29	REVISED TO ADD J30
30	30	REVISED TO ADD J31
31	31	REVISED TO ADD J32
32	32	REVISED TO ADD J33
33	33	REVISED TO ADD J34
34	34	REVISED TO ADD J35
35	35	REVISED TO ADD J36
36	36	REVISED TO ADD J37
37	37	REVISED TO ADD J38
38	38	REVISED TO ADD J39
39	39	REVISED TO ADD J40
40	40	REVISED TO ADD J41
41	41	REVISED TO ADD J42
42	42	REVISED TO ADD J43
43	43	REVISED TO ADD J44
44	44	REVISED TO ADD J45
45	45	REVISED TO ADD J46
46	46	REVISED TO ADD J47
47	47	REVISED TO ADD J48
48	48	REVISED TO ADD J49
49	49	REVISED TO ADD J50
50	50	REVISED TO ADD J51
51	51	REVISED TO ADD J52
52	52	REVISED TO ADD J53
53	53	REVISED TO ADD J54
54	54	REVISED TO ADD J55
55	55	REVISED TO ADD J56
56	56	REVISED TO ADD J57
57	57	REVISED TO ADD J58
58	58	REVISED TO ADD J59
59	59	REVISED TO ADD J60
60	60	REVISED TO ADD J61
61	61	REVISED TO ADD J62
62	62	REVISED TO ADD J63
63	63	REVISED TO ADD J64
64	64	REVISED TO ADD J65
65	65	REVISED TO ADD J66
66	66	REVISED TO ADD J67
67	67	REVISED TO ADD J68
68	68	REVISED TO ADD J69
69	69	REVISED TO ADD J70
70	70	REVISED TO ADD J71
71	71	REVISED TO ADD J72
72	72	REVISED TO ADD J73
73	73	REVISED TO ADD J74
74	74	REVISED TO ADD J75
75	75	REVISED TO ADD J76
76	76	REVISED TO ADD J77
77	77	REVISED TO ADD J78
78	78	REVISED TO ADD J79
79	79	REVISED TO ADD J80
80	80	REVISED TO ADD J81
81	81	REVISED TO ADD J82
82	82	REVISED TO ADD J83
83	83	REVISED TO ADD J84
84	84	REVISED TO ADD J85
85	85	REVISED TO ADD J86
86	86	REVISED TO ADD J87
87	87	REVISED TO ADD J88
88	88	REVISED TO ADD J89
89	89	REVISED TO ADD J90
90	90	REVISED TO ADD J91
91	91	REVISED TO ADD J92
92	92	REVISED TO ADD J93
93	93	REVISED TO ADD J94
94	94	REVISED TO ADD J95
95	95	REVISED TO ADD J96
96	96	REVISED TO ADD J97
97	97	REVISED TO ADD J98
98	98	REVISED TO ADD J99
99	99	REVISED TO ADD J100

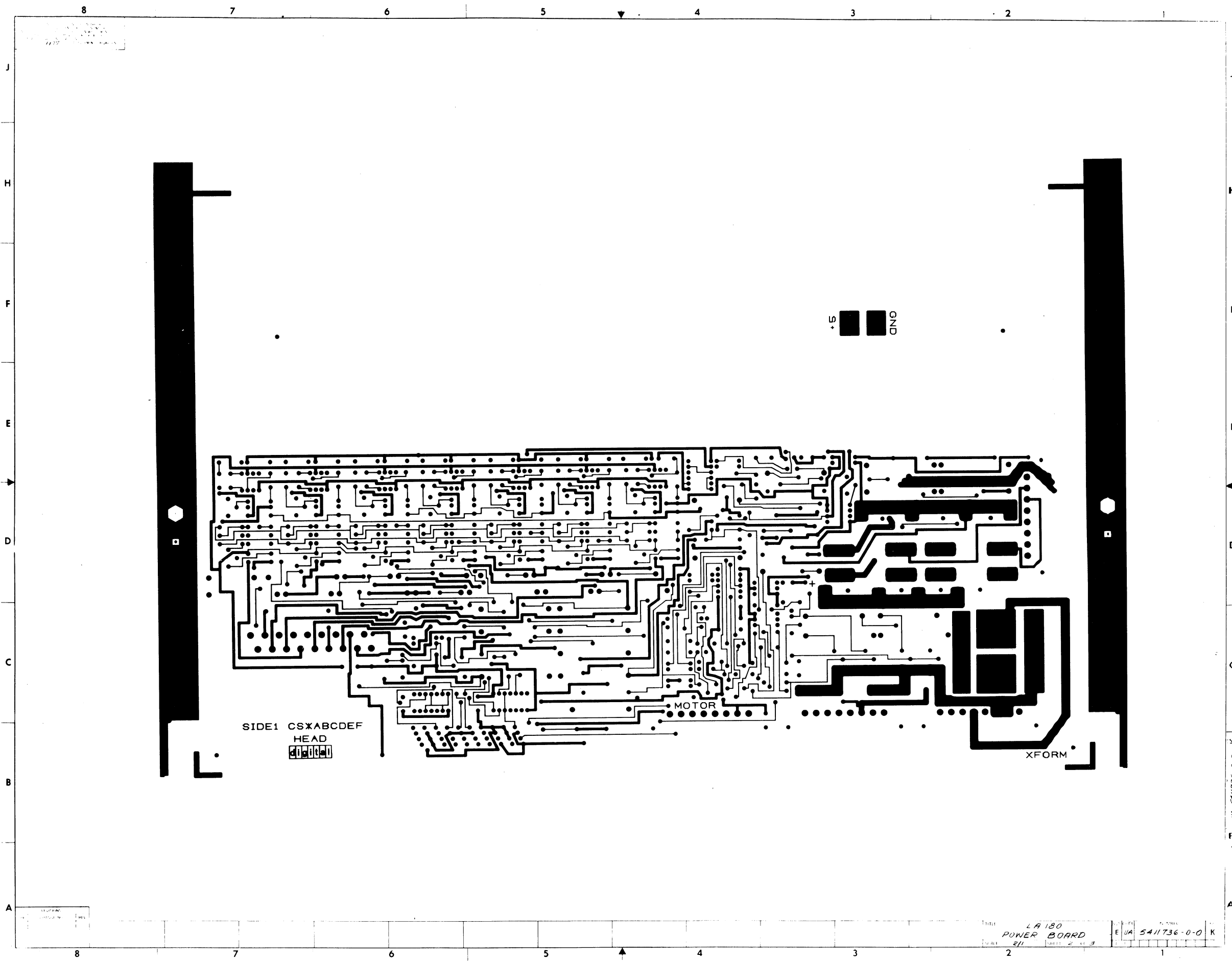
HOLE DATA	
SYMBOL	
FIN HOLE SIZE	
PLATED	
NON PLATED	
QTY.	
○ OFF GRD HLE	
DRILL SIZE	

BOARD FABRICATION INFORMATION	
PANEL SIZE	12.00 X 17.00
PANEL DATA DWG.#	
PANEL MAT'L	CS5 FRK
QTY. OF LAYERS	2
COPPER THICKNESS	20
PTH. X PRINT AND ETCH	
MODULE INSERTED 100 TIMES OR MORE?	

SIGNATURES		DATE
DRN.		11/13/73
CHK'D.		11/13/73
ENG.		11/13/73
PROJ. ENG.		11/13/73
PROD.		11/13/73
SCALE	2/1	
SHT. 1	OF 3	
NEXT HIGHER ASSY.	BDD 5411736-0	

digital

TITLE LA180 POWER BOARD
SIZE CODE NUMBER
EUA 5411736-0-0
ETCH REV. E



LA 120
POWER BOARD
REV. 2/11/73

SIDE1 CSXABCDEF
HEAD

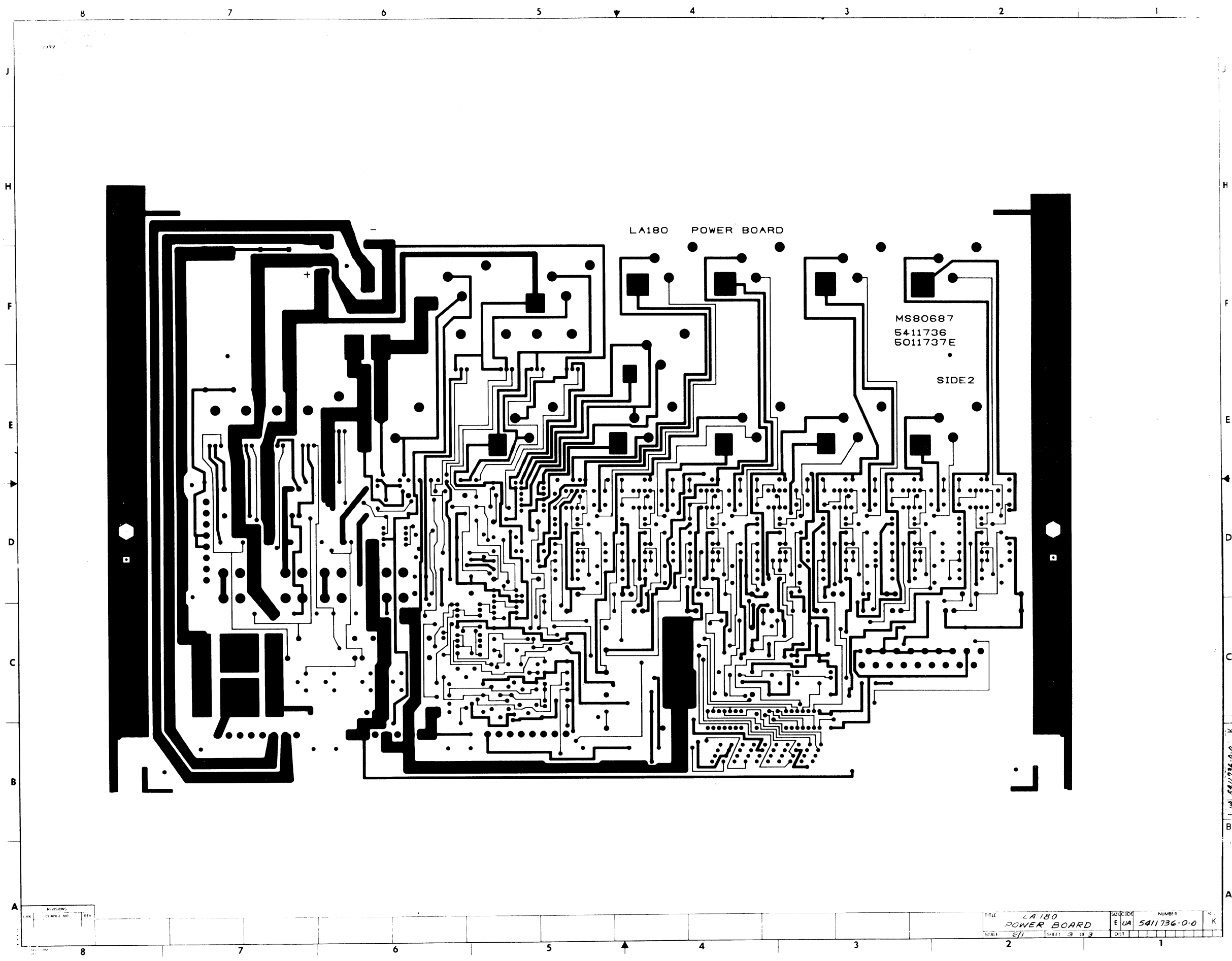
MOTOR

XFORM

+5 GND

DATE: 2/11/73
DRAWN: [signature]
CHECKED: [signature]

LA 120
POWER BOARD
REV. 2/11/73
EUA 5411736-0-0 K



LA180 POWER BOARD

MS80687
5411736
5011737E

SIDE 2

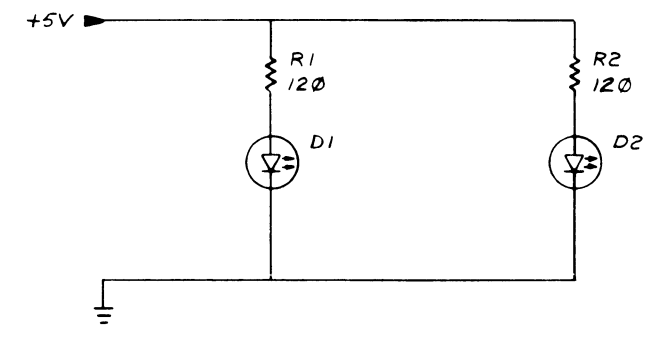
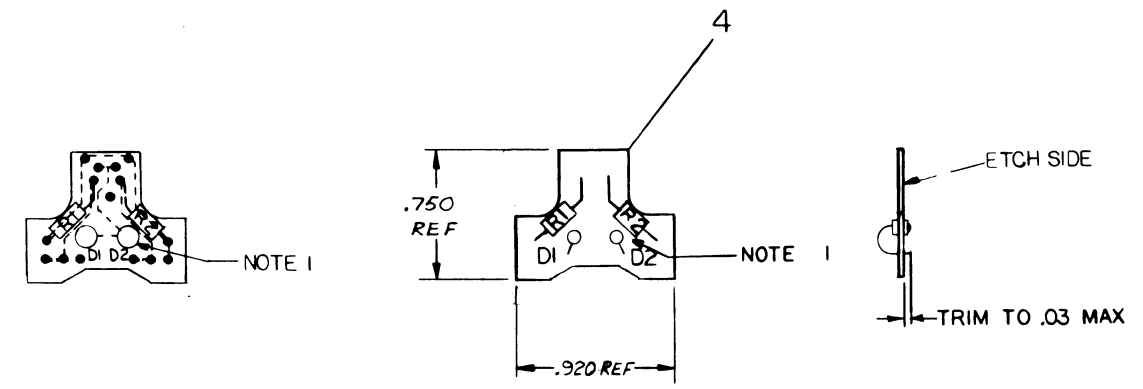
REV	CHANGE NO	REVISIONS

TITLE	LA 180 POWER BOARD	SIZE/CODE	E UA	NUMBER	5411736-0-0	REV	K
SCALE	2/1	SHEET	3	OF	3	DIST	

B I UJ 5411736-0-0 K

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- NOTES:
- HEAT APPLIED TO D1 AND D2 DURING SOLDERING SHALL NOT EXCEED 285°C FOR A PERIOD OF 15 SECONDS.
 - ~~FINISHED HOLE SIZE FOR MOUNTING D1 AND D2 SHALL BE 0.78 MIN - 0.89 MAX~~
 - AT WORST TOLERANCE CONDITION A .001 INTERFERENCE BETWEEN THE LED AND IT'S MOUNTING HOLE IS POSSIBLE.



REF	X-Y COORDINATE HOLE LOCATION	K-CO-5410991-0-4	1	
REF	ASSY/DRILLING HOLE LAYOUT	D-AH-5410991-0-5	2	
REF	MODULE ECO HISTORY	B-MH-5410991-0-6	3	
1	ETCHED CIRCUIT BOARD	D-1A-5410991-0-4	4	
2	R1, R2	RES 120 1/4W 5%	1300247-00	5
2	D1, D2	LIGHT EMITTING DIODE	1111907	6

QTY	REF DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST				
ETCH BOARD REV	D			
DRN	J. Quabian	DATE	5/1/74	
CHKD	J. Quabian	DATE	5-1-74	
ENGR	J. Quabian	DATE	7-12-77	
PROJ. ENG.	J. Quabian	DATE	7-12-77	
PRD	J. Quabian	DATE	7-13-77	
NEXT HIGHER ASSY				
DEC NO.		EIA NO.		SCALE
				1 OF 1
SEMICONDUCTOR CONVERSION CHART				
CHK	CHANGE NO.	REV		

digital CORPORATION
 MAYNARD MASSACHUSETTS

TITLE
LA36
ENCODER PC BOARD
LED

SIZE CODE NUMBER REV.
 DCS 5410991-0-1 F

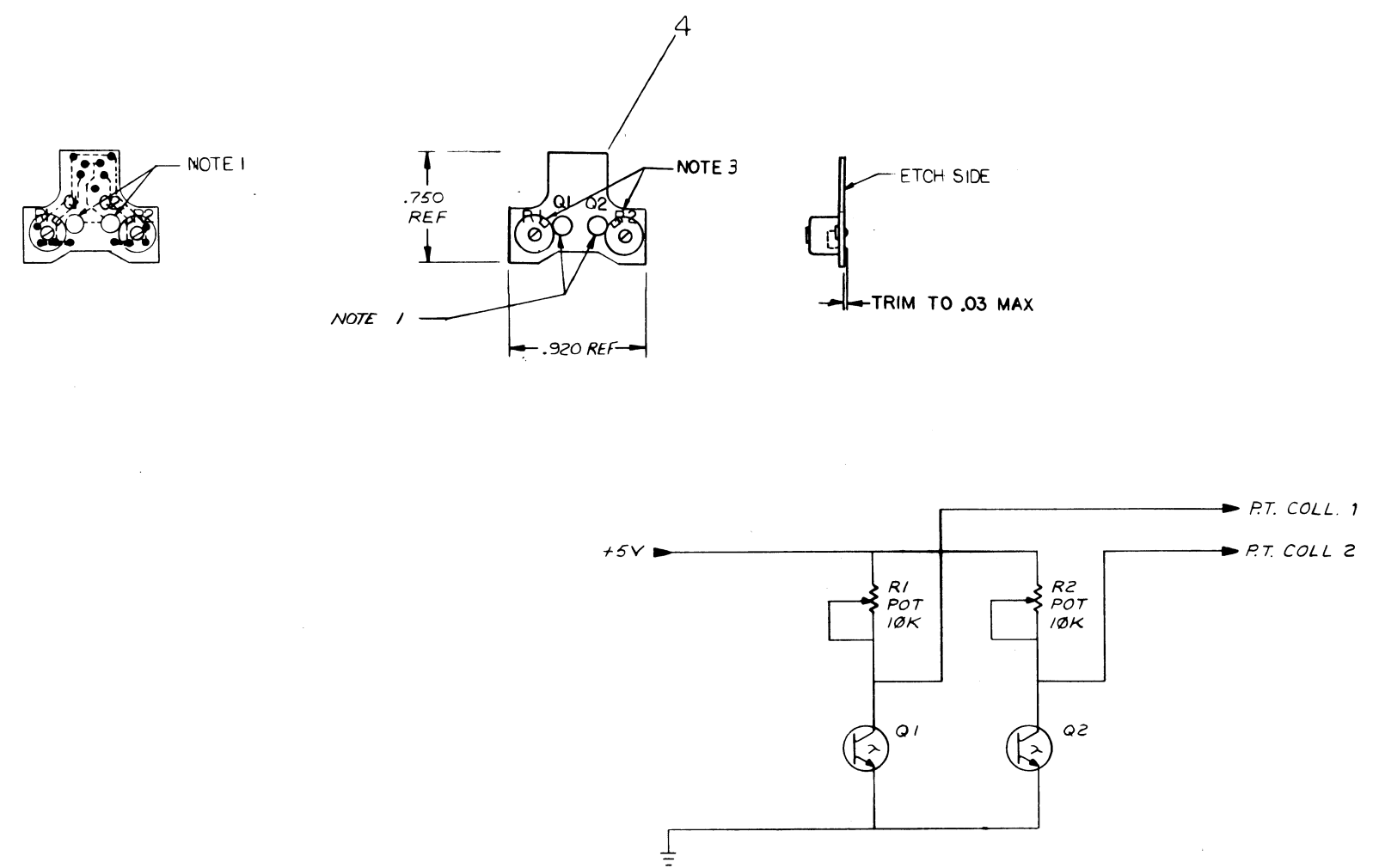
DEC FORM NO. DRD-135

SIZE CODE NUMBER
 DCS 5410991-0-1 F

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- NOTES:
1. HEAT APPLIED TO Q1 AND Q2 DURING SOLDERING SHALL NOT EXCEED 285° C FOR A PERIOD OF 15 SECONDS.
 2. FINISHED HOLE SIZE FOR MOUNTING Q1 AND Q2 SHALL BE .078 MIN., .083 MAX.
 3. R1 AND R2 MUST BE ORIENTED AS SHOWN, WITH NOTCH TOWARD CENTER OF BOARD.
 - 4 AT WORST TOLERANCE CONDITION A .001 INTERFERENCE BETWEEN THE PHOTOTRANSISTOR AND IT'S MOUNTING HOLE IS POSSIBLE.



REF	QTY	REF DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
			X-Y COORDINATE HOLE LOCATION	K-CO-591099-0-4	1
			ASSY/DRILLING HOLE LAYOUT	D-4H-541049-0-5	2
			MODULE ECO HISTORY	B-MH-541049-0-6	3
			ETCHED CIRCUIT BOARD	D-1A-501099-0-0	4
	2	R1, R2	POTENTIOMETER 10K	1309150-12	5
	2	Q1, Q2	PHOTO TRANSISTOR	1511906	6

PARTS LIST			
QTY	REF DESIGNATION	DESCRIPTION	ITEM NO.
		ETCH BOARD REV	C

DRN. J. Desuk	DATE 3/2/79	<p>TITLE LA36 ENCODER PC BOARD PHOTOTRANSISTOR</p>
CHK'D. J. Desuk	DATE 11	
ENGR. J. Desuk	DATE 2/12/79	
PROD. J. Desuk	DATE 2-12-79	
	DATE 2-12-79	
NEXT HIGHER ASSY		SIZE CODE DCS 5411049-0-1
REVISIONS		NUMBER 0-1
CHK. CHANGE NO. REV. 1	5411049-00001 B	REV. E

SEMICONDUCTOR CONVERSION CHART			
DEC NO.	EIA NO.	DEC NO.	EIA NO.

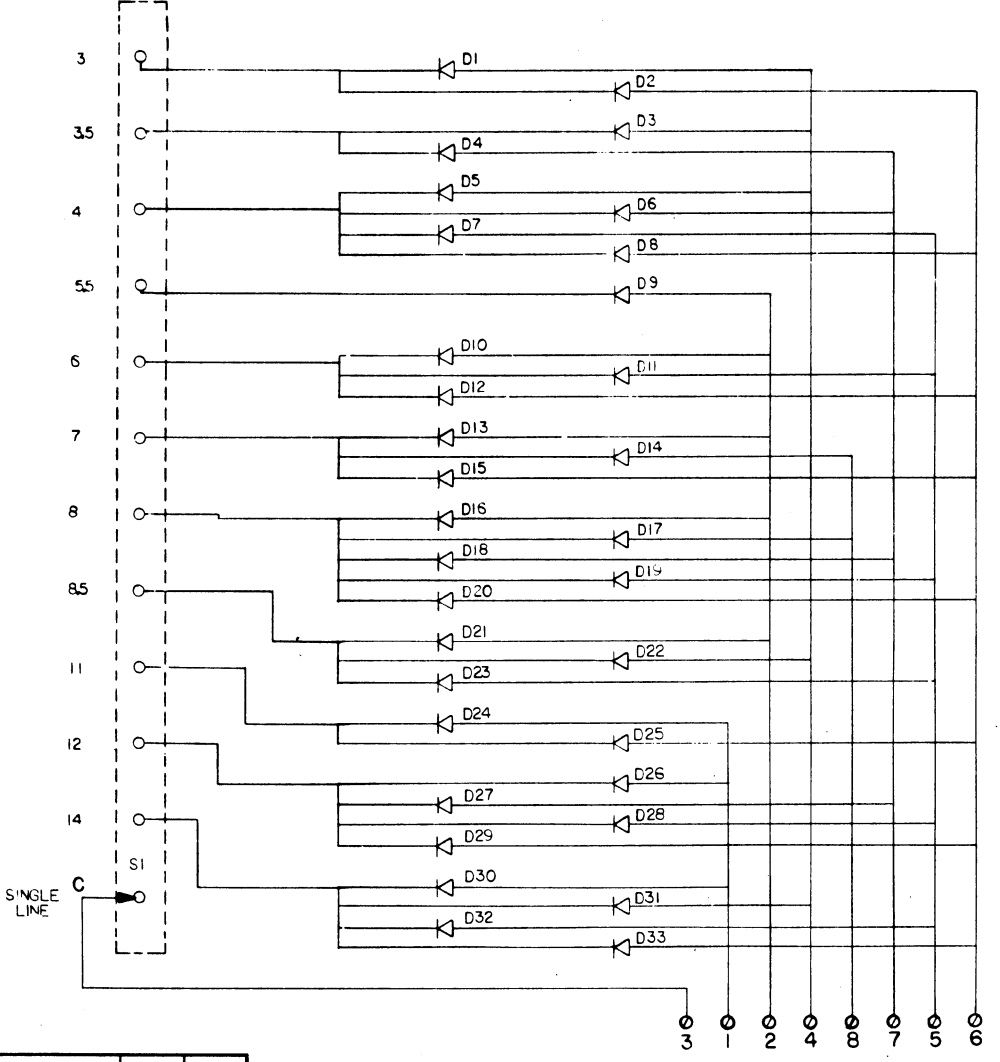
BRUNING 40-107 15948

SIZE CODE DCS 5411049-0-1 REV. E

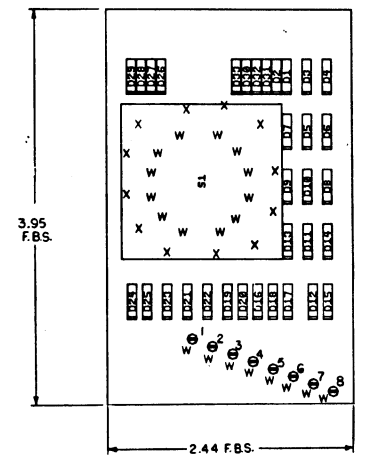
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NOTES:

FORM SWITCH



IC TYPE	GND	+5V
GND AND 5V ARE USUALLY PIN 7 AND 14 RESPECTIVELY EXCEPTIIONS ARE STATED ABOVE		
IC PIN LOCATIONS		



8		SPLIT LUG	9006735-00	7
33	DI-D33	DIODE D664	1100114-00	6
1	S1	SWITCH, SINGLE POLE-12 POSITION	1212443-00	5
1		ETCHED CIRCUIT BOARD	C-MD-501165200	4
REF		MODULE ECO HISTORY	B-VH-5411653-0-6	3
REF		ASSY/DRILLING HOLE LAYOUT	D-AH-5411653-0-5	2
REF		X-Y COORDINATE HOLE LOCATION	K-00-5411653-0-4	1
QTY	REF. DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.

FIRST USED ON OPTION MODEL LA180

ETCH BOARD REV. A

DRN.	DATE	4/2/75
CHK'D.	DATE	4/2/75
APP.	DATE	4/2/75
PROJ. ENG.	DATE	4/2/75
PROD.	DATE	4/2/75

digital

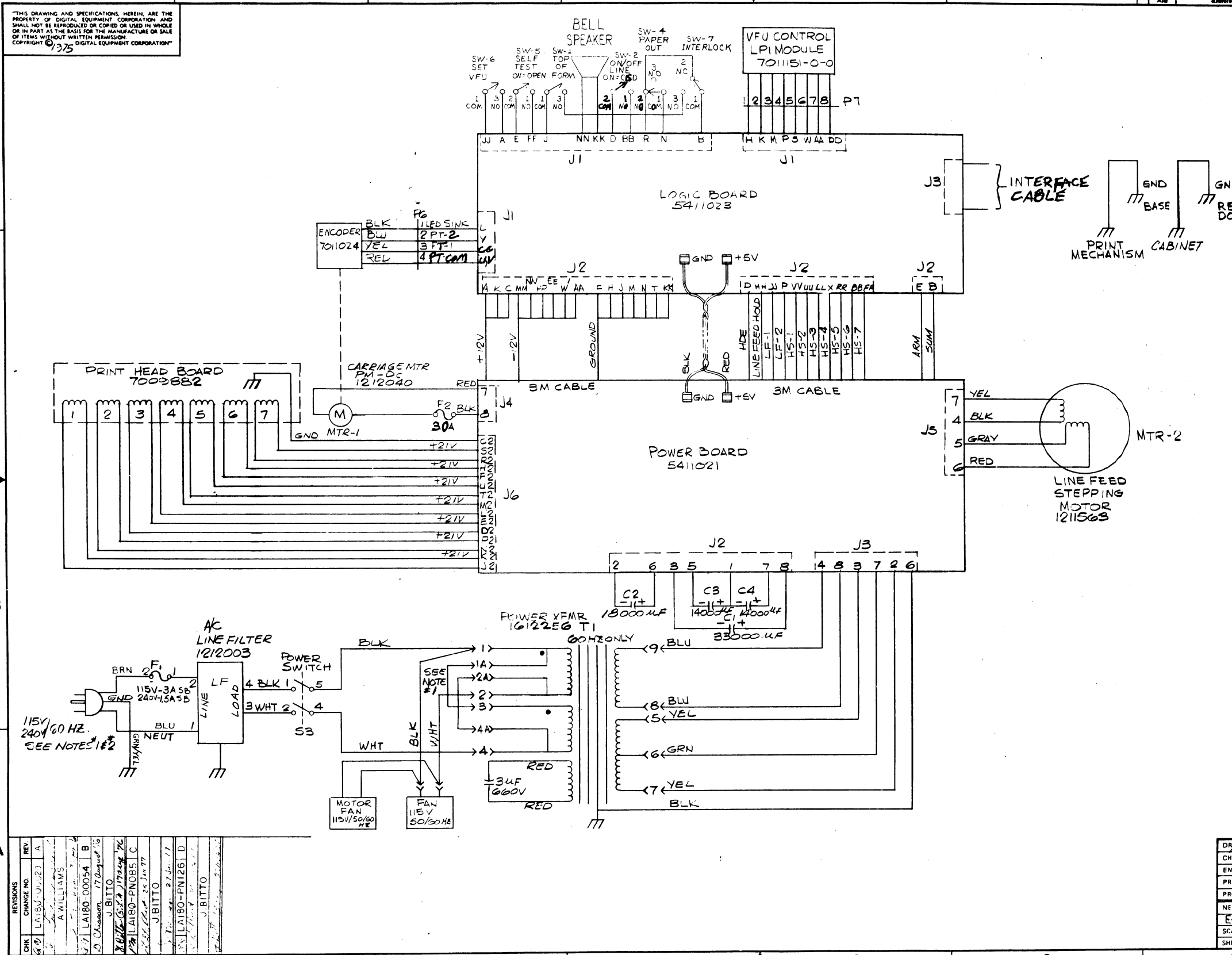
TITLE: 6 LPI FORM CONTROL

SIZE CODE: D CS NUMBER: 5411653-0-1 REV. *

SEMICONDUCTOR CONVERSION CHART

SHEET 1 OF 1

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- NOTES:
1. JUMPERS SHOWN ARE FOR 115V OPERATION. FOR 240V OPERATION REMOVE BOTH JUMPERS ADD ONE JUMPER FROM 2A TO 3
 2. FOR 50 HZ OPERATION TRANSFORMER MUST BE REPLACED BY 50 HZ TRANSFORMER #1612257

REV	CHANGE NO	DESCRIPTION
1	1	LA180-00054
2	2	LA180-00054
3	3	LA180-00054
4	4	LA180-00054
5	5	LA180-00054
6	6	LA180-00054
7	7	LA180-00054
8	8	LA180-00054

DRW: <i>[Signature]</i>	DATE: 4-11-75	FIRST USED ON: LA180	digital
CHK'D: <i>[Signature]</i>	DATE: 4/18/75	TITLE: INTERCONNECTION DRAWING	
ENG: <i>[Signature]</i>	DATE: 4/18/75	SIZE: D	CODE: IC
PROJ ENGR: <i>[Signature]</i>	DATE: 4/18/75	NUMBER: 701151-0-0	REV: D
NEXT HIGHER ASSY:	SCALE: --	SHEET: 1	OF: 1

DIGITAL EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS

PACKAGING INSTRUCTION

TITLE DECwriter

REV I DATE 11/77
II 10/78

3700131-00	DECwriter with keyboard
3700131-01	DECwriter without keyboard

MATERIAL REQUIREMENTS - 3700131-00

Quantity	Purchase Specification No.	Description
1	9905601	Stitched Tube
1	9905601-01	Full Telescope Cap
1	9905639	Foam with Foam (LA36/LA35 only)
1	9905651	Wood Skid
1	9905651-01	Wood Brace
2	90-09290-03	3/8-16 X 3 Hex-Head Bolt
1	36-12520-00	Caution Tag
6 ft	90-09634	Stain Resistant Tape
1	90-07032	Panduit Cable Tie
20 ft	9905734-02	Polypropylene Strapping
2	9008319	Washer, Flat
1	9905129-33	Poly Bag 18 X 24

PACKAGING INSTRUCTIONS - 3700131-00

Procedure

- Lift the cover and slide the print head to the left as far as it will go. Slip the Panduit Cable Tie (90-07032) around the ribbon rollers (A and B). Do not over-tighten. Fasten Caution Tag (36-12520-00) to tractor drive shaft. Close cover. (Fig. 1)
- Place Pad with Foam (9905639) (foam side down) on top of the LA36/LA35 keyboard. Tape with two (2) strips of glass filament tape (90-09634). Tape back door closed, using two (2) strips of glass filament tape (90-09634). (Fig. 1)
- Place DECwriter on top of Skid Deck (9905651). (Fig. 2)
- Place all hardware and software into Poly Bag (9905129-33) and staple to deck of skid.
- Place one strip of CW21 (Custom Wrap) or Microfoam, over each leg of the DECwriter.
- Place Wood Brace (9905651-01) on top of legs as far back as it will go to properly align the bolt holes.
- Place Hex-Head Bolts (9009290-03) and washers (9008319) through the bolt holes in the wood brace into the Tee Nuts in the underside of the skid deck; then tighten down.
- Place the Stitched Tube (9905601) over and around the unit. Assemble Full Telescope Cap (9905601-01) and place on top of Stitched Tube.

NOTE

Make sure that the Stitched Tube is resting on the wood skid base, on all 4 sides.

- Strap in two places as shown in Figure 2.

ENG B.S.P. 4/18/77 APPD J.J. Nielsen 4-27-77 SIZE CODE NUMBER 3700131-00 REV H
DEC 8-1031-1001-1-0071 SHEET 1 OF 10

PACKAGING INSTRUCTION

TITLE DECwriter

MATERIAL REQUIREMENTS - 3700131-01

Quantity	Purchase Specification No.	Description
1	9905601	Stitched Tube
1	9905601-01	Full Telescope Cap
1	9905651	Wood Skid
1	9905651-01	Wood Brace (2 X 3)
2	90-09290-03	3/8-16 X 3 Hex-Head Bolts
2 ft	36-12520-00	Caution Tag
1	90-09634	Stain Resistant Tape (SM)
1	90-07032	Panduit Cable Tie
20 ft	9905734-02	Polypropylene Strapping
2	9008319	Washer, Flat
1	9905129-33	Poly Bag 18 X 24

PACKAGING INSTRUCTIONS - 3700131-01

Procedure

- Lift the cover and slide the print head to the left as far as it will go. Slip the Panduit Cable Tie (90-07032) around the ribbon rollers (A and B). Do not over-tighten. Fasten Caution Tag (36-12520-00) to tractor drive shaft. Close cover.
 - With two (2) strips of glass filament tape (90-09634) tape back door closed.
 - Place DECwriter on top of Skid Deck (9905651).
 - Place all hardware and software into Poly Bag (9905129-33) and staple to deck of skid.
 - Place one strip of CW21 (Custom Wrap) or Microfoam, over each leg of the DECwriter.
 - Place Wood Brace (9905651-01) on top of legs as far back as it will go to properly align the bolt holes.
 - Place Hex-Head Bolts (9009290-03) and washers (9008319) through the bolt holes in the wood brace into the Tee Nuts in the underside of the skid deck; then tighten down.
 - Place the Stitched Tube (9905601) over and around the unit. Assemble Full Telescope Cap (9905601-01) and place on top of Stitched Tube.
- NOTE
Make sure that the Stitched Tube is resting on the wood skid base, on all 4 sides.
- Strap in two places as shown in Figure 2. Use Polypropylene strapping (9905734-02).

ENG B.S.P. 4/18/77 APPD J.J. Nielsen 4-27-77 SIZE CODE NUMBER 3700131-00 REV H
DEC 8-1031-1001-1-0071 SHEET 2 OF 10

PACKAGING INSTRUCTION

TITLE DECwriter

CONTINUATION SHEET

DECwriter

CONTINUATION SHEET

METHODS OF TRUCK SHIPMENTS, TRUCK SIZES AND CONFIGURATIONS FOR DECwriters

This section of the Packaging Instruction lists the approved methods of shipping full truck load and partial truck load quantities of DECwriters, LA35, LA36, LA120, LA180 etc.

The methods outlined below apply to the following types of shipments shown in Table 1.

Table 1

Truck Type	DECwriter Height	Length (in)	Width (in)	Height (in)	Figure and Title
1. Common Carrier and Ocean Container	Two High with Skids	480	92.5	111.5	2.1 Truck Dimension 2.2 Configuration 2.3 Skid
2. Electronics Air Ride Van	Two High	126 + 346 Step	92.5	103.5 + 111.5 Step	3.1 Truck Dimension 3.2 Configuration
3. King Size Air Ride Van	Three High With Plywood	108 + 430 Step	92.5	105 + 122 Step	4.1 Truck Dimension 4.2 Configuration 4.3 Plywood Size
4. Full and Partial Truck Load Temporary Barricades					5.1 Barricades

COMMON CARRIER AND OCEAN CONTAINER

The Common Carrier or the Ocean Container is a leaf spring truck designed for a payload of 40,000 lbs. with inside dimensions as shown on Figure 2.1. The DECwriters weigh about 145 lbs each packaged with 76 machines per truckload for a total weight of about 11,000 lbs. This is not enough weight to allow the springs to act as springs, consequently we have damaged DECwriters on the last 16 machines over the rear axle. The solution to the damage problem is to put cushioning under these last 16 machines to protect them. Figure 2.2 shows the truckload of DECwriters with the cushioning under the last 16 machines. Figure 2.3 shows the cushioned skid.

ELECTRONICS AIR RIDE VAN

The Electronics Van usually has a stepped body with dimensions as shown in Figure 3.1. The Air Ride system is a bag of air which acts in conjunction with the leaf springs and cushions the cargo over a wider weight range. It is far superior in cushioning ability to the hard spring alone. The truck load configuration of DECwriter is shown in Figure 3.2.

KING SIZE AIR RIDE VAN

The King Size Van is an Air Ride Electronics Van of greater height than the normal Air Ride Electronics Van. It can take DECwriters stacked three high separated by a sheet of plywood between the second and third machines. Figure 4.1 shows the truck dimensions. Figure 4.2 shows the DECwriters three high in the truck separated by plywood. Figure 4.3 shows the plywood.

FIGGY-BACK

There is no provision yet for Piggy Back shipments of DECwriters.

ENG B.S.P. 4/18/77 APPD J.J. Nielsen 8-5-77 SIZE CODE NUMBER 3700131-00 REV H

PACKAGING INSTRUCTION

TITLE DECwriter

CONTINUATION SHEET

METHODS OF TRUCK SHIPMENTS, TRUCK SIZES AND CONFIGURATIONS FOR DECwriters (Cont)

PARTIAL LOAD - LESS THAN FULL TRUCK LOAD

Partial Loads in trucks may be held in place and protected from tip over by one of the following barricade methods. Figure 5-1 illustrates these methods in the truck.

1. LOAD LOCKS

Load Locks are rectangular or round bars which ratchet or unscrew like a lally column horizontally and force against the sidewalls of the truck to prevent movement of cargo. They can be used in any type truck.

2. CHANNEL LOCKS

Channel Locks are rectangular cross section bars which fit into slotted rails built into the sidewalls of Electronic Van type trucks. The slotted rails are spaced about every 18 inches.

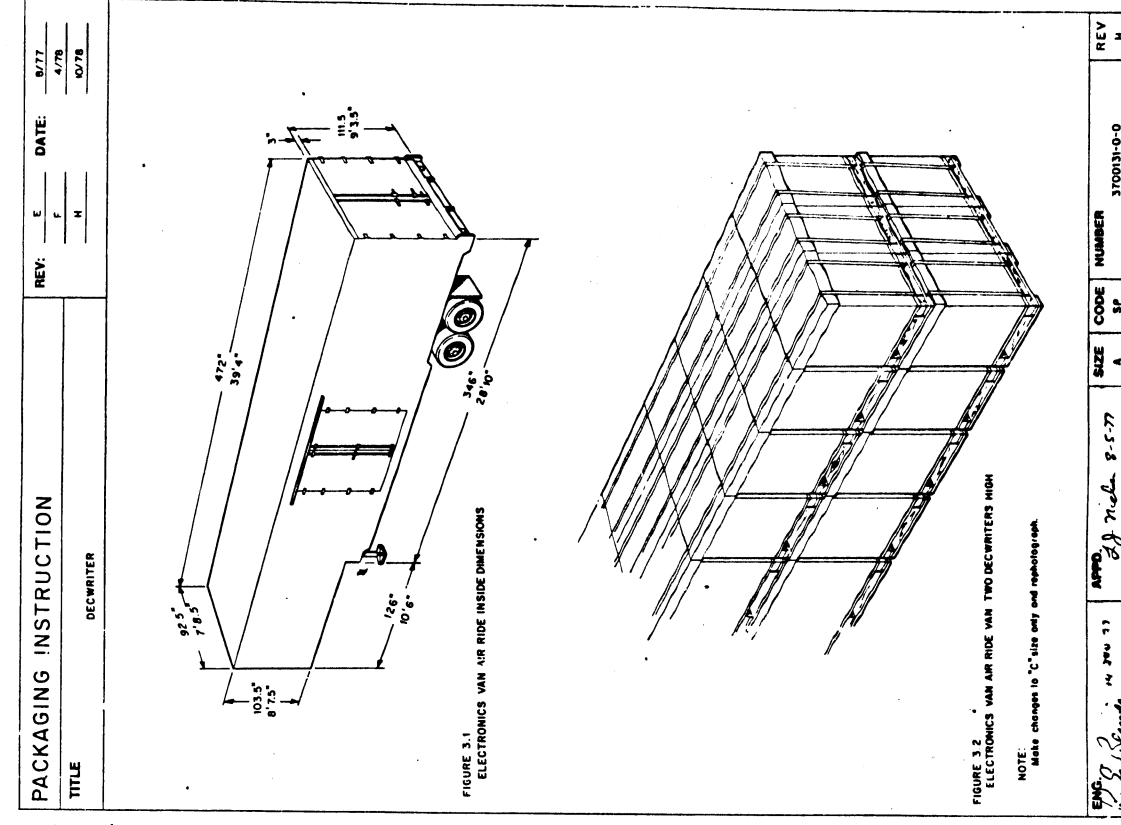
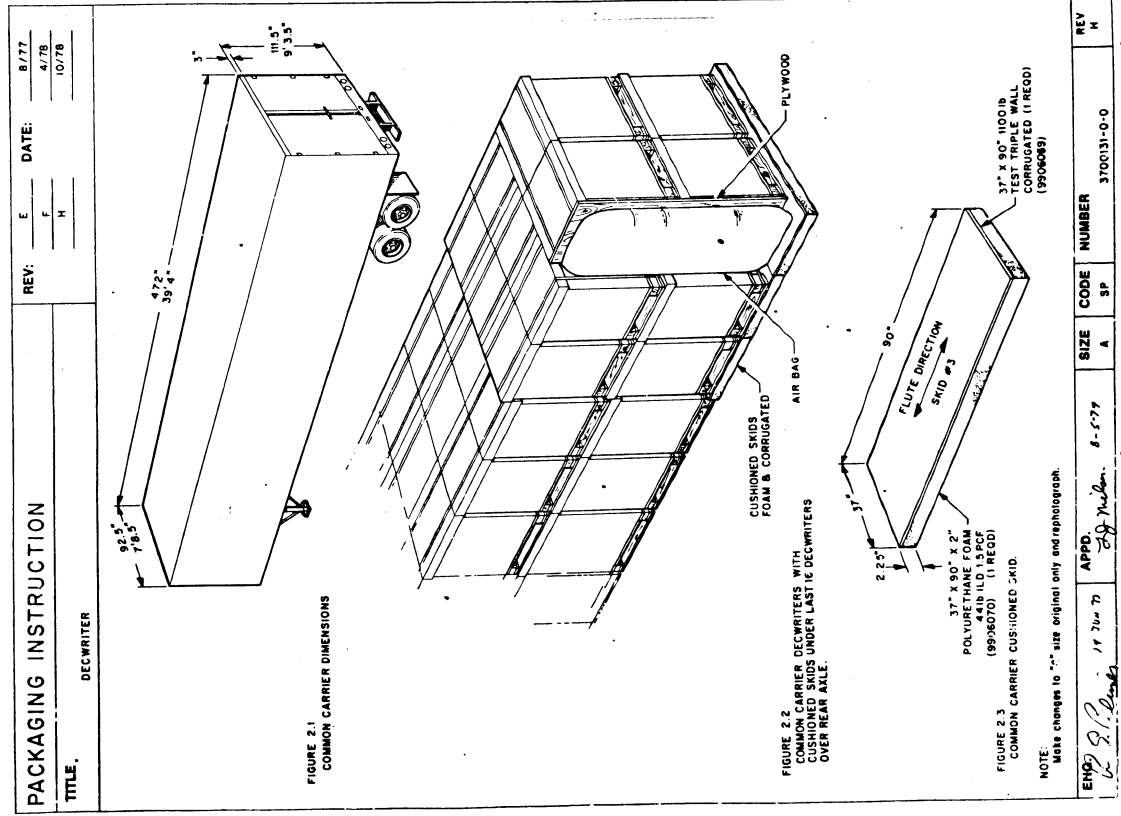
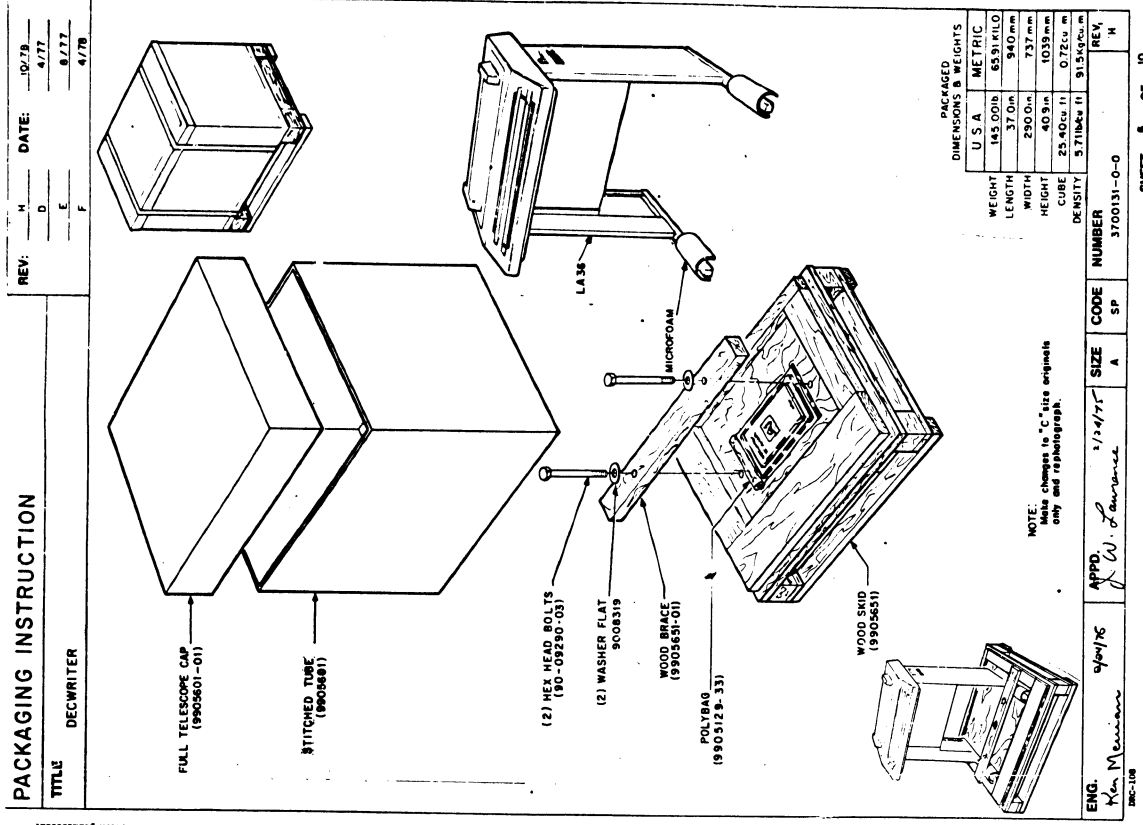
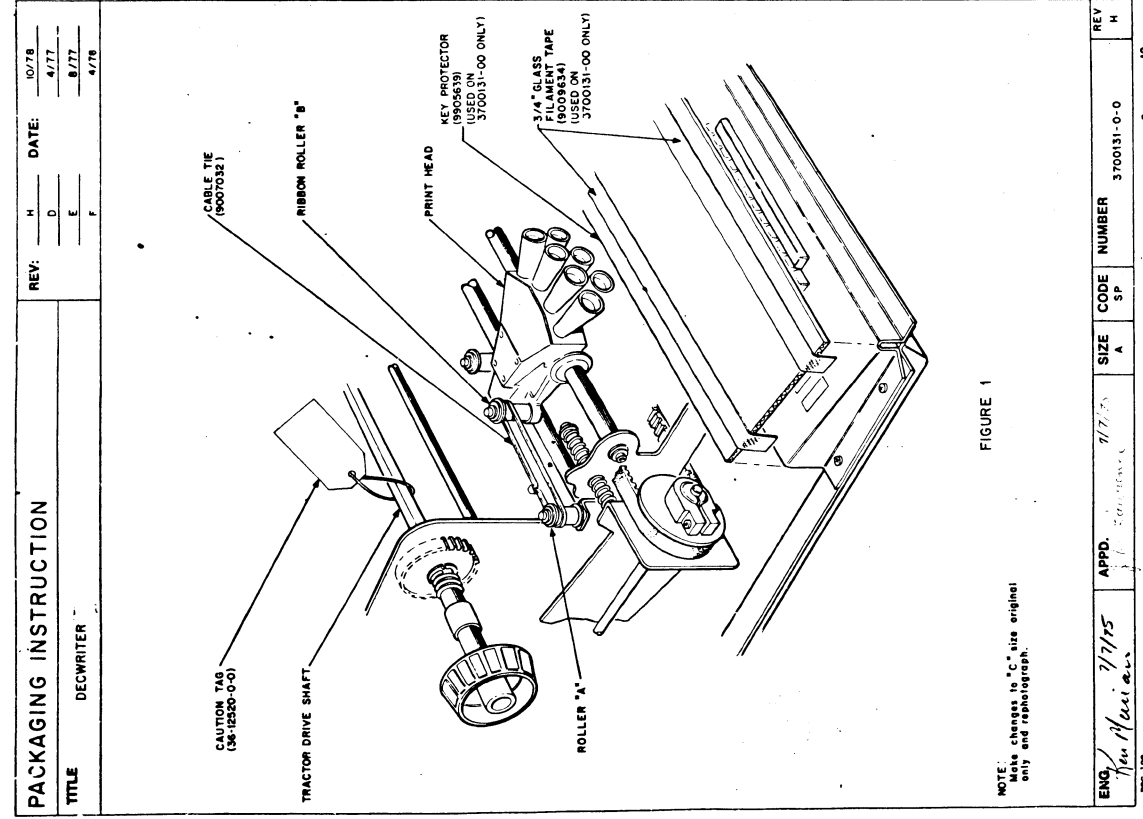
3. STRAPS AND BUCKLES

Straps and Buckles fit into the same slotted rails as the Channel Locks and are tensioned with a buckle. Rails are built into Electronic Vans only.

4. AIR BAG

The Air Bag is an inflatable paper and plastic bag which can only be used between two sections of cargo or between the cargo and the rear door if the space is small enough. The bags will take up a maximum of one foot of space.

ENG B.S.P. 4/18/77 APPD J.J. Nielsen 8-5-77 SIZE CODE NUMBER 3700131-00 REV H



PACKAGING INSTRUCTION		REV: E	DATE: 8/77
TITLE		F	4/78
DECWRITER		H	10/78

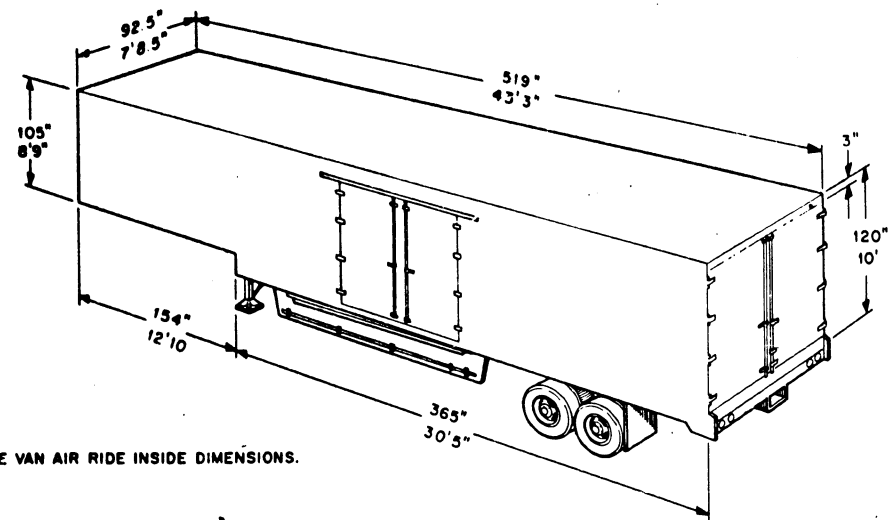


FIGURE 4.1
KING SIZE VAN AIR RIDE INSIDE DIMENSIONS.

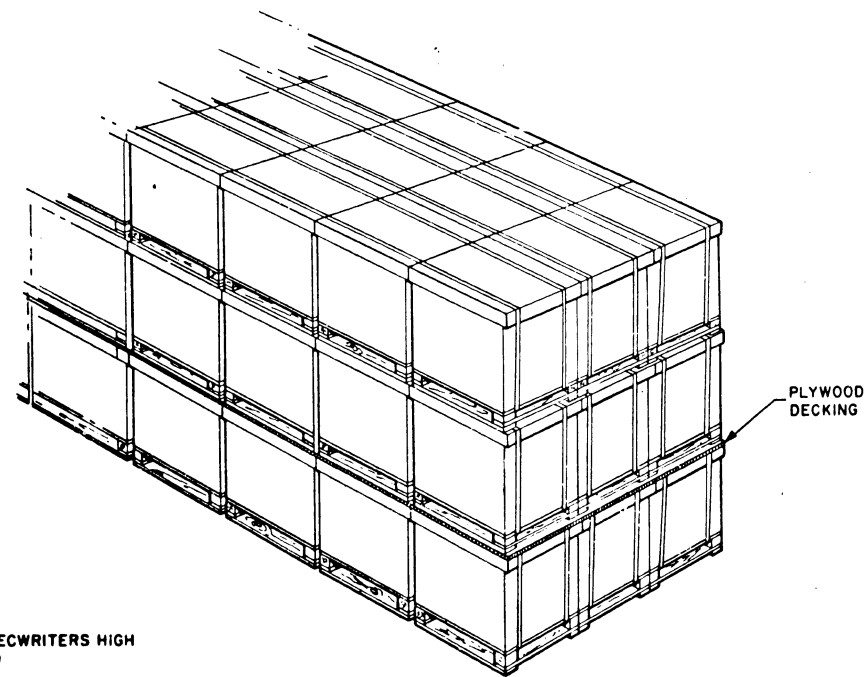


FIGURE 4.2
KING SIZE VAN THREE DECWRITERS HIGH
SEPARATED BY PLYWOOD

NOTE
Make changes to "C" size only and rephotograph.

ENG. <i>R. S. Palmer</i>	14 JUN 77	APPD. <i>L. J. Nelson</i>	8-5-77	SIZE A	CODE SP	NUMBER 3700131-0-0	REV H
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PACKAGING INSTRUCTION		REV: E	DATE: 8/77
TITLE		F	4/78
DECWRITER		H	10/78

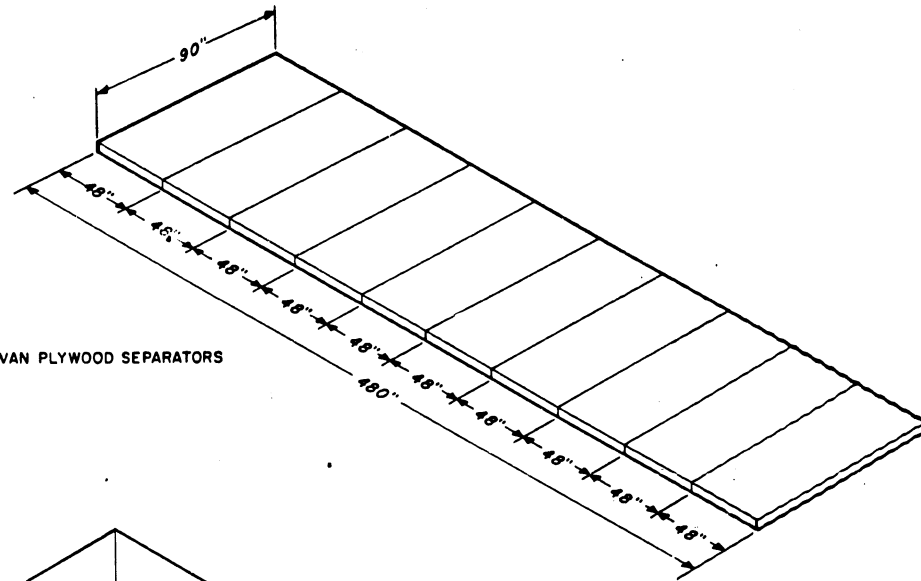


FIGURE 4.3
KING SIZE VAN PLYWOOD SEPARATORS

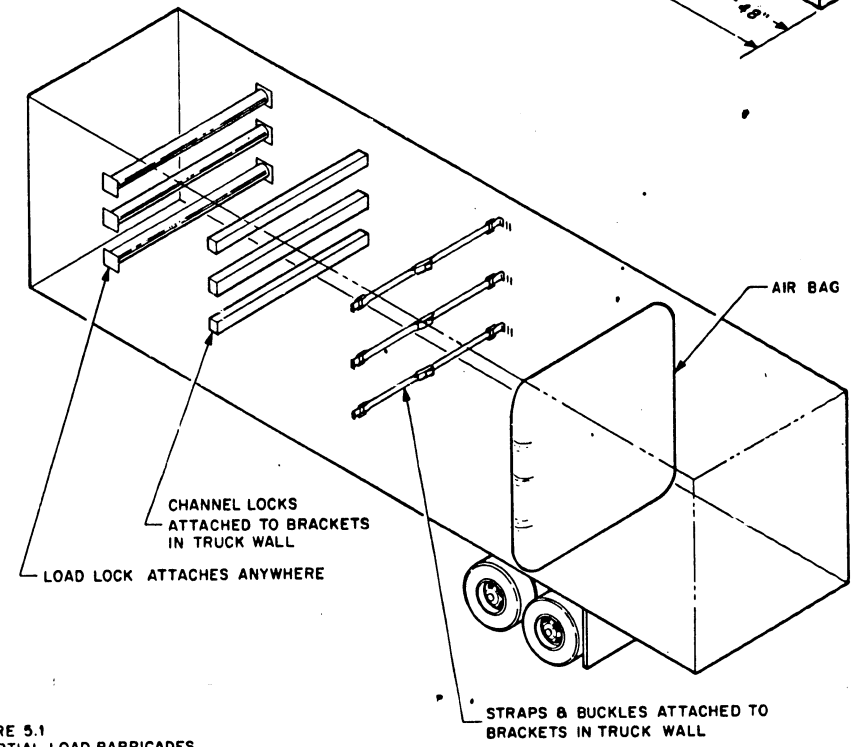


FIGURE 5.1
PARTIAL LOAD BARRICADES

NOTE
Make changes to "C" size original only and rephotograph.

ENG. <i>R. S. Palmer</i>	14 JUN 77	APPD. <i>L. J. Nelson</i>	8-5-77	SIZE A	CODE SP	NUMBER 3700131-0-0	REV H
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CUSTOMER PRINT SET INDEX

THIS IS PRINT SET

SEQUENCE

SEQUENCE

Drawing Directory
Option arrangement
Wheel assembly

B-DD-LAXX-KB
D-AR-LA36-0-1
C-AD-7009751-0

UNIT VARIATIONS

VAR	TITLE	PRINT SET		
LAXX-KB	Caster set	1		

REVISIONS	DATE	CHG. NO.	REV	USED ON OPTION/MODEL	DRW	DATE	TITLE	SIZE	CODE	NUMBER	REV
					CHK'D.	DATE					
				LA36	<i>[Signature]</i>	26 Feb 76	CASTER SET	B	DD	LAXX-KB	
				LA35	<i>[Signature]</i>	26 Feb 76					
				LA180	<i>[Signature]</i>	26 Feb 76					
					<i>[Signature]</i>	3/8/76					
					PROD.	8/MAR 76					
					FIELD SERV.	8/MAR 76					
				SHEET 1 OF 2	<i>[Signature]</i>	8/MAR 76	DIST				

CUSTOMER PRINT SET					MECHANICAL					CUSTOMER PRINT SET														
MFG. SET					MFG. SET					MFG. SET														
FIND NO.					FIND NO.					FIND NO.														
DRAWING NO.					DRAWING NO.					DRAWING NO.														
REV					REV					REV														
NO OF SHT					NO OF SHT					NO OF SHT														
DESCRIPTION					DESCRIPTION					DESCRIPTION														
OPTION NO./FILE DATE					OPTION NO./FILE DATE					OPTION NO./FILE DATE														
X					B-DD-LAXX-KB	#	2			Drawing directory														
X					D-AR-LA36-0-1	#	1			Option arrangement														
X					C-AD-7009751-0	#	1			Wheel assembly														
CUSTOMER PRINT SET CODES					X = PRINT OF DOCUMENT INCLUDED IN PRINT SET C = INCLUDES ALL PRINTS INDICATED ON DOCUMENT S = CONFIDENTIAL AUTHORIZED SIGNATURE REQUIRED					TITLE					SHEET 2 OF 2 SIZE CODE NUMBER REV B DD LAXX-KB									

CUSTOMER PRINT SET					CUSTOMER PRINT SET								
MFG SET	FIND NO.	DRAWING NO.	REV	NO OF SHT	DESCRIPTION	OPTION NO / FILE DATE	MFG SET	FIND NO.	DRAWING NO.	REV	NO OF SHT	DESCRIPTION	OPTION NO / FILE DATE
X		B-DD-LAXX-NC		2	Drawing Directory								
X		E-AR-7417549		1	LAXX Installation Procedures								
X		D-IA-7415001-0-0		1	Paper Catcher Assembly								
X		D-MD-7415002-0-0		1	Hanger, Paper Catcher								
X		C-MD-7418846		1	Clip, Ground								

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CUSTOMER PRINT SET INDEX

SEQUENCE

SEQUENCE

THIS IS PRINT SET

Drawing Directory

B-DD-LAXX-NC

LAXX Installation Procedures
Paper Catcher Assembly
Hanger, Paper Catcher
Clip, Ground

E-AR-7417549-0-0
D-IA-7415001-0-0
D-MD-7415002-0-0
C-MD-7418846

UNIT VARIATIONS

VAR	TITLE	PRINT SET			
		1	2	3	4
LAXX-NC	Paper Catcher Option				

REVISIONS DATE CHG. NO. REV — LAXX-PN066 — ORIGINATED	USED ON OPTION/MODEL	DRN.	DATE	TITLE Paper Catcher Option	SIZE	CODE	NUMBER	REV
	LA36	E.S. 2011	23 June 77					
	LA35	CHK'D.	DATE		B	DD	LAXX-NC	—
	LA180	B.F. Donohue	23 June 77					
	LS120	PROJ ENG.	DATE					
		B.F. Donohue	23 June 77	DIST				
	PROD.	DATE						
	FIELD SERV.	DATE						
	SHEET 1 OF 2							

DEC 16 1977 10:02:1A R972

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UNIT VARIATIONS

VAR	TITLE
LAXX-NW	SERIAL INTERFACE, 256 CHAR EIA
LAXX-NX	SERIAL INTERFACE, 256 CHAR 20MA

LAXX-NW-3 B

Handwritten area for drawing details, mostly illegible due to bleed-through and light scanning.

USED ON OPTION/MODEL		DRN.	DATE	TITLE		REV
LAXX-NW		<i>R Counter</i>	<i>9 Aug 76</i>	digital		
		CHK'D.	DATE	LAXX-NW SERIAL INTERFACE		
		<i>[Signature]</i>	<i>10 AUG 76</i>	SIZE	CODE	NUMBER
		PROJ. ENG.	DATE	B	DD	LAXX-NW
		<i>[Signature]</i>	<i>9/11/76</i>			
		PROD.	DATE			
		<i>[Signature]</i>	<i>10/7/76</i>			
SHEET 1 OF 2				DIST.		

FIND NO.	DRAWING NO.	DESCRIPTION	TYPE	FIND NO.	DRAWING NO.	DESCRIPTION	TYPE
1	MP00248	FIELD MAINTENANCE PRINT SET (MP)	-				
	B-TC-LAXX-NW-1	FIELD MAINTENANCE PRINT SET (TC)	-				
	A-PL-LAXX-NW-0	LAXX-NW SERIAL INTERFACE	E/M				
	B-PL-LAXX-NX-0	LAXX-NX SERIAL INTERFACE	E/M				
	A-PL-LAXX-NW-SH	LAXX-NW SHIPPING LIST	E				
	B-UA-BC05M-0-0	BC05M CABLE ASSY	E				
	C-IA-BC08S-0-0	I/O CABLE ASSY	E				
	C-UA-BC05F-0-0	CABLE INTERFACE BC05F	E				
	D-IA-7013701-0-0	CABLE ASSY.	E				
	B-DD-LAXX-NW-TA	LA180 TESTER	E/M				
2	B-DD-5412166-0	LA180 BUFFERED SER INTERFACE (D.D.)	E				
	D-UA-5412166-0-0	LA180 BUFFERED SER INTERFACE	E				
	D-UA-5412166-YA-0	LA180 BUFFERED SER INTERFACE	E				
	A-PL-5412166-0-0	LA180 BUFFERED SER INTERFACE (P.L.)	E				
	D-CS-5412166-0-1	LA180 BUFFERED SER INTERFACE	E				

TYPE: E ELECTRICAL
M MECHANICAL
E/M ELECTRO/MECHANICAL

digital