

## 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		
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)	x		

EM-01062-1A-16-R972-1323

DATE	CHG. NO.	REV
2-76	LA180-22	B
6-76	LA180-43	C
8-76	LA180-68	D
12-76	LA180-PN08	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. A. TAYLOR	DATE 11/2 74	TITLE DECPRINTER DRAWING				
		CHK'D. A. TAYLOR	DATE 6/18/75	DIRECTORY				
		PROJ ENG. B. STELTZER	DATE 6/17/75	SIZE B	CODE DD	NUMBER LA180-0	REV L	
		PROD. R. JODOIN	DATE 6/18/75	DIST				
		FIELD SERV. T. MONGELLO	DATE 6/23/75					
SHEET 1 OF 7								

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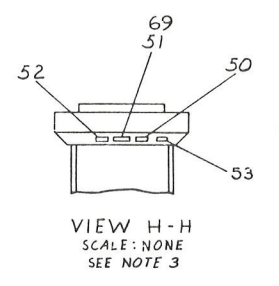
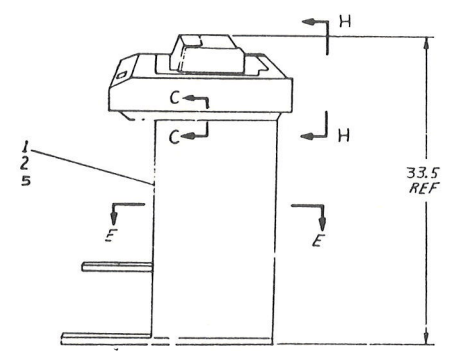
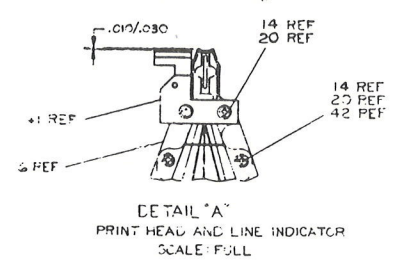
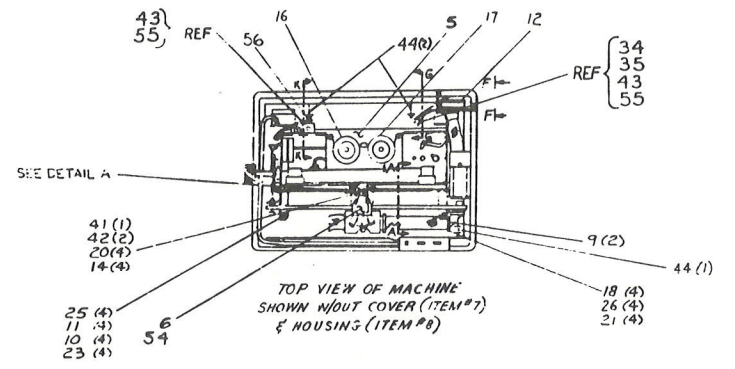
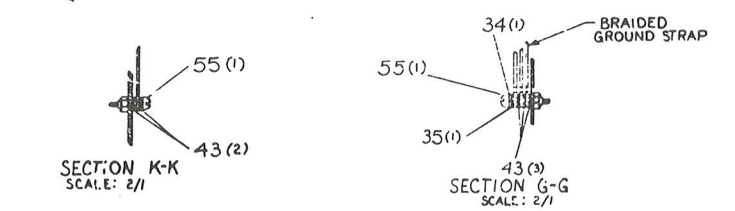
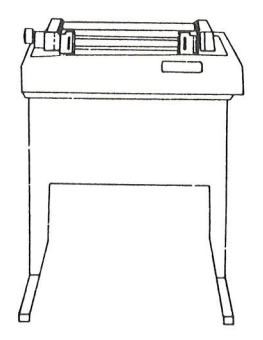
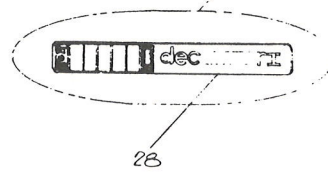
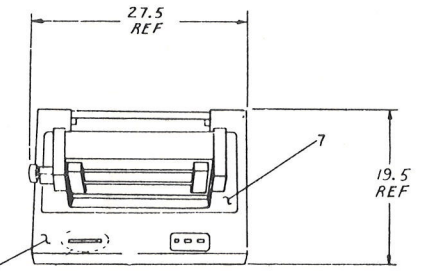
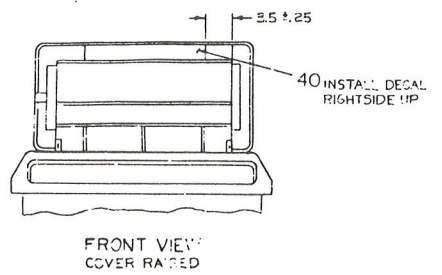
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THIS DRAWING AND SPECIFICATIONS SHALL BE THE PROPERTY OF THE GENERAL ELECTRIC COMPANY AND SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART, OR IN ANY MANNER, WITHOUT THE WRITTEN PERMISSION OF THE GENERAL ELECTRIC COMPANY.



- NOTES:
- FOR PARTS LIST SEE DRAWING # A PL-LA 180-20
  - ITEMS \*32 (PLATE, INPUT CLAMP), \*33 (2 SCREWS), \*34 (2 LOCKWASHERS), \*35 (2 PLAT-WASHERS) AND \*36 (STRAINRELIEF) ARE TO BE SHIPPED LOOSE WITH UNIT.
  - UL AND CSA LABELS TO BE APPLIED ONLY WHEN UNIT HAS MET ALL UL AND CSA REQUIREMENTS.
  - ITEM 61 FOR USE WITH REV C OR LATER OF ITEM #8 OR 49.
  - ASSEMBLE ITEMS 36, 52, 62 (63 WITH 65 & 67 & 68 ON DOOR WITH 2 MOUNTING BOSSES) WITH MODULE (ITEM 43 OR 49) BEFORE INSTALLING MODULE IN DOOR.
  - SEE D-CS-5411023-0-0 FOR JUMPER CONFIGURATIONS.
  - IF CABLE 7G13701 (ITEM 62) NOT AVAILABLE, USE BCG5C-9. ITEM 60 MATES WITH ITEM 59 OUTSIDE CABINET.
  - ITEM 51, MODEL INFORMATION TAG, IS TO BE PURCHASED AND APPLIED WITH PRE-PRINTED INFORMATION AS FOLLOWS.

MODEL	VOLTS	AMPS	HZ	PH	WIRES
ZZZZZ-ZZ	YYY	WX	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

REV	DATE	DESCRIPTION
1	11/15/77	ISSUED FOR PRODUCTION
2	12/15/77	REVISED TO ADD PART 40
3	1/15/78	REVISED TO ADD PART 41
4	2/15/78	REVISED TO ADD PART 42
5	3/15/78	REVISED TO ADD PART 43
6	4/15/78	REVISED TO ADD PART 44
7	5/15/78	REVISED TO ADD PART 45
8	6/15/78	REVISED TO ADD PART 46
9	7/15/78	REVISED TO ADD PART 47
10	8/15/78	REVISED TO ADD PART 48
11	9/15/78	REVISED TO ADD PART 49
12	10/15/78	REVISED TO ADD PART 50
13	11/15/78	REVISED TO ADD PART 51
14	12/15/78	REVISED TO ADD PART 52
15	1/15/79	REVISED TO ADD PART 53
16	2/15/79	REVISED TO ADD PART 54
17	3/15/79	REVISED TO ADD PART 55
18	4/15/79	REVISED TO ADD PART 56
19	5/15/79	REVISED TO ADD PART 57
20	6/15/79	REVISED TO ADD PART 58
21	7/15/79	REVISED TO ADD PART 59
22	8/15/79	REVISED TO ADD PART 60
23	9/15/79	REVISED TO ADD PART 61
24	10/15/79	REVISED TO ADD PART 62
25	11/15/79	REVISED TO ADD PART 63
26	12/15/79	REVISED TO ADD PART 64
27	1/15/80	REVISED TO ADD PART 65
28	2/15/80	REVISED TO ADD PART 66
29	3/15/80	REVISED TO ADD PART 67
30	4/15/80	REVISED TO ADD PART 68
31	5/15/80	REVISED TO ADD PART 69
32	6/15/80	REVISED TO ADD PART 70
33	7/15/80	REVISED TO ADD PART 71
34	8/15/80	REVISED TO ADD PART 72
35	9/15/80	REVISED TO ADD PART 73
36	10/15/80	REVISED TO ADD PART 74
37	11/15/80	REVISED TO ADD PART 75
38	12/15/80	REVISED TO ADD PART 76
39	1/15/81	REVISED TO ADD PART 77
40	2/15/81	REVISED TO ADD PART 78
41	3/15/81	REVISED TO ADD PART 79
42	4/15/81	REVISED TO ADD PART 80
43	5/15/81	REVISED TO ADD PART 81
44	6/15/81	REVISED TO ADD PART 82
45	7/15/81	REVISED TO ADD PART 83
46	8/15/81	REVISED TO ADD PART 84
47	9/15/81	REVISED TO ADD PART 85
48	10/15/81	REVISED TO ADD PART 86
49	11/15/81	REVISED TO ADD PART 87
50	12/15/81	REVISED TO ADD PART 88
51	1/15/82	REVISED TO ADD PART 89
52	2/15/82	REVISED TO ADD PART 90
53	3/15/82	REVISED TO ADD PART 91
54	4/15/82	REVISED TO ADD PART 92
55	5/15/82	REVISED TO ADD PART 93
56	6/15/82	REVISED TO ADD PART 94
57	7/15/82	REVISED TO ADD PART 95
58	8/15/82	REVISED TO ADD PART 96
59	9/15/82	REVISED TO ADD PART 97
60	10/15/82	REVISED TO ADD PART 98
61	11/15/82	REVISED TO ADD PART 99
62	12/15/82	REVISED TO ADD PART 100

FIRST USED ON OR "ON" MODEL	QTY.	DESCRIPTION	PART NO.
LA 180			
DIMENSIONAL TOLERANCE			
DIMENSIONS ARE UNLESS OTHERWISE SPECIFIED			
UNLESS OTHERWISE SPECIFIED	INCHES	ANGLES	
±.010	±.005	±.010	
±.020	±.010	±.020	
±.030	±.015	±.030	
±.040	±.020	±.040	
±.050	±.025	±.050	
±.060	±.030	±.060	
±.070	±.035	±.070	
±.080	±.040	±.080	
±.090	±.045	±.090	
±.100	±.050	±.100	
±.120	±.060	±.120	
±.150	±.075	±.150	
±.200	±.100	±.200	
±.250	±.125	±.250	
±.300	±.150	±.300	
±.400	±.200	±.400	
±.500	±.250	±.500	
±.600	±.300	±.600	
±.700	±.350	±.700	
±.800	±.400	±.800	
±.900	±.450	±.900	
±1.000	±.500	±1.000	
±1.200	±.600	±1.200	
±1.500	±.750	±1.500	
±2.000	±1.000	±2.000	
±2.500	±1.250	±2.500	
±3.000	±1.500	±3.000	
±4.000	±2.000	±4.000	
±5.000	±2.500	±5.000	
±6.000	±3.000	±6.000	
±8.000	±4.000	±8.000	
±10.000	±5.000	±10.000	
±12.000	±6.000	±12.000	
±15.000	±7.500	±15.000	
±20.000	±10.000	±20.000	
±25.000	±12.500	±25.000	
±30.000	±15.000	±30.000	
±40.000	±20.000	±40.000	
±50.000	±25.000	±50.000	
±60.000	±30.000	±60.000	
±75.000	±37.500	±75.000	
±100.000	±50.000	±100.000	
±125.000	±62.500	±125.000	
±150.000	±75.000	±150.000	
±200.000	±100.000	±200.000	
±250.000	±125.000	±250.000	
±300.000	±150.000	±300.000	
±400.000	±200.000	±400.000	
±500.000	±250.000	±500.000	
±600.000	±300.000	±600.000	
±750.000	±375.000	±750.000	
±1000.000	±500.000	±1000.000	
±1250.000	±625.000	±1250.000	
±1500.000	±750.000	±1500.000	
±2000.000	±1000.000	±2000.000	
±2500.000	±1250.000	±2500.000	
±3000.000	±1500.000	±3000.000	
±4000.000	±2000.000	±4000.000	
±5000.000	±2500.000	±5000.000	
±6000.000	±3000.000	±6000.000	
±8000.000	±4000.000	±8000.000	
±10000.000	±5000.000	±10000.000	
±12500.000	±6250.000	±12500.000	
±15000.000	±7500.000	±15000.000	
±20000.000	±10000.000	±20000.000	
±25000.000	±12500.000	±25000.000	
±30000.000	±15000.000	±30000.000	
±40000.000	±20000.000	±40000.000	
±50000.000	±25000.000	±50000.000	
±60000.000	±30000.000	±60000.000	
±80000.000	±40000.000	±80000.000	
±100000.000	±50000.000	±100000.000	
±125000.000	±62500.000	±125000.000	
±150000.000	±75000.000	±150000.000	
±200000.000	±100000.000	±200000.000	
±250000.000	±125000.000	±250000.000	
±300000.000	±150000.000	±300000.000	
±400000.000	±200000.000	±400000.000	
±500000.000	±250000.000	±500000.000	
±600000.000	±300000.000	±600000.000	
±800000.000	±400000.000	±800000.000	
±1000000.000	±500000.000	±1000000.000	
±1250000.000	±625000.000	±1250000.000	
±1500000.000	±750000.000	±1500000.000	
±2000000.000	±1000000.000	±2000000.000	
±2500000.000	±1250000.000	±2500000.000	
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±6000000.000	±3000000.000	±6000000.000	
±8000000.000	±4000000.000	±8000000.000	
±10000000.000	±5000000.000	±10000000.000	
±12500000.000	±6250000.000	±12500000.000	
±15000000.000	±7500000.000	±15000000.000	
±20000000.000	±10000000.000	±20000000.000	
±25000000.000	±12500000.000	±25000000.000	
±30000000.000	±15000000.000	±30000000.000	
±40000000.000	±20000000.000	±40000000.000	
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±300000000.000	±150000000.000	±300000000.000	
±400000000.000	±200000000.000	±400000000.000	
±500000000.000	±250000000.000	±500000000.000	
±600000000.000	±300000000.000	±600000000.000	
±800000000.000	±400000000.000	±800000000.000	
±1000000000.000	±500000000.000	±1000000000.000	
±1250000000.000	±625000000.000	±1250000000.000	
±1500000000.000	±750000000.000	±1500000000.000	
±2000000000.000	±1000000000.000	±2000000000.000	
±2500000000.000	±1250000000.000	±2500000000.000	
±3000000000.000	±1500000000.000	±3000000000.000	
±4000000000.000	±2000000000.000	±4000000000.000	
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±8000000000.000	±4000000000.000	±8000000000.000	
±10000000000.000	±5000000000.000	±10000000000.000	
±12500000000.000	±6250000000.000	±12500000000.000	
±15000000000.000	±7500000000.000	±15000000000.000	
±20000000000.000	±10000000000.000	±20000000000.000	
±25000000000.000			









**DIGITAL EQUIPMENT CORPORATION**  
MAYNARD, MASSACHUSETTS  
**PARTS LIST**

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

QUANTITY / VARIATION

ITEM NO.	DWG NO. / PART NO.	DESCRIPTION	LAI80-PA	LAI80-PB	LAI80-PC	LAI80-PD	LAI80-CA	LAI80-CB	LAI80-CC	LAI80-CU	LAI80-EA	LAI80-EB	LAI80-EC	LAI80-ED
1	E-AD-7010094-1-0	CABINET ASSY W/POWER SUPPLY(115V) 6ØHZ	1	-	-	-	-	-	-	-	-	-	-	-
2	E-AD-7010094-2-0	CABINET ASSY W/POWER SUPPLY(23ØV) 6ØHZ	-	1	-	-	-	-	-	-	-	-	-	-
3	E-AD-7010094-3-0	CABINET ASSY W/POWER SUPPLY(115V) 5ØHZ	-	-	1	-	-	-	-	-	-	-	-	-
4	E-AD-7010094-4-0	CABINET ASSY W/POWER SUPPLY(23ØV) 5ØHZ	-	-	-	1	-	-	-	-	-	-	-	-
5	E-AD-7010091-0-0	PRINTER MECHANISM ASSY	1	1	1	1	1	1	1	1	1	1	1	1
6	D-AD-7009882-0-0	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	<del>9007649-00</del>	<del>WASHER, EXT TOOTH LOCK, #6</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>1</del>								
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	<del>9006022-1</del>	<del>SCREW, PHL, PAN HD, #6-32 x .38L</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>1</del>								
20	9007793-1	SCREW, PHL, PAN HD, #6-32 x .56L	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	9009630-01	SCREW, PHL, PAN HD, #6-18 x .50, SELF TH	11	11	11	11	11	11	11	11	11	11	11	11

TITLE <b>LAI80 UNIT ASSY</b>	ASSY NO. <b>E-UA-LAI80-Ø-Ø</b>	SIZE CODE <b>A PL</b>	NUMBER <b>LAI80-Ø-Ø</b>	REV. <b>S</b>	ECO NO. <b>LAI80-Ø-Ø PN 113</b>
SHEET <b>1</b> OF <b>4</b>		DIST.			



**DIGITAL EQUIPMENT CORPORATION**  
MAYNARD, MASSACHUSETTS  
**PARTS LIST**

MADE BY DICK VENO	CHECKED <i>Ray</i> 6-17-75	SECTION 1
DATE 3/25/74	DATE	ISSUED SECT. 1
ENG <i>John</i>	PROD R. L. Godwin	
DATE 6-17-75	DATE 6/17/75	

**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-ER	LA180-EC	LA180-ED
23	9006664-00	WASHER, FLAT, #10	7	7	7	7	7	7	7	7	7	7	7	7
<del>24</del>	<del>9007801-00</del>	<del>WASHER, SPLIT LOCK, #6</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>1</del>								
25	9008955-1	SCREW, PHL PAN HD, #10-32 x .96L	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	15	15	15	15	15	15	15	15	15	15	15	15
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
<del>30</del>	<del>D-CS-5411023-YA-1</del>	<del>LOGIC BOARD LA180 C/C</del>												
<del>31</del>	<del>D-IA-7011469-0-0</del>	<del>C/C INTERFACE CABLE ASSY</del>												
32	C-MD-7413216-0-0	PLATE, INPUT CLAMP	1	1	1	1	1	1	1	1	1	1	1	1
33	9006037-1	SCR PHL PAN HD 8-32 x .38	8	8	8	8	8	8	8	8	8	8	8	8
34	9006690-00	WASHER SPLIT LOCK #8	3	3	3	3	3	3	3	3	3	3	3	3
35	9006660-00	WASHER FLAT #8	4	4	4	4	4	4	4	4	4	4	4	4
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
<del>38</del>	<del>9008208-1</del>	<del>SCR PAN HD NYLON 8-32 x .50</del>	<del>6</del>	<del>6</del>	<del>6</del>	<del>6</del>	<del>6</del>	<del>6</del>	<del>6</del>	<del>6</del>	<del>6</del>	<del>6</del>	<del>6</del>	<del>6</del>
<del>39</del>	<del>9006708</del>	<del>WASHER NYLON 37 00 x 19.10 x 0.32 THK</del>	<del>12</del>	<del>12</del>	<del>12</del>	<del>12</del>	<del>12</del>	<del>12</del>	<del>12</del>	<del>12</del>	<del>12</del>	<del>12</del>	<del>12</del>	<del>12</del>
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 A	CODE PL	NUMBER LA180-0-0	REV. S	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 6-13-75	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
<del>45</del>	<del>A-DC-7416197-0-1</del>	<del>SERIAL NUMBER DECAL LA180</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>1</del>
<del>46</del>	<del>7413231-0-0</del>	<del>UNDERWRITERS LABEL 115V</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>1</del>
<del>47</del>	<del>7413231-1-0</del>	<del>UNDERWRITERS LABEL 230V</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>1</del>
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	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	9006024-01	SCREW, PHL. PAN HD. 6-32 X .50	-	-	-	-	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. S	ECO NO.
	SHEET 3 OF 4	DIST.				











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5411023-02  
5411023-01  
5411023-00

PARTS LIST				
VARIATION	QTY	REF DESIGNATION	DESCRIPTION	PART NO.
			X-Y COORDINATE HOLE LOCATION	K-CO-5411023-0-4
			ASSY/DRILLING HOLE LAYOUT	E-M-5411023-0-5
			MODULE ECO HISTORY	B-MH-5411023-0-6
			ETCHED CIRCUIT BOARD	5011022-00
	4	C79, C80, C81, C100	CAP, 39pF 100V 5%	1000010-00
	1	C85	CAP, .68uF 50V 10%	1010031-06
	2	C82, C83	CAP, .047uF 100V 10%	1000051-00
	6	C92, C94, 97, C99	CAP, 25uF 25V 10%	1000075-00
	57	C1-C51, C71-C76	CAP, .01uF 50V	1001610-00
	1	C84	CAP, .1uF 100V 10%	1002342-00
	2	C77, C78	CAP, .005uF 100V 20%	1001765-00
	6	C86-C91	CAP, 50uF 25V 10%	1001796-00
	2	D1, D35	DIODE D664	1100114-00
	2	D33, D34	DIODE INT48A 3.9V 5%	1100122-00
	<del>2</del>	<del>D3, D4</del>	<del>DIODE 1N5112</del>	<del>1100122-00</del>
	1	D5	DIODE D662	1100113-00
	3	J1, J2, J3	CONN 40 PIN	1209941-02
	3	E1, E7, E71	SOCKET I.C. 24 PIN	1210693-00
	1	R86	RES 5.1u 1/4 W 5%	1309422-00
	15	R30-R39, R12, R29, R95, R96, R114	RES 150 1/4 W 5%	1300250-00
	3	R78, R80, R82	RES 100 1/4 W 5%	1300229-00
	1	R57	RES 820 1/4 W 5%	1301775-00
	3	R53, R70, R71	RES 180 1/4 W 5%	1301322-00
	1	R83	RES 560 1/4 W 5%	1301890-00
	15	R40-R50, R93, R97, R110, R115	RES 330 1/4 W 5%	1300295-00
	2	R84, R85	RES 470 1/4 W 5%	1300316-00
	25	R1-R11, R13-R17, R27, R28, R89, R94, R105, R106, R111, R112, R118	RES 1K 1/4 W 5%	1300365-00
	1	R87	RES 1.5K 1/4 W 5%	1300391-00
	5	R81, R88, R90-R92	RES 5.6K 1/4 W 5%	1301874-00
	2	R55, R56	RES 1K 1/8 W 1%	1302748-00
	1	R51	RES 47K 1/4 W 5%	1302177-00
	1	R61	RES 11.5K 1/8 W 1%	1302860-00
	2	R72, R73	RES 820K 1/4 W 10%	1303187-00
	2	R62, R63	RES 2.61K 1/4 W 1%	1303303-00
	2	R76, R77	RES 5.11K 1/4 W 1%	1304854-00
				36
	2	R74, R75	RES 619 1/4 W 1%	1305126-00
	1	R58	RES 31.6K 1/8 W 1%	1305419-00
	2	R52, R54	RES 232K 1/8 W 1%	1305424-00
	6	R64-R69	RES 2K 1/4 W 5%	1302388-00
	1	R60	RES 16.3K 1/8 W 1%	1312618-00
	1	R59	RES 24.3K 1/4 W 1%	1309418-00
	2	Q2, Q3	TRANS 6534D PNP	1503409-00
	9	Q4-Q12	TRANS MPSA05 NPN	1510705-00
	<del>1</del>	<del>Q1</del>	<del>TRANS 6534D PNP</del>	<del>1503409-00</del>
	1	Y1	CRYSTAL 1.6896 MHZ	1811689-00
	11	E18, E20, E23, E25, E26, E29, E35, E50, E51, E54, E55	I.C. 7474	1905547-00

5411023-02  
5411023-01  
5411023-00

PARTS LIST				
VARIATION	QTY	REF DESIGNATION	DESCRIPTION	PART NO.
	4	E24, E48, E49, E52	I.C. 7400	1905575-00
	1	E28	I.C. 7410	1905576-00
	1	E70	I.C. 7420	1905577-00
	1	E69	I.C. 7401	1905590-00
	2	E39, E40	I.C. 7493A	1909054-00
	3	E36, E41, E46	I.C. 8640	1911469-00
	6	E3, E33, E47, E72, E75, E27	I.C. 7404	1909686-00
	3	E45, E60, E73	I.C. 74154	1909701-00
	1	E16	I.C. 7413	1909989-00
	5	E12, E4, E62, E64, E67	I.C. 74193	1910018-00
	1	E53	I.C. 7442	1910046-00
	1	E19	I.C. 74190	1910095-00
	2	E56, E30	I.C. 8881	1909705-00
	2	E37, E74	I.C. 74150	1910153-00
	3	E5, E15, E21	I.C. LM301A	1910282-00
	1	E65	I.C. 7489	1910396-00
	1	E42	I.C. 74123	1910436-00
	2	E34, E44	I.C. 74161	1910650-00
	1	E22	I.C. 74175	1910651-00
	2	E2, E8	I.C. 2101-2	2112323-00
	<del>1</del>	<del>E41, E61</del>	<del>I.C. 1783 A PROM</del>	<del>2300041-00</del>
	1	E38	I.C. 8815	1909713-00
	4	E3, E9, E32, E37	I.C. 74197	1910035-00
	4	E43, E59, E63, E68	I.C. 7408	1910155-00
	1	E1	I.C. MK2626 (UNGLASHED O)	2307116-00
	1	E7	I.C. MK2627 (ALPHA SET)	2307026-00
	9		SPLIT LUGS	9006735-
	<del>1</del>	<del>SCREW PPH</del>	<del>9006011-01</del>	<del>75</del>
	2		FASTON TAB	9007413-00
	<del>1</del>	<del>WAS NUT</del>	<del>9006887-00</del>	<del>77</del>
	2		EYE LETS	9009000
	9	R98-R104, R109, R107	RES 47K 1/4 W 5%	1302177
	1	E58	I.C. 7414	1911324
	1	E13	I.C. 74180	1912724
	1	E10	I.C. 9601	1909373
	1	E6	I.C. 7406	1910741
	1	C98	CAP 39uF 10V 5%	1000076
	7	R20 THRU R26	RES 4.7K 1/4 W 5%	1300447-00
	5	W1, W4, W8, W11, W12 OR W13	INSULATED JUMPER	900985
	A/R/W/R/R		JUMPER, INSULATED	9105740-55
	3		LATCH, LEFT	1209941-03
	3		LATCH, RIGHT	1209941-04
	<del>1</del>	<del>E71</del>	<del>IC MK2611 IP CROM</del>	<del>2309846</del>
	<del>1</del>	<del>E71</del>	<del>IC MK2611 P CROM</del>	<del>2309846</del>
	<del>3</del>	<del>W3, W5, W7</del>	<del>JUMPER, INSULATED</del>	<del>900985</del>

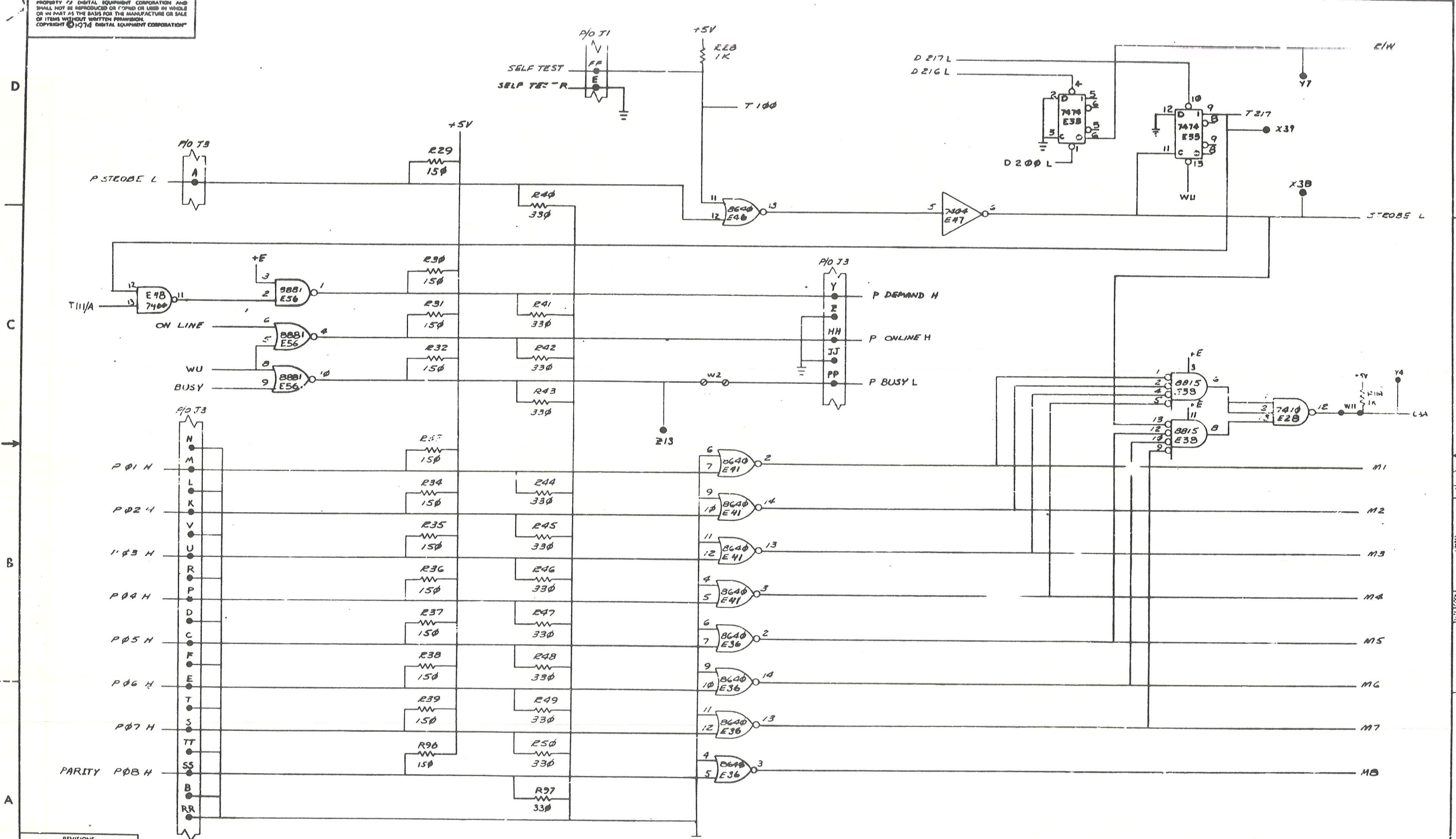
REVISIONS		
CHK	CHANGE NO.	REV.

TITLE	LA180	REV. NO.	T
LOGIC BOARD		D CS 5411023-0-1	
SCALE		SHEET 2 OF 9	



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DCS 5411023-0-1



REVISIONS		
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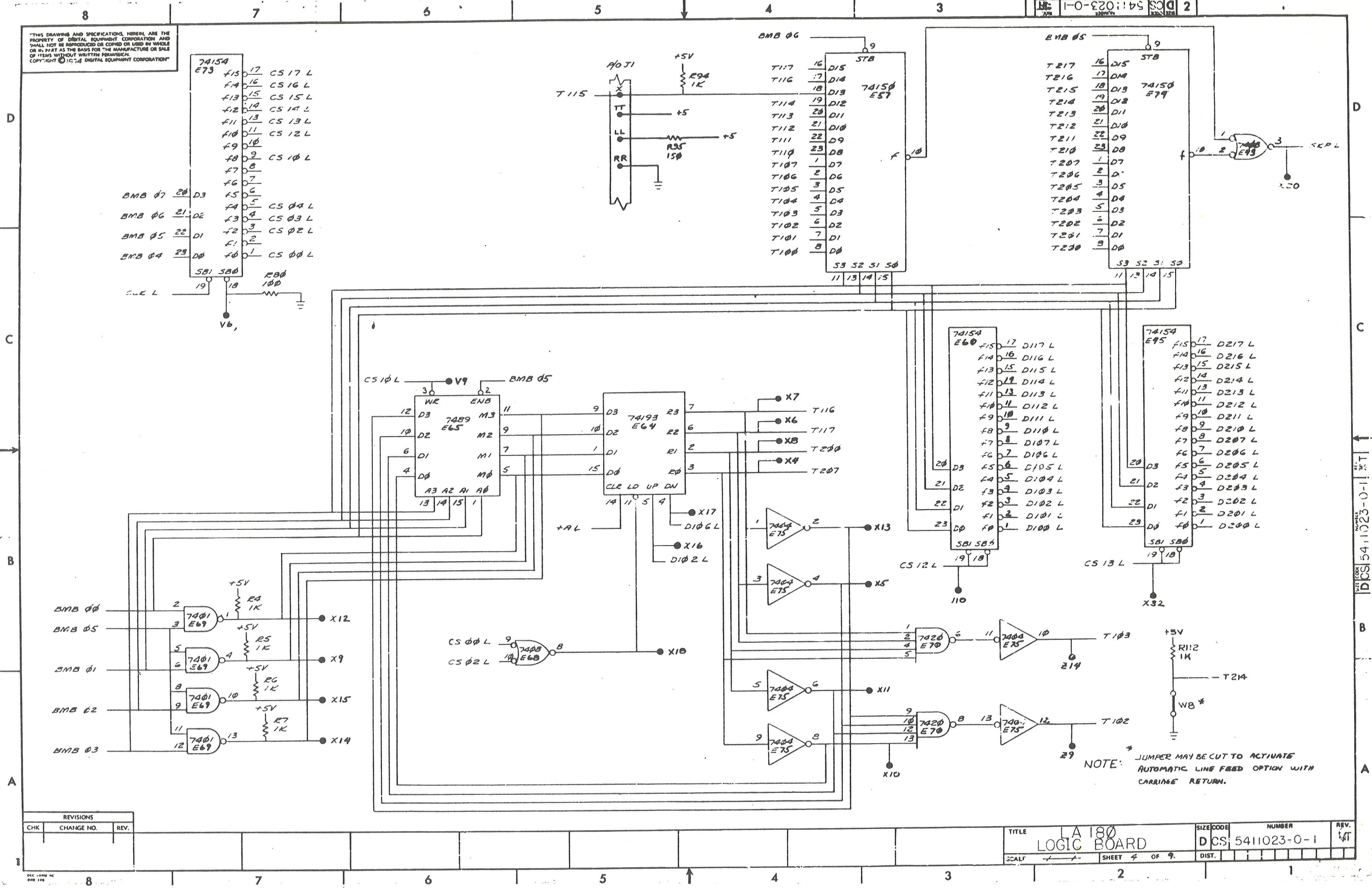
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 SIZE CODE DCS 5411023-0-1  
 NUMBER  
 REV. J.T.  
 SCALE SHEET 3 OF 9

DCS 5411023-0-1



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DCS 5411023-0-1



REVISIONS		
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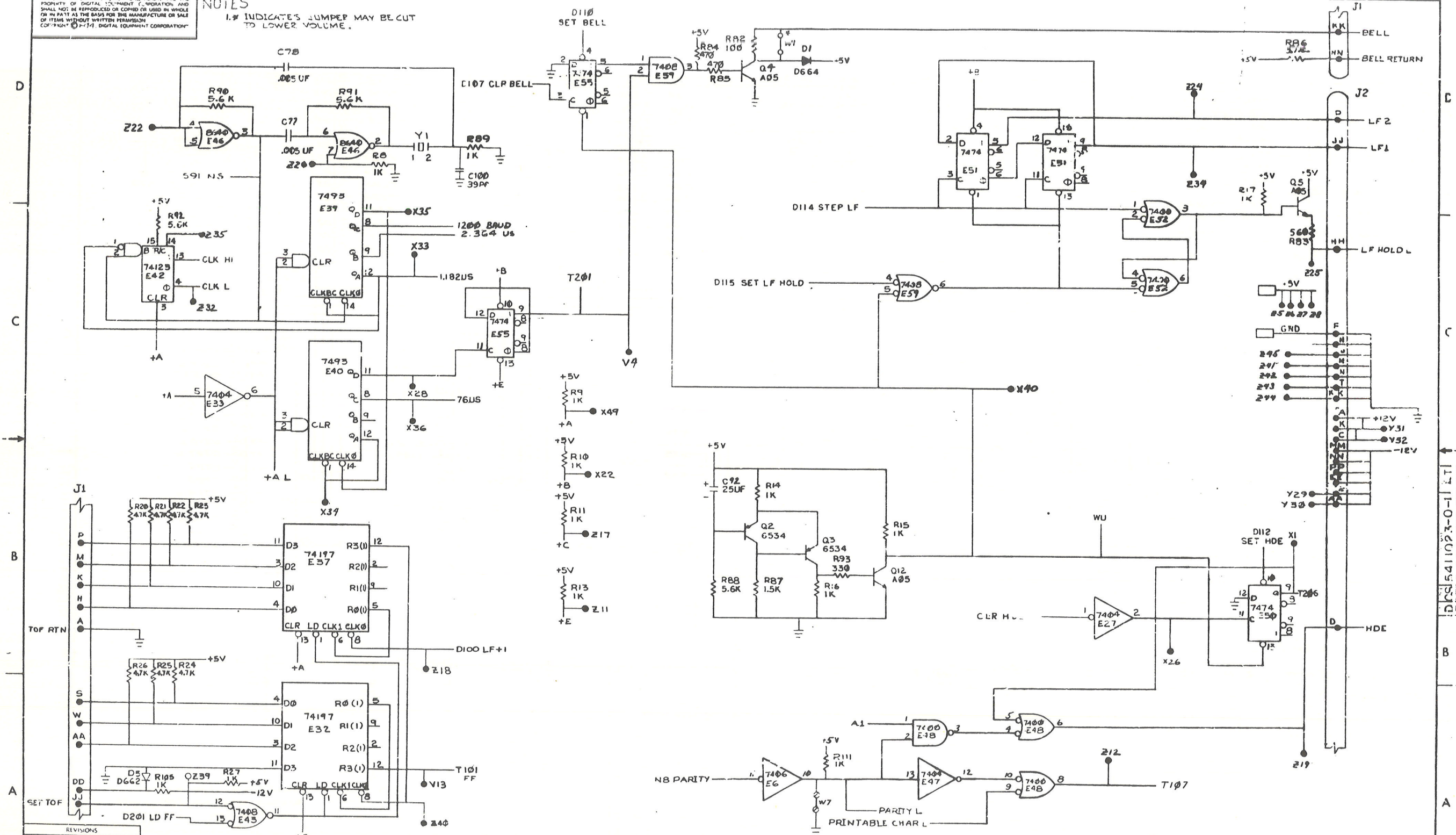
TITLE	LA 180 LOGIC BOARD	SIZE CODE	DCS 5411023-0-1	NUMBER		REV.	
SCALE		SHEET	4 OF 9	DIST.			

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



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



REVISIONS

CHK	CHANGE NO	REV

TITLE	SIZE	CODE	NUMBER	REV.
LA 180 LOGIC BOARD	D	C	5411023-0-1	T
SCALE	SHEET 5 OF 5		DIST.	



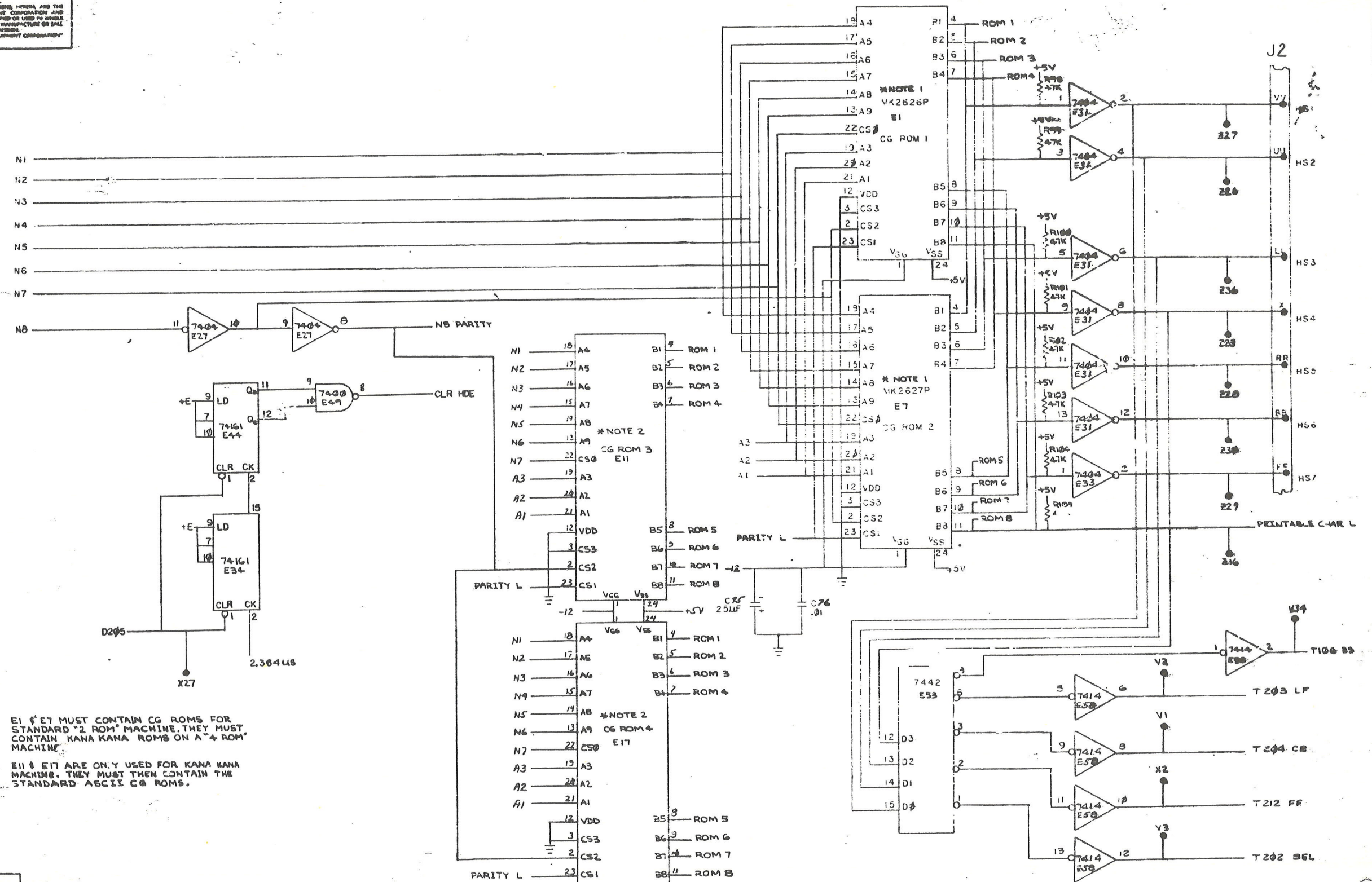








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\* NOTE 1 E1 & E7 MUST CONTAIN CG ROMS FOR STANDARD "2 ROM" MACHINE. THEY MUST CONTAIN KANA KANA ROMS ON A "4 ROM" MACHINE.

\* NOTE 2 E11 & E17 ARE ONLY USED FOR KANA KANA MACHINES. THEY MUST THEN CONTAIN THE STANDARD ASCII CG ROMS.

REVISIONS		
CHK	CHANGE NO.	REV.

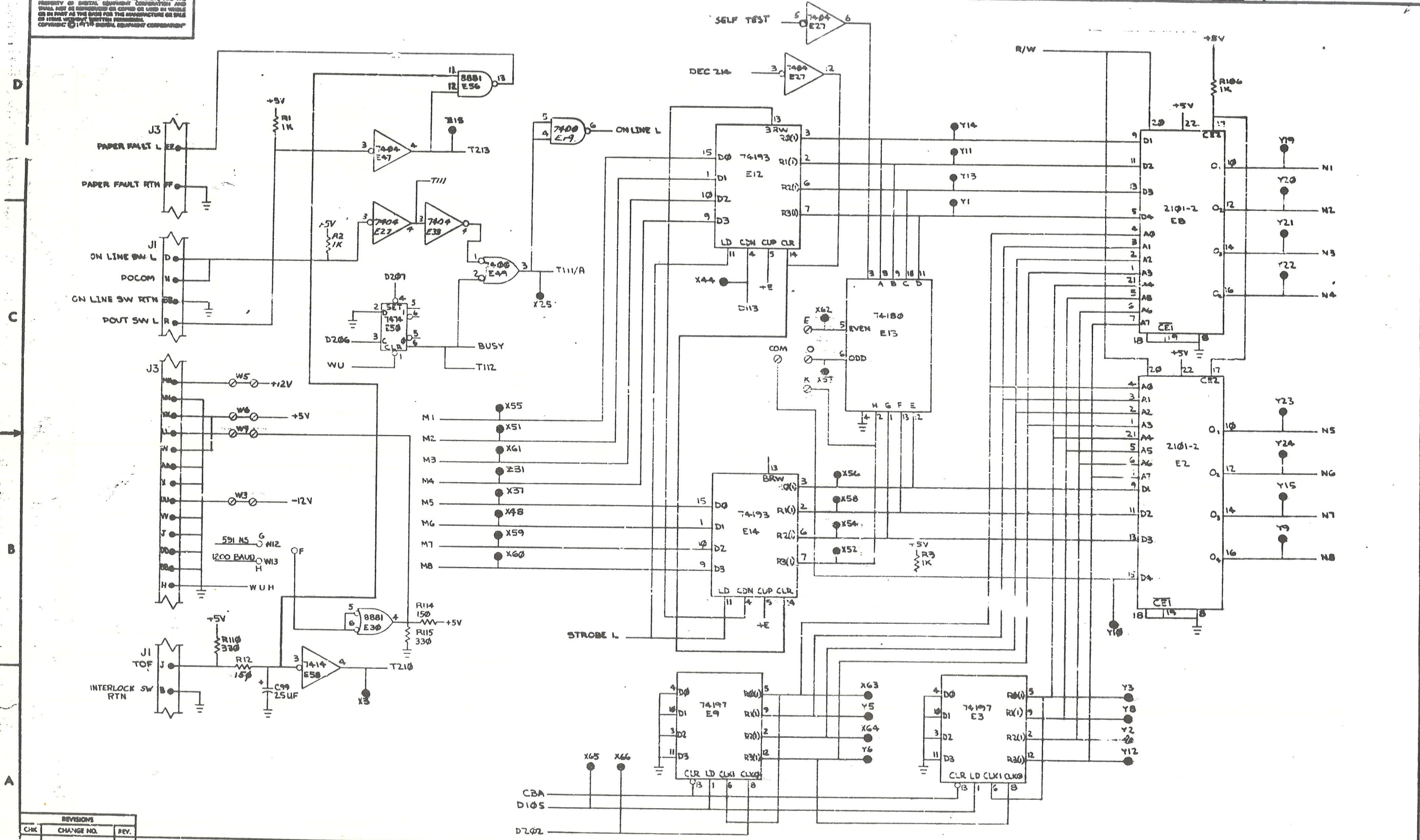
TITLE LA180 LOGIC BOARD  
 SCALE 1:1 SHEET 8 OF 9  
 SIZE CODE DCS 5411023-0-1  
 NUMBER 17

DCS 5411023-0-1



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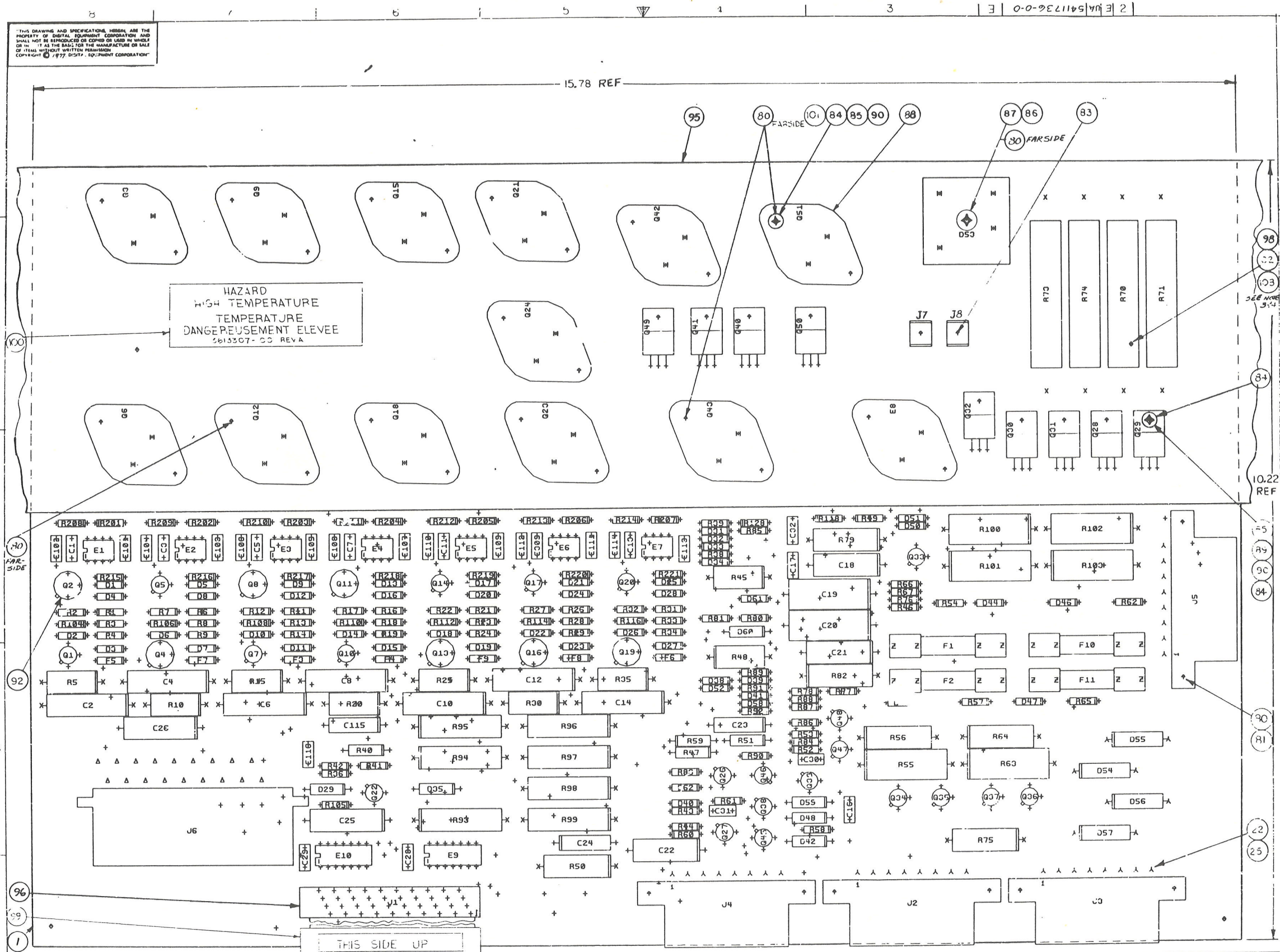
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REVISIONS		
CHK	CHANGE NO.	REV.

TITLE LA180 LOGIC BOARD  
 SIZE CODE DCS  
 NUMBER 5411023-0-1  
 SCALE SHEET 9 OF 9  
 DIST. 1





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- NOTES:
1. THE WIDTH BETWEEN HOLES IS 16.50.
  2. KEY: J2 PIN 4 J4 PIN2  
J3 PIN 5 J5 PIN3
  3. INSTALL WASHER, ITEM 98 ON FAR SIDE OF BOARD 2 PLACES.
  4. INSTALL WASHER BETWEEN HEAT SINK AND BOARD 2 PLACES, ITEM 103

CHANGE NO. REV. DATE

1	1	12/31/74
2	1	2/28/77
3	1	2/28/77
4	1	2/28/77

HOLE DATA

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

BOARD FABRICATION INFORMATION

PANEL SIZE	12.50 X 17.00
PANEL DATA	DWG. 0
PANEL MAT'L	9855 THK
QTY. OF LAYERS	2
COPPER THICKNESS	2.0Z
PTH. X PRINT AND ETCH	
MODULE-INSERTED	100 TIMES OR MORE

SIGNATURES

DRN.	<i>[Signature]</i>	DATE	12/31/74
CHK'D.	<i>[Signature]</i>		
ENC.	<i>[Signature]</i>		
PROJ. ENG.	<i>[Signature]</i>		
PROD.	<i>[Signature]</i>		
SHT. 1	OF 3		
NEXT HIGHER ASSY. BDD-5411736-0			

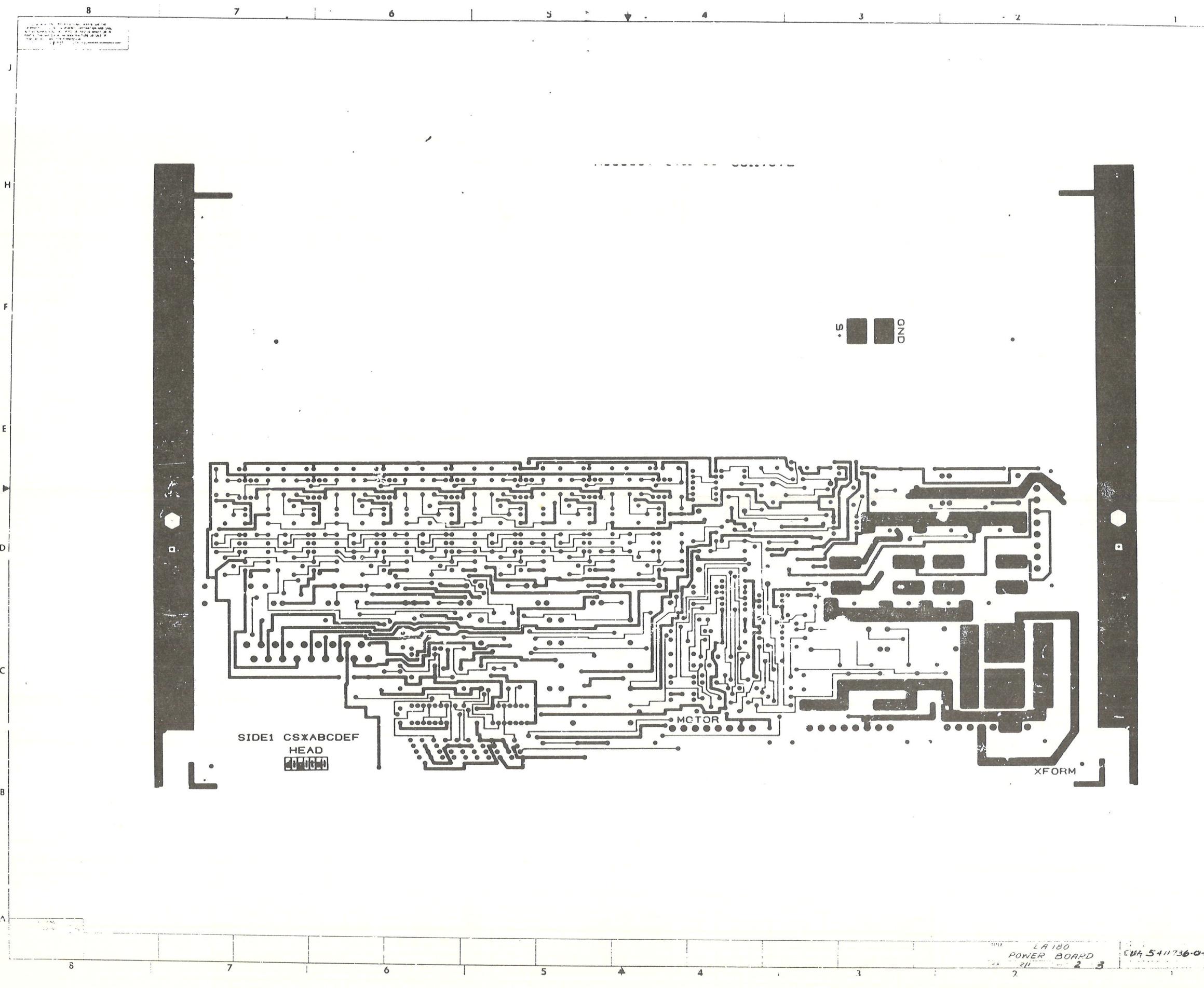
digital

TITLE LAISÉ  
POWER BOARD

SIZE CODE NUMBER  
EUA:5411736-0-0

ETCH REV. E





ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.  
TOLERANCES ARE AS SHOWN.  
DIMENSIONS TO CENTER UNLESS OTHERWISE SPECIFIED.

SIDE1 CSXABCDEF  
HEAD  
[Symbol]

MOTOR

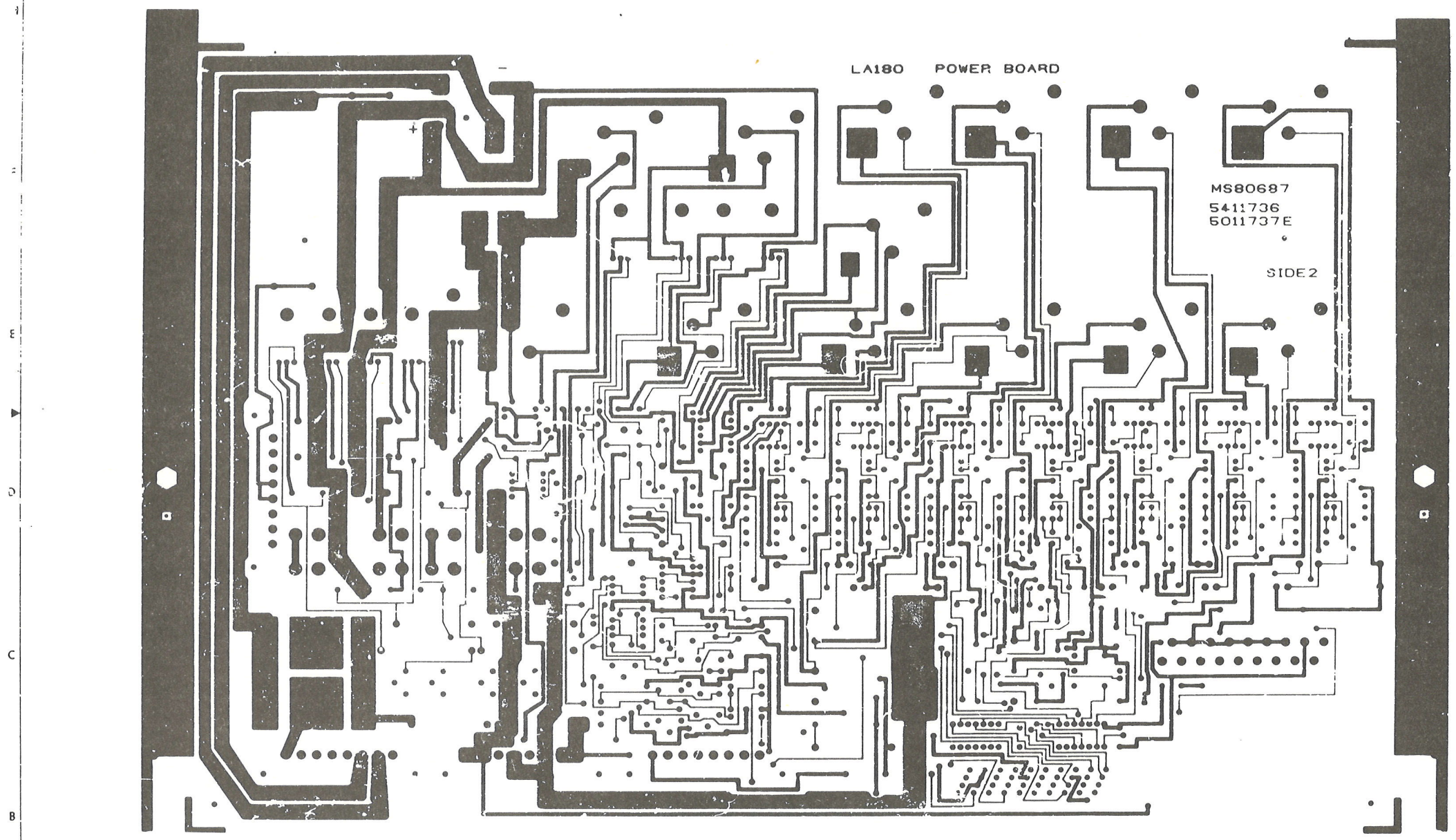
XFORM

5 [Symbol]  
GND [Symbol]

LA 180  
POWER BOARD  
EVA 541736-00



8 7 6 5 4 3 2 1



LA180 POWER BOARD

MS80687  
5411736  
5011737E

SIDE 2

A

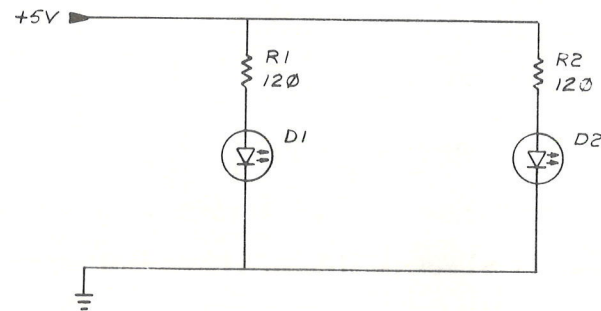
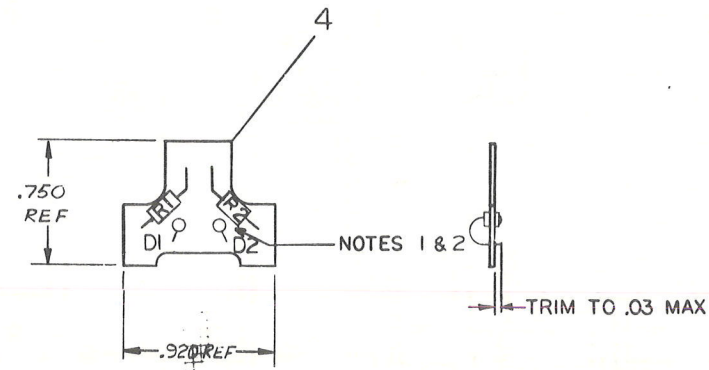
8 7 6 5 4 4 3 2 1

TITLE	LA 180 POWER BOARD	DESIGNER	EUA	DRAWN	5411736-0-0
SCALE	2/1	DATE	3-73	REV	



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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 .078 MIN. .083 MAX



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	DIA-5010790-0-0	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	<input checked="" type="checkbox"/> C		

DRN	<i>J. Bickoff</i>	DATE	3/1/74
CHK'D	<i>J. Bickoff</i>	DATE	5-2-74
ENG	<i>Edmund</i>	DATE	7-12-74
PRJL ENG	<i>J. Bickoff</i>	DATE	7-12-74
PRJL	<i>J. Bickoff</i>	DATE	7-15-74
NEXT HIGHER ASSY			

TITLE		EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
LA36			
ENCODER PC BOARD			
LED			
SIZE CODE	NUMBER	DICS 5410991-0-1 E	

DEC NO.	EIA NO.	DEC NO.	EIA NO.
SEMICONDUCTOR CONVERSION CHART			
SCALE	SHEET 1 OF 1		

J. Bickoff	C. 7/17/74	7/17/74
J. BITTU	7/17/74	7/17/74
J. Bickoff	5410991-PN004	E
J. Bickoff	5410991-PN003	D
J. Bickoff	5410991-PN002	C
J. Bickoff	5410991-PN001	B
J. Bickoff	5410991-PN000	A

DEC FORM NO. DRD-135

DICS 5410991-0-1 E

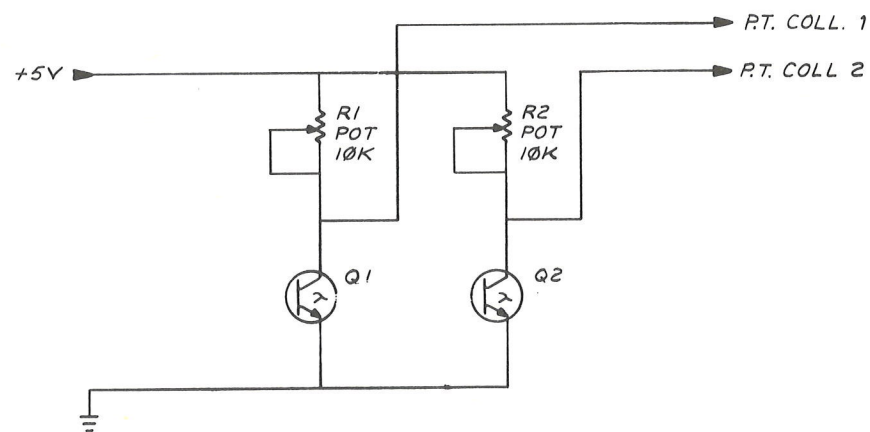
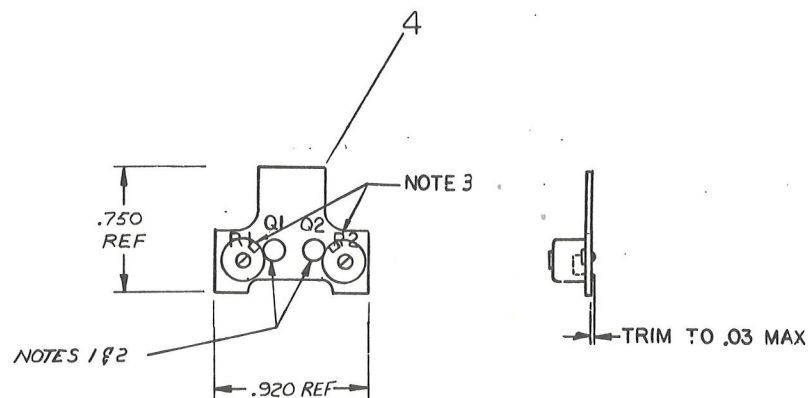


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NOTES:

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.



REF		X-Y COORDINATE HOLE LOCATION	K-CO-541049-0-1	1
REF		ASSY/DRILLING HOLE LAYOUT	D-MH-541049-0-5	2
REF		MODULE ECO HISTORY	B-MH-541049-0-6	3
REF		ETCHED CIRCUIT BOARD	D-IA-541049-0-4	4
2	R1, R2	POTENTIOMETER 10K	1309150-12	5
2	Q1, Q2	PHOTOTRANSISTOR	1511906	6

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

DRN	DATE	<b>EQUIPMENT CORPORATION</b> MAYNARD, MASSACHUSETTS <b>LA36</b> <b>ENCODER PC BOARD</b> <b>PHOTOTRANSISTOR</b>
CHK'D	DATE	
ENG	DATE	
PRD. ENG.	DATE	
PROD.	DATE	
NEXT HIGHER ASSY		
SCALE		NUMBER <b>DCS 5411049-0-1</b>
SHEET	OF	REV.
1	1	3

DEC NO.	EIA NO.	DEC NO.	EIA NO.

REV	CHG	DATE	BY
1			
2			
3			
4			
5			
6			
7			
8			

SEMICONDUCTOR CONVERSION CHART

DCS 5411049-0-1





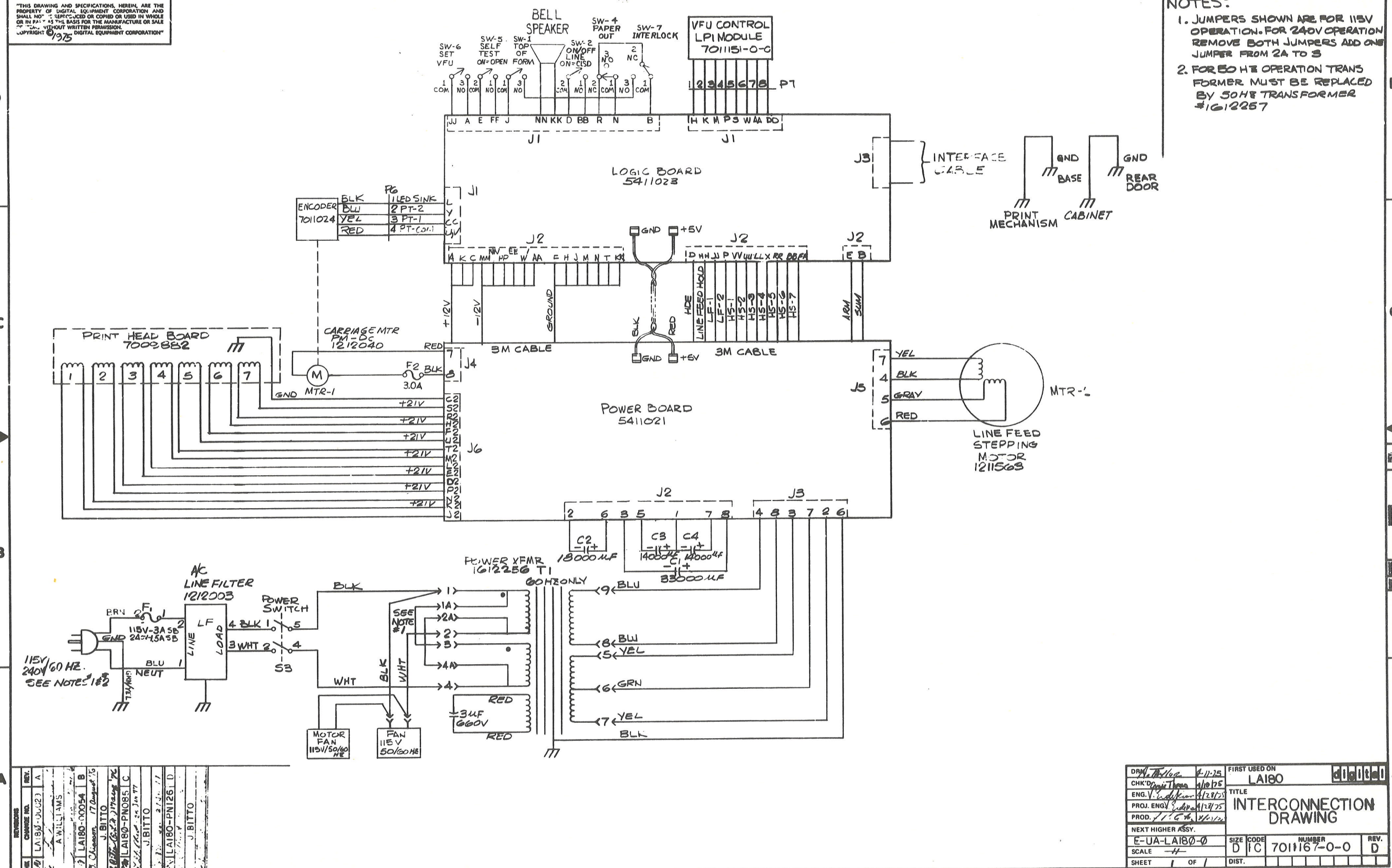


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0-0-2911102 10 2

NOTES:

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



REV.	DATE	BY	CHK'D
1	11/18/75	J. BITTO	J. BITTO
2	12/17/75	J. BITTO	J. BITTO
3	1/14/76	J. BITTO	J. BITTO
4	2/13/76	J. BITTO	J. BITTO
5	2/13/76	J. BITTO	J. BITTO
6	2/13/76	J. BITTO	J. BITTO
7	2/13/76	J. BITTO	J. BITTO
8	2/13/76	J. BITTO	J. BITTO

DRW. <i>[Signature]</i>	8-11-75	FIRST USED ON	LA180
CHK'D <i>[Signature]</i>	1/10/76	TITLE	INTERCONNECTION DRAWING
ENG. <i>[Signature]</i>	1/28/75	PROJECT	LA180-0
PROJ. ENGR. <i>[Signature]</i>	1/28/75	SCALE	1:1
PROD. <i>[Signature]</i>	1/28/75	SHEET	1 OF 1
NEXT HIGHER ASSY.		SIZE CODE	D 1 C
E-UA-LA180-0		NUMBER	7011167-0-0
SCALE	1:1	REV.	D
SHEET	1 OF 1	DIST.	

800 FORM 100  
DOD 100 0



# DIGITAL EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS

## PACKAGING INSTRUCTION

TITLE DECwriter

REV: E DATE: 8/77  
F 1/78  
II 10/78

LEGEND:	
3700131-00	DECwriter with Keyboard
3700131-01	DECwriter without Keyboard

### MATERIAL REQUIREMENTS - 3700131-00

Quantity	Purchase Specifications No.	Description
1	9905601	Stitched Tube
1	9905601-01	Full Telescope Cap
1	9905639	Pad 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

Step 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 (90-09290-03) 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.J.O. Pat. 4/21/77 APP'D J.J. Nielsen 4-27-77 SIZE CODE NUMBER 3700131-00 REV H  
DEC 8-1851-1831-1-8473 SHEET 1 OF 18

## PACKAGING INSTRUCTION

TITLE DECwriter

### MATERIAL REQUIREMENTS - 3700131-01

Quantity	Purchase Specifications 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
1	36-12520-00	Caution Tag
2 ft	90-09634	Stain Resistant Tape (3M)
1	90-07032	Panduit Cable Tie
20 ft	9905734-02	Polypropylene Strapping
2	9008139	Washer, Flat
1	9905129-33	Poly Bag 18 X 24

### PACKAGING INSTRUCTIONS - 3700131-01

Step 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 (90-09290-03) 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.J.O. Pat. 4/21/77 APP'D J.J. Nielsen 4-27-77 SIZE CODE NUMBER 3700131-00 REV H  
DEC 8-1851-1831-1-8473 SHEET 2 OF 18

## PACKAGING INSTRUCTION

TITLE 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.

Truck Type	DECwriter Height	Interior Length (in)	Interior Width (in)	Interior Height (in)	Figure and Title	
					Truck Dimensions	Figure and Title
1. Common Carrier and Ocean Container	Two High with Skids	480	92.5	111.5	2.1 Truck Dimensions 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 Dimensions 3.2 Configuration	
3. King Star Air Ride Van	Three High With Plywood Step	106 + 430 Step	92.5	105 + 123 Step	4.1 Truck Dimensions 4.2 Configuration 4.3 Plywood Step	
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 for superior cushioning ability to the hard spring alone. The truck load configuration of DECwriters is shown in Figure 3.2.

### KING STAR AIR RIDE VAN

The King Star 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.

### FOOT-DRACK

There is no provision yet for Foot Drack shipments of DECwriters.

ENG B.J.O. Pat. 4/21/77 APP'D J.J. Nielsen 4-27-77 SIZE CODE NUMBER 3700131-00 REV H  
DEC 8-1851-1831-1-8473 SHEET 3 OF 18

## 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.

- LOAD LOCKS**  
Load Locks are rectangular or round bars which resist or unsway like a fully column horizontally and force against the sidewalls of the truck to prevent movement of cargo. They can be used in any type truck.
- CHANNEL LOCKS**  
Channel Locks are rectangular cross section bars which fit into slotted rails built into the sidewalls of Electronics Van type trucks. The slotted rails are spaced about every 18 inches.
- STRAPS AND BUCKLES**  
Straps and buckles fit into the same slotted rails as the Channel Locks and are tensioned with a beehive. Rails are built into Electronics Van only.
- 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 bag will take up a maximum of one foot of space.

ENG B.J.O. Pat. 4/21/77 APP'D J.J. Nielsen 4-27-77 SIZE CODE NUMBER 3700131-00 REV H  
DEC 8-1851-1831-1-8473 SHEET 4 OF 18



**PACKAGING INSTRUCTION**  
TITLE: DECRYPTER

REV: \_\_\_\_\_ DATE: 10/78  
D \_\_\_\_\_ 8/77  
E \_\_\_\_\_ 8/77  
F \_\_\_\_\_ 4/78

CAUTION TAB (30-1020-0-0)  
TRACTOR DRIVE SHAFT  
ROLLER "A"  
PRINT HEAD  
KEY PROTECTOR (9006339) (USED ON 3700131-00 ONLY)  
3/4" GLASS FILAMENT TUBE (9006339) (USED ON 3700131-00 ONLY)

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

ENG. *Tom Muesler* 7/77/78 APP. *W. W. Lawrence* 11/77/78  
3700131-0-0  
SIZE CODE NUMBER  
A SP  
REV H

SHEET 5 OF 10

**PACKAGING INSTRUCTION**  
TITLE: DECRYPTER

REV: \_\_\_\_\_ DATE: 10/78  
D \_\_\_\_\_ 8/77  
E \_\_\_\_\_ 8/77  
F \_\_\_\_\_ 4/78

FULL TELESCOPE CAP (9903601-01)  
STITCHED TUBE (9903601)  
(12) HEX HEAD BOLTS (90-09290-03)  
(12) WASHER FLAT 9008319  
WOOD BRACE (9903651-01)  
POLYBAG (9903129-33)  
WOOD END (9903651)

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

PACKAGED DIMENSIONS & WEIGHTS	
U.S.A.	METRIC
WEIGHT 145.00lb	66.51 KILO
LENGTH 37.04"	940 mm
WIDTH 29.04"	732 mm
HEIGHT 40.31"	1029 mm
CUBE 25.40cu ft	0.72cu m
DENSITY 5.71lb/cu ft	0.35g/cm <sup>3</sup>

ENG. *Tom Muesler* 9/77/78 APP. *W. W. Lawrence* 11/77/78  
3700131-0-0  
SIZE CODE NUMBER  
A SP  
REV H

SHEET 6 OF 10

**PACKAGING INSTRUCTION**  
TITLE: DECRYPTER

REV: \_\_\_\_\_ DATE: 8/77  
E \_\_\_\_\_ 4/78  
F \_\_\_\_\_ 10/78  
H \_\_\_\_\_

FIGURE 2.1  
COMMON CARRIER DIMENSIONS

CUSTOMER BUILT FOAM & COMBUSTIBLE AIR BAG  
FLUTE SHEET (9003000)  
37" x 90" x 2" POLYURETHANE FOAM (9003070) (1 REQ'D)  
449 I.B. LSPCY (9003070) (1 REQ'D)  
37" x 90" x 100 I.B. TEST TUBULE W/ED (1 REQ'D) (9003080)

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

ENG. *Tom Muesler* 11/78/78 APP. *W. W. Lawrence* 8-5-77  
3700131-0-0  
SIZE CODE NUMBER  
A SP  
REV H

SHEET 7 OF 10

**PACKAGING INSTRUCTION**  
TITLE: DECRYPTER

REV: \_\_\_\_\_ DATE: 8/77  
E \_\_\_\_\_ 4/78  
F \_\_\_\_\_ 8/78  
H \_\_\_\_\_

FIGURE 3.1  
ELECTRONICS VAN AIR RIDE INSIDE DIMENSIONS

FIGURE 3.2  
ELECTRONICS VAN AIR RIDE VAN TWO DECRYPTERS HIGH

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

ENG. *Tom Muesler* 14 JUN 77 APP. *W. W. Lawrence* 8-5-77  
3700131-0-0  
SIZE CODE NUMBER  
A SP  
REV H

SHEET 8 OF 10



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# PACKAGING INSTRUCTION

REV: E DATE: 8/77  
F 4/78  
H 10/78

TITLE  
 DECWRITER

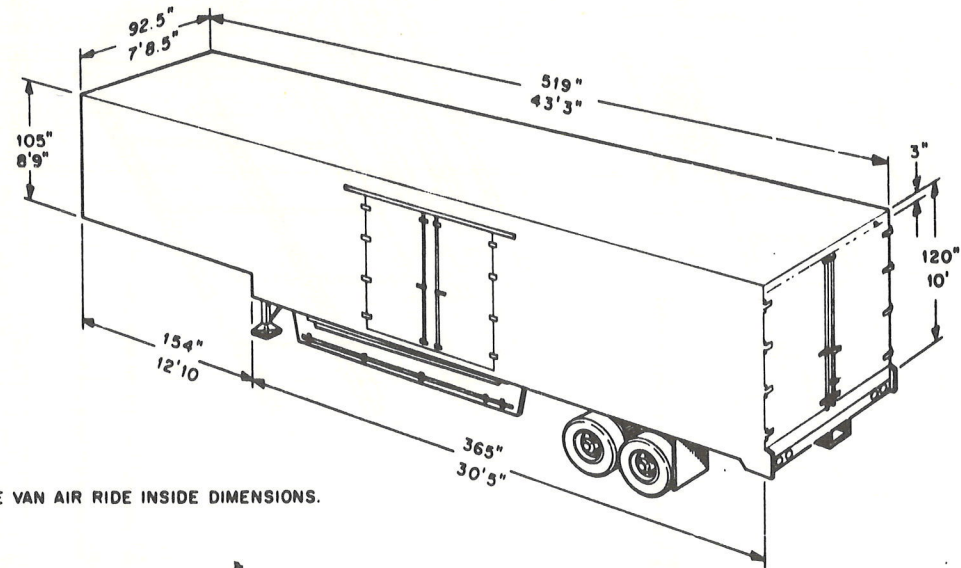


FIGURE 4.1  
 KING SIZE VAN AIR RIDE INSIDE DIMENSIONS.

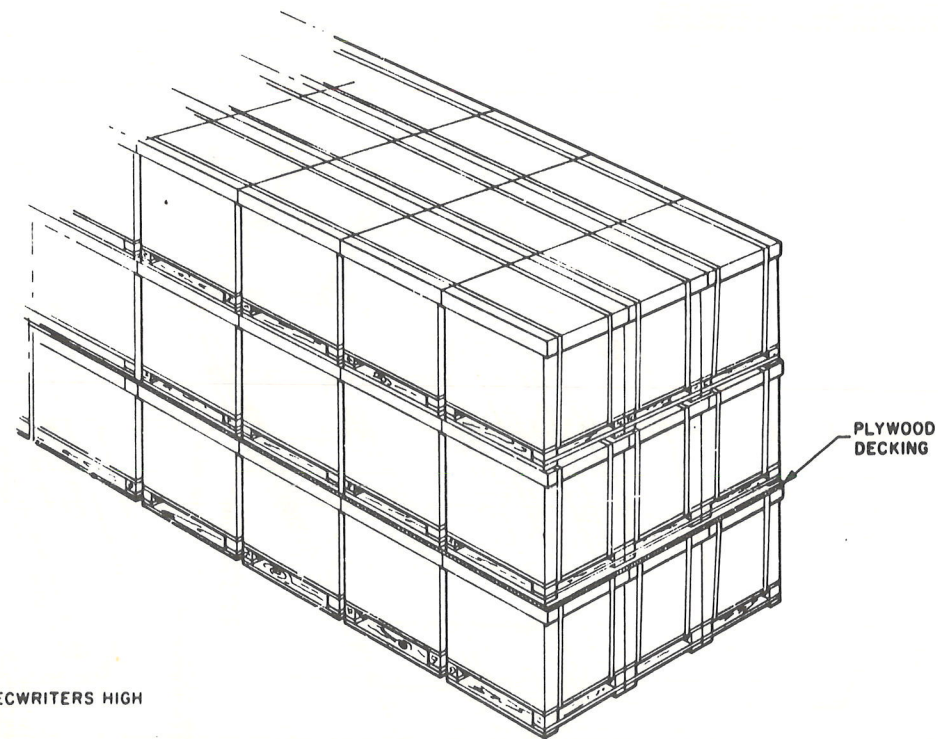


FIGURE 4.2  
 KING SIZE VAN THREE DECWRITERS HIGH  
 SEPARATED BY PLYWOOD

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

ENG. <i>W. S. Coleman</i> 14 JUN 77	APPD. <i>L. J. Nielsen</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  
F 4/78  
H 10/78

TITLE  
 DECWRITER

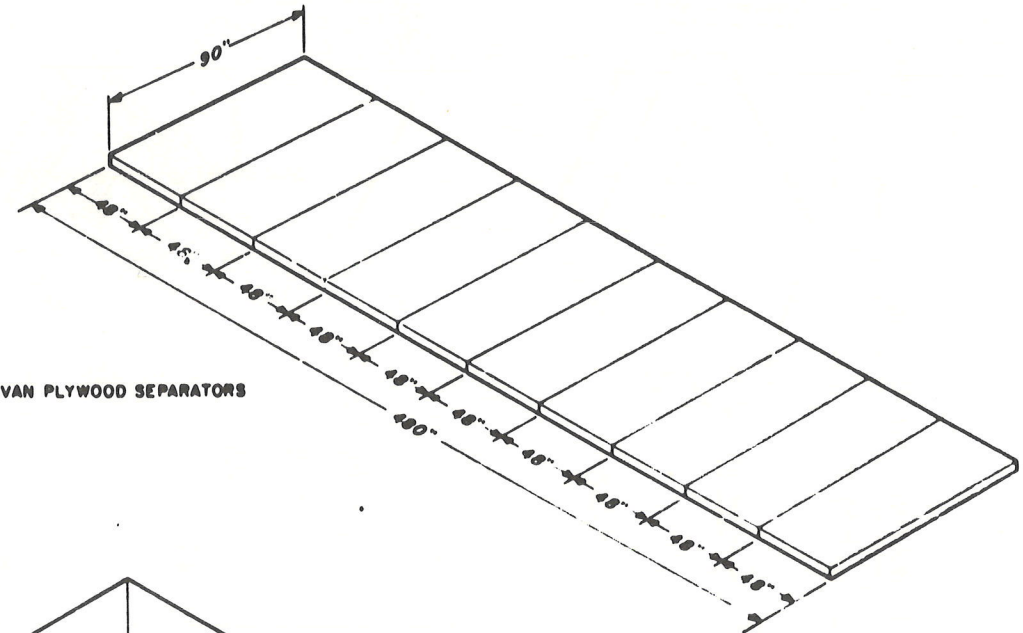


FIGURE 4.3  
 KING SIZE VAN PLYWOOD SEPARATORS

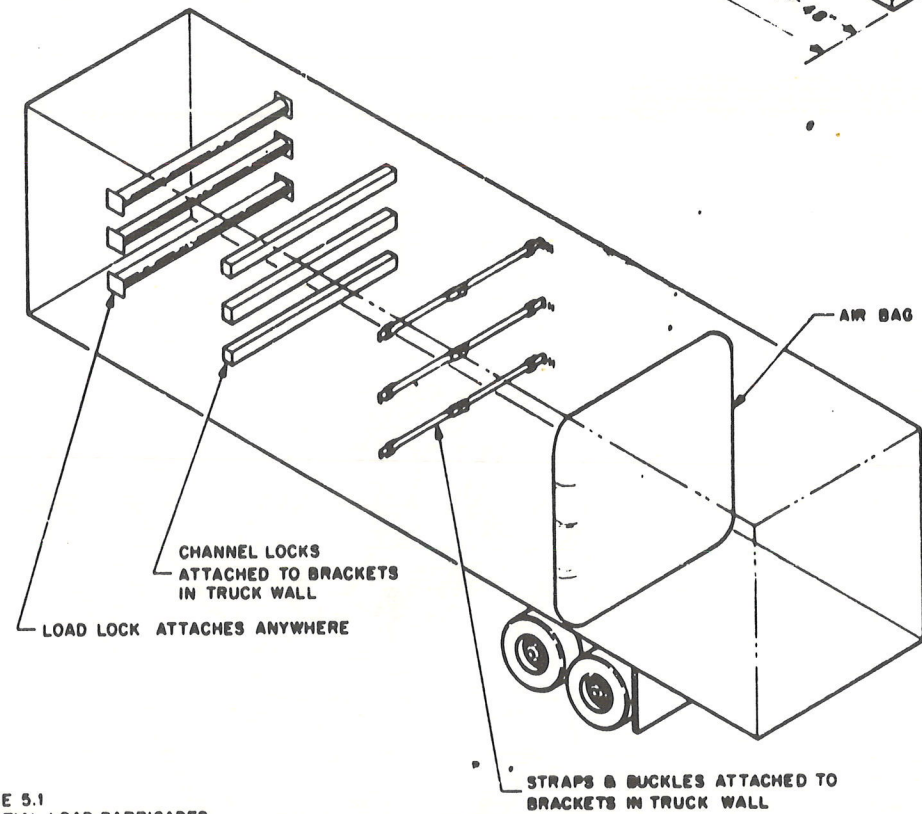


FIGURE 5.1  
 PARTIAL LOAD BARRICADES

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

ENG. <i>W. S. Coleman</i> 14 JUN 77	APPD. <i>L. J. Nielsen</i> 8-5-77	SIZE A	CODE SP	NUMBER 3700131-0-0	REV H
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ELECTRICAL					MECHANICAL										
CUSTOMER PRINT SET	MFG. SET	FIND NO.	DRAWING NO.	REV	NO OF SHT	DESCRIPTION	OPTION NO./FILE DATE	CUSTOMER PRINT SET	MFG. SET	FIND NO.	DRAWING NO.	REV	NO OF SHT	DESCRIPTION	OPTION NO./FILE DATE
X			B-DD-LAXX-KJ	#	2	DRAWING DIRECTORY		X			E-UA-LAXX-KJ-Ø	#	1	COMPRESSED FONT OPTION ASSY	
			A-SP-LAXX-KJ-1			ENGINEERING SPECIFICATION					D-MD-7414908-0-0		1	PULLY, TIMING, 15 TEETH	
X			A-SP-LAXX-KJ-2	#		CHECK-OUT PROCEDURE					C-MD-7414951-0-0		1	CLAMP, PULLEY	
											C-MD-7415010-0-0		1	SPACER, RIGHT-HAND	
											1212446-00		1	PULLEY, TIMING 30 TEETH	
											1211583-02		1	BELT, TIMING	

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  
 COMPRESSED FONT  
 SHEET 2 OF 2  
 SIZE CODE B DD  
 NUMBER LAXX-KJ  
 REV







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



TITLE	SIZE	CODE	NUMBER	REV
LAXX-NW SERIAL INTERFACE	B	DD	LAXX-NW	B

SHEET 2 OF 2









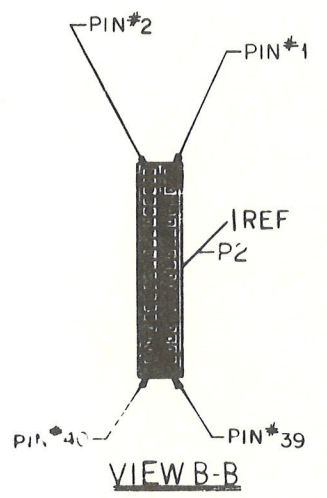
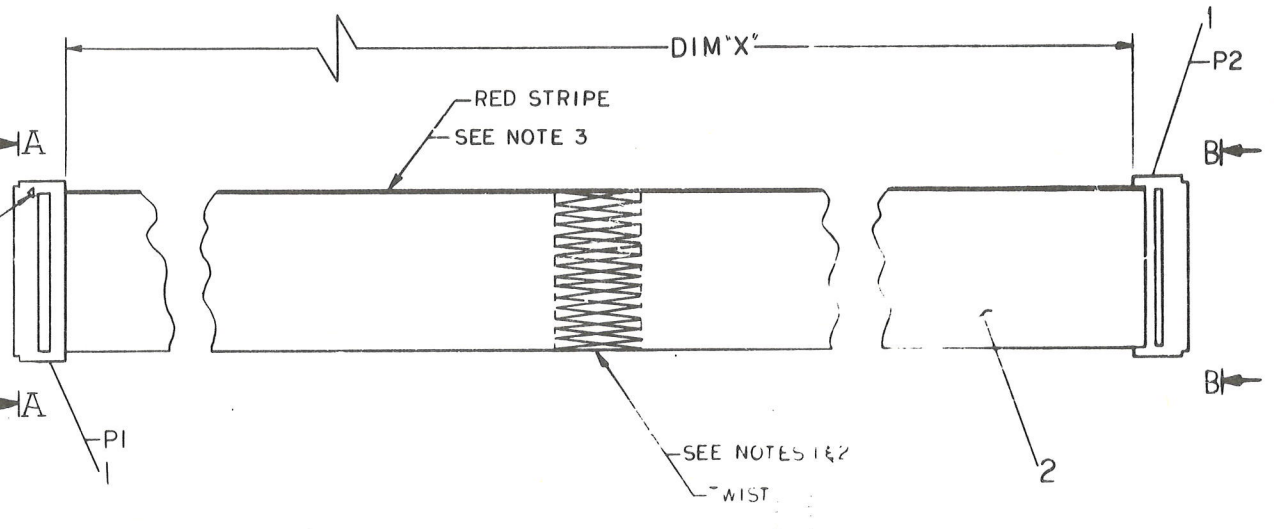
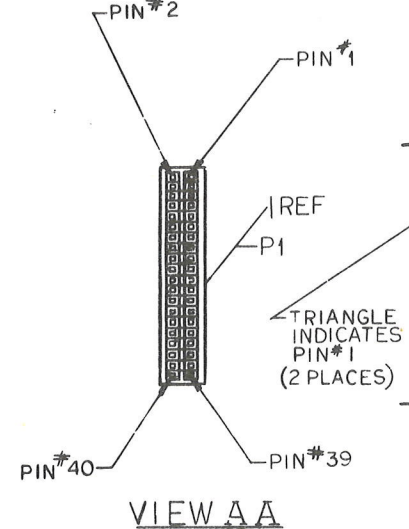
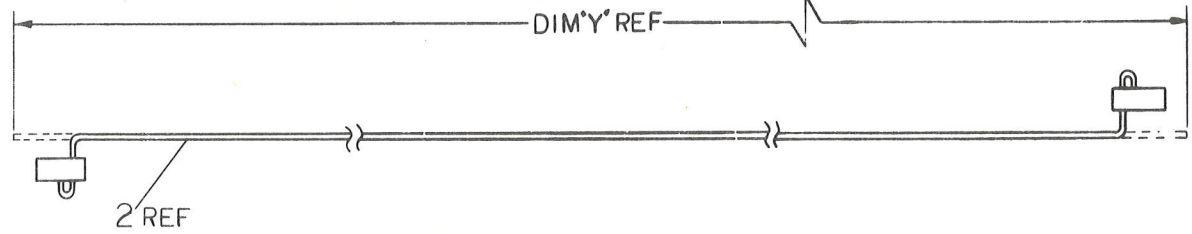


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WIRE TABLE							WIRE TABLE						
ITEM NO	DESCRIPTION	FROM	TO	WITH	WITH	REMARKS	ITEM NO	DESCRIPTION	FROM	TO	WITH	WITH	REMARKS
2	30	↑	PI-1	↑	P2-2	↑	2	30	↑	PI-21	↑	P2-22	↑
			PI-2	↑	P2-1	↑				PI-22	↑	P2-21	↑
			PI-3	↑	P2-4	↑				PI-23	↑	P2-24	↑
			PI-4	↑	P2-3	↑				PI-24	↑	P2-23	↑
			PI-5	↑	P2-6	↑				PI-25	↑	P2-26	↑
			PI-6	↑	P2-5	↑				PI-26	↑	P2-25	↑
			PI-7	↑	P2-8	↑				PI-27	↑	P2-28	↑
			PI-8	↑	P2-7	↑				PI-28	↑	P2-27	↑
			PI-9	↑	P2-10	↑				PI-29	↑	P2-30	↑
			PI-10	↑	P2-9	↑				PI-30	↑	P2-29	↑
			PI-11	↑	P2-12	↑				PI-31	↑	P2-32	↑
			PI-12	↑	P2-11	↑				PI-32	↑	P2-31	↑
			PI-13	↑	P2-14	↑				PI-33	↑	P2-34	↑
			PI-14	↑	P2-13	↑				PI-34	↑	P2-33	↑
			PI-15	↑	P2-16	↑				PI-35	↑	P2-36	↑
			PI-16	↑	P2-15	↑				PI-36	↑	P2-35	↑
			PI-17	↑	P2-18	↑				PI-37	↑	P2-38	↑
			PI-18	↑	P2-17	↑				PI-38	↑	P2-37	↑
			PI-19	↑	P2-20	↑				PI-39	↑	P2-40	↑
			30	↓	PI-20	↑				P2-19	↑	30	↓

NUMBER	DIM'X VARIATION	DIM'Y (PRECUT) REF
BC06K-0J	0FT-8IN ±.5IN	0FT-9IN ±.5IN
BC06K-1K	1FT-9IN ±1.0IN	1FT-10IN ±1.0IN
BC06K-7K	7FT-9IN ±2.0IN	7FT-10IN ±2.0IN
BC06K-4B	4FT-2IN ±2.0IN	4FT-3IN ±2.0IN

- NOTES:
1. TWIST TO BE APPROXIMATELY IN CENTER OF CABLE, AND BE A MIN OF 3IN FROM CONNECTOR.
  2. RIBBON CABLE (ITEM #2) CONTAINS A TWIST SECTION EVERY 21 INCHES, THERE MUST BE AN ODD NUMBER OF TWIST SECTIONS WITHIN ANY LENGTH VARIATION OF BC06K CABLE.
  3. IF A RED STRIPE APPEARS ON THE CABLE IT MUST BE POSITIONED AS SHOWN.



REV.	CHANGE NO.	DATE	BY	CHK
1	BC06-00001	1/15/77	J. ORR	

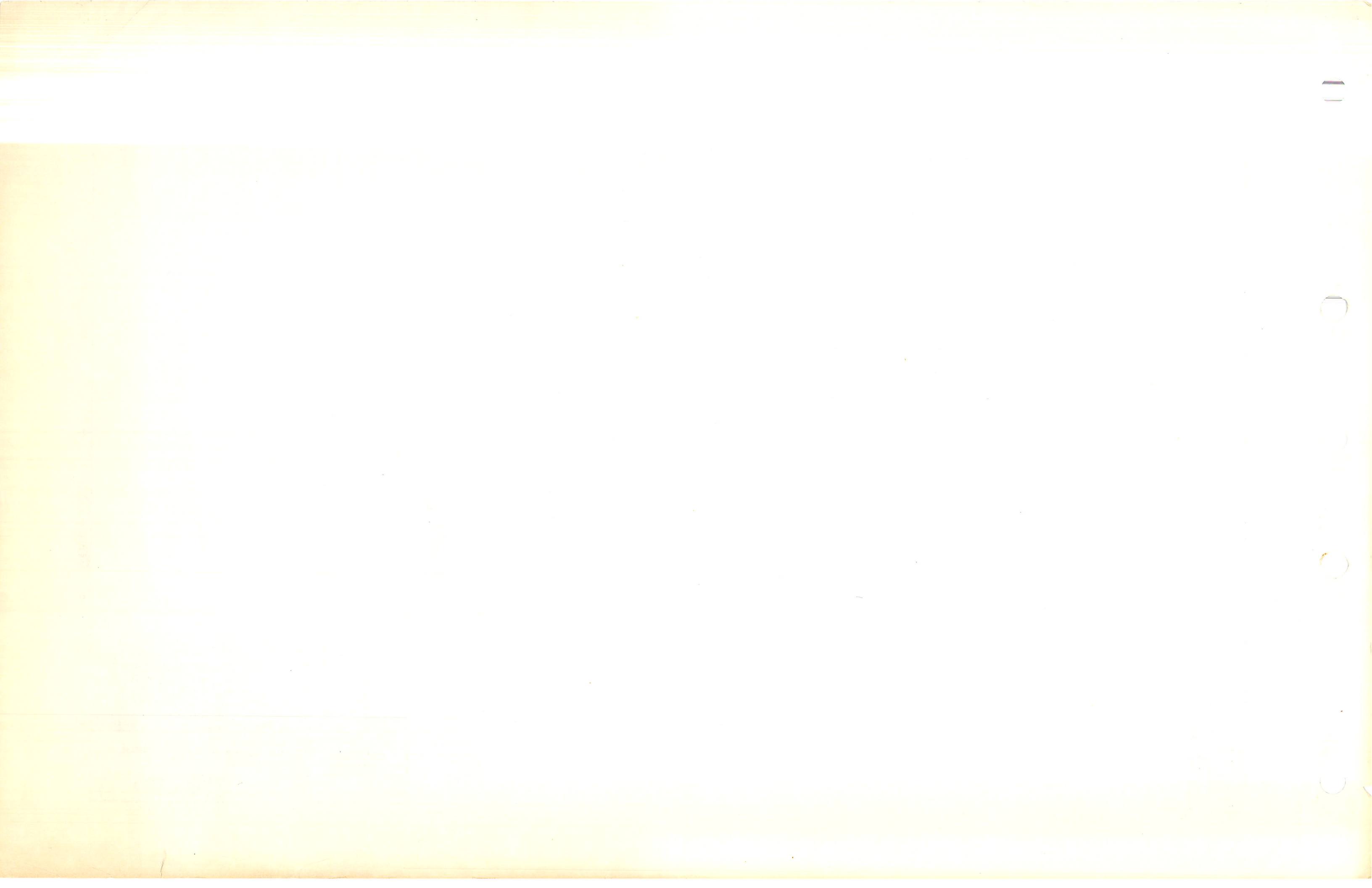
DESCRIPTION	DWG. PART NO.	ITEM NO.
A/R CABLE, RIBBON 40 COND	1700081-00	2
2 SOCKET, CONNECTOR (40 POS)	1211206-00	1

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			
ANGLES	CLASS OF ACCURACY	NOMINAL DIMENSION	
20° 30'	(CHECK ONE)	OVER	UNDER
SURFACE QUALITY	IN	0	12.0
MICROINCHES	PREFERRED	±.012	±.010
QUANTITY & VARIATION		±.008	±.01

THIRD ANGLE PROJECTION	DRN. <i>J. Orre</i> 1/15/77	FIRST USED ON
REMOVE BURRS AND BREAK SHARP CORNERS	CHKD. <i>J. Orre</i> 1/15/77	H7004-B
DO NOT SCALE DWG	ENG. <i>J. Orre</i> 1/15/77	TITLE
MATERIAL SEE PARTS LIST	PROJ. ENG. <i>J. Orre</i> 1/15/77	MIRROR IMAGE CABLE
FINISH	PROD. <i>J. Orre</i> 1/15/77	SIZE CODE NUMBER
	NEXT HIGHER ASSY.	D UA BC06K-0-0
	SCALE NONE	REV. A
	SHEET OF	DIST.

BC06K-0-0













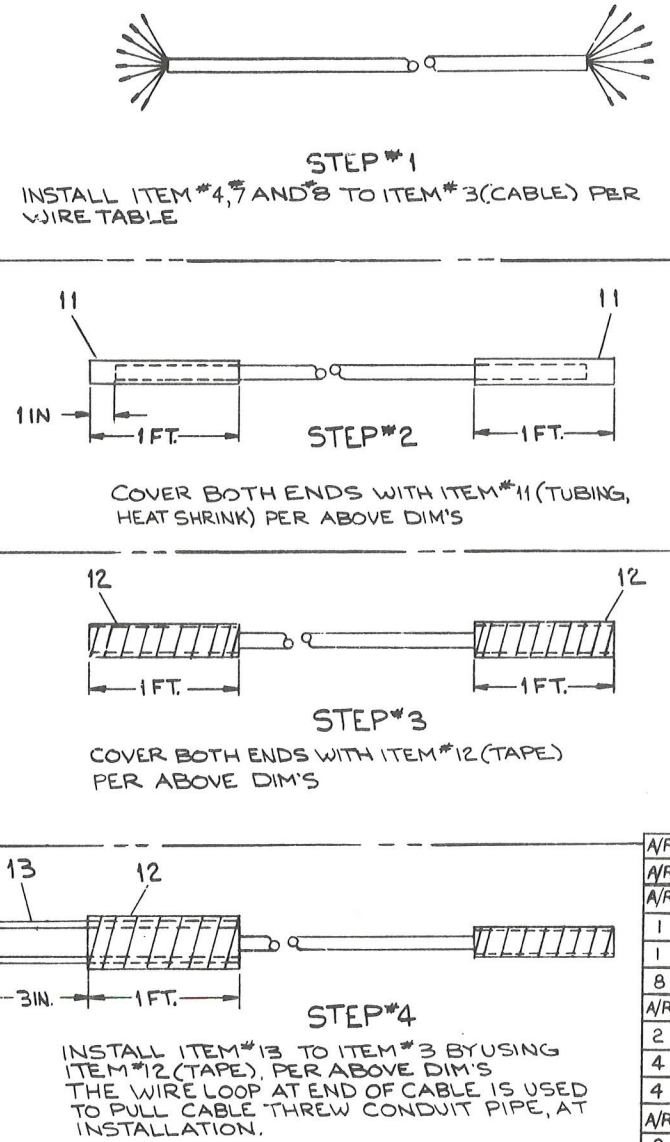
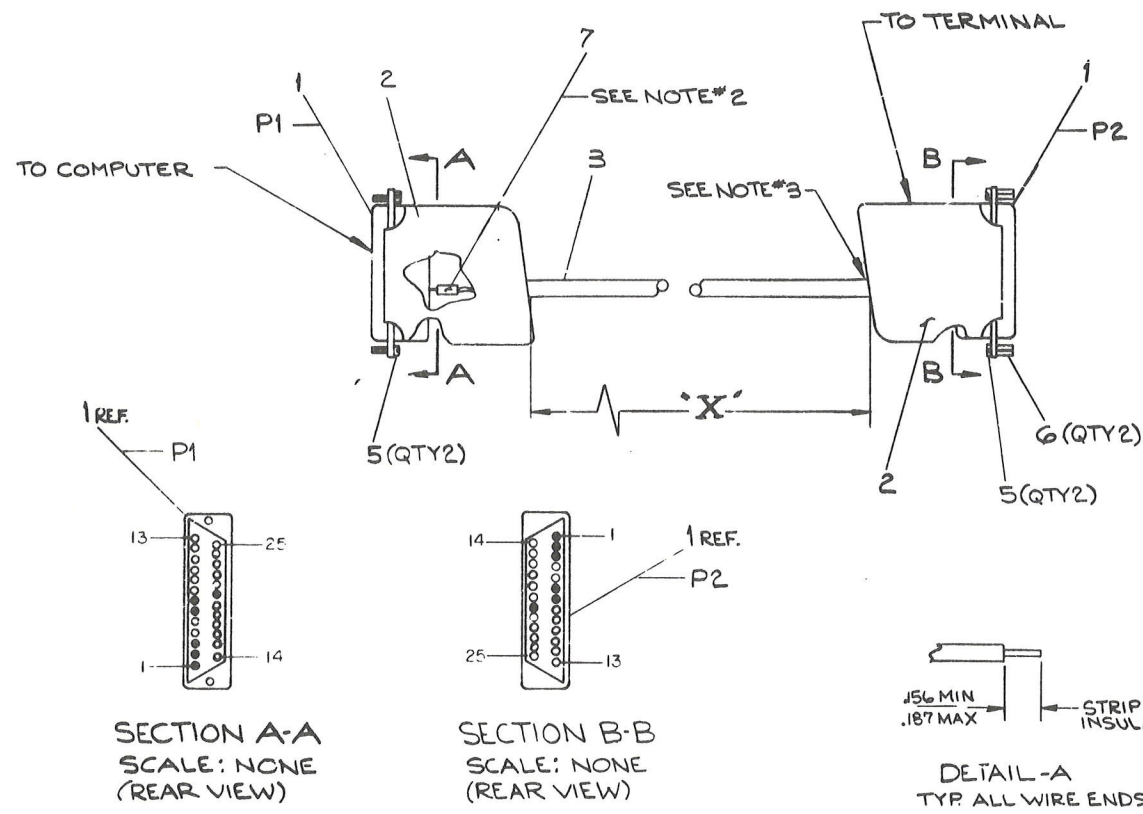


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WIRE TABLE							
ITEM NO.	AWG	COLOR	CONNECTION FROM	WITH	CONNECTION TO	WITH	REMARKS
3	22	BLK	PI-7 NOTE #4	4	P2-7 NOTE #4	4	
3		RED	PI-2	8	P2-3	8	
3		SHIELD	PI-1 NOTE #2&4	4&7	P2-1 NOTE #2	4&7	
3		BLK	PI-7 NOTE #4	4	P2-7 NOTE #4	4	
3		WHT	PI-3	8	P2-2	8	
3		SHIELD	PI-1 NOTE #2&4	4&7	P2-1 NOTE #2	4&7	
3		BLK	PI-6	8	P2-20	8	
3		GRN	PI-20	8	P2-6	8	
3	22	SHIELD	SEE NOTE #3	-	SEE NOTE #3	-	

LEGEND		
NUMBER	VARIATION	REMARKS
	DIM'S 'X'	
BC03M-01	1FT.	PREASSEMBLED
BC03M-25	25FT.	PREASSEMBLED
BC03M-A0	100FT.	PREASSEMBLED
BC03M-B5	250FT.	PARTIALLY ASSEMBLED
BC03M-E0	500FT.	PARTIALLY ASSEMBLED
BC03M-L0	1000FT.	PARTIALLY ASSEMBLED
BC03M-H5	750FT.	PARTIALLY ASSEMBLED

- NOTES:**
- VARIATIONS AND LENGTHS SHOWN IN LEGEND ARE STANDARD AND ARE SPECIFIED BY NUMERIC DESIGNATION IN FOOT INCREMENTS, THE TOLERANCE ON DIMENSION 'X' WILL BE ± 2% OF THE FOOT INCREMENT.
  - DRAIN WIRES TO BE ENCLOSED WITH ITEM #7 (TUBING) FROM END OF CABLE JACKET TO POINT WHERE THEY ENTER CONTACT.
  - CUTBACK DRAIN WIRE TO OUTER INSULATION ON BOTH ENDS.
  - THERE ARE TWO WIRES INSTALLED IN EACH #18-20 GA CONTACT (ITEM #4)
  - USE INSERTION/EXTRACTION TOOL (ITEM #9) TO CONSTRUCT CABLE. THIS PIECE IS DISCARDED AFTER USE.
  - 1 FOOT, 25 FOOT AND 100 FOOT CABLES ARE PREASSEMBLED. ALL OTHERS ARE PARTIALLY ASSEMBLED.
  - STEPS 1 THRU 4 ARE FOR CABLE LENGTHS OVER 100 FT.
- REFERENCE INFORMATION**
- USE CRIMP TOOL TYPE M22520/1-01 WITH THIBS LOCATOR
- CABLES OVER 100 FT ARE TO BE STOCKED IN KIT FORM AS FOLLOWS  
 PUT ITEMS 1, 2, 5, 6, 9 AND 1 (ONE) COPY OF THIS PRINT INTO PLASTIC BAG (ITEM #10) FOLD OVER CABLE (ITEM #3) AND STAPLE TOGETHER.
8. REMOVE ITEM 6 FOR CONNECTION TO UNITS WITHOUT CABLES I.E. VT05, VT100, ETC.

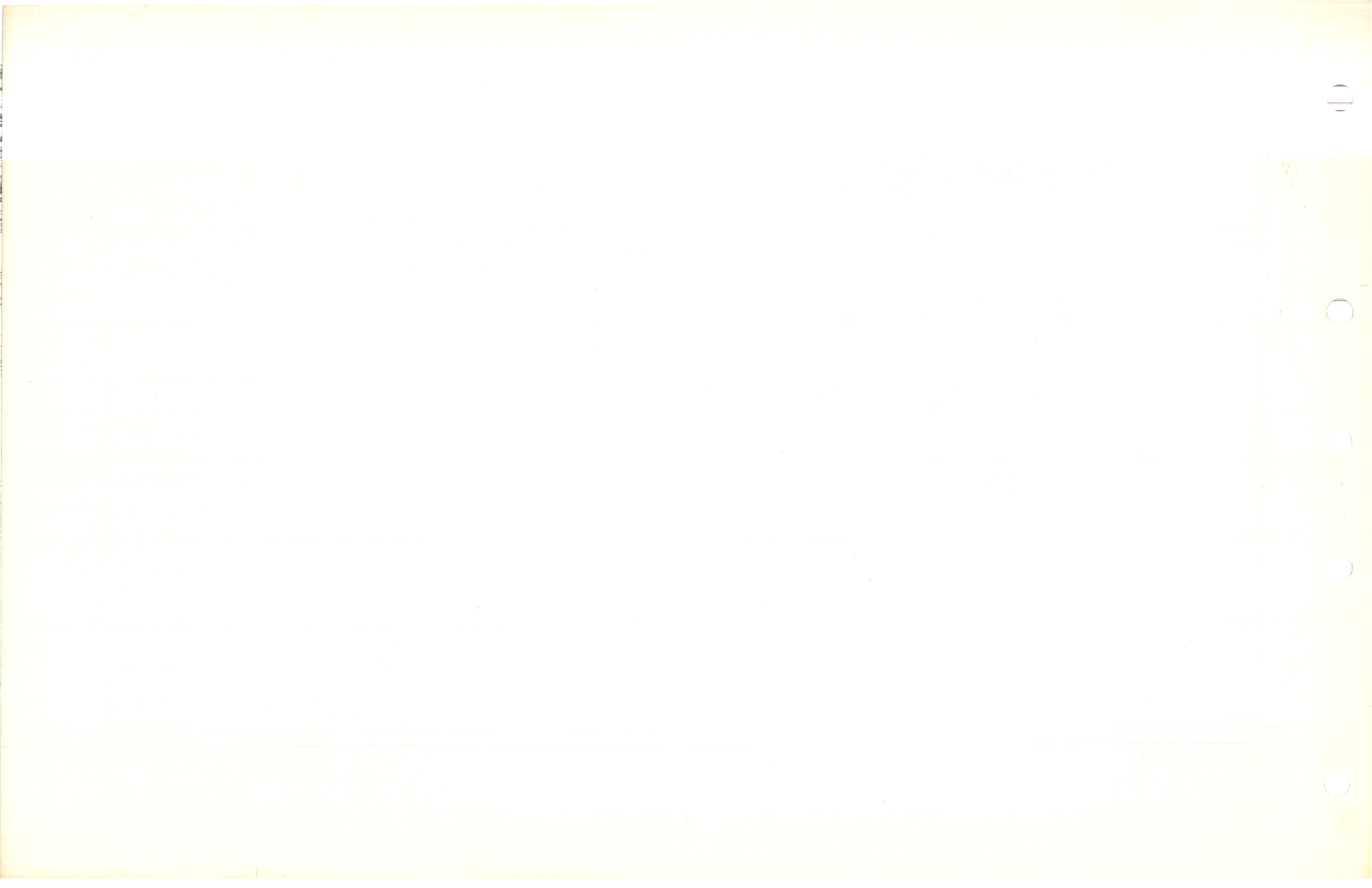


QTY	DESCRIPTION	DWG. PART NO.	ITEM NO.
13	WIRE #14 AWG (2FT 6 IN LG)	9107370-00	13
12	TAPE (ROLL)	9009507	12
11	TUBING (HEAT SHRINK)	9107252-00	11
10	BAG, PLASTIC	9905129-21	10
9	TOOL, INSERT/EXTRACT	4700024	9
8	SOCKET #22	1212583-0	8
7	TUBING #18 GA (NAT)	9107278-11	7
6	SPACER #4-40 X .25 LG.	9008498	6
5	SCR. RETAINER (MALE)	9009722	5
4	SOCKET #18-20	1212583-1	4
3	CABLE	9107723	3
2	HOOD	1210493-50	2
1	PLUG	1211354	1

THIRD ANGLE PROJECTION		DRN. [Signature] FIRST USED ON [Date]	
REMOVE BURRS AND BREAK SHARP CORNERS		CHG. [Signature] [Date]	
DO NOT SCALE DWG		PROJ. [Signature] [Date]	
MATERIAL SEE PARTS LIST		NEXT HIGHER ASSY.	
FINISH [Symbol]		SCALE 1/1	
SHEET 1 OF 1		DIST. [Symbol]	
SIZE CODE D IA BC03M-0-0		NUMBER [Symbol]	
REV. D		[Symbol]	

REV.	DESCRIPTION	DATE
A	REVISED TO 10-21-75	10-21-75
B	REVISED TO 11-17-75	11-17-75
C	REVISED TO 12-02-75	12-02-75
D	REVISED TO 12-02-75	12-02-75





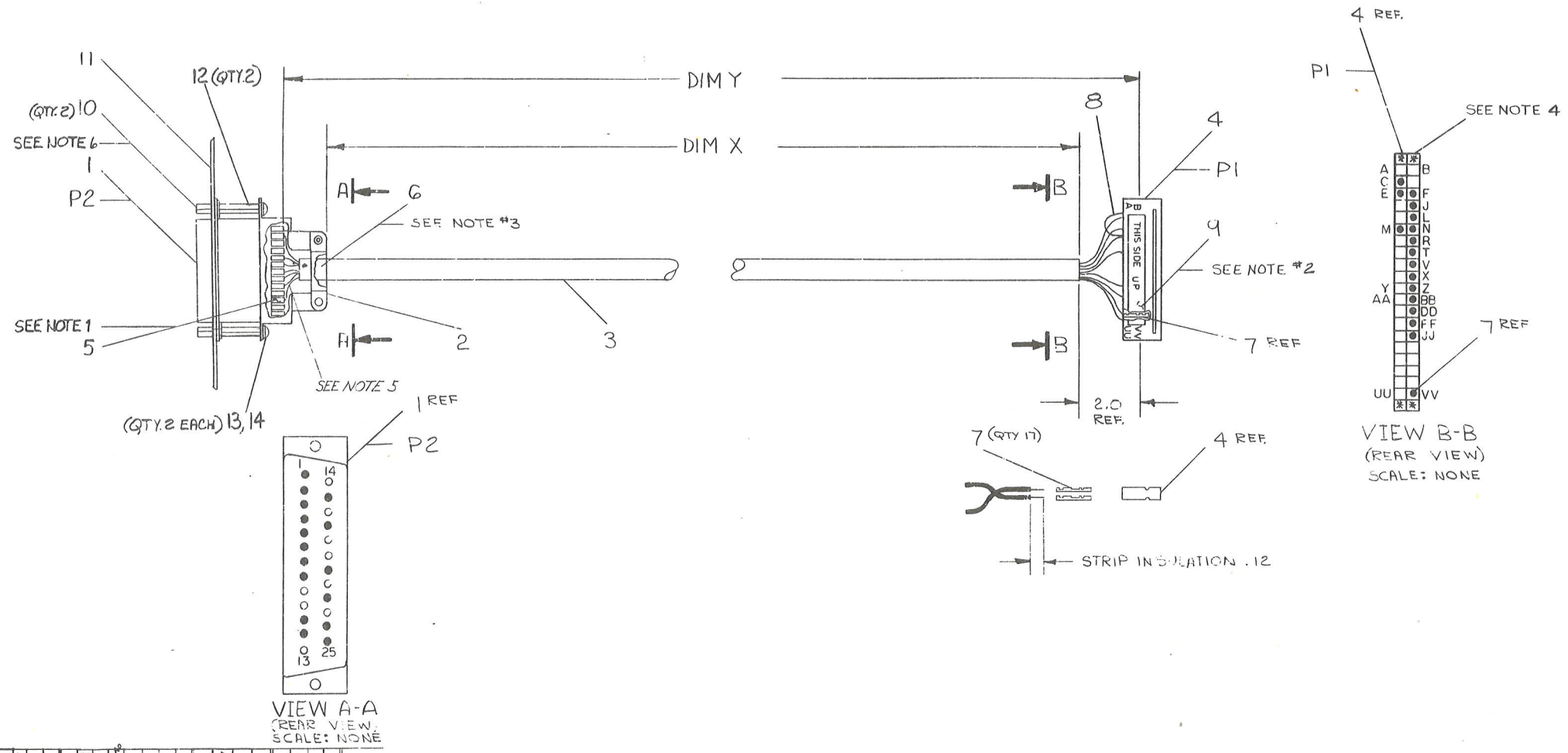


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WIRE TABLE						
ITEM NO	AWG	COLOR	CONNECTION	WITH	CONNECTION	WITH
3	22	BLK	PI-VV	7	P2-7	SOLDER
		GRN/WHT	PI-C		P2-25	
		GRN/BLK	PI-JJ		P2-12	
		ORN/BLK	PI-FF		P2-11	
		RED	PI-DD		P2-20	
		GRN	PI-BB		P2-8	
		BLU/WHT	PI-Z		P2-6	
		ORN	PI-X		P2-22	
		ELU	PI-V		P2-4	
		WHT	PI-T		P2-5	
		BLU/BLK	PI-R		P2-17	
		BLK/WHT	PI-N		P2-15	
		RED/WHT	PI-L		P2-24	
		WHT/BLK	PI-J		P2-3	
3		RED/BLK	PI-F		P2-2	SOLDER
8		BLK	PI-E	7	PI-M	7
8	22	BLK	P2-1	SOLDER	P2-7	SOLDER

LEGEND		
NUMBER	VARIATION	
	DIM "X"	DIM "Y" PRECUT
BC03L-10	10FT ± 2IN	10FT, 5IN
BC03L-5	5FT ± 2IN	5FT, 5IN
BC03L-1K	1FT 9IN ± 1IN	2FT

- NOTES
- EACH SOLDERED CONN ON P2 SHALL BE INSULATED WITH A .25 PIECE OF SHRINK TUBING (ITEM #5).
  - PLACE ITEM #9 (THIS SIDE UP STICKER) ON LETTERED SIDE OF ITEM #4 (CONN HOUSING) AS SHOWN.
  - FOR STRAIN RELIEF WRAP 2 TURNS OF TAPE (ITEM #6) AROUND CABLE (ITEM #3) AS SHOWN.
  - PINS MARKED \* IN VIEW B-B ARE NOT USABLE.
  - WIRES COMING FROM CENTER OF PLUG CONN. SHOULD BE 5/8" LG. ALL OTHERS SHOULD BE CONFINED INTO HOOD OF CONN. SO THAT THEY'RE NOT BUNCHED.
  - PLACE LOCK WASHER (SUPPLIED WITH ITEM #10) BETWEEN SPACER AND CONNECTOR FLANGE. DISCARD NUT (QTY. 2) SUPPLIED WITH ITEM #10.



QTY	DESCRIPTION	DWG PART NO.	ITEM NO.
2	WASHER, LOCK #4	9006688	14
2	SCR, PHL PAN HD #4-40 X .25	9008301-1	13
2	SPACER, THREADED, HEX	9008833	12
1	PLATE, CONN. MTG.	3-MD-7419277-0-0	11
2	SCREW LOCK ASSY	9008451-00	10
1	LABEL (THIS SIDE UP)	321567	9
3IN	WIRE, STRANDED #22AWG IPVC (BLK)	9107350-00	8
17	SOCKET, CRIMP	1210084-07	7
A/R	TAPE, DOUBLE SIDED .50 W.D.	9007834	6
16	TUBING, HEAT SHRINK .12	9107255-09	5
1	CONN, 44 POS, HSG.	1210918-15	4
A/R	CABLE, 15 COND, 22AWG.	9107672-00	3
1	HOOD, CONN.	1212516-00	2
1	CONNECTOR, PLUG, FILTERED	1214031-00	1

REV.	CHANGE NO.	DATE	BY	CHKD
A	1	10-13-75	B. SAMPSON	
B	2	10-13-75	B. SAMPSON	
C	3	10-13-75	M. ELEWANDOWSKI	
D	4	10-13-75	R. SAMPSON	
E	5	10-13-75	I. ORR	
F	6	10-13-75	I. ORR	
G	7	10-13-75	I. ORR	

QUANTITY & VARIATION		THIRD ANGLE PROJECTION		FIRST USED ON	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	ANGLES 45° 90°	REMOVE BURRS AND BREAK SHARP CORNERS	DO NOT SCALE DWG	digital	
SURFACE QUALITY IN MICRONS	CLASS OF ACCURACY (CHECK ONE)	NEXT HIGHER ASSY.		TITLE: FILTERED CABLE ASSY. BC03L	
MEDIUM <input type="checkbox"/>	PREFERRED <input type="checkbox"/>	MATERIAL: ---		SIZE CODE: DUA	
		FINISH: ---		NUMBER: BC03L-10-0	
		SCALE: 1:1		REV. E	
		SHEET 1 OF 1		DIST. ---	



12 737

50

175610

1

1140 CSR

1244 UCT 1

1250 CSR 2

1252 100001 program UDUC??