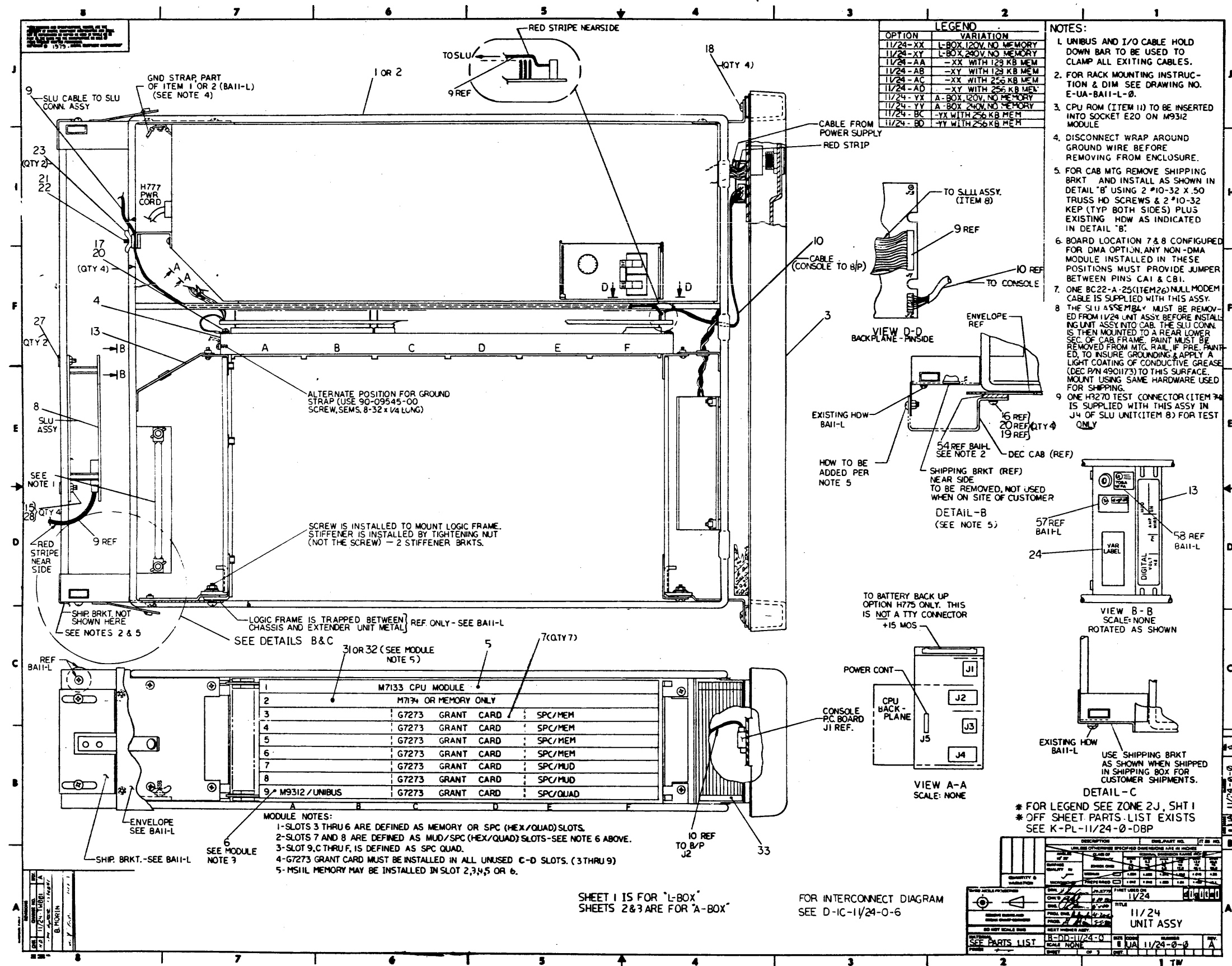
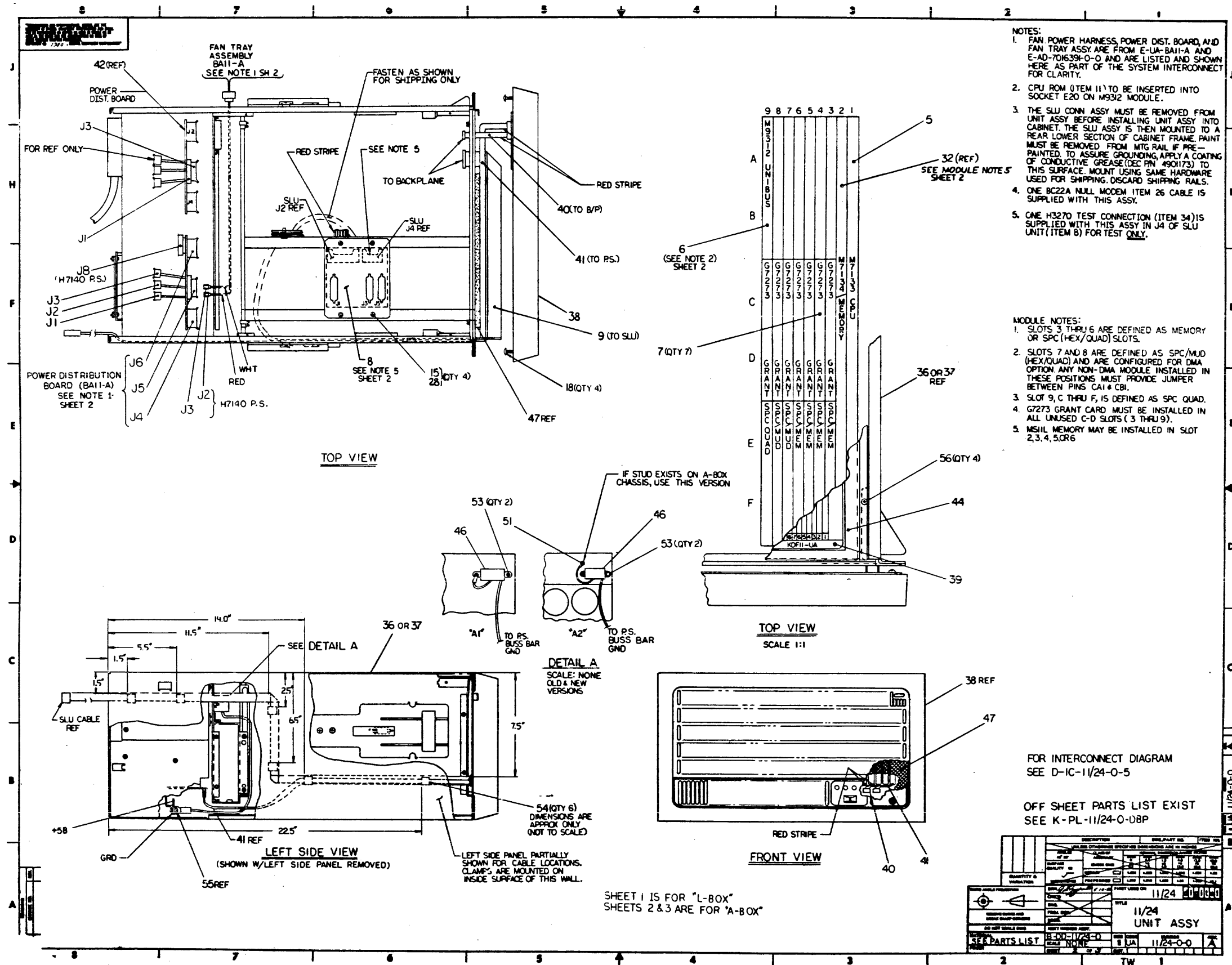
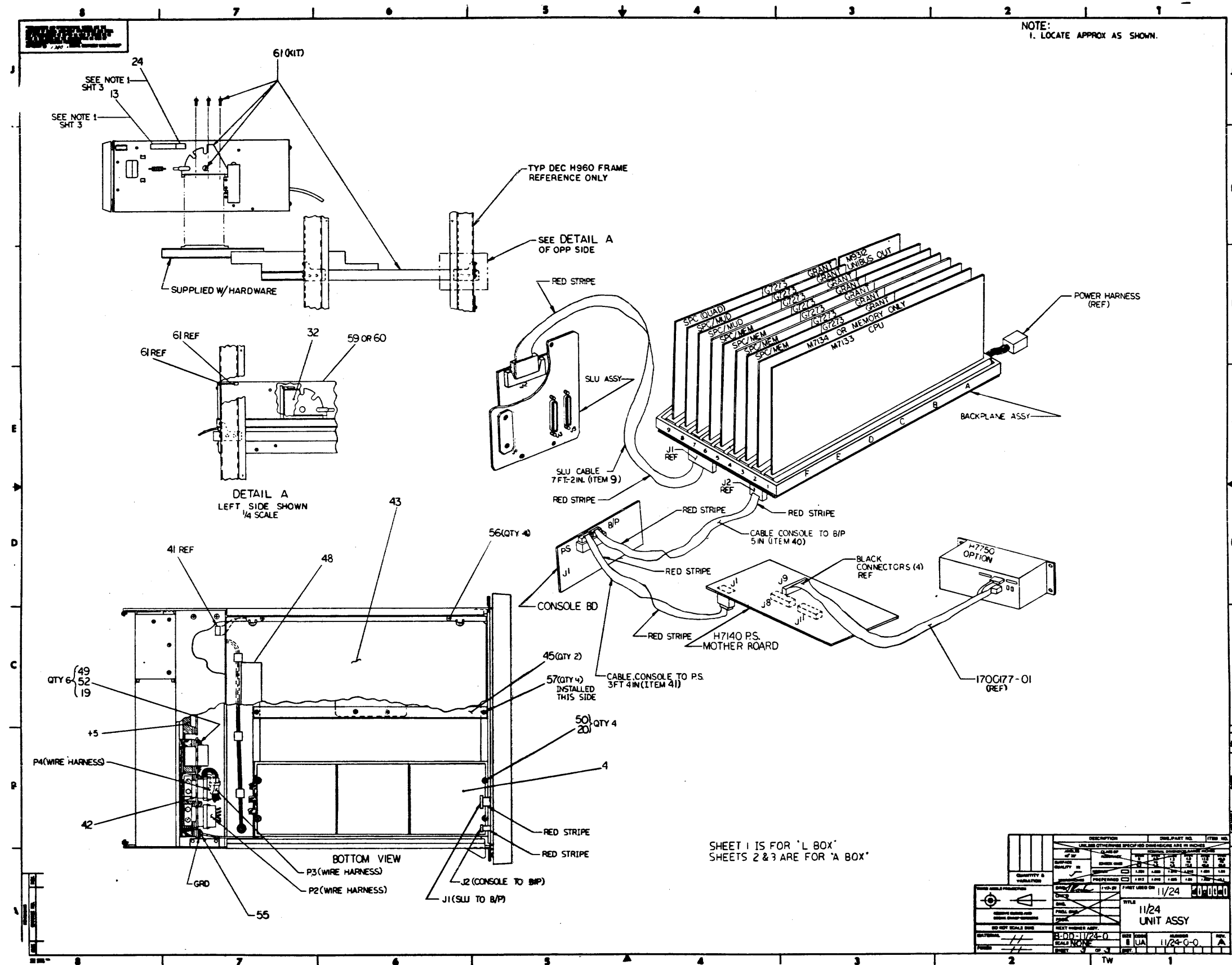


"THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © DIGITAL EQUIPMENT CORPORATION."

TV







LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION								YX	YY	BC	BD
					XX	XY	AA	AB	AC	AD						
1	1	E-UA-BA11-L-0	OBA11-LX	5.25" BOX W H777-UA PS,120V	1	0	0	0	0	0	0	0	0	0	0	0
2	2	E-UA-BA11-L-0	OBA11-LY	5.25" BOX W H777-UB PS,240V	0	1	0	0	0	0	0	0	0	0	0	0
3	3	E-AD-7016958-0-0	7016958-03	11/25 5.25 CONSOLE ASSY.	1	1	0	0	0	0	0	0	0	0	0	0
4	4	D-AD-7016905-0-0	7016905-00	1124-L BACKPLANE ASSY.	1	1	0	0	0	0	1	1	0	0	0	0
5	5	D-IA-M7133-0-0	M7133-00	11/24 C.P.U.	1	1	0	0	0	0	1	1	0	0	0	0
6	6	D-UA-M9312-0-0	M9312-00	BOOTSTRAP TERMINATOR W 5 EMPTY R	1	1	0	0	0	0	1	1	0	0	0	0
7	7	D-UA-G7273-0-0	G7273-00	BUS GRANT & NON-PROCESSOR GRANT	7	7	0	0	0	0	7	7	0	0	0	0
8	8	D-AD-7017466-0-0	7017466-02	SLU ASSY. (2 SERIAL LINES)	1	1	0	0	0	0	1	1	0	0	0	0
9	9	D-IA-7012214-0-0	7012214-07	CABLE (SLU)	1	1	0	0	0	0	1	1	0	0	0	0
10	10	D-IA-7016962-0-0	7016962-00	CABLE ASSY B/P TO CONSOLE	1	1	0	0	0	0	0	0	0	0	0	0
11	11		23774F1-00	F1-01	1	1	0	0	0	0	1	1	0	0	0	0
12	13	A-DC-3615180-0-0	3615180-00	LABEL,SERIAL TAG FOR TYPEWRITER	1	1	0	0	0	0	1	1	0	0	0	0
13	14	A-PS-3700197-0-0	3700197-00	INSTR PKG COMPUTER PDF11/04 INTE	1	1	0	0	0	0	0	0	0	0	0	0
14	15		9006071-01	SCREW,PAN,PHIL 10-32X 3/8 SS	4	4	0	0	0	0	4	4	0	0	0	0
15	16		9006037-03	SCREW,TRUS,PHIL, 8-32X 3/8	0	0	REF	REF	REF	REF	0	0	0	0	0	0
16	17		9006043-01	SCREW,PAN,PHIL 8-32X1 SS	4	4	0	0	0	0	0	0	0	0	0	0
17	18		9006075-03	SCREW,TRUS,PHIL, 10-32X 3/4	4	4	0	0	0	0	4	4	0	0	0	0
18	19		9006660-00	WASHER, FLAT, .375 O.D. X .187 I	0	0	REF	REF	REF	REF	6	6	0	0	0	0
19	20		9008072-00	WASHER, LOCK, EXTERNAL TOOTH #8	4	4	REF	REF	REF	REF	4	4	0	0	0	0
20	21	B-IA-7423591-0-0	7423591-00	CABLE, CLAMP BASE	1	1	0	0	0	0	0	0	0	0	0	0
21	22	B-MD-7423592-0-0	7423592-00	BAR CABLE CLAMP	1	1	0	0	0	0	0	0	0	0	0	0
22	23		9009711-00	NUT,WING , 6-32X 1/2 AF X 7	2	2	0	0	0	0	0	0	0	0	0	0
23	24	A-DC-3615946-0-0	3615946-00	LABEL,PRODUCT VARIATION	0	0	1	1	1	1	0	0	1	1	1	1
24	25	A-PS-3700061-0-0	3700061-00	INSTR PKG COMPUTER 11/05 OLD STY	0	0	1	1	1	1	0	0	0	0	0	0
25	26	B-PL-BC22A-0-0	BC22A-25	BC22A-10 EXCEPT 25 FT	0	0	1	1	1	1	0	0	1	1	1	1
26	27	C-MD-7424589-0-0	7424589-00	BRACKET SHIPPING SLU	2	2	0	0	0	0	0	0	0	0	0	0
27	28		9006565-00	NUT,KEP , 10-32X 3/8 AF	4	4	0	0	0	0	4	4	0	0	0	0
28	29	E-UA-11/24-0-0	11/24-XX	KDF11-UA,BA11-LX,M9312,120V	0	0	1	0	1	0	0	0	0	0	0	0
29	30	E-UA-11/24-0-0	11/24-XY	KDF11-UA,BA11-LY,M9312,240V (NO	0	0	0	1	0	1	0	0	0	0	0	0
30	31	D-UA-MS11-L-0	OMS11-LB	MS11-LB 64K 18 BIT MOS MEM W PAR	0	0	1	1	0	0	0	0	0	0	0	0

REVISION HISTORY			BASIC PART NO: 11/24		DRN: MARK CARROLL		DATE: 23-APR-80		D I G I T A L							
ENG	ECO NUMBER	REV	SECTION A OF A		CHK'D: R.J.RILEY		DATE: 23-APR-80		TITLE PARTS LIST							
---	INITIAL	*	SECTION. VARIATION INDEX		CHK'D: R.J.RILEY		DATE: 23-APR-80		11/24 UNIT ASSEMBLY							
---	INITIAL	*	[A] XX,XY,AA,AB,AC,AD,													
BM	11/24-TW001	A	YX,YY,BC,BD		DES.ENG.: R. MORIN		DATE: 23-APR-80									
BM	11/24-TW001	A	[B]						DOCUMENT NUMBER							
			[C]		RESP.ENG.: R.GRUDA		DATE: 23-APR-80									
			[D]						SIZE CODE NUMBER REV							
			[E]		MFG.ENG.: G. ABREU		DATE:		K PL 11/24-0-DBP A							
			[F]		ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME: EDIT #							
					E-UA-11/24-0-0		B-DD-11/24-0-0		Z0699.PLS 22							

"THIS DRAWING AND SPECIFICATIONS HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION.
COPYRIGHT (C) 1981. DIGITAL EQUIPMENT CORPORATION"

TW

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION										BC	BD
					XX	XY	AA	AB	AC	AD	YX	YY				
31	32	D-UA-MS11-L-0	OMS11-LD	MS11-LD 128K 18 BIT MOS MEM W PA	0	0	0	0	1	1	0	0	1	1		
32	33	A-PS-3618175-0-0	3618175-01	LABEL-MODULE UTIL.	1	1	0	0	0	0	0	0	0	0		
33	34	C-UA-H3270-0-0	H3270-00	TEST CONNECTOR	1	1	0	0	0	0	1	1	0	0		
34	35	BLANK		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-		
35	36	E-UA-BA11-A-0	OBA11-AA	10.5"BOX,H7140-AA PS,120V LINE C	0	0	0	0	0	0	1	0	0	0		
36	37	E-UA-BA11-A-0	OBA11-AB	10.5"BOX,H7140-AB PS,240V LINE C	0	0	0	0	0	0	0	1	0	0		
37	38	E-AD-7016958-0-0	7016958-01	11/24 10.25 CONSOLE ASSY.	0	0	0	0	0	0	1	1	0	0		
38	39	A-PS-3618176-C-0	3618176-01	LABEL,MODULE UTIL.	0	0	0	0	0	0	1	1	0	0		
39	40	D-AD-7011411-0-0	7011411-0F	CABLE CONSOLE BACKPLANE	0	0	0	0	0	0	1	1	0	0		
40	41	D-AD-7011411-0-0	7011411-3D	CABLE, CONSOLE BACKPLANE	0	0	0	0	0	0	1	1	0	0		
41	42	D-UA-5413815-0-0	5413815-00	POWER DIST. BOARD ASSY.	0	0	0	0	0	0	1	1	0	0		
42	43	D-AD-7016479-0-0	7016479-00	BOTTOM COVER ASSY.	0	0	0	0	0	0	1	1	0	0		
43	44	D-MD-7421614-0-0	7421614-00	TOP COVER	0	0	0	0	0	0	1	1	0	0		
44	45	D-MD-7424842-0-0	7424842-00	RAIL,SLU,SHIPPING	0	0	0	0	0	0	2	2	0	0		
45	46	C-PS-1213304-0-0	1213304-00	FILTER,LINE 100UH,1000HMS	0	0	0	0	0	0	1	1	0	0		
46	47	A-PS-1216271-0-0	1216271-00	FILTER,FOAM 7.5 X 16.5	0	0	0	0	0	0	1	1	0	0		
47	48	A-DC-3615087-0-0	3615087-02	LABEL,"DANGER-HIGH CURRENT"	0	0	0	0	0	0	1	1	0	0		
48	49		9006039-01	SCREW,PAN,PHIL 8-32X 1/2 SS	0	0	0	0	0	0	6	6	0	0		
49	50		9006043-03	SCREW,TRUS,PHIL, 8-32X 1	0	0	0	0	0	0	4	4	0	0		
50	51		9006563-00	NUT,KEP , 8-32 X11/32AF	0	0	0	0	0	0	1	1	0	0		
51	52		9006690-00	WASHER, LOCK, S.S. #8	0	0	0	0	0	0	6	6	0	0		
52	53		9008185-00	NUT,KEP , 6-32X1/4 AF	0	0	0	0	0	0	2	2	0	0		
53	54		9009636-00	CLAMP, CABLE, FOR FLAT CABLE	0	0	0	0	0	0	6	6	0	0		
54	55		9009642-00	SCREW,PAN,PHIL,SEMS 8-32X 1/4	0	0	0	0	0	0	1	1	0	0		
55	56		9009701-00	SCREW,PAN,PHIL,SEMS 6-32X 5/1	0	0	0	0	0	0	8	8	0	0		
56	57		9009545-00	SCREW,PAN,PHIL,SEMS 8-32X 1/4	0	0	0	0	0	0	4	4	0	0		
57	58	BLANK		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-		
58	59	E-UA-11/24-YX-0	11/24-YX	KDF11-UA,BA11-AA,M9312,120V (NO	0	0	0	0	0	0	0	0	1	0		
59	60	E-UA-11/24-YY-0	11/24-YY	KDF11-UA,BA11-AB,M9312,240V (NO	0	0	0	0	0	0	0	0	0	1		
60	61	K-PL-7018133-0-DBP	7018133-00	BA11 SLIDE KIT	0	0	0	0	0	0	0	0	1	1		
61	62	A-SP-3700472-0-0	3700472-00	INSTR PKG COMPUTER(BA11-A)	0	0	0	0	0	0	1	1	0	0		
62	63	BLANK		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-		

D I G I T A L										TITLE									
										11/24 UNIT ASSEMBLY									
										SECTION A OF A									
										SIZE CODE DOCUMENT NUMBER REV									
										K PL 11/24-0-DBP A									

TW

DIGITAL EQUIPMENT CORPORATION PARTS LIST				QUANTITY / VARIATION												NOTES: RELEASED AT A "B" REV.			
MADE BY A. ROCHA DATE 10-DEC-80		CHECKED <i>RRM</i> DATE 15 JAN 81		SECTION		11/24-AA	11/24-AB	11/24-AC	11/24-AD	11/24-BC	11/24-BD								
ENG <i>RRM</i> DATE 15 JAN 81		PROD <i>J. J. J.</i> DATE 1-15-81		ISSUED SECTION															
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION																REF DESIGNATION
1	EK-11-024-TM-001		PDP 11/24 SYSTEM TECH MANUAL	1	1	1	1	1	1										
2		MP00672	MS11-L PRINT SET	1	1	1	1	1	1										
3	EK-MS11L-UG-001		MS11-L MOS MEMORY USERS GUIDE	1	1	1	1	1	1										
4	B-TC-11/24-0-1	MP01018	FIED MAINT PRINT SET	1	1	1	1	1	1										
5	ZJ013-FR ZJ013-PB		11/24 BASIC CPU KIT (FICHE) 11/24 BASIC CPU KIT (PAPERTAPE)	1	1	1	1	1	1										
6	A-PS-1700163-00	(SHEET 6 & 7 ONLY)	BC22A-25 PRINT SET	1	1	1	1	1	1										
7	EK-M9312-TM		TECH MANUAL (M9312)	1	1	1	1	1	1										
8		MP00617	M9312 PRINT SET	1	1	1	1	1	1										
9	EK-BA11L-MM-PRE		BA11-L MAINT. MANUAL	1	1	1	1	-	-										
10	EK-BA11A-TM-001		BA11-A USER'S GUIDE	-	-	-	-	1	1										
11	A-SP-H7750-0-3		BATTERY BACK-UP INSTALLATION	-	-	-	-	1	1										
12	A-SP-BA11-AJ-03		CONVERSION KIT (120V-240V)	-	-	-	-	1	1										
E.C.O. NO. 11/24-TW001																			
"THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1980 DIGITAL EQUIPMENT CORPORATION"				TITLE 11/24 SOFTWARE LIST				ASSY NO. E-UA-11/24-0-0				SIZE B	CODE PL	NUMBER 11/24-0-3		REV. A			
								SHEET 1 OF 1				INSERTION PARTS LIST DATA BASE REV							

DIGITAL EQUIPMENT CORPORATION PARTS LIST				QUANTITY / VARIATION												NOTES:					
MADE BY DATE		A. ROCHA 10-DEC-80		CHECKED <i>R. Rocha</i> DATE <i>15 JAN 81</i>		SECTION														ITEMS 1 THRU 4 MOUNT L-BOX ENVELOPE TO CABINET REAR RAILS AND ITEM 5 AND 6 MOUNT ENVELOPE TO CABINET FRONT RAILS.	
ENG DATE		R. MORIN <i>ROM</i> 12-NOV-80		PROD <i>A. S. Luperon</i> DATE <i>1-15-81</i>		ISSUED SECTION														REF DESIGNATION	
ITEM NO.		DRAWING NO.		PART NO.		DESCRIPTION															
1		B-MD-7418259-0-0		7418259-00		SPACER ENCLOSURE		4													
2				9006037-03		SCREW, TR HD, PN 8.32x.38LG		4													
3				9006660-00		WASHER, FLAT NO. 8		4													
4				9008072-00		WASHER, LOCK, EXT TH. NO. 8		4													
5				9006071-03		SCREW, TR HD, PH, 10-32x.38LG		4													
6				9007786-00		RETAINER, U-NUT, 10-32		4													
						(BAG & TAG KIT FORM)															
E.C.O. NO. 11/24- TW001																					
"THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT ©1980 DIGITAL EQUIPMENT CORPORATION"						TITLE 11/24 HARDWARE KIT LIST						ASSY NO. B-DD-11/24-0		SIZE B	CODE PL	NUMBER 11/24-0-4	REV. A				
												SHEET 1 OF 1		INSERTION PARTS LIST DATA BASE REV							

TW

NOTE: J1, J2, J3, J4 OF BA11-A POWER DISTRIBUTION BD. (54-13632), AND J1 PINS 1-8 AND J2 OF 11/24 POWER DISTRIBUTION BD. (54-13815), TO BE USED FOR EXPANSION.

BA11-A POWER DISTRIBUTION BD
54-13632

POWER SUPPLY
H7140
MOTHER BOARD
54-13615

11/24 POWER DISTRIBUTION BD
54-13815

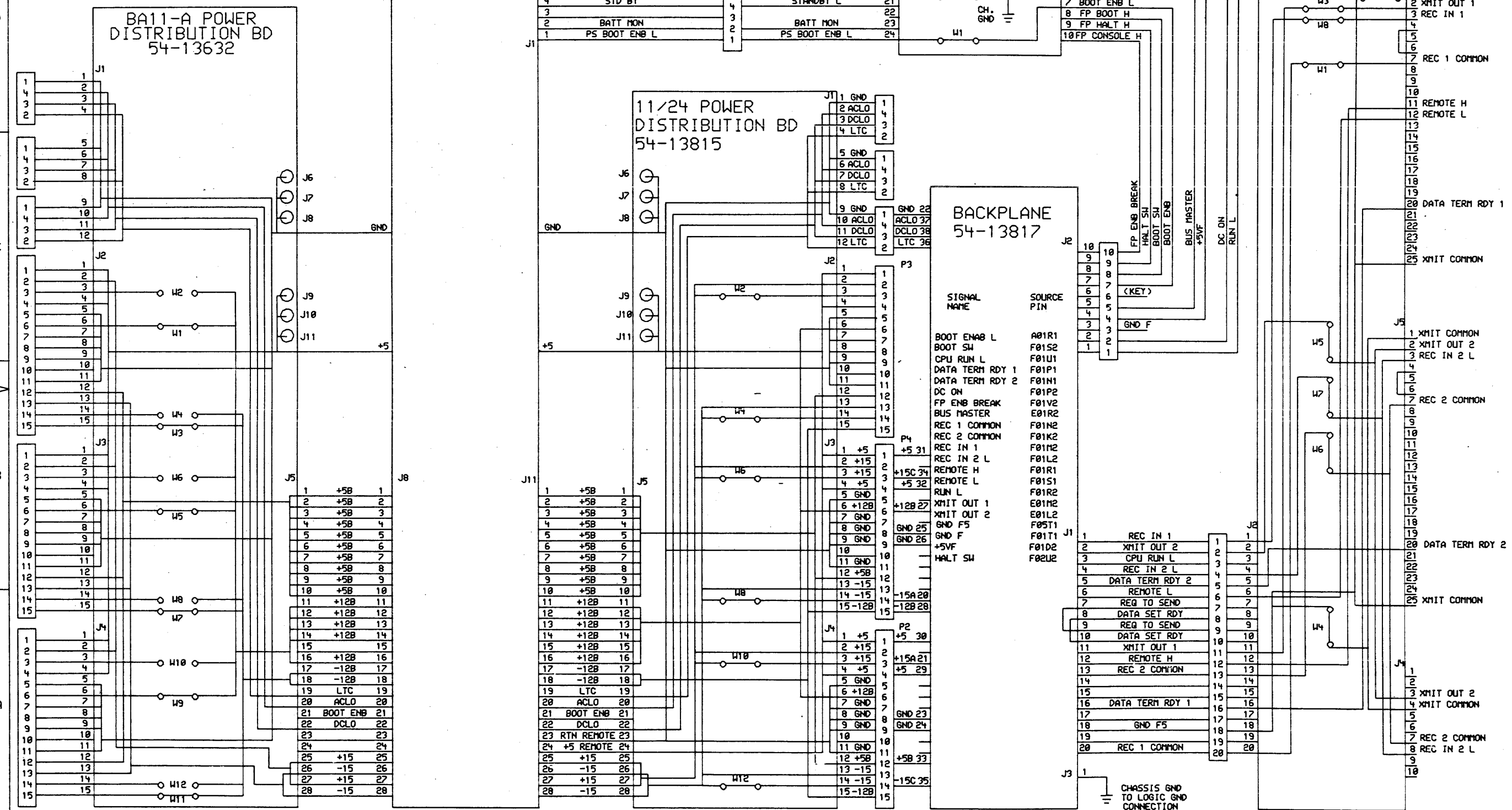
CONSOLE MODULE
54-14441

SLU INTERFACE
54-14218

BACKPLANE
54-13817

SIGNAL NAME	SOURCE PIN
BOOT ENAB L	A01R1
BOOT SW	F01S2
CPU RUN L	F01U1
DATA TERM RDY 1	F01P1
DATA TERM RDY 2	F01N1
DC ON	F01P2
FP ENB BREAK	F01V2
BUS MASTER	E01R2
REC 1 COMMON	F01N2
REC 2 COMMON	F01K2
REC IN 1	F01M2
REC IN 2 L	F01L2
REMOTE H	F01R1
REMOTE L	F01S1
RUN L	F01R2
XMIT OUT 1	E01M2
XMIT OUT 2	E01L2
GND F5	F01T1
GND F	F01D2
+5V	F02U2
HALT SW	

1	REC IN 1	1	1
2	XMIT OUT 2	2	2
3	CPU RUN L	3	3
4	REC IN 2 L	4	4
5	DATA TERM RDY 2	5	5
6	REMOTE L	6	6
7	REQ TO SEND	7	7
8	DATA SET RDY	8	8
9	REQ TO SEND	9	9
10	DATA SET RDY	10	10
11	XMIT OUT 1	11	11
12	REMOTE H	12	12
13	REC 2 COMMON	13	13
14		14	14
15		15	15
16	DATA TERM RDY 1	16	16
17		17	17
18	GND F5	18	18
19		19	19
20	REC 1 COMMON	20	20

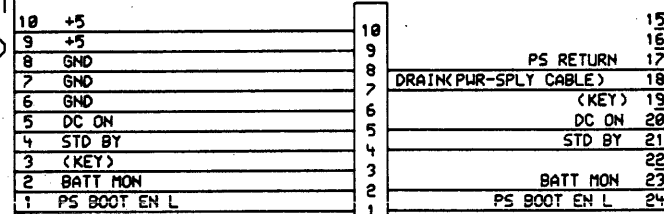


REVISIONS
CHK CHANGE NO. REV
11/24-TNK 01 A
REVISED AND
REL RAVN

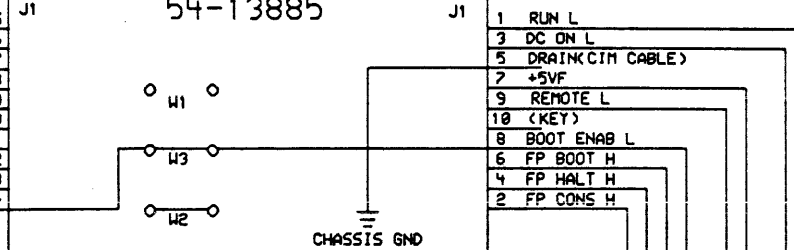
digital	DATE 01-MAR-81	ENG	DATE 01-MAR-81	TITLE: 11/24 INTER-CONNECT DRW
1166.6001 NEUKEN.DRW	02-MAR-81 10:03	BOARD LOCATION:	SHEET 1 OF 1	SIZE CODE D IC
FIRST USED ON OPTION MODEL:	11/24	NEXT HIGHER ASSEMBLY:	NUMBER 11/24-0-5	REV. A

SILVER R. C156.6001 NEUKEN.DRW, SCALE 2, "0" RELEASE BOX
SILVER R. NEUKEN, PLOT 156.6001 J 01-MAR-81 00156

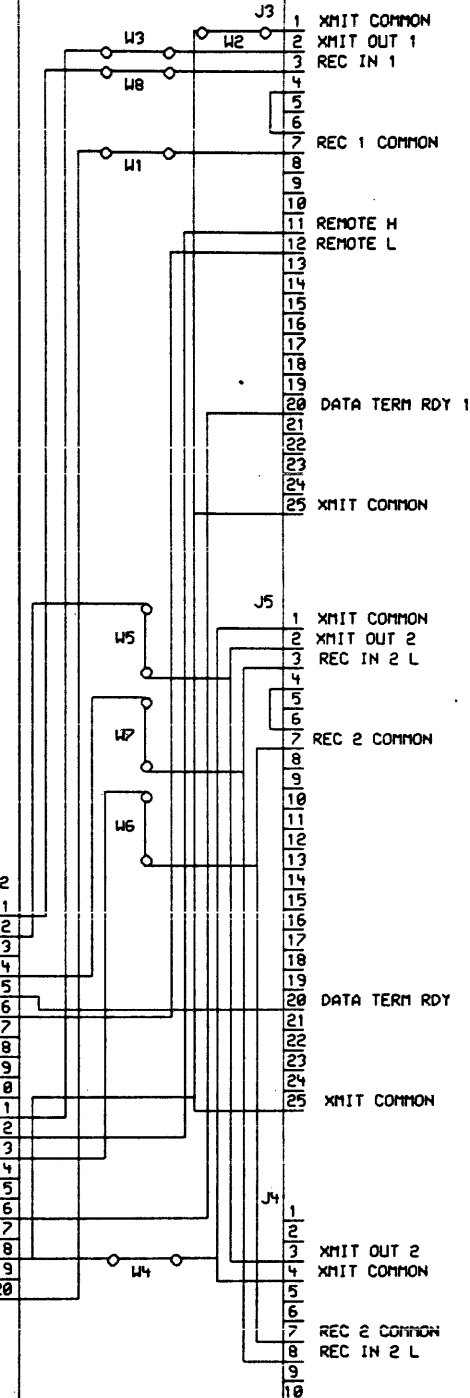
POWER SUPPLY
MOTHER BOARD
54-11597



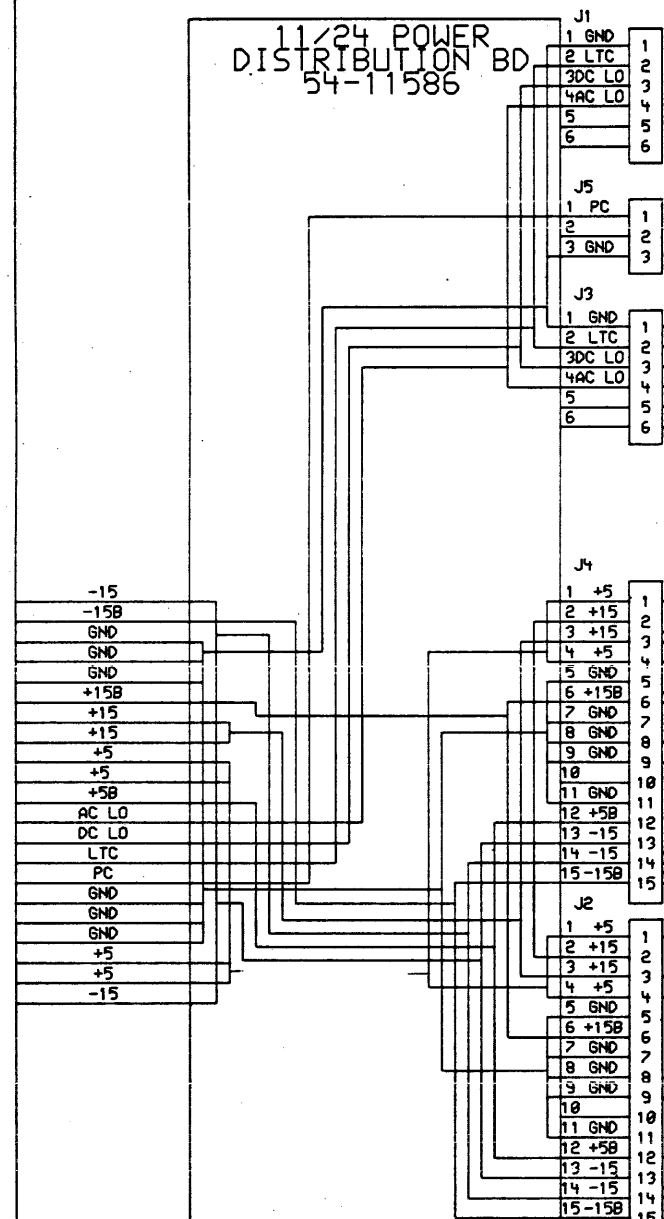
CONSOLE BOARD
54-13885



SLU INTERFACE
54-14218



11/24 POWER
DISTRIBUTION BD
54-11586



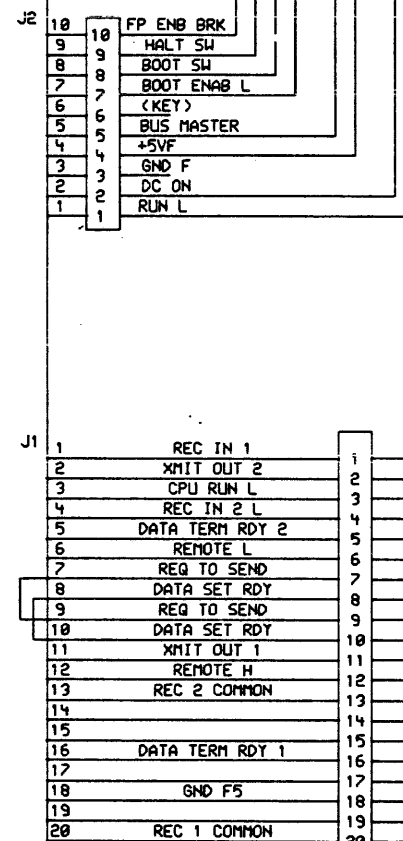
BACKPLANE
54-13817

SIGNAL NAME

BOOT ENB L
BOOT SW
CPU RUN L
DATA TERM RDY 1
DATA TERM RDY 2
DC ON
FP ENB BREAK
BUS MASTER
REC 1 COMMON
REC 2 COMMON
REC IN 1
REC IN 2 L
REMOTE H
REMOTE L
RUN L
XMIT OUT 1
XMIT OUT 2
GND F5
GND F
+5V
HALT SW

SOURCE PIN

A01R1
F01S2
F01U1
F01P1
F01N1
F01P2
F01V2
E01R2
F01N2
F01K2
F01M2
F01L2
F01R1
F01S1
F01R2
E01N2
E01L2
F05T1
F01T1
F01D2
F02U2



digital

DATE 02-MAR-81
DATE 02-MAR-81
DATE 02-MAR-81

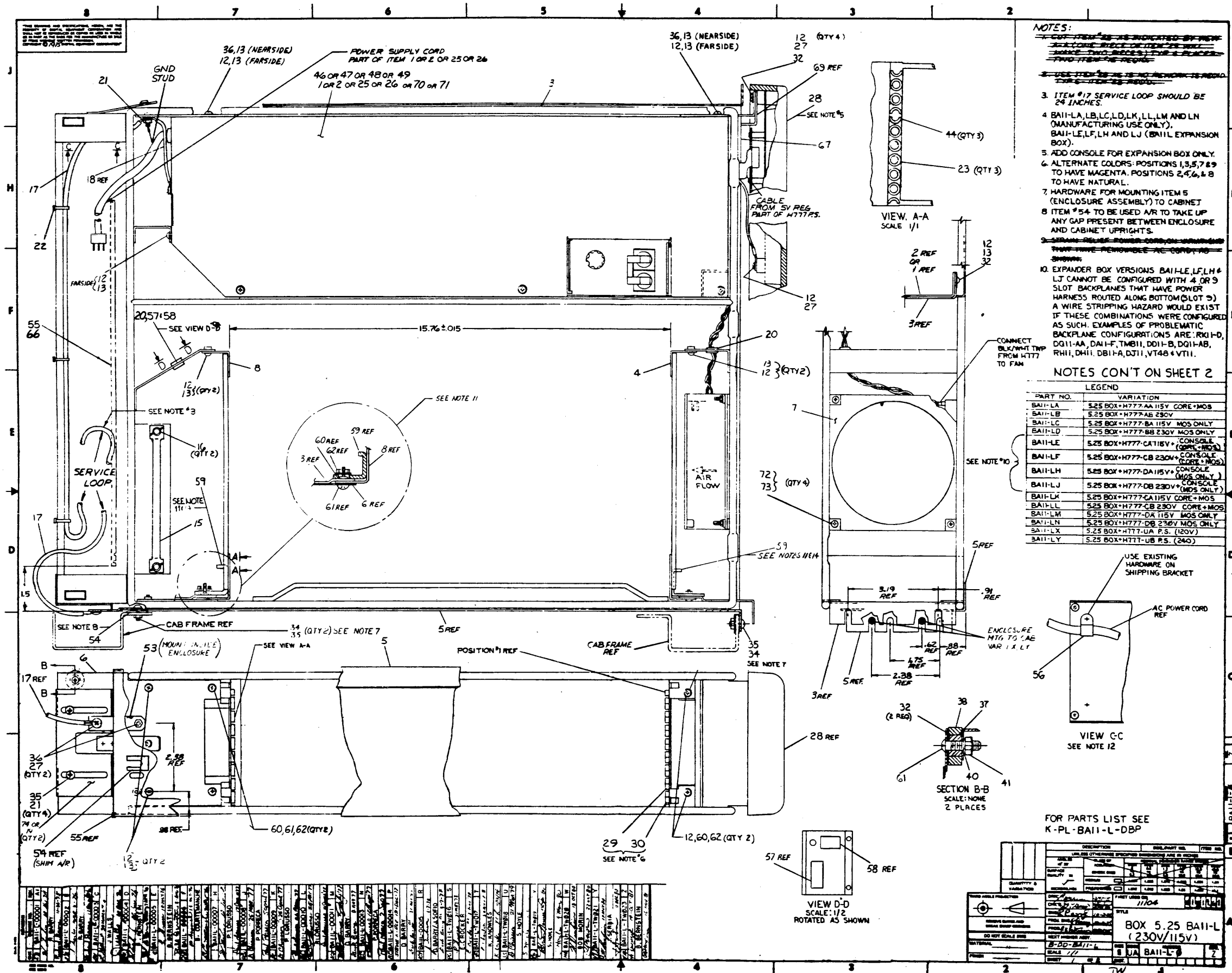
11/24 INTER
CONNECT DRW

REVISIONS

CHK	CHANGE NO.	REV

11/24-TW001 A

REVISED AND
RECRW



AUTOMATED BY FRTLST.3P(44)

P A R T S L I S T

SHEET A1 OF A2

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION												
					LA	LB	LC	LD	LE	LF	LH	LJ	LK	LL	LM	LN	
1	1	E-UA-H777-DA-0	0H777-DA	H777-BA EXCEPT +5V 32A,120V	0	0	0	0	0	0	1	0	0	0	1	0	
		E-UA-H777-DB-0	0H777-DB	H777-BB EXCEPT +5V 32A,240V	0	0	0	0	0	0	0	1	0	0	0	1	
		E-IA-7013038-0-0	7013038-00	CHASSIS ASSY	1	1	1	1	1	1	1	1	1	1	1	1	
		C-IA-7012653-0-0	7012653-00	RIGHT SIDE MODULE FRAME	1	1	1	1	1	1	1	1	1	1	1	1	
		D-AD-7011132-0-0	7011132-00	ENCLOSURE ASSY	1	1	1	1	1	1	1	1	1	1	1	1	
		D-IA-7013039-0-0	7013039-00	EXTENSION CHASSIS ASSY	1	1	1	1	1	1	1	1	1	1	1	1	
		SEE NOTE 15 (ON UA)	1217715-02	FAN, TUBE AXIAL 110V 120CFM 4.5"	1	1	1	1	1	1	1	1	1	1	1	1	
		C-IA-7012846-0-0	7012846-00	LEFT SIDE MODULE FRAME	1	1	1	1	1	1	1	1	1	1	1	1	
		BLANK			0	0	0	0	0	0	0	0	0	0	0	0	
		BLANK			0	0	0	0	0	0	0	0	0	0	0	0	
		BLANK			0	0	0	0	0	0	0	0	0	0	0	0	
			9006037-03	SCREW, TRUS. PHIL, 8-32X 3/8	11	11	11	11	15	15	15	15	11	11	11	11	
			9006634-00	WASHER, LOCK, INT, .2300D X .172ID	14	14	14	14	14	14	14	14	14	14	14	14	
		BLANK			0	0	0	0	0	0	0	0	0	0	0	0	
		B-MD-7413846-0-0	7413846-00	BAR CABLE STRAIN RELIEF	1	1	1	1	1	1	1	1	1	1	1	1	
			9009711-00	NUT WING 6-32X 1/2 AF X 7	2	2	2	2	2	2	2	2	2	2	2	2	
		C-IA-7011412-0-0	7011412-03	CHASSIS GND CABLE [BA11-L]	REF	REF	REF	REF	REF	REF	REF	REF	REF	REF	REF	REF	
		C-IA-7011412-0-0	7011412-0F	CHASSIS GND CABLE [BA11-L]	REF	REF	REF	REF	REF	REF	REF	REF	REF	REF	REF	REF	
		C-MD-7414963-0-0	7414963-00	BRKT SHIPPING & CAB MTG	2	2	2	2	2	2	2	2	2	2	2	2	
			9007015-00	GROMMET, RUBBER	2	2	2	2	2	2	2	2	2	2	2	2	
			9006565-00	NUT, KEP 10-32X 3/8 AF	7	7	7	7	7	7	7	7	7	7	7	7	
			9007031-00	TIE CABLE BUNDL.DIA 0- 3/4"=101	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	
			1211630-00	CARD GUIDE	3	3	3	3	3	3	3	3	3	3	3	3	
		BLANK			0	0	0	0	0	0	0	0	0	0	0	0	
		E-UA-H777-CA-0	0H777-CA	H777-AA EXCEPT +5V 32A,120V	0	0	0	0	0	0	0	0	0	0	0	0	
		E-UA-H777-CB-0	0H777-CB	H777-AB EXCEPT +5V 32A,240V	0	0	0	0	0	0	0	0	0	0	0	0	
			9008072-00	WASHER, LOCK, EXTERNAL TOOTH #8	3	3	3	3	7	7	7	7	3	3	3	3	
		D-AD-7012540-0-0	7012540-00	CONSOLE ASSY EXPANDER BOX	3	3	3	3	7	7	7	7	3	3	3	3	
			1212405-04	CARD GUIDE, NYLON	4	4	4	4	4	4	4	4	4	4	4	4	
			1212405-05	CARD GUIDE, NYLON	5	5	5	5	5	5	5	5	5	5	5	5	

REVISION HISTORY		BASIC PART NO: OBA11		DRN: G. MARINI	DATE: 3-SEP-75	D I G I T A L	
ENG	ECO NUMBER	REV	SECTION A OF B	CHK'D: D. HEALY		TITLE PARTS LIST	
INITIAL		Z	SECTION. VARIATION INDEX	DATE: 30-SEP-75		BOX 5.25 BA11-L (230V/115V)	
			(A) LA, LB, LC, LD, LE, LF,	DES.ENG.: R. BARRY		DOCUMENT NUMBER	
			LH, LJ, LK, LL, LM, LN	DATE: 2-OCT-75		NUMBER	
			(B) LX, LY	RESP.ENG.: R.K. PETERSON		REV	
			(C)	DATE: 2-OCT-75		SIZE CODE	
			(D)	MFG.ENG.: R.K. PETERSON		K PL	
			(E)	DATE: 2-OCT-75		BA11-L-DBP	
			(F)	ASSEMBLY NUMBER:		FILE NAME:	
				E-UA-BA11-L-0		Z3025Z.PLS	
				TOP DOCUMENT NUMBER:		EDIT #	
						7	
"THIS DRAWING AND SPECIFICATIONS HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT (C) 1981. DIGITAL EQUIPMENT CORPORATION"							

AUTOMATED BY PRTLST.3P(44)

P A R T S L I S T

SHEET A2 OF A2

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY	PER	VARIATION	LA	LB	LC	LD	LE	LF	LH	LJ	LK	LL	LM	LN
31		BLANK	9006666-00	WASHER, FLAT, .500 OD X .187 ID	0			0	0	0	0	0	0	0	0	0	0	0	0
32		BLANK	9007786-00	RETAINER, U-NUT, 10-32	10			10	10	10	10	10	10	10	10	10	10	10	10
33			9006071-03	SCREW, TRUS, PHIL, 10-32X 3/8	10			10	10	10	10	10	10	10	10	10	10	10	10
34			9006035-03	SCREW, TRUS, PHIL, 8-32X 1/4	10			10	10	10	10	10	10	10	10	10	10	10	10
35		B-MD-7417606-0-0	7417606-00	SLEEVE ROLLER	10			10	10	10	10	10	10	10	10	10	10	10	10
36		B-MD-7417607-0-0	7417607-00	ROLLER	10			10	10	10	10	10	10	10	10	10	10	10	10
37		BLANK	9006690-00	WASHER, LOCK, S.S. #8	10			10	10	10	10	10	10	10	10	10	10	10	10
38			9006561-00	NUT, HEX 8-32 X5/16AF X 7	10			10	10	10	10	10	10	10	10	10	10	10	10
39			3700061-00	INSTR PKG COMPUTER 11/05 OLD STY	10			10	10	10	10	10	10	10	10	10	10	10	10
40			3700133-00	INSTR PKG COMPUTER INPLANT 1105	10			10	10	10	10	10	10	10	10	10	10	10	10
41		C-MD-7418077-0-0	7418077-00	3 POSITION CARD GUIDE	10			10	10	10	10	10	10	10	10	10	10	10	10
42		BLANK			10			10	10	10	10	10	10	10	10	10	10	10	10
43		E-UA-H777-BA-0	0H777-BA	11/04 POWER SUPPLY, MOS ONLY, NO +	10			10	10	10	10	10	10	10	10	10	10	10	10
44		E-UA-H777-BB-0	0H777-BB	11/04 POWER SUPPLY, MOS ONLY, NO +	10			10	10	10	10	10	10	10	10	10	10	10	10
45		E-UA-H777-AA-0	0H777-AA	BA11-L POWER SUPPLY, +5V 25A, +20V	10			10	10	10	10	10	10	10	10	10	10	10	10
46		E-UA-H777-AB-0	0H777-AB	240V H777-AA	10			10	10	10	10	10	10	10	10	10	10	10	10
47		BLANK			10			10	10	10	10	10	10	10	10	10	10	10	10
48		BLANK			10			10	10	10	10	10	10	10	10	10	10	10	10
49		BLANK			10			10	10	10	10	10	10	10	10	10	10	10	10
50		B-IA-7418258-0-0	7418258-00	GROUND STRAP	A/R			A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R
51		B-MD-7418259-0-0	7418259-00	SPACER INCLOSURE	A/R			A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R
52			9007035-00	GROMMET #122-37-1500	10			10	10	10	10	10	10	10	10	10	10	10	10
53			9007083-00	CLAMP, CABLE, SCREW MTD. 3/8 "	10			10	10	10	10	10	10	10	10	10	10	10	10
54		A-PS-3613211-0-0	3613211-01	DECAL, CLEAR, PREPRINTED CSA 1-1/4	10			10	10	10	10	10	10	10	10	10	10	10	10
55		A-DC-7416197-0-0	7416197-01	DECAL	10			10	10	10	10	10	10	10	10	10	10	10	10
56		C-MD-7419019-0-0	7419019-00	BRACKET, MODULE FRAME STIFFENING	10			10	10	10	10	10	10	10	10	10	10	10	10
57			9006668-00	WASHR, FLAT 5/8 ODX 13/64IDX.032	10			10	10	10	10	10	10	10	10	10	10	10	10
58			9006040-03	SCREW, TRUS, PHIL, 8-32X 5/8	10			10	10	10	10	10	10	10	10	10	10	10	10
59			9006563-00	NUT, KEP 8-32X 11/13AF	10			10	10	10	10	10	10	10	10	10	10	10	10
60		BLANK			10			10	10	10	10	10	10	10	10	10	10	10	10
61		BLANK			10			10	10	10	10	10	10	10	10	10	10	10	10
62		BLANK			10			10	10	10	10	10	10	10	10	10	10	10	10
63			9009157-00	ADH. LIQ. RM. TEMP CURING COLORLESS	A/R			A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R
64			1212707-00	FILTER, AIR, FOAM, 30PPI, 16.75X4.5X	10			10	10	10	10	10	10	10	10	10	10	10	10
65			9007032-00	TIE, CABLE BUNDL DIA 0-1-3/4"=101	10			10	10	10	10	10	10	10	10	10	10	10	10
66			7414962-00	BRKT FILTER SUPPORT	10			10	10	10	10	10	10	10	10	10	10	10	10
67		C-MD-7414962-0-0	0H777-UA	11/24 PS: +5V 32A, +15V 3A, -15V 3	10			10	10	10	10	10	10	10	10	10	10	10	10
68		E-UA-H777-UA-0	0H777-UB	11/24 PS: +5V 32A, +15V 3A, -15V 3	10			10	10	10	10	10	10	10	10	10	10	10	10
69		E-UA-H777-UB-0	9006025-02	SCREW, FLAT, PHIL, 6-32X 5/8	10			10	10	10	10	10	10	10	10	10	10	10	10
70			9009165-00	CLIP, FAN MOUNTING (12-05033 FAN	10			10	10	10	10	10	10	10	10	10	10	10	10
71			7425811-00	BRACKET, SHIPPING, 11/24	10			10	10	10	10	10	10	10	10	10	10	10	10
72					10			10	10	10	10	10	10	10	10	10	10	10	10
73					10			10	10	10	10	10	10	10	10	10	10	10	10
74		C-MD-7425811-0-0	7425811-00		10			10	10	10	10	10	10	10	10	10	10	10	10

D	I	G	I	T	A	L	TITLE	BOX 5.25 BA11-L (230V/115V)	SECTION A OF B	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	BA11-L-DBP	Z

AUTOMATED BY PRTLST.3P(44)

P A R T S L I S T

SHEET B1 OF B2

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION	
					LX	LY
1	1	E-UA-H777-DA-0	0H777-DA	H777-BA EXCEPT +5V 32A,120V	0	0
2	2	E-UA-H777-DB-0	0H777-DB	H777-BB EXCEPT +5V 32A,240V	0	0
3	3	E-IA-7013038-0-0	7013038-00	CHASSIS ASSY	1	1
4	4	C-IA-7012653-0-0	7012653-00	RIGHT SIDE MODULE FRAME	1	1
5	5	D-AD-7011132-0-0	7011132-00	ENCLOSURE ASSY	1	1
6	6	D-IA-7013039-0-0	7013039-00	EXTENSION CHASSIS ASSY	1	1
7	7	SEE NOTE 15 (ON UA)	1217715-02	FAN, TUBE AXIAL 110V 120CFM 4.5"	1	1
8	8	C-IA-7012846-0-0	7012846-00	LEFT SIDE MODULE FRAME	1	1
9	9	BLANK			0	0
10	10	BLANK			0	0
11	11	BLANK			0	0
12	12		9006037-03	SCREW, TRUS, PHIL, 8-32X 3/8	12	12
13	13		9006634-00	WASHER, LOCK, INT, .23000 X .172ID	12	12
14	14	BLANK			0	0
15	15	B-MD-7413846-0-0	7413846-00	BAR CABLE STRAIN RELIEF	1	1
16	16		9009711-00	NUT, WING 6-32X 1/2 AF X 7	2	2
17	17	C-IA-7011412-0-0	7011412-03	CHASSIS GND CABLE (BA11-L)	REF	REF
18	18	C-IA-7011412-0-0	7011412-0F	CHASSIS GND CABLE (BA11-L)	REF	REF
19	19	C-MD-7414963-0-0	7414963-00	BRKT SHIPPING & CAB MTG	0	0
20	20		9007015-00	GROMMET, RUBBER	5	5
21	21		9006565-00	NUT, KEP 10-32X 3/8 AF	5	5
22	22		9007031-00	TIE, CABLE BUNDL. DIA 0- 3/4"=101	A/R	A/R
23	23		1211630-00	CARD GUIDE	3	3
24	24	BLANK			0	0
25	25	E-UA-H777-CA-0	0H777-CA	H777-AA EXCEPT +5V 32A,120V	0	0
26	26	E-UA-H777-CB-0	0H777-CB	H777-AB EXCEPT +5V 32A,240V	0	0
27	27		9008072-00	WASHER, LOCK, EXTERNAL TOOTH #8	3	3
28	28	D-AD-7012540-0-0	7012540-00	CONSOLE ASSY EXPANDER BOX	0	0
29	29		1212405-04	CARD GUIDE, NYLON	5	5
30	30		1212405-05	CARD GUIDE, NYLON	5	5

REVISION HISTORY		BASIC PART NO: 0BA11		DRN: G. MARINI	DATE: 3-SEP-75	D I G I T A L	
ENG	ECO NUMBER	REV	SECTION B OF B	CHK'D: D. HEALY	DATE: 30-SEP-75	TITLE PARTS LIST	
	INITIAL	Z	SECTION. VARIATION INDEX	DES. ENG.: R. BARRY	DATE: 2-OCT-75	BOX 5.25 BA11-L (230V/115V)	
			(A) LA, LB, LC, LD, LE, LF, LH, LJ, LK, LL, LM, LN	RESP. ENG.: R.K. PETERSON	DATE: 2-OCT-75	DOCUMENT NUMBER	
			(B) LX, LY	MFG. ENG.: R.K. PETERSON	DATE: 2-OCT-75	SIZE: K	CODE: PL
			(C)	ASSEMBLY NUMBER: E-UA-BA11-L-0	TOP DOCUMENT NUMBER:	NUMBER: BA11-L-DBP	REV: Z
			(D)			FILE NAME: 230252.PLS	EDIT # 7
			(E)				
			(F)				
"THIS DRAWING AND SPECIFICATIONS HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT (C) 1981. DIGITAL EQUIPMENT CORPORATION"							

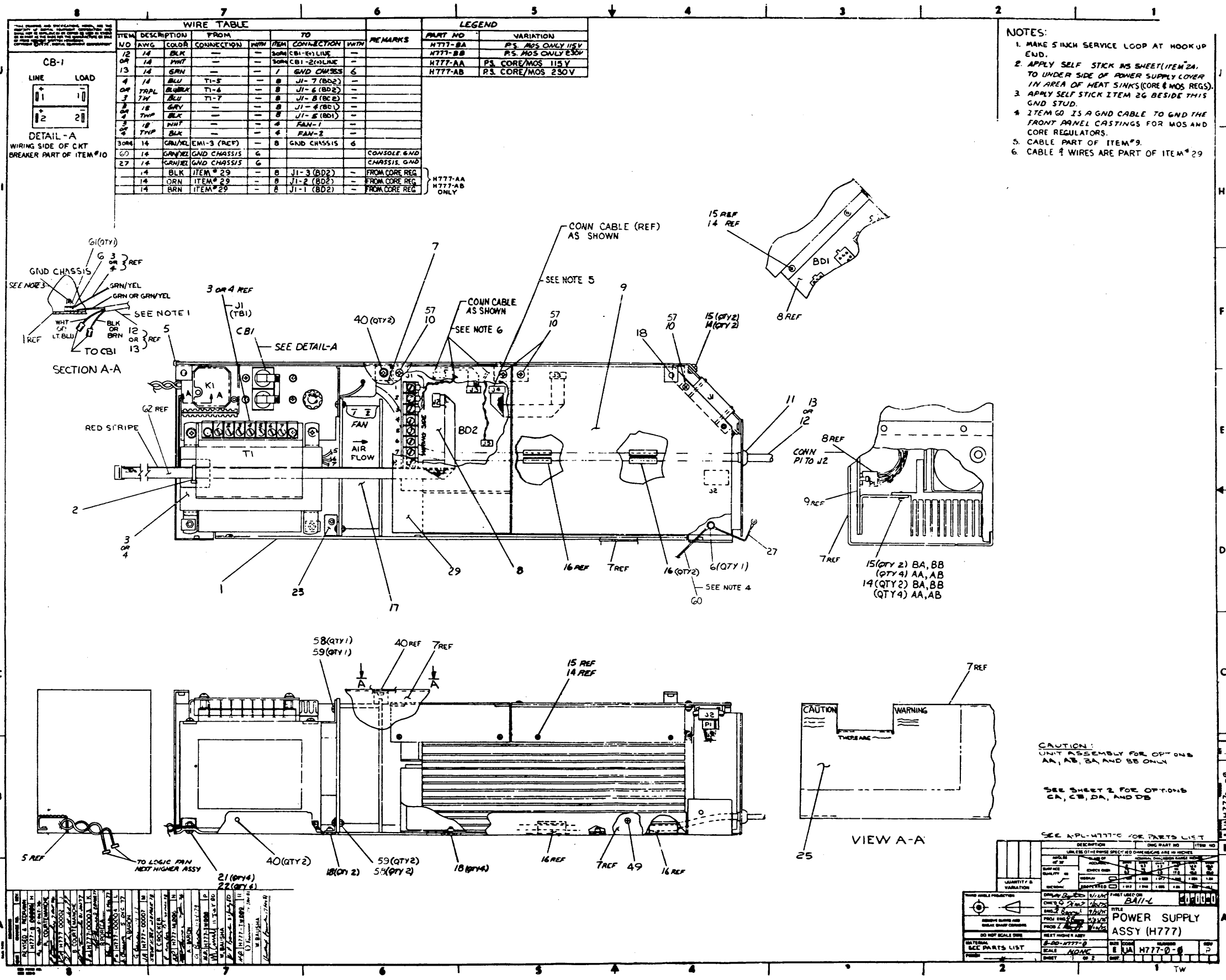
AUTOMATED BY PRTLST.3P(44)

PARTS LIST

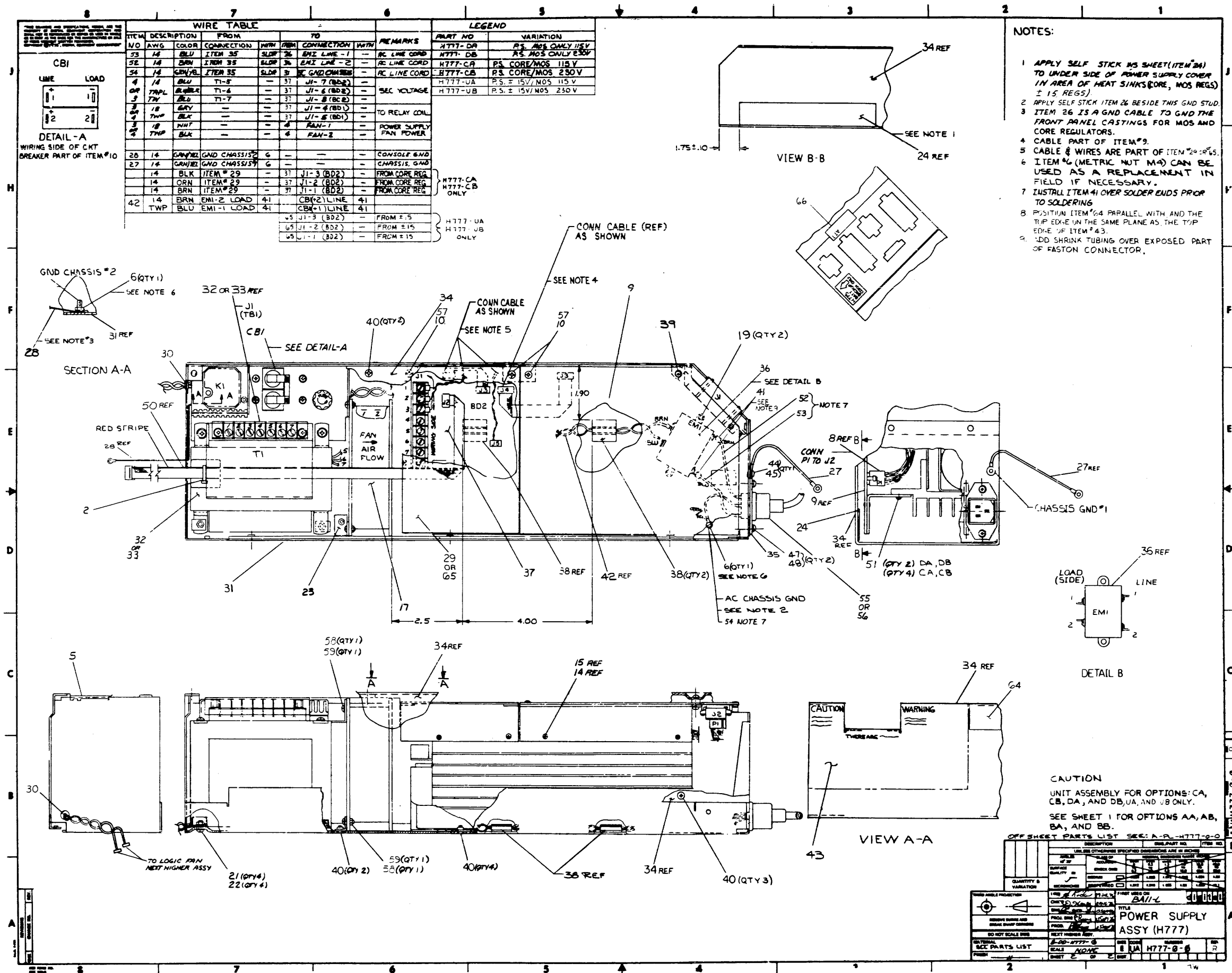
SHEET B2 OF B2

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION	
					LX	LY
31	31	BLANK	9006666-00	WASHER, FLAT, .500 OD X .187 ID	0	0
33	33	BLANK	9007786-00	RETAINER, U-NUT, 10-32	0	0
34	34		9006071-03	SCREW, TRUS, PHIL, 10-32X 3/8	10	10
35	35		9006035-03	SCREW, TRUS, PHIL, 8-32X 1/4	10	10
37	37	B-MD-7417606-0-0	7417606-00	SLEEVE ROLLER	2	2
38	38	B-MD-7417607-0-0	7417607-00	ROLLER	2	2
39	39	BLANK	9006690-00	WASHER, LOCK, S.S. #8	2	2
40	40		9006561-00	NUT, HEX, 8-32 X5/16AF X 7	2	2
41	41		3700061-00	INSTR PKG COMPUTER 11/05 OLD STY	2	2
42	42		3700133-00	INSTR PKG COMPUTER INPLANT 1105	2	2
43	43	C-MD-7418077-0-0	7418077-00	3 POSITION CARD GUIDE	2	2
44	44	BLANK			0	0
45	45	-UA-H777-BA-0	0H777-BA	11/04 POWER SUPPLY, MOS ONLY, NO +	0	0
46	46	-UA-H777-BB-0	0H777-BB	11/04 POWER SUPPLY, MOS ONLY, NO +	0	0
47	47	-UA-H777-AA-0	0H777-AA	BA11-L POWER SUPPLY, +5V 25A, +20V	0	0
48	48	-UA-H777-AB-0	0H777-AB	240V H777-AA	0	0
50	50	BLANK			0	0
51	51	BLANK			0	0
52	52	BLANK			0	0
53	53	B-IA-7418258-0-0	7418258-00	GROUND STRAP	A/R	A/R
54	54	B-MD-7418259-0-0	7418259-00	SPACER INCLOSURE	A/R	A/R
55	55		9007035-00	GROMMET #122-37-1500	1	1
56	56		9007083-00	CLAMP, CABLE, SCREW MTD. 3/8 "	1	1
57	57	A-PS-3613211-0-0	3613211-01	DECAL, CLEAR, PREPRINTED CSA 1-1/4	1	1
58	58	A-DC-7416197-0-0	7416197-01	DECAL	1	1
59	59	C-MD-7419019-0-0	7419019-00	BRACKET, MODULE FRAME STIFFENING	2	2
60	60		9006668-00	WASHER, FLAT 5/8 ODX 13/64IDX.032	4	4
61	61		9006040-03	SCREW, TRUS, PHIL, 8-32X 5/8	4	4
62	62		9006563-00	NUT, KEP 8-32X 11/13AF	4	4
63	63	BLANK			0	0
64	64	BLANK			0	0
65	65	BLANK			0	0
66	66		9009157-00	ADH. LIQ. RM. TEMP CURING COLORLESS	A/R	A/R
67	67		1212707-00	FILTER, AIR, FOAM, 30PPI, 16.75X4.5X	2	2
68	68		9007032-00	TIE CABLE BUNDL. DIA 0-1-3/4"=101	2	2
69	69	C-MD-7414962-0-0	7414962-00	BRKT FILTER SUPPORT	1	1
70	70	E-UA-H777-UA-0	0H777-UA	11/24 PS: +5V 32A, +15V 3A, -15V 3	1	1
71	71	E-UA-H777-UB-0	0H777-UB	11/24 PS: +5V 32A, +15V 3A, -15V 3	1	1
72	72		9006025-02	SCREW, FLAT, PHIL, 6-32X 5/8	4	4
73	73		9009165-00	CLIP, FAN MOUNTING (12-05033 FAN	2	2
74	74	C-MD-7425811-0-0	7425811-00	BRACKET, SHIPPING, 11/24	2	2

D	I	G	I	T	A	L	TITLE	BOX 5.25 BA11-L (230V/115V)	SECTION B OF B	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	BA11-L-DBP	Z



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



DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

PARTS LIST

MADE BY *R Barry*
DATE *26 Aug 76*

CHECKED D. HEALY
DATE *29 JUL 76*

SECTION
1

ENG *R Barry*
DATE *26 Aug 76*

PROD *R Barry*
DATE *26 Aug 76*

ISSUED SECT.
1

ITEM NO.	DWG NO. / PART NO.	DESCRIPTION
1	D-IA-7011248-0-0	CHASSIS ASSY P.S.
2	9007031-05	TIE WRAP
3	D-AD-7011075-0-0	A/C INPUT ASSY (120V)
4	D-AD-7011075-1-0	A/C INPUT ASSY (230V)
5	9007035	GROMMET CAT.
6	9006563	NUT, KEPS #8 - 32
7	E-MD-7413825-0-0	COVER, POWER SUPPLY
8	D-AD-7011073-0-0	+5V REGULATOR ASSY
9	D-CS-5411601-0-1	MOS. REG. H777
10	9006021-01	SCR. PHL HD PAN #6 - 32 x .31
11	9008509	STRAIN RELIEF
12	D-IA-7012320-0	POWER CORD (115V)
13	D-IA-7012320-1	POWER CORD (230V)
14	9006022-1	SCR. PHIL HD PAN #6-32 x .38
15	9006633	WASHER, INT. TOOTH #6
16	9009771-02	CLAMP
17	1217715-02	FAN, TUBE AXIAL 120V 120CFM 4.5" BALL BRG
18	9006020-2	SCR. PHIL FLAT HD #6 - 32 x .25
19	9008185	NUT, KEPS #6 - 32
20	~~9006022-1~~	~~SCR. PHIL HD PAN #6 - 32 x .38~~
21	9006074-3	SCR., PHIL TRUSS #10 - 32 x .62
22	9007651	WASHER, EXT. TOOTH #10

TITLE
POWER SUPPLY ASSY (H777)

ASSY NO.
E-UA-H777-0-0

SIZE CODE
A PL

NUMBER
H777-0-0

REV.
R

ECO NO.
H777-TW009

DEC FORM DEC 16-(325)-1031-N870
DRA 110

TW

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

PARTS LIST

MADE BY *R Barry*
DATE *26 Aug 76*

CHECKED D. HEALY
DATE *29 JUL 76*

SECTION
1

ENG *R Barry*
DATE *26 Aug 76*

PROD *R Barry*
DATE *26 Aug 76*

ISSUED SECT.
1

ITEM NO.	DWG NO. / PART NO.	DESCRIPTION
23	C-IA-7413773-0-0	BRACKET, FAN
24	1210984-05	INS SHEET 9.0±.1 X 1.5 ±.1
25	B-DC-7414744-0-0	DECAL H777 P.S.
26	A-PS-3612680-0-0	DECAL, CHASSIS GROUND
27	C-IA-7011412-0F	CABLE, CHASSIS GROUND
28	C-IA-7011412-1H	CABLE, CONSOLE GROUND
29	D-CS-5411599-0-1	CORE REG. H777
30	9007015	GROMMET
31	D-IA-7417407-0-0	CHASSIS P.S.
32	D-AD-7012910-0-0	A/C INPUT ASSY (120V)
33	D-AD-7012910-1-0	A/C INPUT ASSY (230V)
34	E-IA-7417018-0-0	COVER, POWER SUPPLY
35	A-PS-1213773-0-0	AC RECEPTACLE
36	A-PS-1212877-0-0	FILTER
37	D-AD-7012909-0-0	+5V REGULATOR ASSY
38	9009771-1-0	CABLE CLAMP
39	9006024-01	SCREW, PAN #6 - 32 x .50
40	9008404-2	SCR PHL FLAT HD #6 - 32 x .31
41	9107253-02	TUBING, SHRINK (ORN)
42	C-IA-7417288-0-0	WIRE A.C. CONN. JARNESS
43	3617382-00	DECAL H777 P.S.
44	9006037-1	SCR, PHIL PAN HD #8 - 32 x .38

TITLE
POWER SUPPLY ASSY (H777)

ASSY NO.
E-UA-H777-0-0

SIZE CODE
A PL

NUMBER
H777-0-0

REV.
R

ECO NO.
H777-TW009

DEC FORM DEC 16-(325)-1031-N870
DRA 110

TW

DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS PARTS LIST					QUANTITY / VARIATION											
MADE BY		CHECKED D. HEALY		SECTION												
DATE		DATE 29 JUL 76		1												
ENG R. Barry 26 Aug 76		PROD RB King 26 Aug 76		ISSUED SECT.												
DATE		DATE		1												
ITEM NO.	DWG NO. / PART NO.	DESCRIPTION			H777-AA	H777-AB	H777-BA	H777-BB	H777-CA	H777-CB	H777-DA	H777-DB	H777-UA	H777-UB		
45	9006634	WASHER INT. TOOTH LOCK #8			-	-	-	-	1	1	1	1	1	1		
~~46~~	~~D-IA-7013315-1~~	~~AC POWER CORD ASSEMBLY 250V~~			~~-~~	~~-~~	~~-~~	~~-~~	~~1~~	~~1~~	~~1~~	~~1~~	~~1~~	~~1~~		
47	9006011-1	SCR PH HD PAN #4 - 40 x .38			-	-	-	-	2	2	2	2	2	2		
48	9006632	WASHER INT. TOOTH LOCK #4			-	-	-	-	2	2	2	2	2	2		
49	9008020-02	SCR, PHIL FLAT HD. #6-32 x .18			1	1	1	1	-	-	-	-	-	-		
50	7011411-1L	CABLE, CONSOLE CONTROL			-	-	-	-	REF	REF	REF	REF	REF	REF		
51	9006022-03	SCR. PHIL. TRUSS #6-32 x .38			-	-	-	-	4	4	2	2	4	4		
52	C-IA-7013938-1	CABLE JUMPER			-	-	-	-	1	1	1	1	1	1		
53	C-IA-7013938-0	CABLE JUMPER			-	-	-	-	1	1	1	1	1	1		
54	C-IA-7013939-0	CABLE GROUNDING			-	-	-	-	1	1	1	1	1	1		
55	1700083-05	AC POWER CORD (120V)			-	-	-	-	1	-	1	-	1	-		
56	1700083-04	AC POWER CORD (240V)			-	-	-	-	-	1	-	1	-	1		
57	9006656	WASHER, FLAT			4	4	2	2	3	3	1	1	3	3		
58	9006025-01	SCR, PAN PHIL #6-32 x 5/8			3	3	3	3	3	3	3	3	3	3		
59	9006560	NUT, KEP #6-32			3	3	3	3	3	3	3	3	3	3		
60	7011412-3C	CABLE ASSY			1	1	1	1	-	-	-	-	-	-		
61	9006561	NUT, HEX #8-32			1	1	1	1	-	-	-	-	-	-		
62	7011414-1F	CABLE, CONSOLE CONTROL			REF	REF	REF	REF	-	-	-	-	-	-		
63	9009255-00	LABEL			1	1	1	1	1	1	1	1	1	1		
64	3614833	LABEL, WARNING			-	-	-	-	1	1	1	1	1	1		
65	5413764	± 15V REGULATOR			-	-	-	-	-	-	-	-	1	1		
66	3617413-00	ATTENTION LABEL			-	-	-	-	-	-	-	-	1	1		
TITLE		ASSY NO.		SIZE	CODE		NUMBER				REV.		ECO NO.			
POWER SUPPLY ASSY (H777)		E-UA-H777-0-0		A	PL		H777-0-0				R					
SHEET 3 OF 3		DIST.														

TW

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1970, DIGITAL EQUIPMENT CORPORATION.

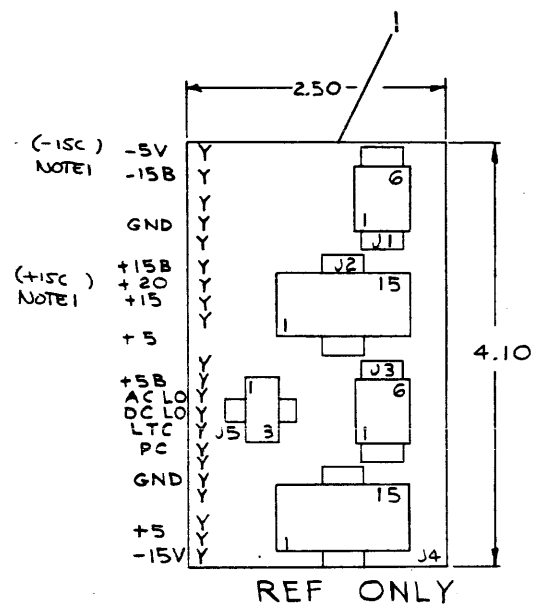
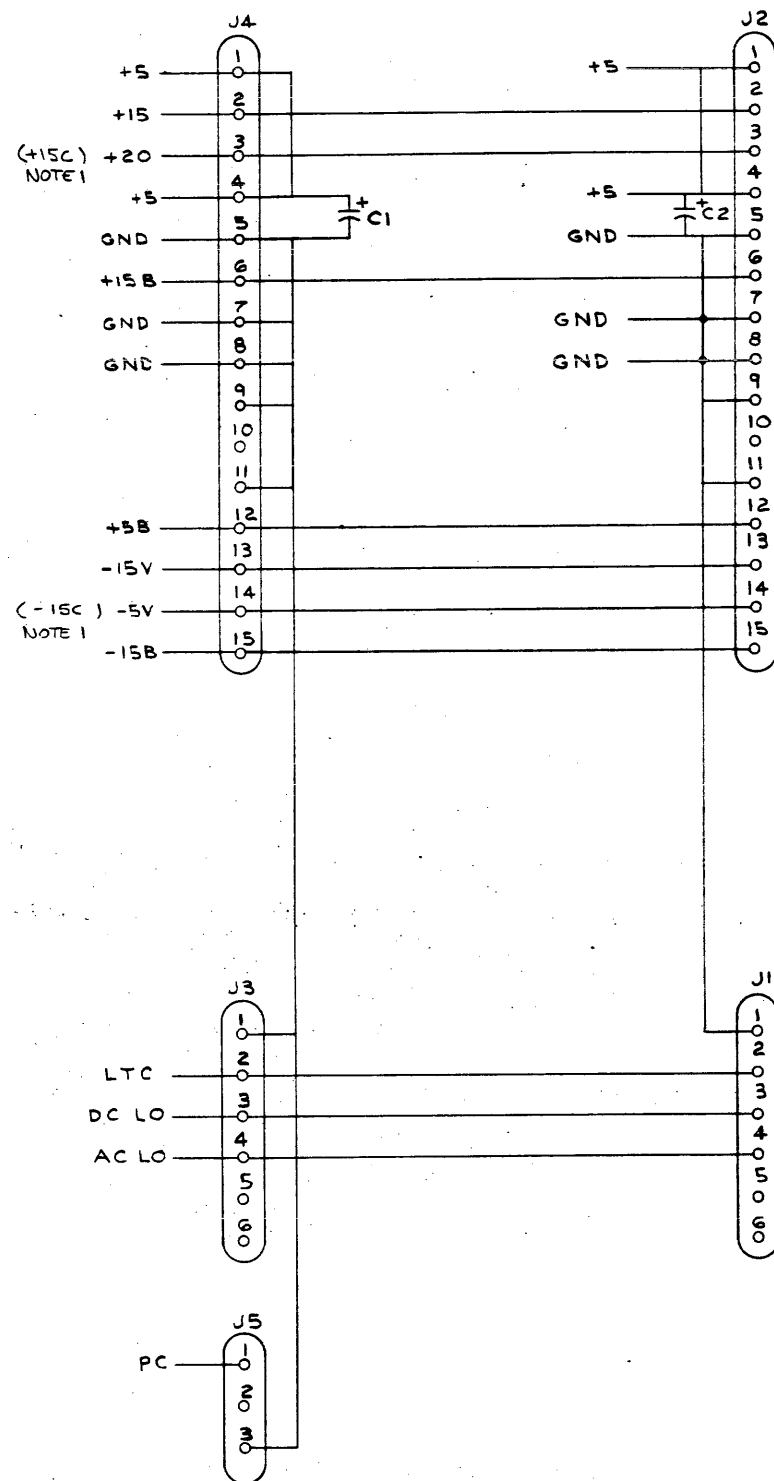
WIRE CHART																		
ITEM NO		DESCRIPTION		FROM		TO		ITEM NO		DESCRIPTION		FROM		TO				
		AWG	COLOR	POINT NO	CONN	POINT NO	CONN			AWG	COLOR	POINT NO	CONN	POINT NO	CONN			
5	20	WHT		1	BD2-8	18	BD1-15	5	14	BLK		28	BD2-13	11	BD1-4			
	14	BRN	2		2	9				RED		29		15	14		9	
	14	BLK	3			1	12				RED		26		19	15		10
	14	ORN	4			3	13				BLK		25		14	21		17
	20	BRN	5			5	19				RED		24		16	22		19
	20	BLK	6			4	20				RED		27	BD2-20	23	BD1-20		25
	20	YEL	7			6	16				BLU		1	BD1-21	*11			23
	20	VIO	8			7	17				14	BLK		2	BD1-18	*8		24
7	14	BLK	30	BD2-17	10	BD1-3	7	18	RED		3	BD1-11	*14				22	
								30		14	RED		BD2-22		C2 (+)			

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION.
COPYRIGHT © 1979 DIGITAL EQUIPMENT CORPORATION

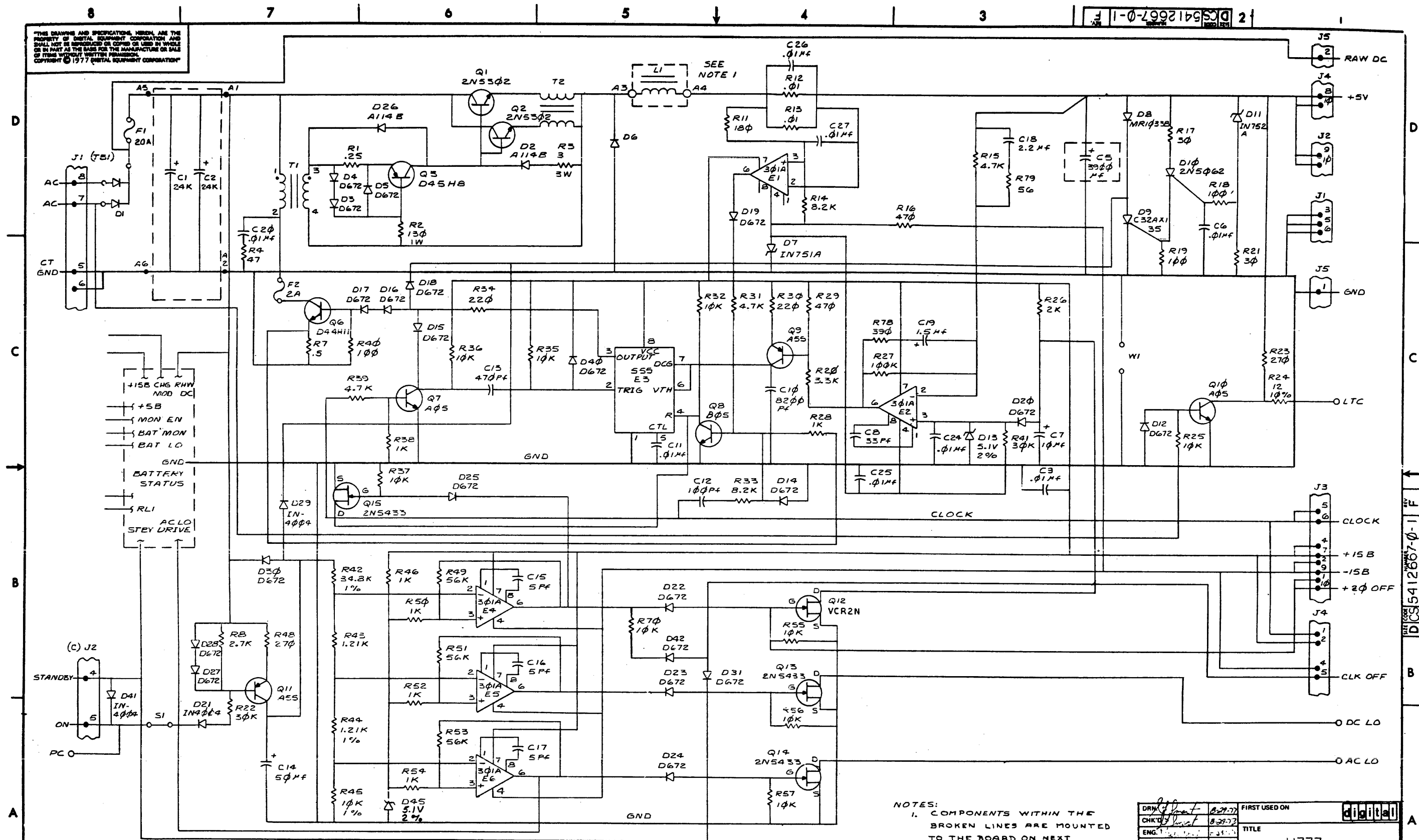
CS 5411586-0-1

NOTES:

1. H777 UA, UB VARIATION ONLY $\pm 15C$ FROM THE 5413764 MODULE.



DRAWN: <i>F. Pagan</i> 1-20-79	FIRST USED ON: 11/84 PWR SUPP	digital
CHK'D: <i>F. Pagan</i> 1-20-79	TITLE: BOARD, POWER DISTRIBUTION H777	
ENG: <i>R. Pagan</i> 1-20-79	PROJ. ENG: <i>P. Pagan</i> 1-20-79	
PROD. <i>A. Pagan</i> 2-12-79	NEXT HIGHER ASSY.	
SCALE: NONE	SIZE CODE: D	NUMBER: CS 5411586-0-1
SHEET: 1 OF 1	DIST.	REV. E



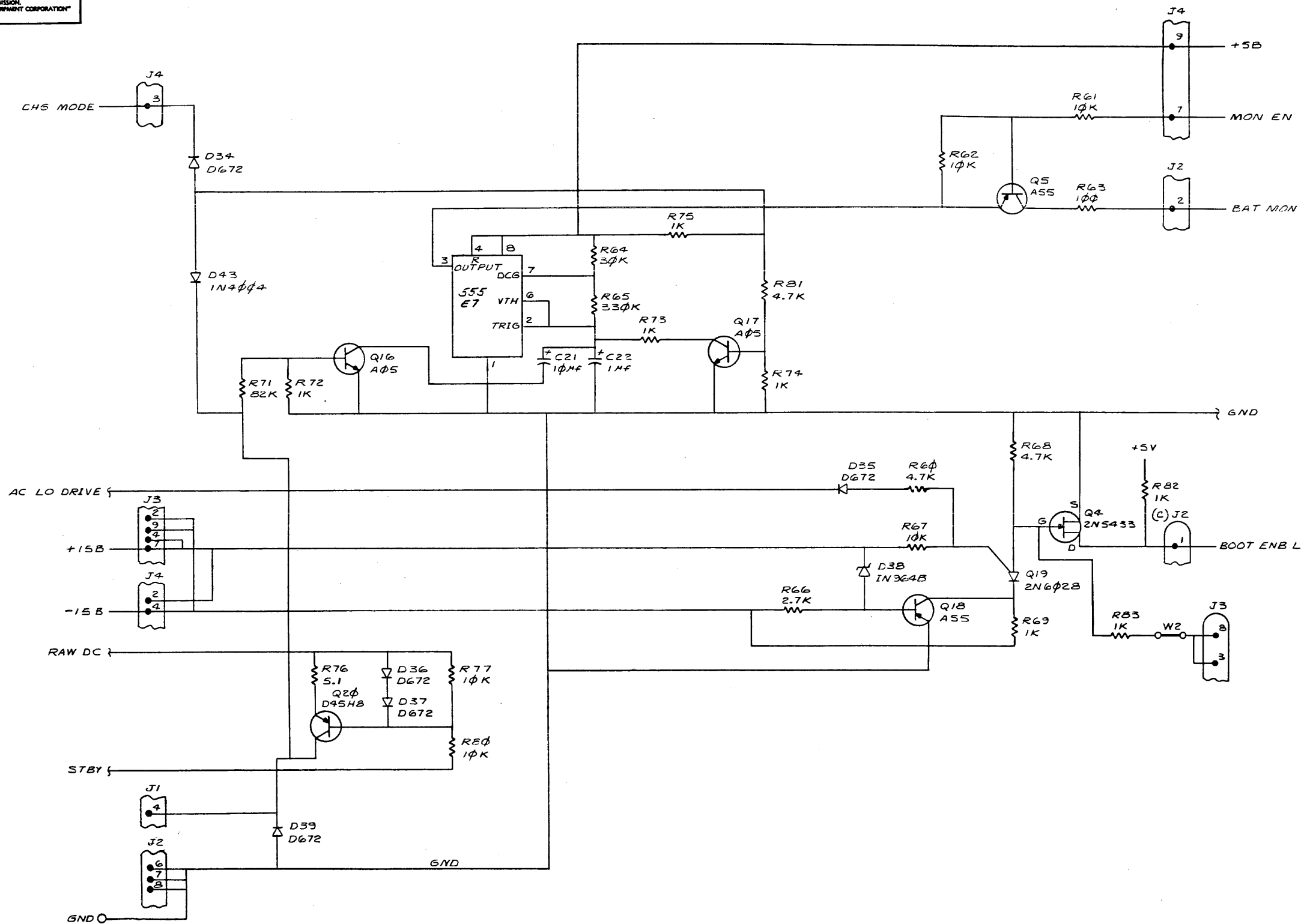
NOTES:
1. COMPONENTS WITHIN THE
BROKEN LINES ARE MOUNTED
TO THE BOARD ON NEXT
HIGHER ASS'Y.

DRIN <i>8/28/77</i>	FIRST USED ON	digital
CHKD <i>8/29/77</i>		
ENG. <i>8/29/77</i>	TITLE	
PROJ. ENG. <i>8/29/77</i>	H777	
PROD. <i>8/29/77</i>	+ 5V REGULATOR	

REVSIONS		CHANGE NO.		REV.	
CHK	CHANGE NO.	CHK	CHANGE NO.	CHK	CHANGE NO.
Q1	5412667-00001	B		JL	5412667-00002
D. Zwickler	7 NOV 77	P. Brown	4 APR 78	J. Johnson	10-30-78
B. GIST		B. GIST		E. CROCKER	
Self	11 NOV 77	Self	11 OCT 78	A. BARON	11-17-78
				G. Baron	1-22-79
				A. Baron	2-26-79

SIZE	CODE	NUMBER	REV.
D	CS	5412667-0-1	F

"THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1977 DIGITAL EQUIPMENT CORPORATION"



REVISIONS		
CHK	CHANGE NO.	REV.

TITLE		H777		NUMBER		REV.	
+5V REGULATOR		D CS 5412667-0-1		F		F	
SCALE		SHEET 2 OF 2		DIST.		M/ 1	

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION.
COPYRIGHT © 1970 DIGITAL EQUIPMENT CORPORATION

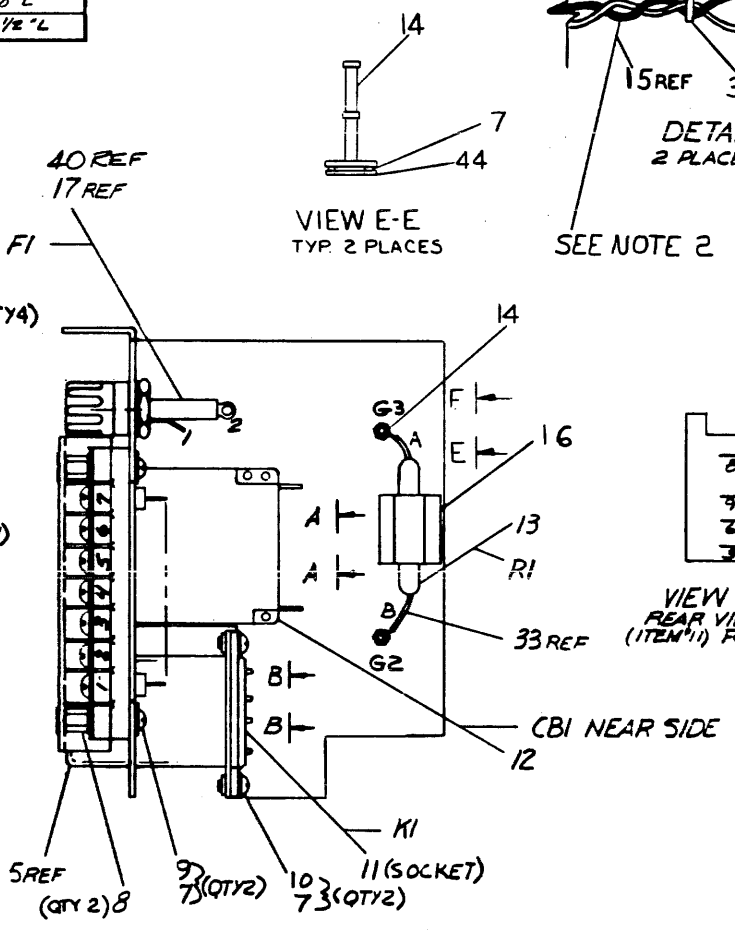
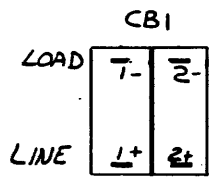
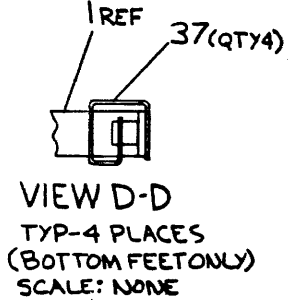
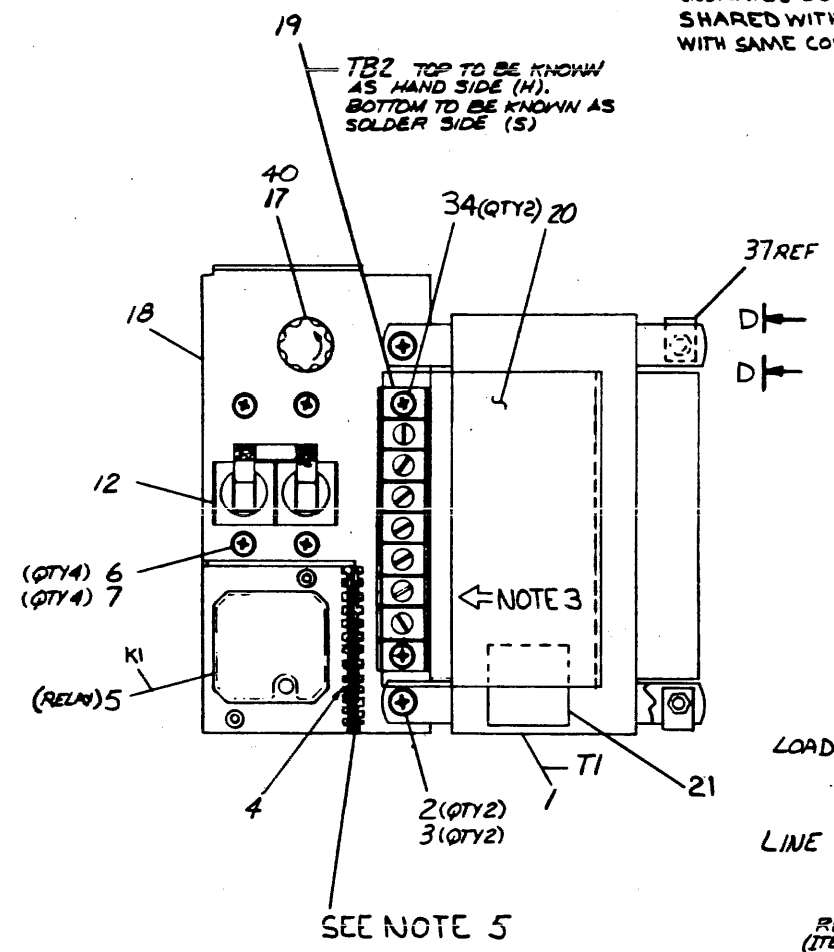
LEGEND	
PART NO	VARIATION
7012910-0	120 V
7012910-1	230 V

WIRE CHART									
ITEM NO	DESCR	FROM	TO	REMARKS	ITEM NO	DESCR	FROM	TO	REMARKS
22	18 OR/WHT	K1-4	SOLD,31	*TB2-3S	SOLD	5 1/2' L			
23	18 BR/WHT	K1-6		*TB2-4S	SOLD	5' L			
24	18 WH/OR	K1-7		TB2-5H	25	9' L			
26	18 WH/GR	K1-9		TB2-6H	25	9' L			
27	18 GR/Y	K1-A			42	13 1/2' L			
	TWP BLK	K1-B	SOLD,31			13 1/2' L			
46	18 GR/DR	G2	SOLD	*TB2-63	SOLD	6' L			
47	18 GR/BL	F1-1	SOLD,31	*TB2-4S	SOLD	3' L			
43	18 BRN	CBI(2) LOAD	28,31	*TB2-6S	SOLD	7 1/2' L			
	TWP BLU	CBI(1) LOAD	28,31	*TB2-1S	SOLD	7 1/2' L			
45	14 BLU	CBI(1) LINE		NOTE 6		17' L			
	TWP BRN	CBI(2) LINE		NOTE 6		17' L			
15	18 WHT	*TB2-7S	SOLD	J2-2	30,32	10' L			
	TWP BLK	*TB2-5S	SOLD	J2-1	30,32	9' L			
15	18 WHT	*TB2-7S	SOLD	J3-2	30,32	16' L			
	TWP BLK	*TB2-5S	SOLD	J3-1	30,32	15 1/2' L			

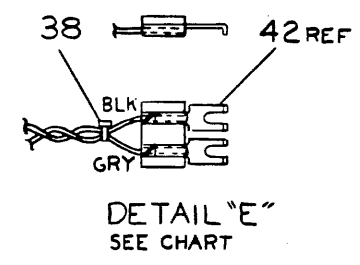
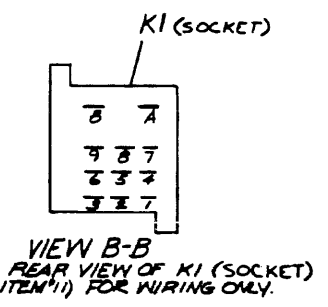
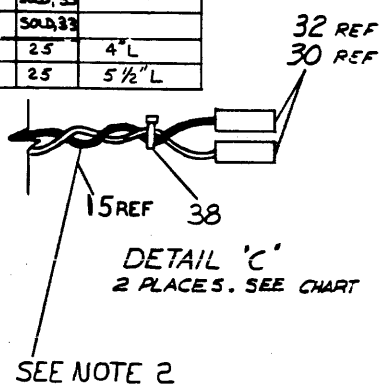
* INDICATES SOLDER CONN.
SHARED WITH OTHER CONN.
WITH SAME COMMON CONN.

NOTES:

- COVER ITEM #28 WITH ITEM #31.
COVER ENTIRE CONN.
- TWISTED PAIR WIRE TO HAVE A MIN OF 8 TWIST PER FT. AS PER WIRE CHART.
- ALL CONNECTIONS TO TB2 ARE TO BE MADE FROM SIDE INDICATED BY ARROW.
- USE TIE WRAPS (ITEM 38) AS NEEDED.
- T1 PRIMARY WIRES TO TB2 MUST BE ROUTED BY ITEM 4
- NO CONNECTION IS MADE AT THIS ASSY LEVEL. REFER TO PRINT E-UA-H777-0-0

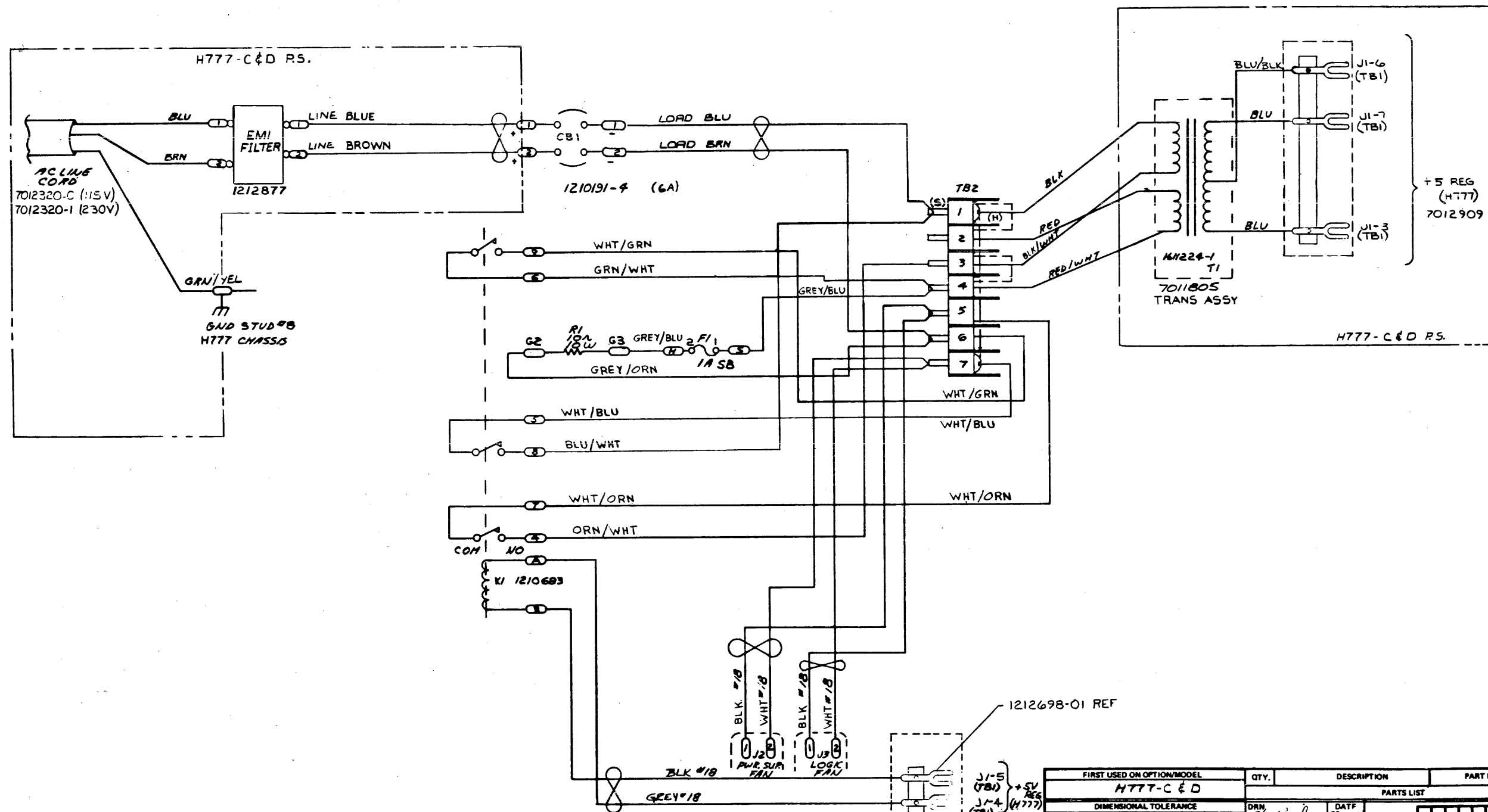


SIDE VIEW
TRANSFORMER (ITEM 1) REMOVED
FOR CLARITY.



REV.	DATE	BY	CHKD	APP'D	DESCRIPTION
1	11/17/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	INITIAL DESIGN
2	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
3	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
4	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
5	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
6	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
7	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
8	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
9	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
10	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
11	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
12	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
13	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
14	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
15	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
16	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
17	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
18	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
19	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
20	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
21	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
22	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
23	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
24	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
25	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
26	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
27	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
28	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
29	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
30	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
31	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
32	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
33	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
34	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
35	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
36	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
37	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
38	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
39	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
40	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
41	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
42	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
43	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
44	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
45	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
46	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
47	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
48	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
49	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
50	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
51	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
52	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
53	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
54	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
55	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
56	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
57	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
58	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
59	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
60	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
61	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
62	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
63	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
64	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
65	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
66	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
67	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
68	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
69	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
70	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
71	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
72	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
73	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
74	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
75	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
76	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
77	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
78	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
79	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
80	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
81	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
82	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
83	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
84	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
85	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
86	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
87	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
88	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
89	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
90	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
91	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
92	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
93	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
94	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
95	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
96	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
97	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
98	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V
99	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 120V
100	12/1/77	W. J. HARRIS	W. J. HARRIS	W. J. HARRIS	REVISED FOR 230V

OFF SHEET PARTS LIST SEE A-PL-7012910-0-0	
QUANTITY & VARIATION	DESCRIPTION
1	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
1	ANGLES 1/2 3/4
1	SURFACE QUALITY IN
1	MICROINCHES
1	THIRD ANGLE PROJECTION
1	REMOVE BURRS AND BREAK SHARP CORNERS
1	DO NOT SCALE DWG
1	MATERIAL
1	FINISH
1	DRN. H. HARRIS 12/1/77
1	CHK'D. H. HARRIS 12/1/77
1	ENG. H. HARRIS 12/1/77
1	PROJ. ENG. H. HARRIS 12/1/77
1	PROD. H. HARRIS 12/1/77
1	NEXT HIGHER ASSY.
1	D-UA-H777-0-0
1	SCALE 1/1
1	SHEET 1 OF 2
1	FIRST USED ON H777-C & D
1	TITLE A/C INPUT ASSY (120V/230V)
1	SIZE CODE D
1	NUMBER 7012910-0-0
1	REV. M



FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION		PART NO.	REV.
HTTT-C & D						
DIMENSIONAL TOLERANCE		PARTS LIST				
DIMENSIONS ARE INCHES		DRN <i>L. Richa</i>	DATE 29 JULY 76			
UNLESS OTHERWISE SPECIFIED		CHK <i>D. Healy</i>	DATE 2 AUG 76			
		ENG <i>R. M. M. M.</i>	DATE 2 AUG 76			
		PROJ. ENG. <i>R. M. M. M.</i>	DATE 2 AUG 76			
MILLIMETERS	INCHES	ANGLES	TITLE			
X.XX ± 0.10	X.XX ± 0.005	1° 30'	A/C INPUT ASSY			
X.XX ± 0.5	X.XX ± .02		(120V/230V)			
X ± .2	X ± .2					
THIRD ANGLE PROJECTION	REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓	NEXT HIGHER ASSY.				
MATERIAL			SIZE CODE		NUMBER	REV.
FINISH			D AD		7012910-0-0	M
		SCALE				
		SHEET 2 OF 2				
		DIST.				

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS
PARTS LIST

MADE BY	<i>A. Becker</i>	CHECKED	<i>D. Healy</i>	SECTION
DATE	<i>17 Dec 76</i>	DATE	<i>27 Jul 76</i>	<i>1</i>
ENG	<i>R. Barry</i>	PROD	<i>RLK</i>	ISSUED SECT.
DATE	<i>9-12-76</i>	DATE	<i>21 Sept 76</i>	<i>1</i>

ITEM NO.	DWG NO./PART NO.	DESCRIPTION
----------	------------------	-------------

1	C-1A-7011805-0-0	TRANSFORMER ASSY
2	9006037-01	SCR PHIL PAN HD #8 - 32 X .38
3	9006634	WASHER INT. TOOTH LOCK #8
4	9007035	GROMMET CATERPILLAR
5	1210683-00	RELAY 12V 3P 10A
6	9006020-01	SCR PHIL HD PAN #6-32 X .25
7	9006633	WASHER INT. TOOTH LOCK #6
8	9006842	SPACER HEX #6 - 32 X .31
9	9007794-01	SCR PHIL HD PAN #6 - 32 X .69
10	9006021-01	SCR PHIL HD PAN #6 - 32 X .31
11	1212789	SOCKET, RELAY
12	1210191-4	CIRCUIT BREAKER, 6A
13	1300173	RESISTOR, 10 OHM, 10W
14	9006966	TERMINAL TURRET INS
15	9107430-09	WIRE #18 AWG INS TW/PR (WHT/BLK)
16	9009771-2	CLAMP (RESISTOR) 3/8 I.D. SELF ADH.
17	1212893-00	HOLDER, FUSE 20A, 300V
18	D-1A-7417219-0-0	BRACKET, COMPONENT
19	1212788	BARRIER STRIP 7 POS
20	B-1A-7414743-1-0	SHIELD, TERM.
21	9008264	MOUNT TIE WRAP
22	9107410-39	WIRE #18 AWG INS ORN/WHT

TITLE	ASSY NO.		SIZE
	A/C INPUT ASSY (120V/230V)		A
	D-AD-7012910-0-0		
		SHEET 1 OF 3	DIS

DEC FORM DEC 16--(325)--1031--N870
DRA 110

QUANTITY / VARIATION		ECO NO.	P.F.V.	NUMBER	PL
7012910-0	7012910-1	7012910	M	7012910-0-0	
1	1				
2	2				
2	2				
A/PA/R					
1	1				
4	4				
10	10				
2	2				
2	2				
2	2				
1	1				
1	1				
1	1				
2	2				
A/PA/R					
1	1				
1	1				
1	1				
1	1				
1	1				
1	1				
A/PA/R					

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS
PARTS LIST

MADE BY	DATE	CHECKED	DATE	SECTION
W. H. H. H.	19 JUL 76	D. HEALY	27 JUL 76	1
ENG	DATE	PROD	DATE	ISSUED SECT.
R. B. B.	9-17-76	ABK	21 Sept 76	1

ITEM NO.	DWG NO. / PART NO.	DESCRIPTION
23	9107410-59	WIRE 18 AWG INS GRN/WHY
24	9107410-93	WIRE 18 AWG INS WHY/GRN
25	9007929	RING CRIMP (RED INS)
26	9107410-95	WIRE 18 AWG INS WHY/GRN
27	9107430-08	WIRE 18 AWG INS (GRY/BLK) TW/PR
28	9007970	CONN FASTON (RED INS.)
29	1210191-2	CIRCUIT BREAKER, 2.5A
30	1210820-2	HOUSING TERM. FASTAB
31	9107305-02	TUBING SHRINK (RED)
32	1210820-1	HOUSING SOCKET, FASTAB
33	9107278-02	TUBING INS (RED)
34	9008020-02	SCR, PHL, FLAT HD, 6 - 32 x .19
35	B-1A-7011797-0-0	JUMPER ASSY (BLK 2")
36	B-1A-7011798-0-0	JUMPER ASSY (WHY 2")
37	9007786	NUT #10 - 32
38	9007031	TIE WRAP
39	9107253-09	TUBING, SHRINK (WHY)
40	9007212	FUSE, 1A, 250V S.B.
41	9107253-03	TUBING, SHRINK (GRN)
42	1212698-01	STRIP. FANNING (2 POSITION)
43	9107430-16	WIRE #18 AWG INSTWP BRN,BLU
44	9006656	WASHER, FLAT

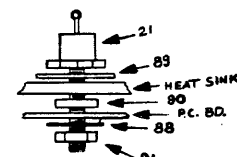
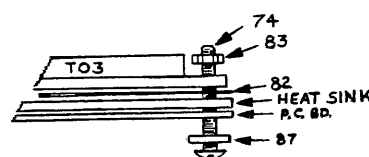
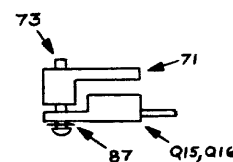
TITLE	ASSY NO.	SIZE
A/C INPUT ASSY (120V/230V)	D-AD-7012910-0-0	A
	SHEET 2 OF 3	DIST

DEC FORM DEC 16 (325) 1031 N870
DRA 110

[illegible]

[illegible]

3. TORQUE Q1, Q9, D7, D8, D11, & D21 HARDWARE TO 6-8 IN-LBS.



SIDE VIEW
MOUNTING D7, D8 AND D21

1	R18	RESISTOR, 0.2K, 1/4W, 5%	1303179	51	REF		X-Y COORDINATE HOLE LOCATION	K-CO-5411601-0-4	1
1	R20	RESISTOR, 4.99K, 1/4W, 1% MF	1305324	52	REF		ASSY/DRILLING HOLE LAYOUT	D-AH-5411601-0-5	2
2	R1,R36	RESISTOR, 1, 2W, 5% WW	1305428	53	REF		MODULE ECO HISTORY	B-WH-5411601-0-6	3
1	R55	RESISTOR, 5/1, 1/4W, 5%	1309422	54	1		ETCHED CIRCUIT BOARD	5011600	4
1	R5	RESISTOR, .150, 2W, 10%	1310147	55	2	C20,C4	CAPACITOR, 33pf, 100V, 5%	1000009	5
1	R32	RESISTOR, 2.21K, 1/4W, 1%	1310831	56	1	C8	CAPACITOR, 100pf, 100V, 5%	1000016	6
1	D22	DIODE 2N4441 SCR	1505867	57	1	C7,	CAPACITOR, 220pf, 100V, 5%	1000021	7
3	Q3,Q11,Q17	TRANSISTOR, 2N4036	1509700	58	1	C25	CAPACITOR, .1mf, 100V, 20% DISC	1000030	8
1	Q10	TRANSISTOR, DEC 3734	1510062	59	7	C3,C12,C18,C27,C28,C32,	CAPACITOR, .01mf, 100V, DISC	1001610-01	9
1	Q7	TRANSISTOR, MJE3055	1510555	60		C33			
7	Q4,Q5,Q6,Q8,Q12 THRU Q14	TRANSISTOR, XA06	1510705	61	6	C2,C5,C9,C19,C26,C30	CAPACITOR, 1mf, 35V, 10%	1001776	10
2	Q2,Q10	TRANSISTOR, XB55	1510706-1	62	2	C29,C31	CAPACITOR, .47mf, 25V, 20%	1010279	11
1	Q16	TRANSISTOR, Q45H8	1510708	63	1	C24	CAPACITOR, 10mf, 20V, 10%	1004813	12
2	Q1,Q9	TRANSISTOR, 2N5030	1510969	64	2	C6,C21	CAPACITOR, .01mf, 100V, 10% MYLAR	1005784	13
1	Q15	TRANSISTOR, D44H5	1512722	65	1	C11	CAPACITOR, .015mf, 50V, 2% POLYC	1010646	14
2	L1,L2	INDUCTOR, 500uh	1612593	66	2	C13,C14	CAPACITOR, 390mf, 20V	1012607-06	15
2	E2,E5	I.C. L.W. 301A	1910282	67	1	C17	CAPACITOR, 1200mf, 6.3V	1012607-01	16
3	E1,E3,E4	I.C. L.W. 555	1911944	68	2	C10,C16	CAPACITOR, 180mf, 50V	1012607-02	17
1	C22	CAPACITOR, 470pf, 100V, 5%	1000024	69	1	D4	DIODE 1N752A	1102808	18
1	C23	CAPACITOR, 180pf, 100V 5%	1000020	70	11	D1,D2,D6,D13 THRU D17,D19,	DIODE D672	1105275	19
2		HEAT SINK	7414765	71		D20,D23			
1		HEAT SINK	7413842	72	1	D9	DIODE 1N4004	1105796	20
2		SCREW #4-40 x 7/16 LG.	9006012-1	73	3	D7,D8,D21	DIODE, 1N3880	1109440	21
6		SCREW #4/40 x 1/2 LG.	9006013-1	74	1	D12	DIODE 1N4742	1109502	22
2		SCREW, NYLON #4/40 x.375LG.	9006401-4	75	1	D10	DIODE 1z1 5ma 5.1V, 2%	1110713	23
1		EYELET	9009000	76	1	D3	DIODE 2N5082	1110988	24
4		TRANSIPAD	9007201	77	2	D5,D18	DIODE A114B	1112595-01	25
A/R		TUBING	9107256-11	78	1	D11	DIODE DUAL	1112723-00	26
2		NUT, NYLON #4/40	9007992	79	2	F1,F2	FUSE 5A	1209070	27
2		SILPAD TO 22	1213071-06	80	1	J1	CONN. 8 PIN MATE-N-LOC	1209340-00	28
A/R		THERMAL COMPOUND	9008268	81	1	J2	CONN. 9 PIN MATE-N-LOC	1209350-09	29
3		SILPAD TO 3	1213071-02	82	17		PINS	1209458-01	30
6		NUT, KEP #4/40	9006557	83	2	(Q18),(Q17)	HEAT SINK	1210001	31
A/R		WIRE #20 AWG STRANDED	9107460-68	84	4	R2,R37,R47,R50	RESISTOR, 33, 1/4W, 5%	1300197	32
1	J3	CONTROL CABLE	7011414-DD	85	2	R12,R14	RESISTOR, 68, 1/4W, 5%	1300219	33
2		~~WASHER, LOCK, INTERNAL TOOTH~~	~~9006632~~	~~86~~	8	R6,R27,R35,R39,R48,R49,R63,	RESISTOR, 100, 1/4W, 5%	1300229	34
10		WASHER, FLAT	9008872	87		R64			
3		WASHER, FLAT	9006666	88	2	R9,R44	RESISTOR, 100, 1W, 5%	1300232	35
3		SILPAD, STUD MOUNT	1213071-05	89	1	.R52	RESISTOR, 390, 1/4W, 5%	1300309	36
3		BUSHING, NYLON	9008440	90	7	R19,R20,R54,R59,R60,R62,R25	RESISTOR, 1K, 1/4W, 5%	1300385	37
3		NUT, HEX #10-32	9006565	91	1	R45	RESISTOR, 1.5K, 1/4W, 5%	1300391	38
					1	R20	RESISTOR, 2.49K, 3/4W, 1%	1300424	39
AR	W1,W2	WIRE, #20 AWG, SOLID	9107560-02	93	3	R11,R43,R61	RESISTOR, 2.7K, 1/4W, 5%	1300428	40
1		LABEL, POWER SUPPLY	9009255-00	94	2	R7,R65	RESISTOR, 4.7K, 1/4W, 5%	1300447	41
2		TIE, CABLE	9007031	95	2	R23,R56	RESISTOR, 5.62K, 1/4W, 1%	1305128	42
2	C1,C15	CAPACITOR, .02UF, 100V, DISC.	1000004	96	11	R13,R15,R16,R17,R21,R22,R42	RESISTOR, 10K, 1/4W, 5%	1308479	43
1	R3	RESISTOR, 56, 1/4W, 5%	1302602	97		R46,R51,R57,R58			
1	R33	RESISTOR, 2.49K, 1/4W, 1%	1312626	98	2	R53,R24	RESISTOR, 100K, 1/4W, 5%	1302466	44
1	R38	RESISTOR, 10K, 2W, 10%	1316012	99	3	R8,R31,R40	RESISTOR, 10, 1/4W, 5%	1301317	45

ALTERNATE PARTS LIST

1		EYELET	9006732	76	1	R30	RESISTOR, 1.2K, 1W, 10%	1302950	49
7	C3,C12,C18,C27,C28,C32,C33	CAPACITOR .01 MF 50V	1001G10-00	9	1	R30	RESISTOR, 1.0K, 1W, 5%	1303122	50
QTY	REF. DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.	QTY	REF. DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.

[illegible]

REVISIONS				DRN. <u>B. J. Leger</u> DATE <u>5-28-75</u>	digital TITLE MOS REGULATOR H777	
				CHG'D. DATE <u>7-1-75</u>		
				ENG. <u>P. J. Leger</u> DATE <u>7-1-75</u>		
				PROD. ENG. <u>W. C. Gandy</u> DATE <u>7-22-75</u>		
				PROD. <u>R. E. Leger</u> DATE <u>8-14-75</u>		
				NEXT HIGHER ASSY		
DEC NO.	EIA NO.	DEC NO.	EIA NO.	SCALE <u>1-1</u>	SIZE CODE NUMBER REV.	
SEMICONDUCTOR CONVERSION CHART				SWFTY <u>1</u> OF <u>2</u>	D CS 5411601-0-1 N	
				DWT		

digital

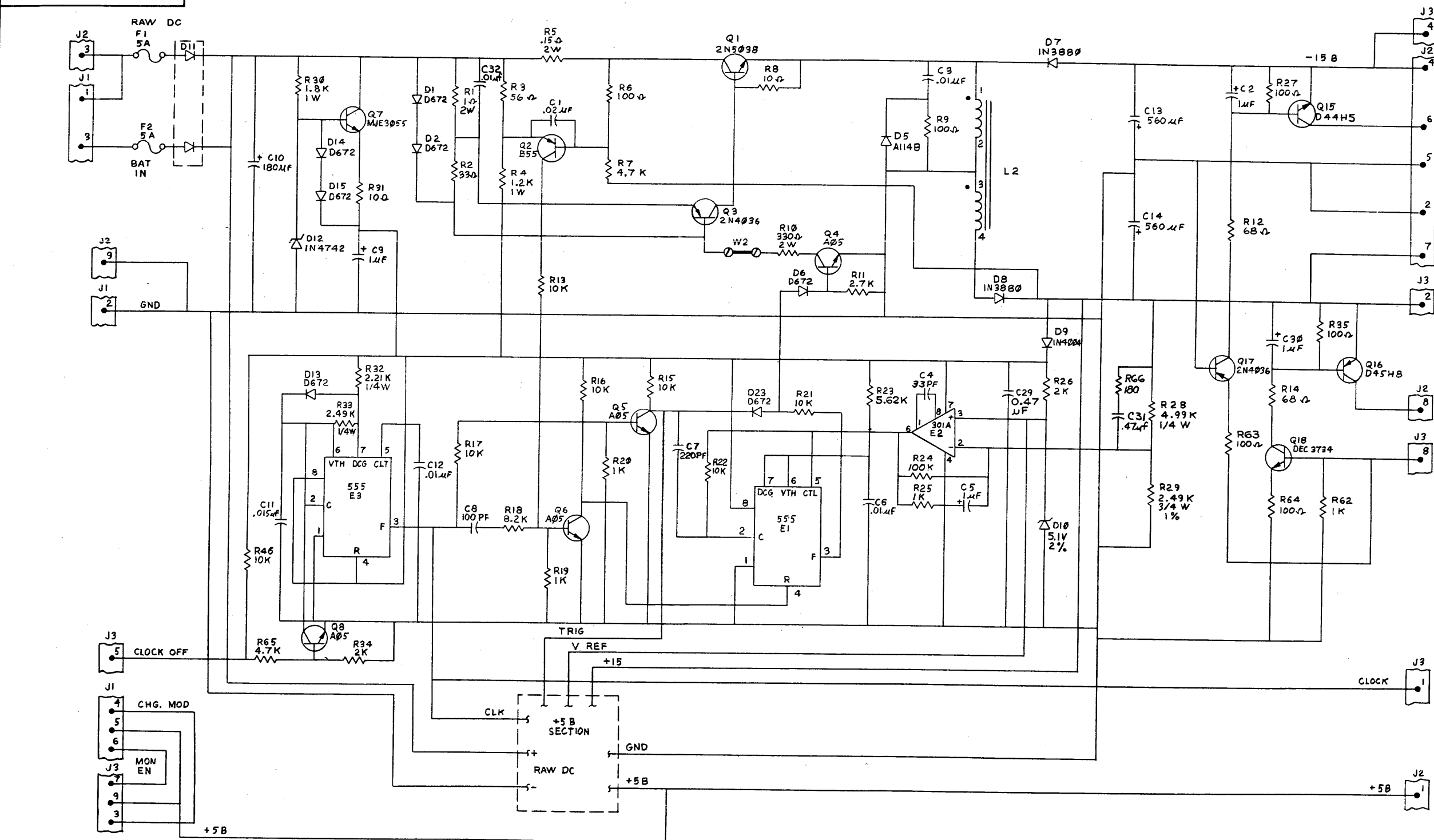
TITLE
MOS REGULATOR
H777

SIZE	CODE	NUMBER	REV
P	CS	5411601-0-1	N

GND AND 5V ARE USUALLY PIN 7 AND 14
RESPECTIVELY EXCEPTIONS ARE STATED ABOVE

IC PIN LOCATION

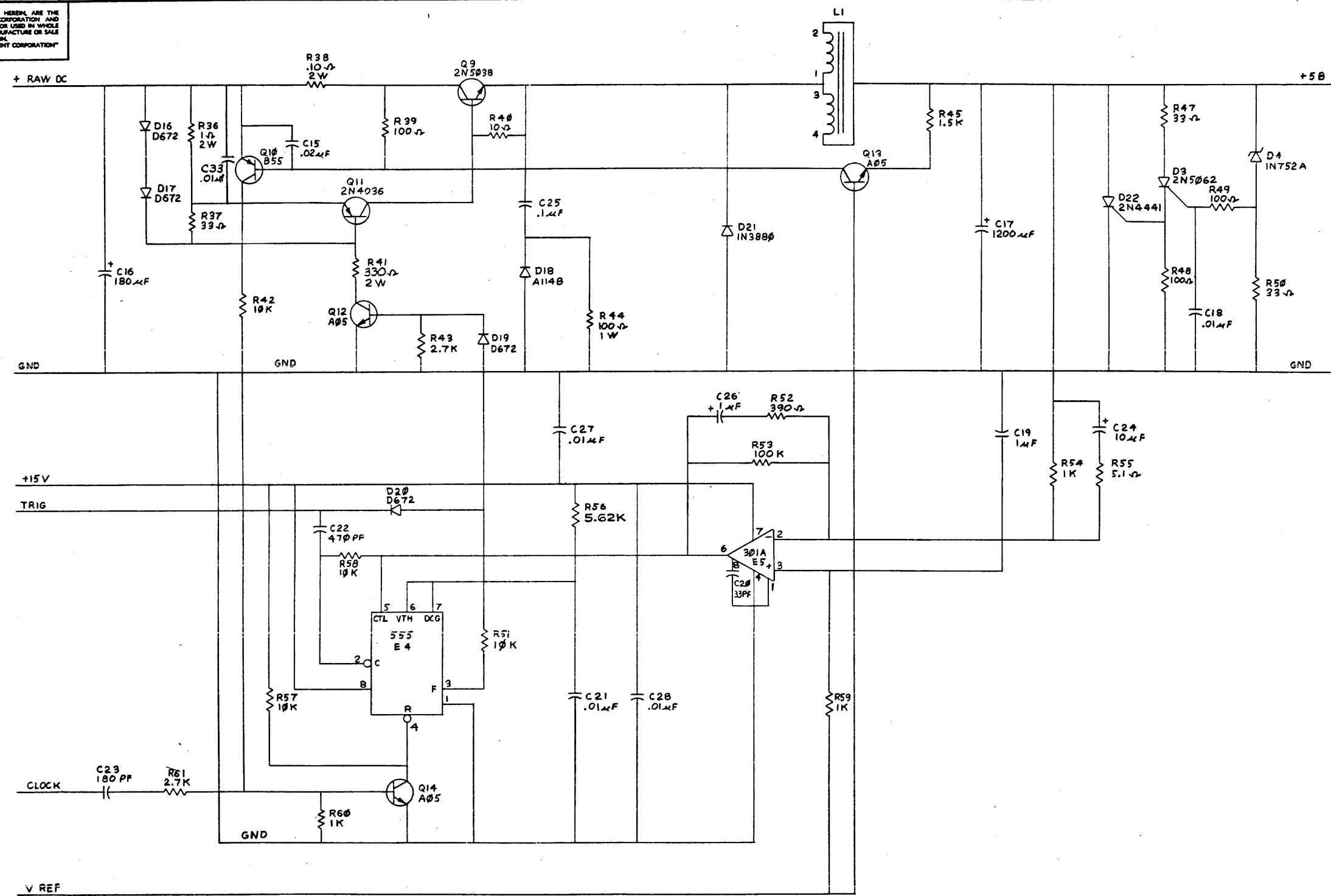
THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1975 DIGITAL EQUIPMENT CORPORATION



REVISIONS		
CHK	CHANGE NO.	REV.

TITLE		SIZE CODE	NUMBER	REV.
MOS REGULATOR H777		DCS	5411601-0-1	N
SCALE	SHEET	DIST.		
	2 OF 3			

"THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1975 DIGITAL EQUIPMENT CORPORATION"



REVISIONS		
CHK	CHANGE NO.	REV

TITLE		SIZE CODE		NUMBER		REV	
MOS REGULATOR H777		D CS		541601-0-1		N	
SCALE 77		SHEET 3 OF 3		DIST.			

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION
COPYRIGHT © 1976 DIGITAL EQUIPMENT CORPORATION

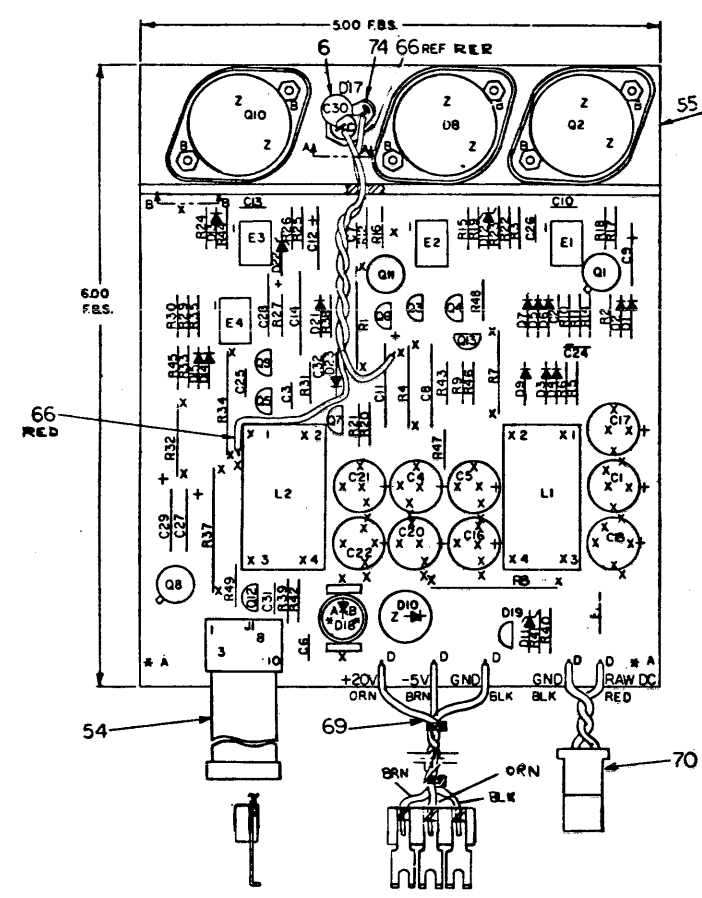
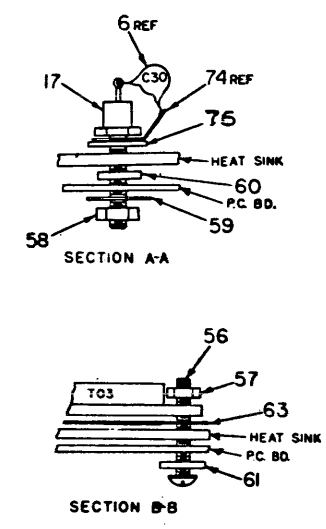
DEC FORM NO. 000 135-B

IC TYPE GND +5V

GND AND 5V ARE USUALLY PIN 7 AND 14 RESPECTIVELY EXCEPTS ARE STATED ABOVE

IC PIN LOCATIONS

NOTES:
USE TRANSIPAD DEC# 9007201 UNDER Q1&Q8



1		HEAT SINK	7416236-0-0	55	
6		SCREW, #4-40 x 1/2 18 PH HD	9006013-1	56	
6		NUT, KEP #4-40	9006557	57	
1		NUT, HEX #10-32	9006564	58	
1		WASHER, FLAT	9006662	59	
1		BUSHING, NYLON	9008440	60	
6		WASHER, FLAT	9008172	61	
A/R		COMPOUND, THERMAL	9008268	62	
3		INSULATOR, TO 3	1213071-02	63	
1		WASHER, THERMALFILM	9008424	64	
2		TRANSIPAD	9007201	65	
A/R		WIRE #18 AWG, TWISTED PAIR	9107430-02	66	
1	C29	CAPACITOR 2.2UF 20V	1002627	67	
1	R47	RESISTOR 200, 1/4W, 5%	1311522	68	
1		HARNESS (THREE WIRE)	C-1A 7012547-0-0	69	
1		HARNESS (TWO WIRE)	C-1A 7012546-0-0	70	
1	C12	CAPACITOR, 10uf, 20V, 10%, TANT	1004813	71	
1	D23	DIODE, 1N753A	1102421	72	
1	C26	CAPACITOR, .47uf, 25V, 20%, CER	1010279	73	
1		SOLDER, TERM, SCREW MTG.	9007315	74	
1		SIL PAD .80D .190 I.D.	1213071-05	75	
1	C32	CAP. 1UF 50V CER.	1010274-02	76	

REF		X-Y COORDINATE HOLE LOCATION	K-CO-5411599-0-4	1
REF		ASSY/DRILLING HOLE LAYOUT	D-AH-5411599-0-5	2
REF		MODULE ECO HISTORY	B-MH-5411599-0-6	3
1		ETCHED CIRCUIT BOARD	5011598	4
1	C7	CAPACITOR, 100PF, 100V, 5%	1000016	5
6	C2, C3, C6, C30, C24, C25	CAPACITOR, 01uf, 100V DISC	1001610-01	6
3	C9, C27, C28	CAPACITOR, 1uf, 35V, 10% TANT	1001776	7
2	C10, C13	CAPACITOR, 33pf, 100V DW	1000009	8
1	C11	CAPACITOR, 1.5uf, 35V, 10% TANT	1009725	9
2	C8, C14	CAPACITOR, 01uf, 100V, 10% MYLAR	1005784	10
1	C31	CAPACITOR, 220pf, 100V, 5%	1000021	11
2	C5, C16	CAPACITOR, 1200uf, 63V	1012607-01	12
7	C1, C17, C19, C4, C2QC21, C22	CAPACITOR, 190uf, 50V	1012607-02	13
1	D22	DIODE, 1N4742	1109502	14
1	D10	DIODE, MR1033B	1103341	15
10	D1 THRU D7, D14, D15, D21	DIODE, D672	1105275	16
1	D17	DIODE, 1N3880	1109440	17
2	D12, D13	DIODE, 1N751, 51V 2%	1110713	18
1	D8	DIODE	1110715	19
1	D11	DIODE, 1N970B	1110856	20
1	D19	DIODE, 2N5062	1110968	21
1	D9	DIODE, A1140	1112595-01	22
1	F1	FUSE, 15A, PICO	1210529	23
1	R46	RESISTOR, 18K, 1/4W, 5%	1302465	24
6	R9, R39, R40, R41, R43, R49	RESISTOR, 100, 1/4W, 5%	1300229	25
1	R7	RESISTOR, 100, 1W, 5%	1300232	26
3	R11, R2, R33	RESISTOR, 390, 1/4W, 5%	1300309	27
6	R6, R12, R23, R31, R17, R48	RESISTOR, 1K, 1/4W, 5%	1300365	28
3	R10, R14, R30	RESISTOR, 27K, 1/4W, 5%	1300426	29
4	R42, R44, R15, R27	RESISTOR, 47K, 1/4W, 5%	1300447	30
1	R4	RESISTOR 1K, 1W, 5%	1300368	31
3	R16, R29, R38	RESISTOR, 10K, 1/4W, 5%	1300479	32
2	R3, R35	RESISTOR, 10, 1/4W, 5%	1301317	33
1	R45	RESISTOR, 470, 1/4W, 5%	1300316	34
1	R5	RESISTOR, 27, 1/4W, 5%	1301522	35
1	R34	RESISTOR, 330, 2W, 10%	1301961	36
1	R19	RESISTOR, 2K, 1/4W, 5%	1302389	37
2	R18, R26	RESISTOR, 102K, 1/4W, 5%	1302466	38
1	R22	RESISTOR, 2.74K, 1/4W, 1"	1304968	39
2	R1, R32	RESISTOR, 1, 2W, 5% WW	1305428	40
2	R24, R25	RESISTOR, 1.5K, 1/4W 5%	1300391	41
1	R21	RESISTOR, 8.25K, 1/4W, 1%	1309420	42
2	R8, R37	RESISTOR, 08, 5W, 3% WW	1311603	43
1	R20	RESISTOR, 56, 1/4W, 5%	1302602	44
2	Q1, Q8	TRANSISTOR, 2N4836	1509700	45
7	Q3, Q5, Q6, Q7, Q9, Q12, Q13	TRANSISTOR, XA85	1510705	46
1	Q4	TRANSISTOR, XA55	1510705	47
1	D18	TRANSISTOR, C32AX135	1510928	48
2	Q2, Q10	TRANSISTOR, 2N5038	1510969	49
1	Q11	TRANSISTOR, 2N5433	1511686	50
2	L1, L2	INDUCTOR, 500uh	1612593	51
2	E1, E3	I.C DEC 301A	1910282	52
2	E2, E4	I.C DEC 555	1911944	53
1	J1	CABLE ASSY	7011414 -OE	54

QTY	REF. DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
-----	------------------	-------------	----------	----------

FIRST USED ON OPTION MODEL

ETCH BOARD REV. D

DATE 11/17/77

CHKD 11/17/77

ENG 11/17/77

PROJ. ENG 11/17/77

PROD. 11/17/77

NEXT HIGHER ASSY

E-UA-H777-0-0

SCALE 1 OF 2

SHEET 1 OF 2

REV. J

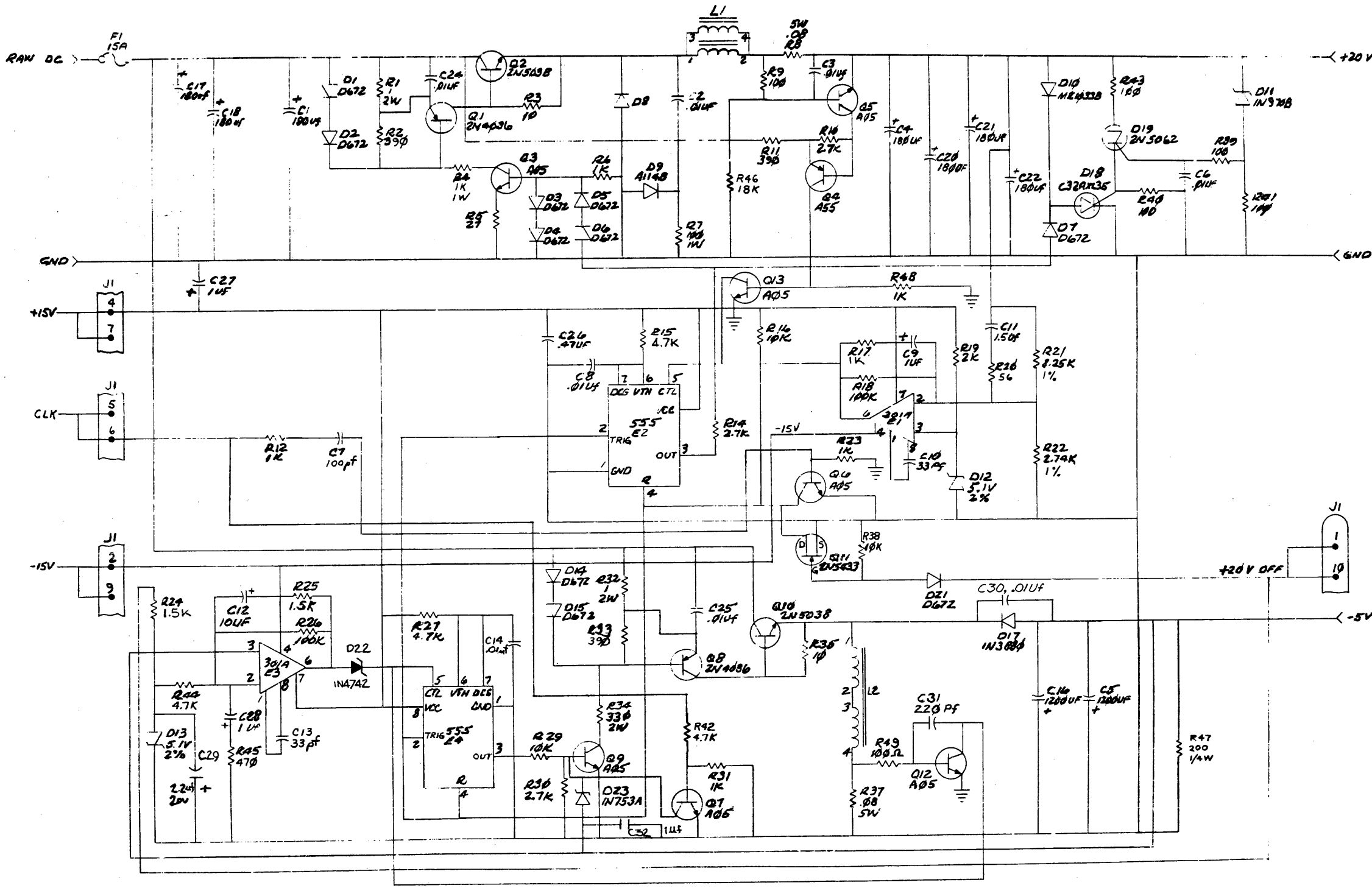
SIZE CODE DCS 5411599-0-1

NUMBER 5411599-0-1

ITEM NO. 1

SEMICONDUCTOR CONVERSION CHART

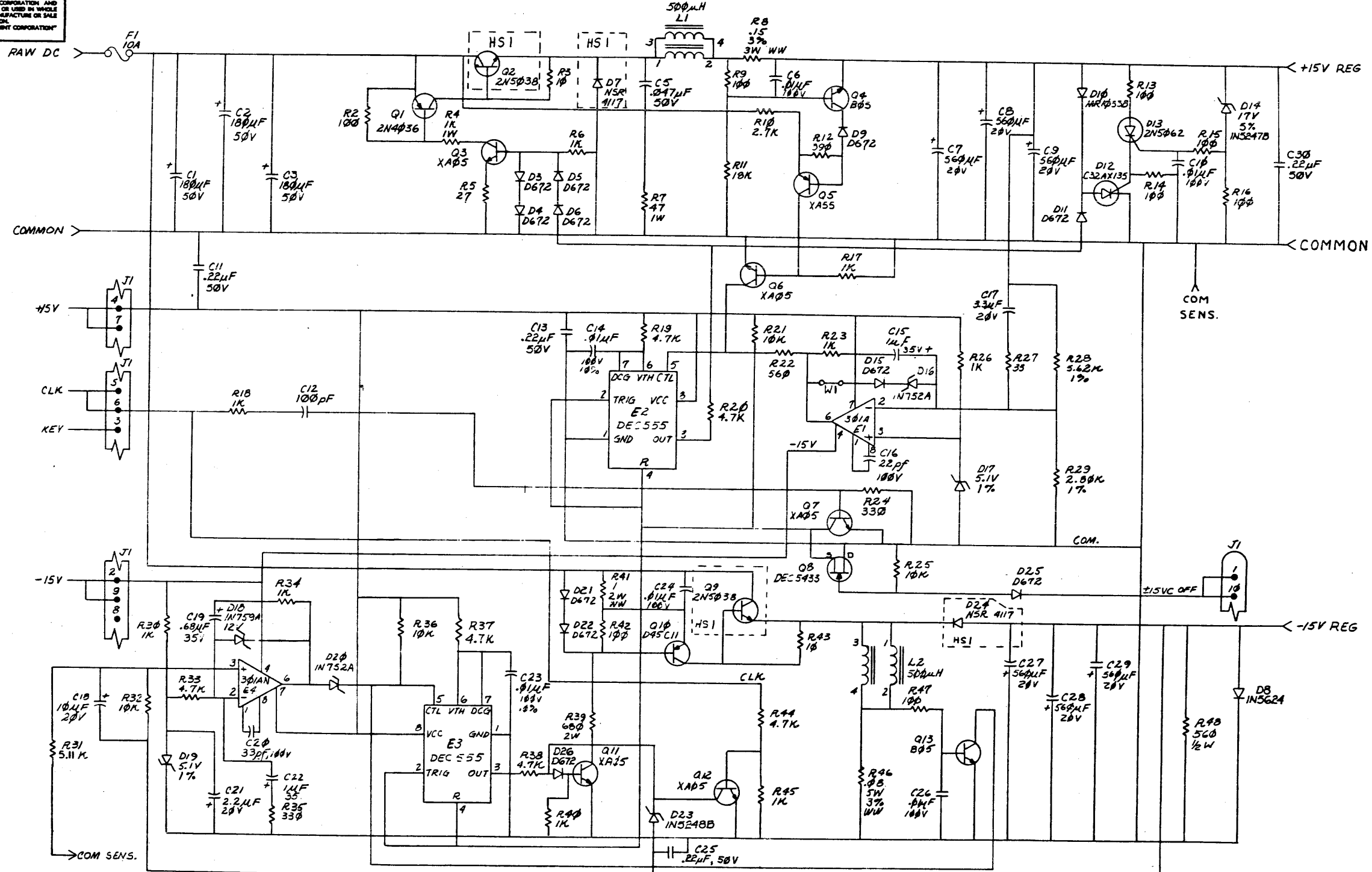
THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION.
COPYRIGHT © 1974 DIGITAL EQUIPMENT CORPORATION



REVISIONS		
CHK	CHANGE NO.	REV

TITLE		SIZE CODE	NUMBER	REV.
+20V REGULATOR/H777		D/CS	5411599-0-1	J
SCALE		SHEET	OF	
1:1		2	2	

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1980 DIGITAL EQUIPMENT CORPORATION



DRN. 1000	3/2/79	FIRST USED ON	H777-UA,UB	
CHKD. 1000	3/2/79	TITLE	±15V	
ENG. H. H. H.	1/1/80	REGULATOR		
PROL. ENG. H. H. H.	1/1/80			
PROD. H. H. H.	1/1/80			
NEXT HIGHER ASSY.				
B-DD-5413764-0		SIZE CODE	D CS	NUMBER
SCALE				5413764-0-1
SHEET 1	OF 1	DIST.		

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY	PER VARIATION	REFERENCE DESIGNATOR
1	1	D-UA-5413764-0-0		UNIT ASSY			
2	2	D-CS-5413764-0-1		CKT SCHEMATIC			
3	3		5013763-00	DRILL & ETCH BRD	1		
4	4		1000009-00	33.0 MMF 100V 55200PPM MICA	1		C20
5	5		1000016-00	100.0 MMF 100V 5%200PPM MICA	1		C12
6	6		1001610-01	.01 MFD 50/100V +80-20% DISC	4		C6, C10, C24, C26
7	7		1001776-00	1 MFD 35V 10% S.TANT	2		C15, C22
8	8		1002627-00	2.2MFD 20V 10% S.TANT	1		C21
9	9		1004813-00	10 MFD 20V 10% S.TANT	1		C18
10	10		1005334-00	3.3MFD 20V 10% S.TANT	1		C17
11	11		1005784-00	.01 MFD 100V 10% MYLR	2		C14, C23
12	12		1005820-00	22.0 MMF 100V 5%200PPM MICA	1		C16
13	13		1009964-00	.68 MFD 35V 10% S.TANT	1		C19
14	14		1010274-01	.22 MFD 50V +80-20% Z5U CER	4		C25, C30, C11, C13
15	15		1010978-32	.047 MFD 50V 10% CER	1		C5
16	16		1012607-00	560 MFD 20V+100-10% AL EL	6		C7-C9, C27-C29
17	17		1012607-02	180 MFD 50V+100-10% AL EL	3		C1-C3
18	18		1102808-00	1N 752A VZ= 5.6 5% .40W	2		D16, D20
19	19		1103341-00	MR10338 PIV=300 I= 3A Z44 SM	1		D10
20	20		1105275-00	D 672 TR= 15NS PIV= 60V SI	1		D3-D6, D9, D11, D15, D21, D22, D25, D26
21	21		1105871-00	1/4MS.1AZ1 = 5.1 1% .25W N	2		D17, D19
22	22		1110420-00	1N 5624 PIV=200 I= 5A	1		D8
23	23		1110766-00	1N 5248B VZ= 18.0 5% .50W	1		D23
24	24		1110836-00	1N 759A VZ= 12.0 5% .40W	1		D18
25	25		1110968-00	2N 5062 SCR@100V I=.8A T092	1		D13
26	26		1116461-00	NSR4117 PIV=100 I=12A	2		D7, D24
27	27		1116805-01	1N5247B VZ= 17.0 5% 500MW	1		D14
28	28		1210929-01	FUSE, SUB-MINI, 10.000A, 125V, A	1		F1
29	29		1213071-02	INSULATOR, RUBBER SILICONE SM	2		
30	30		1213071-05	INSULATOR, RUBBER THERMAL	2		

REVISION HISTORY		BASIC PART NO: 5413764		DRN: PAUL NORMAN		DATE: 07-JAN-80		D I G I T A L	
ENG	ECO NUMBER	REV	SECTION A OF A	CHK'D: P. BOSSMAN		DATE: 08-JAN-80		TITLE PARTS LIST	
	INITIAL	A	SECTION VARIATION INDEX					PLUS/MINUS 15V REGULATOR	
			[A] 00	DES. ENG: W. BAUSHA		DATE: 08-JAN-80			
			[B]	RESP. ENG.: W. BAUSHA		DATE: 18-MAR-80		DOCUMENT NUMBER	
			[C]					SIZE CODE NUMBER REV	
			[D]	MFG. ENG.: JOSE OLIVENCIA		DATE: 18-MAR-80		K PL 5413764-0-DBP A	
			[E]	ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME: EDIT #	
			[F]	D-UA-5413764-0-0		B-00-5413764-0-0		20234A.PLS 33	
			[G]						
			[H]						
			[I]						
			[J]						
			[K]						
			[L]						
			[M]						
			[N]						
"THIS DRAWING AND SPECIFICATIONS HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT (C) 1981. DIGITAL EQUIPMENT CORPORATION"									

AUTOMATED BY PRTLST.3K(27)

PARTS LIST

SHEET A2 OF A3

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY	PER VARIATION	REFERENCE DESIGNATOR
					00		
31	45		1300197-00	33.0 .25 W 5.0 % CC	1		R27
32	32		1300229-00	100.0 .25 W 5.0 % CC	8		R2,R9,R13-R16,R42,R47
33	31		1300250-00	*** THIS ITEM IS NOT USED ***	-		
34	34		1300295-00	330.0 .25 W 5.0 % CC	2		R35,R24
35	35		1300309-00	390.0 .25 W 5.0 % CC	1		R12
36	36		1300338-00	560.0 .50 W 5.0 % CC	1		R48
37	37		1300348-00	680.0 2.0 W 5.0 % CC	1		R39
38	38		1300365-00	1.0 K .25 W 5.0 % CC	9		R6,R17,R18,R23,R26,R30,R34,R40,R45
						CONT	
39	39		1300368-00	1.0 K 1.0 W 5.0 % CC	1		R4
40	40		1300426-00	2.70 K .25 W 5.0 % CC	1		R10
41	41		1300447-00	4.70 K .25 W 5.0 % CC	6		R19,R33,R37,R38,R44,R20
42	42		1300479-00	10.0 K .25 W 5.0 % CC	3		R21,R25,R36
43	43		1301317-00	10.0 .25 W 5.0 % CC	2		R3,R43
44	44		1301522-00	27.0 .25 W 5.0 % CC	1		R5
45	81		1301890-00	560.0 .25 W 5.0 % CC	1		R22
46	33		1302199-00	47.0 1.0 W 5.0 % CC	1		R7
47	46		1302465-00	18.0 K .25 W 5.0 % CC	1		R11
48	47		1305128-00	5.62 K .25 W 1.0 % RN55D-F10	1		R28
49	48		1305145-00	2.80 K .25 W 1.0 % RN55D-F10	1		R29
50	49		1305428-00	1.0 2.0 W 5.0 % WW	1		R41
51	50		1311603-00	.08 5.0 W 3.0 % WW	1		R46
52	51		1304854-00	5.11 K .25 W 1.0 % RN55D-F10	1		R31
53	52		1316597-00	.15 3.0 W 3.0 % WW	1		R8
54	53		1509700-00	2N 4036 PNP 7WC SI 80100 M	1		Q1
55	54		1510705-00	XA 05 NPN 500MW SI 60 50 P	5		Q3,Q6,Q7,Q11,Q12
56	55		1510705-01	B 05 NPN 500MW SI 60 50	2		Q4,Q13
57	56		1510706-00	XA 55 PNP 500MW SI 60 50 P	1		Q5
58	57		1510928-00	C32AX135 SCR 100V I=25A	1		D12
59	58		1510969-00	2N 5038 NPN 140WC SI 90 50 Y	2		Q2,Q9
60	59		1511686-00	DEC5433 FET N 350MW 10 25 1A	1		Q8
61	60		1514431-00	D 45C11 PNP 30W SI 80 40	1		Q10
62	61		1612593-00	500 UH 6A	2		L1,L2
63	62		1910282-00	301AM OP AMP	2		E1,E4
64	63		1911944-00	555CN TIMER,FUNCT.BLOCK	2		E2,E3
65	80	D-MD-5013763-0-0		DRILL & ETCH BRD	REF		
66	64		7011414-0E	3M CABLE H777 CORE	1		J1
67	65	C-IA-7012546-0-0	7012546-00	TWO (2) WIRE CABLE	1		
68	66	C-IA-7012547-0-0	7012547-00	THREE (3) WIRE CABLE	1		
69	67	C-IA-7422935-0-0	7422935-00	HEAT SINK	1		HS1
70	68		9006013-01	SCREW,PAN,PHIL 4-40K 1/2 SS	4		
71	69		9006557-00	NUT,KEP 4-40X 1/4 AF	4		
72	72	(FOR Q1)	9007201-00	TRANSIPADS #10253	1		
73	73		9007815-00	TERM LUG 1POS SOLDER	1		
74	71		9007906-00	WASHER, LOCK S.S. #10	1		
75	74		9008172-00	WASHER, FLAT,SS .250 OD X .125 I	2		
76	76		9008440-00	BUSHING,INSUL,NYLON .248OD .125	4		
77	70		9009005-00	NUT,HEX , 10-32 XI/4 AF X 3	2		

D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							PLUS/MINUS 15V REGULATOR		K	PL	5413764-0-DBP	A

AUTOMATED BY PRTLST.3K(27)

PARTS LIST

SHEET A3 OF A3

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION 00	REFERENCE DESIGNATOR
78	77	(USED UNDER D12)	9009185-00	JUMPER, WIRE, INSULATED, BLACK B	1	W1
79	78		9009222-00	CLIP, SCR, ADAPTOR	1	
80	82		9107360-22	WIRE, STRND, 18AWG, IPVC UL1429	A/R	
81	79		9107430-02	WIRE, STRND, 18AWG, IPVC (UL1429)	A/R	
82	83		1303312-00	10.0 K .25 W 1.0 % RN55D-F10	1	R32
83	84		9008880-00	TAPE, FIBER GLASS 1/2" X 66 FT.	A/R	
84	85		9105740-55	WIRE(WRAP)30AWG UL1423	A/R	

D I G I T A L										TITLE PLUS/MINUS 15V REGULATOR										SECTION A OF A										SIZE CODE: K PL										DOCUMENT NUMBER: 5413764-0-DBP										REV: A									
---------------	--	--	--	--	--	--	--	--	--	--------------------------------	--	--	--	--	--	--	--	--	--	----------------	--	--	--	--	--	--	--	--	--	-----------------	--	--	--	--	--	--	--	--	--	--------------------------------	--	--	--	--	--	--	--	--	--	--------	--	--	--	--	--	--	--	--	--

1 MS# 180494B

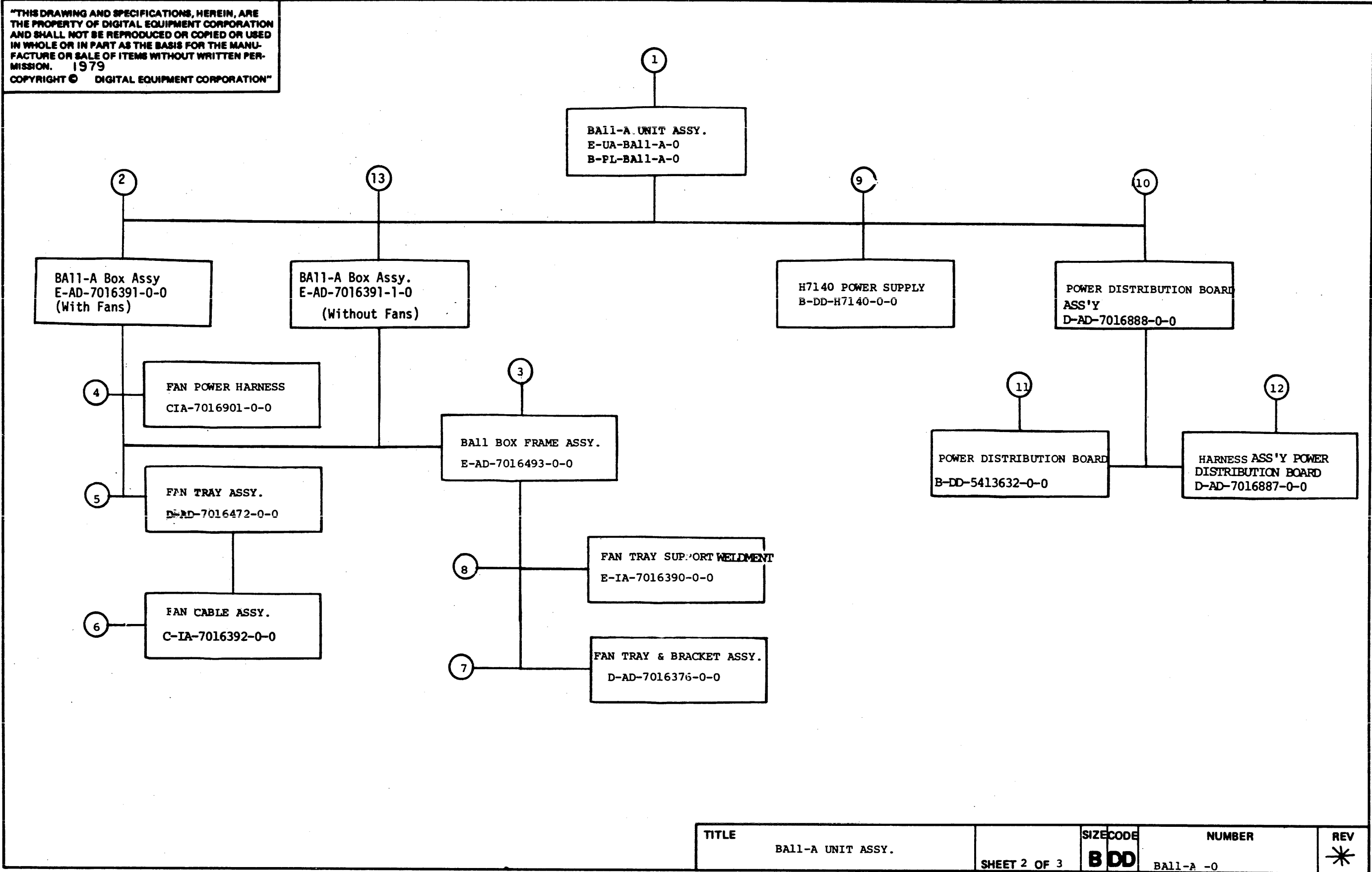
"THE MATERIAL HEREIN IS FOR INFORMATION PURPOSES ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE. DIGITAL EQUIPMENT CORPORATION ASSUMES NO RESPONSIBILITY FOR ANY ERRORS WHICH MAY APPEAR HEREIN."

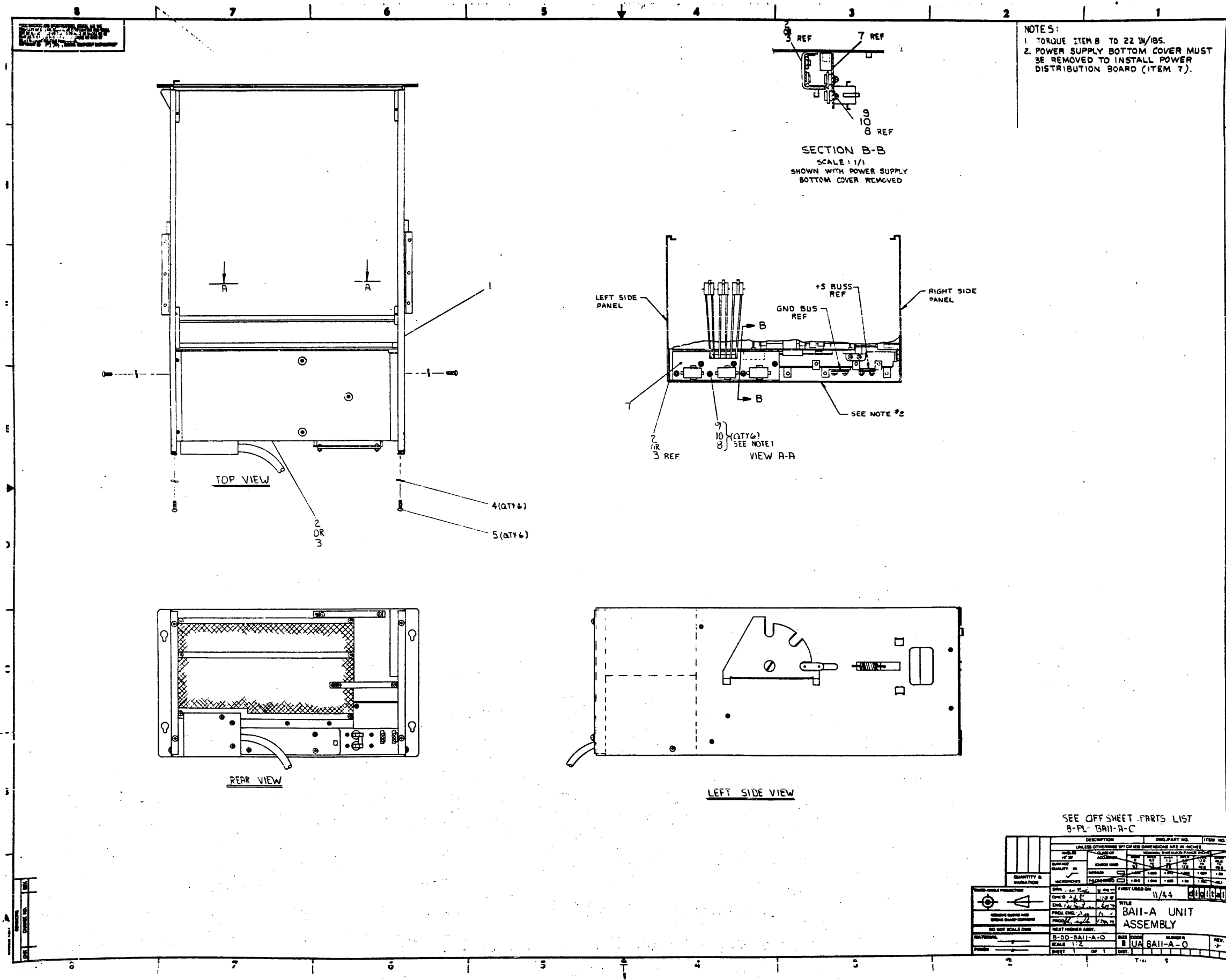
DRAWING DIRECTORY

THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1979 DIGITAL EQUIPMENT CORPORATION.

[illegible][illegible]

"THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. 1979
COPYRIGHT © DIGITAL EQUIPMENT CORPORATION"



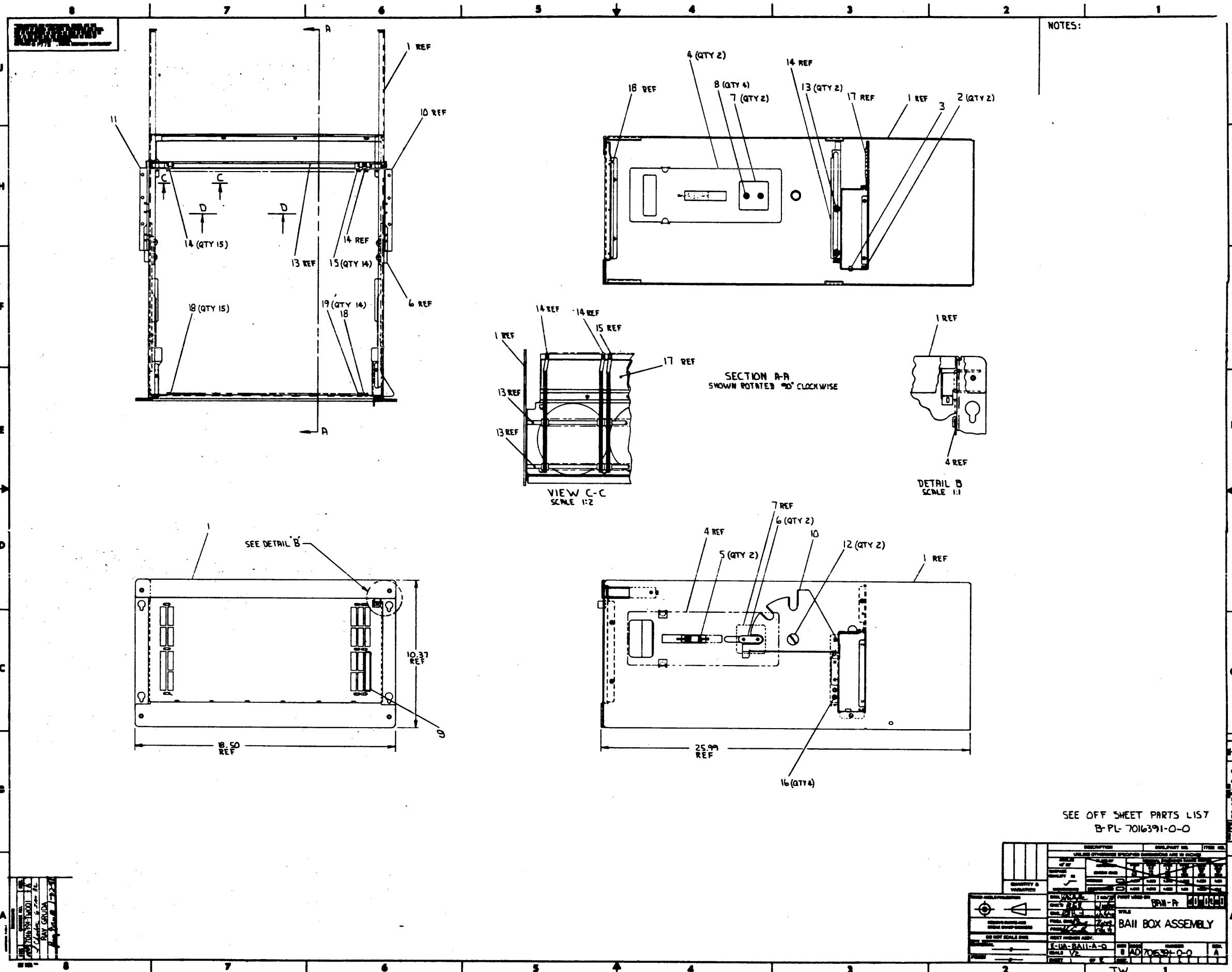


DIGITAL EQUIPMENT CORPORATION PARTS LIST				QUANTITY / VARIATION												NOTES:			
MADE BY JOHN NAGLE DATE 8 APRIL 1979		CHECKED <i>[Signature]</i> DATE 6/29/79		SECTION															
ENG <i>Ron Bondreau</i> DATE 6/29/79		PROD <i>John Conella</i> DATE 6/29/79		ISSUED SECTION															
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	BA11-AA	BA11-AB												REF DESIGNATION		
1	E-AD-7016391-0-0		BA11 BOX ASSY	1	1														
2	E-UA-H7140-0-0		H7140-AA PWR SUPPLY 120V	1	1														
3	E-UA-H7140-0-0		H7140-AB PWR SUPPLY 240V	1	1														
4	9006690-00		LOCKWASHER #8 SPLIT RING	6	6														
5	9006418-01		SCREW 8-32 X .38 TAPTITE	6	6														
6	A-SP-3700472-0-0		PACKAGING INSTRUCTIONS	REF	REF														
7	D-AD-7016888-0-0		POWER DISTRIBUTION BOARD	1	1														
8	9006039-01		SCREW #8-32 X .50 PLIPS PAN HD	6	6														
9	9006661-00		#8 FLAT WASHER	6	6														
10	9006690-00		#8 HELICAL SPLIT LOCKWASHER	6	6														

E.C.O. NO.	TITLE BA11-A UNIT ASSEMBLY		ASSY NO. E-UA-BA11-A-0		SIZE B	CODE PL	NUMBER BA11-A-0		REV. *
			SHEET 1 OF 1		INSERTION PARTS LIST DATA BASE REV				

"THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT ©1979 DIGITAL EQUIPMENT CORPORATION"

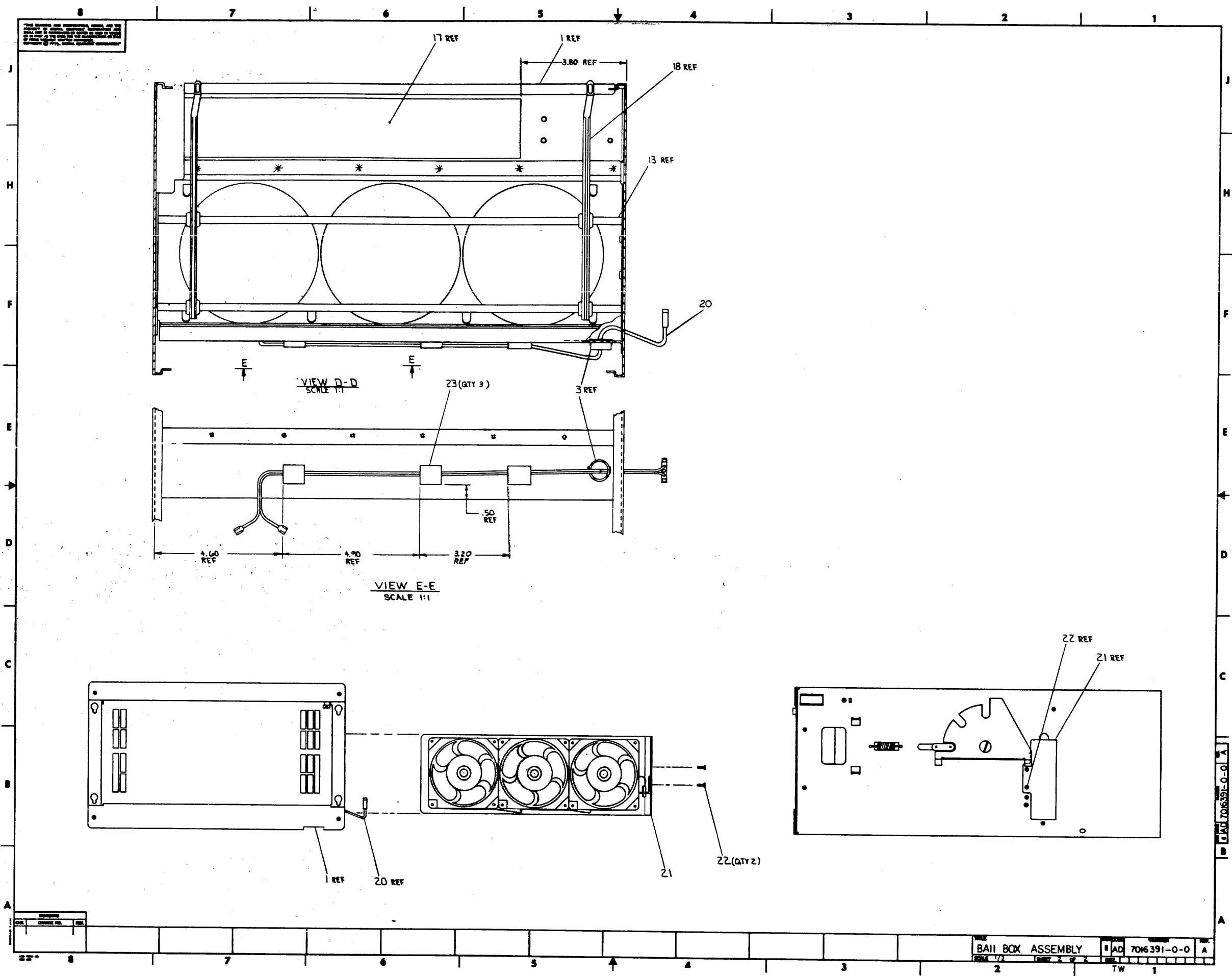
DRB 125



NOTES:

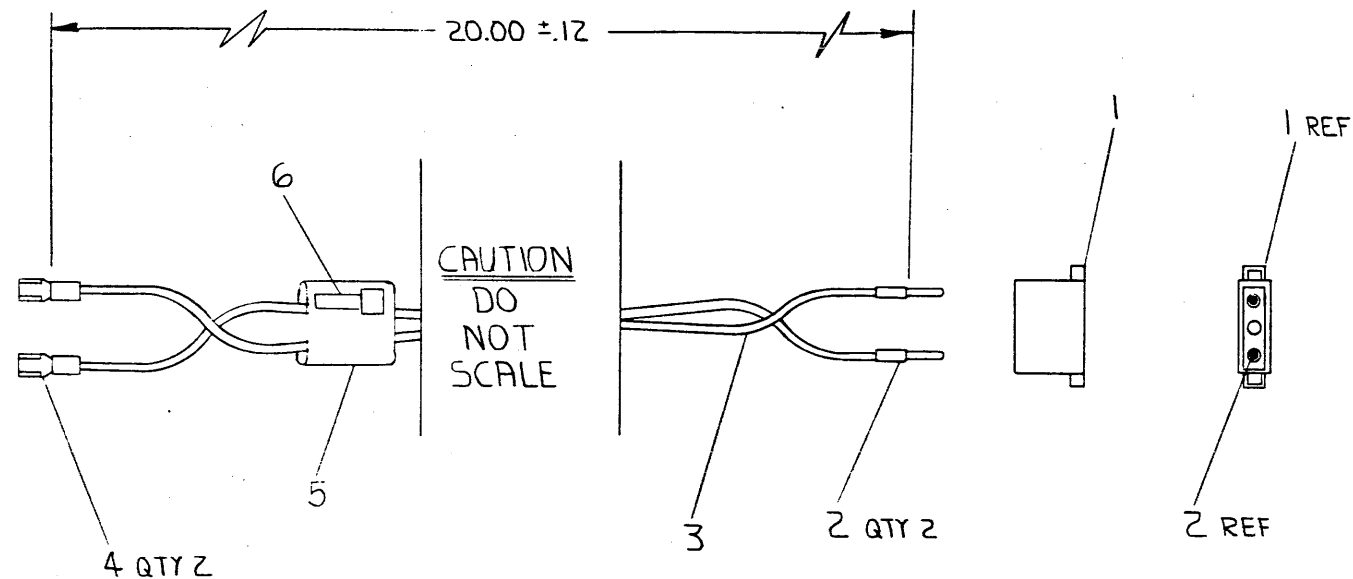
SEE OFF SHEET PARTS LIST
B-PL-7016391-0-0

ITEM NO.	DESCRIPTION	QUANTITY	UNIT
1	1	1	REF
2	2	2	QTY 2
3	3	2	QTY 2
4	4	2	QTY 2
5	5	2	QTY 2
6	6	2	QTY 2
7	7	2	QTY 2
8	8	4	QTY 4
9	9	2	QTY 2
10	10	1	REF
11	11	1	REF
12	12	2	QTY 2
13	13	2	QTY 2
14	14	1	REF
15	15	14	QTY 14
16	16	4	QTY 4
17	17	1	REF
18	18	1	REF
19	19	14	QTY 14



DIGITAL EQUIPMENT CORPORATION PARTS LIST				QUANTITY / VARIATION												NOTES:			
MADE BY J. NAGLE DATE 8 JUNE 1979		CHECKED <i>[Signature]</i> DATE 6/29/79		SECTION															
ENG <i>Rev. [Signature]</i> DATE 6/24/79		PROD <i>[Signature]</i> DATE 6 JUL-79		ISSUED SECTION															
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	7016391-0-0	7016391-1-0												REF DESIGNATION		
1	E-IA-7016493-0-0		BA11 BOX FRAME ASSY	1	1														
2		9010107-00	CARD GUIDE (FAN TRAY)	2	2														
3		9007783-00	SNAP BUSHING	1	1														
4		1216189	RETRACTOR, SLIDE PAWL	2	2														
5		1216190	SPRING, SLIDE PAWL	2	2														
6	B-MD-7421611-0-0		SLIDE PAWL	2	2														
7	B-MD-7421444-0-0		PLATE, SLIDE NUT	2	2														
8		1216785	SEMS SCREW, PHIL TRUSS HD #10-32X.437 INT TOOTH	4	4														
9		9007035-00	GROMMET, CATAPILLER TYPE 5.70 INCHES	1	1														
10	D-MD-7421613-0-0		PLATE, SLIDE INDEX, RIGHT HAND	1	1														
11	D-MD-7421613-0-1		PLATE, SLIDE INDEX, LEFT HAND	1	1														
12		1216197	PIVOT SCREW	2	2														
13	B-MD-7421612-0-0		BAR, GUIDE MOUNTING	2	2														
14		1215848-0	CARD GUIDE (NATURAL)	15	15														
15		1215848-1	CARD GUIDE (BLACK)	14	14														
16		9010118-00	SCREW, NYLOCK 100° C SINK PHLP HD .31X#10-32	4	4														
17		9009087	FOAM TAPE, .125 X 2.10 X 12"	1	1														
18		1212405-0	CARD GUIDE (SNAP IN) WHITE	15	15														
19		1212405-10	CARD GUIDE (SNAP IN) BLACK	14	14														
20	C-IA-7016901-0-0		FAN POWER HARNESS	1	-														
21	D-AD-7016472-0-0		FAN TRAY ASSY	1	-														
22		9010120-00	SCREW 6-32 X .187 NYLOCK	2	-														
23		9009636-00	CABLE CLAMP	3	3														
E.C.O. NO. TWOOI																			
"THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1979 DIGITAL EQUIPMENT CORPORATION"				TITLE BA11 BOX ASSEMBLY				ASSY NO. E-AD-7016391- 0-0				SIZE B	CODE PL	NUMBER 7016391-0-0		REV. A			
								SHEET 1 OF 1				INSERTION PARTS LIST DATA BASE REV							

"THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © (1977), DIGITAL EQUIPMENT CORPORATION"



1	TIE, CABLE SSTI-M	9007031-00	6
1	CABLE, CABLE I.D.	9009532-00	5
2	TERM. GCK 1 POS INS 22-18A ROLL	9007970-00	4
W/R	WIRE, 18 AWG TWST PAIR	9107430-29	3
2	PIN, MATE'N LOC 18 AWG	1209378-00	2
1	CONN, MATE'N LOC 3 PIN	1209351-03	1

				DESCRIPTION			DWG./PART NO.			ITEM NO.			
				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES									
				ANGLES ±0° 30'	CLASS OF ACCURACY (CHECK ONE)	NOMINAL DIMENSION RANGE INCHES							
						OVER 0 TO 0.2	OVER 0.2 TO 1.2	OVER 1.2 TO 4.0	OVER 4.0 TO 12.0	OVER 12.0 TO 40.0	OVER 40.0 TO 80.0		
SURFACE QUALITY IN MICROINCHES	MEDIUM ☐	±.004	±.008	±.012	±.016	±.024	±.04						
	PREFERRED ☐	±.012	±.016	±.025	±.04	±.063	±0.1						
QUANTITY & VARIATION													

THIRD ANGLE PROJECTION	DRN <i>John A. Lope</i> 6/24/79	FIRST USED ON	BAIL-A	digital
REMOVE BURRS AND BREAK SHARP CORNERS	CHK'D <i>P. L.</i> 9/11/79	TITLE	FAN POWER HARNESS	
DO NOT SCALE DWG	ENG. <i>P. L.</i> 4/14/79	SIZE	CODE	NUMBER
MATERIAL	PROJ. ENG. <i>P. L.</i> 6-29-79	C	IA	7016901-0-0
FINISH	PROD. <i>John A. Lope</i> 29 Jun 79	DIST.		
	NEXT HIGHER ASSY.			
	EAD-7016391-0-0			
	SCALE NONE			
	SHEET 1 OF 1			

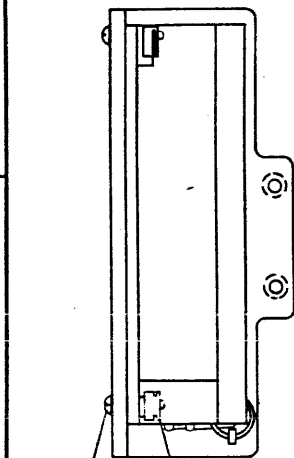
REV.	CHANGE NO.	DATE
A	7016901-TW001	5/27/79
J. NAGLE		

REVISIONS

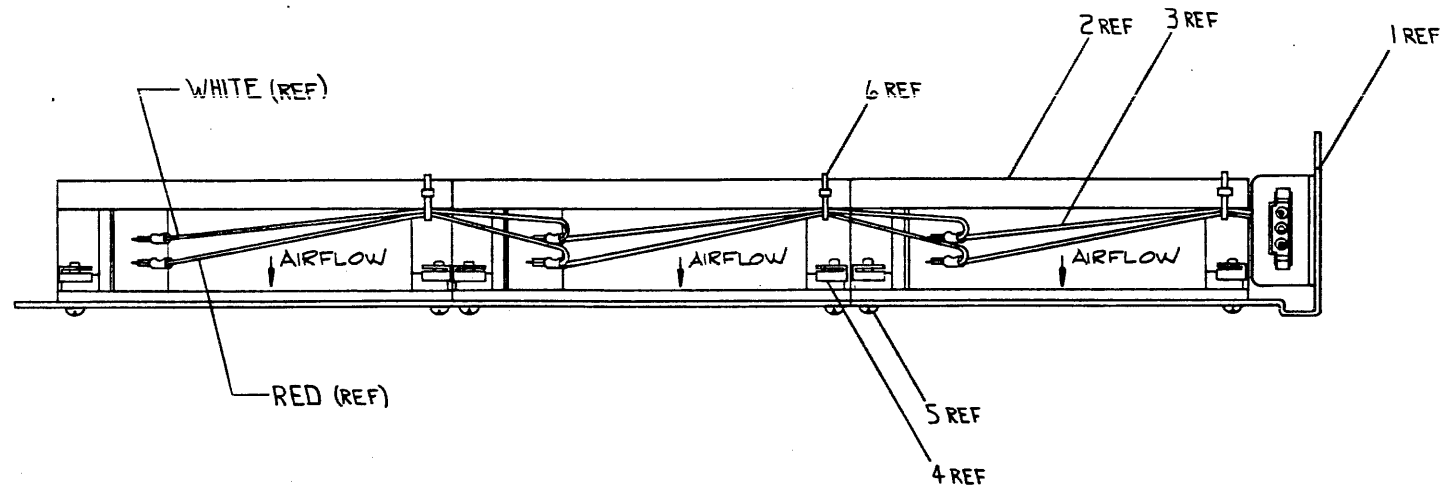
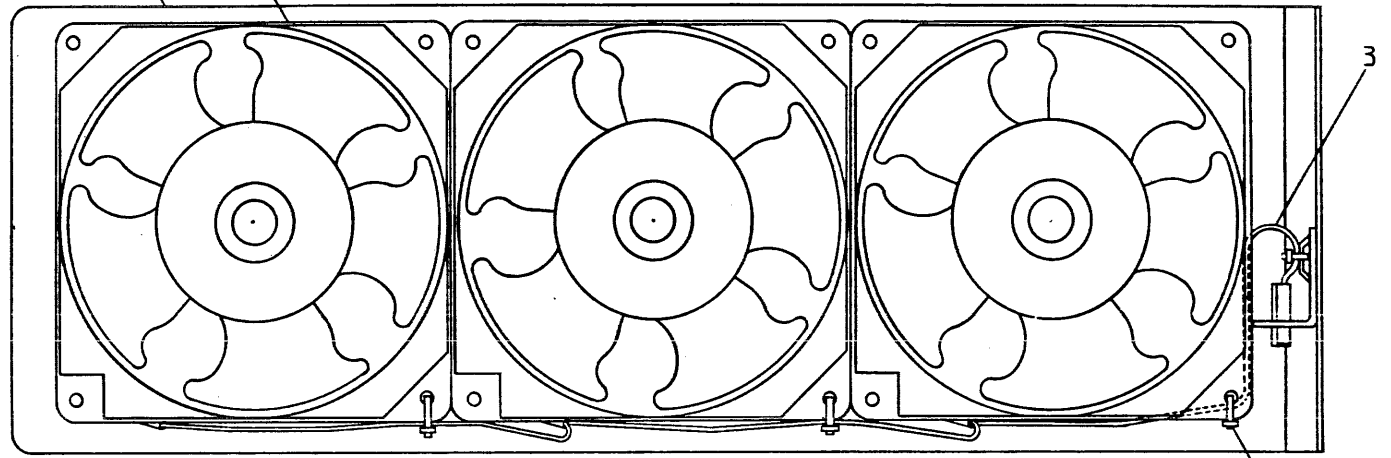
4 3 2 1

TW 1

THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION.
COPYRIGHT © 1978, DIGITAL EQUIPMENT CORPORATION



5 (QTY 12) 4 (QTY 12)



4	TIE WRAP	9007031-00	6
12	SCREW TRUSS HD 6-32x.62	9006025-03	5
12	CLIP FAN	9009165-02	4
1	CABLE FAN ASSEMBLY	D-1A-7016392-0-0	3
3	FAN, 35V, 70 HZ, SQ WAVE	1216563-00	2
1	FAN TRAY & BRKT ASSY	D-AD-7016376-0-0	1

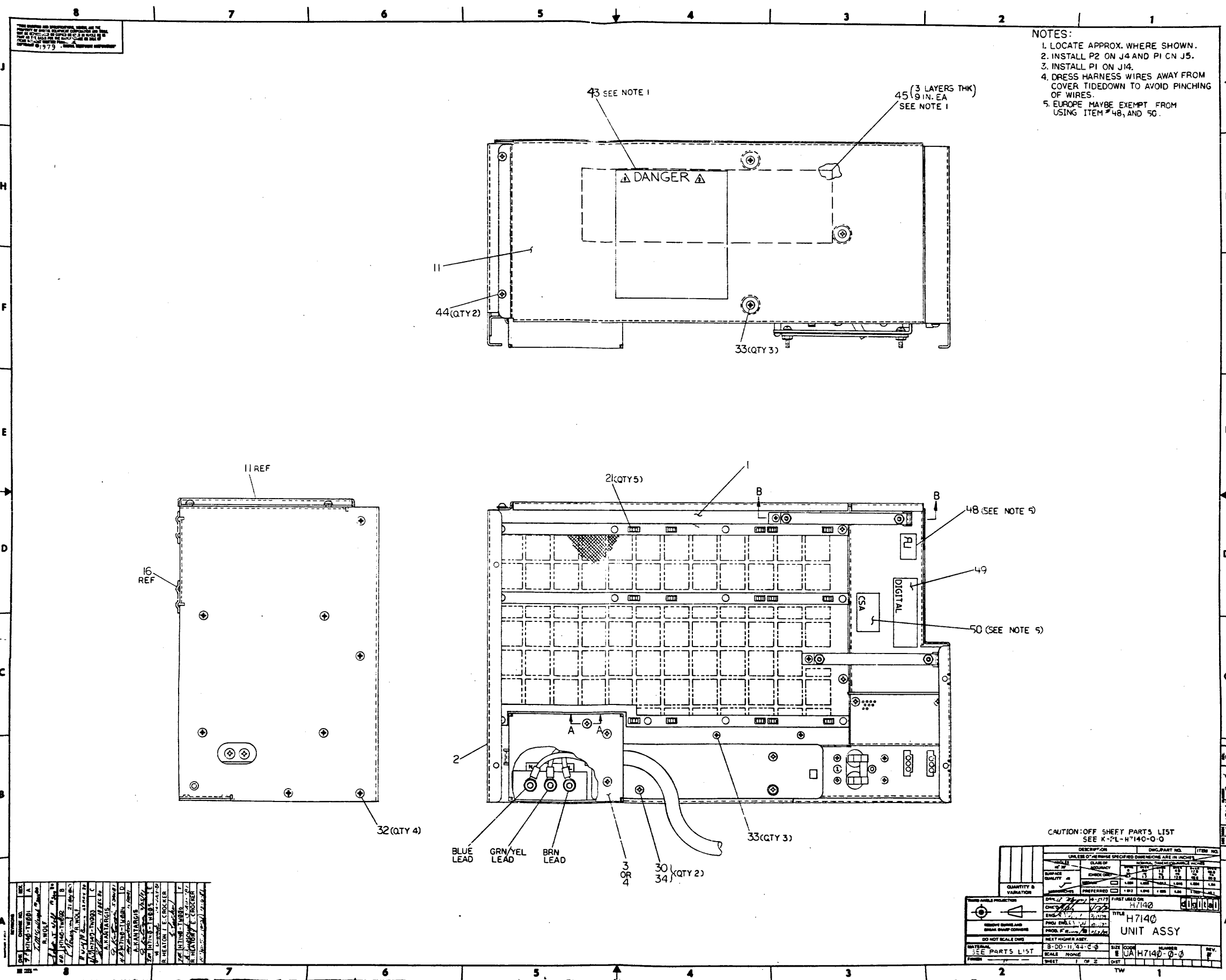
DESCRIPTION		DWG./PART NO.		ITEM NO.					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES									
ANGLES 90° 30°		CLASS OF ACCURACY		NOMINAL DIMENSION RANGE INCHES					
SURFACE QUALITY		CHECK ONE		OVER 0 0.3	OVER 0.3 1.2	OVER 1.2 1.5	OVER 1.5 4.0	OVER 4.0 12.0	OVER 12.0 48.0
MEDIUM		☒		1.004	1.008	1.012	1.016	1.024	1.031
PREFERRED		☐		1.012	1.016	1.020	1.024	1.031	1.031

THIRD ANGLE PROJECTION	QUANTITY & VARIATION	DRN. <i>W.R.H.</i> 1/3/78	FIRST USED ON
REMOVE BURRS AND BREAK SHARP CORNERS	DO NOT SCALE DWG	CHK'D <i>J.E. Sullivan</i> 1/12/78	BAIL-A <i>digital</i>
MATERIAL	FINISH	ENG. <i>J.E. Sullivan</i> 1/12/78	TITLE
		PROL. ENG. <i>J.E. Sullivan</i> 1/12/78	FAN TRAY ASSEMBLY
		PROD. <i>J.E. Sullivan</i> 1/12/78	
		NEXT HIGHER ASSY.	
		E-AD-7016391-0-0	
		SCALE 1:1	SIZE CODE
		SHEET 1 OF 1	DIST.
			REV. B

REV.	CHANGE NO.	DATE	BY	APP.
1	1	1/12/78	W.R.H.	
2	2	1/12/78	W.R.H.	
3	3	1/12/78	W.R.H.	
4	4	1/12/78	W.R.H.	
5	5	1/12/78	W.R.H.	
6	6	1/12/78	W.R.H.	
7	7	1/12/78	W.R.H.	
8	8	1/12/78	W.R.H.	

"THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1979 DIGITAL EQUIPMENT CORPORATION."

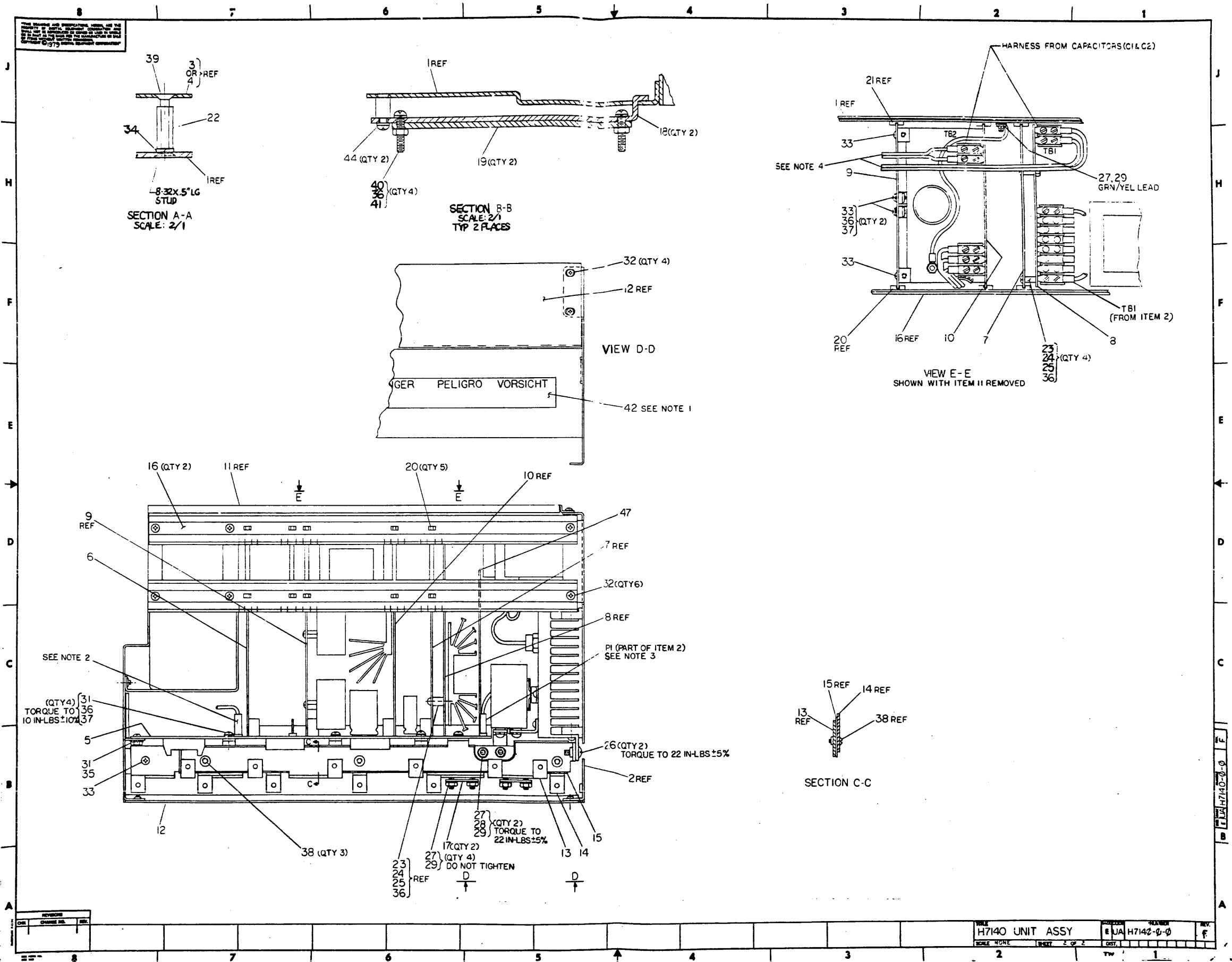
TW



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

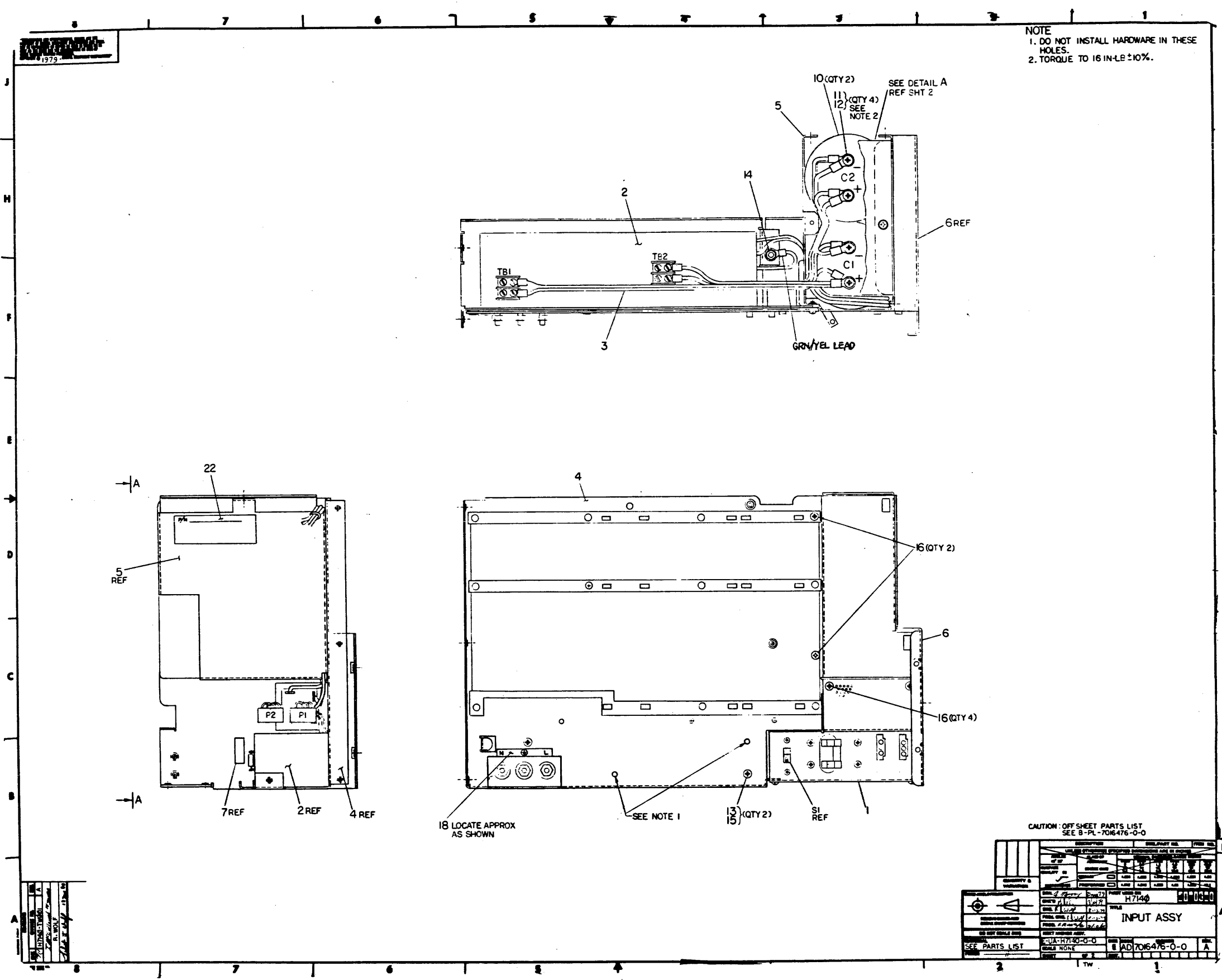
CAUTION: OFF SHEET PARTS LIST SEE K-PL-H7140-0-0

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



DIGITAL EQUIPMENT CORPORATION PARTS LIST				QUANTITY / VARIATION												NOTES:				
MADE BY DATE		CHECKED DATE		SECTION		H7140-AA	H7140-AB	H7140-BA	H7140-BB											
ENG DATE		PROD DATE		ISSUED SECTION																
A. MOWRY 8/15/79		R. Kelly 8/17/79																REF DESIGNATION		
Robert J. Wolf 8/17/79		F. Muniz / B 8/17/79																		
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION																	
1	E-AD-7016476-0-0	7016476-00	INPUT ASSY	1	1	1	1													
2	E-AD-7016054-0-0	7016054-00	OUTPUT PANEL ASSY	1	1	1	1													
3	D-AD-7016478-0-0	7016478-00	A.C. POWER CORD ASSY (120V)	1	-	1	-													
4	D-AD-7016478-1-0	7016478-01	A.C. POWER CORD ASSY (220V - 240V)	-	1	-	1													
5	E-UA-5413615-00	5413615-00	MOTHER BOARD, H7140	1	1	1	1													
6	D-UA-5413605-00	5413605-00	BIAS & INTERFACE BOARD	1	1	1	1													
7	D-UA-5413601-00	5413601-00	LOGIC INVERTER CONTROL BOARD	1	1	1	1													
8	D-UA-5413599-00	5413599-00	LOGIC INVERTER BOARD	1	1	1	1													
9	D-UA-5413607-00	5413607-00	MEMORY REGULATOR BOARD	1	1	0	0													
10	D-UA-5413603-00	5413603-00	MEMORY INVERTER BOARD	1	1	1	1													
11	D-MD-7422396-0-0	7422396-00	COVER, TOP	1	1	1	1													
12	D-MD-7421436-0-0	7421436-00	COVER, PWR SUPPLY, BOTTOM	1	1	1	1													
13	D-MD-7422042-0-0	7422042-00	BUS, +5V	1	1	1	1													
14	D-MD-7422041-0-0	7422041-00	BUS BAR, RETURN	1	1	1	1													
15	D-MD-7422044-0-0	7422044-00	INSULATOR, BUS	1	1	1	1													
16	D-MD-7421437-0-0	7421437-00	BRACKET, CARD GUIDE MTG	2	2	2	2													
17	D-MD-7422731-0-0	7422731-00	BRACKET, MOUNTING	2	2	2	2													
18	C-MD-7423066-0-0	7423066-00	BRACKET, CABLE ROUTING	2	2	2	2													
19	B-MD-7423067-0-0	7423067-00	CLAMP, CABLE	2	2	2	2													
20		1212405-11	CARD GUIDE, NYLON (SHORT)	5	5	5	5													
21		1212405-04	CARD GUIDE, NYLON (LONG)	5	5	5	5													
22		9009246-00	SPACER HEX #8-32 X .75 LG	1	1	1	1													
23		9006844-00	SPACER, HEX A.L. #6-32 X .375 LG	4	4	4	4													
24		9007794-01	SCR, PAN, PHIL #6-32 X 11/16 LG	4	4	4	4													
25		9008957-00	NUT, HEX #6-32 X 1/4 AF	4	4	4	4													
26		9010119-00	SCR PHL TRUSS HD #10-32 X .50 LG	2	2	2	2													
27		9009005-00	NUT, HEX #10-32	7	7	7	7													
E.C.O. NO. H7140-TW001 H7140-TW002 H7140-TW003 H7140-TW004 H7140-TW005																				
"THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1979 DIGITAL EQUIPMENT CORPORATION"				TITLE H7140 UNIT ASSEMBLY		ASSY NO. E-UA-H7140-00		SIZE B	CODE PL	NUMBER H7140-0-0		REV. E								
						SHEET 1 OF 2		INSERTION PARTS LIST DATA BASE REV												

DIGITAL EQUIPMENT CORPORATION PARTS LIST				QUANTITY / VARIATION												NOTES:							
MADE BY DATE		A. MOWRY 8/15/79		CHECKED DATE		F. Mowry 8/17/79		SECTION															
ENG DATE		R. J. Way 8/17/79		PROD DATE		F. Mowry 8/17/79		ISSUED SECTION															
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	H7140-AA	H7140-AB	H7140-BA	H7140-BB										REF DESIGNATION						
28		9006664-00	WASHER, FLAT #10	2	2	2	2																
29		9007906-00	WASHER, SPLIT, LOCK #10	7	7	7	7																
30		9006037-01	SCR PHL PAN HD #8-32 X .38 LG	2	2	2	2																
31		9006022-01	SCR PHL PAN HD #6-32 X .38 LG	5	5	5	5																
32		9009796-00	SCR PHL FLAT HD #6-32 X 1/4 LG SELF TAP	14	14	14	14																
33		9009798-00	SCR PHL PAN HD #6-32 X 5/16 LG SELF TAP	11	11	11	11																
34		9006690-00	WASHER, SPLIT, LOCK #8	3	3	3	3																
35		9009243-00	NUT, KEP #6-32	1	1	1	1																
36		9007801-00	WASHER, SPLIT, LOCK #6	14	14	14	14																
37		9006656-00	WASHER, FLAT #6	6	6	6	6																
38		9008212-00	SCR NYLON SLTD PAN HD #6-32 X 7/16 LG	3	3	3	3																
39		9006039-02	SCR PHL FLAT HD #8-32 X .5 LG	1	1	1	1																
40		9009587-01	SCR PHL PAN HD #6-32 X .62 SELF TAP	4	4	4	4																
41		9008957-00	NUT, HEX #6-32	4	4	4	4																
42		3615037-02	LABEL, "DANGER HIGH CURRENT"	1	1	1	1																
43		3616930-00	LABEL, DANGER STORED HIGH VOLTAGE	1	1	1	1																
44		9009791-00	SCREW, SEMS, PHL PAN HD #6-32 X 5/16 LG	4	4	4	4																
45		9009087-00	FOAM, TAPE, SINGLE SIDED 1/8 X 2.10	2.25	2.25	2.25	2.25																
46	D-UA-5413607-00	5413607-YA	MEMORY REGULATOR BOARD	0	0	1	1																
47	B-MD-7424586-0-0	7424586-00	INSULATOR, HEATSINK	1	1	1	1																
E.C.O. NO.																							
THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1979 DIGITAL EQUIPMENT CORPORATION				TITLE H7140 UNIT ASSEMBLY				ASSY NO. E-UA-H7140-00				SIZE B		CODE PL		NUMBER H7140-0-0		REV. E					
				SHEET 2 OF 2				INSERTION PARTS LIST DATA BASE REV															

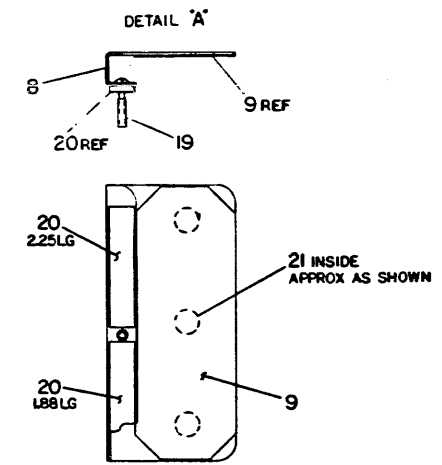
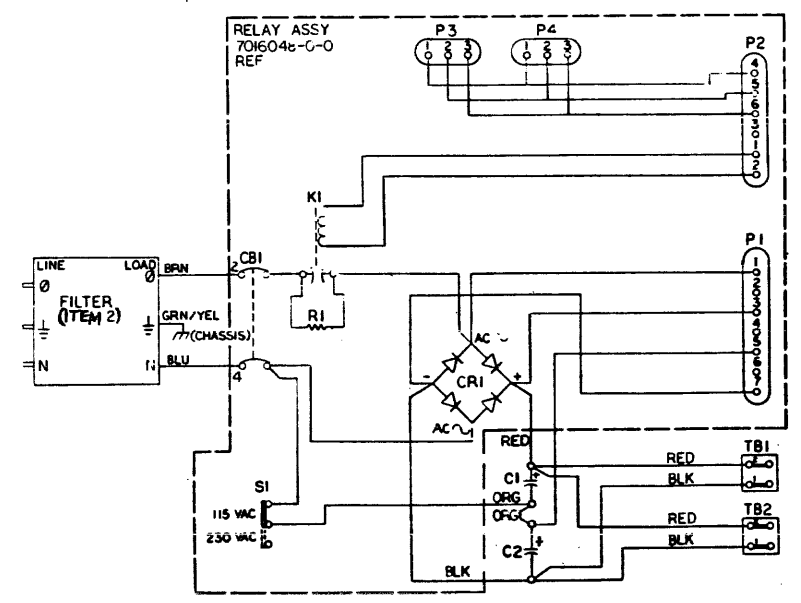
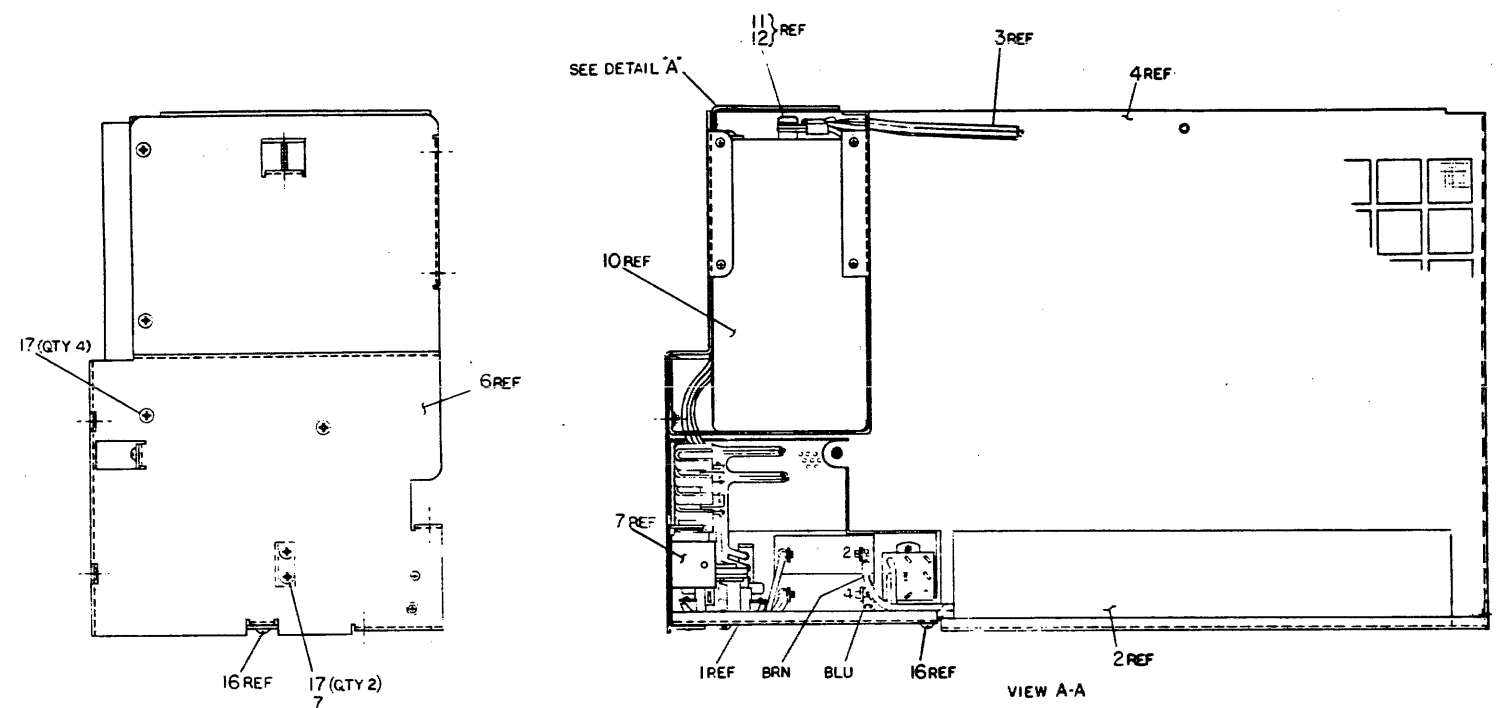


NOTE
1. DO NOT INSTALL HARDWARE IN THESE HOLES.
2. TORQUE TO 16 IN-LB ±10%.

CAUTION: OFF SHEET PARTS LIST
SEE B-PL-7016476-0-0

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

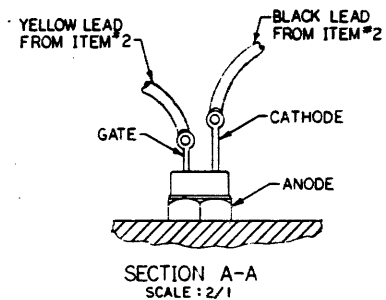
7016476-0-0



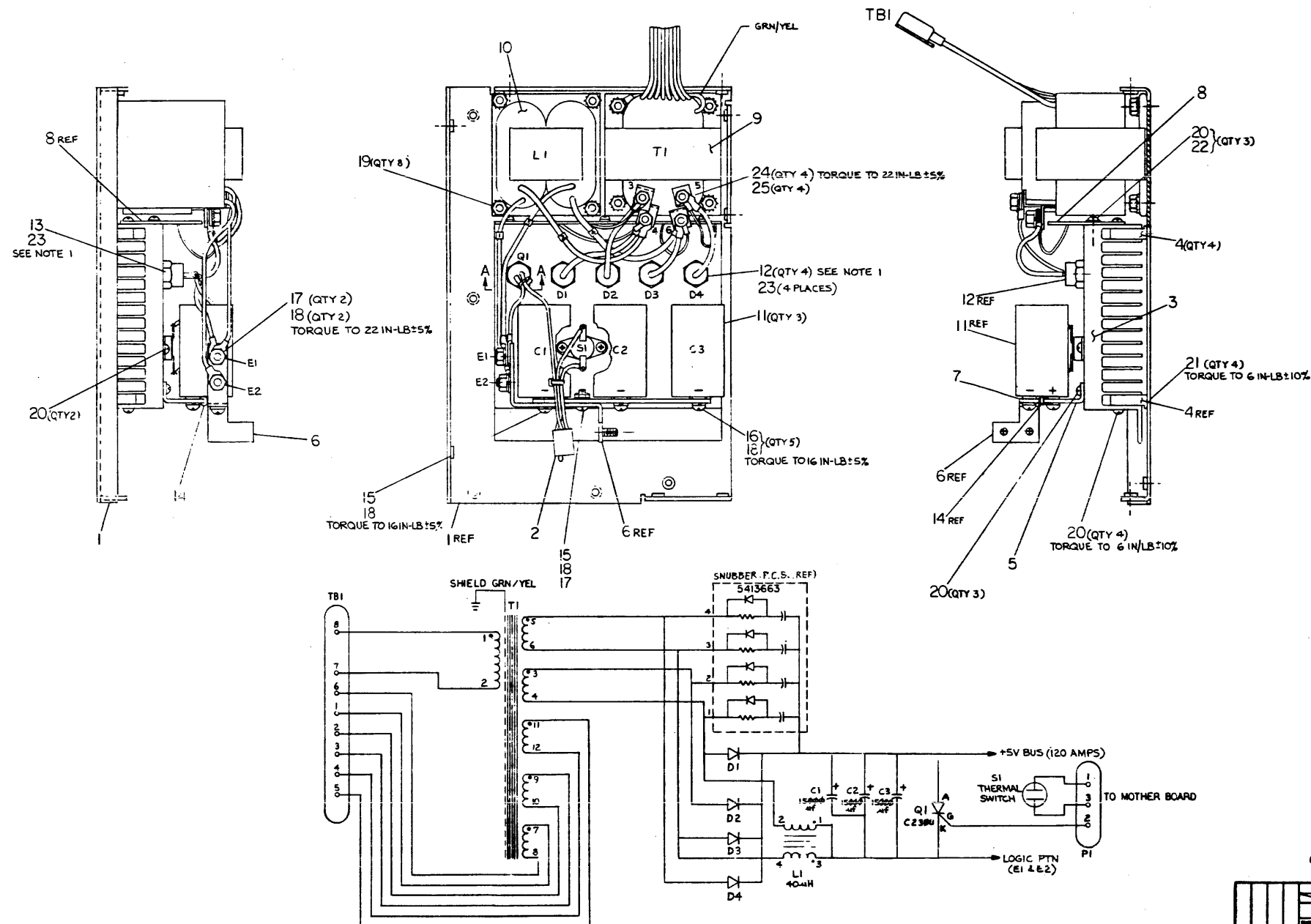
INPUT ASSY 7016476-0-0 A

DIGITAL EQUIPMENT CORPORATION PARTS LIST				QUANTITY / VARIATION												NOTES:			
MADE BY A. MOWRY DATE 04-09-79		CHECKED <i>[Signature]</i> DATE 8/10/79		SECTION															
ENG <i>Robert J. Wray</i> DATE 8-10-79		PROD <i>F. MUNIZ /a</i> DATE 8/10/79		ISSUED SECTION															
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION														REF DESIGNATION		
1	E-AD-7016048-0-0	7016048-00	RELAY ASSY	1															
2	C-IA-7016898-0-0	7016898-00	FILTER, RFI, ASSY	1															
3	D-IA-7016477-0-0	7016477-00	HARNESS, 300V	1															
4	D-IA-7016926-0-0	7016926-00	CHASSIS ASSY, REAR	1															
5	D-MD-7421433-0-0	7421433-00	BRACKET, CAPACITOR	1															
6	D-MD-7421438-0-0	7421438-00	PANEL, SIDE	1															
7	B-MD-7423546-0-0	7423546-00	BLOCK, MTG	1															
8	B-MD-7422382-0-0	7422382-00	CLAMP, CAPACITOR	1															
9	B-MD-7422401-0-0	7422401-00	INSULATOR, CAPACITOR	1															
10		1014336-00	CAPACITOR, 4500 uf/200 VDC, E	2															
11		9006072-01	SCR, PHL PAN HD SS #10-32 x .438 LG	4															
12		9007906-00	WASHER, SPLIT, LOCK #10	4															
13		9006037-01	SCR, PHL PAN HD SS #8-32 x .375 LG	2															
14		9006565-00	NUT, KEP CS/CAD #10-32 x 3/8 AF	1															
15		9006690-00	WASHER, SPLIT, LOCK #8	2															
16		9009708-00	SCREW, PHL PAN HD SELF TAP #6-32 x .312	6															
17		9009796-00	SCR, PHL FLAT HD SELF TAP #6-32 x .250	6															
18		3617016-00	LABEL, N-GROUND-L	1															
19		9010133-00	SCREW, PHILL PAN HD #8-32 x .88 LG	1															
20		9009342-00	FOAM TAPE ADH. BACK .50 x .125	.35	FT														
21		9009157-00	ADHESIVE, PERMABOND #101	A/R															
22		9009255-00	LABEL, POWER SUPPLY	1															
E.C.O. NO. H7140-TW001																			
"THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1979 DIGITAL EQUIPMENT CORPORATION"				TITLE INPUT ASSY				ASSY NO. E-AD-7016476-00				SIZE B	CODE PL	NUMBER 7016476-0-0		REV. A			
								SHEET 1 OF 1				INSERTION PARTS LIST DATA BASE REV							

INTERCONNECTION TABLE		REMARKS
FROM	TO	
D1	T1-4	
L1-2		
WIRE #1 ITEM 8		
D2	T1-3	
WIRE #2 ITEM 8		
D3		
L1-4	T1-6	
WIRE #3 ITEM 8		
D4		
WIRE #4 ITEM 8		
T1-GRN/YEL	MTD STUD	
YEL LEAD ITEM 2	Q1-GATE	
BLK LEAD ITEM 2		
Q1-CATHODE	E1	
L1-3		
L1-1	E2	



NOTES:
1. ITEMS 12 & 13 (D1-D4 & Q1) MUST SEAT FLUSH ON HEATSINK (ITEM 3). USE ITEM 23 (DINTCHPMD) UNDER ITEMS 12 & 13. TORQUE TO 25 IN-LBS MIN. UNTIL FULLY SEATED.



CAUTION: OFF SHEET PARTS LIST
SEE B-PL-7016054-0-0

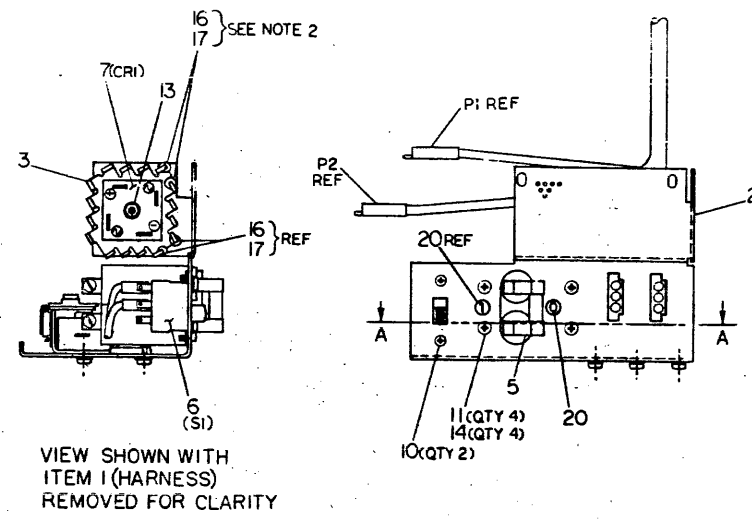
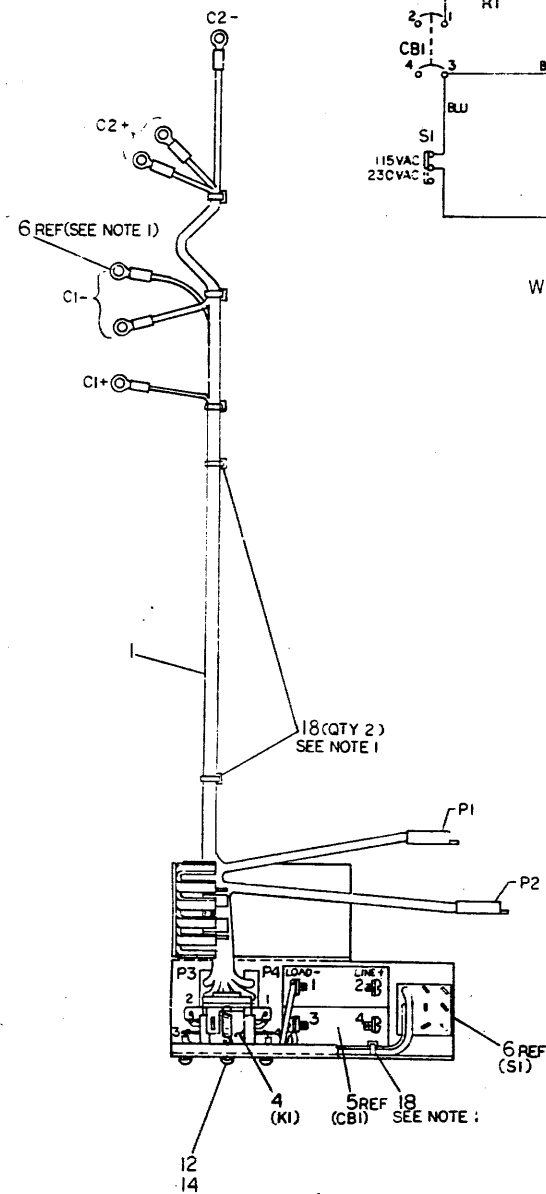
ITEM NO.	DESCRIPTION	QUANTITY	REMARKS
1	...	...	...
2	...	...	...
3	...	...	...
4	...	...	...
5	...	...	...
6	...	...	...
7	...	...	...
8	...	...	...
9	...	...	...
10	...	...	...
11	...	...	...
12	...	...	...
13	...	...	...
14	...	...	...
15	...	...	...
16	...	...	...
17	...	...	...
18	...	...	...
19	...	...	...
20	...	...	...
21	...	...	...
22	...	...	...
23	...	...	...
24	...	...	...
25	...	...	...

OUTPUT PANEL ASSY

SEE PARTS LIST

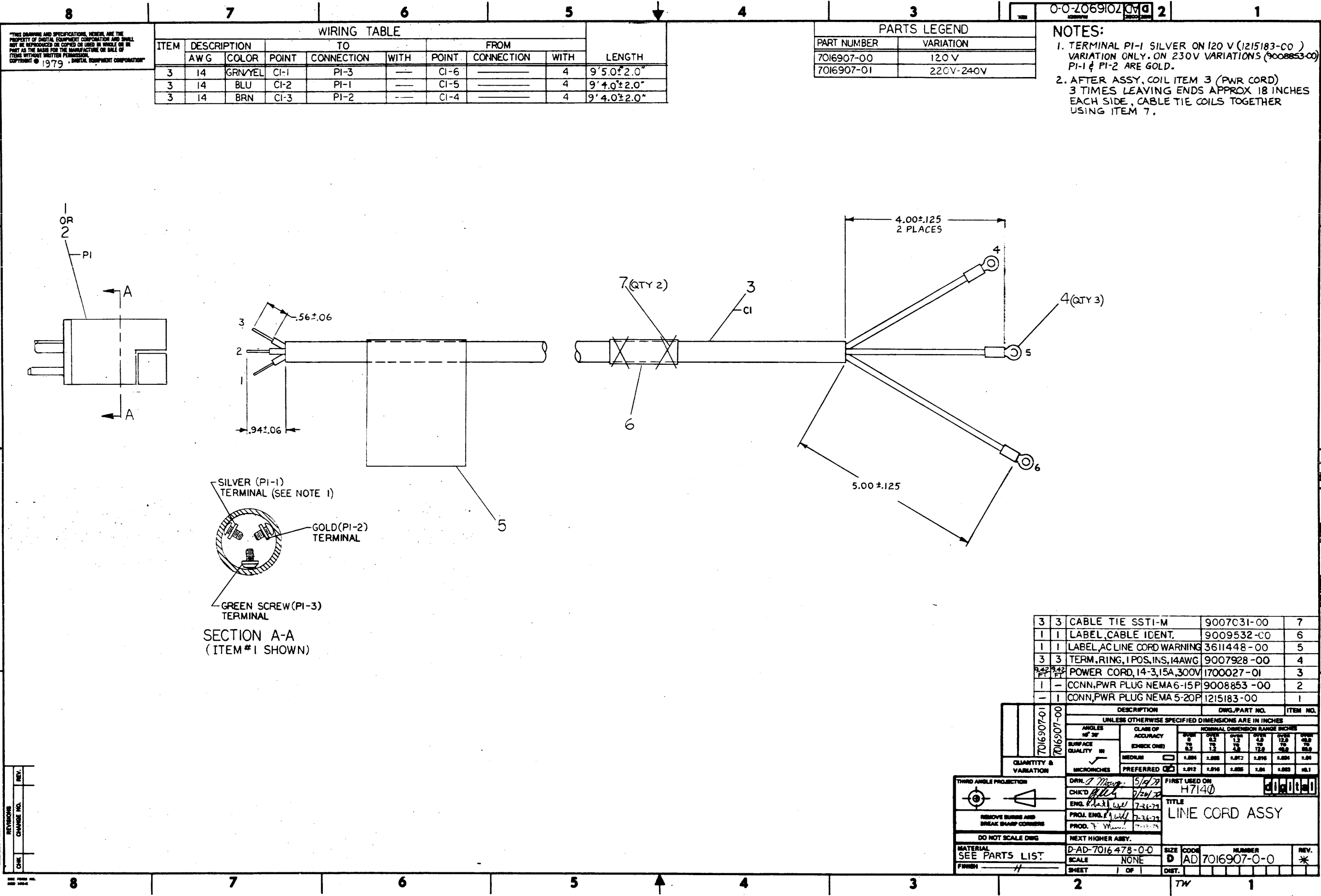
DIGITAL EQUIPMENT CORPORATION PARTS LIST				QUANTITY / VARIATION										NOTES:							
MADE BY DATE		CHECKED DATE		SECTION		7016054-00	REF DESIGNATION	REF DESIGNATION	REF DESIGNATION	REF DESIGNATION											
ENG DATE		PROD DATE		ISSUED SECTION																	
A. Mowry 07/02/79		7/26/79																			
Robert J. Wolf 7-26-79		Manuel Hidalgo (R.J.W.) 7-31-79																			
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION															REF DESIGNATION			
1	D-MD-7421434-0-0	7421434-00	CHASSIS, SIDE	1																	
2	D-IA-7016511-0-0	7016511-00	OVERTEMP CABLE & SWITCH ASSY	1																	
3		1216648-00	HEAT SINK	1																	
4		1216965-00	MTG BLOCK, INSULATED	4																	
5	B-MD-7422038-0-0	7422038-00	CAP., BRKT POS.	1																	
6	B-MD-7422037-0-0	7422037-00	BRKT, RETURN BUS	1																	
7	B-MD-7422036-0-0	7422036-00	BRKT, CAP NEG.	1																	
8	D-UA-5413663-0-0	5413663-00	SNUBBER P.C.B.	1																	
9	C-IA-7016056-0-0	7016056-00	XFORMER, PWR, HIGH FREQ ASSY	1	T1																
10	C-IA-7016055-0-0	7016055-00	CHOKE, OUTPUT DOUBLE SECTION ASSY	1	L1																
11		1014338-00	CAPACITOR, 15,000 MFD 7.5V ± 20%	3	C1	C2	C3														
12		1114197-00	RECTIFIER PLU=45 I=60	4	D1	D2	D3	D4													
13		1109978-00	RECTIFIER, C230V SCR @ 25V I = 25A	1	Q1																
14		9007036-00	GROMMET, CATERPILLAR	.33	FT																
15		9006071-01	SCR PHL PAN HD #10-32 X .38	2																	
16		9006070-01	SCR PHL PAN HD #10-32 X .31	5																	
17		9009005-00	NUT, HEX #10-32 X 1/4 AF	3																	
18		9007906-00	WASHER, SPLIT LOCK #10	9																	
19		9006563-00	NUT, KEP #8-32 X 11/32 AF	8																	
20		9009708-00	SCR, PHL PAN HD SELF TAP #6-32 X .31	12																	
21		9009796-00	SCR PHL (FLT) HD SELF TAP #6-32 X .25	4																	
22		9009882-00	WASHER, LOCK INT TOOTH #6	3																	
23		9008268-00	COMPOUND, THERMAL JOINT	A/R																	
24		9006561-00	NUT, HEX #8-32 x 5/16 AF	4																	
25		9006690-00	WASHER, LOCK, S.S. #8	4																	
E.C.O. NO.																					
"THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT ©/979 DIGITAL EQUIPMENT CORPORATION"				TITLE OUTPUT PANEL ASSEMBLY				ASSY NO. E-AD-7016054-0-0				SIZE B		CODE PL		NUMBER 7016054-0-0		REV. *			
								SHEET 1 OF 1				INSERTION PARTS LIST DATA BASE REV									

TW

[illegible]

DIGITAL EQUIPMENT CORPORATION PARTS LIST				QUANTITY / VARIATION												NOTES:			
MADE BY DATE A. MOWRY 03/27/79		CHECKED DATE 7/27/79		SECTION															
ENG DATE Robert J. Wref 7-27-79		PROD DATE Manuel Hildner (R.J.W.) 7-31-79		ISSUED SECTION															
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION														REF DESIGNATION		
1	D-IA-7016049-0-0	7016049-00	HARNESS, A.C. INPUT	1															
2	D-MD-7422040-0-0	7422040-00	BRACKET, INPUT	1															
3		1216688-00	HEAT SINK	1															
4		1216206-00	RELAY, PWR 12V COIL. SPST 30A	1															
5		1212124-01	CKT BKR, 2 P SERIES TRIP, 20A 240V	1															
6	C-IA-7016923-0-0	7016923-00	SWITCH ASSY	1															
7		1116216-00	BRIDGE RECTIFIER IF = 30A, 600V VR	1															
8		9006966-00	TERMINAL, P.C.B. 2 POS INS, TURRET	2															
9		1314848-00	RESISTOR 3 OHM 5% 7 WATT	1															
10		9000039-06	SCR, PHIL, FLAT HD #4-40 x .187	2															
11		9006020-01	SCR, PHIL, PAN HD #6-32 x .250	6															
12		9006021-01	SCR, PHIL, PAN HD #6-32 x .312	1															
13		9009243-00	NUT, KEP #6-32 x 5/16 AF S.S.	1															
14		9007801-00	WASHER, LOCK SS #6	7															
15		9107560-03	WIRE BUSS #18 AWG	.21	FT														
16		9007036-00	GROMMET, CATERPILLAR	.25	FT														
17		9009157-00	ADHESIVE, PERMABOND	A/R															
18		9007031-00	TIE, CABLE SST1-M	3															
19		9009255-00	LABEL, POWER SUPPLY	1															
20		3615680-00	LABEL, SWITCH POSITION, ADH BACK	1															
E.C.O. NO.																			
"THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1979 DIGITAL EQUIPMENT CORPORATION"				TITLE				ASSY NO.				SIZE	CODE	NUMBER		REV.			
				RELAY ASSY				E-AD-7016048-0-0				B	PL	7016048-0-0		*			
				SHEET 1 OF 1				INSERTION PARTS LIST DATA BASE REV											

TW

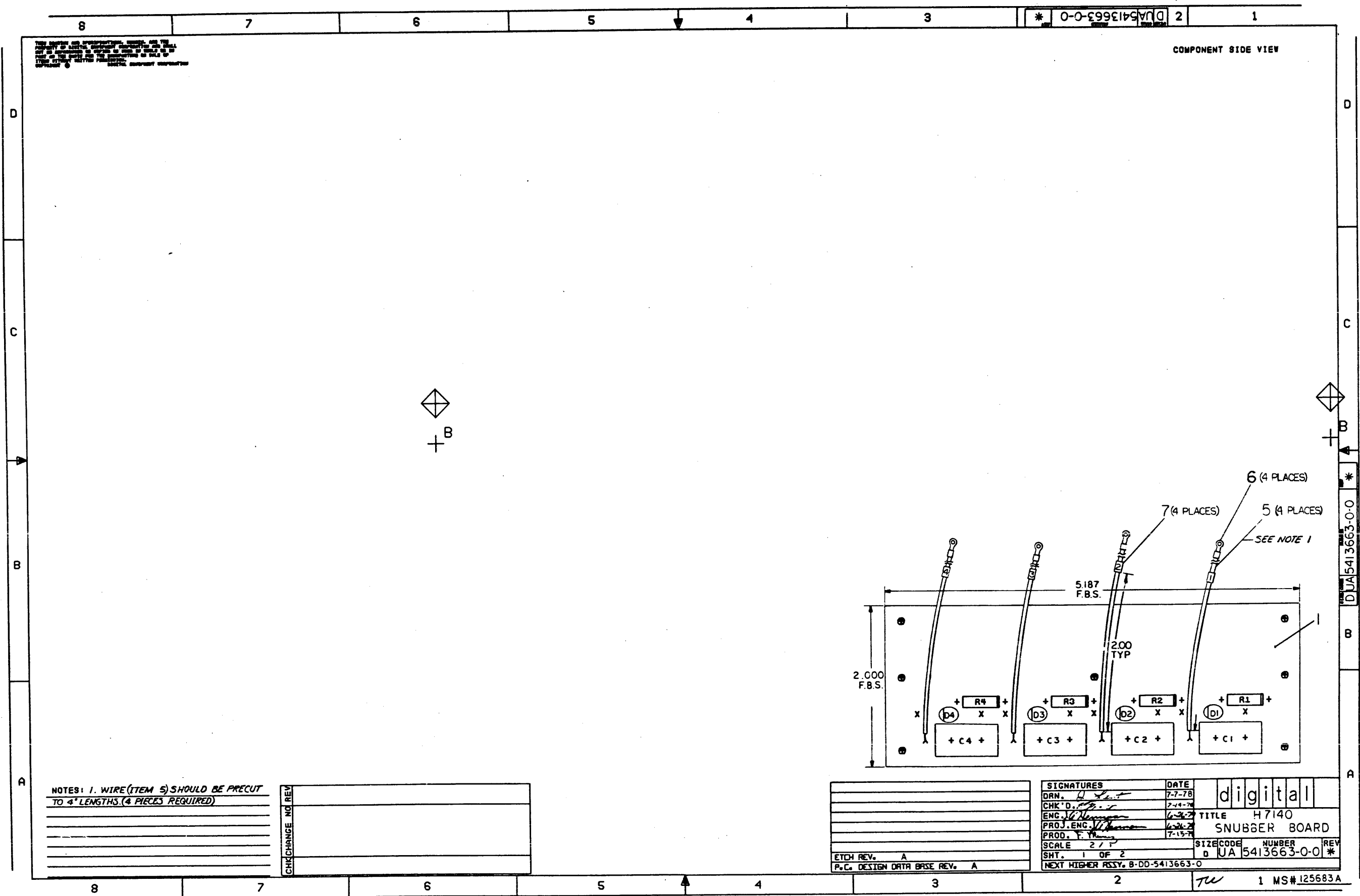


3	3	CABLE TIE SSTI-M	9007C31-00	7
1	1	LABEL, CABLE IDENT.	9009532-C0	6
1	1	LABEL, AC LINE CORD WARNING	3611448-00	5
3	3	TERM. RING, 1 POS. INS, 14AWG	9007928-00	4
3	3	POWER CORD, 14-3, 15A, 300V	1700027-01	3
1	1	CONN, PWR PLUG NEMA 6-15P	9008853-00	2
1	1	CONN, PWR PLUG NEMA 5-20P	1215183-00	1

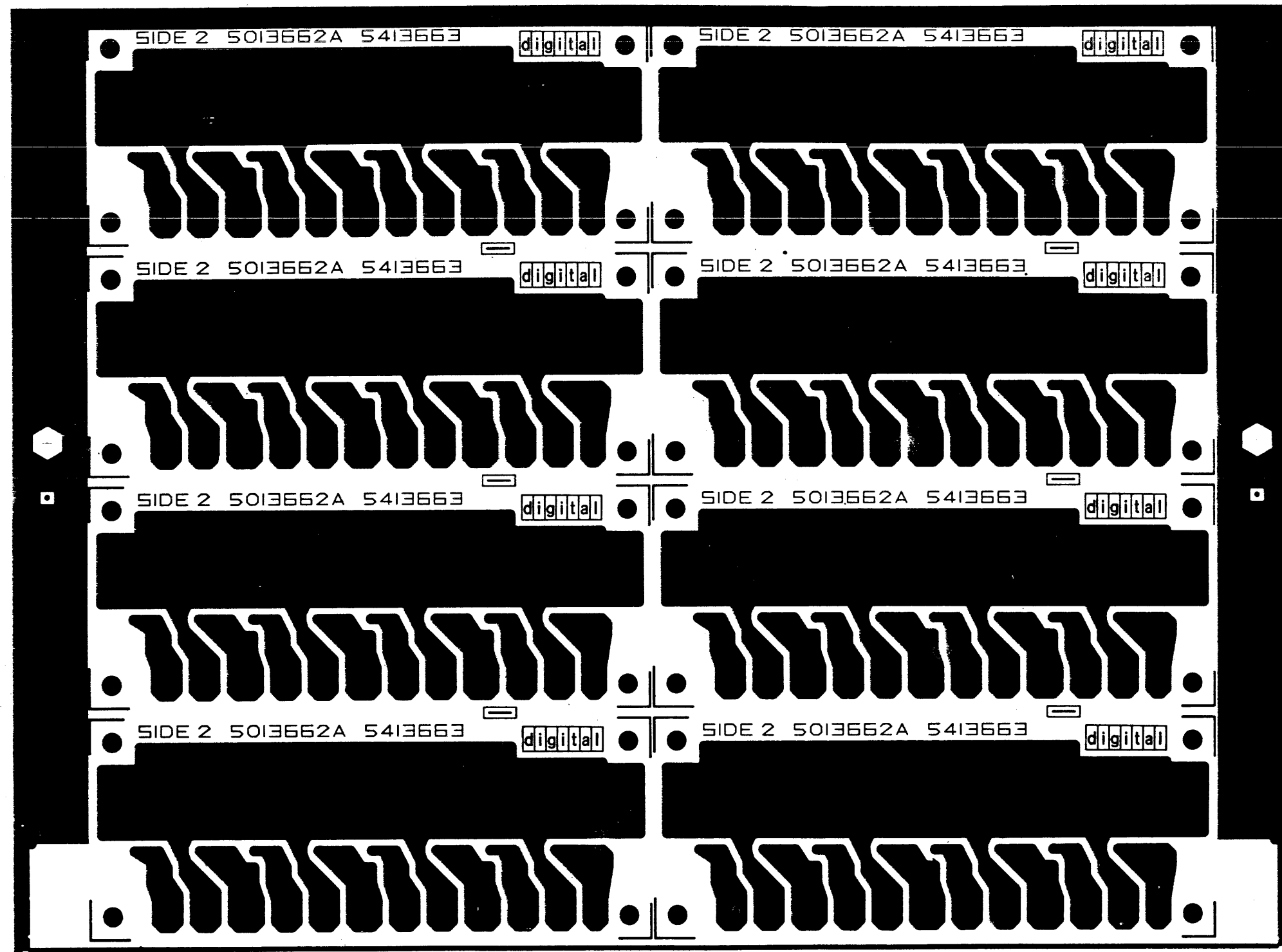
DESCRIPTION	DRWG./PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
ANGLES 1/8" 3/16"	CLASS OF ACCURACY	NOMINAL DIMENSION RANGE INCHES
SURFACE QUALITY	CHECK ONE	OVER 12.0
	MEDIUM	12.0 TO 6.0
QUANTITY & VARIATION	PREFERRED	6.0 TO 1.0
		1.0 TO .01

DRN. J. M. 5/14/79	FIRST USED ON
CHKD. J. M. 7/26/79	H7140
ENG. R. J. 7-26-79	TITLE
PROJ. ENG. J. M. 7-26-79	LINE CORD ASSY
PROD. J. M. 7-26-79	

DO NOT SCALE DRG	NEXT HIGHER ASSY.
MATERIAL SEE PARTS LIST	D-AD-7016478-0-0
FINISH	SCALE NONE
SHEET 1 OF 1	SIZE D
	CODE AD
	NUMBER 7016907-0-0
	REV. *



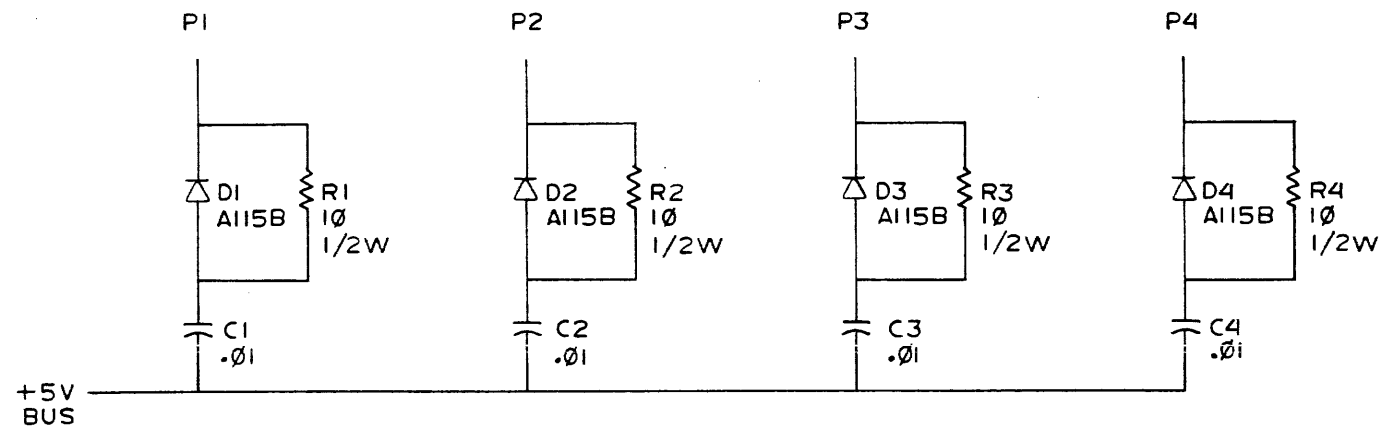
THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1979 DIGITAL EQUIPMENT CORPORATION



REVISIONS		
CHK	CHANGE NO.	REV.

TITLE		SIZE CODE	NUMBER		REV.
H7140 SNUBBER BOARD		D UA	5413663-0-0		*
SCALE 2/1		SHEET 2 OF 2		DIST.	

"THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION.
COPYRIGHT © 1978 DIGITAL EQUIPMENT CORPORATION"



REVISIONS	
CHK	CHANGE NO.
1	5413663 - TW001
2	5413663 - 17-SEP-81
3	R. HEATON
4	(one) 12-0-81

DEC FORM NO. 111-A

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
DRN. <i>James Angel</i>	DATE 5-23-79		
CHK'D. <i>James</i>	DATE 6-20-79		
ENG. <i>W. Hannon</i>	DATE 6/24/79		
PROJ. ENG. <i>W. Hannon</i>	DATE 6/24/79		
PROD. <i>F. Munoz</i>	DATE 7-13-79		
NEXT HIGHER ASSY.		TITLE H7140 SNUBBER BOARD	
FIRST USED ON OPTION/MODEL		SIZE CODE C CS	NUMBER 5413663-0-1
SCALE NONE		REV. A	
SHEET 1 OF 1		DIST. TW	

AUTOMATED BY PRTLST.3L(32)

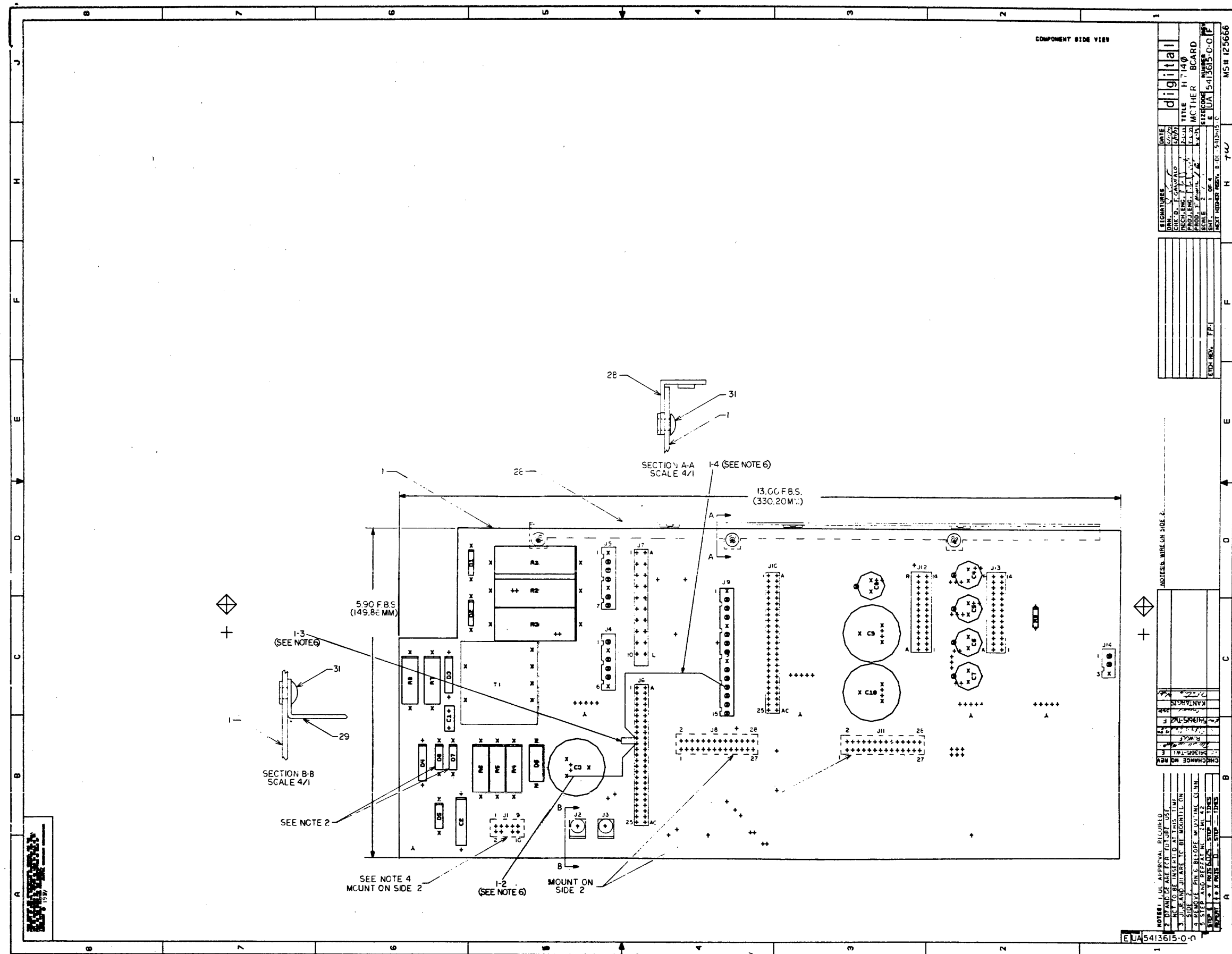
PARTS LIST

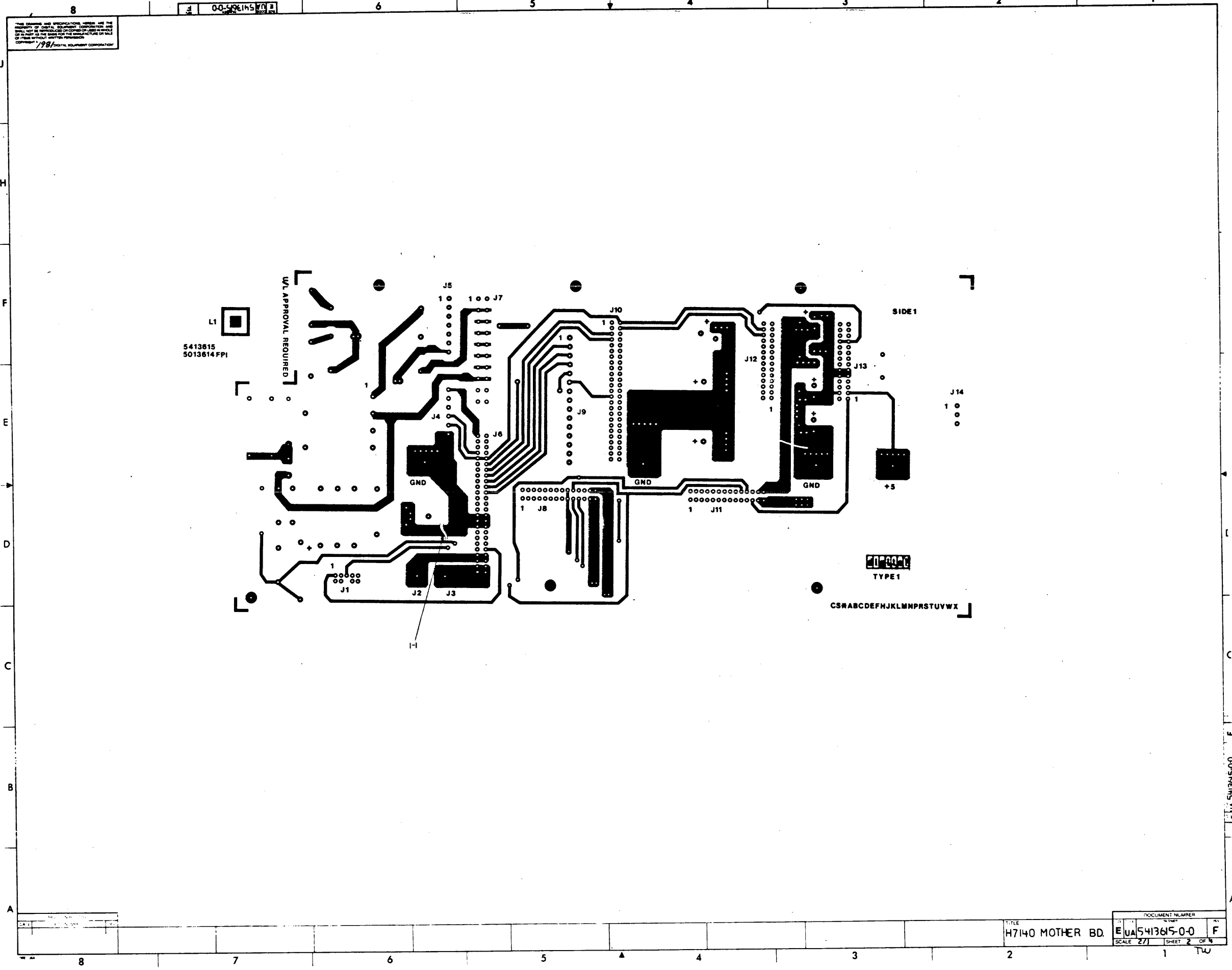
SHEET A1 OF A1

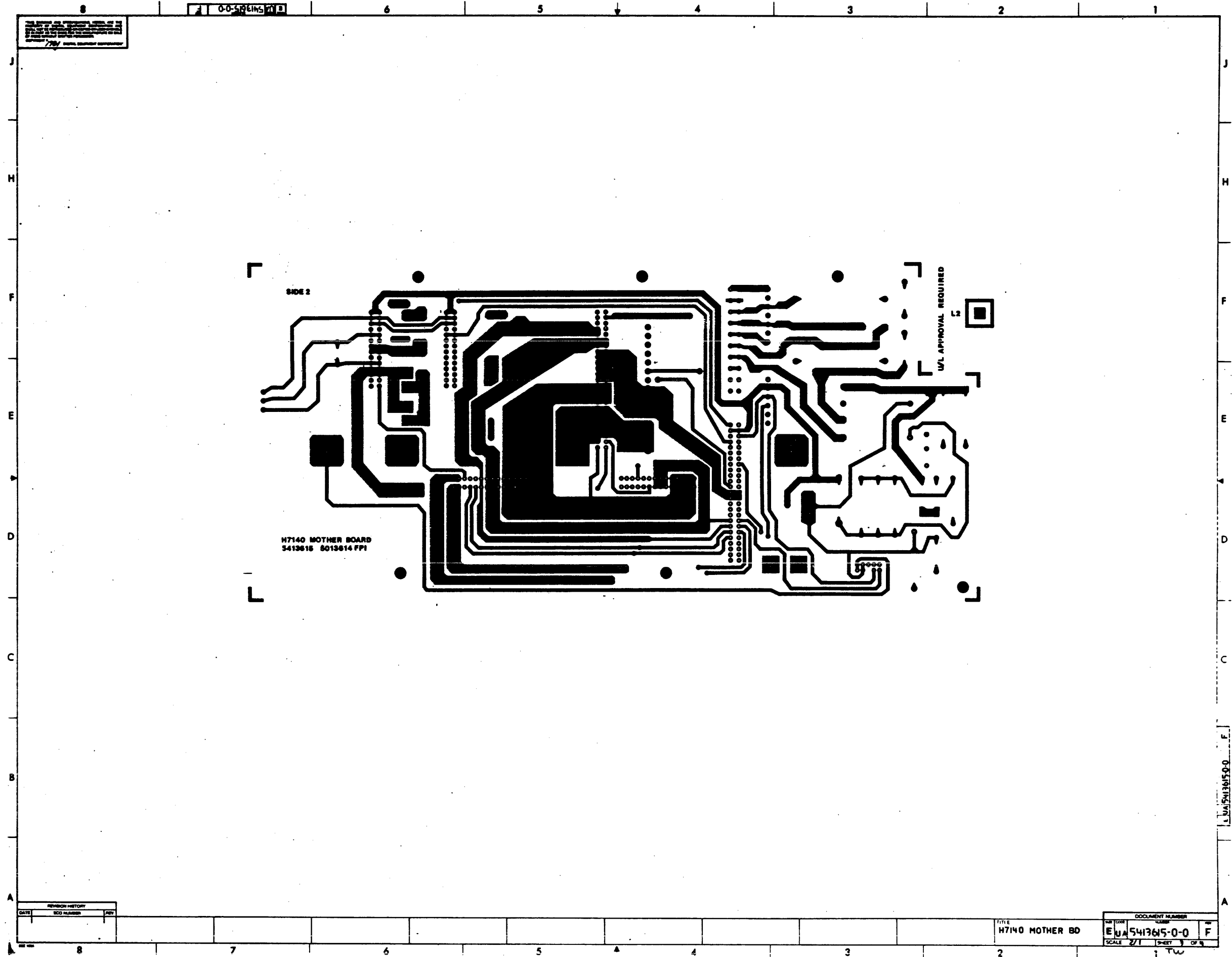
LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY	PER VARIATION	REFERENCE DESIGNATOR
					00		
1	1	D-MD-5013662-0-0	5013662-00	DRILL & ETCH BD	1		
2	2		1011847-01	.01 MFD 400V 10% POLYPROP	4		C1-C4
3	3		1112594-01	A115B PIV=200 I= 3A	4		D1-D4
4	4		1300168-00	10 1/2W 5% CC	4		R1-R4
5	5		9107801-33	WIRE, STRND, 20AWG IPVC UL1431	A/R		
6	6		9007930-00	TERM RING 1POS INSULATED, 22-16	4		
7	7		9008356-01	WIRE IDENTIFIER, (1-48)	1		

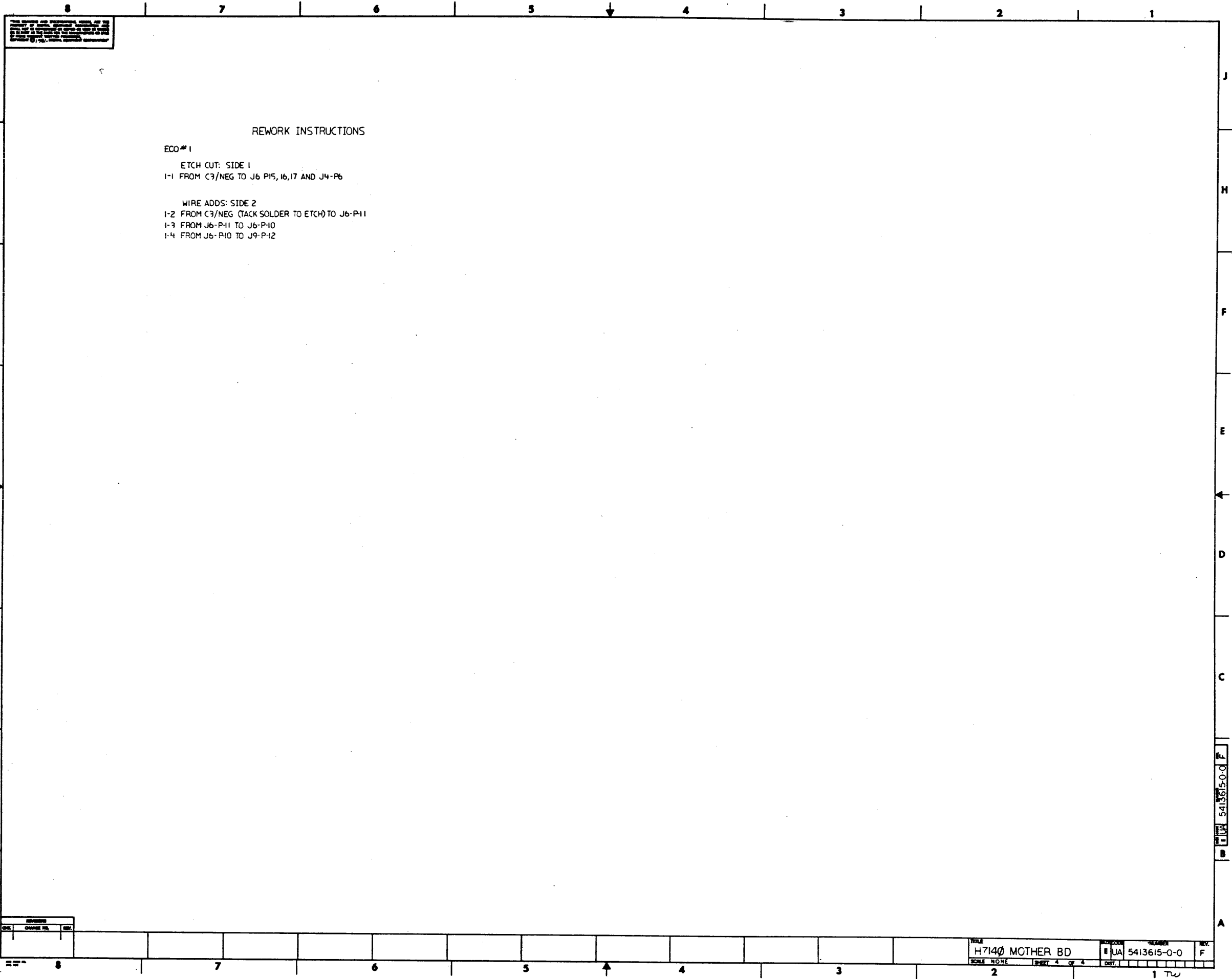
0 NOTE: ITEM #5, 1.33' IS USED.

REVISION HISTORY		BASIC PART NO: 5413663		DRN: K.FRIEDGEN		DATE: 22-MAY-79		D I G I T A L			
ENG	ECO NUMBER	REV	SECTION A OF A	CHK'D: J.CASEY		DATE: 19-JUL-79		TITLE PARTS LIST			
---	INITIAL	*	SECTION VARIATION INDEX	CHK'D: J.CASEY		DATE: 19-JUL-79		TITLE PARTS LIST			
			[A] 00	DES.ENG: J.A.HERRMANN		DATE: 22-MAY-79		SNUBBER BOARD ASSY			
			[B]	RESP.ENG.: J.A.HERRMANN		DATE: 22-MAY-79		DOCUMENT NUMBER			
			[C]	MFG.ENG.: F.MUNIZ		DATE: 19-JUL-79		K	PL	5413663-0-DBP	*
			[D]	ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME:		EDIT	
			[E]	D-UA-5413663-0-0		D-MD-5413663-0-0		13663.PLS		8	
			[F]	THIS DRAWING AND SPECIFICATIONS HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT (C) 1979, DIGITAL EQUIPMENT CORPORATION							
			[G]								
			[H]								
			[I]								
			[J]								
			[K]								
			[L]								
			[M]								
			[N]								









REWORK INSTRUCTIONS

ECO#1

ETCH CUT: SIDE 1
1-1 FROM C3/NEG TO J6 P15, 16, 17 AND J4-P6

WIRE ADDS: SIDE 2
1-2 FROM C3/NEG (TACK SOLDER TO ETCH) TO J6-P11
1-3 FROM J6-P11 TO J6-P10
1-4 FROM J6-P10 TO J9-P12

REVISIONS		
NO.	CHANGE	BY

TITLE		H7140 MOTHER BD		PROJECT		5413615-0-0		REV.	F
SCALE		NONE		SHEET		4 OF 4		DATE	

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART OR IN ANY MANNER FOR THE PURPOSE OF REPRODUCTION OR SALE OF SUCH INFORMATION WITHOUT THE WRITTEN PERMISSION OF DIGITAL EQUIPMENT CORPORATION.

D

C

B

A

REV.	DATE	BY	CHK.
1	11-2-78	R. WOLF	J. WOLF
2	11-2-78	R. WOLF	J. WOLF
3	11-2-78	R. WOLF	J. WOLF
4	11-2-78	R. WOLF	J. WOLF
5	11-2-78	R. WOLF	J. WOLF
6	11-2-78	R. WOLF	J. WOLF
7	11-2-78	R. WOLF	J. WOLF
8	11-2-78	R. WOLF	J. WOLF

1

7

6

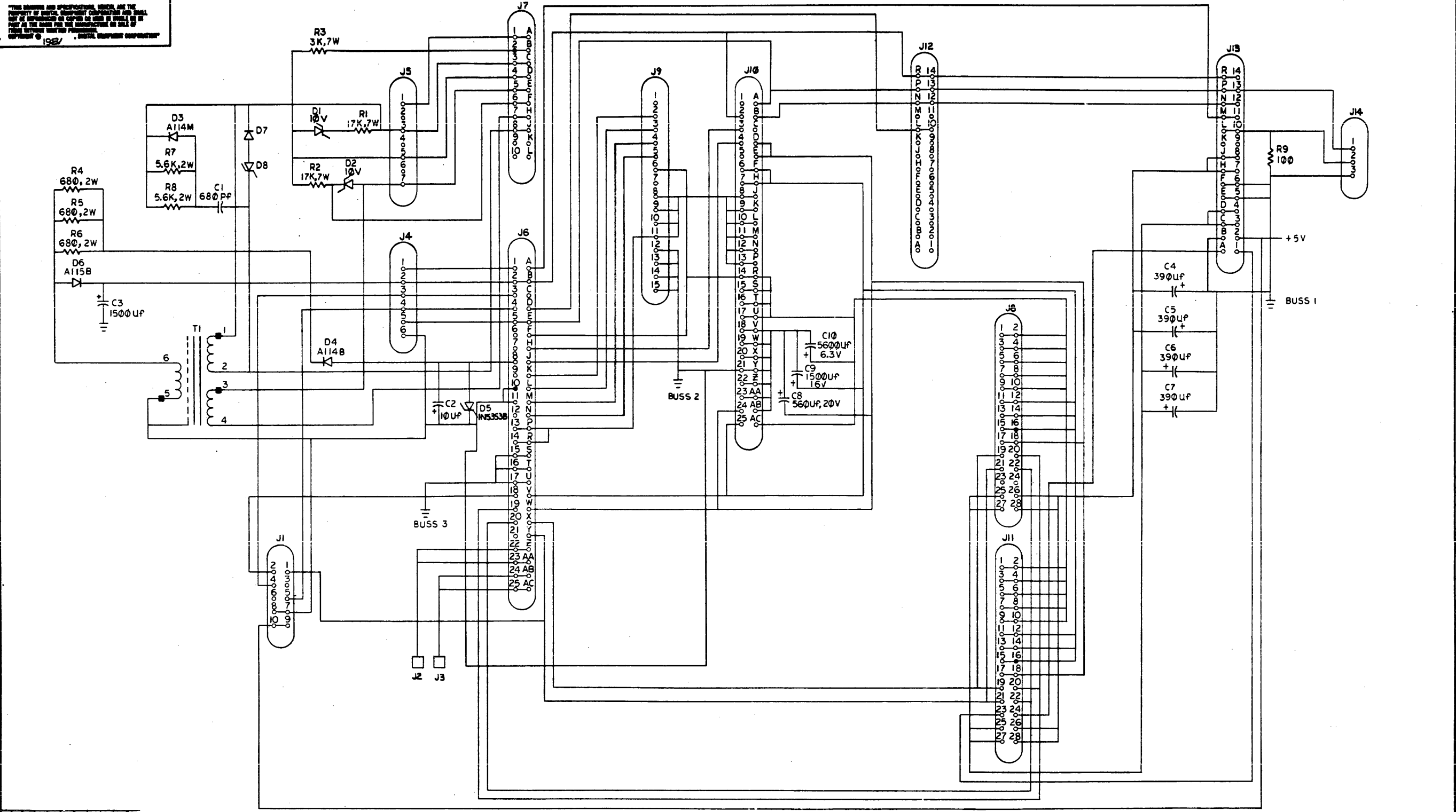
5

4

3

2

1



D

C

B

A

DRN. 11-2-78	FIRST USED ON	H7140
CHK'D J. WOLF	TITLE	H7140 MOTHER BOARD
ENG. R. WOLF	PROJ. ENG. R. WOLF	PROD. F. WOLF
SCALE	SIZE CODE	NUMBER
SHEET 1 OF 1	D CS 5413615-0-1	REV. F

Tw 1

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION 00	REFERENCE DESIGNATOR
1	1	D-MD-5013614-0-0	5013614-00	DRILL & ETCH BD	1	
2	2		1004813-00	10 MFD 20V 10% S.TANT	1	C2
3	3		1012607-00	560 MFD 20V H% 672D AL EL	1	C8
4	4		1012607-06	390 MFD 20V H% 67D AL EL	4	C4-C7
5	5		1013280-00	680.0 MMF1000V 5%200PPM	1	C1
6	6		1014229-00	1500 MFD 16V +75-10% AL EL	2	C9,C3
7	7		1016169-00	5600 MFD 6.3V +75,-10% AL EL	1	C10
8	8		1110854-00	1N 5353B VZ= 16.0V 5% .40W M	1	D5
9	9		1100125-00	1N 758A VZ= 10.0 5% .40W PPE	2	D1,D2
10	10		1112594-01	A115B PIV=200 I= 3A	1	D6
11	11		1112595-01	A114B PIV=200 I= 1A	1	D4
12	12		1112595-02	A114M PIV=600 I= 1A	1	D3
13	13		1215341-01	HEADER 10POS VERTICAL	1	J1
14	14		1211004-00	SOCKET,100 28POS BOTTOM MOUNT	4	J12,J13,J11,J8
15	15		1211004-04	SOCKET,100 40POS	1	J7
16	16		1211004-05	SOCKET,100 50POS	2	J6,J10
17	17		1216122-01	HEADER,156 7POS KEYED	1	J5
18	18		1216122-02	HEADER,156 15POS KEYED	1	J9
19	19		1216122-04	HEADER,156 3POS	1	J14
20	20		1216122-05	HEADER,156 6POS	1	J4
21	21		1300229-00	100.0 .25 W 5.0 % CC	1	R9
22	22		1300348-00	680.0 2.0 W 5.0 % CC	3	R4-R6
23	23		1300456-00	5.60 K 2.0 W10.0 % CC	2	R7,R8
24	24		1316207-00	3.0 K 7W+,-5% WW	1	R3
25	26		1316209-00	17.0 K 7W+,-5% WW	2	R1,R2
26	27		1616215-00	XFMR P=240/360 S=5V	1	T1
27	28		7422391-00	SUPPORT,MOTHER BOARD	1	
28	29		9008219-00	TERM QUICK 1POS ADAPTER	2	J2,J3
29	31		9009000-00	FYELET, ROLLED FLANGE, .121 OD X	5	
30	32		9107688-55	WIRE(WRAP)24AWG UL1327 A/R		

REVISION HISTORY			BASIC PART NO: 5413615		DPN:	M.CICCONE	DATE: 27-MAR-79	D I G I T A L			
ENG	ECO NUMBER	REV	SECTION A OF A		CHK'D:	E.T.GERRY	DATE: 27-MAR-79	TITLE		PARTS LIST	
---	INITIAL	D	SECTION VARIATION INDEX		CHK'D:	E.T.GERRY	DATE: 27-MAR-79	TITLE		PARTS LIST	
R.W.	TW001	E	[A] 00		DES.ENG:	R.WOLF	DATE: 27-MAR-79	MOTHER BOARD			
			[B]								
			[C]		DES.ENG:	R.WOLF	DATE: 27-MAR-79				
			[D]								
			[E]								
			[F]		RESP.ENG.:	R.WOLF	DATE: 27-MAR-79			DOCUMENT NUMBER	
			[H]								
			[J]					SIZE		CODE	NUMBER
			[K]		MFG.ENG.:	P.WAITKUS	DATE: 6-AUG-79	K	PL	5413615-0-DBP	
			[L]								
			[M]		ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:			FILE NAME:	
			[N]		ID-UA-5413615-0-0					Z0376E,PLS	
"THIS DRAWING AND SPECIFICATIONS HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT (C) 1980, DIGITAL EQUIPMENT CORPORATION "											

TW

AUTOMATED BY PHTLST.3J(25)

PARTS LIST

SHEET A2 OF A2

LINE ITEM DOCUMENT NUMBER

PART NUMBER

DESCRIPTION

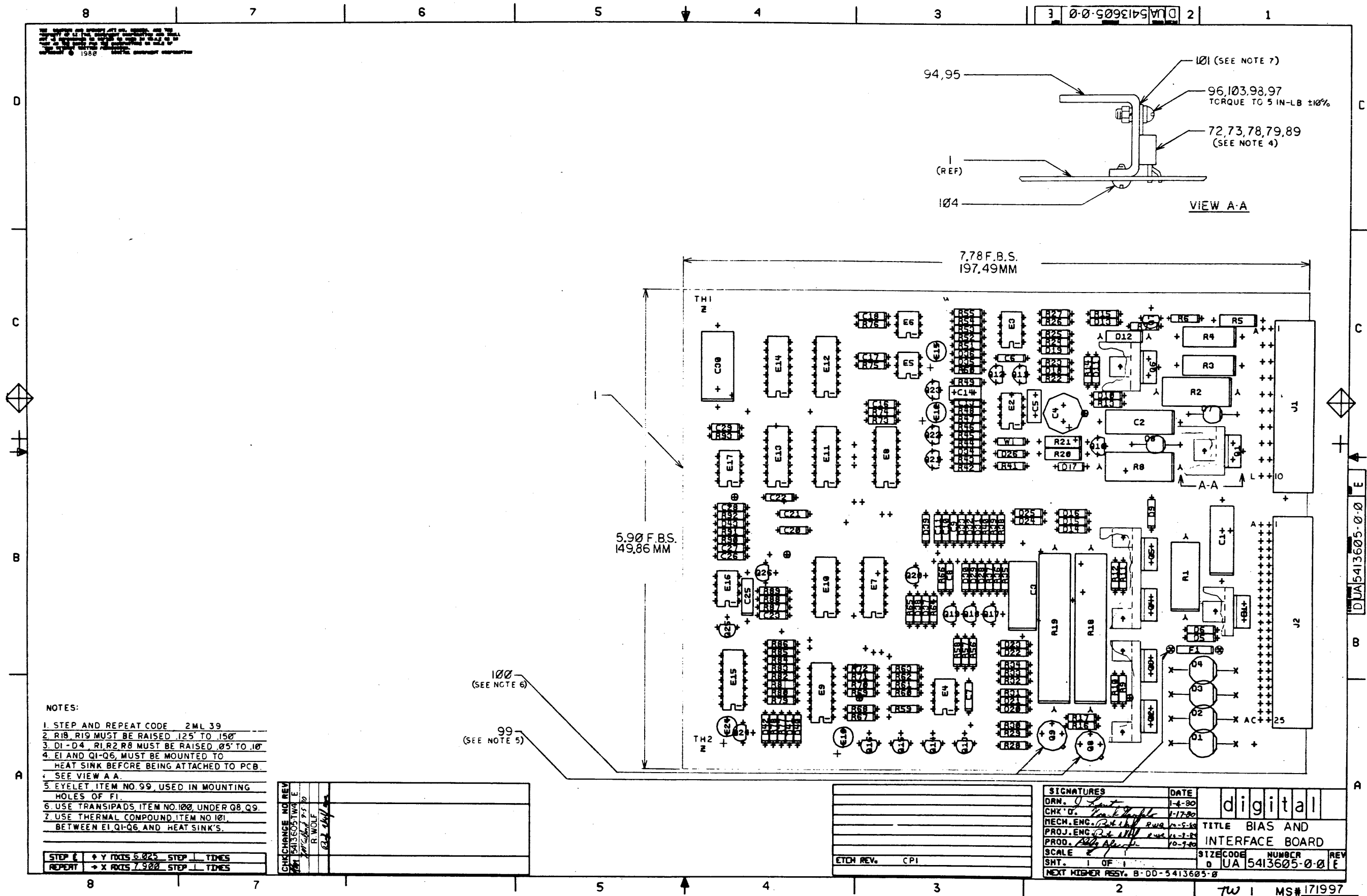
QTY PER VARIATION
00

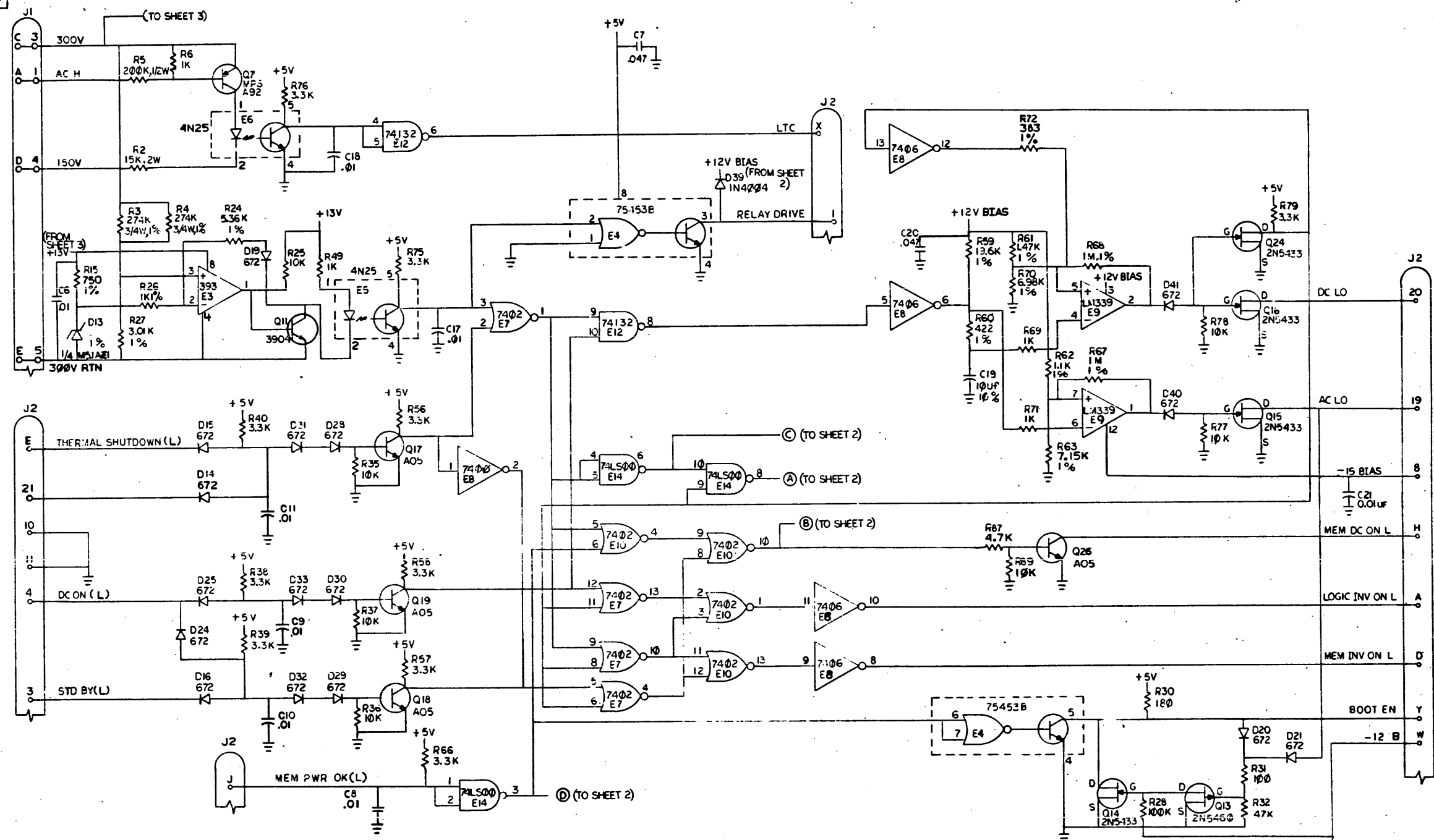
REFERENCE DESIGNATOR

31 NOTE: FOR ITEM #32, 46" IS USED.

D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							MOTHER BOARD		K	PL	5413615-0-DBP	E

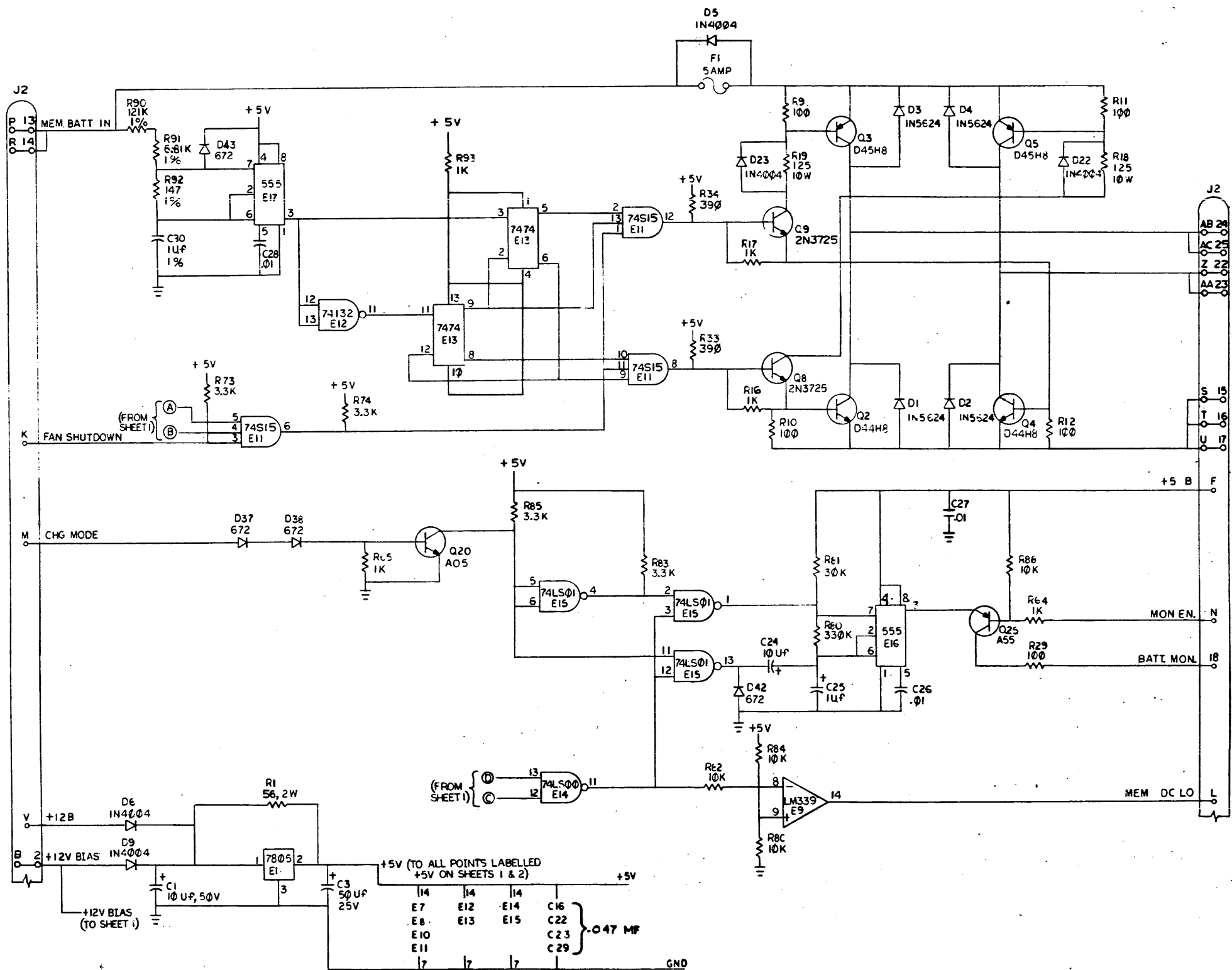
TW





DRIN. <i>fig. 1000</i>	<i>11-7-78</i>	FIRST USED ON		<i>10-02</i>	
CHKT. <i>fig. 1000</i>		TITLE BIAS AND INTERFACE BOARD			
ENG. <i>fig. 1000</i>	<i>7-27-78</i>				
PROG. ENG. <i>fig. 1000</i>	<i>7-27-78</i>				
PROD. T. <i>fig. 1000</i>	<i>7-13-78</i>				
NEXT HIGHER ASBY.		SIZE D	CODE CS	NUMBER 5413605-0-1	REV E
SCALE 1 2 3					
SHEET 1 OF 3		DWT.			

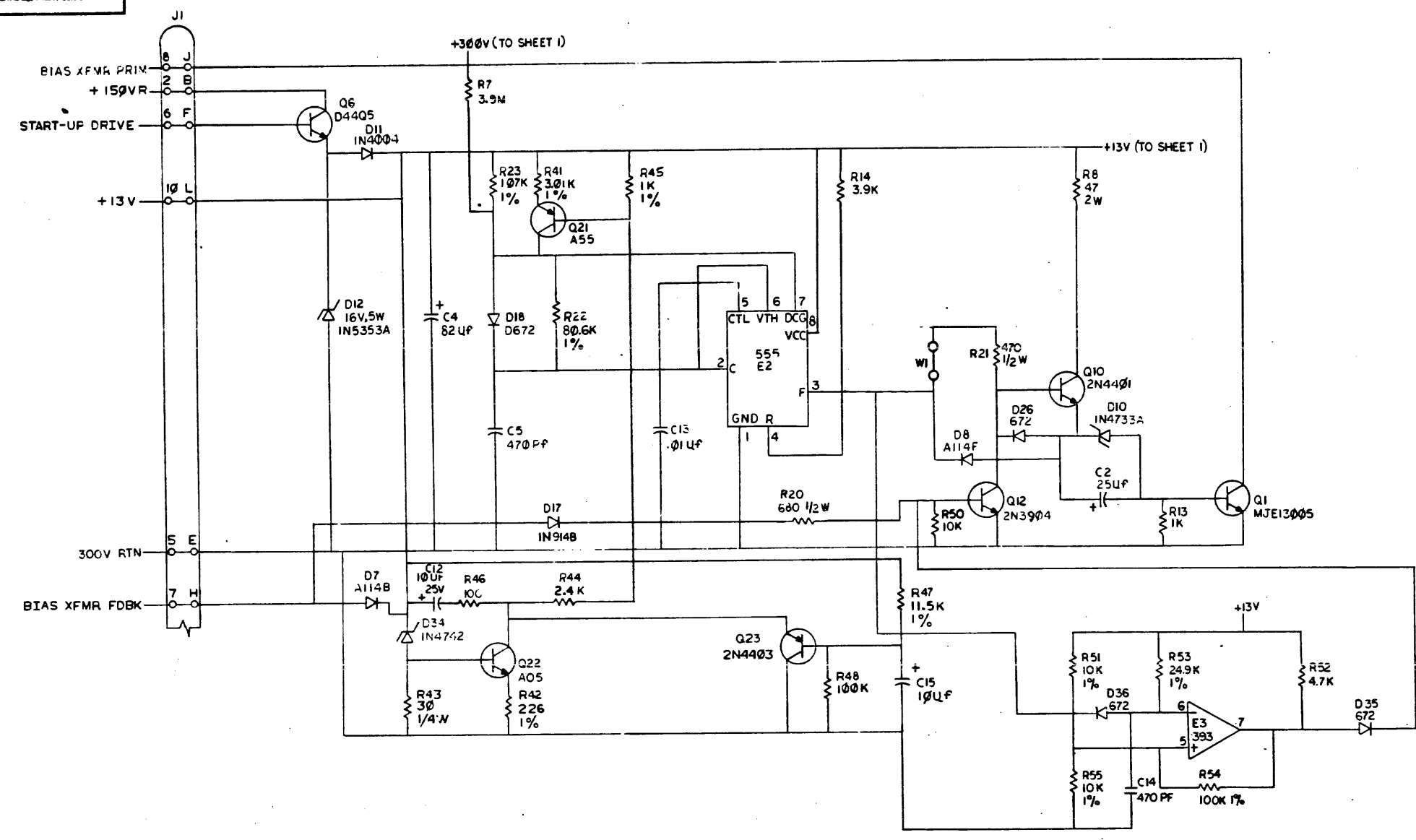
THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. DIGITAL EQUIPMENT CORPORATION
1976



REV.	CHANGE NO.	DATE
1		

TITLE: BIAS AND INTERFACE BOARD
D CS 5413605-0-1 E
SCALE: 1:1
SHEET 2 OF 3
REV. 1

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. DIGITAL EQUIPMENT CORPORATION
1978



REVISIONS		
CHK	CHANGE NO.	REV.

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION 00	REFERENCE DESIGNATOR
1	1	D-MD-5013604-0-0	5013604-00	DRILL & ETCH BD	1	
2	2		1000024-00	470.0 MMF 100V 5%200PFM MICA	2	C5,C14
3	3		1000070-00	10 MFD 50V+100-10% AL EL	1	C1
4	4		1000075-00	25 MFD 25V +75-10% AL EL	1	C2
5	5		1001610-00	.01 MFD 50V +80-20% 25U CER	12	C6,C8-C11,C13,C17,C18,C21, C26-C28
6	6		1001776-00	1 MFD 35V 10% S.TANT	1	C25
7	7		1001796-00	50 MFD 25V +75-10% AL EL	1	C3
8	8		1010866-02	10 MFD 25V +50-20% S.TANT	4	C12,C15,C19,C24
9	9		1012784-00	.047 MFD 50V +80-20% CER	6	C7,C16,C20,C22,C23,C29
10	10		1013252-00	82 MFD 50V+100-10% AL EL	1	C4
11	11		1016138-00	1 MFD 50V 1% M.POLYCARB	1	C30
12	12		1105275-00	D 672 TR= 15NS PIV= 60V SI	24	D14-D16,D18-D21,D24-D26,D28-D33, D35-D38,D40-D43
13	13		1105796-00	1N 4004 PIV=400 I= 1A D041 SP	7	D5,D6,D9,D11,D22,D23,D39
14	14		1105871-00	1/4M5.1AZ1 = 5.1 1% .25W N	1	D13
15	15		1109502-00	1N 4742 VZ= 12.0 10% 1W Y	1	D34
16	16		1109517-00	1N 914B TR= 4NS PIV= 75V SY	1	D17
17	17		1109943-00	1N 4733A VZ= 5.1 5% 1W Y	1	D10
18	18		1110420-00	1N 5624 PIV=200 I= 5A	4	D1-D4
19	19		1110854-00	1N 5353B VZ= 16.0V 5% .40W M	1	D12
20	20		1112595-00	A114F PIV= 50 I= 1A	1	D8
21	21		1112595-01	A114B PIV=200 I= 1A	1	D7
22	22		1205747-00	FUSE, SUB-MINI, 5.000A, 125V, A	1	F1
23	23		1216112-02	HEADER,100 40POS RT ANGLE	1	J1
24	24		1216112-03	HEADER,100 50POS RT ANGLE	1	J2
25	25		1300229-00	100.0 .25 W 5.0 % CC	7	R9-R12,R29,R31,R46
26	26		1300309-00	390.0 .25 W 5.0 % CC	2	R33,R34
27	27		1300315-00	470.0 .50 W 5.0 % CC	1	R21
28	28		1300347-00	680.0 .50 W 5.0 % CC	1	R20

REVISION HISTORY		BASIC PART NO: 5413605		DRN: J.FERGUSON	DATE: 16-OCT-80	D I G I T A L			
ENG	ECO NUMBER	REV	SECTION A OF A	CHK'D: F.GAROFALO	DATE: 16-OCT-80	TITLE PARTS LIST			
---	INITIAL	E	SECTION VARIATION INDEX	DES.ENG: R.WOLF	DATE: 16-OCT-80	BIAS AND INTERFACE BD			
			[A] 00	RESP.ENG.: R.WOLF	DATE: 16-OCT-80	DOCUMENT NUMBER			
			[B]	MFG.ENG.: J.COMELLA	DATE: 16-OCT-80	SIZE	CODE	NUMBER	REV
			[C]	ASSEMBLY NUMBER:	TOP DOCUMENT NUMBER:	K	PL	5413605-0-DBP	E
			[D]	D-UA-5413605-0-0	B-DD-5413605-0-0	FILE NAME:		EDIT #	
			[E]			Z0402.PLS		11	
			[F]	THIS DRAWING AND SPECIFICATIONS HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION.					
			[G]	COPYRIGHT (C) 1980. DIGITAL EQUIPMENT CORPORATION					

TW

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY	PER VARIATION	REFERENCE DESIGNATOR
					00		
29	29		1300365-00	1.0 K .25 W 5.0 % CC	10		R6,R13,R16,R17,R49,R64,R65,R69,
30	30		1300439-00	3.30 K .25 W 5.0 % CC	14	CONT	R71,R93
31	31		1300444-00	3.90 K .25 W 5.0 % CC	1	CONT	R38-R40,R56-R58,R66,R73-R76,R79,
32	32		1300447-00	4.70 K .25 W 5.0 % CC	2		R83,R85
33	33		1300479-00	10.0 K .25 W 5.0 % CC	12		R14
34	34		1301322-00	180.0 .25 W 5.0 % CC	1	CONT	R52,R87
35	35		1302091-00	330.0 K .25 W 5.0 % CC	1		R25,R35-R37,R50,R77,R78,R82,R84,
36	36		1302177-00	47.0 K .25 W 5.0 % CC	1		R86,R88,R89
37	37		1302334-00	15.0 K 2.0 W 5.0 % CC	1		R30
38	38		1302394-00	30.0 K .25 W 5.0 % CC	1		R80
39	39		1302466-00	100.0 K .25 W 5.0 % CC	2		R32
40	40		1302479-00	200.0 K .50 W 5.0 % CC	1		R2
41	41		1302644-00	226.0 .25 W 1.0 % RN55D-F10	1		R81
42	42		1302645-00	1.10 K .25 W 1.0 % RN55D-F10	1		R28,R48
43	43		1302748-00	1.0 K .25 W 1.0 % RN55C-F 5	2		R5
44	44		1302751-00	30.0 .25 W 5.0 % CC	1		R42
45	45		1302836-00	56.0 2.0 W 5.0 % CC	1		R62
46	46		1302860-00	11.50 K .25 W 1.0 % RN55D-F10	1		R26,R45
47	47		1302874-00	147.0 .25 W 1.0 % RN55D-F10	1		R43
48	48		1302955-00	750.0 .25 W 1.0 % RN55D-F10	1		R1
49	49		1303067-00	422.0 .25 W 1.0 % RN55D-F10	1		R47
50	50		1303177-00	2.40 K .25 W 5.0 % CC	1		R92
51	51		1303305-00	6.98 K .25 W 1.0 % RN55D-F10	1		R15
52	52		1303322-00	274.0 K .75 W 1.0 % RN65D-F10	2		R60
53	53		1303438-00	121.0 K .25 W 1.0 % RN55D-F10	1		R44
54	54		1304870-00	6.81 K .25 W 1.0 % RN55D-F10	1		R70
55	55		1305108-00	1.47 K .25 W 1.0 % RN55D-F10	1		R3,R4
56	56		1305125-00	383.0 .25 W 1.0 % RN55D-F10	1		R90
57	57		1305253-00	7.15 K .25 W 1.0 % RN55D-F10	1		R91
58	58		1305357-00	125.0 10.0 W 5.0 % WW	2		R61
59	59		1309419-00	19.60 K .25 W 1.0 % RN55D-F10	1		R72
60	60		1305405-00	24.90 K .25 W 1.0 % RN55D-F10	1		R63
61	61		1313341-00	5.36 K .25 W 1.0 % RN55D-F10	1		R18,R19
62	62		1313775-00	80.60 K .25 W 1.0 % RN55D-F10	1		R59
63	63		1313843-00	107.0 K .25 W 1.0 % RN55D-F10	1		R53
64	64		1314023-00	47.0 2.0 W 5.0 % CC	1		R24
65	65		1314041-00	3.01 K .25 W 1.0 % RN55D-F10	2		R22
66	66		1314121-00	1.0 M .25 W 1.0 % RN55D-F10	2		R23
67	67		1314387-00	3.90 M .25 W 5.0 % CC	1		R8
68	68		1509524-00	2N 3904 NPN 310MW SI 40 40 M	2		R27,R41
69	69		1510233-00	2N 5460 FET 310MW SIP CHNNL	1		R67,R68
70	70		1510705-00	XA 05 NPN 500MW SI 60 50 P	6		R7
71	71		1510706-00	XA 55 PNP 500MW SI 60 50 P	2		Q11,Q12
72	72		1510707-00	D 44H8 NPN 25W SI 60Q2A	2		Q13
73	73		1510708-00	D 45H8 PNP 50WT SI 60 60 Y	2		Q17-Q20,Q22,Q26

D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							BIAS AND INTERFACE BD		K	PL	5413605-0-DBP	E

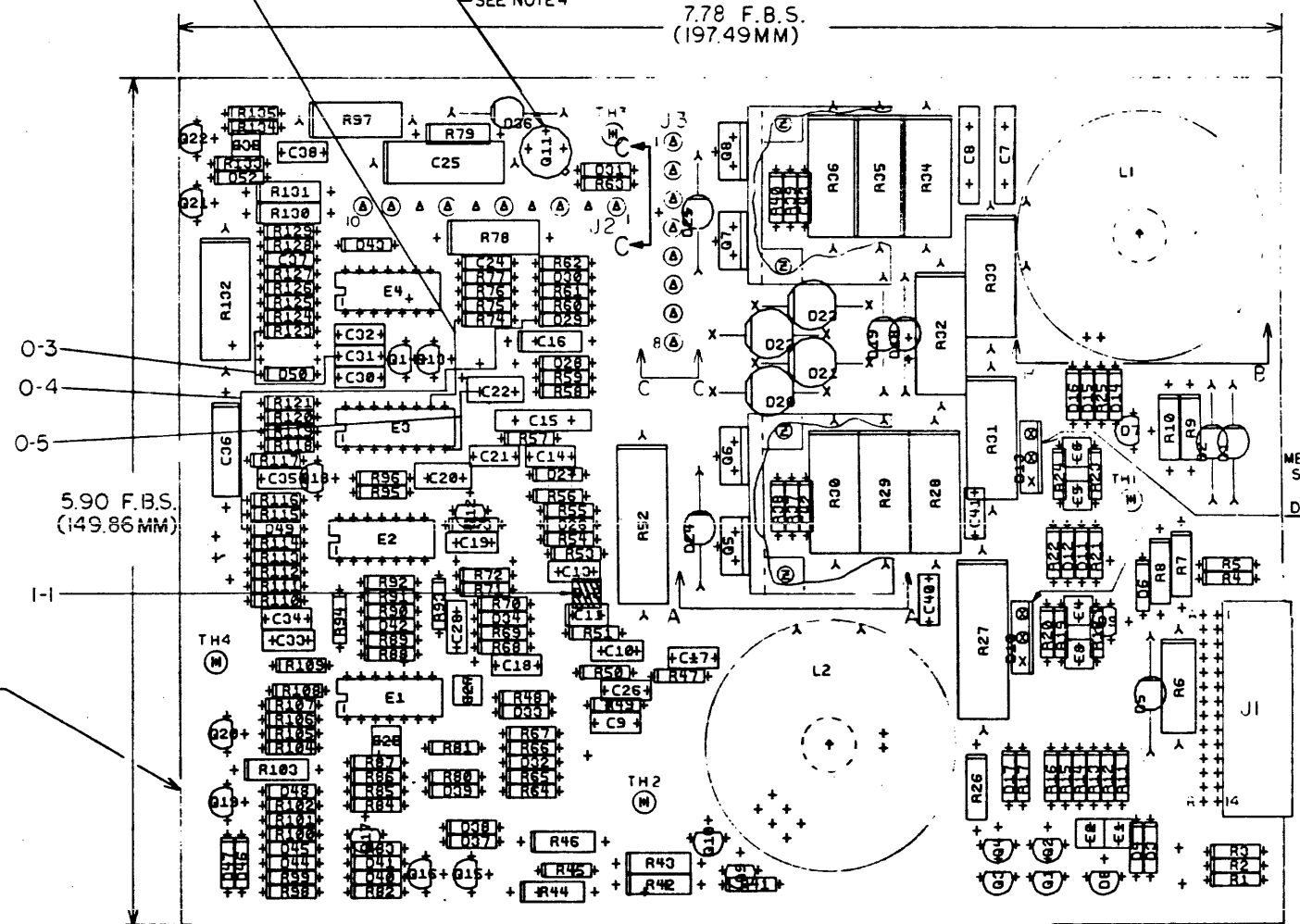
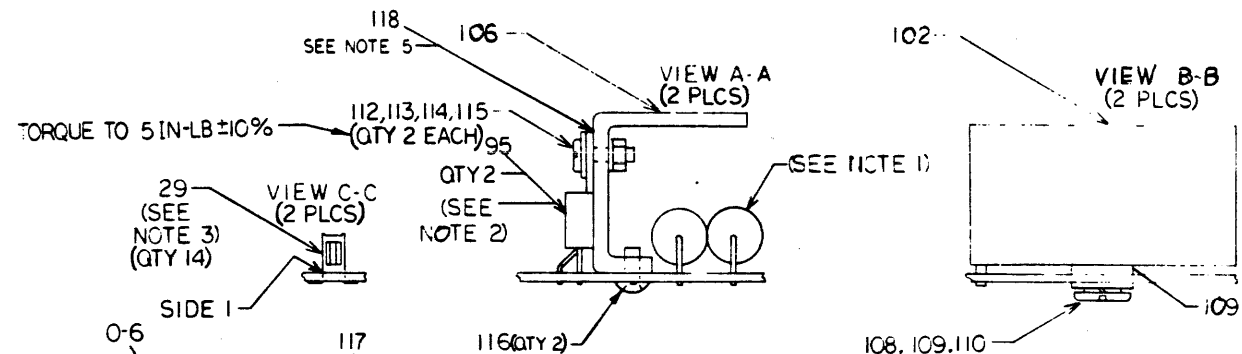
TW

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION 00	REFERENCE DESIGNATOR
74	74	1510959-00	2N 3725 NPN 3.5WC SI 50 60 P	2	Q8,Q9
75	75	1511686-00	DEC5433 FET N 350MW 10 25 1A	4	Q14-Q16,Q24
76	76	1513489-00	2N 4401 NPN 350MW SI 40 20	1	Q10
77	77	1513490-00	2N 4403 PNP 350MW SI-40 30	1	Q23
78	78	1514271-01	D 44Q5 NPN 31W SI225 30	1	Q6
79	79	1516119-00	NPN 600MW SI400 40	1	Q1
80	80	1516121-00	MPS A92 FNP 625MW SI300 25	1	Q7
81	81	1905547-00	7474 FF-D DUAL,EDGE TRIGG	1	E13
82	82	1909004-00	DEC 7402 NOR GATE-QUAD 2IN	2	E7,E10
83	83	1910538-00	74S15 AND GATE-TRIPLE 3IN	1	E11
84	84	1910741-00	7406 INVERTER GATE-HEX 1I	1	E8
85	85	1911036-00	75453 DRIVER,PERIPH,DUAL,	1	E4
86	86	1911637-00	74132 NAND GATE-QUAD 2 IN	1	E12
87	87	1911944-00	555CN TIMER,FUNCT,BLOCK	3	E2,E16,E17
88	88	1912108-00	339 VOLT CMPRTR,QUAD	1	E9
89	89	1912536-01	7805 VOLT REG,FIX +5V	1	E1
90	90	1912799-00	LS00 NAND-GATE-QUAD 2IN,P	1	E14
91	91	1912800-00	LS01 NAND-GATE-QUAD 2IN,P	1	E15
92	92	1914156-00	LM 393 VOLT.COMPARATOR DUAL	1	E3
93	93	1914194-00	OPTP-COUPLED ISOLATOR	2	E5,E6
94	94	C-MD-7422046-0-0	7422046-00 HEAT SINK,SINGLE	3	
95	95	B-MD-7422047-0-0	7422047-00 HEAT SINK,DOUBLE	2	
96	96	9006011-01	SCREW,PAN,PHIL 4-40X 3/8 SS	7	
97	97	9006556-00	NUT,HEX , 4-40X1/4 AF X 3/	7	
98	98	9006688-00	WASHER, LOCK, S.S. #4	7	
99	99	9006735-00	EYELET, FUNNEL FLANGE, .059 OD X	2	
100	100	9007201-00	TRANSIPADS #10253	2	
101	101	9008268-00	COMPOUND, THERMAL JOINT	A/R	
102	102	9009185-00	JUMPER, WIRE, INSULATED, BLACK B	1	W1
103	103	9009769-00	WASHER, RECTANGULAR .405X.225X.0	7	
104	104	9010128-00	SCREW,TAPPING,TYPE PAN ,PHIL,	7	
105	105	1303312-00	10.0 K .25 W 1.0 % RN55D-F10	2	R51,R55
106	106	1303044-00	100.0 K .25 W 1.0 % RN55D-F10	1	R54

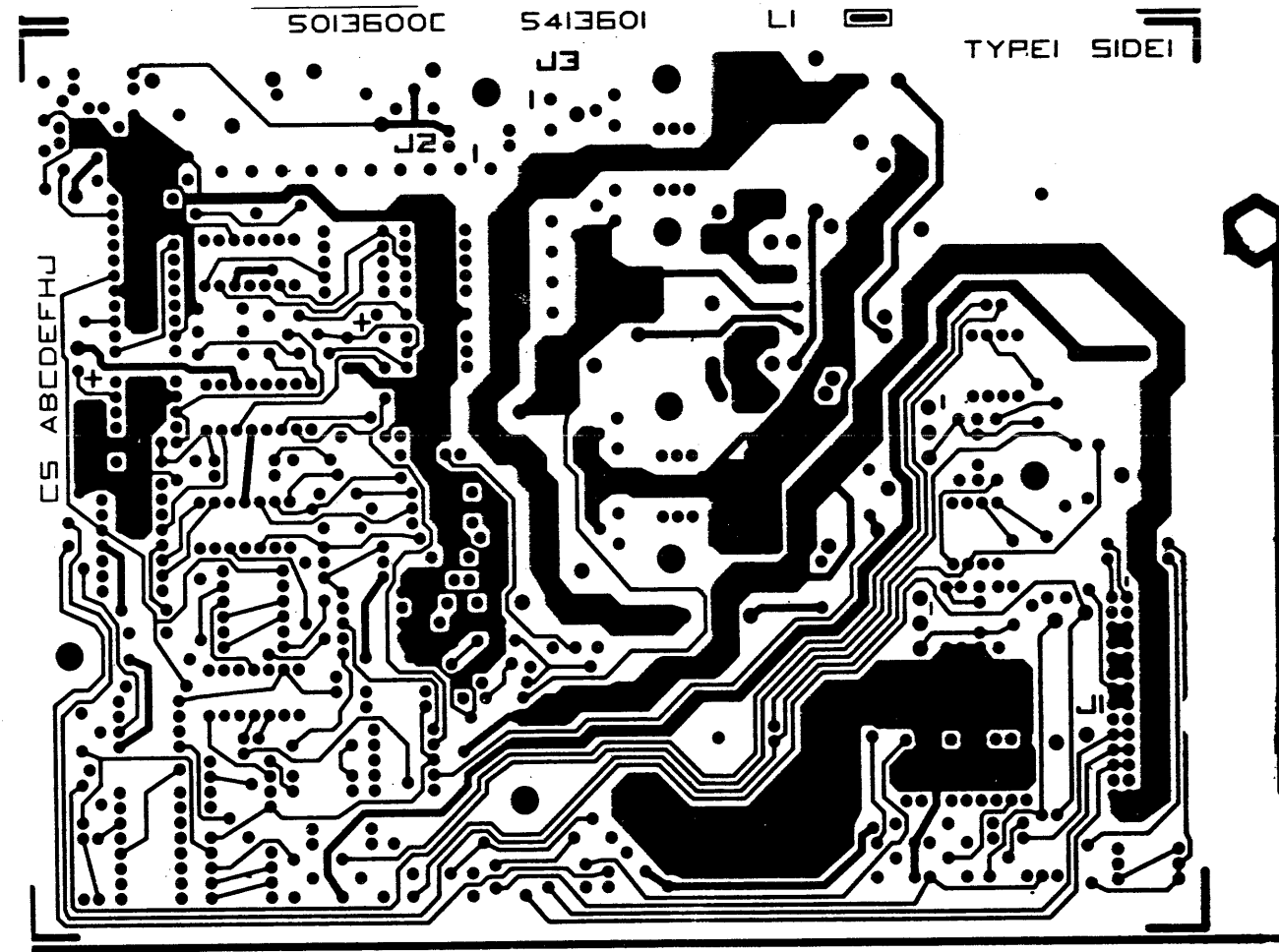
D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							BIAS AND INTERFACE BD		K	PL	5413605-0-DBP	E

TW

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



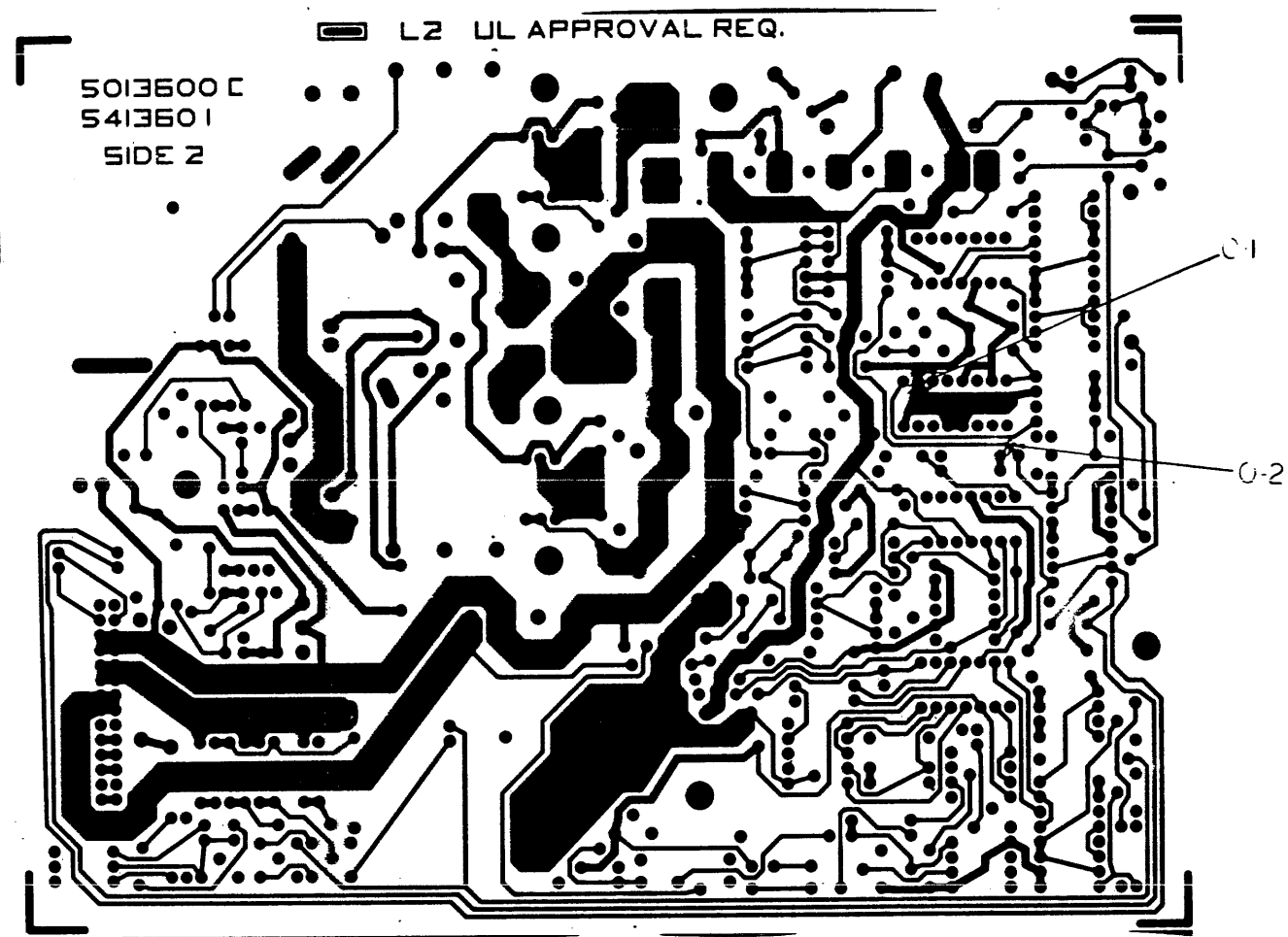
THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1974 DIGITAL EQUIPMENT CORPORATION.



REVISIONS		
CHK	CHANGE NO	REV

TITLE		LOGIC INVERTER CONTROL BOARD		SIZE CODE		NUMBER		REV.	
SCALE		SHEET 2 OF 4		DIST.		TU		C	

"THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION.
COPYRIGHT © 1973 BY DIGITAL EQUIPMENT CORPORATION"



REVISIONS		
CHK	CHANGE NO	REV

TITLE		LOGIC INVERTER CONTROL BOARD	SIZE CODE	NUMBER	REV.
SCALE 2/1		SHEET 3 OF 4	D JA	5413601-0-0	C

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION.
COPYRIGHT © 1979 DIGITAL EQUIPMENT CORPORATION

REWORK INSTRUCTIONS:

ETCH CUTS SIDE 2

- 0-1 CUT ETCH ON BOTH SIDES OF E3-10 (2 CUTS)
0-2 FROM R74 TO Q18/BASE (CUT NEAR BASE)

WIRE ADD SIDE 1

- 0-3 FROM R123 TO C31
0-4 FROM D49/CATHODE TO D29/CATHODE
0-5 FROM E3-B TO C22
0-6 FROM E3-10 TO R74.

REWORK INSTRUCTIONS: (ECO#)

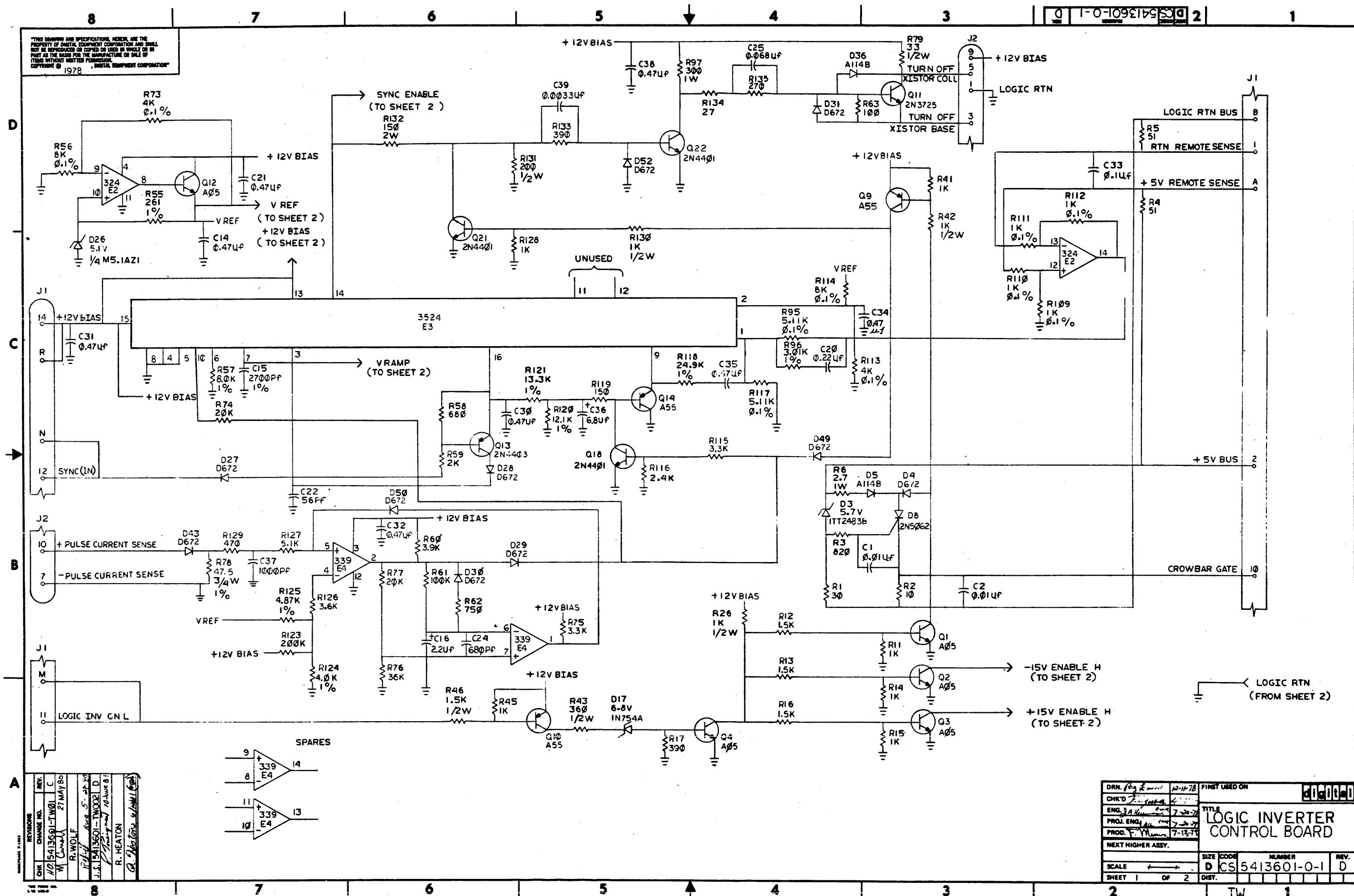
NETWORK INSTRUCTION
COMPONENT DELETE SIDE 1

1-1 DELETE C12

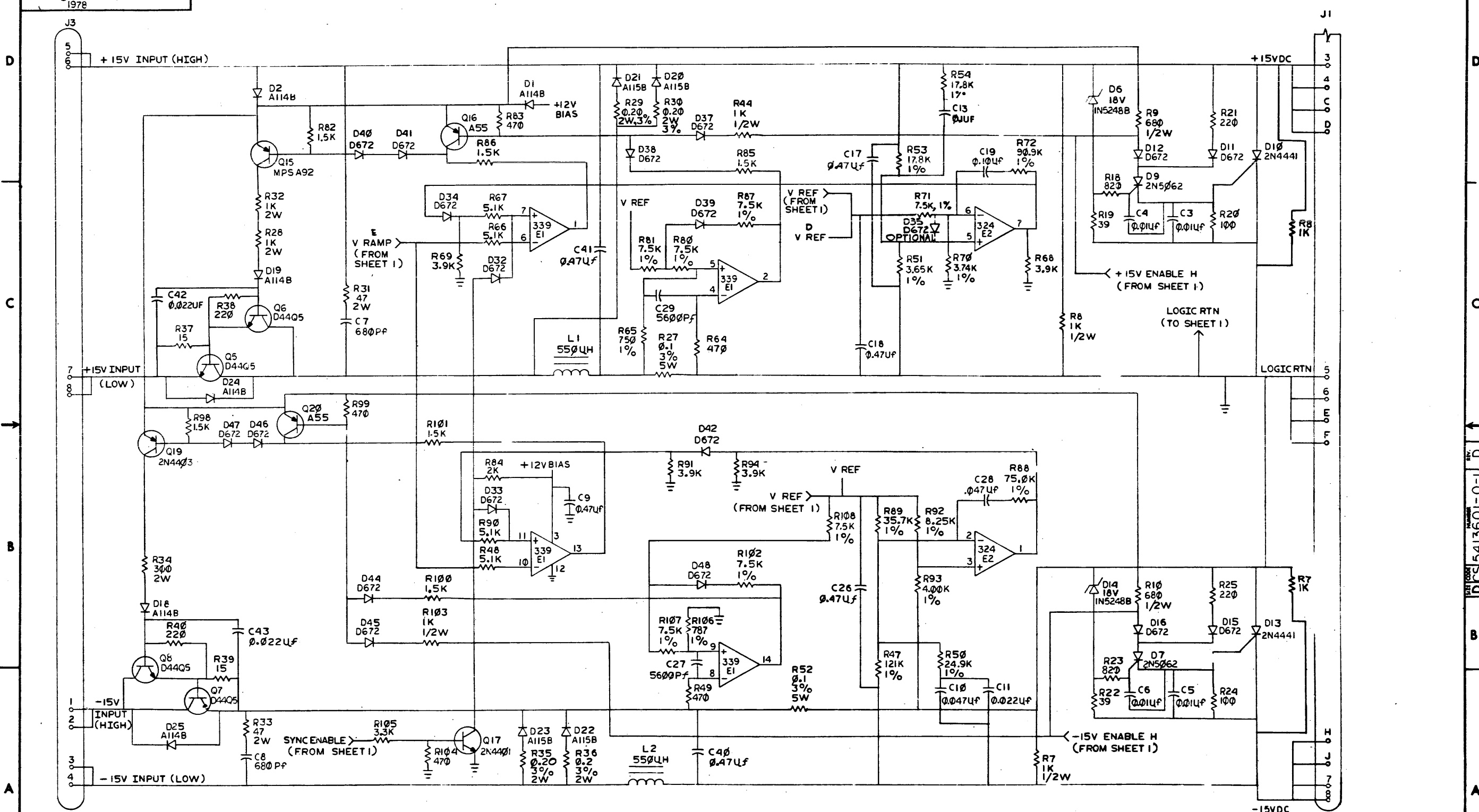
REVISION HISTORY		
DATE	ECO NUMBER	REV.

TITLE	LOGIC INVERTER CONTROL BOARD
-------	---------------------------------

DOCUMENT NUMBER			
SIZE	CODE	NUMBER	REV.
D	UA	541360I-0-0	C
SCALE NONE		SHEET 4 OF 4	



THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION.
DIGITAL EQUIPMENT CORPORATION
COPYRIGHT © 1978



REVISIONS		
CHK	CHANGE NO.	REV.

TITLE		LOGIC INVERTER CONTROL BOARD	SIZE CODE	NUMBER	REV.
SCALE		SHEET 2 OF 2	DIST.	DCS 5413601-0-1	D

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY	PER VARIATION	REFERENCE DESIGNATOR
					00		
1	1	D-MD-5013600-0-0	5013600-00	DRILL & ETCH BD	1		
2	2		1010978-24	.01 MFD 50V 10%	6		C1-C6
3	3		1013280-00	680.0 MMF 1000V 5%200PPM MICA	2		C7,C8
4	4		1010279-01	.47 MFD 25V 20%	14		C9,C14,C18,C21,C30-C32,C34,C35,
						CONT	C38,C17,C26,C40,C41
5	5		1010978-32	.047 MFD 50V 10%	2		C10,C28
6	6		1011683-00	.022 MFD 50V 10%	1		C11
7	7		1014170-00	2700.0 MMF 100V 1% 70PPM MICA	1		C15
8	8		1002627-00	2.2MFD 20V 10% S.TANT	1		C16
9	9	BLANK		*** THIS ITEM IS NOT USED ***	-		
10	10		1010978-36	.1 MFD 50V 10%	3		C19,C33,C13
11	11		1010274-00	.22 MFD 50V +80-20% Z5U CER	1		C20
12	12		1000012-00	56.0 MMF 100V 5%200PPM MICA	1		C22
13	13		1013466-08	680.0 MMF 50V 10% X7R CER	1		C24
14	14		1000052-00	.068 MFD 100V 10% MYLR	1		C25
15	15		1012783-00	.022 MFD 50V +80-20% CER	2		C43,C42
16	16		1011740-00	5600.0 MMF 50V 10% CER	2		C27,C29
17	17		1005306-00	6.8MFD 35V 10% S.TANT	1		C36
18	18		1013466-09	1000.0 MMF 50V 10% X7R CER	1		C37
19	19		1011740-01	3300.0 MMF 50V 10% CER	1		C39
20	20		1112595-01	A114B PIV=200 I= 1A	8		D1,D2,D5,D18,D19,D24,D25,D36
21	21		1111205-00	SCREENED VZ= 5.7 2% .40W	1		D3
22	22		1105275-00	D 672 TR= 15NS PIV= 60V SI	28		D4,D11,D12,D15,D16,D27-D34,
						CONT	D37-D50,D52
23	23		1110766-00	1N 5248B VZ= 18.0 5% .50W	2		D6,D14
24	24		1110968-00	2N 5062 SCRA100V I=.8A T092	3		D7-D9
25	25		1109991-00	1N 754A VZ= 6.8 5% .40W	1		D17
26	26		1112594-01	A115B PIV=200 I= 3A	4		D20-D23
27	27		1105871-00	1/4M5,1AZ1 = 5.1 1% .25W N	1		D26
28	28		1105873-00	*** THIS ITEM IS NOT USED ***	-		

REVISION HISTORY			BASIC PART NO: 5413601			DRN: J.LENT			DATE: 3-JAN-79			D I G I T A L		
ENG	ECO NUMBER	REV	SECTION A OF A			CHK'D: F.GERRY			DATE: 19-JUL-79			TITLE PARTS LIST		
---	INITIAL	B	SECTION VARIATION INDEX			DES.ENG: J.A.HERRMANN			DATE: 19-JUL-79			LOGIC INVERTER CONTROL BD		
---	INITIAL	B	[A] 00											
RW	5413601-TW001	IC	[B]											
RH	5413601-TW002	D	[C]											
			[D]											
			[E]											
			[F]			RESP.ENG.: J.A.HERRMANN			DATE: 19-JUL-79			DOCUMENT NUMBER		
			[H]											
			[J]									SIZE CODE NUMBER REV		
			[K]			MFG.ENG.: F.MUNIZ			DATE: 19-JUL-79			K PL 5413601-0-DBP D		
			[L]											
			[M]			ASSEMBLY NUMBER:			TOP DOCUMENT NUMBER:			FILE NAME: EDIT #		
			[N]			D-UA-5413601-0-0						Z0400.PLS 22		
"THIS DRAWING AND SPECIFICATIONS HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT (C) 1981, DIGITAL EQUIPMENT CORPORATION."														

TW

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION	REFERENCE DESIGNATOR
					00	
29	29		121172R-00	SOCKET 1POS STRIP FORM	14	J2,J3
30	30		1216112-01	HEADER,100 28POS RT ANGLE	1	J1
31	31		1302751-00	30.0 .25 W 5.0 % CC	1	R1
32	32		1301317-00	10.0 .25 W 5.0 % CC	1	R2
33	33		1301775-00	820.0 .25 W 5.0 % CC	3	R3,R18,R23
34	34		1312928-00	51.0 .25 W 5.0 % CC	2	R4,R5
35	35		1310382-00	2.70 1.0 W 5.0 % CC	1	R6
36	36		1300364-00	1.0 K .50 W 5.0 % CC	7	R7,R8,R26,R42,R44,R103,R130
37	37		1300347-00	680.0 .50 W 5.0 % CC	2	R9,R10
38	38		1300365-00	1.0 K .25 W 5.0 % CC	6	R11,R14,R15,R41,R45,R128
39	39		1300391-00	1.50 K .25 W 5.0 % CC	9	R12,R13,R16,R82,R85,R86,R98, R100,R101
40	40		1300309-00	390.0 .25 W 5.0 % CC	2	CONT R17,R133
41	41		1302377-00	39.0 .25 W 5.0 % CC	2	R19,R22
42	42		1300229-00	100.0 .25 W 5.0 % CC	3	R20,R24,R63
43	43		1300271-00	220.0 .25 W 5.0 % CC	4	R21,R25,R38,R40
44	44		1305872-00	.10 5.0 W 3.0 % WW	2	R27,R52
45	45		1301952-00	1.0 K 2.0 W 5.0 % CC	2	R28,R32
46	46		1311604-00	.20 3.0 W 3.0 % WW	4	R29,R30,R35,R36
47	47		1314023-00	47.0 2.0 W 5.0 % CC	2	R31,R33
48	48		1309855-00	300.0 2.0 W 5.0 % CC	1	R34
49	49		1301421-00	15.0 .25 W 5.0 % CC	2	R37,R39
50	50		1302955-00	750.0 .25 W 1.0 % RN55D-F10	1	R65
51	51		1302323-00	360.0 .50 W 5.0 % CC	1	R43
52	52		1300394-00	1.50 K .50 W 5.0 % CC	1	R46
53	53		1303438-00	121.0 K .25 W 1.0 % RN55D-F10	1	R47
54	54		1300316-00	470.0 .25 W 5.0 % CC	6	R49,R64,R83,R99,R104,R129
55	55		1305405-00	24.90 K .25 W 1.0 % RN55D-F10	2	R50,R118
56	56		1304835-00	/REPLACED BY 13-05337-00	1	R51
57	57		1312989-00	17.80 K .25 W 1.0 % RN55D-F10	2	R53,R54
58	58		1313151-00	3.60 K .25 W 5.0 % CC	1	R126
59	59		1302873-00	261.0 .25 W 1.0 % RN55D-F10	1	R55
60	60		1305356-00	8.0 K .25 W .10 % RN55C-B 5	2	R56,R114
61	61		1305129-00	8.0 K .25 W 1.0 % RN55D-F10	1	R57
62	62		1312930-00	5.10 K .25 W 5.0 % CC	5	R48,R66,R67,R90,R127
63	63		1300444-00	3.90 K .25 W 5.0 % CC	5	R60,R68,R69,R91,R94
64	64		1302466-00	100.0 K .25 W 5.0 % CC	1	R61
65	65		1301401-00	750.0 .25 W 5.0 % CC	1	R62
66	66		1304693-00	*** THIS ITEM IS NOT USED ***	-	
67	67		1302391-00	20.0 K .25 W 5.0 % CC	2	R77,R74
68	68		1312452-00	3.74 K .25 W 1.0 % RN55D-F10	1	R70
69	69		1313344-00	75.0 K .25 W 1.0 % RN55D-F10	1	R88
70	70		1311320-00	90.90 K .25 W 1.0 % RN55D-F10	1	R72
71	71		1304728-00	4.0 K .25 W .10 % RN55E-B 2	2	R73,R113
72	72		1300439-00	1.30 K .25 W 5.0 % CC	3	R75,R105,R115
73	73		1312932-00	36.0 K .25 W 5.0 % CC	1	R76
74	74		1301459-00	47.50 .75 W 1.0 % RN65D-F10	1	R78
75	75		1300195-00	33.0 .50 W 5.0 % CC	1	R79

D	I	G	I	T	A	L	TITLE	LOGIC INVERTER CONTROL BD	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	5413601-0-DBP	D

TW

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION 00	REFERENCE DESIGNATOR
76	76		1305322-00	7.50 K .25 W 1.0 % RN55D-F10	7	R80,R81,R107,R108,R87,R102,R71
77	77		1302388-00	2.0 K .25 W 5.0 % CC	2	R59,R84
78	78		1305421-00	35.70 K .25 W 1.0 % RN55D-F10	1	R89
79	79		1305325-00	8.25 K .25 W 1.0 % RN55D-F10	1	R92
80	80		1305127-00	4.0 K .25 W 1.0 % RN55D-F10	2	R93,R124
81	81		1305432-00	5.11 K .25 W .10% RN55E-B 2	2	R95,R117
82	82		1314041-00	3.01 K .25 W 1.0 % RN55D-F10	1	R96
83	83		1300292-00	300.0 1.0 W 5.0 % CC	1	R97
84	84		1304865-00	1.0 K .25 W .10% RN55E-B 2	4	R109-R112
85	85		1300250-00	150.0 .25 W 5.0 % CC	1	R119
86	86		1303313-00	12.10 K .25 W 1.0 % RN55D-F10	1	R120
87	87		1312565-00	13.30 K .25 W 1.0 % RN55D-F10	1	R121
88	88		1300202-00	*** THIS ITEM IS NOT USED ***	-	
89	89		4810004-48	*** THIS ITEM IS NOT USED ***	-	
90	90		1302381-00	200.0 .50 W 5.0 % CC	1	R131
91	91		1300257-00	150.0 2.0 W 5.0 % CC	1	R132
92	92		1301522-00	27.0 .25 W 5.0 % CC	1	R134
93	93		1301972-00	270.0 .25 W 5.0 % CC	1	R135
94	94		1510705-00	XA 05 NPN 500MW SI 60 50 P	5	Q1-Q4,Q12
95	95		1514271-01	D 44Q5 NPN 31W SI225 30	4	Q5-Q8
96	96		1510706-00	XA 55 PNP 500MW SI 60 50 P	5	Q9,Q10,Q14,Q16,Q20
97	97		1510959-00	2N 3725 NPN 3.5WC SI 50 60 P	1	Q11
98	98		1513490-00	2N 4403 PNP 350MW SI-40 30	2	Q13,Q19
99	99		1516121-00	MPS A92 PNP 625MW SI300 25	1	Q15
100	100		1513489-00	2N 4401 NPN 350MW SI 40 20	4	Q17,Q18,Q21,Q22
101	101		1505867-00	2N 4441 SCRD 50V & 8A	2	D10,D13
102	102		1616213-00	450.0 UH 4 A	2	L1,L2
103	103		1912108-00	339 VOLT CMPRTR,QUAD	2	E1,E4
104	104		1912107-00	324 OP AMP,QUAD	1	E2
105	105		1914250-00	3524 MODULATOR-REGULATING	1	E3
106	106		7422047-01	HEAT SINK DOUBLE	2	
107	107		1301424-00	680.0 .25 W 5.0 % CC	1	R58
108	108		9006039-01	SCREW,PAN,PHIL 8-32X 1/2 SS	2	
109	109		9006660-00	WASHER, FLAT, .375 O.D. X .187 I	4	
110	110		9006690-00	WASHER, LOCK, S.S. #8	2	
111	111		1303177-00	2.40 K .25 W 5.0 % CC	1	R116
112	112		9006011-01	SCREW,PAN,PHIL 4-40X 3/8 SS	4	
113	113		9009769-00	WASHER, RECTANGULAR .405X.225X.0	4	
114	114		9006556-00	NUT,HEX 4-40X1/4 AF X 3/	4	
115	115		9006688-00	WASHER, LOCK, S.S. #4	4	
116	116		9010128-00	SCREW,TAPPING,TYPE PAN,PHIL,	4	
117	117		9007201-00	TRANSIPADS #10253	1	C23
118	118		9008260-00	COMPOUND, THERMAL JOINT	A/R	
119	119		1314516-00	200.0 K .25 W 5.0 % CC	1	R123
120	120		1313592-00	4.87 K .25 W 1.0 % RN55D-F10	1	R125
121	121		9105740-55	WIRE(WRAP)30AWG UL1423	A/R	
122	122		1000009-00	*** THIS ITEM IS NOT USED ***	-	
123	123		4810004-34	*** THIS ITEM IS NOT USED ***	-	

D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							LOGIC INVERTER CONTROL BD		K	PL	5413601-0-DBP	D

TW

AUTOMATED BY PRTLST, 3G(17)

PARTS LIST

SHEET A4 OF A4

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION	REFERENCE DESIGNATOR
124	124		1313794-00	787.0 .25 W 1.0 % RN55D-F10	1	R106

125 NOTE: ITEM #121; .52" IS USED.

D	I	G	I	T	A	L	TITLE	LOGIC INVERTER CONTROL BD	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	5413601-0-DBP	D

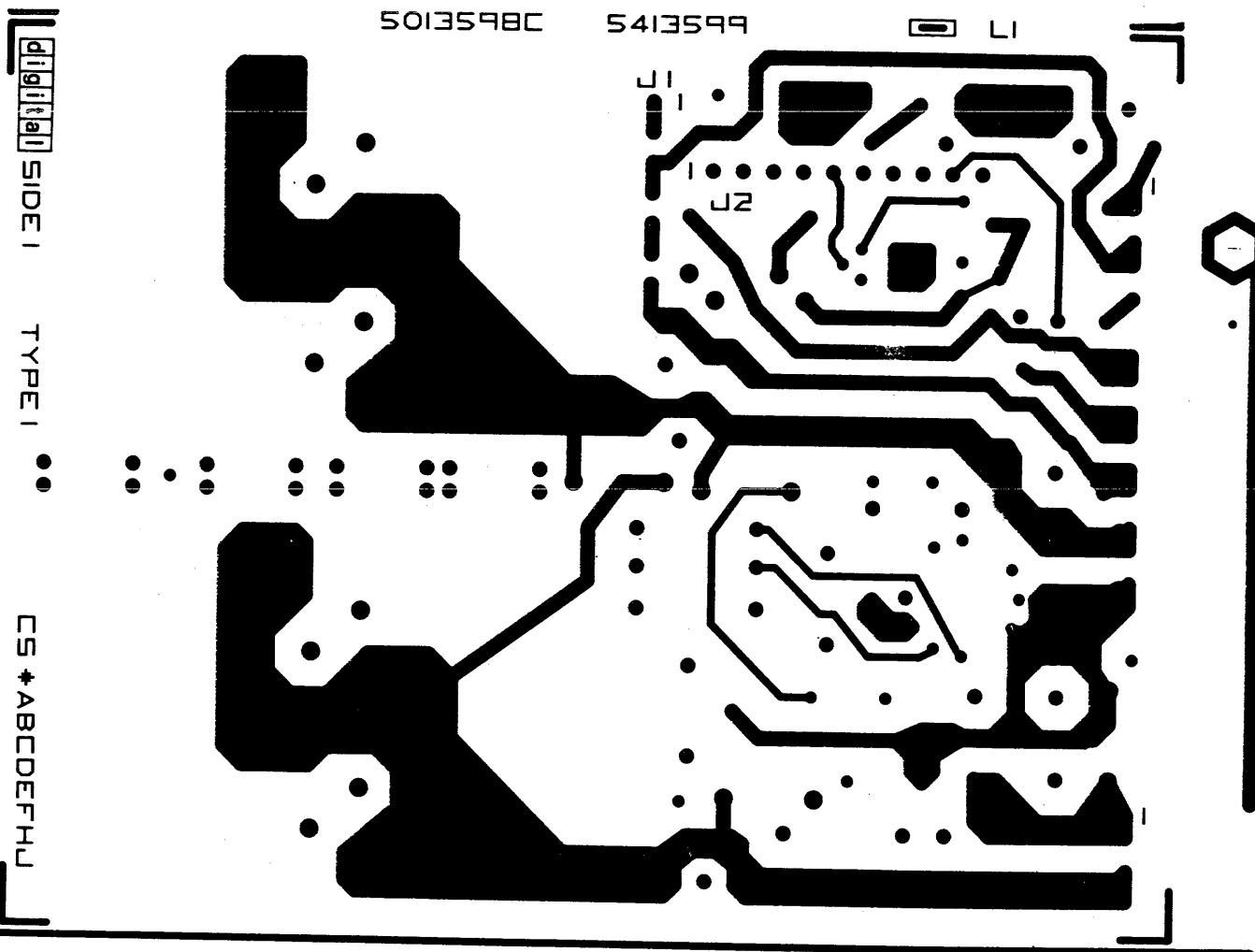
TW



9

SIZE	CODE	NUMBER
D	UA	54-13599-Ø
		99-Ø

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1973 DIGITAL EQUIPMENT CORPORATION



digital SIDE 1

TYPE I

CS + ABCDEFFHJ

5013598C

5413599

LI

J1

J2

REV. C
NUMBER 5413599-0-0
DUA

B

A

D

C

↑

REVISIONS		
CHK	CHANGE NO.	REV.

TITLE
LOGIC INVERTER BOARD

SIZE CODE
DUA

NUMBER
5413599-0-0

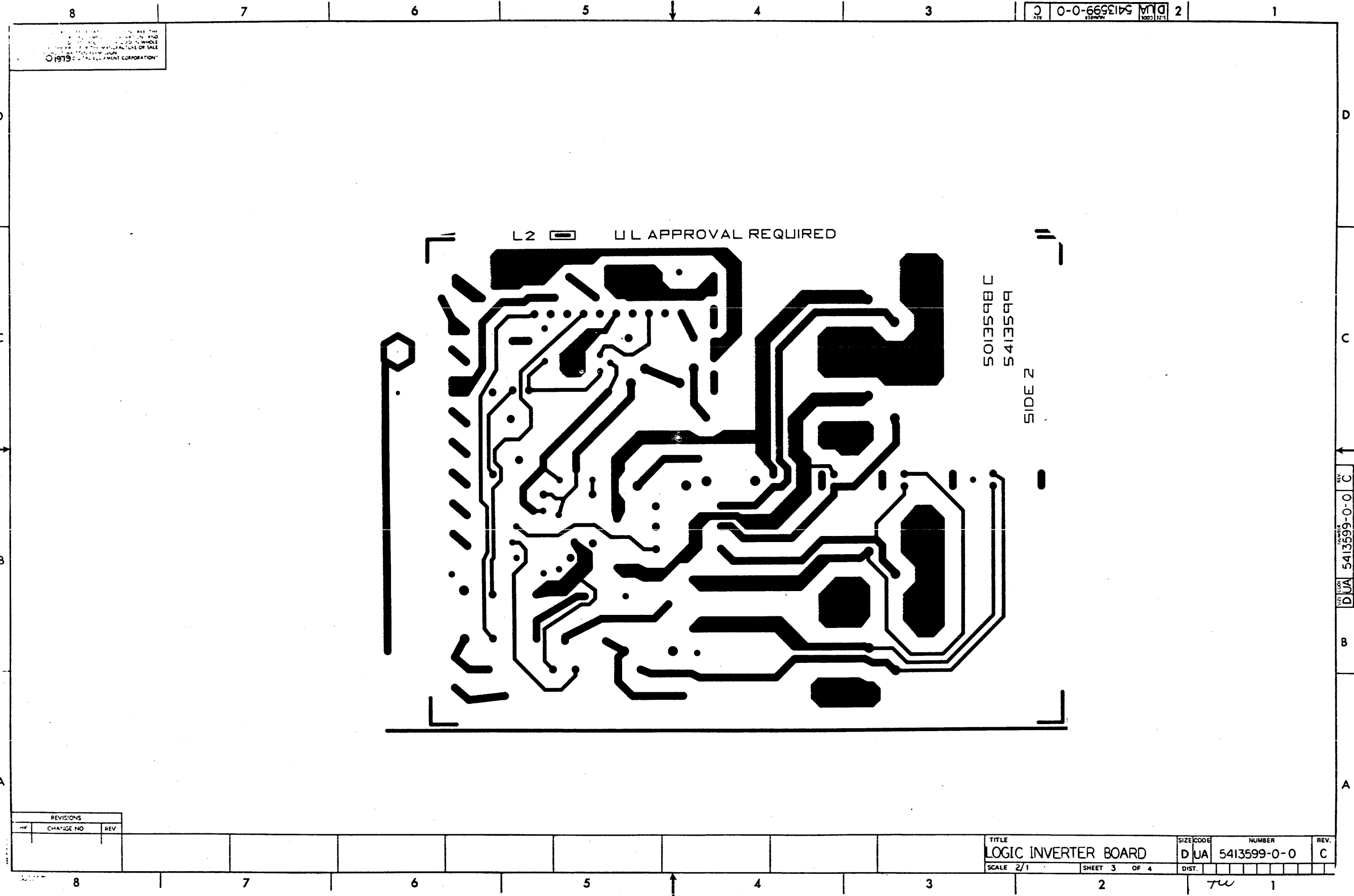
REV.
C

SCALE 1/1

SHEET 2 OF 4

DIST. 1

TW



THIS DRAWING IS THE PROPERTY OF THE
DRAWING ENGINEER AND IS NOT TO BE
REPRODUCED OR COPIED IN WHOLE
OR IN PART WITHOUT THE WRITTEN
CONSENT OF THE DRAWING ENGINEER
© 1979 - RAYTHEON CORPORATION

2 DUA 5413599-0-0 C

L2 UL APPROVAL REQUIRED

5013598 C
5413599
SIDE 2

REVISIONS		
REV	CHANGE NO	REV

TITLE		SIZE	CODE	NUMBER		REV.
LOGIC INVERTER BOARD		D	UA	5413599-0-0		C
SCALE 2/1		SHEET 3 OF 4		DIST.		

8

C

0-0-66599-0-0

6

5

4

3

2

1

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION.
COPYRIGHT © 1980
DIGITAL EQUIPMENT CORPORATION

REWORK INSTRUCTION (ECO 1)

COMPONENT ADDS: SIDE 1

- 1-1 INSTALL R13 BY DRILLING ONE .055" HOLE AS SHOWN. (HOLE IS UNDERNEATH R13)
- 1-2 C5 AND R13 ARE CONNECTED BY TWISTING ONE LEAD OF R13 WITH ONE LEAD OF C5 AND SOLDERING. THE OTHER LEAD OF R13 IS TACK SOLDERED TO THE ETCH ON SIDE 2 LEADING TO THE CATHODE OF D5. THE OTHER LEAD OF C5 IS CONNECTED TO THE ANODE OF D5. (SEE VIEW D-D)
- 1-3 R12 AND C4 ARE CONNECTED BY TWISTING ONE LEAD OF R12 WITH ONE LEAD OF C4 AND SOLDERING. THE OTHER LEAD OF R12 IS CONNECTED TO THE ANODE OF D6. THE OTHER LEAD OF C4 IS TACK SOLDERED TO J1-1 AND 2. (SEE VIEW E-E)

D

C

B

A

D

C

B

A

DUA 54-13599-0-0

REVISION HISTORY

DATE	ECO NUMBER	REV.

DOCUMENT NUMBER

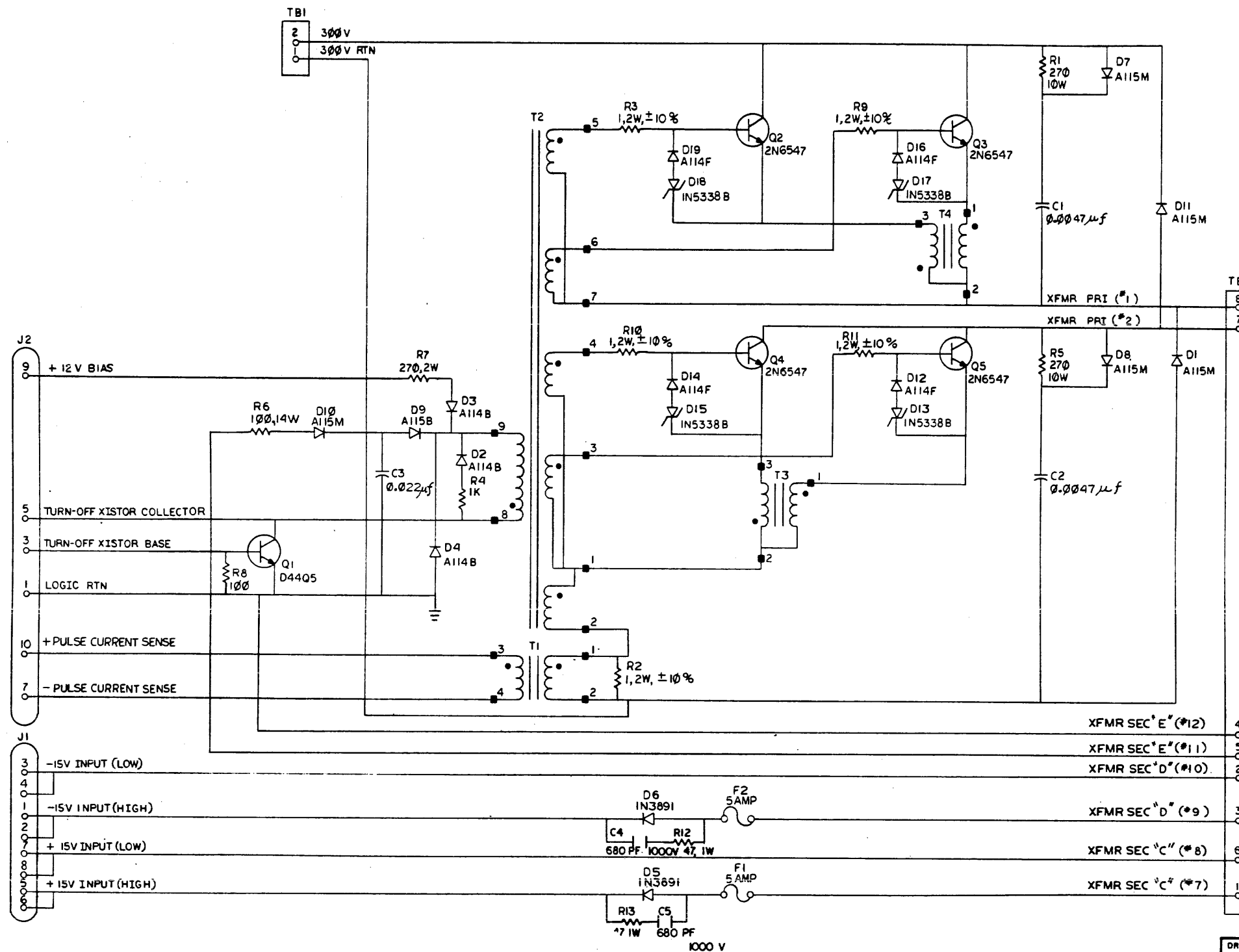
SIZE	CODE	NUMBER	REV.
D	UA	54-13599-0-0	C

SCALE	SHEET	OF
2/1	4	4

LOGIC INVERTER BOARD

TW 1

THIS DRAWING AND SPECIFICATIONS HEREON ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION.
COPYRIGHT © 1978, DIGITAL EQUIPMENT CORPORATION



DRN. <i>[Signature]</i>	10-3178	FIRST USED ON	<i>[Signature]</i>
CHK'D <i>[Signature]</i>	6-2-78	ENG. <i>[Signature]</i>	6-2-78
PROJ. ENGR. <i>[Signature]</i>	6-2-78	PROD. <i>[Signature]</i>	7-18-78
NEXT HIGHER ASSY.			
SCALE		SIZE CODE	NUMBER
SHEET 1 OF 1		D CS	5413599-0-1
		DIST.	REV. D

TW 1

PARTS LIST

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

PART NUMBER

DESCRIPTION

QTY PER VARIATION
00

REFERENCE DESIGNATOR

1	1	D-MD-5013598-0-0	5013598-00	DRILL & ETCH BD	1	
2	2		1011847-03	.0047 MFD 600V 10% POLYPROP	2	C1,C2
3	3		1017913-00	.022 MFD 400V 20% M.POLYPROP	1	C3
4	4		1112594-01	A115B PIV=200 I= 3A	1	D9
5	5		1112594-02	A115M PIV=600 I= 3A	5	D1,D7,D8,D11,D10
6	6		1112595-00	A114F PIV= 50 I= 1A	4	D12,D14,D16,D19
7	7		1112595-01	A114B PIV=200 I= 1A	3	D2-D4
8	8		1110491-20	IN 3891 PIV=200 T=12A D04 SI	2	D5,D6
9	9		1114435-00	1N 5338B VZ= 5.1 5% 5W	4	D13,D15,D17,D18
10	10		1205747-00	FUSE, SUB-MINI, 5.000A, 125V, A	2	F1,F2
11	11		1216937-00	TERMINAL,SOLDER	2	
12	12		1214789-00	INSERT,THREADED 6-32 ,BRASS,ELEC	8	
13	13		1216108-00	HEADER.200 8POS STRAIGHT	1	J1
14	14		1216108-01	HEADER.200 10POS STRAIGHT	1	J2
15	15		1216269-00	TERM SPADE 1POS SOLDER STRIP	10	
16	16		1216316-00	HEAT SINK,ALUM,YELLOW CHROM. FIN	2	
17	17		1300229-00	100.0 .25 W 5.0 % CC	1	R8
18	18		1300365-00	1.0 K .25 W 5.0 % CC	1	R4
19	19		1305380-00	270.0 2.0 W 5.0 % CC	1	R7
20	20		1314350-00	1.0 2.0 W10.0 % FUSE	5	R2,R3,R9-R11
21	21		1314172-01	100.0 14.0 W 5.0 % WW	1	R6
22	22		1314544-00	270.0 10.0 W 5.0 % WW	2	R1,R5
23	23		1514195-00	2N 6547 NPN 400V SI 15A	4	Q2-Q5
24	24		1514271-01	D 44Q5 NFN 31W SI225 30	1	Q1
25	25		1614202-00	XFMR,CURRENT	1	T1
26	26		1614203-00	CHOKE,BALUN-COMMON MODE	2	T3,T4
27	27		1614204-00	PULSE XFMR 20312 BASE DRIVE	1	T2
28	28		7422046-00	HEAT SINK,SINGLE	1	
29	29		7422046-01	HEAT SINK	2	
30	30		9006011-01	SCREW,PAN,PHIL 4-40X 3/8 SS	1	

REVISION HISTORY			BASIC PART NO: 5413599		DRN: K.FRIEDGEN		DATE: 20-JUL-79		D I G I T A L				
ENG	ECO NUMBER	REV	SECTION A OF A		CHK'D: F.GERRY		DATE: 20-JUL-79		TITLE PARTS LIST				
RR	5413599-TW001	B	SECTION.VARIATION INDEX		DES.ENG: J.A.HERRMANN		DATE: 20-JUL-79		LOGIC INVERTER BD				
RH	5413599-TW002	C	[A] 00		RESP.ENG.: J.A.HERRMANN		DATE: 20-JUL-79		DOCUMENT NUMBER				
RH	5413599-TW002	D	[B]		MFG.ENG.: F.MUNIZ		DATE: 20-JUL-79		SIZE	CODE	NUMBER	REV	
			[C]		ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME:		EDIT #		
			[D]		D-UA-5413559-0-0				Z0399.PLS		18		
			[E]										
			[F]										
			[G]										
			[H]										
			[J]										
			[K]										
			[L]										
			[M]										
			[N]										

*THIS DRAWING AND SPECIFICATIONS HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION.
COPYRIGHT (C) 1981. DIGITAL EQUIPMENT CORPORATION *

TW

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION 00	REFERENCE DESIGNATOR
31	31		9006025-01	SCREW,PAN,PHIL 6-32X 5/8 SS	8	
32	32		9006556-00	NUT,HEX , 4-40X1/4 AF X 3/	1	
33	33		9006656-00	WASHER, FLAT, .312 O.D. X .156 I	4	
34	34		9006688-00	WASHER, LOCK, S.S. #4	1	
35	35		9006735-00	EYELET, FUNNEL FLANGE, .059 OD X	4	
36	36		9007801-00	WASHER, LOCK, S.S. #6	8	
37	37		9007906-00	WASHER, LOCK S.S. #10	2	
38	38		9009005-00	NUT,HEX , 10-32 X1/4 AF X 3	2	
39	39		9009676-00	TERM LUG 1POS SOLDER	4	
40	40		9009769-00	WASHER, RECTANGULAR .405X.225X.0	1	
41	41		9010128-00	SCREW,TAPPING,TYPE PAN ,PHIL,	3	
42	42		9107560-03	WIRE,BUSS,18AWG	A/R	
43	43		9008268-00	COMPOUND, THERMAL JOINT	A/R	
44	44		1013280-00	680.0 MMF 1000V 5%200PPM MICA	2	C4,C5
45	45		1302199-00	47.0 1.0 W 5.0 % CC	2	R12,R13

46 NOTE: ITEM #42; .19' IS USED.

D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							LOGIC INVERTER BD		K	PL	5413599-0-DBF	D

TW

THIS DRAWING AND INFORMATION HEREON ARE THE PROPERTY OF THE UNITED STATES GOVERNMENT AND ARE TO BE USED FOR THE PURPOSES OF THE CONTRACT UNDER WHICH THEY WERE PREPARED. NO PART OF THIS DRAWING IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION IN WRITING FROM THE UNITED STATES GOVERNMENT.

8

7

6

5

4

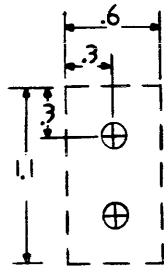
3

2

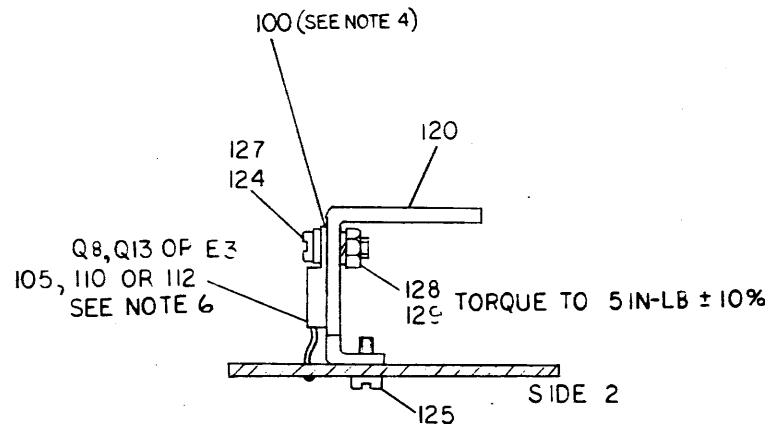
1

VIEW C-C
SCALE 2/1
TYP. MTG. OF L1, L2 / L3

VIEW B-B
SCALE 2/1
TYP. MTG. OF D4 / D6



DETAIL A
SEE NOTE 7



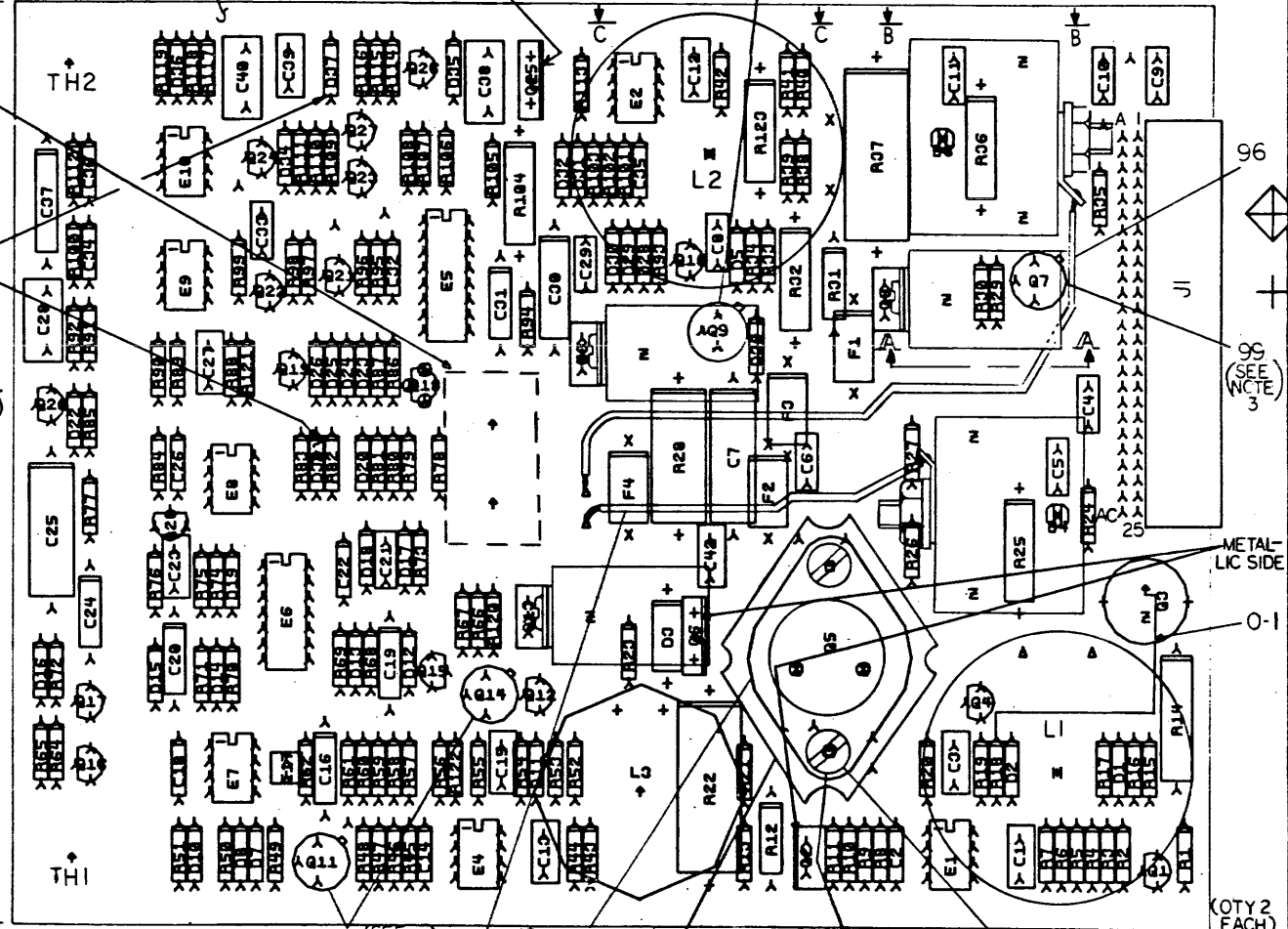
SECTION A-A
SCALE: 2/1
TYPICAL 3 PLACES

FOR -00 DIODE IS USED
FOR -YA JUMPER IS USED

5.90 F.B.S.
(149.86 MM)

7.78 F.B.S.
(197.49 MM)

97 TORQUE TO
137.25 IN-LB
136 ± 5%



8

E 0-0-2096145 DUA

6

5

4

3

2

1

THE DIMENSIONS AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION.
COPYRIGHT © 1980 DIGITAL EQUIPMENT CORPORATION

D

REWORK INSTRUCTION

WIRE ADD SIDE 1

0-1 FROM R18 (WRAP WIRE AROUND
COMPONENT LEAD) TO Q3 CATHODE (GND)
(USE ITEM 144)

C

B

A

D

C

E

0-0-2096145

DUA

B

A

REVISION HISTORY

DATE	ECO NUMBER	REV.

8

7

6

5

4

3

2

1

TITLE

MEMORY REGULATOR

DOCUMENT NUMBER

SIZE CODE

DUA

5413607-0-0

REV.

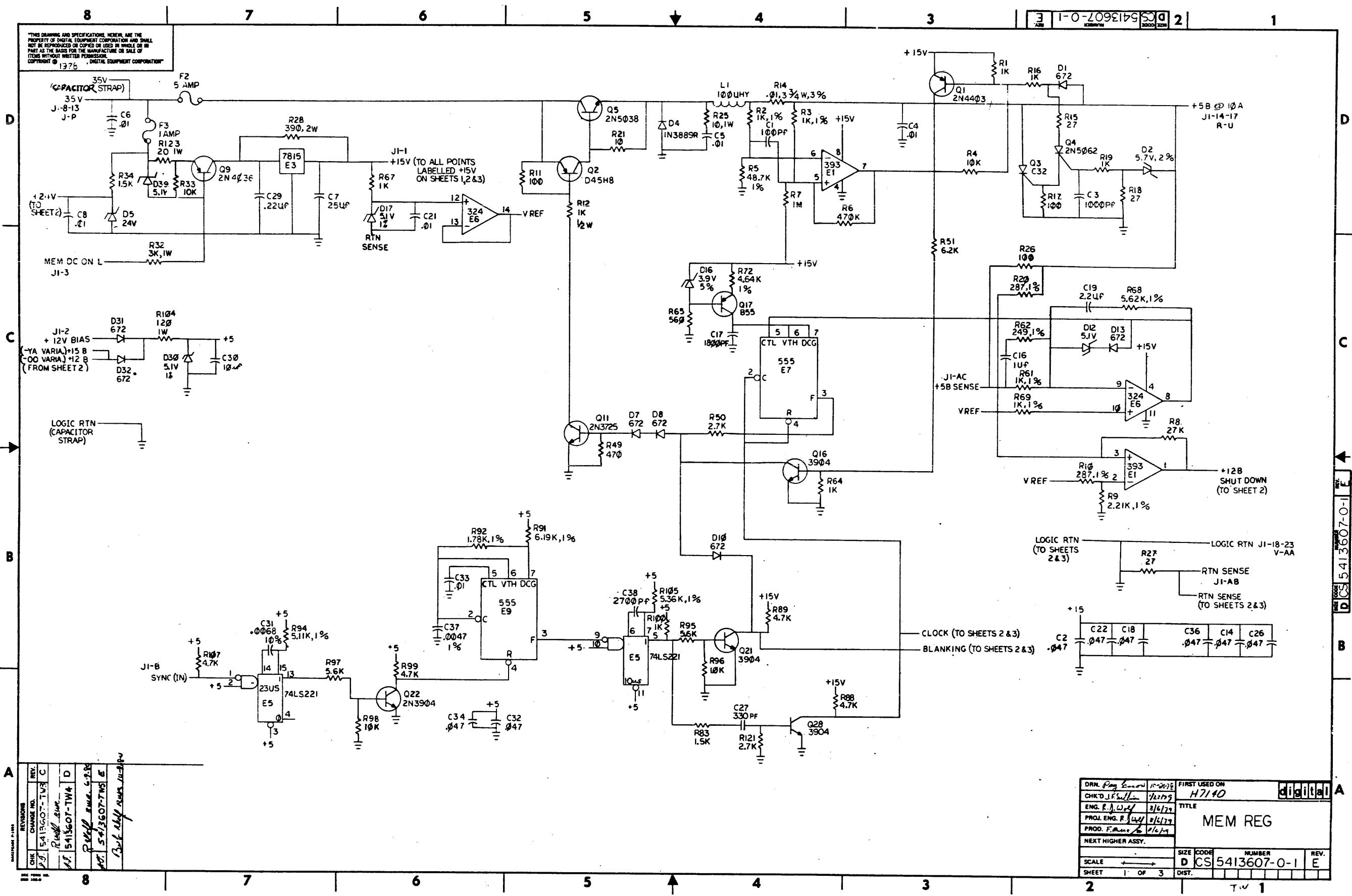
E

SCALE

TW

SHEET 2

OF 2



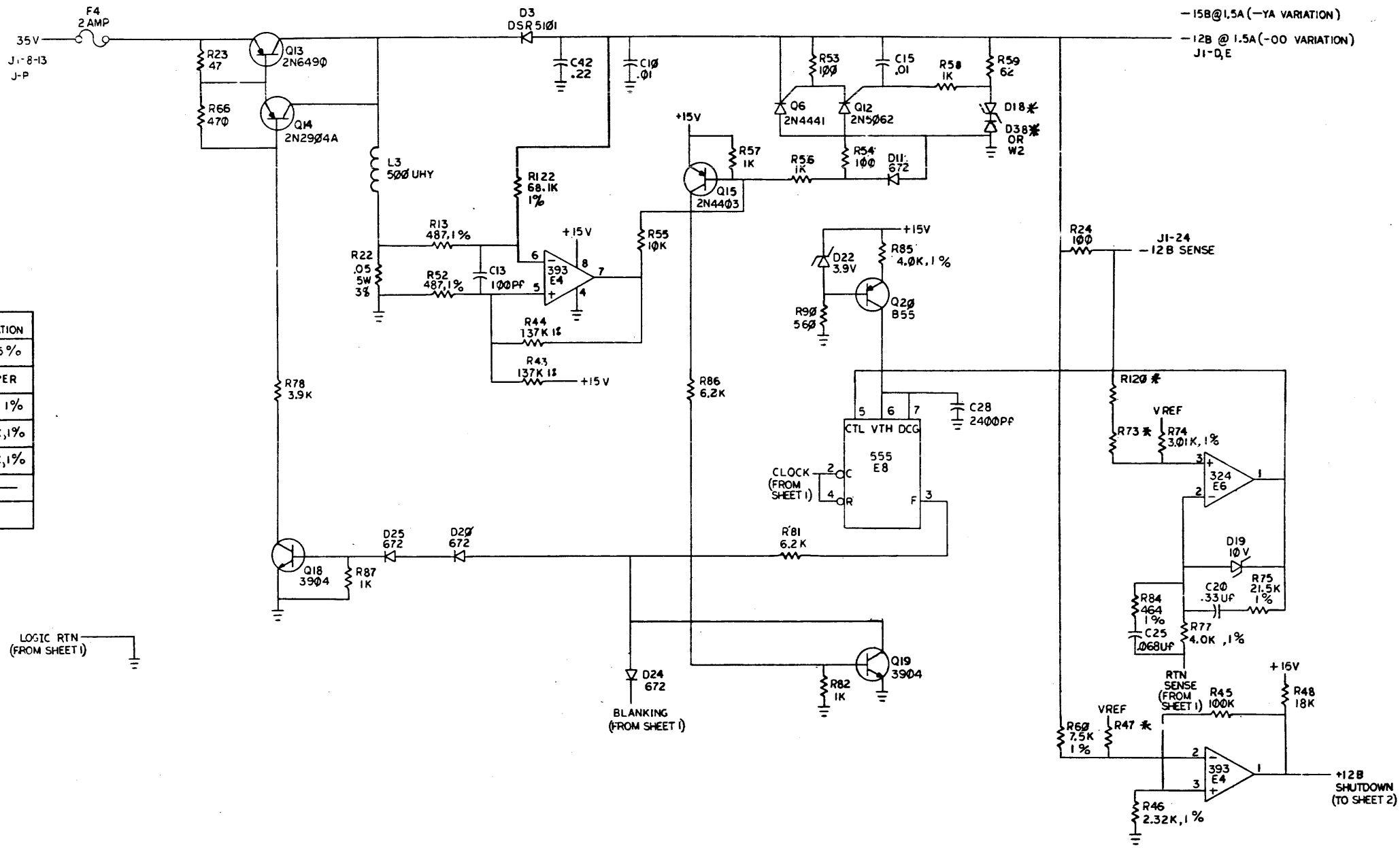
DRM. Proj. Error	10-20-78	FIRST USED ON	H7140
CHK'D J.F. Williams	7/1/79	TITLE	MEM REG
ENG. R.J. Williams	8/6/79	SIZE	D
PROJ. ENG. R.J. Williams	8/6/79	CODE	CS 5413607-0-1
PROD. F. Williams	8/6/79	NUMBER	1
NEXT HIGHER ASSY.		REV.	E
SCALE	1" = 1"	SHEET	1 OF 3
			T.V. 1

REV.	CHANGE NO.	DATE	BY	CHK.
1	5413607-TW3	7/1/79	J.F. Williams	J.F. Williams
2	5413607-TW4	8/6/79	R.J. Williams	R.J. Williams
3	5413607-TW5	8/6/79	R.J. Williams	R.J. Williams
4	5413607-TW6	8/6/79	R.J. Williams	R.J. Williams

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. DIGITAL EQUIPMENT CORPORATION. COPYRIGHT © 1975

*

COMPONENT DESIGNATOR	-00 VARIATION	-YA VARIATION
D18	13V, 5%	18V, 5%
W2	—	JUMPER
R47	3.48K, 1%	2.8K, 1%
R73	5.62K, 1%	5.36K, 1%
R120	1.47K, 1%	3.48K, 1%
D38	672	—



REVISIONS		
CHK	CHANGE NO.	REV.

TITLE	MEM REG	SIZE CODE	NUMBER	REV.
SCALE	SHEET 3 OF 3	DIST.		

DCS 5413607-0-1 E

TW 1

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION		REFERENCE DESIGNATOR
					00	YA	
1	1	D-MD-5013606-0-0	5013606-00	DRILL & ETCH BD	1	1	
2	2		1004813-00	10 MFD 20V 10% S.TANT	1	1	C30
3	3		1000042-00	1000.0 MMF 100V 5%200PPM MICA	2	2	C3,C39
4	4		1000052-00	.068 MFD 100V 10% MYLR	1	1	C25
5	5		1000060-00	6800.0 MMF 200V 10% MYLR	1	1	C31
6	6		1000075-00	25 MFD 25V +75-10% AL EL	1	1	C7
7	7		1001610-01	.01 MFD50/100V +80-20% DISC	10	10	C4-C6,C8-C11,C21,C33,C15
8	8		1001776-00	1 MFD 35V 10% S.TANT	1	1	C16
9	9		1001636-00	2400.0 MMF 100V 5%200PPM MICA	2	2	C28,C40
10	10		1014170-00	2700.0 MMF 100V 1% 70PPM MICA	1	1	C38
11	11		1002627-00	2.2MFD 20V 10% S.TANT	1	1	C19
12	12		1005328-00	.33 MFD 10V 10% S.TANT	1	1	C20
13	13		1009312-00	.0047 MFD 100V 1% MYLR	1	1	C37
14	14		1010274-01	.22 MFD 50V +80-20% Z5U CER	1	1	C29
15	15		1011740-02	1800.0 MMF 50V 10% CER	1	1	C17
16	16		1011895-00	.15 MFD 35V 10% S.TANT	1	1	C24
17	17		1012784-00	.047 MFD 50V +80-20% CER	9	9	C2,C14,C18,C22,C26,C32,C34-C36
18	18		1100122-00	1N 748A VZ= 3.9 5%	3	3	D16,D22,D34
19	19		1105275-00	D 672 TR= 15NS PIV= 60V SI	19	-	D1,D7,D8,D10,D11,D13,D14,D20, D23-D26,D28,D29,D31,D32,D35,D37, D38
			CONT		-	17	CONT D1,D7,D8,D10,D11,D13,D14,D20, D23-D26,D28,D29,D31,D32,D35
20	20		1100125-00	1N 758A VZ= 10.0 5% .40W PPE	1	1	D19
21	21		1105871-00	1/4M5.1AZ1 = 5.1 1% .25W N	3	3	D17,D30,D39
22	22		1109988-00	1N 964B VZ= 13.0 5% .40W	2	-	D18,D36
23	23		1110491-01	1N 3889R PIV=50 I=12A D04	2	2	D4,D6
24	24		1110713-00	SZ710910 VZ= 5.1 2% M	2	2	D12,D15
25	25		1110836-00	1N 970B VZ= 24.0 5% .40W Y	1	1	D5
26	26		1111205-00	SCREENED VZ= 5.7 2% .40W	1	1	D2

REVISION HISTORY		BASIC PART NO: 5413607		DRN: J.FERGUSON	DATE: 06-AUG-80	DIGITAL			
ENG	ECO NUMBER	REV	SECTION A OF A			TITLE PARTS LIST			
---	TW005	H	SECTION VARIATION INDEX	CHK'D: J.FERGUSON	DATE: 06-AUG-80	MEMORY REG			
			[A] 00,YA						
			[B]						
			[C]	DES.ENG: B.WOLF	DATE: 06-AUG-80				
			[D]						
			[E]						
			[F]	RESP.ENG.: B.WOLF	DATE: 06-AUG-80	DOCUMENT NUMBER			
			[H]			SIZE CODE NUMBER REV			
			[J]						
			[K]	MFG.ENG.: P.WAITKUS	DATE: 06-AUG-80	K	PL	5413607-0-DBP	H
			[L]						
			[M]	ASSEMBLY NUMBER:	TOP DOCUMENT NUMBER:	FILE NAME:		EDIT #	
			[N]	D-UA-5413607-0-0	B-DD-5413607-0-0	Z0403H.PLS		38	
THIS DRAWING AND SPECIFICATIONS HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT (C) 1980, DIGITAL EQUIPMENT CORPORATION									

TW

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY	PER	VARIATION	REFERENCE DESIGNATOR
					00	YA		
27	27		1114602-00	UES1302 FIV=100V I= 4A	1	1		D3
28	28		1110968-00	2N 5062 SCR@100V I=.8A T092	3	3		Q4,Q12,Q26
29	29		1010978-40	.22 MFD 50V 10% CER	2	2		C23,C42
30	30		1210929-02	FUSE, SUB-MINI 1.000A, 125V, A	1	1		F3
31	31		1205747-00	FUSE, SUB-MINI, 5.000A, 125V, A	2	2		F1,F2
32	32		1216112-03	HEADER,100 50POS RT ANGLE	1	1		J1
33	33		1305127-00	4.0 K .25 W 1.0 % RN55D-F10	2	2		R77,R85
34	34		1304856-00	4.64 K .25 W 1.0 % RN55D-F10	1	1		R72
35	35		1304854-00	5.11 K .25 W 1.0 % RN55D-F10	2	2		R94,R111
36	36		1300391-00	1.50 K .25 W 5.0 % CC	2	2		R34,R83
37	37		1300316-00	470.0 .25 W 5.0 % CC	3	3		R29,R49,R66
38	38		1300447-00	4.70 K .25 W 5.0 % CC	6	6		R99,R107,R112,R88,R89,R108
39	39		1300229-00	100.0 .25 W 5.0 % CC	9	9		R11,R17,R24,R26,R35,R53,R54, R106,R114
40	40		1301317-00	10.0 .25 W 5.0 % CC	1	1	CONT	R21
41	41		1300364-00	1.0 K .50 W 5.0 % CC	1	1		R12
42	42		1300171-00	10.0 1.0 W 5.0 % CC	2	2		R25,R36
43	43		1313014-00	.01 3.75 W 3.0 % WW	1	1		R14
44	44		1301864-00	390.0 2.0 W 5.0 % CC	1	1		R28
45	45		1300479-00	10.0 K .25 W 5.0 % CC	5	5		R4,R33,R55,R96,R98
46	46		1309595-00	1.0 M .25 W 5.0 % CC	2	2		R7,R38
47	47		1303114-00	1.0 K .25 W 1.0 % RN55D-F10	6	6		R2,R3,R61,R69,R70,R101
48	48		1313842-00	48.70 K .25 W 1.0 % RN55D-F10	1	-		R5
49	49		CONT		-	2		R5,R39
50	50		1300365-00	1.0 K .25 W 5.0 % CC	16	16	CONT	R1,R16,R19,R56-R58,R64,R67,R82, R87,R93,R100,R110,R115,R116,R118
51	51		1301520-00	27.0 .25 W 5.0 % CC	3	3		R15,R18,R27
52	52		1305114-00	3.48 K .25 W 1.0 % RN55D-F10	1	-		R47
53	53		CONT		-	1		R120
54	54		1301890-00	560.0 .25 W 5.0 % CC	3	3		R65,R90,R117
55	55		1300426-00	2.70 K .25 W 5.0 % CC	2	2		R50,R121
56	56		1211751-00	FUSE, SUB-MINI, 2.000A, 125V, A	1	1		F4
57	57		1305128-00	5.62 K .25 W 1.0 % RN55D-F10	2	-		R68,R73
58	58		CONT		-	1		R68
59	59		1303044-00	100.0 K .25 W 1.0 % RN55D-F10	1	1		R45
60	60		1309787-00	249.0 .25 W 1.0 % RN55E-F 2	1	1		R62
61	61		1310876-03	.05 5.0 W 3.0 % WW	1	1		R22
62	62		1305124-00	287.0 .25 W 1.0 % RN55D-F10	2	2		R10,R20
63	63		1310631-00	2.21 K .25 W 1.0 % RN55D-F10	1	1		R9
64	64		1313341-00	5.36 K .25 W 1.0 % RN55D-F10	1	-		R105
65	65		CONT		-	2		R105,R73
66	66		1302612-00	1.78 K .25 W 1.0 % RN55D-F10	1	1		R92
67	67		1300202-00	47.0 .25 W 5.0 % CC	2	2		R23,R30
68	68		9006801-00	SPACER, HEX, ALUM, .138 ID X .3	1	1		
			1311845-00	487.0 .25 W 1.0 % RN55D-F10	4	4		R13,R40,R41,R52
			1305265-00	39.20 K .25 W 1.0 % RN55D-F10	1	-		R39
			1310876-00	.02 5.0 W 3.0 % WW	1	1		R37
			1312984-00	187.0 K .25 W 1.0 % RN55D-F10	1	1		R42

D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							MEMORY REG		K	PL	5413607-0-DBP	H

TW

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY	PER	VARIATION	REFERENCE DESIGNATOR
					00	YA		
69	69		9006026-01	SCREW,PAN,PHIL 6-32X 3/4 SS	1	1		
70	70		1300440-00	3.30 K .50 W 5.0 % CC	1	1		R31
71	71		1312929-00	62.0 .25 W 5.0 % CC	2	2		R59,R119
72	72		1305252-00	68.10 K .25 W 1.0 % RN55D-F10	2	2		R71,R122
73	73		1305325-00	8.25 K .25 W 1.0 % RN55D-F10	1	1		R76
74	74		9006653-00	WASHER, FLAT, .375 O.D. X .156 I	1	1		
75	75		9107560-03	WIRE,BUSS,18AWG	A/R	A/R		
76	76		1305346-00	27.0 K .25 W 5.0 % CC	2	2		R8,R113
77	77		1310634-00	2.67 K .25 W 1.0 % RN55D-F10	2	-		R80,R103
78	78		1310632-00	2.37 K .25 W 1.0 % RN55D-F10	1	1		R102
79	79		1301874-00	5.60 K .25 W 5.0 % CC	2	2		R95,R97
80	80		1300444-00	3.90 K .25 W 5.0 % CC	1	1		R78
81	81	BLANK		*** THIS ITEM IS NOT USED ***	-	-		
82	82		1303155-00	21.50 K .25 W 1.0 % RN55D-F10	1	1		R75
83	83		1314041-00	3.01 K .25 W 1.0 % RN55D-F10	1	1		R74
84	84		1312931-00	6.20 K .25 W 5.0 % CC	4	4		R51,R81,R86,R109
85	85		1000016-00	100.0 MMF 100V 5%200PPM MICA	3	3		C1,C12,C13
86	86		1304833-00	1.96 K .25 W 1.0 % RN55D-F10	1	1		R79
87	87		1305322-00	7.50 K .25 W 1.0 % RN55D-F10	1	1		R60
88	88		1312545-00	2.32 K .25 W 1.0 % RN55D-F10	1	1		R46
89	89		1300433-00	3.0 K 1.0 W 5.0 % CC	1	1		R32
90	90		1302398-00	470.0 K .25 W 5.0 % CC	1	1		R6
91	91		1000023-00	330.0 MMF 100V 5%200PPM MICA	1	1		C27
92	92		1302465-00	18.0 K .25 W 5.0 % CC	1	1		R48
93	93		1303047-00	464.0 .25 W 1.0 % RN55D-F10	1	1		R84
94	94		1305422-00	137.0 K .25 W 1.0 % RN55D-F10	2	2		R43,R44
95	95		1301838-00	120.0 1.0 W 5.0 % CC	1	1		R104
96	96		9107370-00	WIRE,STRND,14AWG,IPVC UL1534	A/R	A/R		
97	97		9008150-00	TERM LUG 1POS LOCKING-SOLDER	2	2		
98	98	BLANK		*** THIS ITEM IS NOT USED ***	-	-		
99	99		9007201-00	TRANSIPADS #10253	4	4		
100	100		9008268-00	COMPOUND, THERMAL JOINT	A/R	A/R		
101	101		1510928-00	C32AX135 SCR@100V I=25A	1	1		Q3
102	102		1505867-00	2N 4441 SCR@ 50V & 8A	2	2		Q6,Q25
103	103		1305108-00	1.47 K .25 W 1.0 % RN55D-F10	1	-		R120
104	104		1510969-00	2N 5038 NPN 140WC SI 90 50 Y	1	1		Q5
105	105		1510708-00	D 45H8 PNP 50WT SI 60 60 Y	2	2		Q2,Q8
106	106		1510959-00	2N 3725 NPN 3.5WC SI 50 60 P	1	1		Q11
107	107		1510706-01	B 55 PNP 500MW SI 60 50	3	3		Q17,Q20,Q24
108	108		1513490-00	2N 4403 PNP 350MW SI-40 30	3	3		Q1,Q15,Q27
109	109		1509524-00	2N 3904 NPN 310MW SI 40 40 M	8	8		Q10,Q16,Q18,Q19,Q21,Q22,Q23,Q28
110	110		1512652-00	2N 6490 PNP 50W SI 60 40	1	1		Q13
111	111		1501913-00	2N 2904A PNP 600MW SI 60 40 Y	2	2		Q7,Q14
112	112		1914473-02	7815A VOLT REG, FIX +15V	1	1		E3
113	113		1914156-00	LM 393 VOLT. COMPARATOR DUAL	3	3		E1,E2,E4
114	114		1912107-00	324 OP AMP, QUAD	1	1		E6
115	115		1911944-00	555CN TIMER, FUNCT. BLOCK	4	4		E7-E10
116	116		1912858-00	LS221 ONE SHOT-DUAL, SCHMIT	1	1		E5

D	I	G	I	T	A	L	TITLE	SECTION A	OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							MEMORY REG			K	PL	5413607-0-DBP	H

TW

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY	PER	VARIATION	REFERENCE DESIGNATOR
					00	YA		
117	117		1616212-00	80.0 UH 12.SA	1	1		L1
118	118		1616210-00	250.0 UH @ 6.5A DC,600.0 UH @	1	1		L2
119	119		1616211-00	350.0 UH 3A	1	1		L3
120	120		7422046-00	HEAT SINK,SINGLE	3	3		
121	121		7422047-01	HEAT SINK DOUBLE	2	2		
122	122		1213426-03	HEAT SINK TO-3 1" HIGH	1	1		
123	123		1214789-00	INSERT,THREADED 6-32 ,BRASS,ELEC	2	2		
124	124		9009769-00	WASHER, RECTANGULAR .405X.225X.0	3	3		
125	125		9010128-00	SCREW,TAPPING,TYPE PAN ,PHIL,	7	7		
126	126		9006024-01	SCREW,PAN,PHIL 6-32X 1/2 SS	2	2		
127	127		9006011-01	SCREW,PAN,PHIL 4-40X 3/8 SS	3	3		
128	128		9006688-00	WASHER, LOCK, S.S. #4	3	3		
129	129		9006556-00	NUT,HEX , 4-40X1/4 AF X 3/	3	3		
130	130		9006041-01	SCREW,PAN,PHIL 8-32X 3/4 SS	2	2		
131	131		9006802-00	SPACER, HEX, ALUM, .164 ID X .3	2	2		
132	132		9006656-00	WASHER, FLAT, .312 O.D. X .156 I	2	2		
133	133		9007801-00	WASHER, LOCK, S.S. #6	3	3		
134	134		9006690-00	WASHER, LOCK, S.S. #8	2	2		
135	135		9006660-00	WASHER, FLAT, .375 O.D. X .187 I	2	2		
136	136		9009005-00	NUT,HEX , 10-32 X1/4 AF X 3	2	2		
137	137		9007906-00	WASHER, LOCK S.S. #10	2	2		
138	138		9009185-00	JUMPER, WIRE, INSULATED, BLACK B.	-	2		W1,W2
139	139	BLANK		*** THIS ITEM IS NOT USED ***	-	-		
140	140		1509700-00	2N 4036 PNP 7WC SI 80100 M	1	1		Q9
141	141	BLANK		*** THIS ITEM IS NOT USED ***	-	-		
142	142		1314187-00	6.19 K .25 W 1.0 % RN55D-F10	1	1		R91
143	143	BLANK		*** THIS ITEM IS NOT USED ***	-	-		
144	144		9107688-55	WIRE(WRAP)24AWG UL1327	A/R	A/R		
145	145		1110766-00	1N 5248B VZ= 18.0 5% .50W	-	2		D18,D36
146	146		1309413-00	3.83 K .25 W 1.0 % RN55D-F10	-	2		R80,R103
147	147		1305145-00	2.80 K .25 W 1.0 % RN55D-F10	-	1		R47
148	148		1312993-00	20.0 1.0 W 5.0 % CC	1	1		R123

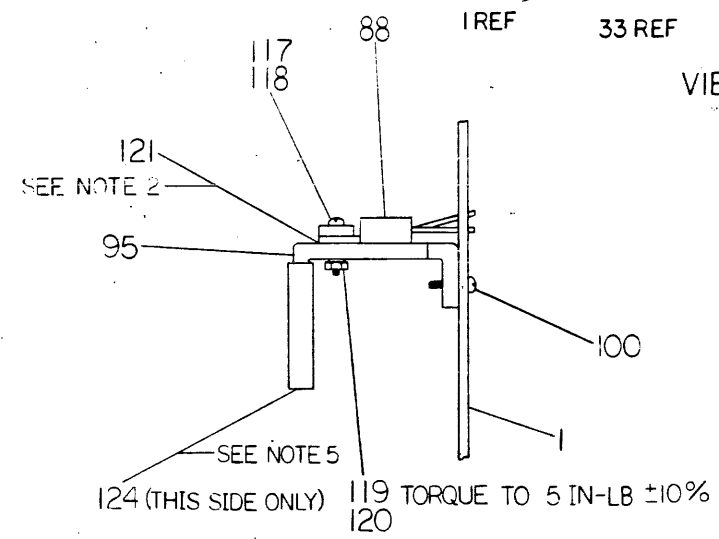
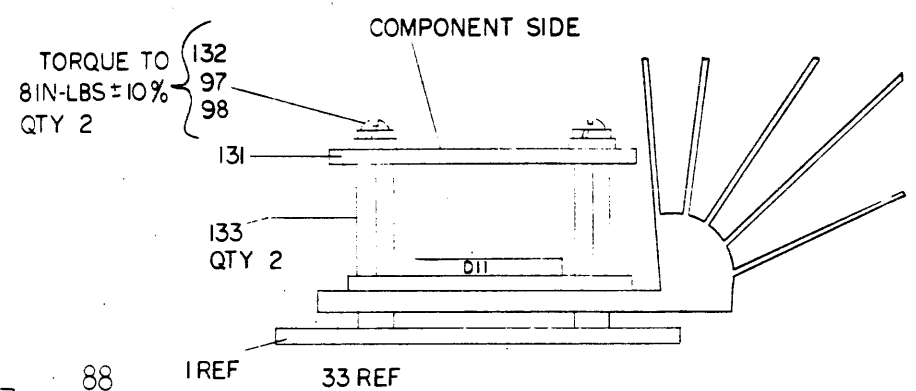
149 NOTE: ITEM #75; .17' IS USED.
 150 NOTE: ITEM #144; .19' IS USED.
 151 NOTE: ITEM #96; .56' IS USED.

D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							MEMORY REG		K	PL	5413607-0-DBP	H

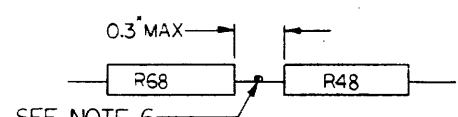
TW

THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF THE UNITED STATES GOVERNMENT AND ARE NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION IN WRITING FROM THE UNITED STATES GOVERNMENT.

COMPONENT SIDE VIEW



VIEW C-C
SCALE 2/1



VIEW E-E
SCALE 2/1

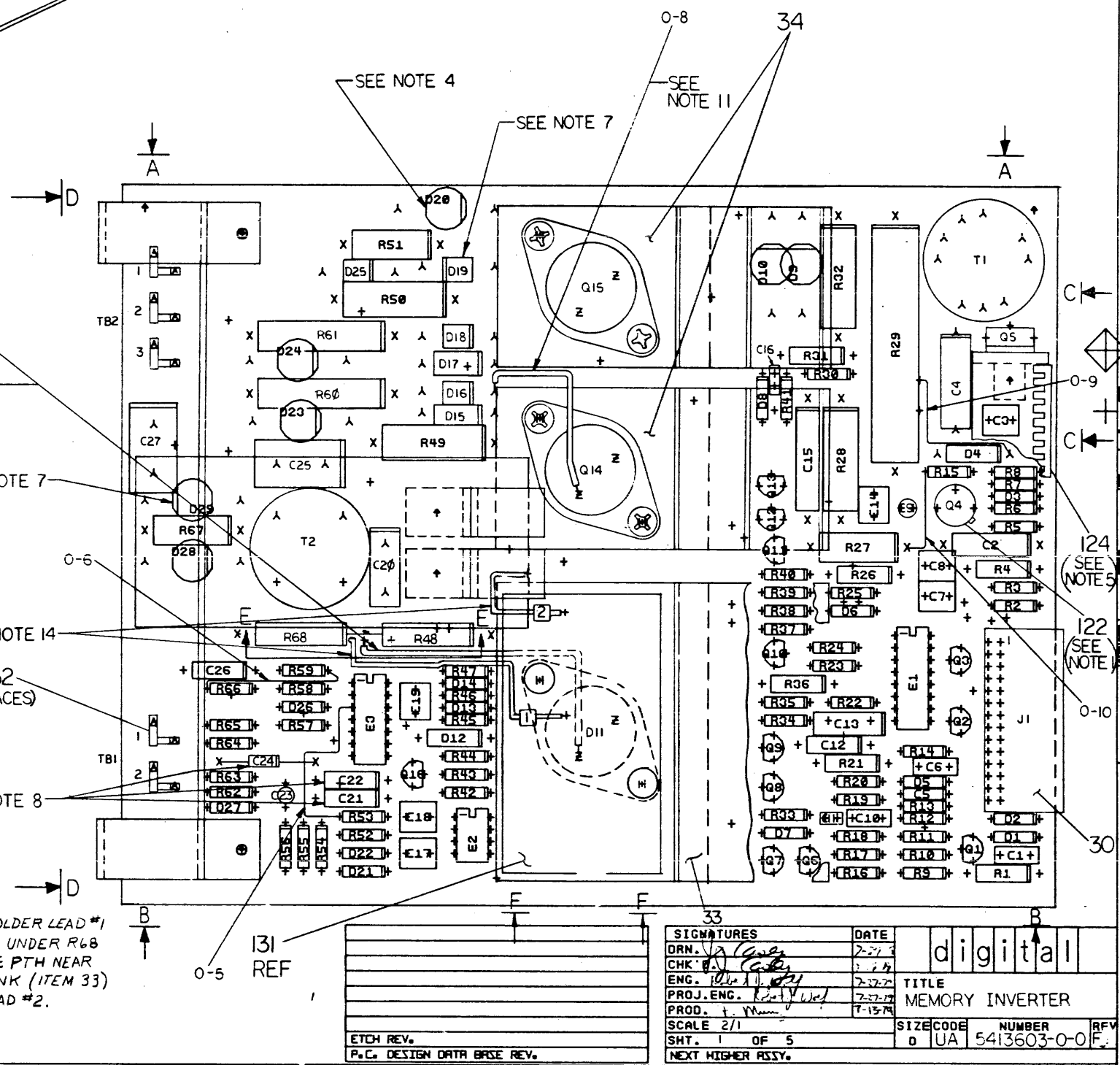
5. APPLY GROMMET (ITEM 124) TO HEAT SINK (ITEM 95) USING PERMABOND (ITEM 126). (USE ONLY ON SIDE INDICATED)
6. R48 & R68 ARE CONNECTED BY TWISTING ONE LEAD OF R68 WITH ONE LEAD OF R48 AND SOLDERING. THE SPECIFIED SPACING BETWEEN THE BODIES OF THE RESISTORS MUST NOT BE EXCEEDED AND ALL EXTRA LEAD MATERIAL MUST BE REMOVED.
7. D19 & D29 HAVE CATHODES IN OPPOSITE DIRECTION TO OTHER DIODES ON BOARD.
8. APPLY INSULATING SLEEVING (ITEM 127) TO EACH LEAD OF C24, C22 & C21.
9. POSITIVE TERMINAL OF CAP. C28 (ITEM 16) IS CONNECTED TO THIS CAPACITOR STRAP (ITEM 109).

10. NEGATIVE TERMINAL OF CAPACITOR C28 (ITEM 16) IS CONNECTED TO THIS CAPACITOR STRAP (ITEM 109).
11. USE 22 AWG BUS WIRE (ITEM 129) AND APPLY INSULATING SLEEVING (ITEM 127) TO REWORK INSTRUCTION *0-7 & *0-8.
12. REMOVE ENTIRE ETCH BETWEEN CUT MARKS FOR REWORK INSTRUCTIONS *0-1, *0-2 & *0-4.
13. Q5 MUST BE MOUNTED TO HEATSINK BEFORE BEING ATTACHED TO P.C.B.

NOTES: 1. USE TRANSIPAD (ITEM 122) UNDER Q4.
2. USE THERMAL COMPOUND (ITEM 121) BETWEEN D11, Q5, D14, D15 AND HEAT SINKS.
3. APPLY GROMMET (ITEM 112) TO XFMR MTG. BRK1 (ITEM 107) USING PERMABOND (ITEM 126). (APPLY ONLY IN AREA INDICATED).
4. RAISE P23, R48, R61, R32, R49, R62, D3, R68, D70, D23, D24, D28 AND D29 .100" TO .150" OFF P.C. BOARD.

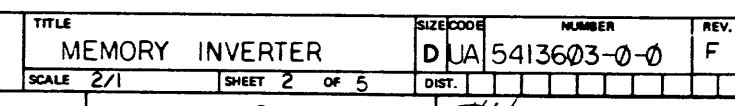
CHANGE NO	REV	DATE	BY	CHKD	APPD	DESCRIPTION
1	1	7-27-74	A. KANTARGIS			INITIAL DESIGN
2	1	7-27-74	A. KANTARGIS			REWORK INSTRUCTIONS
3	1	7-27-74	A. KANTARGIS			REWORK INSTRUCTIONS
4	1	7-27-74	A. KANTARGIS			REWORK INSTRUCTIONS
5	1	7-27-74	A. KANTARGIS			REWORK INSTRUCTIONS
6	1	7-27-74	A. KANTARGIS			REWORK INSTRUCTIONS
7	1	7-27-74	A. KANTARGIS			REWORK INSTRUCTIONS
8	1	7-27-74	A. KANTARGIS			REWORK INSTRUCTIONS
9	1	7-27-74	A. KANTARGIS			REWORK INSTRUCTIONS
10	1	7-27-74	A. KANTARGIS			REWORK INSTRUCTIONS
11	1	7-27-74	A. KANTARGIS			REWORK INSTRUCTIONS
12	1	7-27-74	A. KANTARGIS			REWORK INSTRUCTIONS
13	1	7-27-74	A. KANTARGIS			REWORK INSTRUCTIONS
14	1	7-27-74	A. KANTARGIS			REWORK INSTRUCTIONS

14. TACK SOLDER LEAD #1 TO ETCH UNDER R68 AND USE PTH NEAR HEAT SINK (ITEM 33) FOR LEAD #2.

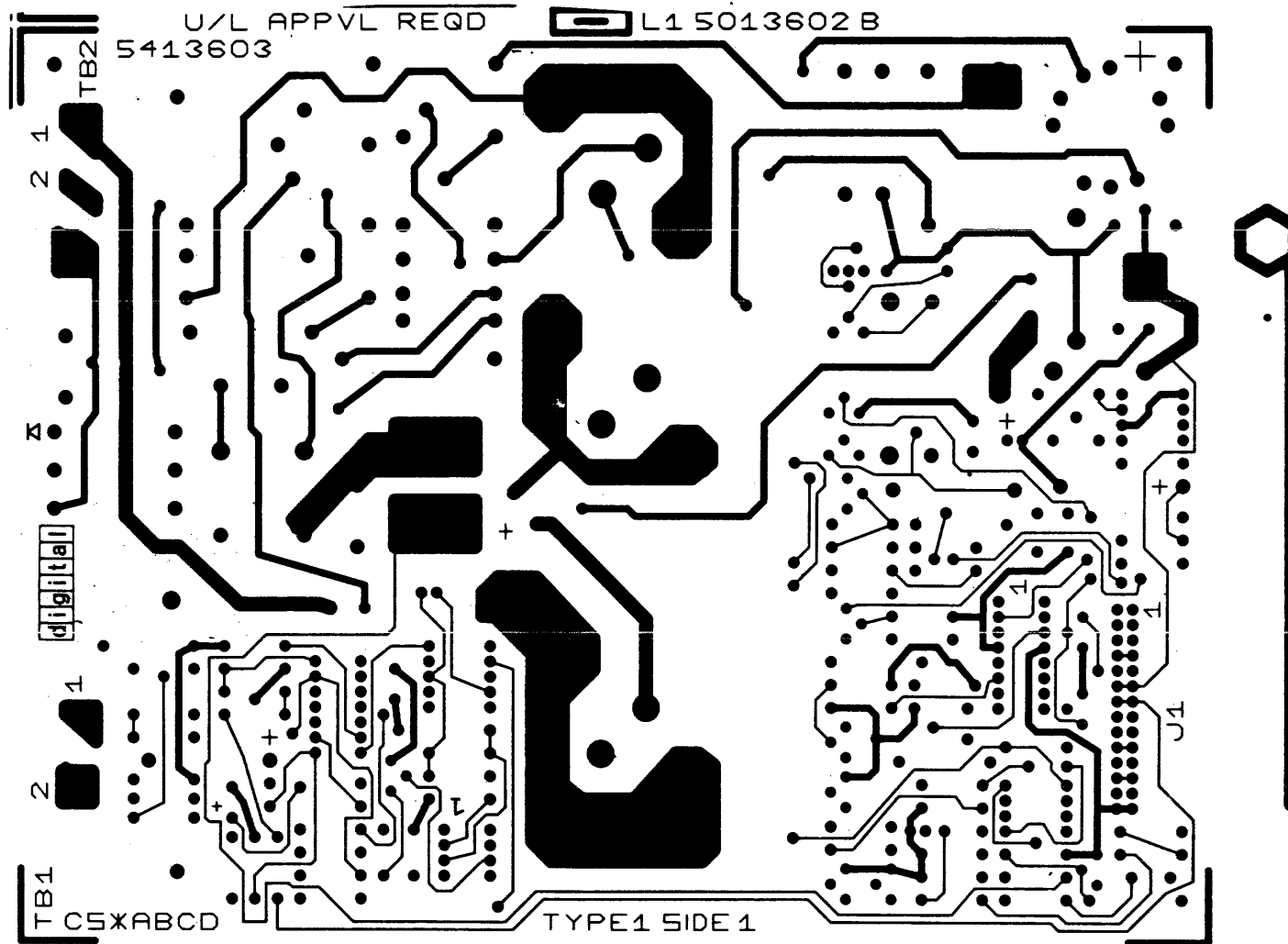


SIGNATURES		DATE	digital
DRN. [Signature]		7-27-74	
CHK. [Signature]		7-27-74	
ENG. [Signature]		7-27-74	
PROJ. ENG. [Signature]		7-27-74	TITLE
PROD. [Signature]		7-15-74	MEMORY INVERTER
SCALE 2/1			SIZE CODE
SHT. 1 OF 5			NUMBER
NEXT HIGH ASSY.			5413603-0-0

1 MS#



THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1970 DIGITAL EQUIPMENT CORPORATION

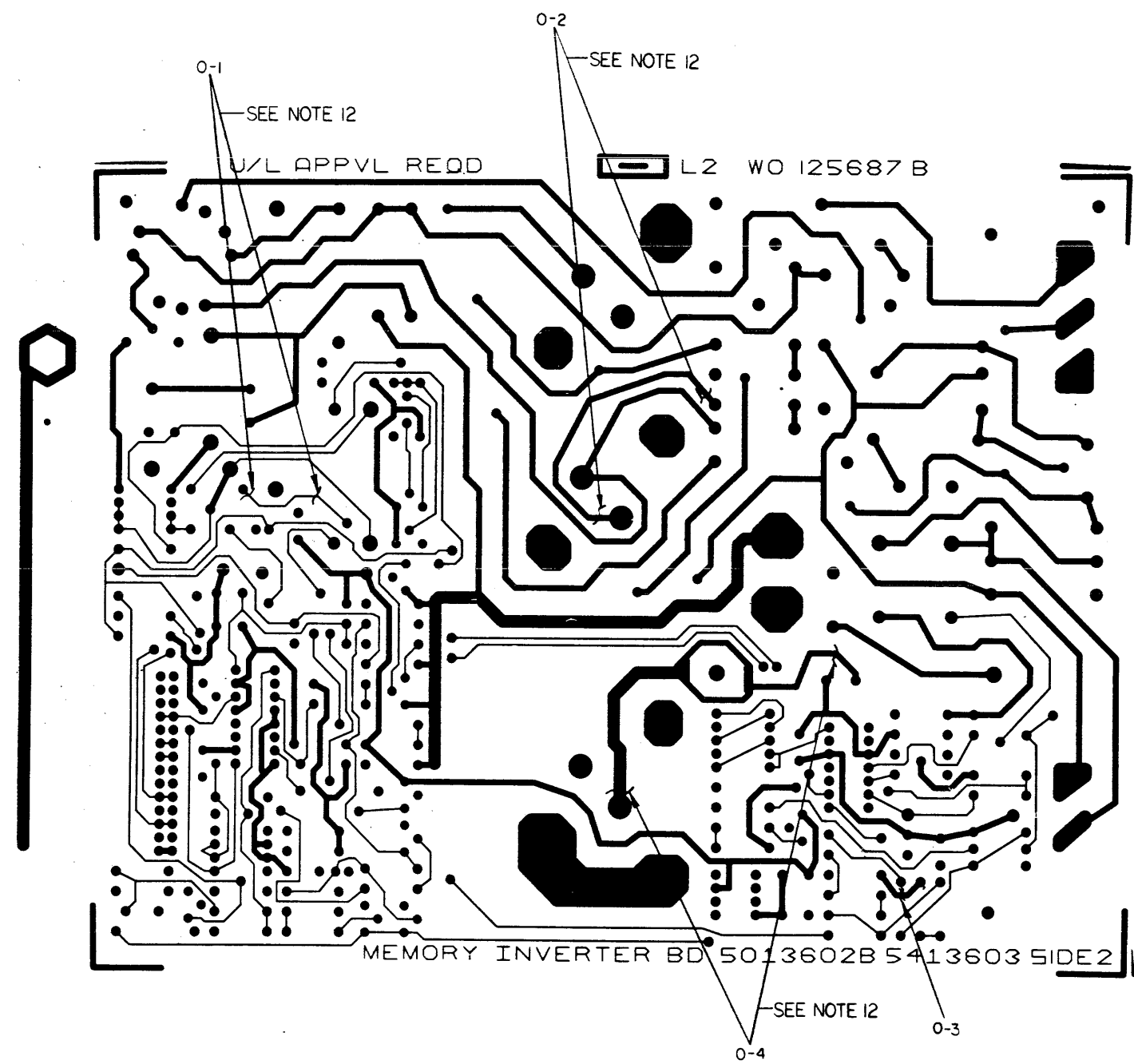


REVISIONS		
CHK	CHANGE NO.	REV.

TITLE		SIZE CODE	NUMBER		REV.
MEMORY INVERTER		D UA	5413603-0-0		F
SCALE 2/1	SHEET 3 OF 5	DIST.			

tu

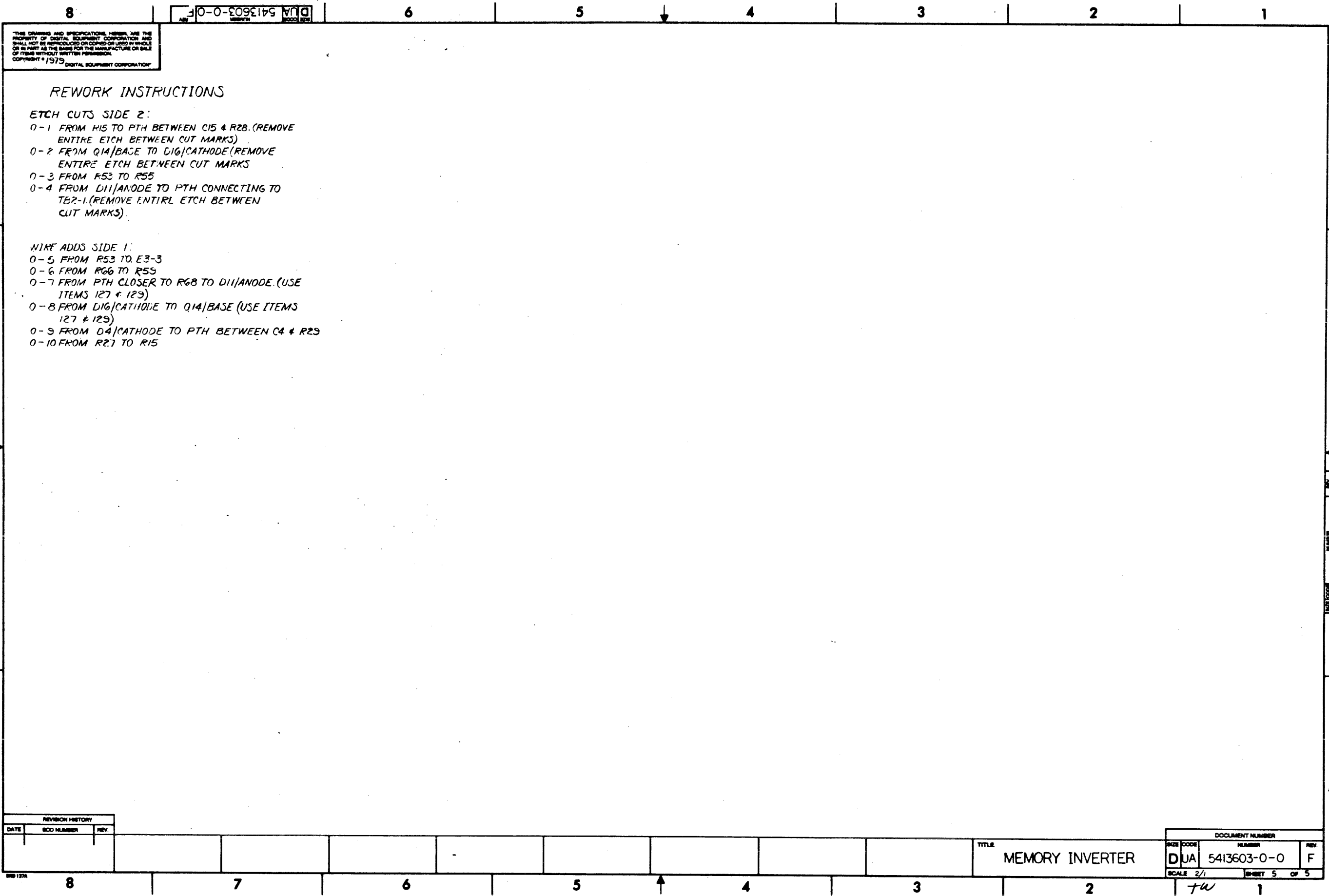
"THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1974 DIGITAL EQUIPMENT CORPORATION"



REVISIONS		
CHK	CHANGE NO	REV

TITLE		SIZE/CODE	NUMBER	REV
MEMORY INVERTER		D UA	5413603-0-0	F
SCALE	2/1	SHEET	4 OF 5	DIST

tu



THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION.
COPYRIGHT © 1975 DIGITAL EQUIPMENT CORPORATION

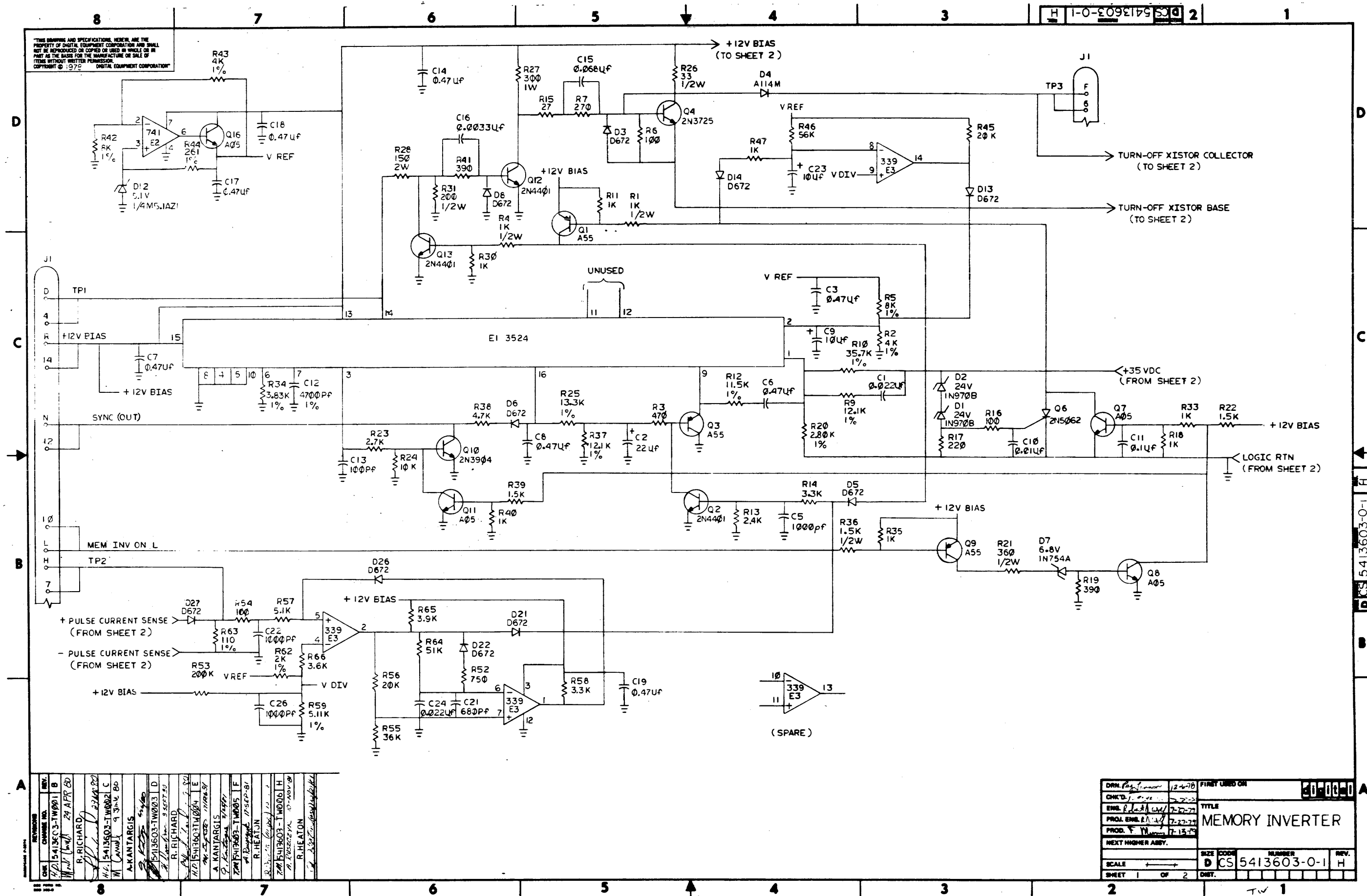
REWORK INSTRUCTIONS

- ETCH CUTS SIDE 2:
- 0-1 FROM R15 TO PTH BETWEEN C15 & R28. (REMOVE ENTIRE ETCH BETWEEN CUT MARKS)
 - 0-2 FROM Q14/BASE TO D16/CATHODE (REMOVE ENTIRE ETCH BETWEEN CUT MARKS)
 - 0-3 FROM R53 TO R55
 - 0-4 FROM D11/ANODE TO PTH CONNECTING TO T62-1. (REMOVE ENTIRE ETCH BETWEEN CUT MARKS)

- WIRE ADDS SIDE 1:
- 0-5 FROM R53 TO E3-3
 - 0-6 FROM R66 TO R55
 - 0-7 FROM PTH CLOSER TO R68 TO D11/ANODE. (USE ITEMS 127 & 129)
 - 0-8 FROM D16/CATHODE TO Q14/BASE (USE ITEMS 127 & 129)
 - 0-9 FROM D4/CATHODE TO PTH BETWEEN C4 & R29
 - 0-10 FROM R27 TO R15

REVISION HISTORY		
DATE	ECO NUMBER	REV.

TITLE		DOCUMENT NUMBER	
MEMORY INVERTER		SIZE CODE DUA	NUMBER 5413603-0-0
SCALE 2/1		REV. F	
SHEET 5 OF 5			





TITLE		MEMORY INVERTER		SIZE CODE		NUMBER		REV.	
				D CS		5413603-0-1		H	
SCALE		SHEET 2 OF 2		DIST.					

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION 00	REFERENCE DESIGNATOR
1	1	D-MD-5013602-0-0	5013602-00	DRILL & ETCH BD	1	
2	2		1000016-00	100.0 MMF 100V 5%200PPM MICA	1	C13
3	3		1000052-00	.068 MFD 100V 10% MYLR	1	C15
4	4		1012783-00	.022 MFD 50V +80-20% CER	1	C24
5	5		1005636-00	22 MFD 6V 10% S.TANT	1	C2
6	6		1009312-00	.0047 MFD 100V 1% MYLR	1	C12
7	7		1010279-00	.47 MFD 25V 20% CER	8	C7,C18,C19,C8,C14,C17,C3,C6
8	8		1010978-24	.01 MFD 50V 10% CER	1	C10
9	9		1011740-01	3300.0 MMF 50V 10% CER	1	C16
10	10		1011683-00	.022 MFD 50V 10% CER	1	C1
11	11		1013466-08	680.0 MMF 50V 10% X7R CER	1	C21
12	12		1013466-09	1000.0 MMF 50V 10% X7R CER	3	C5,C22,C26
13	13		1011847-02	.01 MFD 600V 10% POLYPROP	1	C4
14	14		1014139-00	.0022 MFD 600V 10% POLYPROP	2	C25,C27
15	15		1013397-00	3900.0 MMF 200V 10%200PPM MICA	1	C20
16	16		1016168-00	5000 MFD 55V 20% AL EL	1	C28
17	17		1010978-36	.1 MFD 50V 10% CER	1	C11
18	18		1010866-02	10 MFD 25V +50-20% S.TANT	2	C9,C23
19	19		1105275-00	D 672 TR= 15NS PIV= 60V SI	10	D26,D27,D21,D22,D8,D5,D3,D14, D13,D6
20	20		1105871-00	1/4M5.1A21 = 5.1 1% .25W N	1	D12
21	21		1109991-00	1N 754A VZ= 6.8 5% .40W	1	D7
22	22		1110556-00	1N 970B VZ= 24.0 5% .40W Y	2	D1,D2
23	23		1112594-01	A115B PIV=200 I= 3A	1	D10
24	24		1112594-02	A115M PIV=600 I= 3A	6	D24,D20,D23,D28,D29,D9
25	25		1112595-00	A114F PIV= 50 I= 1A	2	D16,D18
26	26		1112595-02	A114M PIV=600 I= 1A	3	D25,D4,D19
27	27		1114192-00	TR=200NS COM. CATHODE	1	D11
28	28		1114435-00	1N 5338B VZ= 5.1 5% 5W	2	D15,D17
29	29		1110968-00	2N 5062 SCR@100V I=.8A T092	1	Q6

REVISION HISTORY			BASIC PART NO: 5413603			DRN: K.SHEYTANIAN			DATE: 20-DEC-78			D I G I T A L		
ENG	ECO NUMBER	REV	SECTION A OF A			CHK'D: F.GAROFALO			DATE:			TITLE PARTS LIST		
---	INIT	A	SECTION VARIATION INDEX			DES.ENG: J.A.HERRMANN			DATE:			MEMORY INVERTER		
IRW	5413603-TW001	B	[A] 00			RESP.ENG.: J.HERMANN			DATE: 20-DEC-78			DOCUMENT NUMBER		
IAK	5413603-TW002	C	[B]			MFG.ENG.: J.COMELLA			DATE:			SIZE CODE NUMBER REV		
IAK	5413603-TW002	C	[C]			ASSEMBLY NUMBER:			TOP DOCUMENT NUMBER:			FILE NAME:		
IRW	5413603-TW003	D	[D]			D-UA-5413603-0-0						Z0401.PLS		
IRW	5413603-TW004	E	[E]									EDIT #		
			[F]									22		
			[G]											
			[H]											
			[I]											
			[J]											
			[K]											
			[L]											
			[M]											
			[N]											

"THIS DRAWING AND SPECIFICATIONS HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION.
COPYRIGHT (C) 1981. DIGITAL EQUIPMENT CORPORATION "

TW

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION 00	REFERENCE DESIGNATOR
30	30		1216112-01	HEADER.100 28POS RT ANGLE	1	J1
31	31		1214789-00	INSERT,THREADED 6-32 ,BRASS,ELEC	7	
32	32		1216269-01	TERM SPADE 1POS SOLDER STRIP	5	
33	33		1216314-00	HEAT SINK	1	
34	34		1216314-01	HEAT SINK	2	
35	35		1309679-00	16.90 6.0 W 1.0 % WW	2	R48,R68
36	36		1300195-00	33.0 .50 W 5.0 % CC	1	R26
37	37		1300229-00	100.0 .25 W 5.0 % CC	3	R16,R6,R8
38	38		1300250-00	*** THIS ITEM IS NOT USED ***	-	
39	39		1300257-00	150.0 2.0 W 5.0 % CC	1	R28
40	40		1300271-00	220.0 .25 W 5.0 % CC	1	R17
41	41		1300292-00	300.0 1.0 W 5.0 % CC	1	R27
42	42		1300309-00	390.0 .25 W 5.0 % CC	2	R19,R41
43	43		1300316-00	470.0 .25 W 5.0 % CC	1	R3
44	44		1300364-00	1.0 K .50 W 5.0 % CC	2	R4,R1
45	45		1300365-00	1.0 K .25 W 5.0 % CC	8	R30,R11,R35,R18,R33,R40,R47,R54
46	46		1300394-00	1.50 K .50 W 5.0 % CC	1	R36
47	47		1300439-00	3.30 K .25 W 5.0 % CC	2	R58,R14
48	48		1300444-00	3.90 K .25 W 5.0 % CC	1	R65
49	49		1300447-00	4.70 K .25 W 5.0 % CC	1	R38
50	50		1300479-00	10.0 K .25 W 5.0 % CC	1	R24
51	51		1301401-00	750.0 .25 W 5.0 % CC	1	R52
52	52		1301522-00	27.0 .25 W 5.0 % CC	1	R15
53	53		1303169-00	500.0 5.0 W 5.0 % WW	2	R60,R61
54	54		1301972-00	270.0 .25 W 5.0 % CC	1	R7
55	55		1302873-00	261.0 .25 W 1.0 % RN55D-F10	1	R44
56	56		1302377-00	*** THIS ITEM IS NOT USED ***	-	
57	57		1302383-00	360.0 .50 W 5.0 % CC	1	R21
58	58		1302391-00	20.0 K .25 W 5.0 % CC	2	R56,R45
59	59		1304839-00	51.0 K .25 W 5.0 % CC	1	R64
60	60		1303114-00	*** THIS ITEM IS NOT USED ***	-	
61	61		1303313-00	12.10 K .25 W 1.0 % RN55D-F10	2	R37,R9
62	62		1305127-00	4.0 K .25 W 1.0 % RN55D-F10	2	R43,R2
63	63		1305129-00	8.0 K .25 W 1.0 % RN55D-F10	2	R42,R5
64	64		1305145-00	2.80 K .25 W 1.0 % RN55D-F10	1	R20
65	65		1305322-00	*** THIS ITEM IS NOT USED ***	-	
66	66		1305380-00	270.0 2.0 W 5.0 % CC	1	R50
67	67		1305421-00	35.70 K .25 W 1.0 % RN55D-F10	1	R10
68	68		1314350-00	1.0 2.0 W10.0 % FUSE	3	R32,R49,R67
69	69		1309413-00	3.83 K .25 W 1.0 % RN55D-F10	1	R34
70	70		1314172-00	270.0 14.0 W 5.0 % WW	1	R29
71	71		1300426-00	2.70 K .25 W 5.0 % CC	1	R23
72	72		1312565-00	13.30 K .25 W 1.0 % RN55D-F10	1	R25
73	73		1312923-00	*** THIS ITEM IS NOT USED ***	-	
74	74		1312930-00	5.10 K .25 W 5.0 % CC	1	R57
75	75		1312932-00	36.0 K .25 W 5.0 % CC	1	R55
76	76		1313151-00	3.60 K .25 W 5.0 % CC	1	R66
77	77		1313581-00	110.0 .25 W 1.0 % RN55D-F10	1	R63

I	D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
								MEMORY INVERTER		K	PL	5413603-0-DBP	E

TW

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION 00	REFERENCE DESIGNATOR
78	78		1300389-00	*** THIS ITEM IS NOT USED ***	-	
79	79		1302381-00	200.0 .50 W 5.0 % CC	1	R31
80	80		1300368-00	1.0 K 1.0 W 5.0 % CC	1	R51
81	81		1300391-00	1.50 K .25 W 5.0 % CC	2	R39,R22
82	82		1302395-00	56.0 K .25 W 5.0 % CC	1	R46
83	83		1510705-00	XA 05 NPN 500MW SI 60 50 P	4	Q7,Q8,Q11,Q16
84	84		1510706-00	XA 55 PNP 500MW SI 60 50 P	3	Q1,Q3,Q9
85	85		1510959-00	2N 3725 NPN 3.5WC SI 50 60 P	1	Q4
86	86		1513489-00	2N 4401 NPN 350MW SI 40 20	3	Q2,Q12,Q13
87	87		1514195-00	2N 6547 PNP 400V SI 15A	2	Q14,Q15
88	88		1514271-01	D 44Q5 NPN 31W SI225 30	1	Q5
89	89		1509524-00	2N 3904 NPN 310MW SI 40 40 M	1	Q10
90	90		1614202-00	XFMR,CURRENT	1	T2
91	91		1614204-00	PULSE XFMR 20312 BASE DRIVE	1	T1
92	92		1910298-00	741 OP AMP GEN PURP. COM	1	E2
93	93		1912108-00	339 VOLT CMPRTR,QUAD	1	E3
94	94		1914250-00	3524 MODULATOR-REGULATING	1	E1
95	95		7422046-00	HEAT SINK,SINGLE	1	
96	96		9006025-01	SCREW,PAN,PHIL 6-32X 5/8 SS	4	
97	97		9006656-00	WASHER, FLAT, .312 O.D. X .156 I	8	
98	98		9007801-00	WASHER, LOCK, S.S. #6	9	
99	99		9007836-00	EYELET, ROLLED FLANGE, .121 OD X	6	
100	100		9010128-00	SCREW,TAPPING,TYPE PAN,PHIL,	1	
101	101		7016051-00	TRANSFORMER ASSY	1	T3
102	102		7016052-00	CHOKE ASSY	1	L1
103	103		1303177-00	2.40 K .25 W 5.0 % CC	1	R13
104	104		1302860-00	11.50 K .25 W 1.0 % RN55D-F10	1	R12
105	105		1304854-00	5.11 K .25 W 1.0 % RN55D-F10	1	R59
106	106		1300411-00	2.0 K .25 W 1.0 % RN55D-F10	1	R62
107	107		7421435-00	MTG BRKT	1	
108	108		9009052-00	*** THIS ITEM IS NOT USED ***	-	
109	109		7422045-00	CAPACITOR STRAP	2	
110	110		9009708-00	SCREW,PAN,PHIL,TAP'G 6-32X	8	
111	111		9009617-00	TIE,CABLE BUNDL,DIA 0-3"TYPE=101	2	
112	112		9007035-00	GROMMET #122-37-1500	A/R	
113	113		9006071-01	SCREW,PAN,PHIL 10-32X 3/8 SS	2	
114	114		9007906-00	WASHER, LOCK S.S. #10	2	
115	115		9009243-00	*** THIS ITEM IS NOT USED ***	-	
116	116		9006024-01	SCREW,PAN,PHIL 6-32X 1/2 SS	1	
117	117		9009769-00	WASHER, RECTANGULAR .405X.225X.0	1	
118	118		9006011-01	SCREW,PAN,PHIL 4-40X 3/8 SS	1	
119	119		9006688-00	WASHER, LOCK, S.S. #4	1	
120	120		9006556-00	NUT,HEX , 4-40X1/4 AF X 3/	1	
121	121		9008268-00	COMPOUND, THERMAL JOINT	A/R	
122	122		9007201-00	TRANSIPADS #10253	1	
123	123		9105740-55	WIRE(WRAP)30AWG UL1423	A/R	
124	124		9007036-00	GROMMET #122-37-2500	A/R	
125	125		1314516-00	200.0 K .25 W 5.0 % CC	1	R53

D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							MEMORY INVERTER		K	PL	5413603-0-DBP	E

TW

AUTOMATED BY PRTLST.2E(3)

PARTS LIST

SHEET A4 OF A4

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION 00	REFERENCE DESIGNATOR
126	126	9009157-00	ADH, LIQ. RM. TEMP CURING COLORLESS	A/R	
127	127	9107256-11	TUBING, THIN WALL, .027ID	UL A/R	
128	128	7016920-00	JUMPER ASSY	1	
129	129	9107560-01	WIRE, BUSS, 22AWG	A/R	
130	130	9006565-00	NUT, KEP 10-32X 3/8 AF	1	
131	131	5413882-00	SNV SNUBBER	1	
132	132	9007853-01	SCREW, PAN, PHIL 6-32X1-1/8 SS	2	
133	133	9006803-00	SPACER, HEX, ALUM, .138 ID X .5	2	

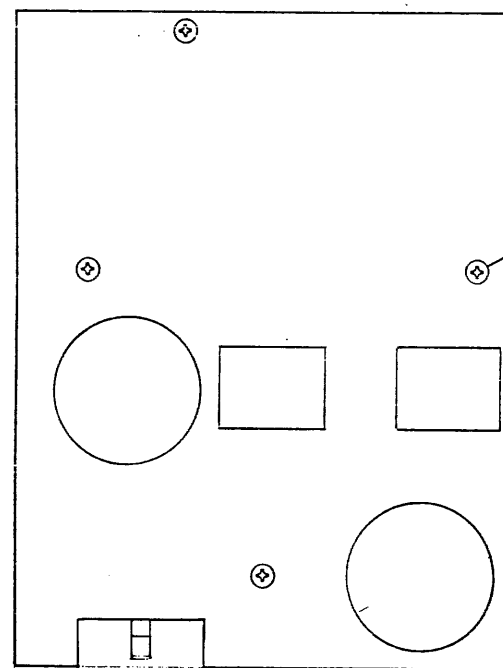
134 NOTE: ITEM #123; .52' IS USED.
 135 NOTE: ITEM #124; .08' IS USED.
 136 NOTE: ITEM #127; .56' IS USED.
 137 NOTE: ITEM #129; .37' IS USED.

D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							MEMORY INVERTER		K	PL	5413603-0-DBP	E

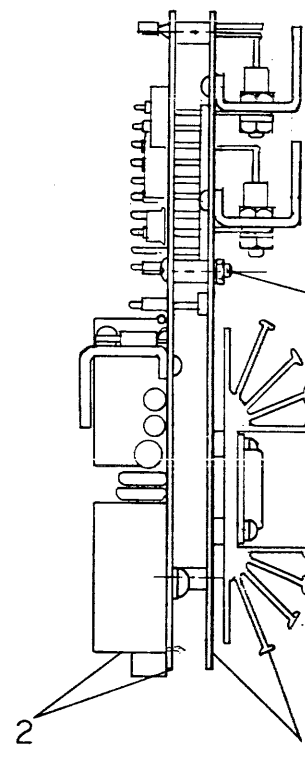
TW

THIS DRAWING AND SPECIFICATIONS HEREON ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION.
COPYRIGHT © 1979, DIGITAL EQUIPMENT CORPORATION

* 0-0-250910Z09 2



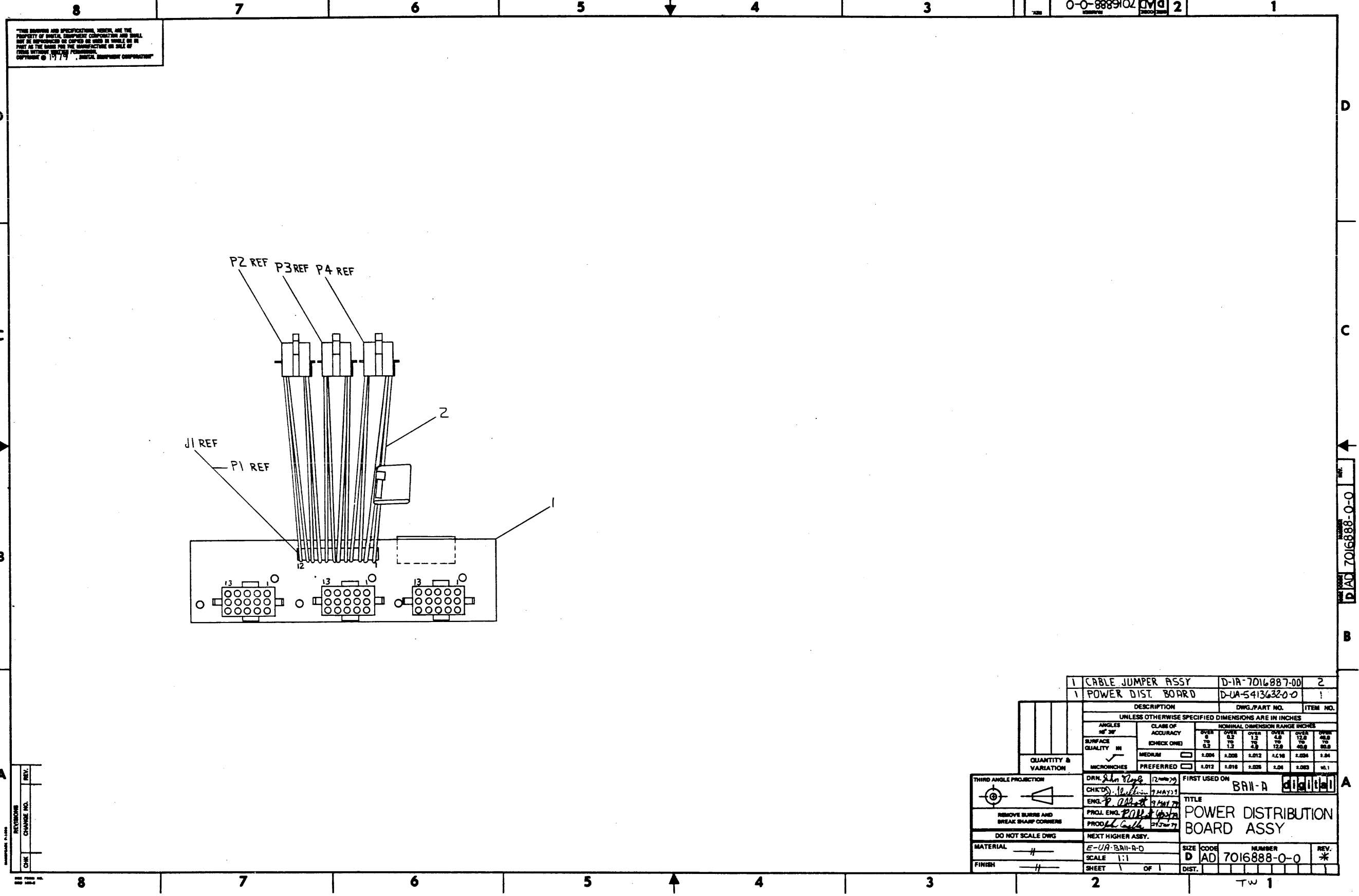
4
3
5
0 } QTY 4



4
3
5
0 } REF

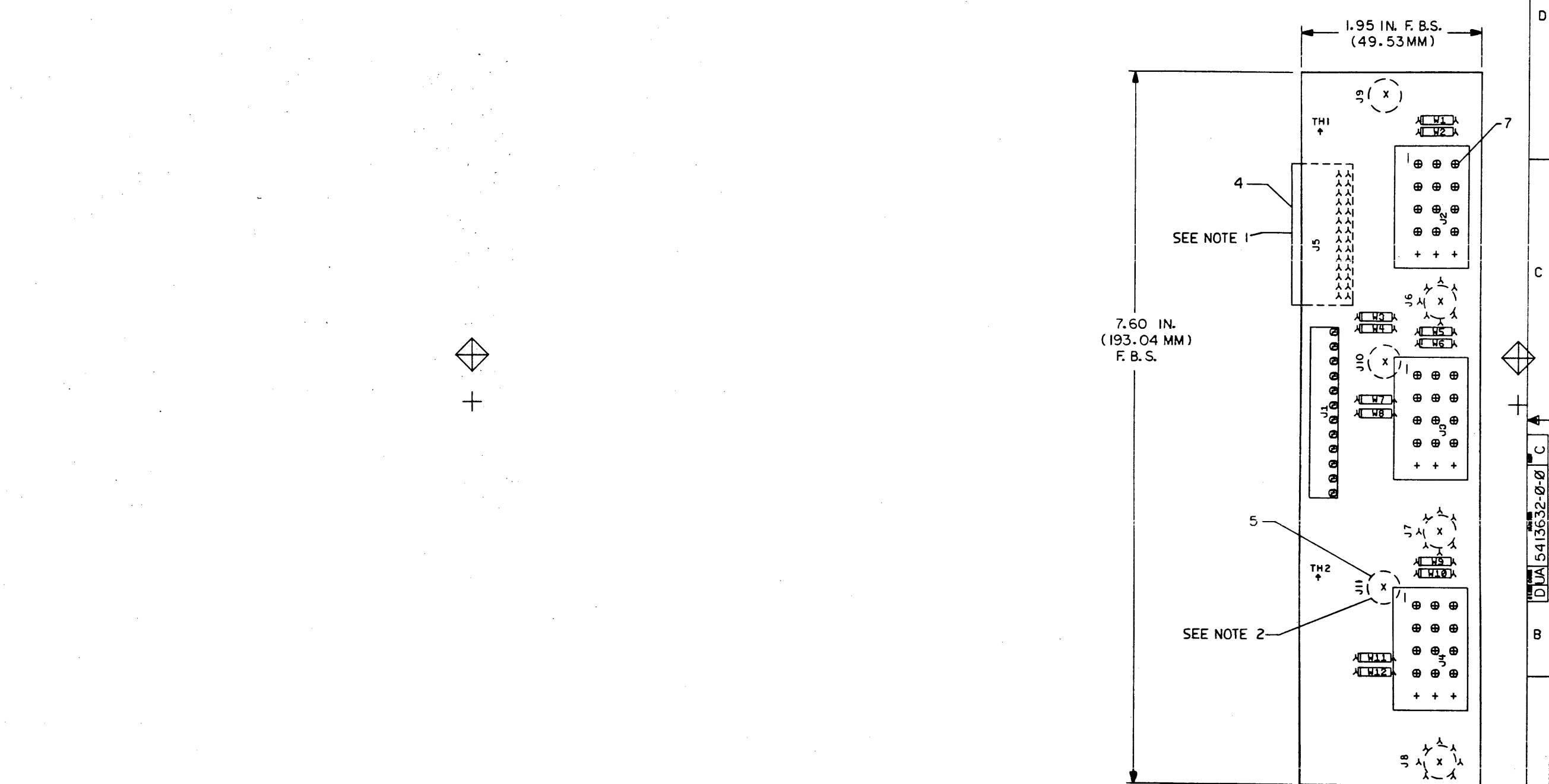
4	NUT, HEX #6-32X.25 A.F.	9008957-00	6
4	WASHER, LOCK, SS. #6	9007801-00	5
4	SCR, PHIL PAN HD #6-32X.69LG	9007794-01	4
4	SPACER, HEX, ALUM #6-32X.38LG	9006844-00	3
1	LOGIC INVERTER CONT BD	5413601-00	2
1	LOGIC INVERTER BD	5413599-00	1

QUANTITY & VARIATION	DESCRIPTION	DWG./PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			
ANGLES 10° 30°	CLASS OF ACCURACY	NOMINAL DIMENSION RANGE INCHES	
SURFACE QUALITY IN	(CHECK ONE)	OVER 0 TO 1.2	OVER 1.2 TO 4.0
MEDIAN	☐	OVER 4.0 TO 12.0	OVER 12.0 TO 40.0
MICROINCHES	PREFERRED ☐	OVER 40.0 TO 80.0	OVER 80.0 TO 160.0
THIRD ANGLE PROJECTION	DRN. 2 May 79 6-5-79	FIRST USED ON	H7140
REMOVE BURRS AND BREAK SHARP CORNERS	CHK'D 2-4-79	TITLE	H7140 +5V INVERTER ASSY
DO NOT SCALE DWG	PROJ. ENG. 11-1-79	SIZE	CODE
MATERIAL SEE PARTS LIST	PROD. 4-1-79	SCALE	NONE
FINISH	11	SHEET	1 OF 1



1 CABLE JUMPER ASSY		D-1A-7016887-00		2	
1 POWER DIST. BOARD		D-UA-5413632-0		1	
DESCRIPTION		DWG./PART NO.		ITEM NO.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES					
ANGLES 45° 30°	CLASS OF ACCURACY (CHECK ONE)	NOMINAL DIMENSION RANGE INCHES			
SURFACE QUALITY IN	MEDIUM	OVER 0 TO 0.3	OVER 0.3 TO 1.2	OVER 1.2 TO 4.9	OVER 4.9 TO 12.0
MICRONCHES	PREFERRED	±.004	±.008	±.012	±.016
QUANTITY & VARIATION		±.012	±.016	±.020	±.024
THIRD ANGLE PROJECTION		FIRST USED ON			
REMOVE BLURS AND BREAK SHARP CORNERS		BRI-A			
DO NOT SCALE DWG		TITLE			
MATERIAL		POWER DISTRIBUTION BOARD ASSY			
FINISH		SIZE CODE			
		D AD 7016888-0-0			
		SHEET 1 OF 1			

THIS DRAWING AND ANY INFORMATION CONTAINED HEREIN ARE THE PROPERTY OF THE UNITED STATES GOVERNMENT AND ARE TO BE REPRODUCED IN WHOLE OR IN PART BY ANY PERSON OR ORGANIZATION WITHOUT PERMISSION IN WRITING FROM THE SECRETARY OF THE ARMY.



NOTES:
1. ITEM 4 (J5) MOUNT ON SIDE 2.
2. ITEM 5 MOUNT ON SIDE 2.

STEP 6	± Y AXIS 0.000 STEP 0 TIMES
REPORT	± X AXIS 2.075 STEP 4 TIMES

CHANGE NO	REV
1	C

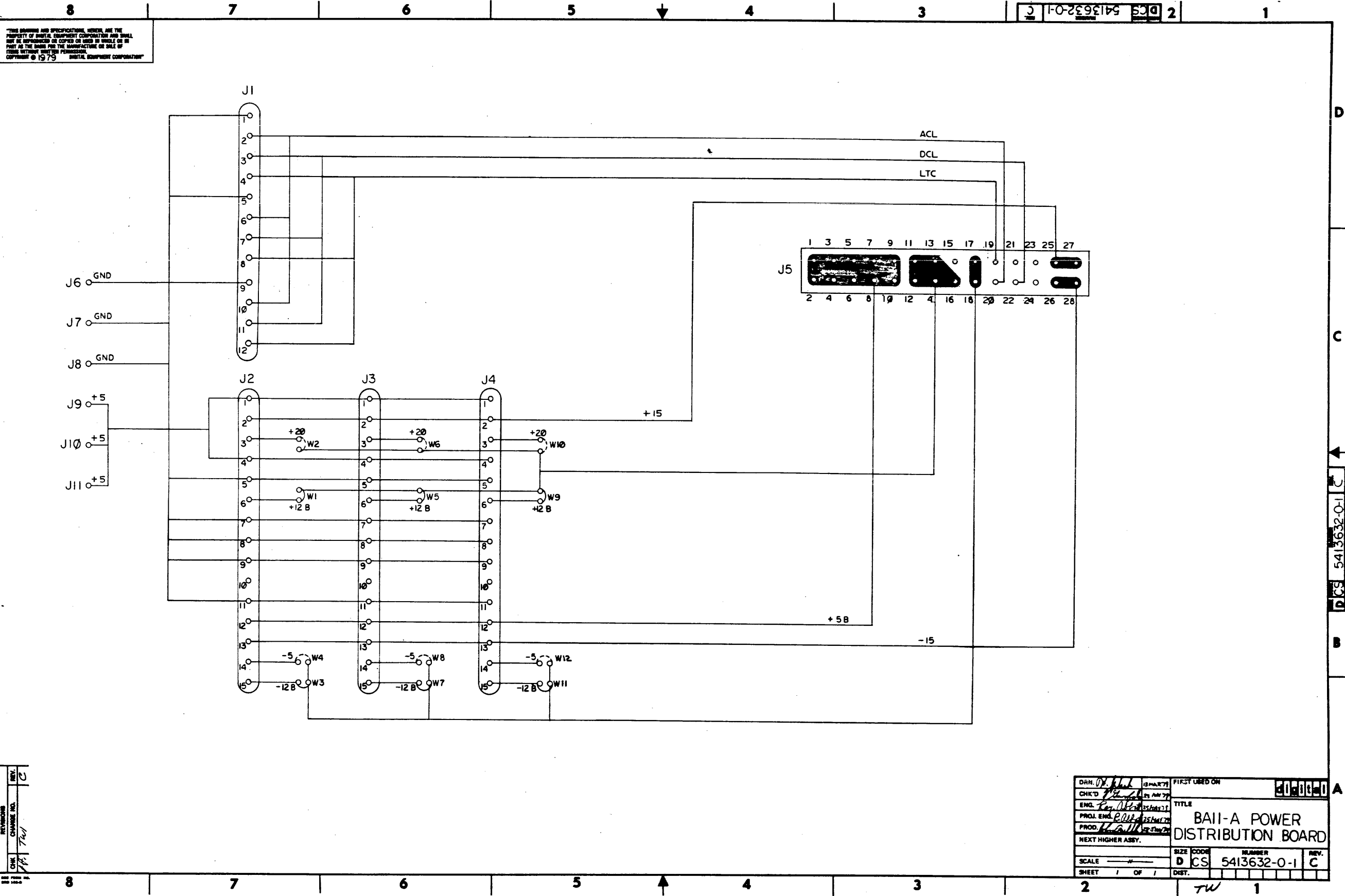
ETCH REV.	D-PI
-----------	------

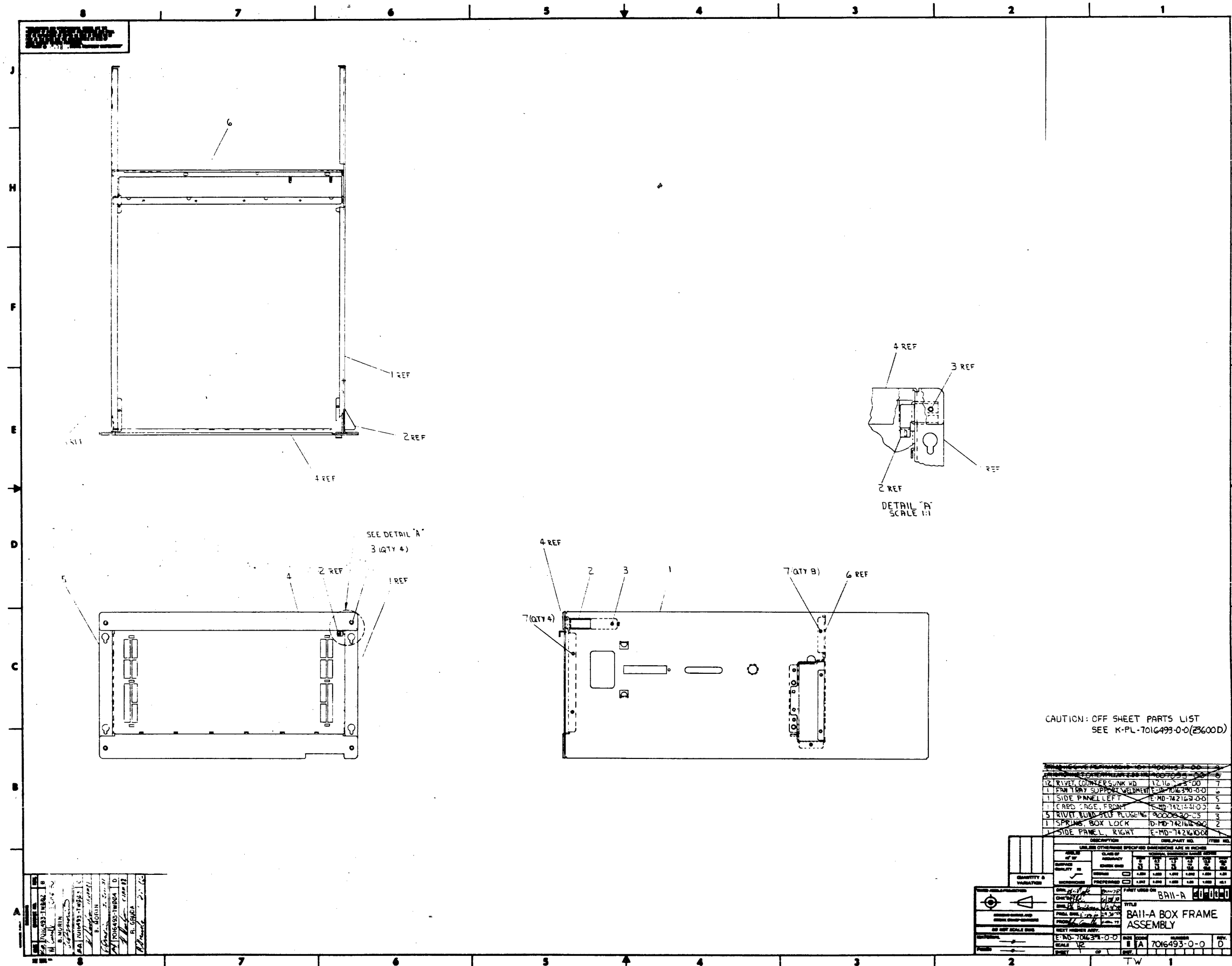
SIGNATURES		DATE
DRN. P. Aided Teller		10-24-79
CHK'D. E.T. GERRY		12-13-79
RECH. ENG. John J. [Signature]		1-17-81
PROJ. ENG. John J. [Signature]		1-22-81
PROD. [Signature]		1-22-81
SCALE 2/1		
SHT. 1 OF 1		
NEXT HIGHER REVISION B-DD-5413632-0		

TITLE BAIL A POWER DISTRIBUTION	
SIZE CODE	NUMBER
D	UA 5413632-00 C

digital

1 MS#170017DP-1





DMD	7017466-0-0	A
-----	-------------	---

LEGEND	
NUMBER	VARIATION
7017466-00	WITH REMOTE DIAGNOSTIC
7017466-01	WITH ONE SERIAL LINE
7017466-02	WITH TWO SERIAL LINES

1

**LR**

7

8

7

6

5

4

3

2

1

LINE	ITEM	DOCUMENT	NUMBER
------	------	----------	--------

PART NUMBER

DESCRIPTION

QUANTITY PER VARIATION		
00	01	02

QTY	DESCRIPTION	QTY	DESCRIPTION
1	SLV INTERFACE	1	SLV INTERFACE
1	EIA SERIAL LINE INTERFACE	1	EIA SERIAL LINE INTERFACE
1	BRKT, MTG SLU	1	BRKT, MTG SLU
1	CONN,D SUB 25PIN ASSY STRAIGHT W	1	CONN,D SUB 25PIN ASSY STRAIGHT W
1	CONN,D SUB 25PIN ASSY STRAIGHT W	1	CONN,D SUB 25PIN ASSY STRAIGHT W
1	CONNECTOR, COVER SLU	1	CONNECTOR, COVER SLU
1	SPACER, HEX THD'D ALUM 6-32X1	1	SPACER, HEX THD'D ALUM 6-32X1
1	SCREW, PAN, PHIL, SEMS 4-40X .375L	1	SCREW, PAN, PHIL, SEMS 4-40X .375L
1	WASHER, NYLON, FLAT #6 .312 OD	1	WASHER, NYLON, FLAT #6 .312 OD
1	SCREW, PAN, PHIL, SEMS 6-32X .25 L	1	SCREW, PAN, PHIL, SEMS 6-32X .25 L
1	SCREW, LOCK, STANDOFF ONLY	1	SCREW, LOCK, STANDOFF ONLY
1	LABEL, POWER SUPPLY, 2-15/16 " L	1	LABEL, POWER SUPPLY, 2-15/16 " L
1	WASHER, FLAT, .312 O.D. X .125 I	1	WASHER, FLAT, .312 O.D. X .125 I

REVISION HISTORY		BASIC PART NO: 7017466		DRN: A. COLON		DATE: 29-APR-80		D I G I T A L	
ENG	ECO NUMBER	REV	SECTION A OF A	CHK'D:	R.J. RILEY	DATE:	29-APR-80	TITLE	PARTS LIST
---	INITIAL	XO-2	SECTION. VARIATION INDEX	---	---	---	---	---	---
---	INITIAL	*	[A] 00,01,02	---	---	---	---	---	---
R G	7017466-TW001	A	---	---	---	---	---	---	---
			[B]	DES.ENG.:	P. BARTH	DATE:	29-APR-80		
			[C]						
			[D]	RESP.ENG.:	D. CARLSON	DATE:	29-APR-80		
			[E]						
			[F]	MFG.ENG.:	G. ABREU	DATE:	29-APR-80	K	PL
				ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:			
				D-AD-7017466-0-0		D-AD-7017466-0-0			
								7017466-0-DBP	A
								FILE NAME:	EDIT #
								Z1175A.PLS	8

"THIS DRAWING AND SPECIFICATIONS HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT (C) 1981. DIGITAL EQUIPMENT CORPORATION"

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION.
COPYRIGHT © 1980 DIGITAL EQUIPMENT CORPORATION

DCS 5414218-0-1

NOTES:

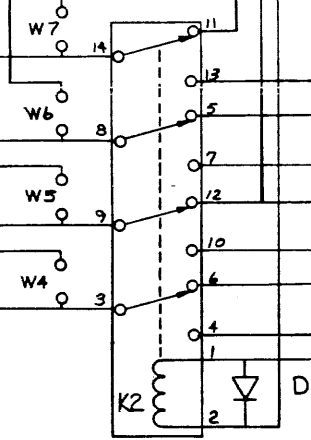
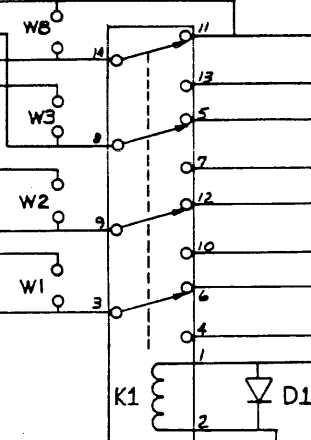
1. RELAYS K1, K2
DIODES D1, D2
CONNECTOR J1
USED IN -00 VARIATION ONLY
2. JUMPERS W1-W8
USED IN -01 VARIATION ONLY
3. CONNECTORS J2, J3, J4 & J5
USED IN ALL VARIATIONS

J3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25

J2
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20

J5
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25

J4
1
2
3
4
5
6
7
8
9
10



J1
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25

DESIGNED BY T. McCULLOUGH	DATE 2-5-80	TITLE digital
CHECKED BY J.F. Sullivan	DATE 4/13/80	SLU INTERFACE
DESIGNED BY W.H. Lynde	DATE 4-22-80	
REVIEWED BY R.J. Boudreau	DATE 5/7/80	
APPROVED BY A. Min	DATE 5/7/80	
DOCUMENT NUMBER		
SIZE CODE	NUMBER	REV.
D	CS 5414218-0-1	D
SCALE		SHEET 1 OF 1

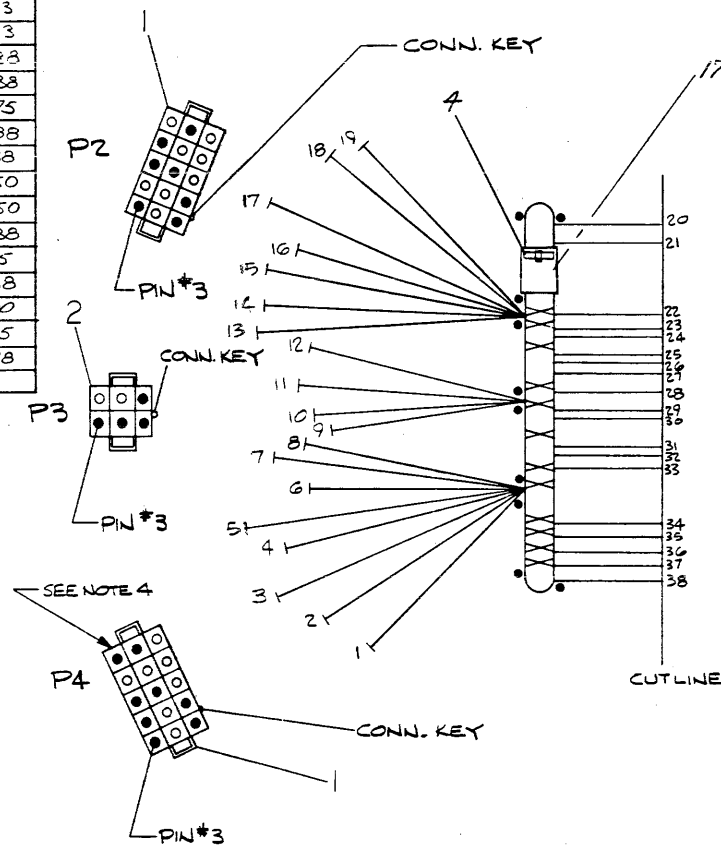
REVISION HISTORY
ECO NUMBER
DATE

END 1022

THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION.
COPYRIGHT © 1980, DIGITAL EQUIPMENT CORPORATION

WIRING TABLE

ITEM NO.	DESCRIPTION		FROM			TO		SIGNAL	LENGTH	
	AWG	COLOR	POINT	CONNECTION	WITH	POINT	CONNECTION			
D	9	#18	BLUE	1	P4-14	3	20	SOLDER	-15A	7.00
	5	14	RED	2	P4-4		32		+5V	4.88
	5	14	RED	3	P4-1		31		+5V	4.88
	6	14	BLK	4	P4-8		25		GND	5.63
	6	14	BLK	6	P4-9		26		GND	5.63
	13	18	WHT	7	P4-6		27		+15B	5.63
	14	18	GRN	8	P4-15		28		-15B	5.28
	12	18	YEL	9	P3-4		37		AC	6.38
	6	14	BLK	10	P3-1		22		GND	5.75
	10	18	BRN	11	P3-2		36		LTC	5.88
	11	18	VIO	12	P3-3		38		DC	6.38
	5	14	RED	13	P2-4		29		+5V	5.50
	5	14	RED	14	P2-1		30		+5V	5.50
	9	18	BLUE	15	P2-14		35		-15C	5.38
	6	14	BLK	16	P2-8		23		GND	4.75
	8	18	GRAY	17	P2-3		21		+15A	5.38
C	7	14	GRAY	5	P4-3		34		+15C	5.00
	6	14	BLK	18	P2-9		24		GND	4.75
	16	18	RED/WHT	19	P2-12	3	33	SOLDER	+5B	6.88



NOTES:

1. USE TIE WRAPS (X) ITEM #4 AT BREAKOUT POINTS SHOWN
2. DOT (•) INDICATES NAIL LOCATION FOR ASS'Y USE ONLY. COVER NAILS WITH SHRINK TUBING TO PREVENT CUTTING HARNESS.
3. WIRE LENGTH TOL. WILL BE $\pm 1/8$ - 0 IN.
4. ALL CONN. SHOWN FROM WIRING SIDE.
5. HARNESS TO BE IDENTIFIED WITH PART NO. AND REV. LEVEL AFTER FAB. (ITEM 17)
6. ITEM #3 CAN BE SUBSTITUTED BY P/N 12-09378-00 FOR MACHINE CRIMPING.

FOR WIRE LENGTHS
SEE WIRING TABLE

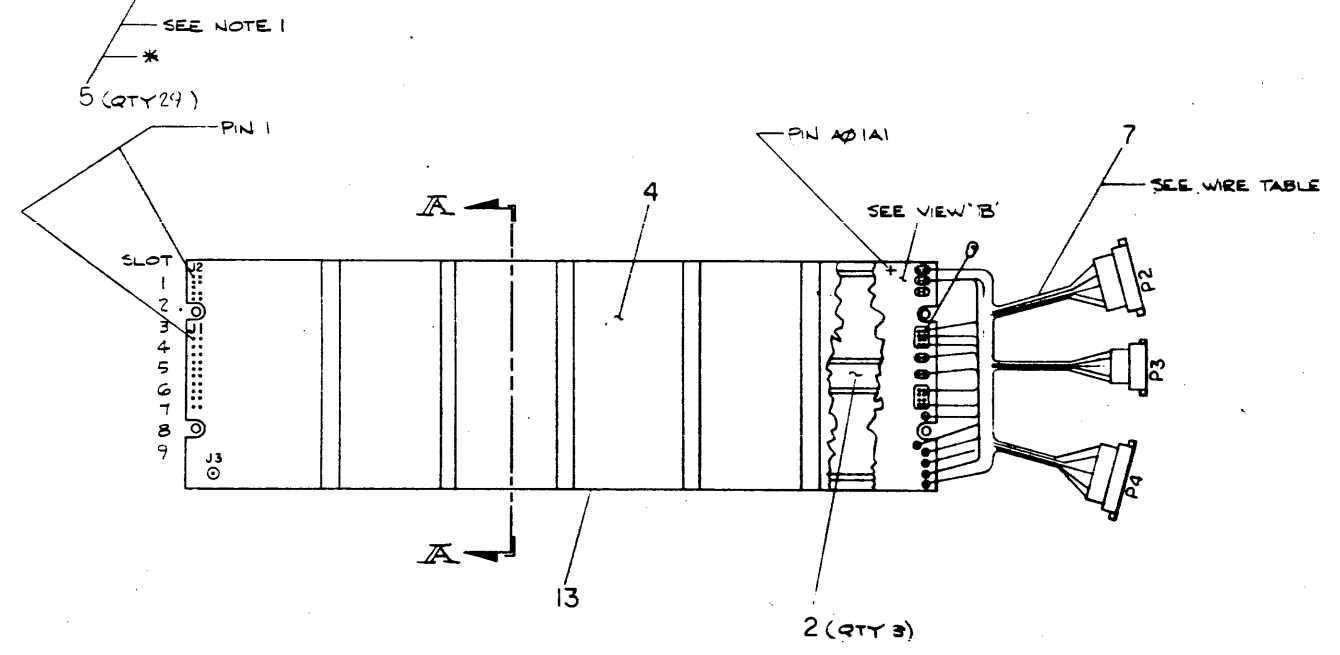
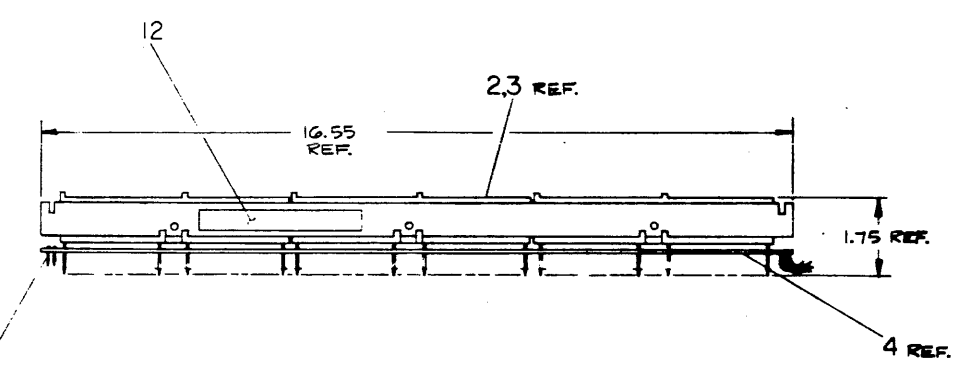
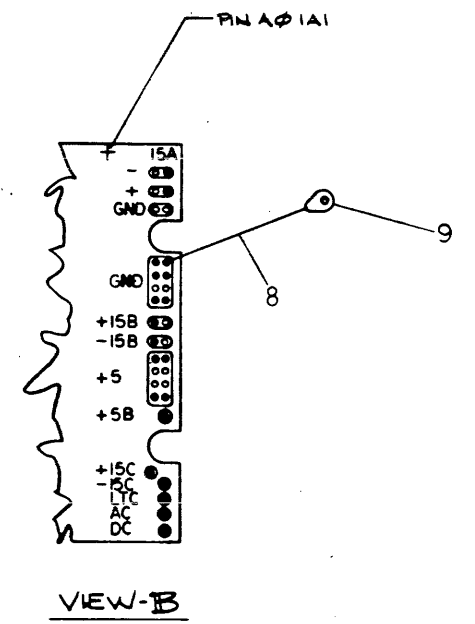
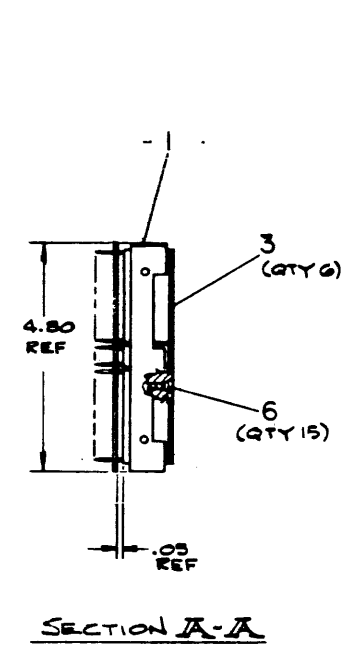
TABLE CABLE ID	90-04532-6	17
WIRE #18 AWG, RED/VH	9107910-29	16
POWER HARNESS DECALS	7409872-02	15
WIRE #18 AWG, GRN	9107360-55	14
WIRE #18 AWG, WHT	9107360-99	13
WIRE #18 AWG, YEL	9107360-44	12
WIRE #18 AWG, VIO	9107360-77	11
WIRE #18 AWG, BRN	9107360-11	10
WIRE #18 AWG, BLUE	9107360-66	9
WIRE #18 AWG, GRAY	9107360-88	8
WIRE #14 AWG, GRAY	9107370-88	7
WIRE #14 AWG, BLK	9107370-00	6
WIRE #14 AWG, RED	9107370-22	5
TIE WRAP	9007031	4
PIN, MALE	1209378-01	3
CONN. 6 PIN HOUSING	1209351-06	2
CONN. 15 PIN HOUSING	1209351-15	1

QUANTITY & VARIATION	DESCRIPTION	DWG./PART NO.	ITEM NO.
THIRD ANGLE PROJECTION	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
REMOVE BURRS AND BREAK SHARP CORNERS	ANGLES 20° 30°	CLASS OF ACCURACY (CHECK ONE)	NOMINAL DIMENSION RANGE INCHES
DO NOT SCALE DWG	SURFACE QUALITY IN	MEDIUM	OVER 0 TO 0.25
MATERIAL SEE PARTS LIST	MICROINCHES	PREFERRED	OVER 0.25 TO 0.50
FINISH			OVER 0.50 TO 1.00
			OVER 1.00 TO 2.00
			OVER 2.00 TO 4.00
			OVER 4.00 TO 8.00
			OVER 8.00 TO 16.00
			OVER 16.00 TO 32.00
			OVER 32.00 TO 64.00
			OVER 64.00 TO 128.00
			OVER 128.00 TO 256.00
			OVER 256.00 TO 512.00
			OVER 512.00 TO 1024.00
			OVER 1024.00 TO 2048.00
			OVER 2048.00 TO 4096.00
			OVER 4096.00 TO 8192.00
			OVER 8192.00 TO 16384.00
			OVER 16384.00 TO 32768.00
			OVER 32768.00 TO 65536.00
			OVER 65536.00 TO 131072.00
			OVER 131072.00 TO 262144.00
			OVER 262144.00 TO 524288.00
			OVER 524288.00 TO 1048576.00
			OVER 1048576.00 TO 2097152.00
			OVER 2097152.00 TO 4194304.00
			OVER 4194304.00 TO 8388608.00
			OVER 8388608.00 TO 16777216.00
			OVER 16777216.00 TO 33554432.00
			OVER 33554432.00 TO 67108864.00
			OVER 67108864.00 TO 134217728.00
			OVER 134217728.00 TO 268435456.00
			OVER 268435456.00 TO 536870912.00
			OVER 536870912.00 TO 1073741824.00
			OVER 1073741824.00 TO 2147483648.00
			OVER 2147483648.00 TO 4294967296.00
			OVER 4294967296.00 TO 8589934592.00
			OVER 8589934592.00 TO 17179869184.00
			OVER 17179869184.00 TO 34359738368.00
			OVER 34359738368.00 TO 68719476736.00
			OVER 68719476736.00 TO 137438953472.00
			OVER 137438953472.00 TO 274877906944.00
			OVER 274877906944.00 TO 549755813888.00
			OVER 549755813888.00 TO 1099511627776.00
			OVER 1099511627776.00 TO 2199023255552.00
			OVER 2199023255552.00 TO 4398046511104.00
			OVER 4398046511104.00 TO 8796093022208.00
			OVER 8796093022208.00 TO 17592186044416.00
			OVER 17592186044416.00 TO 35184372088832.00
			OVER 35184372088832.00 TO 70368744177664.00
			OVER 70368744177664.00 TO 140737488355328.00
			OVER 140737488355328.00 TO 281474976710656.00
			OVER 281474976710656.00 TO 562949953421312.00
			OVER 562949953421312.00 TO 1125899906842624.00
			OVER 1125899906842624.00 TO 2251799813685248.00
			OVER 2251799813685248.00 TO 4503599627370496.00
			OVER 4503599627370496.00 TO 9007199254740992.00
			OVER 9007199254740992.00 TO 18014398509481984.00
			OVER 18014398509481984.00 TO 36028797018963968.00
			OVER 36028797018963968.00 TO 72057594037927936.00
			OVER 72057594037927936.00 TO 144115188075855872.00
			OVER 144115188075855872.00 TO 288230376151711744.00
			OVER 288230376151711744.00 TO 576460752303423488.00
			OVER 576460752303423488.00 TO 1152921504606846976.00
			OVER 1152921504606846976.00 TO 2305843009213693952.00
			OVER 2305843009213693952.00 TO 4611686018427387904.00
			OVER 4611686018427387904.00 TO 9223372036854775808.00
			OVER 9223372036854775808.00 TO 18446744073709551616.00
			OVER 18446744073709551616.00 TO 36893488147419103232.00
			OVER 36893488147419103232.00 TO 73786976294838206464.00
			OVER 73786976294838206464.00 TO 147573952589676412928.00
			OVER 147573952589676412928.00 TO 295147905179352825856.00
			OVER 295147905179352825856.00 TO 590295810358705651712.00
			OVER 590295810358705651712.00 TO 1180591620717411303424.00
			OVER 1180591620717411303424.00 TO 2361183241434822606848.00
			OVER 2361183241434822606848.00 TO 4722366482869645213696.00
			OVER 4722366482869645213696.00 TO 9444732965739290427392.00
			OVER 9444732965739290427392.00 TO 18889465931478580854784.00
			OVER 18889465931478580854784.00 TO 37778931862957161709568.00
			OVER 37778931862957161709568.00 TO 75557863725914323419136.00
			OVER 75557863725914323419136.00 TO 151115727451828646838272.00
			OVER 151115727451828646838272.00 TO 302231454903657293676544.00
			OVER 302231454903657293676544.00 TO 604462909807314587353088.00
			OVER 604462909807314587353088.00 TO 1208925819614629174706176.00
			OVER 1208925819614629174706176.00 TO 2417851639229258349412352.00
			OVER 2417851639229258349412352.00 TO 4835703278458516698824704.00
			OVER 4835703278458516698824704.00 TO 9671406556917033397649408.00
			OVER 9671406556917033397649408.00 TO 19342813113834066795298816.00
			OVER 19342813113834066795298816.00 TO 38685626227668133590597632.00
			OVER 38685626227668133590597632.00 TO 77371252455336267181195264.00
			OVER 77371252455336267181195264.00 TO 154742504910672534362390528.00
			OVER 154742504910672534362390528.00 TO 309485009821345068724781056.00
			OVER 309485009821345068724781056.00 TO 618970019642690137449562112.00
			OVER 618970019642690137449562112.00 TO 1237940039285380274899124224.00
			OVER 1237940039285380274899124224.00 TO 2475880078570760549798248448.00
			OVER 2475880078570760549798248448.00 TO 4951760157141521099596496896.00
			OVER 4951760157141521099596496896.00 TO 9903520314283042199192993792.00
			OVER 9903520314283042199192993792.00 TO 19807040628566084398385987584.00
			OVER 19807040628566084398385987584.00 TO 39614081257132168796771975168.00
			OVER 39614081257132168796771975168.00 TO 79228162514264337593543950336.00
			OVER 79228162514264337593543950336.00 TO 158456325028528675187087900672.00
			OVER 158456325028528675187087900672.00 TO 316912650057057350374175801344.00
			OVER 316912650057057350374175801344.00 TO 633825300114114700748351602688.00
			OVER 633825300114114700748351602688.00 TO 1267650600228229401496703205376.00
			OVER 1267650600228229401496703205376.00 TO 2535301200456458802993406410752.00
			OVER 2535301200456458802993406410752.00 TO 5070602400912917605986812821504.00
			OVER 5070602400912917605986812821504.00 TO 10141204801825835211973625643008.00
			OVER 10141204801825835211973625643008.00 TO 20282409603651670423947251286016.00
			OVER 20282409603651670423947251286016.00 TO 40564819207303340847894502572032.00
			OVER 40564819207303340847894502572032.00 TO 81129638414606681695789005144064.00
			OVER 81129638414606681695789005144064.00 TO 162259276829213363391578010288128.00
			OVER 162259276829213363391578010288128.00 TO 324518553658426726783156020576256.00
			OVER 324518553658426726783156020576256.00 TO 649037107316853453566312041152512.00
			OVER 649037107316853453566312041152512.00 TO 1298074214633706907132624082305024.00
			OVER 1298074214633706907132624082305024.00 TO 2596148429267413814265248164610048.00
			OVER 2596148429267413814265248164610048.00 TO 5192296858534827628530496329220096.00
			OVER 5192296858534827628530496329220096.00 TO 10384593717069655257060992658440192.00
			OVER 10384593717069655257060992658440192.00 TO 20769187434139310514121985316880384.00
			OVER 20769187434139310514121985316880384.00 TO 41538374868278621028243970633760768.00
			OVER 41538374868278621028243970633760768.00 TO 83076749736557242056487941267521536.00
			OVER 83076749736557242056487941267521536.00 TO 166153499473114484112975882535043072.00
			OVER 166153499473114484112975882535043072.00 TO 332306998946228968225951765070086144.00
			OVER 332306998946228968225951765070086144.00 TO 664613997892457936451903530140172288.00
			OVER 664613997892457936451903530140172288.00 TO 1329227995784915872903807060280344576.00
			OVER 1329227995784915872903807060280344576.00 TO 2658455991569831745807614120560689152.00
			OVER 2658455991569831745807614120560689152.00 TO 5316911983139663491615228241121378304.00
			OVER 5316911983139663491615228241121378304.00 TO 10633823966279326983230456482242756608.00
			OVER 10633823966279326983230456482242756608.00 TO 21267647932558653966460912964485513216.00
			OVER 21267647932558653966460912964485513216.00 TO 42535295865117307932921825928971026432.00
			OVER 42535295865117307932921825928971026432.00 TO 85070591730234615865843651857942052864.00
			OVER 85070591730234615865843651857942052864.00 TO 170141183460469231731687303715884105728.00
			OVER 170141183460469231731687303715884105728.00 TO 340282366920938463463374607431768211456.00
			OVER 340282366920938463463374607431768211456.00 TO 680564733841876926926749214863536422912.00
			OVER 680564733841876926926749214863536422912.00 TO 1361129467683753853853498429727072845824.00
			OVER 136112946768375385385349842972

THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION.
COPYRIGHT © 1980 DIGITAL EQUIPMENT CORPORATION

WIRE TABLE							
FROM				TO			
COLOR	POINT	CONNECTION	SIGNAL	COLOR	POINT	CONNECTION	SIGNAL
BLUE	P4-14	SOLDER	-15A	RED	P2-4	SOLDER	+5V
RED	P4-4		+5V	RED	P2-1	SOLDER	+5V
RED	P4-1		+5V	BLUE	P2-14		-15C
BLK	P4-8		GND	BLK	P2-8		GND
BLK	P4-9		GND	GRAY	P2-3		+15A
WHT	P4-6		+15B	GRAY	P4-3		+15C
GRN	P4-15		-15B	BLK	P2-9		GND
YEL	P3-4		AC	GRN	P2-12	SOLDER	+5B
BLK	P3-1		GND	ITEM#	SOLDER	ITEM#	
BRN	P3-2		LTC				
VIO	P3-3	SOLDER	DC				

NOTES:
1. PRIOR TO ASSEMBLING ETCH CKT BD (ITEM#4) TO PINS ON BACK PLANE, INSERT PINS DESIGNATED BY ASTERISK (*) ITEM#5.



CAUTION: OFF SHEET PARTS LIST
REFER TO K-PL-7016905-0-DBP

REF	AWT REV STATUS	A-W-7016905-0-2	15
REF	WIRE LIST	" - 7016905-0-1	14
REF	CIRCUIT SCHEMATIC	DCS-7016905-0-1	13
1	LABEL AWT REV STATUS	A-7016905-0-0	12
AR	WIRE #26 AWG VIO	---	11
AR	WIRE #30 GRAY/VIO TW/PR	---	10
1	TERMINAL, SOLDER	---	9
2	WIRE, BLK STRD #14	---	8
1	POWER HARNESS	D-1A-7016905-0-0	7
15	SCR FL HD #8-32 X .62 LONG	---	6
29	PIN STAKING P.C. BD	---	5
1	ETCH CIRCUIT BOARD	D-1A-501381G-0-0	4
2	BLOCK, CONN. 288 PIN	---	3
3	BLOCK, CONN. 72 PIN	---	2
1	FRAME, LOGIC	---	1

DATE	REV	BY	CHKD
11/24/80	A	RAY GRUDA	RAY GRUDA
11/24/80	B	RAY GRUDA	RAY GRUDA

QUANTITY & VARIATION	THIRD ANGLE PROJECTION	DATE 15 JAN 80	TITLE 11/24 digital
DO NOT SCALE DRAWING	REMOVE BURRS AND BREAK SHARP CORNERS	DATE 5-1-80	BACKPLANE ASS'Y
MATERIAL SEE PARTS LIST	DATE 4-30-80	DATE 4-30-80	DOCUMENT NUMBER
FINISH	DATE 5-5-80	DATE 5-5-80	DAD7016905-0-0 B

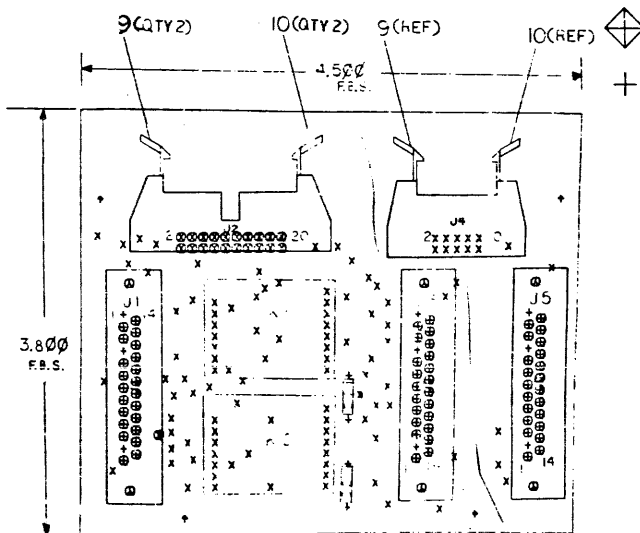
LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION
1	1		1211439-00	CASTING, LOGIC FRAME FOR 1105	1
2	2		1211425-02	CONN,CARD 72PIN SLOTTED OPEN EN	3
3	3		1210258-01	CONN,CARD 288PIN SLOTTED OPEN EN	6
4	4	D-UA-5013816-0-0	5013816-00	11/24 BACK PLANE	1
5	5		9009149-00	PIN, STAKING, P.C. BOARD, .025 X	29
6	6		9006120-00	SCREW, POZIDRIVE FILLISTER HD SW	15
7	7	D-IA-7016905-0-0	7016905-00	POWER HAPNESS (11/24)	1
8	8	SEE NOTE 1	9107370-00	WIRE,STRND,14AWG,IPVC UL1534	2
9	9		9008150-00	TERM LUG 1POS LOCKING,SOLDER	1
10	10		9107773-87	WIRE(WRAP)30AWG,TWP (UL1558)	A/R
11	11		9105740-44	WIPE(WRAP)30AWG UL1423	A/R
12	12	A-DC-7411881-0-0	7411881-00	DECAL BACKPLANE REV STATUS	1
13	13	BLANK			0
14	14	K-WL-7016905-0-1		WIRE LIST	REF
15	15	A-WT-7016905-0-2		AWT REV STATUS	REF

16 NOTE: NOTE 1: ITEM 8 LENGTH IS IN INCHES

REVISION HISTORY		BASIC PART NO: 7016905		DRN: H. DARAKJIAN		DATE: 28-APR-81		D I G I T A L	
ENG	ECO NUMBER	REV	SECTION A OF A	CHK'D:	W. FISHER	DATE:	28-APR-81	TITLE PARTS LIST	
---	INITIAL	-	SECTION, VARIATION INDEX					11/24 BACKPLANE ASSY	
RG	7016905-TW001	1A	[A] 00						
WB	11/24-TWO1A	1B	[B]	DES.ENG.:	R. GRUDA	DATE:	28-APR-81		
			[C]						
			[D]	RESP.ENG.:	R. GRUDA	DATE:	28-APR-81	DOCUMENT NUMBER	
			[E]						
			[F]	MFG.ENG.:	J. AVILES	DATE:	28-APR-81	SIZE	CODE
				ASSEMBLY NUMBER:				NUMBER	REV
				D-AD-7016905-0-0		TOP DOCUMENT NUMBER:		FILE NAME:	EDIT
						E-UA-11/24-0-0		Z2443.PLS	7

"THIS DRAWING AND SPECIFICATIONS HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT (C) 1981. DIGITAL EQUIPMENT CORPORATION"

TW

[illegible]

CMC	CHANCE	NO	REV
-----	--------	----	-----

STEP	Y	Y ²	Y ³	Y ⁴	Y ⁵
1	1	1	1	1	1
2	2	4	8	16	32
3	3	9	27	81	243
4	4	16	64	256	1024
5	5	25	125	625	3125
6	6	36	216	1296	7776
7	7	49	343	2401	16807
8	8	64	512	4096	32768
9	9	81	729	6561	59049
10	10	100	1000	10000	100000

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION		REFERENCE DESIGNATOR
					00	01	
1	1	F-MD-5014217-D-0	5014217-00	ETCH BRD	1	1	
2	2		1216296-02	CONN, D SUB 25PIN	1	0	J1
3	3		1209941-12	HEADER 10POS RT ANGLE	1	1	J4
4	4		1209941-06	HEADER, 100 20POS RT ANGLE	1	1	J2
5	5		1210972-00	PLY, REED, 5V COTL, 4PDT, .25A, 15P	2	0	K1, K2
6	6		1105796-00	IN 4004 PIV=400 I= 1A 0041 SP	2	0	D1, D2
7	7		1217536-01	CONN, D SUB 25PIN PC MIG W/PINS	2	2	J3, J5
8	8		9009185-00	JUMPER, WIRE, INSULATED, BLACK B	0	8	W1-W8
9	9		1209941-03	HEADER RT ANGLE LEFT L	2	2	
10	10		1209941-04	HEADER RT ANGLE, RIGHT	2	2	

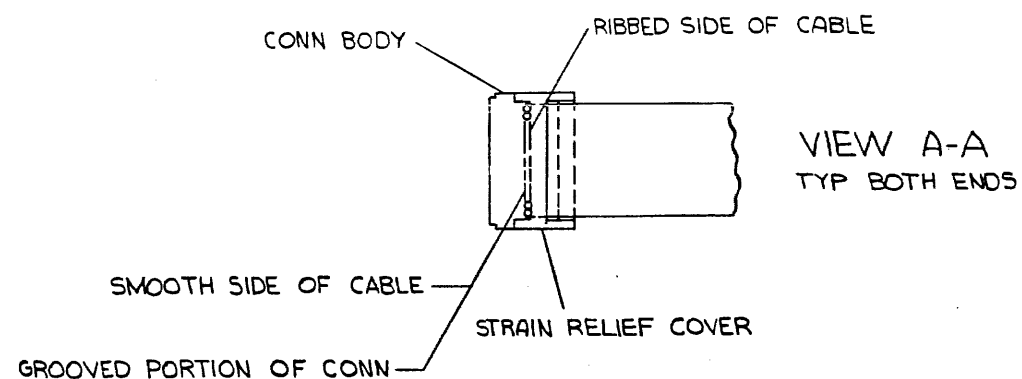
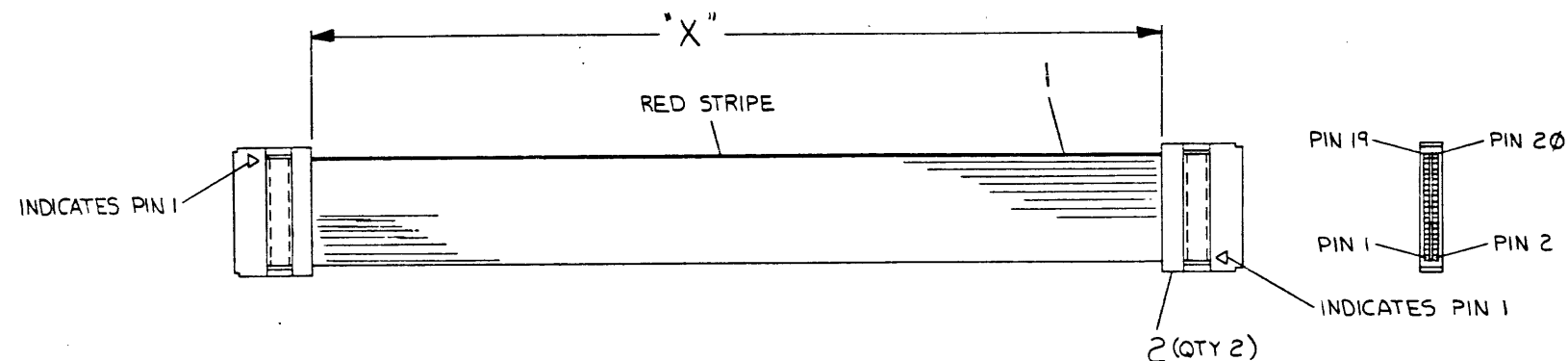
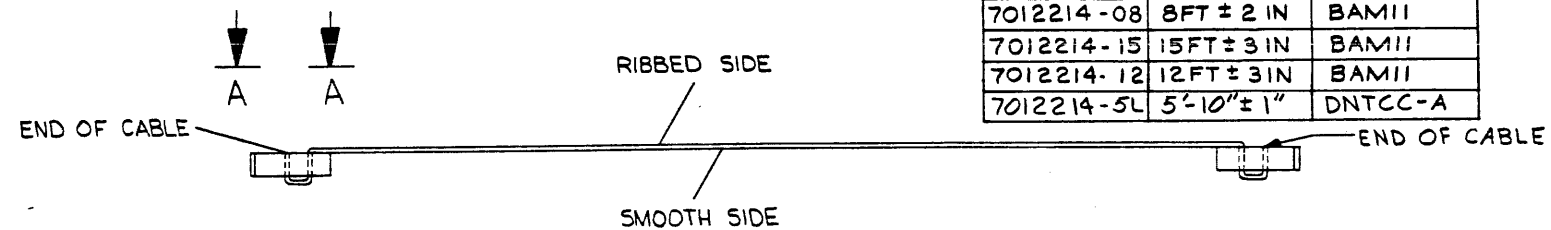
REVISION HISTORY			BASIC PART NO: 5414216			D I G I T A L		
ENG	ECO NUMBER	REV	SECTION A OF A	DRN:	F.SMART	DATE:	3-MAR-80	
---	INITIAL	D	SECTION, VARIATION INDEX	CHK'D:	E.T.GERRY	DATE:	3-MAR-80	TITLE PARTS LIST
			(A) 00, 01					SLU INTERFACE
			(B)					
			(C)	DES. ENG:	R.ROUDROT	DATE:	7-MAY-80	
			(D)					
			(E)	RESP. ENG.:	R.ROUDROT	DATE:	7-MAY-80	DOCUMENT NUMBER
			(F)					
			(H)					
			(J)					
			(K)	MFG. ENG.:	G.ABPEU	DATE:	7-MAY-80	SIZE CODE NUMBER REV
			(L)					K PL 5414218-0-DBP D
			(M)	ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME: EDIT #
			(N)	E-UA-5414218-0-0		B-DD-5414218-0-0		712630, PLS 18
THIS DRAWING AND SPECIFICATIONS HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT (C) 1980, DIGITAL EQUIPMENT CORPORATION								

TL

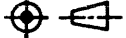
REVISIONS		
CHK	CHANGE NO.	REV.
EW	7012214-00001	A
P. J. Jones 29JULY76		
R. PRATT		
7/1/76 6:44p/76		
J. C.	7012214-00002	B
A. Clawson 8 Sept. 76		
D. BARRY		
P. J. Barry 23 Sept 76		
J. C.	7012214-00003	C
P. J. Jones 17 FEB 77		
R. PRATT		
7/1/77 25 Feb 77		
J. C.	7012214-00004	D
M. O. Burns 4 Nov 77		
B. GETTYS		
7/1/77 12 Jan 78		
ER	7012214-00004	E
E. R. Barnett 18 Jan 78		
R. DIETER		
ER	7012214-00005	F
P. J. Jones 25 JAN 78		
D. J. ANDERSON		
ER	7012214-00006	G
P. J. Jones 3 Feb 78		
J. C.	7012214-ML006	H
P. J. Jones 11/19/82		
D. RYNNER		
P. J. Jones 6-16-88		

LEGEND		
NUMBER	DIM "X" VARIATION	USED ON
7012214-2D	2FT 4IN ± 1IN	KY11-LB
7012214-7	7 FT ± 2 IN	KY11-LB
7012214-10	10 FT ± 2 IN	1104/34-TA
7012214-ØH	7 IN ± .5 IN	H79Ø-B
7012214-3	3 FT ± 1 IN	11/60-T
7012214-08	8FT ± 2 IN	BAM11
7012214-15	15FT ± 3 IN	BAM11
7012214-12	12FT ± 3 IN	BAM11
7012214-5L	5'-10" ± 1"	DNTCC-A

LEGEND		
NUMBER	DIM. X VARIATION	USED ON
7012214-0D	4.0" $\pm$ 0.2"	H7183



2	CONN, SOC STR RELIEF 20 COND	1211206-03	2
A/R	CABLE, RIBBON 20 COND.	9107747	1
QTY.	DESCRIPTION	PART NO.	ITEM NO.

FIRST USED ON OPTION/MODEL			QTY.	DESCRIPTION	PART NO.	ITEM NO.												
KY11-LB			PARTS LIST															
DIMENSIONAL TOLERANCE			DBN. <i>D. Deane</i> DATE <i>11/21/75</i>															
DIMENSIONS ARE ~~MILLIMETERS~~ INCHES			CHK'D. <i>D. Hoagly</i> DATE <i>11/25/75</i>															
UNLESS OTHERWISE SPECIFIED			ENG. <i>R. C. Pratt</i> DATE <i>12/11/75</i>															
<table><tr><td>MILLIMETERS</td><td>INCHES</td><td>ANGLES</td></tr><tr><td>XXX = ±0.10</td><td>XXX = ±.005</td><td>±0° 30'</td></tr><tr><td>JXX = ±0.8</td><td>JXX = ±.1</td><td></td></tr><tr><td>X = ±.5</td><td>X = ±.1</td><td></td></tr></table>			MILLIMETERS	INCHES	ANGLES	XXX = ±0.10	XXX = ±.005	±0° 30'	JXX = ±0.8	JXX = ±.1		X = ±.5	X = ±.1		PROJ. ENG. <i>R. C. Pratt</i> DATE <i>12/11/75</i>			
MILLIMETERS	INCHES	ANGLES																
XXX = ±0.10	XXX = ±.005	±0° 30'																
JXX = ±0.8	JXX = ±.1																	
X = ±.5	X = ±.1																	
THIRD ANGLE PROJECTION			PROD. <i>R. M. O'Neil</i> DATE															
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓			TITLE															
MATERIAL SEE PARTS LIST			CABLE, CONSOLE															
FINISH			TO M7859 (KY11-LE)															
			NEXT HIGHER ASSY.															
			D-UA-KY11-LB-φ															
			SIZE CODE NUMBER REV.															
			C IA 7012214-0-0 H															
			SCALE NONE															
			SHEET 1 OF 1															
			DIST.															

SIZE	CODE	NUMBER	REV.
C	A	7012214-0-0	H

"THE MATERIAL HEREIN IS FOR INFORMATION PURPOSES ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE. DIGITAL EQUIPMENT CORPORATION ASSUMES NO RESPONSIBILITY FOR ANY ERRORS WHICH MAY APPEAR HEREIN."

FIELD MAINTENANCE PRINT SET

"THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1980 DIGITAL EQUIPMENT CORPORATION."

TABLE OF CONTENTS

B-PL-KDF11-UA-0	PARTS LIST 16BIT F11 UNIBUS PROC (M7133)
D-BD-KDF11-UA-1	BLOCK DIA
B-DD-KDF11-UA-0	CPU MODULE OPTION
K-GL-KDF11-UA-2	OPTION.TXT
B-PL-KDF11-UA-4	SHIPPING LIST
D-CS-M7133-0-1	CPU CIRCUIT SCHEMATIC

[illegible]

Field Maintenance Print Set

KDFII-UA

Digital Equipment Corporation

MP01028

REVISIONS	REV		USED ON OPTION/MODEL	DRN.	DATE	digital TITLE: 16BIT F11 UNIBUS PROCESSOR (M7133)											
	CHG. NO.			A. ROCHA	11 DEC 80												
	DATE			KDF11												CHK'D	DATE
																R. Souda	1-15-81
						PROJ. ENG.	DATE										
						R. Souda	1-15-81										
						FIELD SERV.	DATE										
						C. J. Hines	1-15 81										
SHEET 1 OF 1					SIZE	CODE	NUMBER				REV.						
					B	TC	KDF11-UA-3				A						
					DIST.												

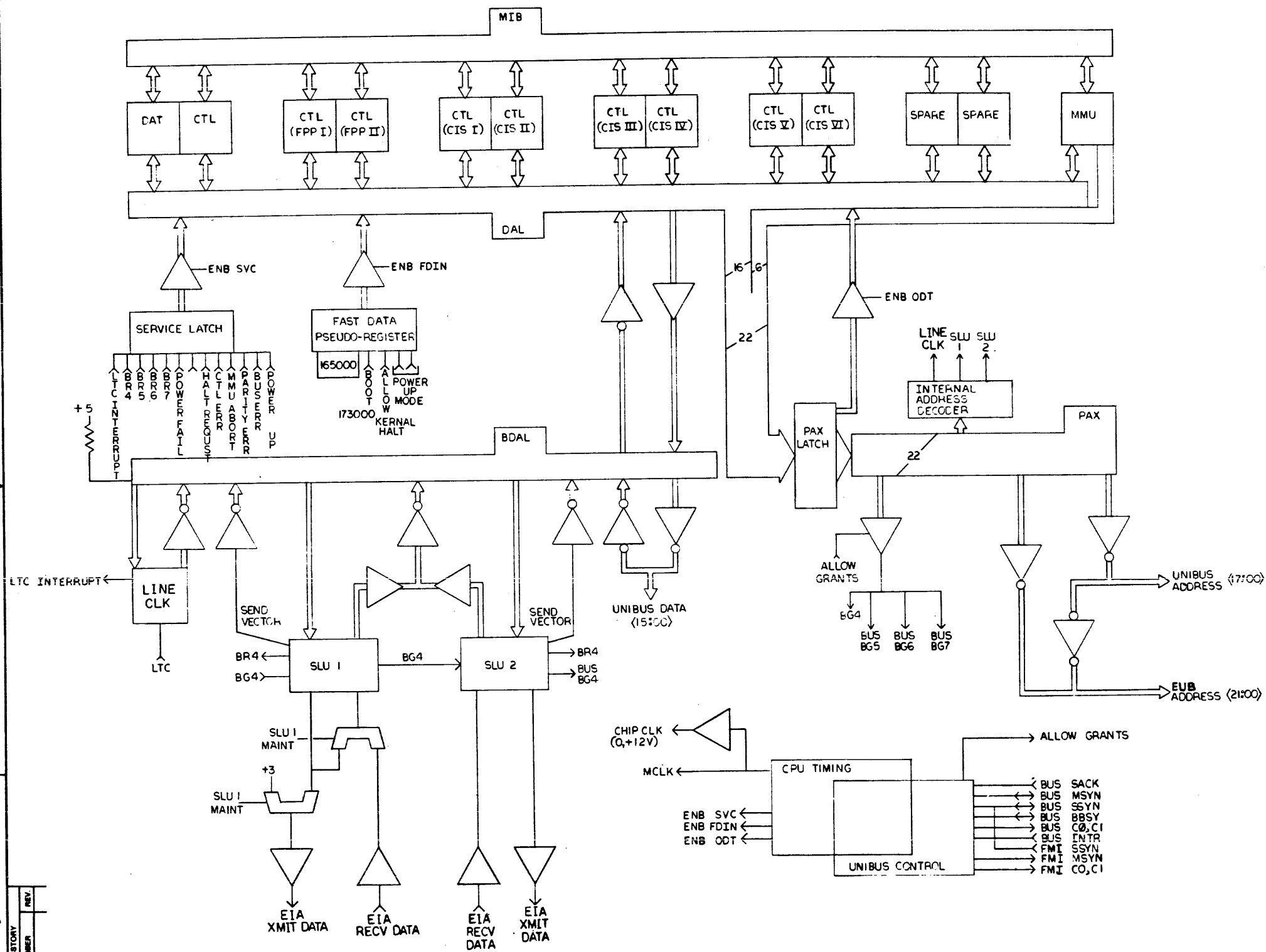
DRB 124

TW

DIGITAL EQUIPMENT CORPORATION PARTS LIST				QUANTITY / VARIATION										NOTES:							
MADE BY A. ROCHA DATE 11 DECEMBER 80		CHECKED DATE Ray Shuda 12/11/80		SECTION		KDF11-UA															
ENG DATE Ray Shuda 12/11/80		PROD DATE Ray Shuda 12/11/80		ISSUED SECTION																	
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION																		
1.	B-PL-KDF11-UA-4	M7133	CPU MODULE	I																	
2.			SHIPPING LIST	REF																	
E.C.O. NO.																					
"THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1980 DIGITAL EQUIPMENT CORPORATION"				TITLE PARTS LIST				ASSY NO. SHEET 1 OF 1				SIZE B CODE PL		NUMBER KDF11-UA-0			REV. A				
												INSERTION PARTS LIST DATA BASE REV									

TW

THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION.
COPYRIGHT © 1980, DIGITAL EQUIPMENT CORPORATION



DESIGNED BY G. GRAVES	DATE 28 APR 80	TITLE digital
CHECKED BY R. BRUNN	DATE 15 JAN 81	DATA PATHS BLOCK DIAGRAM (M7133)
DESIGNED BY R. BRUNN	DATE 15 JAN 81	DOCUMENT NUMBER
DESIGNED BY R. BRUNN	DATE 1/15/81	SCALE NONE
DESIGNED BY R. BRUNN	DATE 1/15/81	SHEET 1 OF 1
DESIGNED BY R. BRUNN	DATE 1/15/81	1 TW

DRAWING DIRECTORY

REFER TO PRINT SET #MP01028

UNIT VARIATIONS

[illegible][illegible]

DIGITAL EQUIPMENT CORPORATION PARTS LIST

QUANTITY / VARIATION

NOTES:

MADE BY A. ROCHA
DATE 11 DECEMBER 80

CHECKED	R. Souda
DATE	1-15-81

SECTION

ENG *R. Smith*
DATE *1-15-61*

PROD	A. Sunda
DATE	1-15-61

ISSUED SECTION

ITEM
NO.

DRAWING NO.

PART NO.

DESCRIPTION

KDF11-4A

REF DESIGNATION

1	D-BD-KDF11-UA-1	KDF11-UA-1	BLOCK DIA KDF11
2	D-UA-M7133-0-0	M7133	CPU Module
3	K-GL-KDF11-UA-2	KDF11-UA-2	OPTION.TXT
4		ZJ013	LIBKIT (CPU 11/24)

1
1
1
REF

E.C.O. NO.

"THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1980 DIGITAL EQUIPMENT CORPORATION"

TITLE

16 BIT F11 UBUS
PROC. (M7133) SHIP LIST

ASSY NO.	
----------	--

B-DD-KDF11-UA-0

	SIZE
--	------

B

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

PL

NUMBER

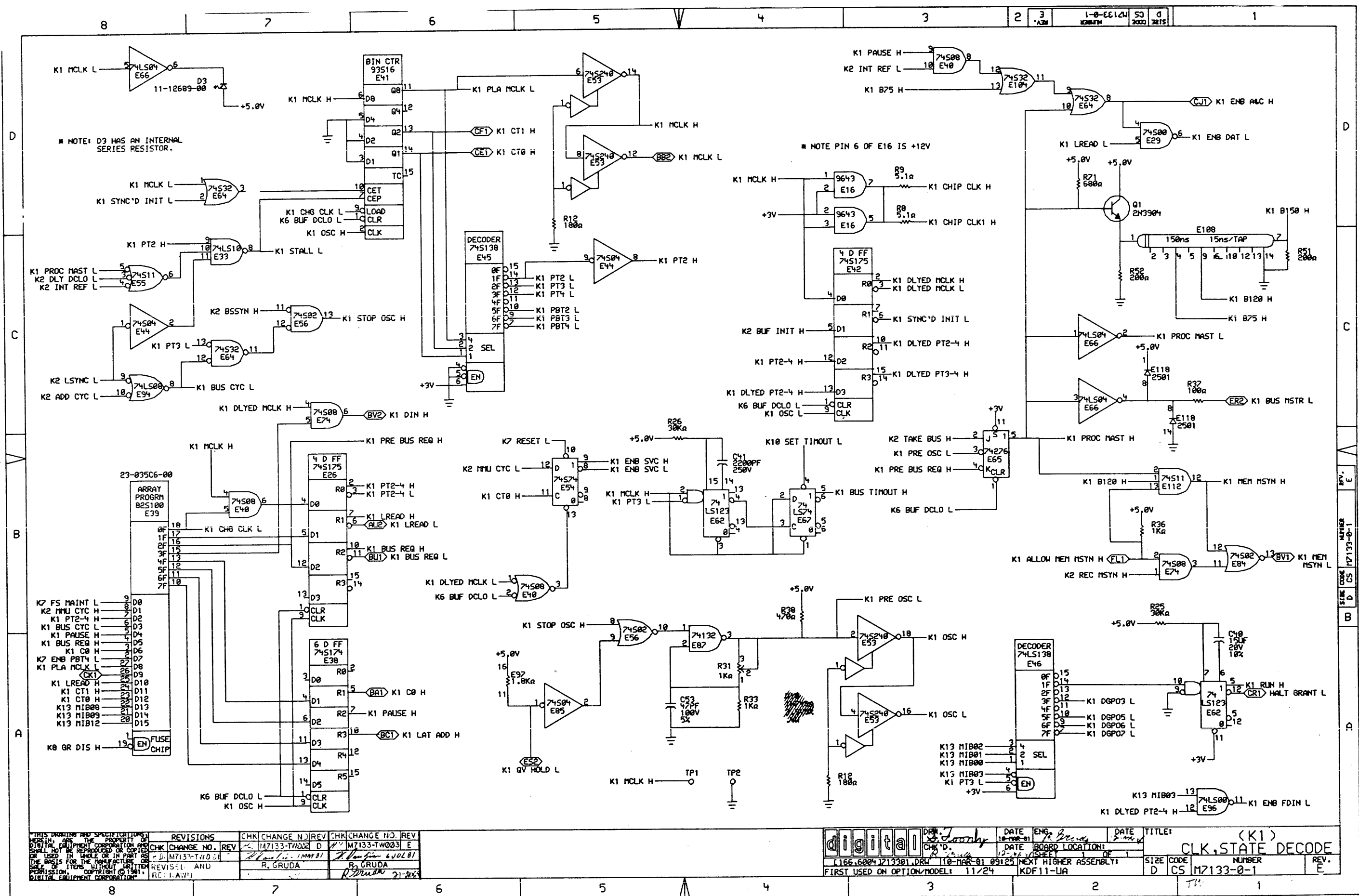
KDF11-UA-4

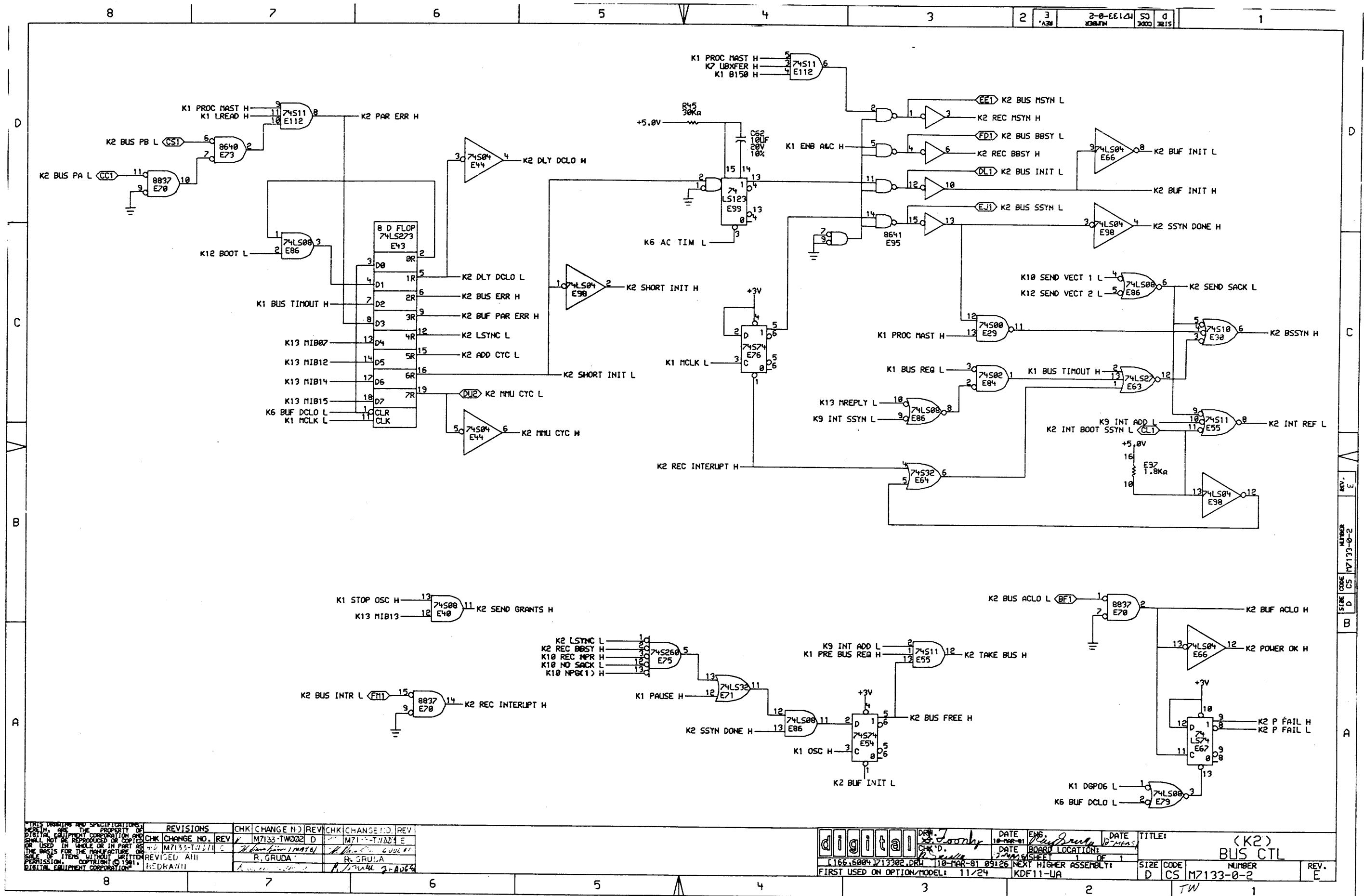
REV.

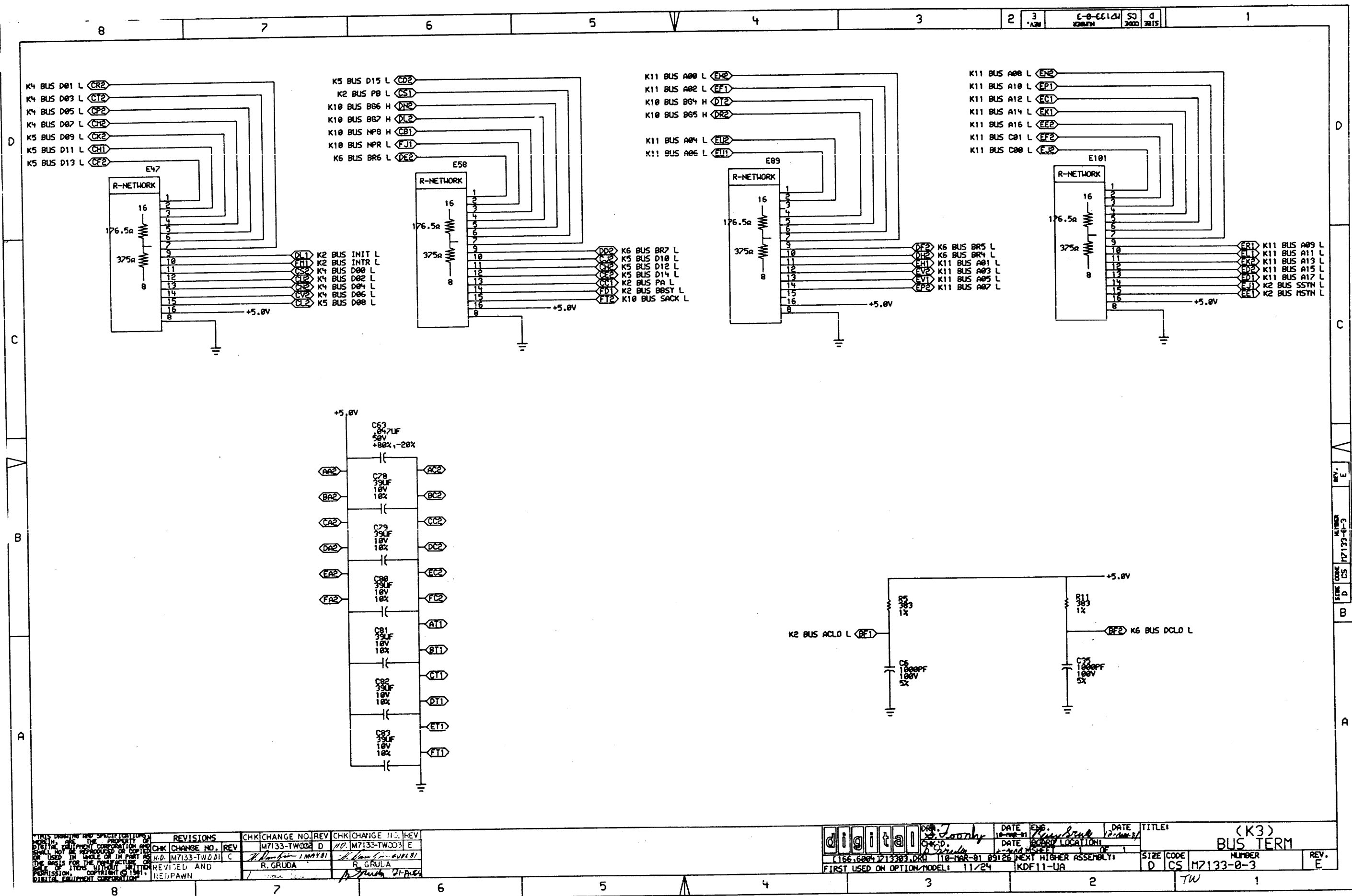
A

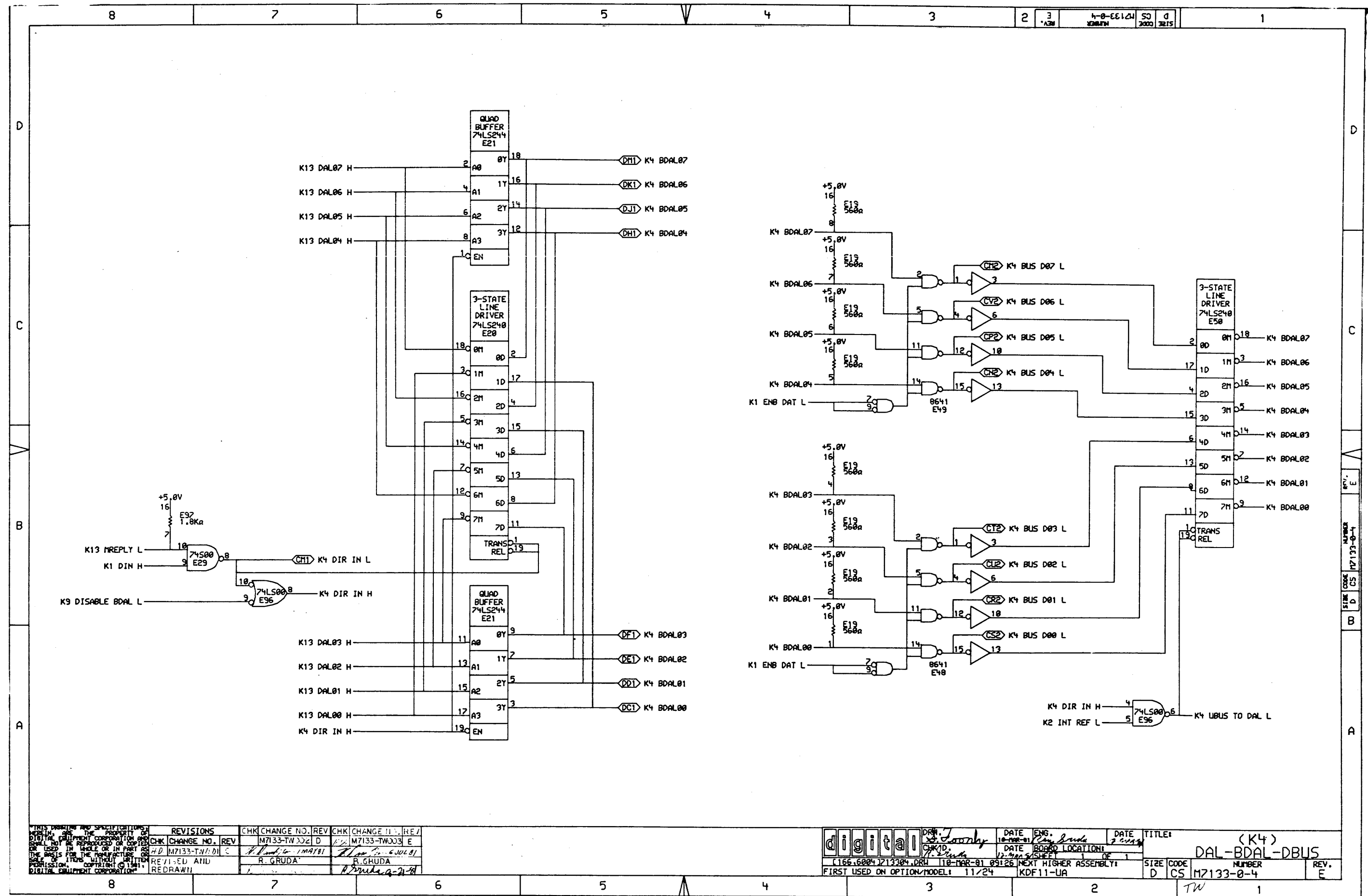
SHEET 1 OF 1

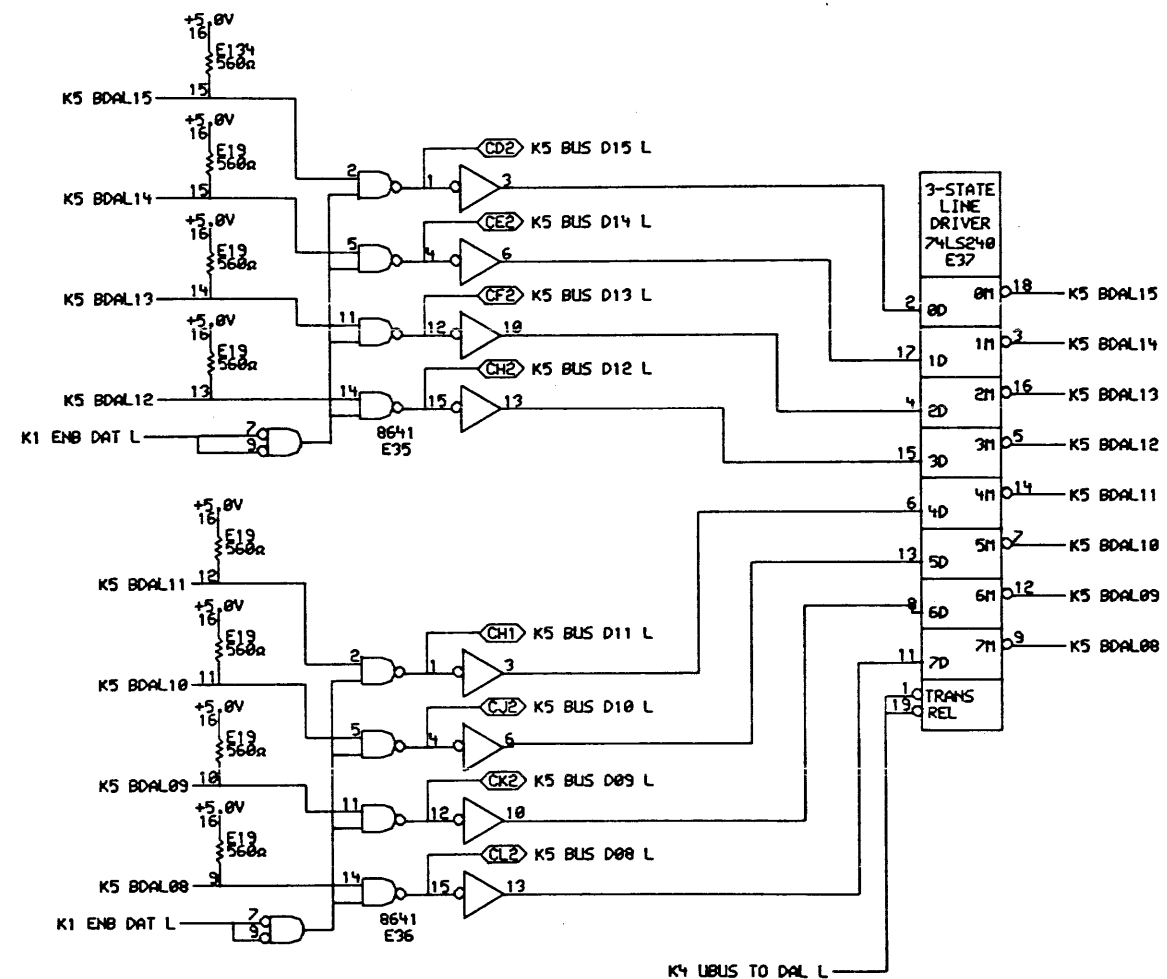
INSERTION PARTS LIST DATA BASE REV



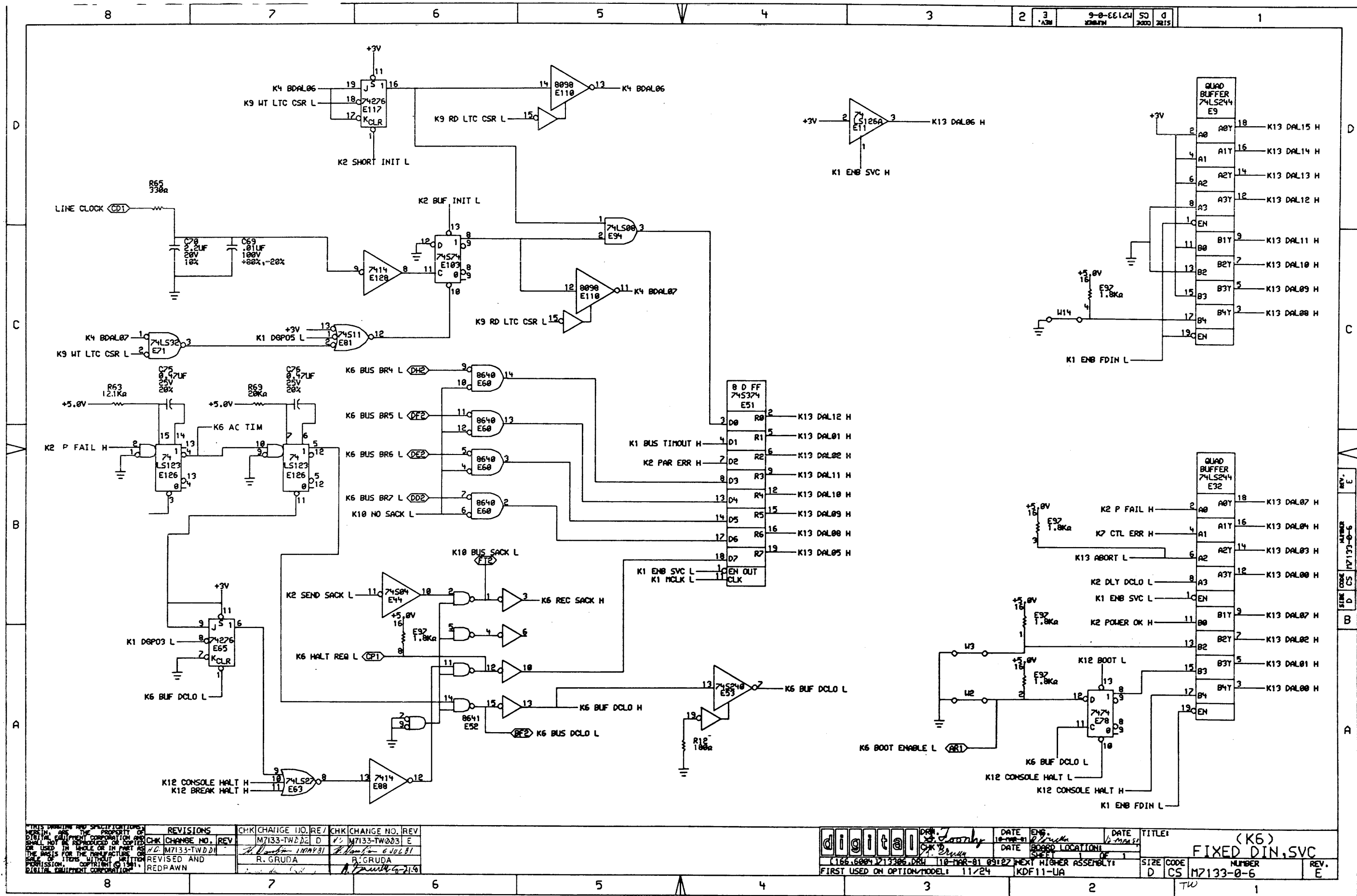






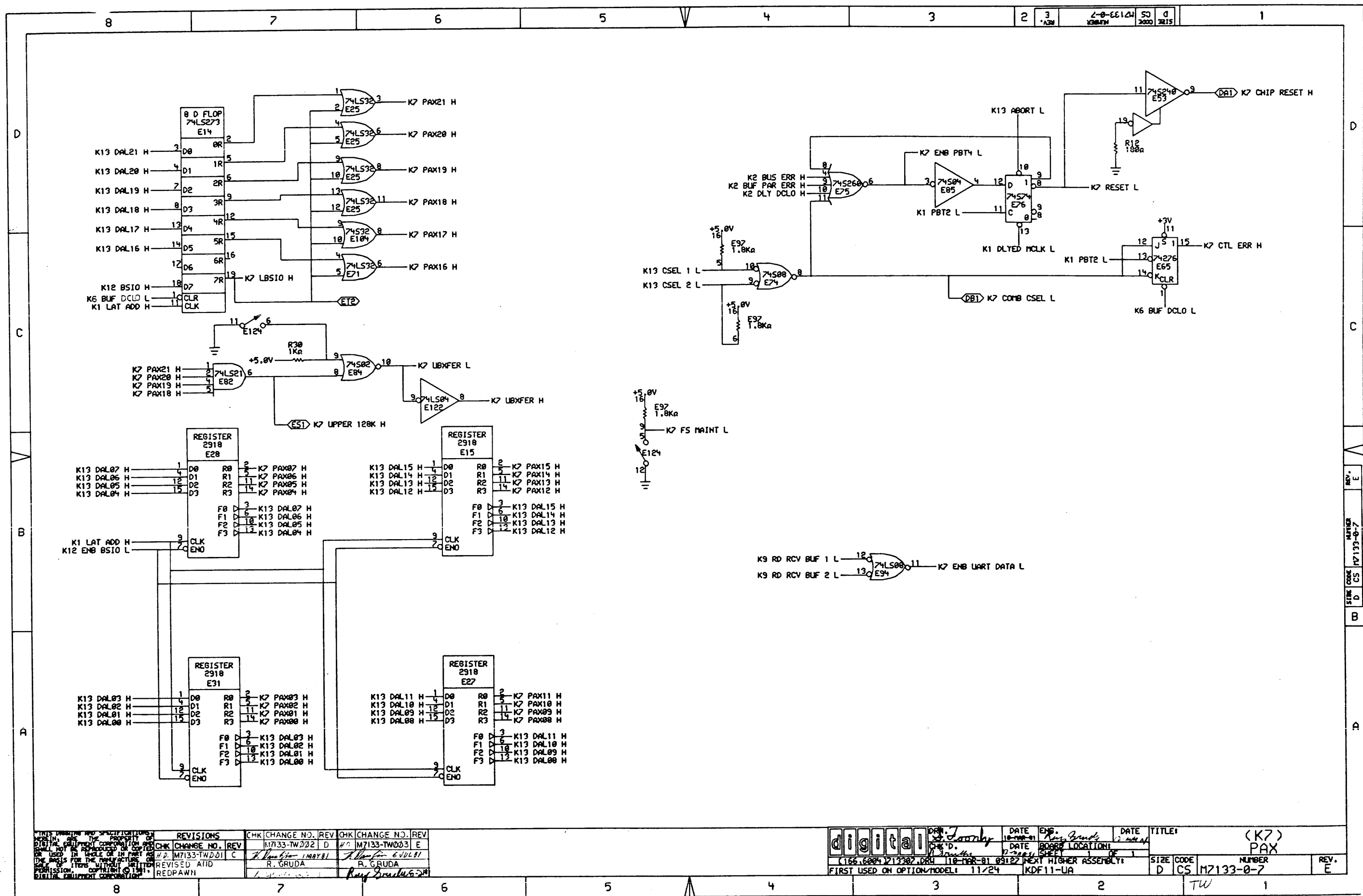


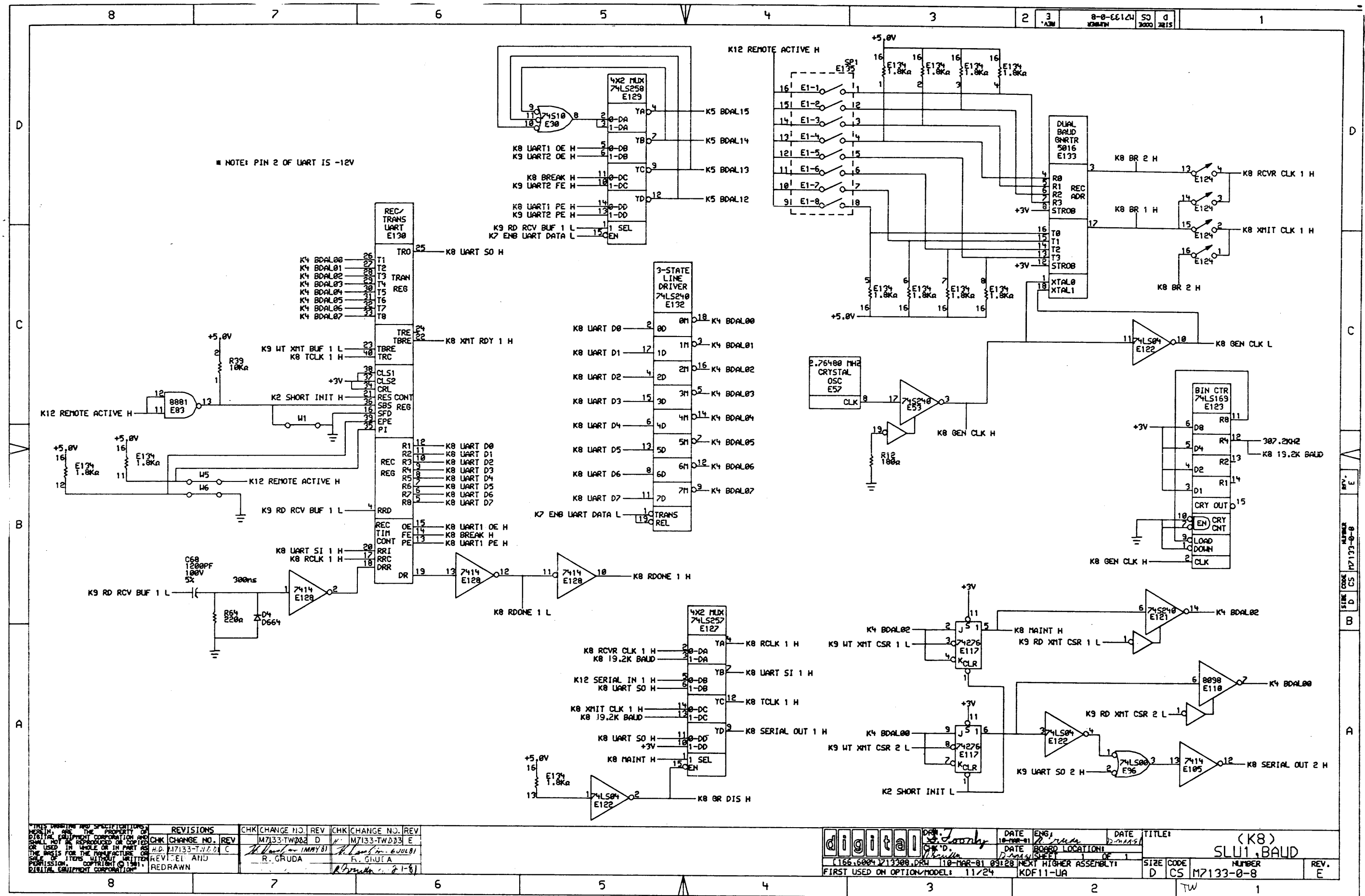
digitai	DRG. <i>J. J. J.</i>	DATE <i>10-10-81</i>	ENG. <i>R. J. J.</i>	DATE <i>6-MAR-81</i>	TITLE: <i>(K5)</i>
	CHK'D. <i>R. J. J.</i>	DATE <i>10-10-81</i>	BOARD LOCATION: <i>1</i>	SHEET <i>1</i> OF <i>1</i>	<i>DAL-BDAL-DBUS</i>
C166-60 M713305.DRW 10-MAR-81 09:27 NEXT HIGHER ASSEMBLY FIRST USE ON OPTION/MODEL: 11/24 KDF11-UA					SIZE CODE NUMBER REV. D CS M7133-0-5 E

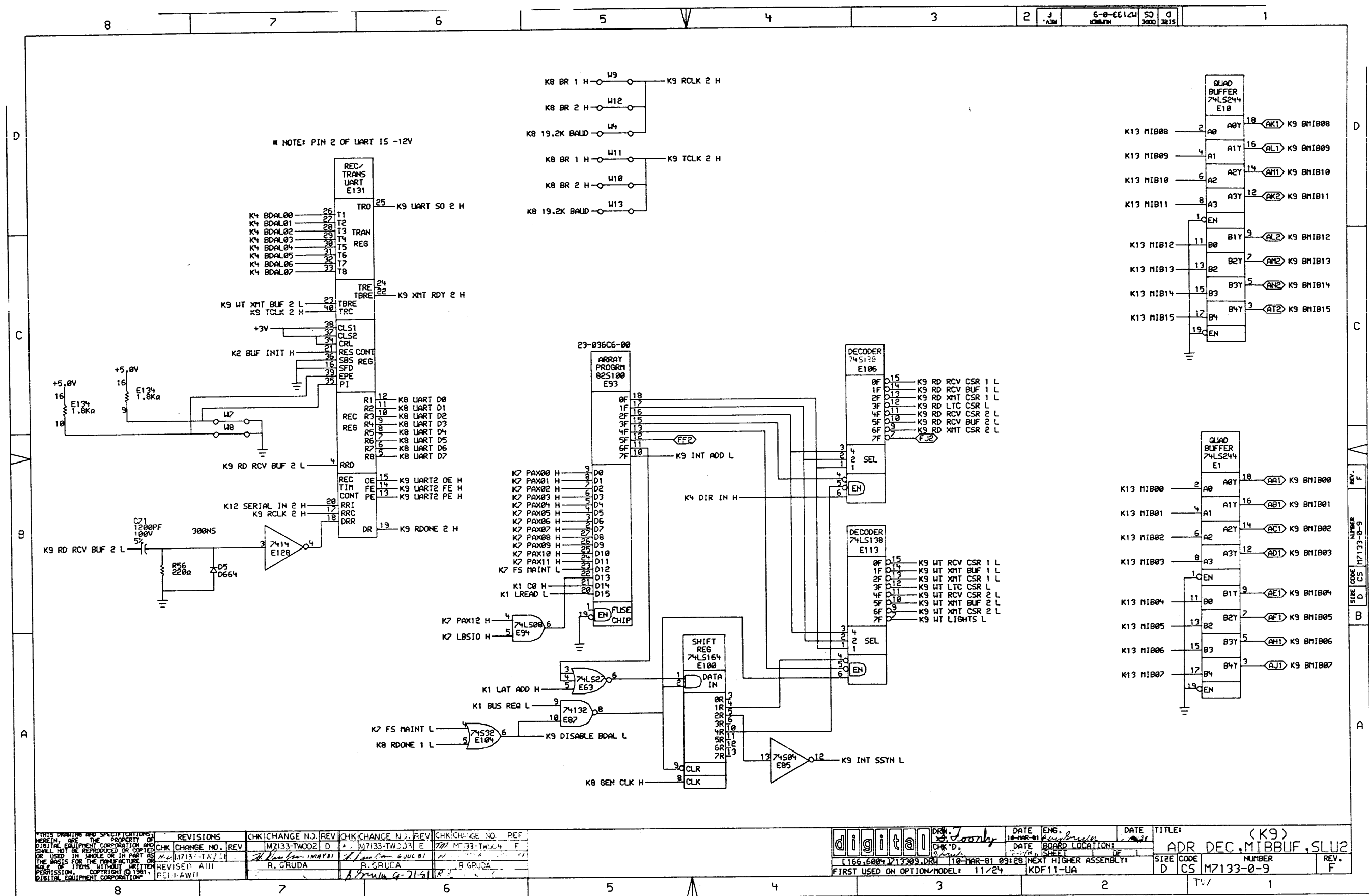


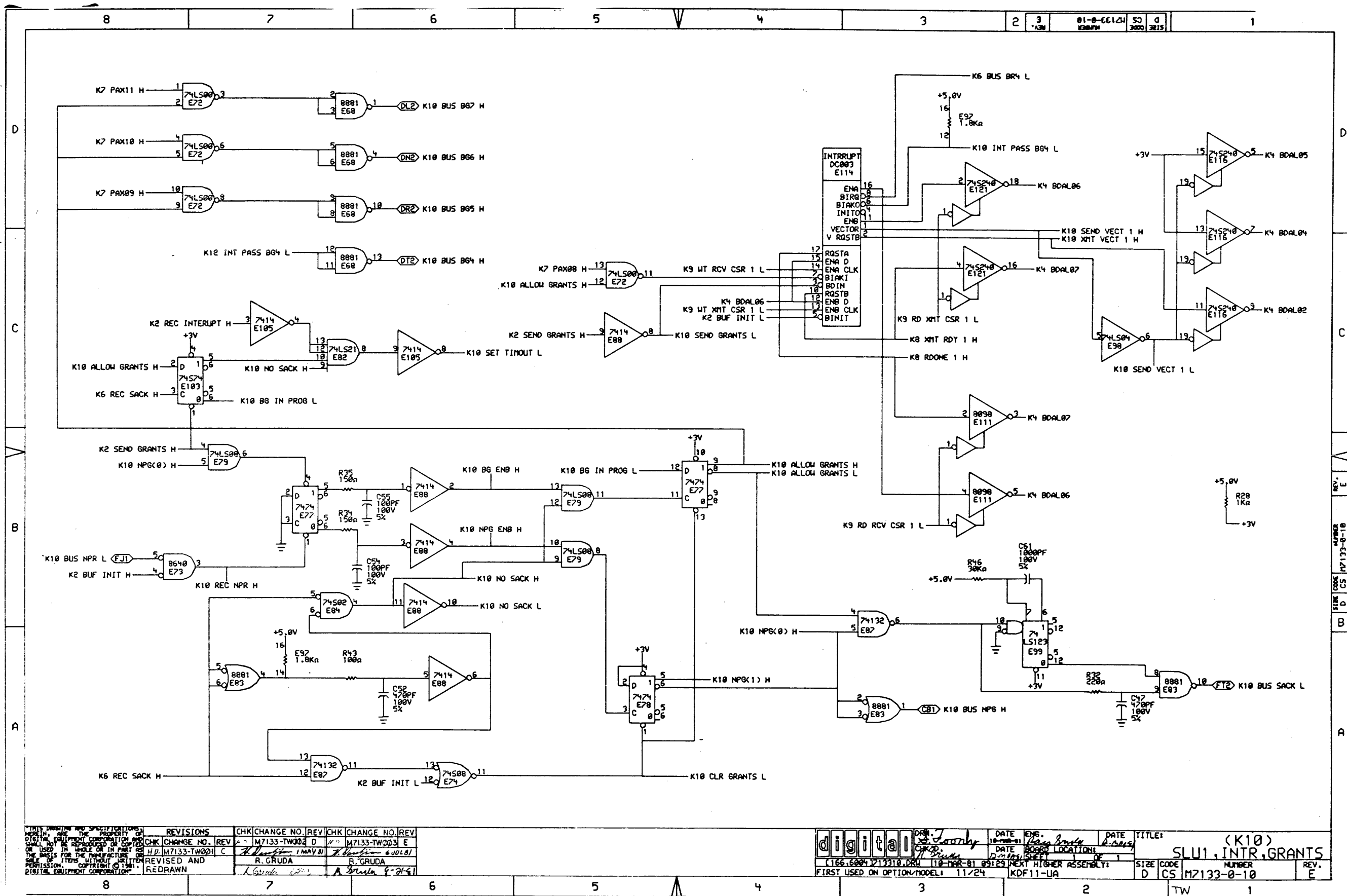
REV	CHG	NO	REV	CHG	NO	REV
1	1	1	1	1	1	1
2	2	2	2	2	2	2
3	3	3	3	3	3	3
4	4	4	4	4	4	4
5	5	5	5	5	5	5
6	6	6	6	6	6	6
7	7	7	7	7	7	7
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10

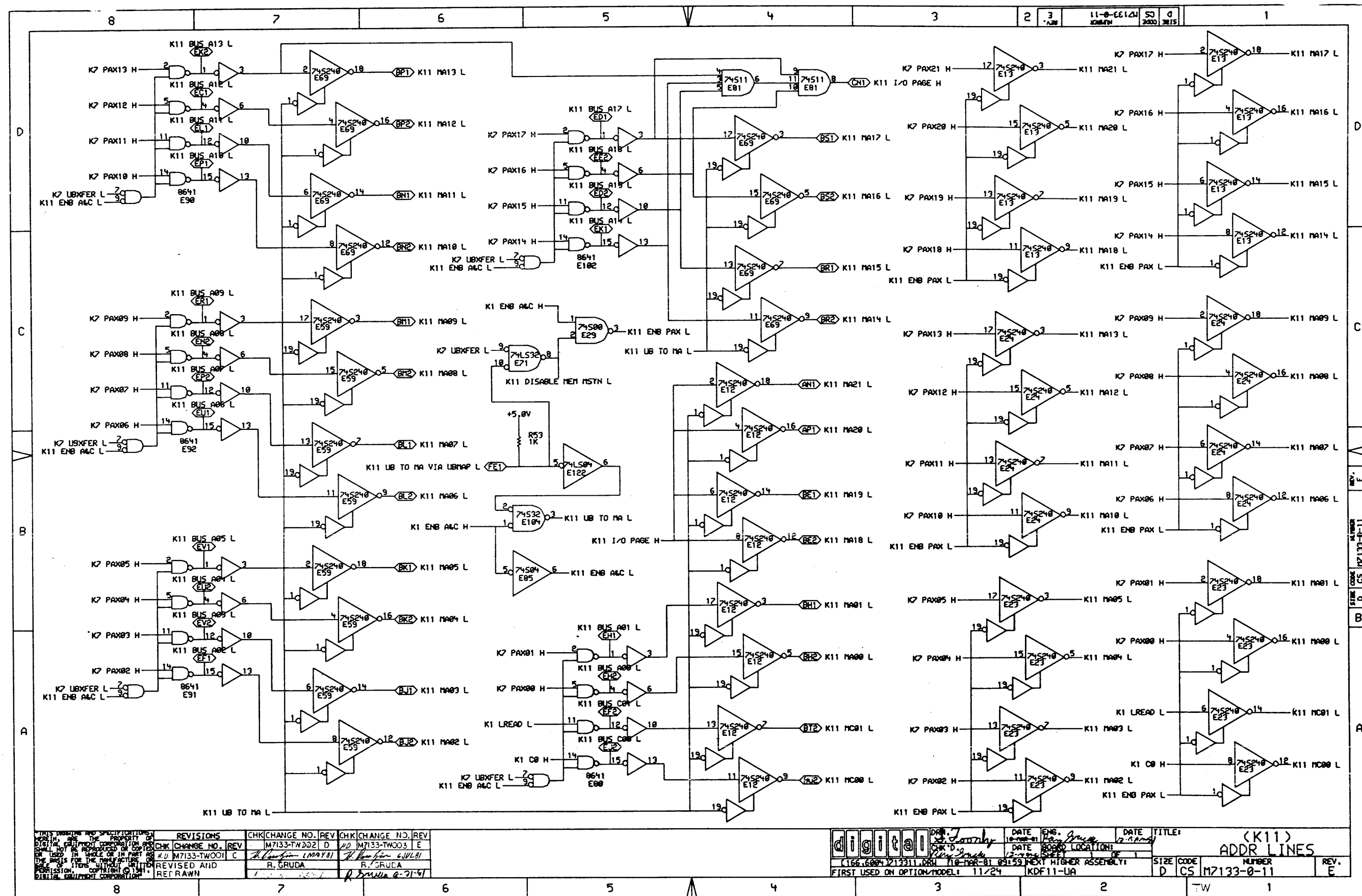
REV	CHG	NO	REV	CHG	NO	REV
1	1	1	1	1	1	1
2	2	2	2	2	2	2
3	3	3	3	3	3	3
4	4	4	4	4	4	4
5	5	5	5	5	5	5
6	6	6	6	6	6	6
7	7	7	7	7	7	7
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10

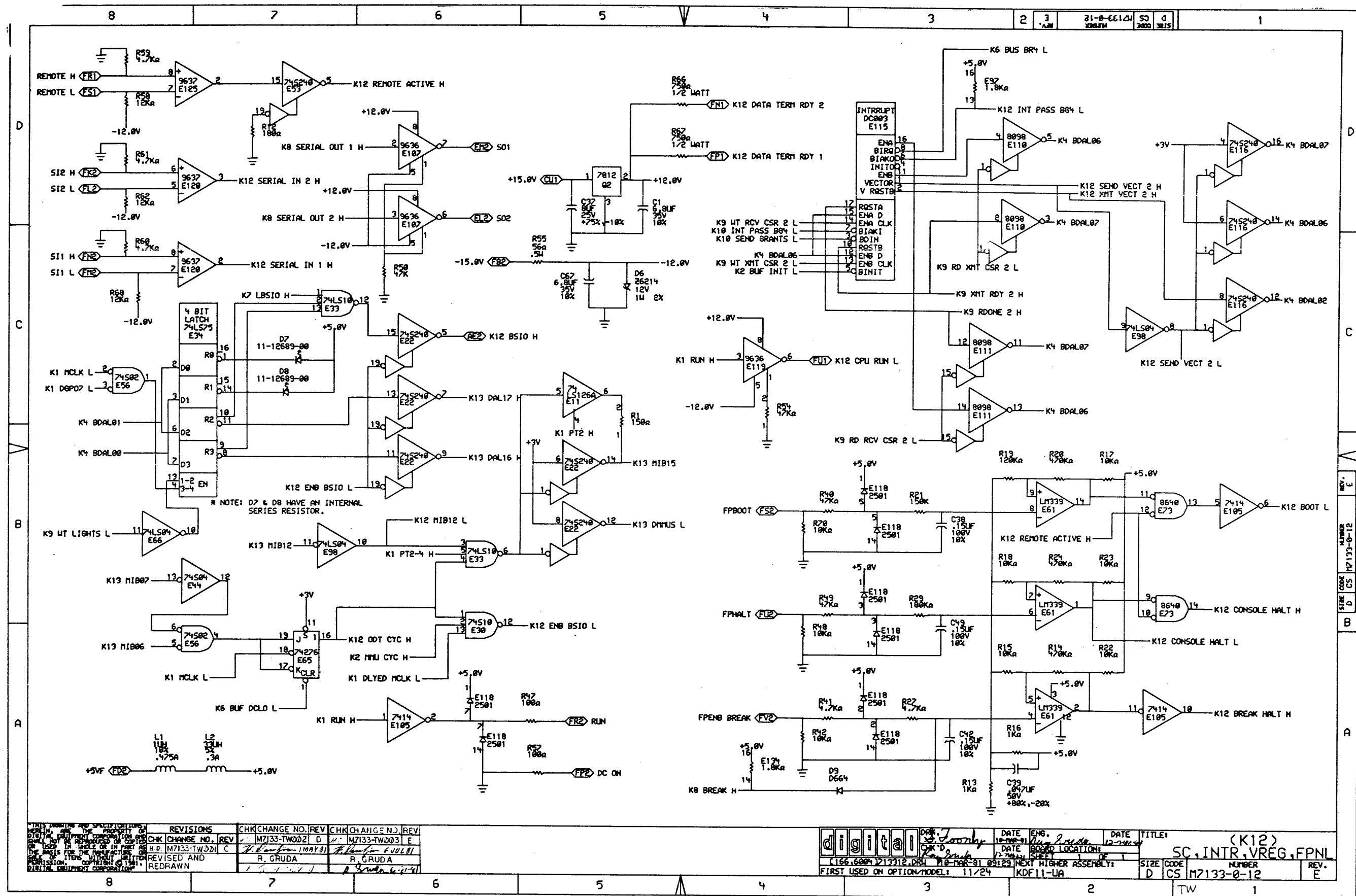


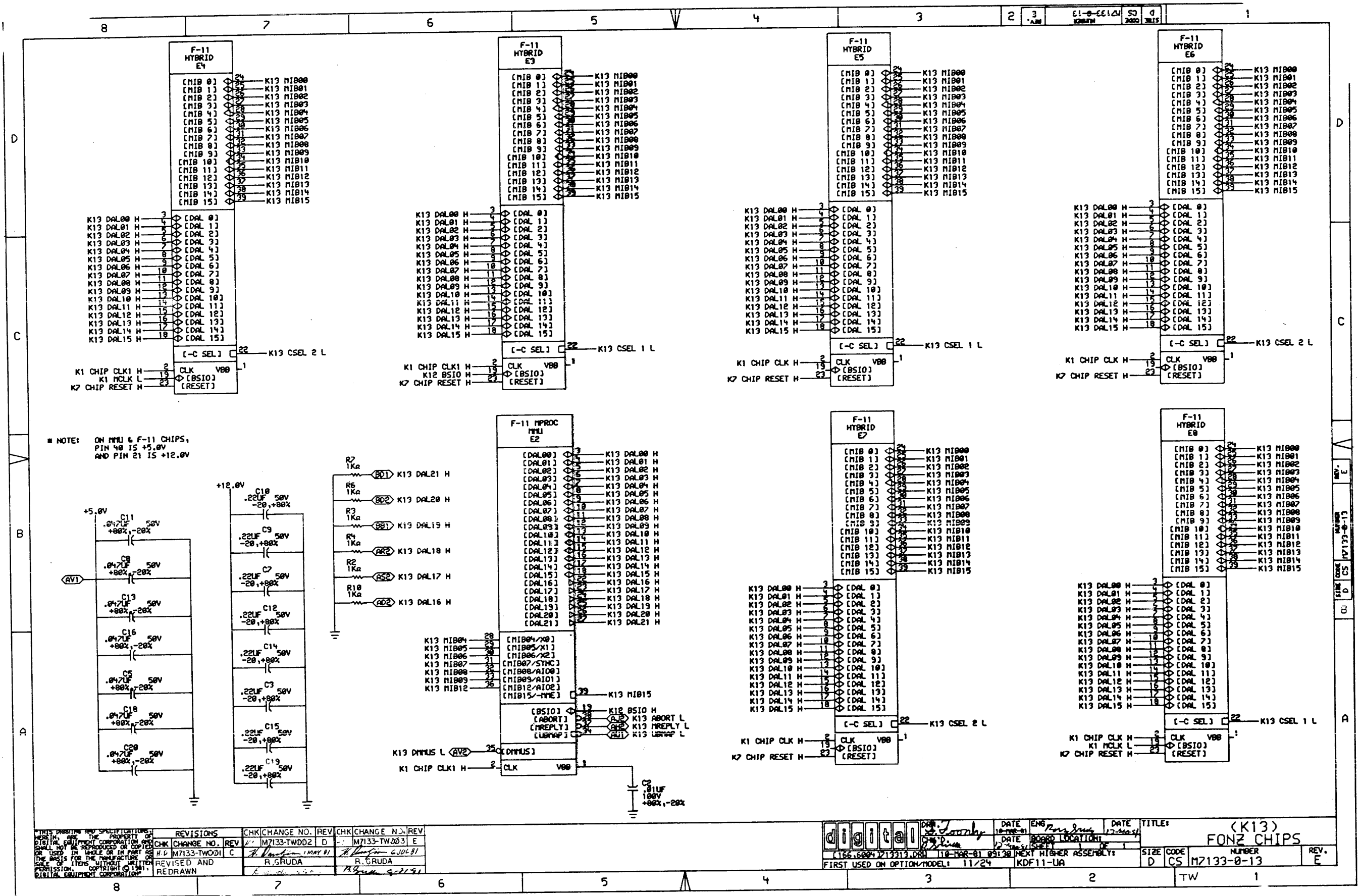












BAUD RATES

THERE ARE TWO SIMULTANEOUS BAUD RATES AVAILABLE.
BAUD RATE 1 IS SELECTED USING SWITCHES 5,6,7,& 8 OF E135.
BAUD RATE 2 IS SELECTED USING SWITCHES 1,2,3,& 4 OF E135.
BOTH ARE ACCORDING TO THE SWITCH SETTING PATTERN SHOWN BELOW.

SWITCH E135				
BAUD RATE 1 (K8 BR1)	5	6	7	8
BAUD RATE 2 (K8 BR2)	1	2	3	4
BAUD RATE 1	50	ON	ON	ON
75	ON	ON	ON	OFF
110	ON	ON	OFF	ON
134.5	ON	ON	OFF	OFF
150	ON	OFF	ON	ON
200	ON	OFF	ON	OFF
300	ON	OFF	OFF	ON
600	ON	OFF	OFF	OFF
1200	OFF	ON	ON	ON
1800	OFF	ON	ON	OFF
2000	OFF	ON	OFF	ON
2400	OFF	ON	OFF	OFF
3600	OFF	OFF	ON	ON
4800	OFF	OFF	ON	OFF
9600	OFF	OFF	OFF	ON
19200	OFF	OFF	OFF	OFF

(IF REMOTE ACTIVE H IS ASSERTED, THEN 19200 IS ANY SETTING.)

SLU 1/SLU 2 BAUD RATE SELECTION

SLU 1

SWITCH E124				
1	2	3	4	
TXMIT RATE (K8 TXMIT CLK 1)				
BAUD RATE 1	OFF	ON	---	---
BAUD RATE 2	ON	OFF	---	---
RCVR RATE (K8 RCVR CLK 1)				
BAUD RATE 1	---	---	ON	OFF
BAUD RATE 2	---	---	OFF	ON

SLU 2

JUMPERS						
W4	W9	W10	W11	W12	W13	
TXMIT RATE (K9 TXCLK 2)						
BAUD RATE 1	---	---	OUT	IN	---	OUT
BAUD RATE 2	---	---	IN	OUT	---	OUT
19.2K BAUD	---	---	OUT	OUT	---	IN
RCVR RATE (K9 RCLK 2)						
BAUD RATE 1	OUT	IN	---	---	OUT	---
BAUD RATE 2	OUT	OUT	---	---	IN	---
19.2K BAUD	IN	OUT	---	---	OUT	---

ODD/EVEN PARITY; STOP BITS

SLU 1				SLU 2			
W5	W6	W7	W8	W1	W2	W3	W4
ODD PARITY	---	IN	---	---	IN	---	---
EVEN PARITY	---	OUT	---	---	OUT	---	---
PARITY ENABLED	IN	---	---	IN	---	---	---
PARITY DISABLED	OUT	---	---	OUT	---	---	---
ONE STOP BIT	IN	---	---	---	---	---	---
TWO STOP BIT	OUT	---	---	---	---	---	---

(REMOTE ACTIVE H DEFAULTS TO ONE STOP BIT)

= NOTE: IF M9312 IS PRESENT,
M9312 S1-2 MUST BE OFF.

CLOCK SETUP PROCEDURE

1. PUT PROBE ON K1 NCLK L AT PIN 882
2. PUT MACHINE IN WAIT LOOP.
3. ADJUST POTENTIOMETER R31 WITH SCREWDRIVER UNTIL K1 NCLK L HAS A PERIOD OF 300ns.

SWITCH

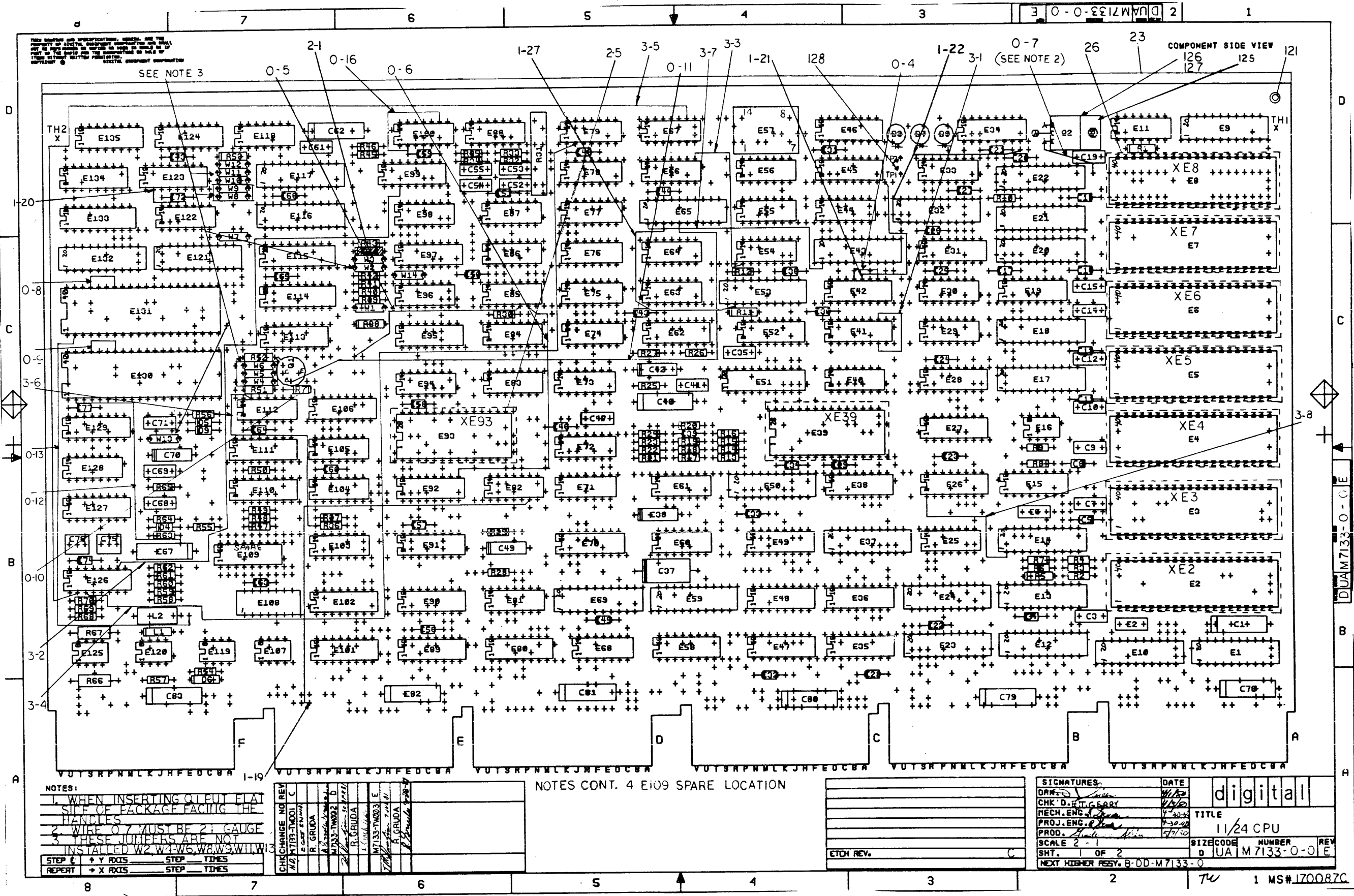
E124	5	ON	ENABLE FIELD SERVICE MAINT L
		OFF	NO FS MAINT
E124	6	ON	NO EFFECT ON UBXFER
		OFF	FORCES UBXFER L

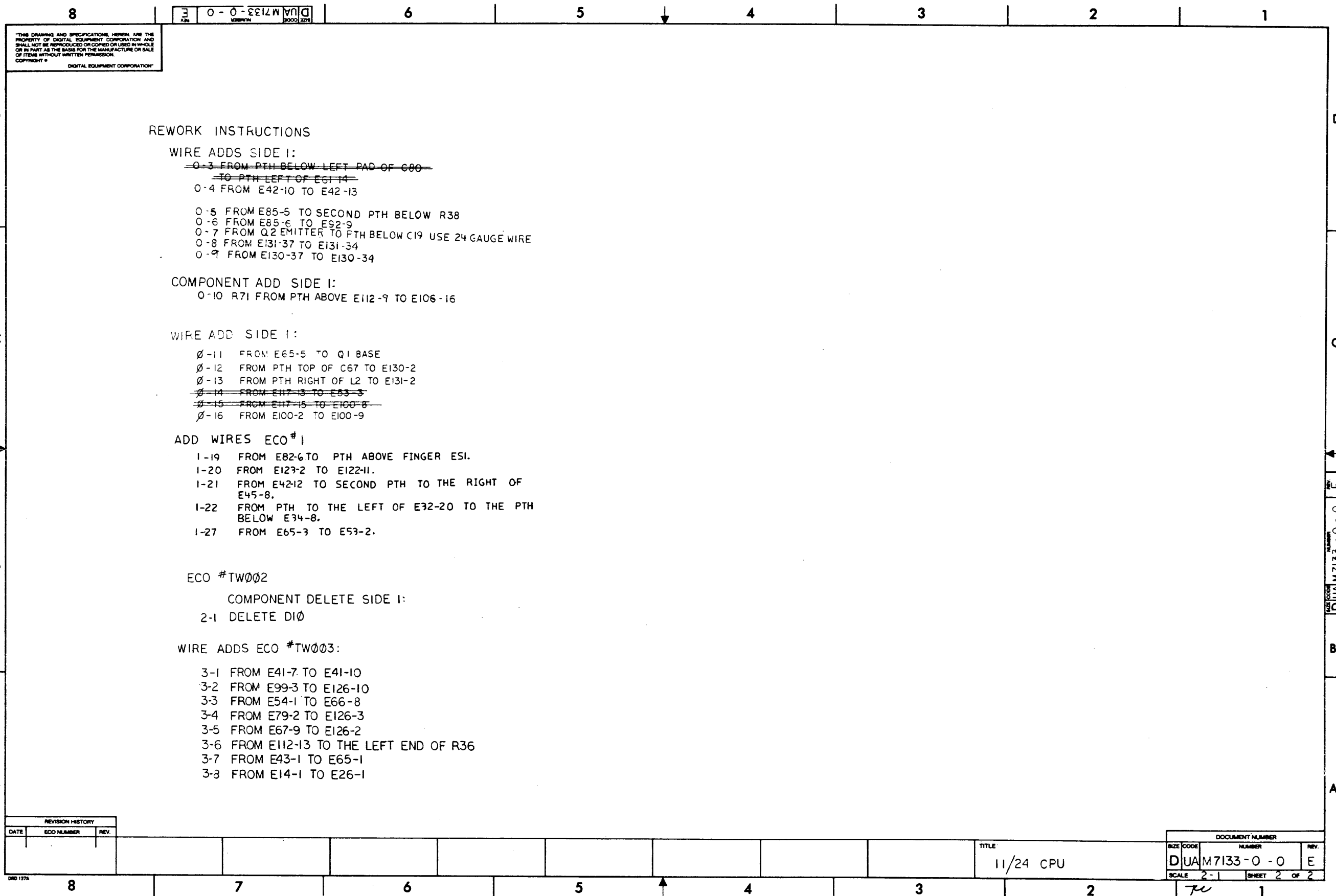
JUMPERS

POWER UP TO:	W14
165000	IN
173000	OUT
ALLOW HALTS	W3
KERNEL HALT TRAPS TO 10	IN
	OUT
BOOT ON POWER UP	W2
POWER UP VIA 24	IN
	OUT

REV	CHK	CHANGE NO.	REV	CHK	CHANGE NO.	REV
1		M7133-TW002	D		M7133-TW003	E
2		M7133-TW001	C		M7133-TW001	C
		R. GRUDA			R. GRUDA	
		REVISOR			REDRAWN	

digital	DATE	ENG.	DATE	TITLE:
11/24	10-10-81	10-10-81	10-10-81	(K14) SW, JMPR, CLK SETTINGS
1155.6004.212314.DRL	10-10-81	09120	10-10-81	1
FIRST USED ON OPTION/MODEL:	11/24	KDF11-LA		
SIZE	CODE	NUMBER	REV.	
D	CS	M7133-0-14	E	





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

REWORK INSTRUCTIONS

WIRE ADDS SIDE 1:

- ~~0-3 FROM PTH BELOW LEFT PAD OF C80~~
- ~~TO PTH LEFT OF E61-14~~
- 0-4 FROM E42-10 TO E42-13
- 0-5 FROM E85-5 TO SECOND PTH BELOW R38
- 0-6 FROM E85-6 TO E92-9
- 0-7 FROM Q2 EMITTER TO PTH BELOW C19 USE 24 GAUGE WIRE
- 0-8 FROM E131-37 TO E131-34
- 0-9 FROM E130-37 TO E130-34

COMPONENT ADD SIDE 1:

- 0-10 R71 FROM PTH ABOVE E112-9 TO E106-16

WIRE ADD SIDE 1:

- Ø-11 FROM E65-5 TO Q1 BASE
- Ø-12 FROM PTH TOP OF C67 TO E130-2
- Ø-13 FROM PTH RIGHT OF L2 TO E131-2
- ~~Ø-14 FROM E17-13 TO E53-3~~
- ~~Ø-15 FROM E17-15 TO E100-8~~
- Ø-16 FROM E100-2 TO E100-9

ADD WIRES ECO #1

- 1-19 FROM E82-6 TO PTH ABOVE FINGER E51.
- 1-20 FROM E123-2 TO E122-11.
- 1-21 FROM E42-12 TO SECOND PTH TO THE RIGHT OF E45-8.
- 1-22 FROM PTH TO THE LEFT OF E32-20 TO THE PTH BELOW E34-8.
- 1-27 FROM E65-3 TO E53-2.

ECO #TW002

COMPONENT DELETE SIDE 1:

- 2-1 DELETE DIØ

WIRE ADDS ECO #TW003:

- 3-1 FROM E41-7 TO E41-10
- 3-2 FROM E99-3 TO E126-10
- 3-3 FROM E54-1 TO E66-8
- 3-4 FROM E79-2 TO E126-3
- 3-5 FROM E67-9 TO E126-2
- 3-6 FROM E112-13 TO THE LEFT END OF R36
- 3-7 FROM E43-1 TO E65-1
- 3-8 FROM E14-1 TO E26-1

REVISION HISTORY		
DATE	ECO NUMBER	REV.

TITLE
11/24 CPU

DOCUMENT NUMBER		
SIZE CODE	NUMBER	REV.
D	UAM7133-0-0	E
SCALE	2-1	SHEET 2 OF 2

AUTOMATED BY FRTLST.3L(36)

P A R T S L I S T

SHEET A1 OF A4

LINE ITEM DOCUMENT NUMBER

PART NUMBER

DESCRIPTION

QTY PER VARIATION
00

REFERENCE DESIGNATOR

1000011-00	5013838-00	DRILL & ETCH BD	1	C53
1000016-00	1000011-00	47.0 MMF 100V 5%200PPM MICA	1	C54,C55
1002424-00	1000016-00	100.0 MMF 100V 5%200PPM MICA	1	C68,C71
1000024-00	1002424-00	1200.0 MMF 100V 5%200PPM MICA	1	C47,C52
1000042-00	1000024-00	470.0 MMF 100V 5%200PPM MICA	1	C6,C35,C61
1000055-00	1000042-00	1000.0 MMF 100V 5%200PPM MICA	1	C41
1000076-00	1000055-00	2200.0 MMF 250V 20% YSS DISC	1	C78-C83
1001610-01	1000076-00	39 MFD 10V 10% S.TANT	1	C2,C69
1002627-00	1001610-01	.01 MFD50/100V +80-20% DISC	1	C70
1004812-00	1002627-00	2.2MFD 20V 10% S.TANT	1	C40
1004813-00	1004812-00	15 MFD 20V 10% S.TANT	1	C62
1005306-00	1004813-00	10 MFD 20V 10% S.TANT	1	C1,C67
1010274-01	1005306-00	6.8MFD 35V 10% S.TANT	1	C3,C7,C9,C10,C12,C14,C19,C15
1010279-00	1010274-01	.22 MFD 50V +80-20% Z5U CER	1	C75,C76
1011895-00	1010279-00	.47 MFD 25V 20% CER	1	C38,C42,C49
1012084-01	1011895-00	.15 MFD 35V 10% S.TANT	1	C37
1012784-00	1012084-01	.8 MFD 25V +75-10% AL EL	1	C4,C5,C8,C11,C13,C16-C18
	1012784-00	.047 MFD 50V +80-20% CER	45	C20-C34,C36,C39,C43-C46,C48,C50, C51,C56-C59,C60,C63-C66,C72-C74, C77
			CONT	D4,D5,D9
			CONT	
			CONT	
1100114-00	1100114-00	D 664 QS\75PCB PIV= 25V SP	3	D6
			00	D3,D7,D8
1109502-01	1109502-01	Z 6214 VZ= 12.0 2% 1W	1	E124,E135
1112689-00	1112689-00	LED .8MCD@16MA VF=5V	1	XE39,XE93
1210711-02	1210711-02	/REPLACED BY 12-16988-02	1	XE2-XE8
1211164-04	1211164-04	SW,DIP 1P 1A 8POS	1	E97,E134
1215006-07	1215006-07	SKT,IC 28PIN DIP TIN PLATE	1	
1216116-00	1216116-00	SKT,IC 40PIN DIP GOLD PLATE	1	
1300005-11	1300005-11	R NETWORK 15-1.8K 5.0 % 16PIN	2	

REVISION HISTORY		BASIC PART NO: M7133		DRN: K.FRIEDGEN		DATE: 04-SEP-79		D I G I T A L	
ENG	ECO NUMBER	REV	SECTION A OF A	CHK'D: E.T.GERRY		DATE: 04-SEP-79		TITLE PARTS LIST	
---	INITIAL	B	SECTION VARIATION INDEX	DES.ENG: J.COOKIE		DATE: 04-SEP-79		11/24 CPU	
RG	M7133-TW001	[A]	00	RESP.ENG.: J.COOKIE		DATE: 04-SEP-79		DOCUMENT NUMBER	
RG	M7133-TW002	[B]		MFG.ENG.: G.ABREN		DATE: 7-MAY-80		SIZE: CODE: NUMBER REV	
RG	M7133-TW003	[C]		ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME: EDIT #	
RG	M7133-TW004	[D]		D-UA-M7133-0-0		B-DD-M7133-0-0		Z1265F.PLS 39	
		[E]							
		[F]							
		[G]							
		[H]							
		[I]							
		[J]							
		[K]							
		[L]							
		[M]							
		[N]							

"THIS DRAWING AND SPECIFICATIONS HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION.
COPYRIGHT (C) 1981. DIGITAL EQUIPMENT CORPORATION"

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY	PER VARIATION	REFERENCE DESIGNATOR
33	33		1300229-00	100.0 .25 W 5.0 % CC	5		R37, R43, R47, R57, R65
33	33		1300250-00	150.0 .25 W 5.0 % CC	3		R1, R34, R35
33	33		1300271-00	220.0 .25 W 5.0 % CC	3		R32, R56, R64
33	33		1300295-00	*** THIS ITEM IS NOT USED ***	1		R38
33	33		1300316-00	470.0 .25 W 5.0 % CC	1		R66, R67
33	33		1300354-00	750.0 .50 W 5.0 % CC	2		R2, R4, R6, R7, R10, R13, R16, R28, R30,
34	34		1300365-00	1.0 K .25 W 5.0 % CC	12	CONT	R33, R53
35	35		1300447-00	4.70 K .25 W 5.0 % CC	5		R59, R61, R27, R41
36	36		1300479-00	10.0 K .25 W 5.0 % CC	9	CONT	R15, R17, R18, R22, R23, R39, R42, R43,
37	37		1300488-00	12.0 K .25 W 5.0 % CC	3		R70
38	38		1300539-00	120.0 K .25 W 5.0 % CC	1		R58, R62, R68
39	39		1301322-00	180.0 .25 W 5.0 % CC	1		R19
40	40		1301424-00	680.0 .25 W 5.0 % CC	2		R12
41	41		1302177-00	47.0 K .25 W 5.0 % CC	4		R36, R71
42	42		1302388-00	*** THIS ITEM IS NOT USED ***	1		R40, R49, R50, R54
43	43		1302391-00	20.0 K .25 W 5.0 % CC	1		R69
44	44		1302394-00	30.0 K .25 W 5.0 % CC	4		R25, R26, R45, R46
45	45		1302396-00	150.0 K .25 W 5.0 % CC	1		R21
46	46		1302397-00	180.0 K .25 W 5.0 % CC	1		R29
47	47		1302398-00	470.0 K .25 W 5.0 % CC	3		R14, R20, R24
48	48		1303313-00	12.10 K .25 W 1.0 % RN55D-F10	1		R63
49	49		1305125-00	383.0 .25 W 1.0 % RN55D-F10	2		R5, R11
50	50		1309143-07	1.0 K .75 W 10.0 % POT	1		R31
51	51		1309422-00	5.10 .25 W 5.0 % CC	2		R8, R9
52	52		1311522-00	200.0 .25 W 5.0 % CC	2		R51, R52
53	53		1312628-00	R NETWORK 14-176.5 14-375 16PIN	2		E47, E101
54	54		1312628-01	R NETWORK 14-176.5 14-375 16PIN	2		E58, E89
55	55		1509524-00	2N 3904 NPN 310MW SI 40 40 M	1		Q1
56	56		1601562-00	1.0 UH 10% 475MA #001.00	1		L1
57	57		1601759-00	33 UH 5% 300MA	1		L2
58	58		1612463-00	DELAY= 150NS 10TAPS	1		E108
59	59		1811660-33	OSCILLATOR, XTAL 2.7648 MHZ	1		E57
60	60		1905547-00	7474 FF-D DUAL, EDGE TRIGG	2		E77, E78
61	61		1909705-00	DEC 8881 NAND GATE-QUAD 2IN 0	2		E68, E83
62	62		1910010-00	DEC 2501 16 DIODE ARRAY, CORE	1		E118
63	63		1912811-00	LS21 AND GATE-DUAL 4IN, PO	1		E82
64	64		1910532-00	74500 NAND GATE-QUAD 2IN	1		E29
65	65		1910534-00	74504 INVERTER GATE-HEX 1I	2		E44, E85
66	66		1910536-00	74510 NAND GATE-TRIPLE 3IN	1		E30
67	67		1910537-00	74511 AND GATE-TRIPLE 3INP	3		E55, E81, E112
68	68		1910544-00	74574 FF-D DUAL, EDGE TRIGG	3		E54, E76, E103
69	69		1910550-00	745174 FF-D HEX	1		E38
70	70		1910957-00	745175 FF-D QUAD COMMON CLO	2		E26, E42
71	71		1911116-00	DEC 8837 RECEIVER, BUS, HEX, UN	1		E70
72	72		1911324-00	7414 INVERTER, HEX 1IN SCH	3		E88, E105, E128
73	73		1911469-00	DEC 8640 RECEIVER, BUS, QUAD, U	2		E60, E73

D	I	G	I	T	A	L	TITLE	11/24 CPU	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	M7133-0-DBP	F

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY	PER VARIATION	REFERENCE DESIGNATOR
					GO		
74	74		1911579-00	8641 TRANSCEIVER,BUS,QUA	11		E35,E36,E48,E49,E52,E30,E90-E92, CONT E95,E102
75	75		1911637-00	74132 NAND GATE-QUAD 2 IN	1		E87
76	76		1911675-00	745138 DECODER/DEMUX 3-8 LIN	2		E45,E106
77	77		1912048-05	7812 VOLT REG.FIX +12V	1		Q2
78	78		1912108-00	339 VOLT CMPRTR,QUAD	1		E61
79	79		1912388-00	74502 NOR GATE-QUAD 2IN,PO	2		E56,E84
80	80		1912388-00	74506 AND GATE-QUAD 2IN,PO	2		E40,E74
81	81		1912647-00	LS257 MUX 1 OF 2 (QUAD)	1		E127
82	82		1912649-00	LS75 LATCH 4BIT,BISTABLE	1		E34
83	83		1912730-00	DC 003 INTERRUPT,2 CIRCUIT	2		E114,E115
84	84		1912799-00	LS00 NAND-GATE-QUAD 2IN,P	2		E72,E96
85	85		1912803-00	74LS04 INVERTER GATE,HEX	3		E66,E98,E122
86	86		1912805-00	LS08 AND GATE-QUAD 2IN,PO	3		E79,E86,E94
87	87		1912807-00	LS10 NAND GATE-TRIPLE 3IN	1		E33
88	88		1912813-00	LS27 NOR GATE-TRIPLE 3IN	1		E63
89	89		1912816-00	LS32 OR GATE-QUAD 2IN,POS	2		E25,E71
90	90		1912824-00	LS74 FF-D DUAL EDGE TRIGG	1		E67
91	91		1912837-00	LS123 ONE SHOT-DUAL,RETRIG	3		E62,E99,E126
92	92		1912842-00	LS138 DECODER-THREE INPUT	2		E46,E113
93	93		1912850-00	LS164 SHIFT REG. 8BIT SERI	1		E100
94	94		1912851-00	LS169 COUNTER,SYNCH. UP/DO	1		E123
95	95		1912859-00	LS258 MUX 1 OF 2 (DUAL),	1		E129
96	96		1912863-00	LS273 FF-D OCTAL W/CLEAR	2		E14,E43
97	97		1913294-00	93S16 COUNTER,SYNCH UP BIN	1		E41
98	98		1913340-00	74S32 OR GATE-QUAD 2IN	2		E64,E104
99	99		1913462-00	74S240 OCTAL BUFFER,INVERTI	10		CONT E12,E13,E22-E24,E53,E69,E116, E121,E59
100	100		1913671-00	74S374 FF-D OCTAL TRISTATE	1		E51
101	101		1913777-00	LS240 DRIVER,LINE,OCTAL,T	5		E17,E20,E37,E50,E132
102	102		1914085-00	74S260 NOR GATE-DUAL,POS	1		E75
103	103		1914087-00	8098 BUFFER GATE-HEX 2IN,	2		E110,E111
104	104		1914845-00	2918 FF-D QUAD TRI-STATE	4		E15,E27,E28,E31
105	105		1915193-00	LS244 DRIVER,LINE,OCTAL,T	6		E18,E21,E1,E9,E10,E32
106	106		1915367-00	74276 FF-JK QUAD	2		E65,E117
107	107		1915415-00	9636 DRIVER,DUAL EIA RS-	2		E107,E119
108	108		1915416-00	9637 RECEIVER,DUAL,RS-42	2		E120,E125
109	109		1916028-01	9643 DRIVER,TTL TO MOS,D	1		E16
110	110		1916139-00	74LS126A DRIVER,BUS,QUAD	1		E11
111	111		2112623-02	DUAL BAUD RATE GEN/PROG DIVIDER	1		E133
112	112		2111450-00	UART 40K BAUD VARIATION OF 19-10	2		E130,E131
113	113		2115542-01	DC 304 F11 MMU,FLOAT PT REG	1		E2
114	114		2306406-00	C6-01	1		E39
115	115		2305506-00	C6-01	1		E93
116	116		5700000-01	DAT/CTL HYBRID ASSY W/FP,DCF11-A	1		E3
117	121		9000024-01	EYELET,ROLL FLANGE .1210DX.192	12		
118	122		9009185-00	JUMPER,WIRE,INSULATED,BLACK 8	5		W1,W3,W10,W12,W14
119	124		1300005-10	R NETWORK 15-560 5.0 % 16PIN	1		E19

D	I	G	I	T	A	L	TITLE	11/24 CPU	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	M7133-0-DBP	F

AUTOMATED BY PRTLST.3L(36)

PARTS LIST

SHEET A4 OF A4

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION 00	REFERENCE DESIGNATOR
120	125		7414765-00	HEATSINK	1	
121	126		9006010-01	SCREW,PAN,PHIL 4-40X 5/16 SS	1	
122	127		9008268-00	COMPOUND, THERMAL JOINT	1	
123	128		9009149-00	PIN, STAKING, P.C. BOARD, .025 X	2	TP1,TP2
124	129		9105740-55	WIRE(WRAP)30AWG UL1423	A/R	
125	130		9107688-55	WIRE(WRAP)24AWG UL1327	A/R	
126	131		1309995-00	56.0 .50 W 5.0 % CC	1	R55

D	I	G	I	T	A	L	TITLE	11/24 CPU	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	M7133-0-DBP	F

1 MS# 170164A

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

DUA G7273-0-0 *

G7273 5013871A

G7273 5013871A

digital

digital

SIDE 1

SIDE 1

CS*ABCDEFGHIJKL

CS*ABCDEFGHIJKL

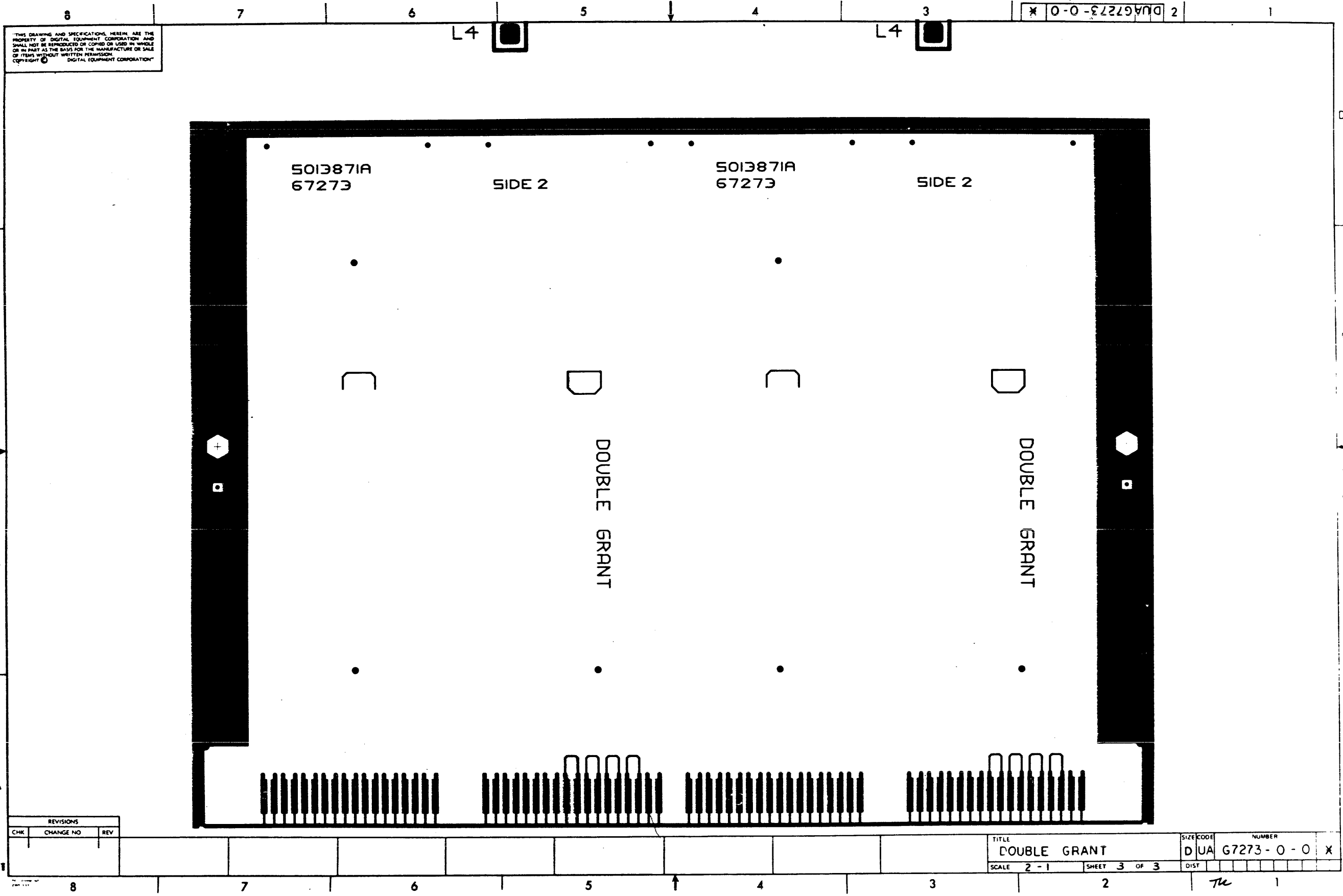
NPG AND BUS GRANT
CONTINUITY

NPG AND BUS GRANT
CONTINUITY

REVISIONS		
CHK	CHANGED BY	REV

DOUBLE GRANT
SCALE 2 - 1
SHEET 2 OF 3

SIZE CODE D UA
NUMBER G7273-0-0
DIST. *tw*
REV. *



AUTOMATED BY PRTLST.3L(32)

P A R T S L I S T

SHEET A1 OF A1

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY	PFR VARIATION
1	1	D-MD-5013871-0-0	5013871-00	(11/24) BOARD FOR G7273	1	
2	2		9006732-00	FYFLET, ROLLED FLANGE, .121 OD X	4	
3	3		9008337-01	HANDLE, FLIP CHIP, GREEN	2	

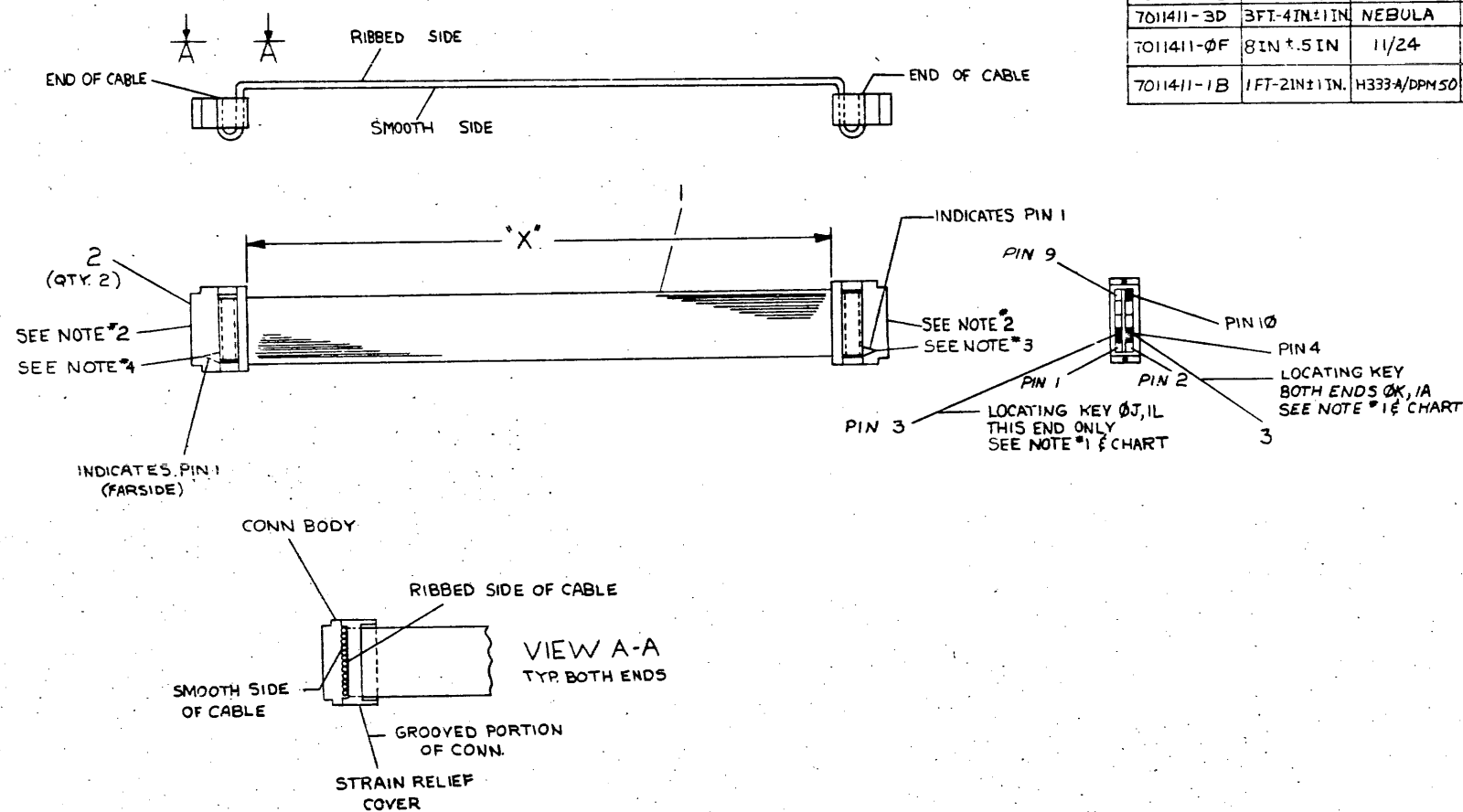
REVISION HISTORY		BASIC PART NO: G7273		DRN: F.SMART		DATE: 18-JUL-79		D I G I T A L	
ENG	ECO NUMBER	REV	SECTION A OF A	CHK'D: F.GAFOFALO		DATE: 18-JUL-79		TITLE PARTS LIST	
---	INITIAL	*	SECTION. VARIATION INDEX	[A] 00				DOUBLE GRANT	
			[B]	DES.ENG.: P.GRUDA		DATE: 5-MAY-80			
			[C]	RESP.ENG.: P.GRUDA		DATE: 5-MAY-80		DOCUMENT NUMBER	
			[D]					SIZE CODE NUMBER REV	
			[E]	MFG.ENG.: G.ABREU		DATE: 5-MAY-80		K PL G7273-0-DBP *	
			[F]	ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME: EDIT #	
				D-UA-G7273-0-0		B-DD-G7273-0-0		Z1264.PLS 4	
THIS DRAWING AND SPECIFICATIONS HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT (C) 1980, DIGITAL EQUIPMENT CORPORATION									

TW

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION.
COPYRIGHT © 1975, DIGITAL EQUIPMENT CORPORATION

LEGEND			
NUMBER	DIM. & VARIATION	USED ON	KEY PIN
7011411-0J	8 IN ± .5 IN.	BA11-L OR K	10 ONE END
7011411-0K	9 IN ± .5 IN.	LS1-11	BOTH ENDS
7011411-1D	1 FT. 4 IN ± 1 IN.	KY11-LB	
7011411-2D	2 FT. 4 IN ± 1 IN.	BA11-F/DO/PPF	70 ONE END
7011411-0H	7 IN ± .5 IN.	H790, 1, 2, 3	
7011411-1J	1 FT. 8 IN ± 1 IN.	1104/34-7A	
7011411-1L	1 FT. 10 IN ± 1 IN.	BA11-L, H777	PIN 3 1 END
7011411-1A	1 FT. 1 IN ± 1 IN.	H787	BOTH ENDS
7011411-3J	3 FT. 8 IN ± 1 IN.	BA11-K, H785	
7011411-2J	2 FT. 8 IN ± 1 IN.	BA11-K, H785	NO KEY
7011411-5F	5 FT. 6 IN ± 1 IN.	1160	8 ONE END
7011411-12	12 FT. ± 3 IN.	KA570	
7011411-7	7 FT. ± 2 IN.	11780	
7011411-1C	1 FT. 3 IN ± 1 IN.	VT103	SEE NOTES 3 AND 4
7011411-2	2 FT. ± 1 IN.	VT103	SEE NOTES 3 AND 4
7011411-0E	5 IN ± .5 IN.	NEBULA	BOTH ENDS
7011411-3D	3 FT. 4 IN ± 1 IN.	NEBULA	BOTH ENDS
7011411-0F	8 IN ± .5 IN.	11/24	PIN 3 ONE END PIN 6 ONE END
7011411-1B	1 FT. 2 IN ± 1 IN.	H333A/DPM50	4 BOTH ENDS

- NOTES:
1. INSERT KEY IN PROPER CONNECTOR PIN AND BREAK OFF TAB.
 2. FOR ITEM (2) DRAWING IS SHOWING 3M CONNECTOR.
 3. FOR -1C AND -2 VARIATIONS, KEY PIN 6.
 4. FOR -1C AND -2 VARIATIONS, KEY PIN 5.



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

1	TIE, CABLE	9007031	5
1	LABEL, CABLE IDENT	9009532	4
AR	KEY	9009707	3
2	CONN. CRIMP	1211206-02	2
AR	CABLE, 10 CONDUCT	9107747-02	1

QUANTITY & VARIATION	DESCRIPTION	DWG./PART NO.	ITEM NO.
7011411-0-0	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
	ANGLES ± 30°		
	CLASS OF ACCURACY		
	SURFACE QUALITY		
	MICROINCHES		
	PREFERRED		

DRN. W. BAPTIST	5-20-75	FIRST USED ON	SEE LEGEND
CHK. D. HEALY	6-13-75	TITLE	CABLE CONSOLE BACKPLANE
ENG. R. BARRY	6-12-75	PROJ. ENG. R. BARRY	6-12-75
PROD. R. PETERSON	6-9-75		

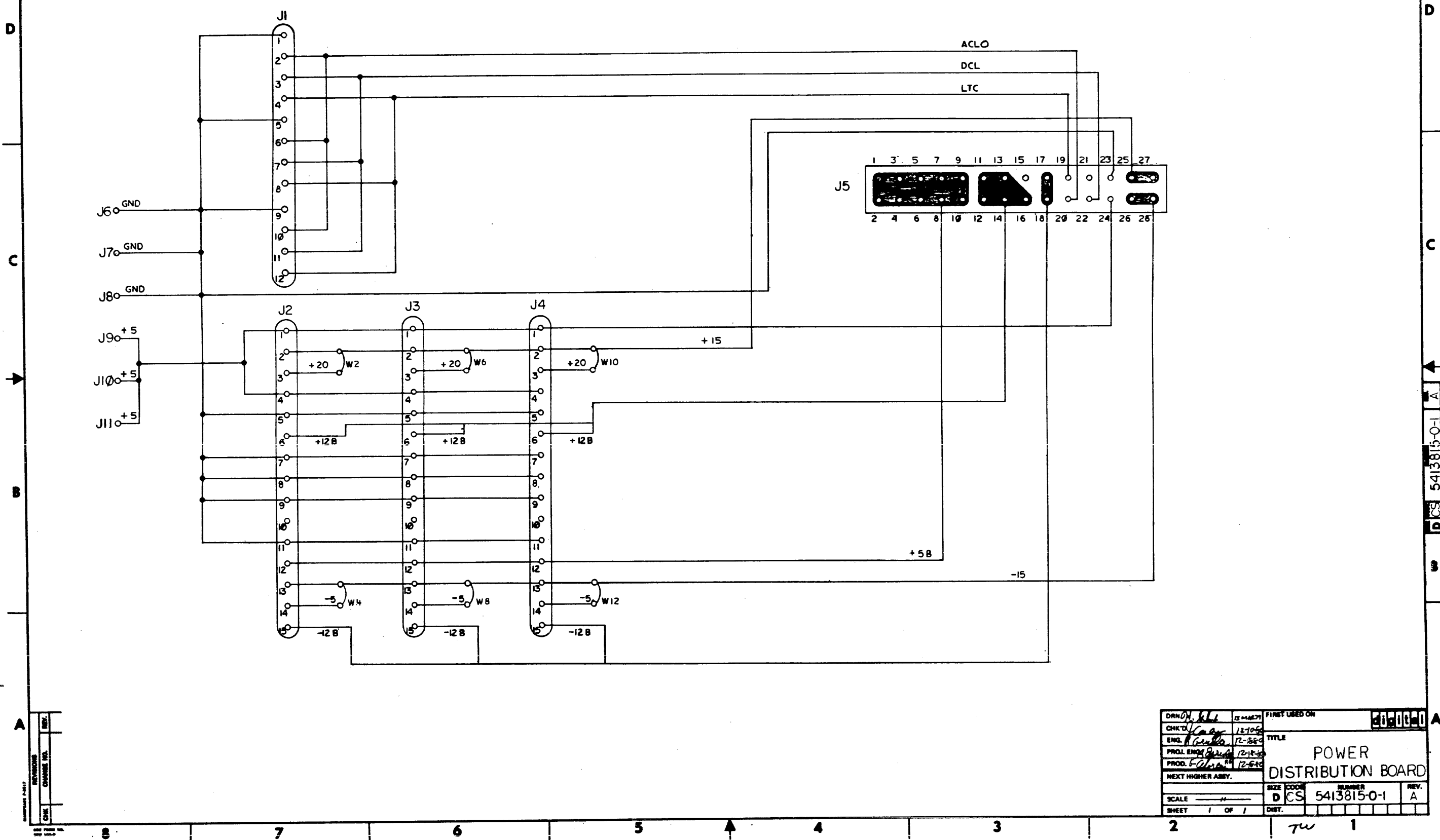
MATERIAL	SEE PARTS LIST	SCALE	NONE	SIZE	CODE	NUMBER	REV.
FINISH	---	SHEET	1	DIST.	D	1A	7011411-0-0

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF MILITARY RESEARCH CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED IN ANY MANNER OR FOR ANY PURPOSE WITHOUT THE WRITTEN PERMISSION OF MILITARY RESEARCH CORPORATION © 1979

5413815-0-1

2

1



DRN'D	12-10-69	FIRST USED ON	41-00-00
CHK'D	12-10-69	TITLE	POWER DISTRIBUTION BOARD
ENG'D	12-25-69	SIZE	D
PROJ. ENG'D	12-18-69	CODE	CS
PROD. ENG'D	12-25-69	NUMBER	5413815-0-1
NEXT HIGHER ASBY.		REV.	A
SCALE	1 OF 1	DIST.	
SHEET			

AUTOMATED BY PRTLST,3L311

P A R T S L I S T

SHEET A1 OF A1

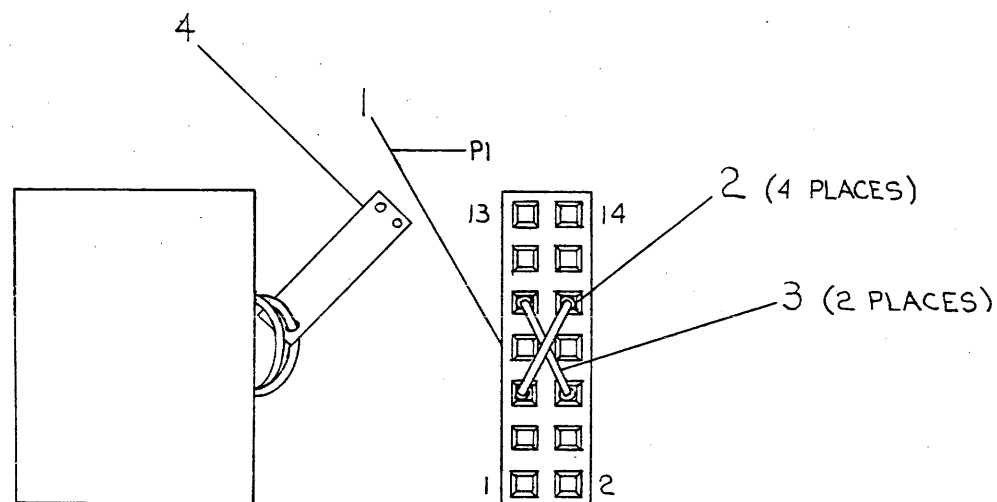
LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION	REFERENCE DESIGNATOR
1	1		5013814-00	EXPANSION DIST BOARD	1	
2	2		1209350-15	MATE-N-LOK 15POS COMM HSG,SKT	3	J2,J3,J4
3	3		1209350-06	*** THIS ITEM IS NOT USED ***	-	
4	4		1216112-01	HEADER,100 28POS RT ANGLE	1	J5
5	5		1214809-01	INSERT,W/O INTERNAL THREADS,THRU	6	J6-J11
6	6		9009185-00	JUMPER, WIRE, INSULATED, BLACK B	6	W2,W4,W6,W8,W10,W12
7	7		1209456-01	MATE-N-LOK SKT COMM PC MTG LOOSE	45	
8	8		9107786-00	*** THIS ITFM IS NOT USED ***	-	
9	9		1216652-00	CONN 12POS STRAIGHT	1	J1

REVISION HISTORY		BASIC PART NO: 5413815		DRN: J.CASEY	DATE: 18-DEC-80	D I G I T A L			
ENG	ECO NUMBER	REV	SECTION A OF A			TITLE PARTS LIST			
---	INITIAL	A	SECTION VARIATION INDEX	CHK'D: J.FERGUSON	DATE: 18-DEC-80	POWER DISTRIBUTION BOARD			
			[A] 00						
			[B]						
			[C]	DES.ENG: P.SILVER	DATE: 18-DEC-80				
			[D]						
			[E]						
			[F]	RESP.ENG.: P.GRUDA	DATE: 18-DEC-80	DOCUMENT NUMBER			
			[H]						
			[J]						
			[K]	MFG.ENG.: G.ABREU	DATE: 18-DEC-80	K	PL	5413815-0-DBP	REV A
			[L]						
			[M]	ASSEMBLY NUMBER:	TOP DOCUMENT NUMBER:	FILE NAME:		EDIT #	
			[N]	D-UA-5413815-0-0		Z1274A,PLS		11	
"THIS DRAWING AND SPECIFICATIONS HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT (C) 1980, DIGITAL EQUIPMENT CORPORATION"									

TW

WIRE TABLE							
ITEM NO.	DISCRIPTION		FROM		TO		WIRE LENGTH
	AWG	COLOR	CONNECTION	WITH	CONNECTION	WITH	
3	22	YEL	PI-5	2	PI-10	2	2"
3	22	YEL	PI-6	2	PI-9	2	2"

1. 12-10089-06 MAY BE SUBSTITUTED FOR
ITEM #2.



1	LABEL,CABLE	9009532	4
A/R	WIRE 22AWG STRANDED YEL	9107350-44	3
4	CONN,SKT CRIMP	1210089-07	2
1	TERMINATOR,HSG14 POS	1210918-30	1

			DESCRIPTION		DWG./PART NO.		ITEM NO.		
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES						
		ANGLES ±0° 30'	CLASS OF ACCURACY	NOMINAL DIMENSION RANGE INCHES					
		SURFACE QUALITY IN ✓	(CHECK ONE)	OVER 0 TO 0.2	OVER 0.2 TO 1.2	OVER 1.2 TO 4.0	OVER 4.0 TO 12.0	OVER 12.0 TO 40.0	OVER 40.0 TO 80.0
	MEDIUM ☐		±.004	±.008	±.012	±.016	±.024	±.04	
QUANTITY & VARIATION		MICROINCHES	PREFERRED ☐	±.012	±.016	±.025	±.04	±.063 ±.1	
THIRD ANGLE PROJECTION			DRN. <i>Ed Hill</i>	22 MAR 78	FIRST USED ON		DLVII-J digital		
			CHK'D <i>E. Hill</i>	5 MAY 78	TITLE CONNECTOR. TEST				
REMOVE BURRS AND BREAK SHARP CORNERS			ENG. <i>James B. Mac</i>	12 MAY 78					
DO NOT SCALE DWG			PROJ. ENG. <i>James B. Mac</i>	12 MAY 78					
NEXT HIGHER ASSY.			PROD. <i>Robert Hamilton</i>	12 MAY 78					
MATERIAL SEE PARTS LIST			A-PL-H3270-A-0		SIZE	CODE	NUMBER	REV.	
FINISH NONE			SCALE 4/1		C	UA	H3270-0-0		
SHEET			OF		DIST.				

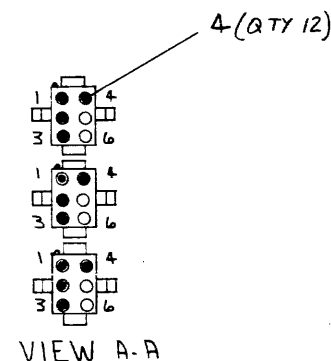
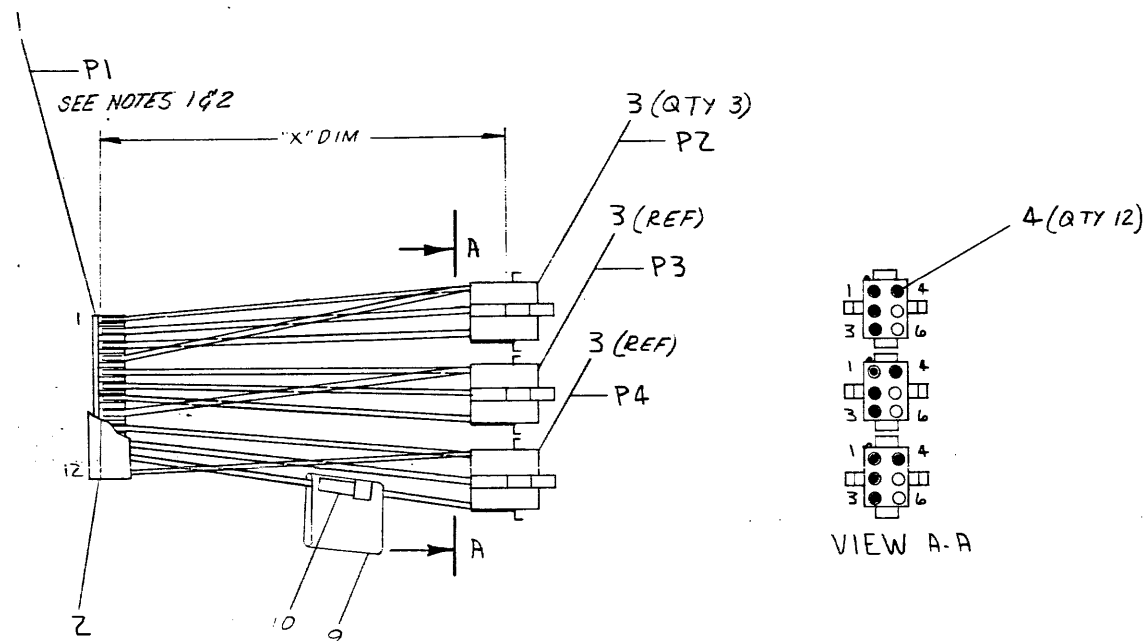
THIS DRAWING AND SPECIFICATIONS HEREON ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION.
COPYRIGHT © 1979, DIGITAL EQUIPMENT CORPORATION

WIRE TABLE						
ITEM NO	DESCRIPTION		FROM		TO	
	AWG	COLOR	CONN	TERM	CONN	TERM
5	18	BLK	P1-1		P2-1	4
6		YEL	P1-2		P2-4	
7		VIO	P1-3		P2-3	
8		BRN	P1-4		P2-2	
5		BLK	P1-5		P3-1	
6		YEL	P1-6		P3-4	
7		VIO	P1-7		P3-3	
8		BRN	P1-8		P3-2	
5		BLK	P1-9		P4-1	
6		YEL	P1-10		P4-4	
7		VIO	P1-11		P4-3	
8	18	BRN	P1-12		P4-2	4

LEGEND	
NUMBER	"X" DIM
7016887-0E	5.0 ± .5 IN

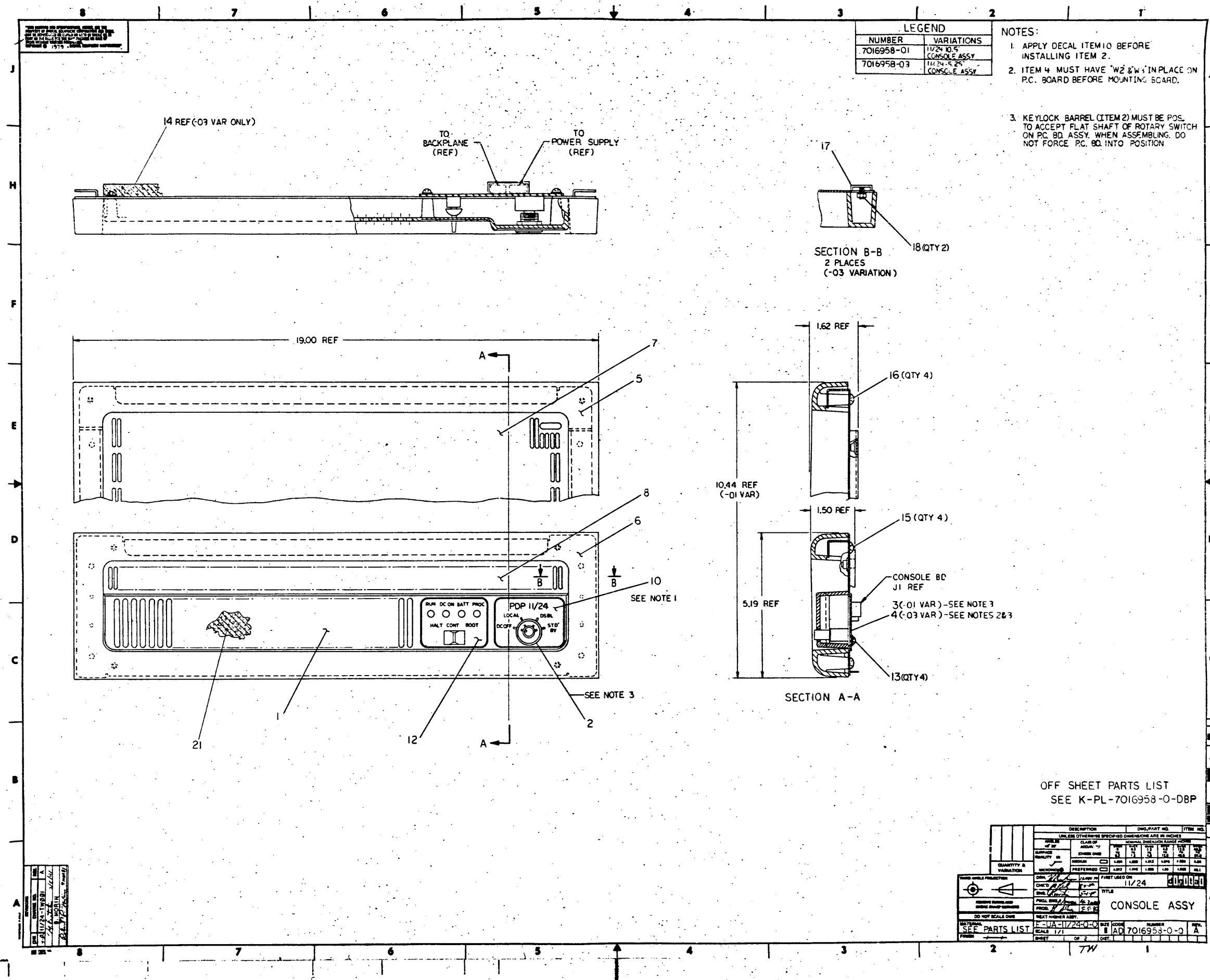
NOTES

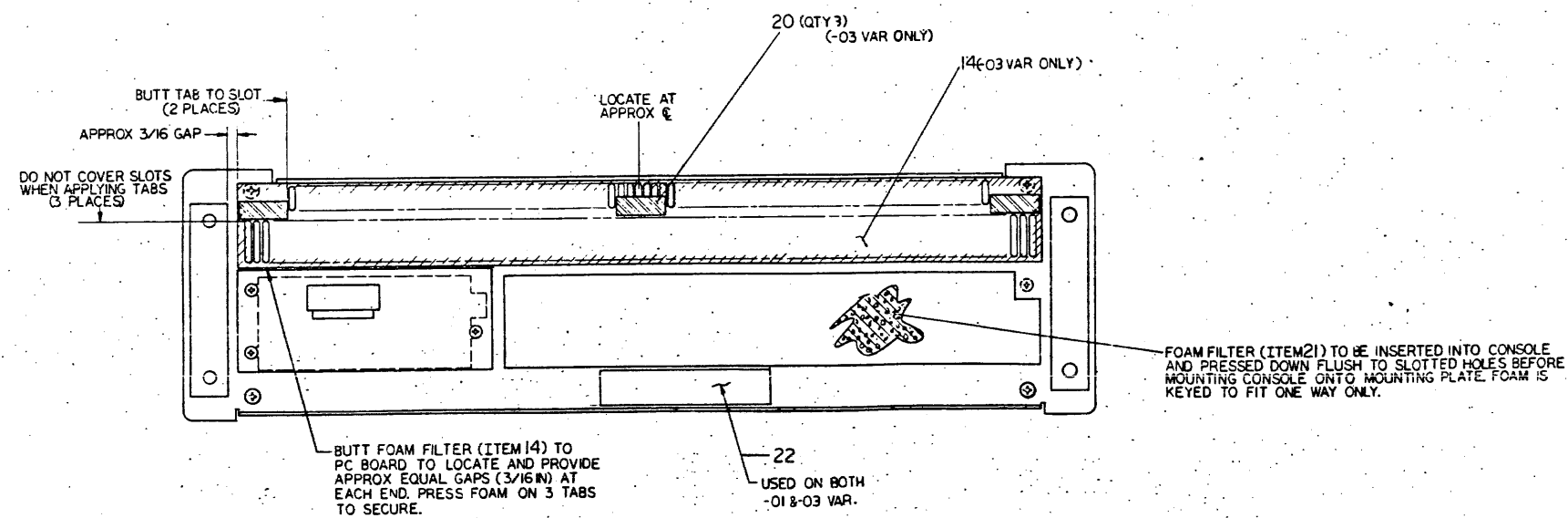
- WIRES TERMINATING TO P1 MUST NOT BE STRIPPED.
- PLACE COVER ITEM #2 OVER CONN HOUSING, ITEM #1, AFTER WIRES HAVE BEEN TERMINATED.
- STRIP WIRES ONLY ON P2, P3, P4 ENDS .187 BEFORE CRIMPING CONTACTS.
- ITEM #4 CAN BE SUBSTITUTED BY P/N 12-09379-00 FOR MACHINE CRIMPING.



1	TIE, CABLE SST1-M	9007031-00	10
1	LABEL, CABLE IDENTIFICATION	9009532-00	9
15	WIRE, 18 AWG, BRN, UL1430	9107786-11	8
15	WIRE, 18 AWG, VIO, UL1430	9107786-77	7
15	WIRE, 18 AWG, YEL, UL1430	9107786-47	6
5	WIRE, 18 AWG, BLK, UL1430	9107786-00	5
12	SKT, MATE-N-LOK, 20-14 AWG	1209379-D1	4
3	CONN, 6 PIN MATE-N-LOC	1209350-06	3
1	COVER, 12 PIN MTA CONN	1216650-00	2
1	CONN, HOUSING 12 POS MTA	1216651-00	1

DESCRIPTION		DWG./PART NO.	ITEM NO.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES						
ANGLES 15° 30°	CLASS OF ACCURACY	NOMINAL DIMENSION RANGE INCHES				
SURFACE QUALITY	(CHECK ONE)	OVER 0 TO 0.2	OVER 0.2 TO 1.2	OVER 1.2 TO 4.0	OVER 4.0 TO 12.0	OVER 12.0 TO 80.0
IN	MEDIUM	±.004	±.008	±.012	±.016	±.024
MICROINCHES	PREFERRED	±.012	±.016	±.025	±.04	±.063
THIRD ANGLE PROJECTION	REMOVE BURRS AND BREAK SHARP CORNERS	DO NOT SCALE DWG	MATERIAL	FINISH	FIRST USED ON	
DRN. J. E. Sullivan	CHKD. J. E. Sullivan	ENG. R. J. Sullivan	PROJ. ENG. R. J. Sullivan	PROD. J. E. Sullivan	BAIL-A	
TITLE				CABLE JUMPER ASSEMBLY		
NEXT HIGHER ASSY.		SIZE	CODE	NUMBER	REV.	
A-RD-7016887-0-0		D	AD	7016887-0-0	A	
SCALE 1/1		SHEET		OF 1	DIST.	
T.W. 1						





LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION	
					01	03
1	1	E-IA-7424269-0-0	7424269-00	CONSOLE INSERT	1	1
2	2	A-PS-1216178-0-0	1216178-00	LOCK, PLASTIC 4POS ASSY	1	1
3	3	D-UA-5414441-0-0	5414441-00	11/24 CONSOLE	1	0
4	4	D-UA-5413885-0-0	5413885-02	CONSOLE MODULE, 2 JUMPERS	0	1
5	5	E-PS-1217094-0-0	1217094-00	BEZEL, PLASTIC 11-44	1	0
6	6	E-IA-7424270-0-0	7424270-00	BEZEL	0	1
7	7	E-IA-7423578-0-0	7423578-00	PLATE, MOUNTING 10.5	1	0
8	8	E-IA-7423577-0-0	7423577-00	PLATE MTG 5.25	0	1
9	9	BLANK		*** THIS ITEM IS NOT USED ***	-	-
10	10	A-PS-3617320-0-0	3617320-00	LABEL, LEGEND STRIP KE	1	1
11	11	BLANK		*** THIS ITEM IS NOT USED ***	-	-
12	12	A-PS-3617324-0-0	3617324-00	LABEL, LEGEND STRIP PDP 11/24 LED	1	1
13	13		9009984-02	SCREW, SEMS, PHILLIPS PAN HD. 6-	4	4
14	14	A-PS-1217665-0-0	1217665-02	FILTER, FOAM 5PPI 16.60 X 1.85 X	0	1
15	15		9009545-01	SCREW, PAN, PHIL, SEMS 8-32X 1/2	0	4
16	16		9010119-00	SCREW, PHILLIPS TRUSS HD, 10-32	4	4
17	17	B-IA-7423576-0-0	7423576-00	BAR ADPT.	0	2
18	18		9006560-00	NUT, KEP, 6-32 X5/16AF	0	4
19	19	BLANK		*** THIS ITEM IS NOT USED ***	-	-
20	20	B-MD-7424246-0-0	7424246-00	TAPE HOOK ADHESIVE BACK	0	3
21	21		1217665-01	FILTER, FOAM 11.5X1.85X1/2 5PPI	1	1
22	22		9009255-00	LABEL, POWER SUPPLY, 2-15/16 " L	1	1

REVISION HISTORY			BASIC PART NO: 7016958			DRN: M. BAPTISTE		DATE: 11-FEB-81		D I G I T A L			
ENG	ECO NUMBER	REV	SECTION A OF A		CHK'D: R. J. RILEY		DATE: 11-FEB-81		TITLE		PARTS LIST		
---	INITIAL	A	SECTION, VARIATION INDEX		DES.ENG.: R. MORIN <th colspan="2">DATE: 11-FEB-81</th> <td colspan="4">CONSOLE ASSEMBLY</td>		DATE: 11-FEB-81		CONSOLE ASSEMBLY				
---	INITIAL	A	[A] 01,03		RESP.ENG.: R. MORIN <th colspan="2">DATE: 11-FEB-81</th> <td colspan="4">DOCUMENT NUMBER</td>		DATE: 11-FEB-81		DOCUMENT NUMBER				
RM	11/24-TW001	A	[B]		MFC.ENG.: R. GRUDA <th colspan="2">DATE: 11-FEB-81</th> <td>SIZE</td> <td>CODE</td> <td>NUMBER</td> <td>REV</td>		DATE: 11-FEB-81		SIZE	CODE	NUMBER	REV	
RM	11/24-TW001	A	[C]		ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME:		EDIT #		
			[D]		E-AD-7016958-0-0		E-UA-1124-0-0		Z0700.PLS		45		
			[E]										
			[F]										
*THIS DRAWING AND SPECIFICATIONS HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT (C) 1981, DIGITAL EQUIPMENT CORPORATION *													

TW

[illegible]

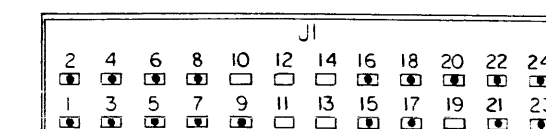
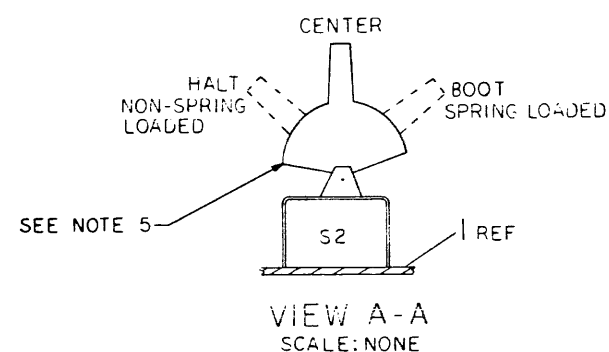
THIS DOCUMENT AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF SUTEL. EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART OR IN ANY MANNER FOR THE REPRODUCTION OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION.

CRYSTAL © 1920 SUTEL EQUIPMENT CORPORATION

COMPONENT SIDE VIEW



+



NOTE:

☐ - NO PIN INSERTED IN CONNECTOR
☒ - PIN INSERTED IN CONNECTOR

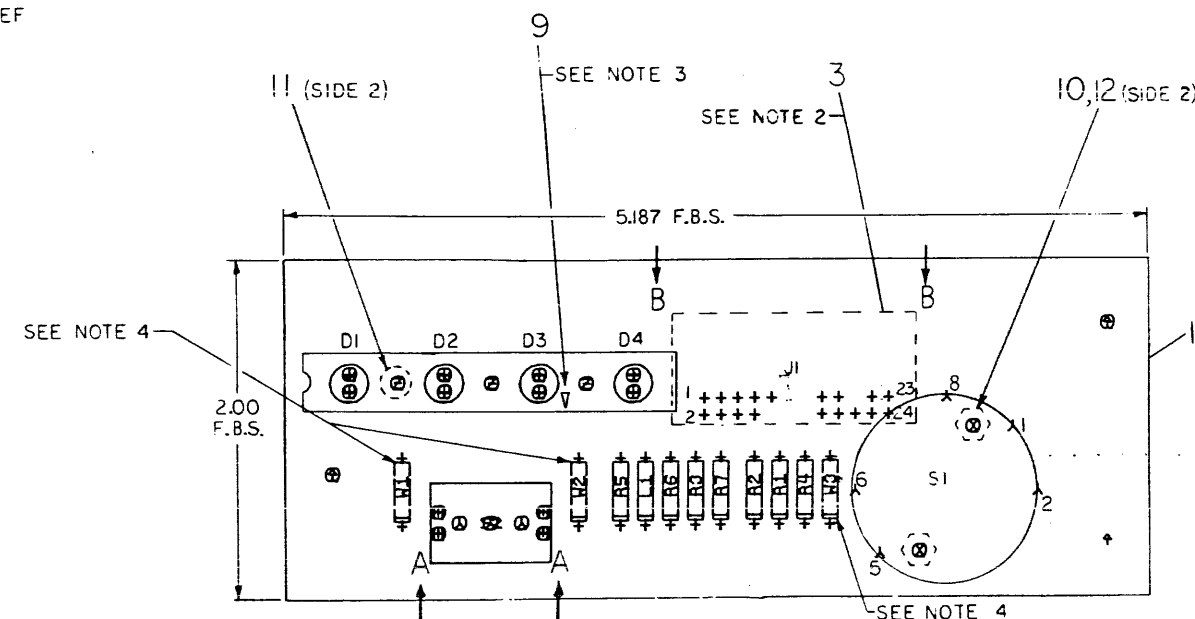
REF

VIEW B-B

SCALE: NONE



+



NOTES:

1. STEP & REPEAT 2ML 33.
2. J1 CONNECTOR IS MOUNTED ON SIDE 2.
3. COMPONENT ORIENTATION MARK.
4. JUMPER W1 IS USED ON VARIATION -00 & -01.
W2 IS USED ON -00 & -02. W3 IS USED ON -00 & -02.
5. MOUNT S2 W/SPRING LOAD POSIT. TOWARD SI.

STEP 6	↑ Y AXIS	2.125	STEP 3	TIMES
REPEAT	→ X AXIS	5.250	STEP 1	TIMES

[illegible][illegible]

SIGNATURES		DATE	digital		
DRN. <i>P. H. Brown</i>		16 FEB 80			
CAPT. D. E. T. GERRY		2-20-80			
MECH. ENG. <i>R. J. Gaudin</i>		6/5/80	TITLE		
PROJ. ENG. <i>J. W. Bradley</i>		6/5/80	CONSOLE BOARD		
PROD. <i>William J. ...</i>		6/5/80			
SCALE 2/1		SIZE	CODE	NUMBER	REF
NEXT: 1 OF 1			U A	5413885-0-0	
SHY. HIGHER ASSY. 8-DD-5413885-0					

TW	1	MS# 170210
----	---	------------

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION			REFERENCE DESIGNATOR
					00	01	02	
1	1	D-MD-5013884-0-0	5013884-00	DRILL AND ETCH BRD	1	1	1	
2	2		1110864-00	LED 2MCD@10MA	4	4	4	D1-D4
3	3		1213506-06	HEADER 6POS RT ANGLE	1	1	1	J1
4	4		1216180-00	SW,ROT 2P 4POS,45DEG. TH	1	1	1	S1
5	5		1216179-00	SW,LEVER 1P ON/OFF/ON	1	1	1	S2
6	6		1300229-00	100.0 .25 W 5.0 % CC	3	3	3	R1,R2,R7
7	7		1300316-00	470.0 .25 W 5.0 % CC	4	4	4	R6,R3-R5
8	8		1601562-00	1.0 UH 10% 475MA #DD1.00	1	1	1	L1
9	9		7413127-00	HOLDER REWORK LED (11/70)	1	1	1	
10	10		9006555-00	NUT,HEX , 2-56X3/16AF X 1/	2	2	2	
11	11		9009236-01	SCREW,TAPPING,TYPE F,PAN ,PHIL,	3	3	3	
12	12		9009321-00	LOCK TITE, SCREW LOCK, 10CC PER	A/R	A/R	A/R	
13	13		9009185-00	JUMPER, WIRE, INSULATED, BLACK B	3	-	-	W1-W3
			CONT		-	1	-	W1
			CONT		-	-	2	W2,W3

REVISION HISTORY		BASIC PART NO: 5413885		DRN: J,CASEY	DATE: 20-FEB-80	DIGITAL			
ENG	ECO NUMBER	REV	SECTION A OF A	CHK'D: E,T,GERRY	DATE: 20-FEB-80	TITLE		PARTS LIST	
---	INITIAL	B	SECTION VARIATION INDEX			CONSOLE MODULE			
			[A] 00,01,02						
			[B]						
			[C]	DES,ENG: D,LANDRY	DATE: 3-20-80				
			[D]						
			[E]						
			[F]	RESP,ENG: R,GRUDA	DATE: 5-JUNE-80			DOCUMENT NUMBER	
			[H]						
			[J]			SIZE CODE		NUMBER	REV
			[K]	MFG,ENG: G,ABREU	DATE: 5-JUNE-80	K	PL	5413885-0-DBP	B
			[L]						
			[M]	ASSEMBLY NUMBER:	TOP DOCUMENT NUMBER:	FILE NAME:		EDIT #	
			[N]	D-UA-5413885-0-0		Z1267B,PLS		9	
"THIS DRAWING AND SPECIFICATIONS HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT (C) 1980, DIGITAL EQUIPMENT CORPORATION."									

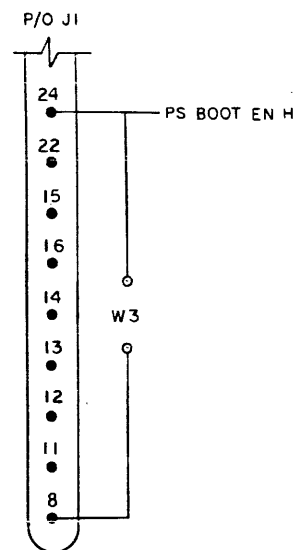
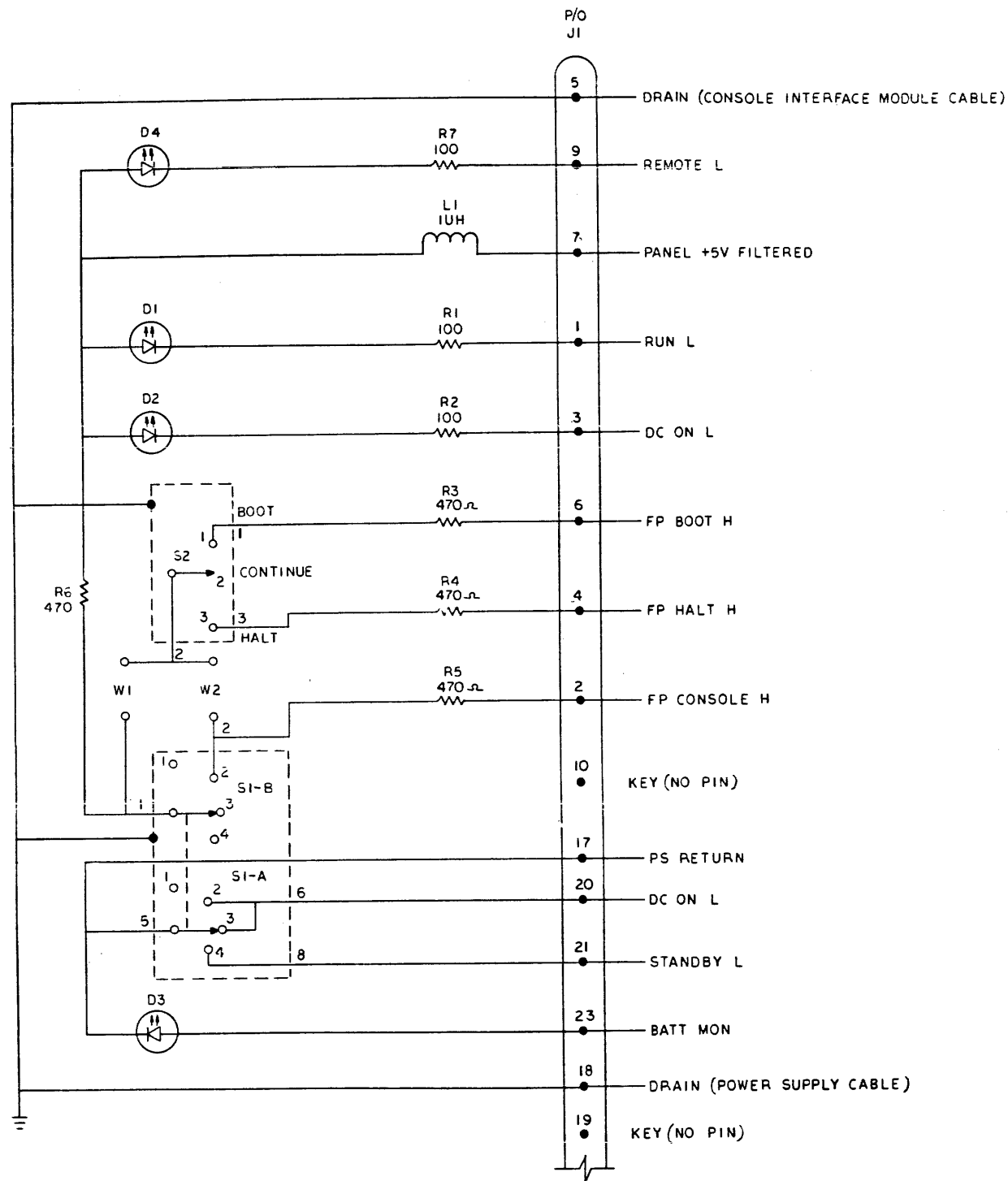
TW

THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION.
COPYRIGHT © 1979 DIGITAL EQUIPMENT CORPORATION

W3	W2	W1	VARIATION
IN	IN	IN	CONSOLE MODULE 5413885-00
OUT	OUT	IN	CONSOLE MODULE 5413885-01
IN	IN	OUT	11/24 5413885-02

NOTE: THESE ARE THE ONLY CONFIGURATIONS OF THIS MODULE.

SI-	FUNCTION
A1	DC OFF
B1	NONE
A2	DC ON
B2	LOCAL
A3	DC ON
B3	LOCAL DISABLE
A4	STANDBY
B4	NONE



DRN. <i>[Signature]</i>	13 NOV 79	FIRST USED ON	11/24	digital
CHK'D <i>[Signature]</i>	4/7/80	TITLE	CONSOLE MODULE	
ENG. <i>[Signature]</i>	5-10-80	SIZE	D	
PROJ. ENG. <i>[Signature]</i>	5/4/80	CODE	CS	
PROD. <i>[Signature]</i>	6/5/80	NUMBER	5413885-0-1	REV.
NEXT HIGHER ASSY.				B
D-UA-541-331-0-0	SCALE	++		
SHEET 1	OF 1	DIST.		

AUTOMATED BY PHILST. (P:44)

PARTS LIST

SHEET A1 OF A1

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION	REFERENCE DESIGNATOR
1	1	D-MD-541441-0-0	5414441-00	DRILL AND ETCH BRD 11/24 CONSOLE	1	
2	2		1110864-00	LED 2MCD91PMA	4	D1-D4
3	3		1213506-09	HEADER 24POS RT ANGLE	1	J1
4	4		1216180-00	SW,ROT 2P 4POS,45DEG. TH	1	S1
5	5		1216179-00	SW,LEVER 1P ON/OFF/ON	1	S2
6	6		1300229-00	100.0 .25 W 5.0 % CC	3	R1,R2,R7
7	7		1300316-00	470.0 .25 W 5.0 % CC	4	R3-R5,R6
8	8		1601562-00	1.0 UH 10% 475MA #DD1.00	1	L1
9	9		7413127-00	HOLDER REWORK LED (11/70)	1	
10	10		9006555-00	NUT,HEX , 2-56X3/16AF X 1/	2	
11	11		9009236-01	SCREW,TAPPING,TYPE F,PAN ,PHIL,	3	
12	12		9009321-00	LOCK TITE, SCREW LOCK, 10CC PER	A/R	
13	13		9009185-00	JUMPER, WIRE, INSULATED, BLACK B	2	*1,W2

REVISION HISTORY		BASIC PART NO: 5414441		DPN: J.CASEY	DATE: 18-DEC-80	D I G I T A L			
ENG: ECO NUMBER	REV	SECTION A OF A	CHK'D: E.T.GERRY	DATE: 18-DEC-80	TITLE PARTS LIST				
INITIAL	A	SECTION VARIATION INDEX	(A) 00	11/24 CONSOLE MODULE					
			(B)						
			(C)	DES.ENG: R.SILVER	DATE: 18-DEC-80				
			(D)						
			(E)						
			(F)	RESP.ENG.: R.GRUDA	DATE: 18-DEC-80	DOCUMENT NUMBER			
			(H)						
			(J)						
			(K)	MFG.ENG.: G.ABRUE	DATE: 18-DEC-80	SIZE: K	CODE: PL	NUMBER: 5414441-0-DBP	REV: A
			(L)						
			(M)	ASSEMBLY NUMBER:	TOP DOCUMENT NUMBER:	FILE NAME:		EDIT #	
			(W)	ID-BA-5414441-0-0		Z1275A.PLS		4	
THIS DRAWING AND SPECIFICATIONS HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT (C) 1980, DIGITAL EQUIPMENT CORPORATION									

TW

