

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 © 1976, DIGITAL EQUIPMENT CORPORATION."

TABLE OF CONTENTS

[illegible]

KL10-E

Field Maintenance Print Set

Digital Equipment Corporation

PRINT SET ORDER NO. :
MP00300

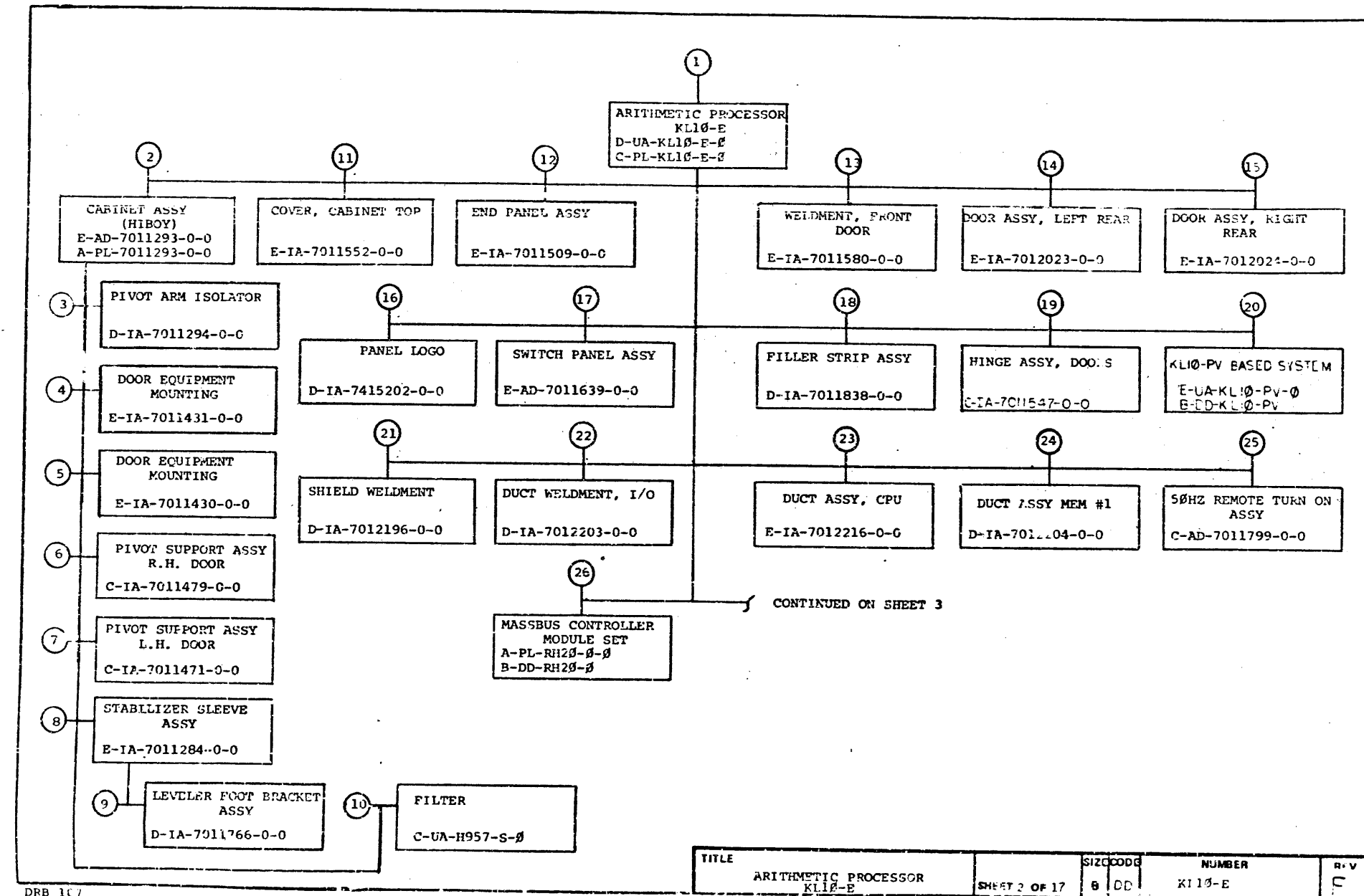
REVISIONS			USED ON OPTION/MODEL		DRN.	DATE	TITLE: ARITHMETIC PROCESSOR									
DATE	CHG. NO.	REV.	KL10-E - MR005	KL10-E	CHK'D	DATE	SIZE CODE NUMBER REV. B TC KL10-E-4 C									
20 NOV 78	KL10-E - MR005	A	KL10-E - MR007		PROJ. ENG.	DATE										
20 DEC 78	KL10-E - MR007	B	KL10-E - MR0012		FIELD SERV.	DATE	DIST.									
18 JUN 79	KL10-E - MR0012	C														
					SHEET I OF 2		H. K. C. 12/1/77									

Mr

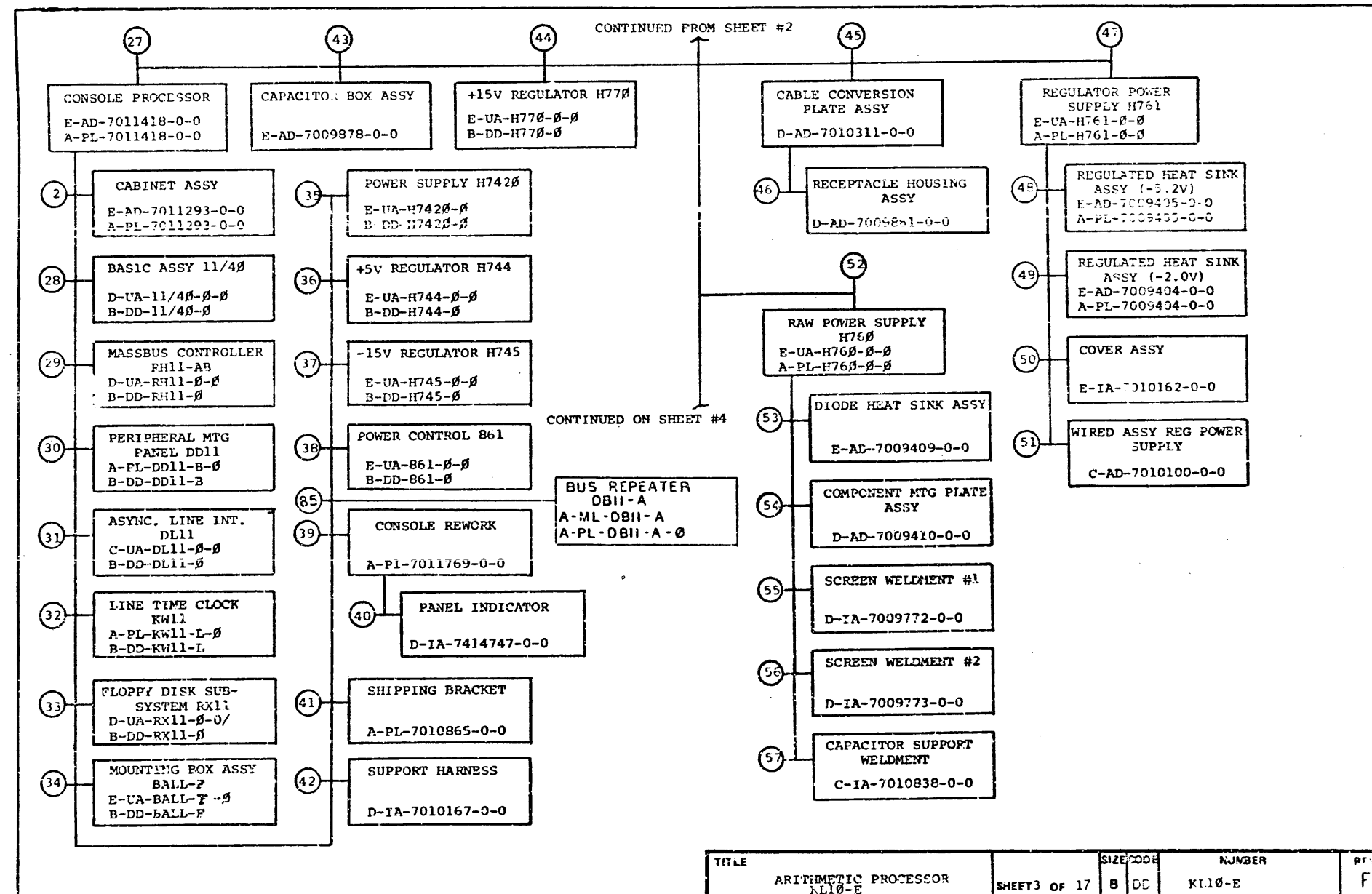
DRAWING NO.	DESCRIPTION
B-TC-KL10-E-4	KL10-E PRINT SET TABLE OF CONTENTS
B-DD-KL10-E	KL10 DRAWING DIRECTORY
D-UA-KL10-E-0	ARITHMETIC PROCESSOR
C-PL-KL10-E-0	ARITHMETIC PROCESSOR (P.L.)
D-IC-KL10-0-1	POWER DIAGRAM
D-IC-KL10-0-2	REGULATOR ASSY
E-UA-H760-0-0	RAW POWER SUPPLY H760
A-PL-H760-0-0	RAW POWER SUPPLY H760 (P.L.)
D-CS-H760A-0-1	CIRCUIT SCHEMATIC H760A
D-CS-H760B-0-1	CIRCUIT SCHEMATIC H760B
E-AD-7009409-0-0	DIODE HEAT SINK ASSY
D-AD-7009410-0-0	COMPONENT MTG PLATE ASSY
E-UA-H761-0-0	REGULATED POWER SUPPLY
A-PL-H761-0-0	REGULATED POWER SUPPLY (P.L.)
D-IC-H761-0-1	CONTROL LOGIC
D-CS-G8010-0-1	-5.2 VOLT CONTROL
D-CS-G8011-0-1	-2 VOLT CONTROL
D-CS-G8013-0-1	+10V REFERENCES
D-CS-G8014-0-1	LOW VOLTAGE DETECTOR
D-CS-5410663-0-1	SERIES PASS -2.0V BOARD
D-CS-5410665-0-1	-5.2V BOARD
E-AD-7009404-0-0	REGULATED HEAT SINK ASSY (-2.0V)
A-PL-7009404-0-0	REGULATED HEAT SINK ASSY (-2.0V) (P.L.)
E-AD-7009405-0-0	REGULATED HEAT SINK ASSY (-5.2V)
A-PL-7009405-0-0	REGULATED HEAT SINK ASSY (-5.2V) (P.L.)
E-AD-7009878-0-0	CAPACITOR BOX ASSY
E-UA-863-0-0	POWER CONTROLLER 863
A-PL-863-0-0	POWER CONTROLLER 863 (P.L.)
D-CS-863-0-1	CIRCUIT SCHEMATIC 863
D-CS-W516-0-1	AC LOW VOLTAGE DETECTOR
D-CS-W7000-0-1	AUX POWER SUPPLY
C-AD-7009632-0-0	WIRED ASSY (CHASSIS 863 P.C.)
D-AD-7011418-0-0	CONSOLE PROCESSOR
A-PL-7011418-0-0	CONSOLE PROCESSOR (P.L.)
D-AD-7010311-0-0	PLATE, CABLE CONVERSION ASSY

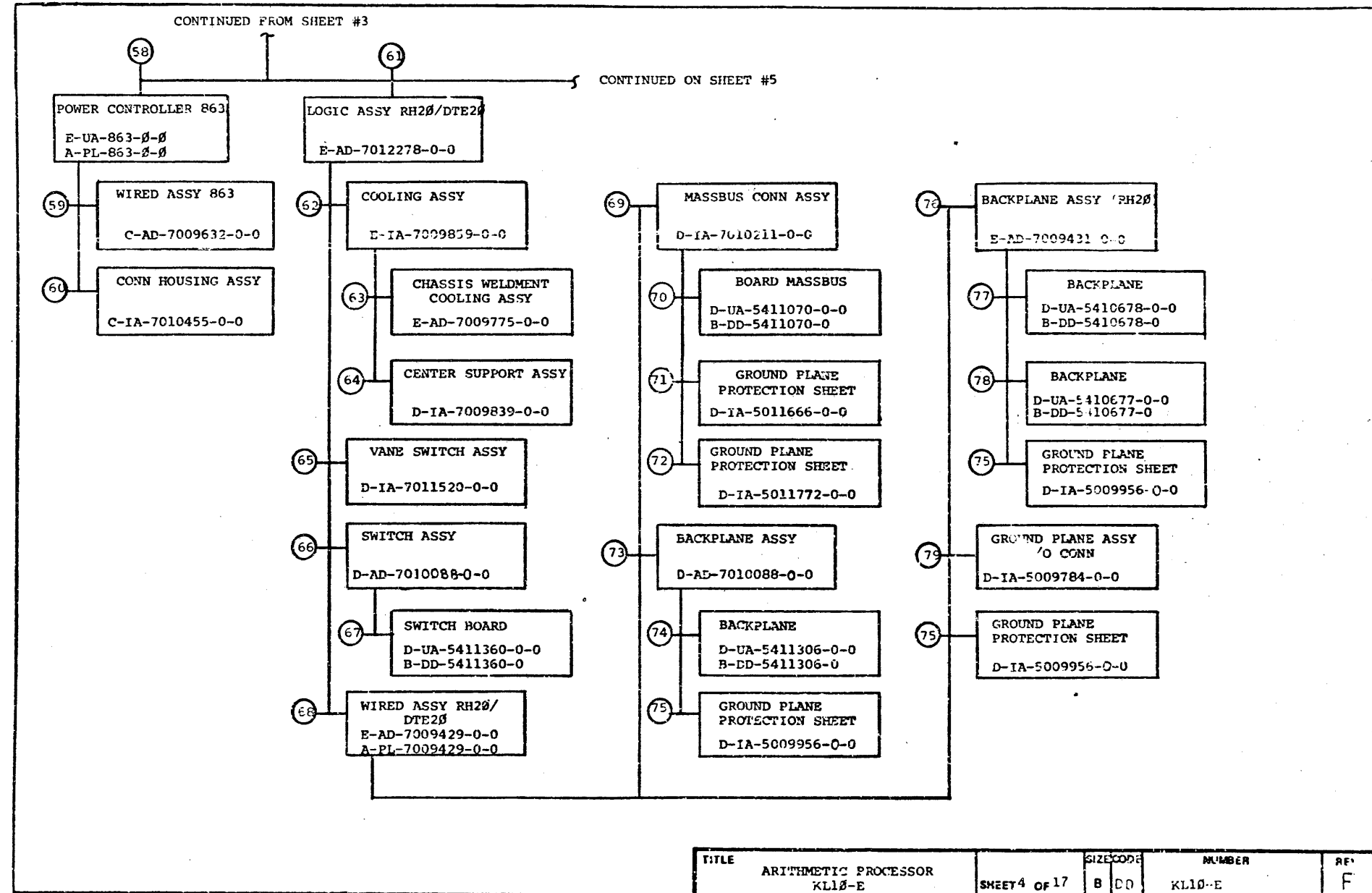
DRAWING NO.	DESCRIPTION
E-AD-7011639-0-0	SWITCH PANEL ASSY
C-CS-7011639-0-1	CIRCUIT SCHEMATIC
MP00301	KL10-PV PRINT SET
(REF. ONLY)	THIS PRINT SET CONTAINS DMA20 MODULES DTE20 MODULES MCA20 MODULES KL10-PV MODULES DIA20 MODULES
D-AD-7009876-0-0	VANE SWITCH ASSY
E-AD-7012278-0-0	LOGIC ASSY RH20/DTE20
A-PL-7012278-0-0	LOGIC ASSY RH20/DTE20 (P.L.)
E-AD-7009429-0-0	WIRED ASSY RH20/DTE20
A-PL-7009429-0-0	WIRED ASSY RH20/DTE20 (P.L.)
E-AD-7010088-0-0	BACKPLANE ASSY
D-UA-5411306-0-0	BACKPLANE
D-AD-7010103-0-0	SWITCH ASSY
D-UA-5411360-0-0	SWITCH BOARD
D-IA-7011520-0-0	VANE SWITCH ASSY
D-IA-7010211-0-0	MASS BUS CONNECTOR ASSY
D-UA-5411070-0-0	BOARD MASSBUS
E-AD-7009431-0-0	BACKPLANE ASSY (RH20)
D-UA-5410678-0-0	BACKPLANE
D-UA-5410677-0-0	BACKPLANE
D-IA-5009784-0-0	GROUND PLANE ASSY I/O CONN
C-IA-7008288-0-0	CABLE ASSY
C-UA-BC05F-0-0	CABLE INTERFACE
C-UA-M920-0-0	INTERNAL BUS CONN ASSY
D-UA-BC11A-0-0	CABLE ASSY (BC11A)
D-UA-BC06R-0-0	BC06R I/O CABLE
D-IA-BC20C-0-0	CONN ASSY SBUS
C-IA-5408780-0-0	PRIORITY JUMPER LEVEL #6
D-IA-7012210-0-0	POWER CORD (60HZ)
D-IA-7012275-0-0	POWER CORD (50HZ)
A-PL-KL10-E-SH	SHIP LIST KL10-E
D-CS-7009404-0-1	-2.0V HEAT SINK ASSY
D-CS-7009405-0-1	-5.2V HEAT SINK ASSY
D-IC-H761-0-8	H761 WIRING DIAGRAM

TITLE	SIZE	CODE	NUMBER	REV
ARITHMETIC PROCESSOR	B	TC	KL10-E-4	C
SHEET 2 OF 2				



DRB 107
EN 1042A-0-0 (R11-13 (125))



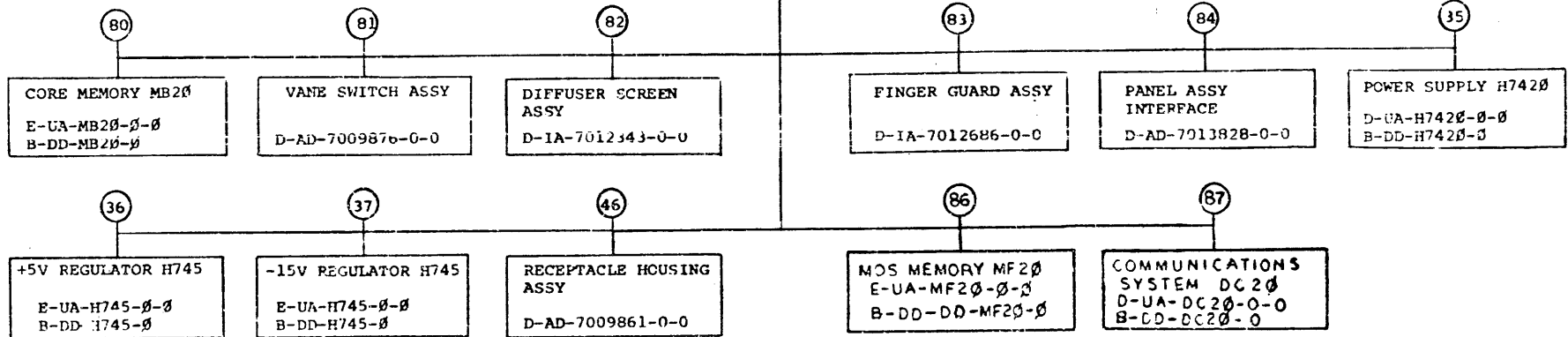


DRB 107
EN 1067A 03-10-R1175-325

mk

"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. 1977
COPYRIGHT © DIGITAL EQUIPMENT CORPORATION"

CONTINUED FROM SHEET #4



TITLE	SIZE	CODE	NUMBER	REV
ARITHMETIC PROCESSOR KL10-E	SHEET 5 OF 17	B DD	KL10-E	F

FIND NO.	DRAWING NO.	DESCRIPTION	TYPE	FIND NO.	DRAWING NO.	DESCRIPTION	TYPE
1	MP00300	KL10-E VOL. 1 FIELD MAINT. PRINT SET (MP)	-		J-1A-7011808-0-0	HARNESS FAULT INDICATOR	E/M
	B-TC-KL10-E-4	KL10-E VOL. 1 FIELD MAINT. PRINT SET (TC)	-		D-1A-7010877-0-0	HARNESS AC WIRING NO. 1	E/M
	MP00301	KL10-E VOL. 2 FIELD MAINT. PRINT SET (MP)	-		D-1A-7010805-0-0	HARNESS AC WIRING NO. 1	E/M
	B-TC-KL10-E-5	KL10-E VOL. 2 FIELD MAINT. PRINT SET (TC)	-		D-1A-7011432-0-0	POWER CORD EXTENSION	E/M
	D-UA-KL10-E-0	ARITHMETIC PROCESSOR	E/M		D-UA-BC26R-0-0	CABLE I/O	E/M
	C-PL-KL10-E-0	ARITHMETIC PROCESSOR (P.L.)	E/M		D-UA-BC11A-0-0	CABLE ASSY INIBUS	E/M
	D-MD-741422-0-0	PANEL GRILLE	M		D-UA-BC26C-2-0	CABLE ASSY (SBUS)	E/M
	E-MD-741225-0-0	SHIELD EMI	M		D-1A-7008288-0-0	CABLE ASSY	E/M
	D-MD-741389-0-0	PLATE PROTECTION	M		D-UA-BC05F-0-0	CABLE INTERFACE	E/M
	D-MD-741500-0-0	STIFFENER CAB	M		D-UA-CL10-1-0	CABLE ASSY	E/M
	D-MD-7414616-0-0	STIFFENER CAB	M		D-1A-7014407-0-0	POWER CORD (60HZ)	E/M
	D-MD-7414527-0-0	MTG PLATE #1 PWR SUPPLY	M		D-1A-7014409-0-0	POWER CORD (50HZ)	E/M
	D-MD-7414528-0-0	MTG PLATE #2 PWR SUPPLY	M		C-1A-7011025-0-0	CABLE ASSY	E/M
	D-1A-7412379-0-0	CONNECTOR PANEL	M		C-1A-7011831-0-0	CABLE ASSY	E/M
	C-MD-7414384-0-0	BRACKET (H317-B)	M		C-1A-7011833-0-0	CABLE ASSY	E/M
	C-1A-7414771-0-0	STRAIN RELIEF	M		D-1A-7011920-0-0	POWER CORD EXTENSION	E/M
	C-1A-7414772-0-0	CLAMP, STRAIN RELIEF	M		D-1A-7008288-0-0	CABLE ASSY	E/M
	D-MD-7414403-0-0	STRIP TOP FILLER	M		J-1A-7012411-0-0	HARNESS DC I/O	E/M
	D-1A-7414726-0-0	SUPPORT, PIVOT FRONT DOOR	M		D-1C-KL10-0-10C1	FBUS CABLE I/O TO CPU	E
	C-1A-7414428-0-0	DOOR PIVOT TOP	M		D-1C-KL10-0-10C2	FBUS CABLE I/O TO CPU	E
	C-1A-7414615-0-0	MOUNTING PLATE, CAPACITOR BOX	M		D-1C-KL10-0-SEUS	SBUS CABLE MEMORY TO CPU	E
	A-DC-7415437-0-0	DECAL PWR	M		D-1C-KL10-0-FBUS	FBUS CABLE	E
	D-1A-7414529-0-0	SUPPORT, POWER SUPPLY	M		D-CS-KL10-0-UBCI	UNIBUS CABLE IN	E
	C-MD-7414318-0-0	KEY BUTTON	M		D-CS-KL10-0-URCO	UNIBUS CABLE OUT	E
	D-MD-7415271-0-0	PLATE FAN MTG (I/O)	M		A-PL-KL10-E-SH	SHIP LIST	E/M
	C-MD-7415200-0-0	PLATE PIVOT	M		A-SP-KL10-C-PL	PACKAGING INST CTIONS	M
	C-1A-7415108-0-0	BRACKET TOP DOOR LATCH	M		C-MD-7418502-0-0	H760 PWR SUPPLY COVER PLATE	M
	C-1A-7415107-0-0	BRACKET BOTTOM DOOR LATCH	M		A-PL-DTE20-0-0	10/11 INTERFACE MODULE SET (SEE BELOW)	E/M
	C-1A-7013059-0-0	STRAP, GROUND	M		D-UA-M8552-0-0	10/11 DATA PATH	E/M
	D-MD-7415394-0-0	SHIELD	M		B-DD-M8552-0	M8552 DRAWING DIRECTLY	E/M
	B-1A-7415268-0-0	SUPPORT SHIELD	M		D-UA-M8553-0-0	10/11 BUS AND DATA CONTROL	E/M
	B-MD-7416512-0-0	PIN DOOR RETAINER	M		B-DD-M8553-0	M8553 DRAWING DIRECTORY	E/M
	A-DC-7406872-0-0	DECAL POWER HARNESS	M		D-UA-M8554-0-0	10/11 BUS DATA CONTROL	E/M
	B-MD-7411296-0-0	SPACER HEAT SINK	M		B-DD-M8554-0	M8554 DRAWING DIRECTORY	E/M
	A-DC-7412561-0-0	DECAL POWER INTERLOCK	M		C-1A-5408780-1-0	PRIORITY PLUG	E/M
	C-1A-7415201-0-0	PLATE ADAPTER	M		D-AD-7015507-0-0	CSA LOCKING KIT	M
	C-1A-7415410-0-0	RETAINER FILTER	M		D-MD-7419785-0-0	INTER CABINET DRIP SHIELD	M
	C-MD-7415438-0-0	FILLER STRIP	M		D-1A-7413405-0-0	PANEL FILLER H7420	E/M
	C-MD-7415476-0-0	COVER SHIELD	M		D-1A-7016447-0-0	ASSEMBLY STRAIN RELIEF	E/M
	B-MD-7415420-0-0	BRACKET MEM #1	M				
	C-MD-7415400-0-0	BRACKET LEFT SIDE (CPU)	M				
	C-MD-7415399-0-0	BRACKET RIGHT SIDE (CPU)	M				
	B-MD-7415413-0-0	BRACKET NO. 1 (I/O)	M				
	B-MD-7415412-0-0	BRACKET NO. 2 (I/O)	M				
	A-DC-7415445-0-0	DECAL, CAUTION	M				
	C-1A-7415646-0-0	PLATE, ADAPTER	M				
	D-1A-7415649-0-0	BRACKET, CABLE ROUTING	M				
	C-MD-7415648-0-0	INSULATOR	M				
	D-MD-7415625-0-0	BRACKET, STRAIN RELIEF	M				
	D-1A-7415826-0-0	SUPPORT, STRAIN RELIEF	M				
	J-1A-7009419-0-0	HARNESS DC TOP (CPU)	E/M				
	J-1A-7010855-0-0	HARNESS DC BOTTOM (CPU)	E/M				
	J-1A-7009427-0-0	HARNESS SENSE (CPU)	E/M				
TYPE: E ELECTRICAL M MECHANICAL E/M ELECTRO/MECHANICAL				TITLE ARITHMETIC PROCESSOR KL10-E			
DRB 10. A				SHEET 6 OF 17			
				NUMBER KL10-E			

172

FIND NO.	DRAWING NO.	DESCRIPTION	TYPE	FIND NO.	DRAWING NO.	DESCRIPTION	TYPE
35	E-UA-H7420-0-0 B-DD-H7420-0	POWER SUPPLY H7420 H7420 DRAWING DIRECTORY	E/M E/M	40	D-IA-7414737-0-0 C-SS-7414747-0-1 C-SS-7414747-0-2 C-SS-7414747-0-3 C-SS-7414747-0-4	PANEL INDICATOR SILKSCREEN (LIGHT GRAY) SILKSCREEN (DARK GRAY) SILKSCREEN (BRIGHT BLUE) SILKSCREEN (BRIGHT COPEL BLUE)	M M M M M
36	E-UA-H744-0-0 B-DD-H744-0	+5V REGULATOR H744 DRAWING DIRECTORY	E/M E/M	41	A-PL-7010865-0-0 B-MD-7413486-0-0	SHIPPING BRACKET BRKT, SHIPPING	M M
37	E-UA-H745-0-0 B-DD-H745-0	-15V REGULATOR H745 DRAWING DIRECTORY	E/M E/M	42	D-IA-7010167 ~~C-MD-7412442-0-0~~ ~~C-SS-7412442-0-0~~ C-MD-7412443-0-0	SUPPORT HARNESS BRACKET CABLE RETAINING ~~LATCH CABLE RETAINING~~ CABLE HOLDER	M M M M
38	E-UA-861-0-0 B-DD-861-0	POWER CONTROL 861 861 DRAWING DIRECTORY	E/M E/M	43	E-AD-7009878-0-0 E-IA-7411731-0-0 D-IA-7411867-0-0 D-IA-7411868-0-0 C-ED-7411873-0-0 B-MD-7412614-0-0 C-IA-7412340-0-0 R-MD-7410941-0-0 B-DC-5308754-0-0 C-IA-7411829-0-0 D-CS-7009878-0-1	CAPACITOR BOX ASSY BOX CAPACITOR BUSSING PLATE BUSSING PLATE TOP PROTECTION PLATE STAND-OFF PALE/FEMALE HOLD LOW CAPACITOR STRAIN RELIEF CABLE DECAL 21 POINT PLATE MFG CIRCUIT SCHEMATIC	M M M M M M M M M M M
39	A-PL-7011769-0-0 D-CS-5409701-0-1	CONSOLE REWORK CONSOLE (MY11-D)	M E				
TYPE: E ELECTRICAL M MECHANICAL E/M ELECTRO/MECHANICAL				TITLE ARITHMETIC PROCESSOR KL10-E			SIZE CODE B DD
DRB 108A				SHEET 11 OF 17			NUMBER KL10-E

LN-01062 2C-16-A376-(325)

FIND NO.	DRAWING NO.	DESCRIPTION	TYPE	FIND NO.	DRAWING NO.	DESCRIPTION	TYPE
55	D-1A-7009772-0-0	SCREEN WELDMENT #1	M		D-CS-W516-0-1	L.V. DETECTOR	E/M
	C-MD-7411708-0-0	BRACKET SCREEN #1	M		D-CS-W8815-0-1	CONTROL LOGIC	E/M
	C-MD-7411555-0-0	PROTECTION SCREEN #1	M		D-CS-W8317-0-1	INDICATOR DRIVER	E/M
					D-CS-W7030-0-1	POWER SUPPLY	E/M
56	D-1A-7009773-0-0	SCREEN WELDMENT #2	M	59	C-AD-7009632-0-0	WIRED ASSY 863	E/M
	D-MD-7411709-0-0	BRACKET SCREEN #2	M		B-MD-7409756-0-0	MTG BAR CONN BLOCK	M
	D-MD-7411557-0-0	PROTECTION SCREEN #2	M		A-WT-7009632-0	AWT STATUS SHEET	S
57	C-1A-7010818-0-0	CAPACITOR SUPPORT WELDMENT	M	60	C-1A-7010455-0-0	CONN HOUSING ASSY	M
	C-1A-7413132-0-0	PLATE CAP MOUNTING	M		C-1A-7012904-0-0	CONN HOUSING PART 1	M
	C-1A-7413456-0-0	BRACKET CAP MOUNTING	M		C-1A-7012905-0-0	CONN HOUSING PART 2	M
58	E-UA-863-0-0	POWER CONTROLLER 863	E/M				
	A-PL-863-0-0	POWER CONTROLLER 863 (P.L.)	E/M	61	E-AD-7012278-0-0	LOGIC ASSY RH20 DTE20	E/M
	E-1A-7412283-0-0	CHASSIS POWER CONTROL	M		A-PL-7012278-0-0	LOGIC ASSY RH20 DTE20 (P.L.)	E/M
	E-1A-7412256-0-0	PANEL FRONT	M		D-UA-M8559-0-0	I/O BOX CLOCK DISTRIBUTION	E/M
	D-1A-7412187-0-0	SUPPORT FILTER NO. 1	M		B-DD-M8559-0	M8559 DRAWING DIRECTORY	E/M
	D-1A-7411290-0-0	COVER POWER CONTROL	M				
	C-1A-7412113-0-0	CONN BRACKET NO. 1	M				
	D-1A-7412113-0-0	CONN BRACKET NO. 2	M				
	E-DC-7413472-0-0	DECAL 863 PWR CONTROL	M				
	E-1A-7412278-0-0	PANEL SLIDE	M				
	C-MD-7412283-0-0	CONN BRACKET NO. 3	M				
	C-1A-7413005-0-0	PLATE OUTLET 30 AMP	M				
	D-1A-7010732-0-0	HARNESS CAPACITOR	E/M				
	D-1A-7010734-0-0	HARNESS DC NO. 5	E/M	62	E-1A-7009859-0-0	COOLING ASSY	M
	E-1A-7010585-0-0	HARNESS DC NO. 2	E/M		D-1A-7411599-0-0	DOOR RIGHT	M
	E-1A-7010586-0-0	HARNESS DC NO. 1	E/M		D-1A-7411600-0-0	DOOR LEFT	M
	D-1A-7010731-0-0	HARNESS AC NO. 4	E/M		B-1A-7411607-0-0	BRACKET MICROSWITCH	M
	D-1A-7010733-0-0	HARNESS FAULT INDICATOR	E/M		B-MD-7411498-0-0	PLATE COVER	M
	E-1A-7010587-0-0	HARNESS DC NO. 3	E/M		C-MD-7412366-0-0	COVER CABLE	M
	E-1A-7010583-0-0	HARNESS TRANSFORMER AC	E/M				
	D-CS-863-0-1	CIRCUIT SCHEMATIC	E				
TYPE: E ELECTRICAL M MECHANICAL E/M ELECTRO/MECHANICAL				TITLE ARITHMETIC PROCESSOR KL10-E		SIZE CODE B CD	NUMBER KL10-E

CH 61063 25 JAN 74 (122)

REF 108A

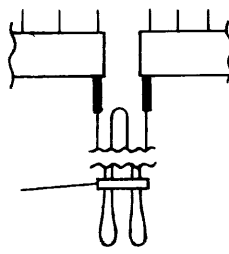
MK



		DESCRIPTION		DWG./PART NO.		ITEM NO.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES							
ANGLES 10° 30'		CLASS OF ACCURACY (CHECK ONE)		NOMINAL DIMENSION RANGE INCHES			
SURFACE QUALITY		IN		OVER 0	OVER 0.2	OVER 1.2	OVER 12.0
				TO 0.2	TO 1.2	TO 12.0	TO 40.0
QUANTITY & VARIATION		MICROMETERS		MEDIUM ☐	±.005	±.012	±.024
				PREPARED ☐	±.012	±.018	±.025
THIRD ANGLE PROJECTION		DRN. 14-77		FIRST USED ON			
		CHKD. 14-77		KL10-E digital			
REMOVE BURS AND BREAK SHARP CORNERS		ENG. 14-77		TITLE			
DO NOT SCALE DWG		PROJ. 14-77		ARITHMETIC PROCESSOR			
MATERIAL		PROD. 14-77		SIZE		CODE	NUMBER
FINISH		NEXT HIGHER ASSY.		D UA		KL10-E-0	REV. L
		B-DD-KL10-E		DIS.			
		SCALE NONE					
		SHEET 1 OF 36					

"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.
© 1977 DIGITAL EQUIPMENT CORPORATION"

NOTES:

1. THERE IS AN INTERLOCK ARRANGEMENT IN EFFECT BETWEEN THE STABILIZER ARMS AND THE 11/40 AND PERIPHERALS DRAWER. NEITHER DRAWER WILL SLIDE OUT UNTIL THE STABILIZER ARM ASSOCIATED WITH THAT DRAWER IS FULLY EXTENDED. BOTH STABILIZER ARMS SHOULD BE EXTENDED WHEN EITHER DRAWER IS PULLED OUT IN ORDER TO PROVIDE AN ADDED FACTOR OF STABILITY.
(SEE SHEET #4)
 2. IF NO ADDITIONAL OPTIONS ARE PRESENT, THERE WILL BE NO ADDITIONAL UNIBUS CABLE OUT. THE M800 TERMINATOR WILL BE INSTALLED IN SLOT A004 (OR A005) OF THE LAST OPTION ON THE UNIBUS. THE BC11A CABLE ITSELF WILL BE PART OF THE EXPANSION CABINET PACKAGE. (SEE SHEETS #6, 10 & 11)
 3. IF NO SECOND LP20 OPTION IS INSTALLED, THIS SPACE WILL NOT BE USED FOR ANY OTHER OPTION.
(SEE SHEET #6)
 4. ALL OPTIONS WILL BE INTERCONNECTED WITH TWO FOOT UNIBUS CABLES (BC11A-B2) INSTEAD OF THE USUAL M820 JUMPER MODULE. THESE CABLES WILL BE FOLDED AND TIE WRAPPED AS SHOWN BELOW:
(SEE SHEET #6)
- 
- TIE WRAP
5. IF NO SECOND DC20 OPTION IS INSTALLED, THIS SPACE WILL NOT BE USED FOR ANY OTHER OPTION. UNIBUS CONNECTIONS BETWEEN THE FIRST DH11 AND THE LP20 WILL BE MADE BY USING AN UNFOLDED, UNTIE-WRAPPED BC11A-B2. (SEE SHEET #6)
 6. NO CURRENT LOOP OR INTEGRAL MODEM CAPABILITY PROVIDED IN BASIC PACKAGE. (SEE SHEET #6)
 7. SEE DETAIL DRAWINGS ON SHEETS 9, 10, 11 AND 12 FOR CABLE ROUTING AND FOLDING INFORMATION.
 8. TO INSTALL BC00S CABLES ON M8000 IN SLOT A007, REMOVE M7021 IN SLOT A00, FOLD CABLES AS SHOWN IN DETAIL "C", INSERT IN J1 AND J2, RESPECTIVELY, WITH SHIELD SIDE AGAINST BOARD, AFTER FIRST HAVING RUN CABLES DOWN FROM THE CABLE TROUGH THRU THE MODULES, AND REINSERT ALL MODULES. (SEE SHEET #9)
 9. TO INSTALL CABLES ON M7007 IN SLOT C00F01 AND M7008 IN SLOT C00F02, REMOVE M7021 IN SLOT A02 AND M7006 IN SLOT B02, FOLD CABLES AS SHOWN IN DETAIL "C", INSERT IN J1 AND J2 OF BOTH BOARDS, RESPECTIVELY, WITH WIRE SIDE AGAINST BOARD, AFTER FIRST HAVING RUN CABLES DOWN FROM THE CABLE TROUGH THRU THE MODULES, AND REINSERT ALL MODULES. (SEE SHEET #9)
 10. LEAVE SUFFICIENT SERVICE LOOP SO THAT DRAWER CAN BE PULLED ALL THE WAY OUT WITHOUT CREATING TENSION ON THE CABLES. TIEWRAP CABLE BUNDLE AS REQUIRED.
 11. THE CONTROLLER FOR THE RX01 (M7046) IS LOCATED IN SLOT C00F03 OF DH11-B IN THE 11/40 DRAWER. (SEE SHEET #10)
 12. INSTALL ITEM #83 (VINYL FOAM TAPE) BETWEEN UNIBUS AND OTHER CABLES WHERE UNIBUS GOES THRU CABLE CLAMPS. ALSO INSTALL ON UNIBUS CABLES THAT GO BETWEEN CABINETS. ~~AND ON THE RIGHT HAND SIDE OF THE FRONT PANEL ASSEMBLY WHERE UNIBUS AND COMMUNICATION CABLES ARE RUN.~~

13. DC20-AA WILL CONTAIN ONLY THE TWO BC00R AND ONE BC00S CABLES IN SLOTS J16, J17, AND J18. DC20-AD WILL CONTAIN ALL FOUR BC00R AND TWO BC00S CABLES IN SLOTS J16, J17, J18, J19, J20, AND J21 AS SHOWN. A DC20-DA UPGRADE KIT WILL INCLUDE TWO BC00R AND ONE BC00S CABLES FOR USE IN SLOTS J19, J20 AND J21 IF THE USER DESIRES TO UPGRADE FROM A DC20-AA TO -AD.
(SEE SHEET #11)
14. THE BC00R-16 LP20 CABLE IS PART OF THE LP20 PACKAGE. ONE END WILL CONNECT TO THE BERG CONNECTOR (J1) ON THE M8007 MODULE IN SLOT ABCDEF03 OF THE LP20 OPTION (R18 (WIRE) SIDE TOWARD MODULE, RED LINE AWAY FROM HANDLE). THE OTHER END WILL CONNECT TO THE CENTER SLOT OF THE RECEPTACLE HOUSING ASSEMBLY (ITEM #81) MOUNTED IN THE CONNECTOR PANEL (ITEM #80) (RED LINE UP). THERE IS ONE CONNECTOR FOR EACH DEVICE MARKED "LP20 #1" AND "LP20 #2", RESPECTIVELY. A SEPARATELY FORECAST AND SUPPLIED 7011426-XX CABLE IS REQUIRED TO CONNECT THE LINE PRINTER ITSELF WITH THE OTHER SIDE OF THE RECEPTACLE HOUSING ASSEMBLY (ITEM #81). FOUR LENGTHS OF CABLE ARE AVAILABLE AS STANDARD ITEMS, 25 FT. (XX-25), 50 FT. (XX-50), 75 FT. (XX-75), AND 100 FT. (XX-100).
(SEE SHEETS #3, 10 & 11)
15. ALL BC00S AND BC00M CABLES, MODEMS AND TERMINALS MUST BE SEPARATELY FORECASTED AND SUPPLIED WHEN REQUIRED.
(SEE SHEET #12)
16. "XX" IS TYPICALLY 25 FT. FOR THE BC00S CABLE. CONDITIONS STATED IN EIA SPECIFICATION RS-232-C MUST BE ADHERED TO REGARDLESS OF CABLE LENGTH.
(SEE SHEET #12)
17. ACCEPTABLE CUSTOMER EQUIVALENT CABLE FOR GUARANTEED OPERATION IS BELDON 8777. (SEE SHEET #12)
18. IF DATA RATE IS 2400 BAUD OR LESS, "XX" MAY BE ANY LENGTH UP TO 1000 FT. IF DATA RATE IS GREATER THAN 2400 BAUD, "XX" MUST NOT EXCEED 250 FT. IF TWO CABLES ARE USED TOGETHER (I.E. BC00M & BC00S), THEIR COMBINED LENGTH MUST NOT EXCEED 1000 FT. OR 250 FT., RESPECTIVELY. THE MAXIMUM DATA RATE OF ANY LINE IS 9600 BAUD. CONDITIONS STATED IN EIA SPECIFICATION RS-423 MUST BE ADHERED TO REGARDLESS OF CABLE LENGTH.
(SEE SHEET #12)
19. AFFIX LP20 DECAL (ITEM #86) TO CONNECTOR PANEL (ITEM #80) DIRECTLY ABOVE THE TWO RECEPTACLE HOUSING ASSEMBLIES (ITEM #81) IN SUCH A MANNER THAT THE APPROPRIATE TEXT APPEARS OVER EACH CONNECTOR. (SEE SHEET #3)
20. THE H317-B DISTRIBUTION PANEL PROVIDES FOR SEVERAL JUMPER SELECTIONS (SEE SHEET 13). THE DATA TERMINAL READY (DTR) AND REQUEST TO SEND (RTS) LEADS ARE NORMALLY STRAPPED TO A POSITIVE ON VOLTAGE. THIS STRAPPING MUST BE REMOVED FOR LINES THAT USE A FULL MODEM CONTROL ARRANGEMENT IN WHICH THE MODEM CONTROL SIGNALS ARE COMBINED WITH THE DATA SIGNALS ON THE DISTRIBUTION PANEL. THE STRAPPING MUST REMAIN IN FOR LINES WHICH USE ONLY THE DATA SIGNALS.
21. BC00S CABLES ARE SOMETIMES NEITHER MARKED NOR KEYED AND IF THEY ARE IMPROPERLY INSTALLED, THEY CAN CAUSE DAMAGE TO THE EQUIPMENT. ON THE H317-B DISTRIBUTION PANEL, THE R18 (WIRE) SIDE OF THE CABLE MUST BE AWAY FROM THE PANEL MODULE. ON THE M8000 IN THE DH11, THE SMOOTH (SHIELD) SIDE OF THE CABLE MUST BE AWAY FROM THE MODULE. (SEE DETAIL "J" ON SHEET 9). THIS METHOD SHOULD BE USED ONLY IF BERG CONNECTORS ON THE BC00S CABLES ARE NEITHER UNMARKED NOR KEYED. IF THE CABLES ARE MARKED OR KEYED, THEY CAN BE INSTALLED AS SHOWN IN DETAIL "C" ON SHEET 9 OR DETAIL "H" ON SHEET 11.

22. FOLDING PROCEDURE FOR CABLES SHOWN ON SHEET 9, IN DETAIL D (16 LINES).
 - A. ARRANGE CABLES AS SHOWN IN DETAIL "C" (SHEET 9).
 - B. BEGIN BY FOLDING J21 AS SHOWN IN DETAIL "D" (SEE TYPICAL FOLD)
 - C. FOLD J19 SAME AS J21
 - D. INSERT FOLD CREATED BY J19 INTO POCKET OF FOLD CREATED BY J21
 - E. RUN J18, J16, AND J17 THROUGH POCKET CREATED BY FOLD OF J19 AND J21
 - F. FOLD J18 ONE INCH FROM LAST FOLD AS SHOWN IN DETAIL "D". RUN J16 THROUGH POCKET OF FOLD CREATED BY J18
 - G. FOLD J16 ONE INCH FROM LAST FOLD AS SHOWN IN DETAIL "D"
 - H. TIE WRAP EVERY THREE INCHES OR AS NEEDED
23. FOLDING PROCEDURE FOR CABLES SHOWN ON SHEET 9, IN DETAIL "D" (8 LINES):
 - A. ARRANGE J17, J16, J18 AS SHOWN IN DETAIL "C" (SEE TYPICAL FOLD).
 - B. BEGIN FOLDING J18 AS SHOWN IN DETAIL "D". RUN J16 THROUGH POCKET OF FOLD CREATED BY J18.
 - C. FOLD J16 ONE INCH FROM LAST FOLD AS SHOWN IN DETAIL "D".
 - D. TIE WRAP EVERY THREE INCHES OR AS NEEDED.
24. REAR DOORS (ITEMS #9 & 74) ARE PLACED OVER SLIP HINGES (ITEMS #111 & 104). (SEE SHEET #18)
25. KEY SWITCH IS TO BE LEFT IN UNLOCKED POSITION. (SEE SHEET #3)
26. POINT 65 & 66 OF FAULT HARNESS (ITEM #28) CRIMPS TOGETHER TO POINTS 130 & 129 OF I/O DC HARNESS (ITEM #102) WITH CONTACT PIN (ITEM #130) AND IS INSERTED INTO CPU VANE SWITCH ASSY J1. CRIMPING POINT 65 AND 130 INSERT INTO J1-3; POINT 66 AND 129 INSERT INTO J1-1.
27. FOR LOWEST ACCEPTABLE REVISION LEVEL OF ELEMENTS OF CONSOLE PROCESSOR (ITEMS #11 & 12) ASSEMBLY SEE: D-UA-7011410-0-0.
28. REMOVE (2) 1/4-20 STUDS FROM EACH OF THE THREE CABINETS, (ONE IN EACH BOTTOM MEMBER). BEFORE EQUIPMENT IS MOUNTED. REFERENCE SHEET 20, AREA C-6 FOR LOCATION.
29. INSTALL WIRE GROUND STRAP, ITEM 213 TO THE WELDED INSERT ON 11/40 AND PERIPHERAL DRAWER. DRESS WIRE GROUND STRAP ALONG FLEXIBLE CABLE GUIDE AND SECURE AT FRONT INSIDE CABINET FRAME WITH ITEMS NO. 71, 72 & 131. INSURE THAT EXTERNAL TOOTH STAR WASHER IS INSTALLED BETWEEN FRAME SURFACE AND GROUND LUG. (SEE SHEET 4 "REAR VIEW")
30. INSURE THAT EXTERNAL TOOTH STAR WASHER IS INSTALLED BETWEEN FRAME SURFACE AND GROUND LUG. REFERENCE DEC STANDARD WORKMANSHIP #116 FOR PROPER SCREW TORQUING ON ALL GROUND STRAPS.
31. INSURE THAT REFERENCED POINTS ARE TORQUED TO THE FOLLOWING NOMINAL VALUES:
1/4-20 THD 50 IN-LB
1/4-20 THD 72 IN-LB
5/16-18 THD 132 IN-LB
32. ~~INSTALL KIT PER ITEM 217 WHEN E.C. 435- EQUIPMENTS MUST BE MET~~
33. INSTALL ITEM #224 TO ALL CABINETS PRIOR TO BOLTING CABINETS TOGETHER
34. "P2" OF THE DB11-A BUS REPEATER IS NOT TO BE PLUGGED IN.

35. INSTALL CSA LOCKING KIT (ITEM 232) PER D AD-7015507-0-0
36. ~~GROUND FAN (ITEM 41) VIA INSTALLING 8 EXTERNAL TOOTH LOCKWASHER (ITEM 214) BETWEEN THE FRONT FAN FINGERGUARD (ITEM 101) AND THE FAN MOUNTING PLATE (ITEM 105). MAKE THIS CONNECTION AT THE LOWER FAN/FINGER GUARD MOUNTING HOLE.~~
37. IN THE I/O AND MB20(S) CAB. CASE ASSY., THERE WILL BE AN ASSORTMENT OF MODULE SIMULATORS (P/N 7420793) PRESENT. THESE ARE NEEDED ONLY FOR CERTAIN MODULE CONFIGURATIONS. IF ADDITIONAL I/O OR MEMORY MODULES ARE NEEDED, THE RULE TO FOLLOW IS:
 1. LEAVE THE SIMULATORS IN PLACE WHENEVER POSSIBLE.
 2. REMOVE SIMULATORS ONLY WHEN THEY OBSTRUCT A MODULE TO BE INSERTED.
 3. ALWAYS LEAVE ONE EMPTY SLOT ON EACH SIDE OF A MODULE GROUPING TO ALLOW AIR FLOW ACROSS ALL MODULES.
38. MEMORY AS ASSOCIATED WITH KL10-E-VARIATIONS IS INDICATED IN THE FOLLOWING TABLE:

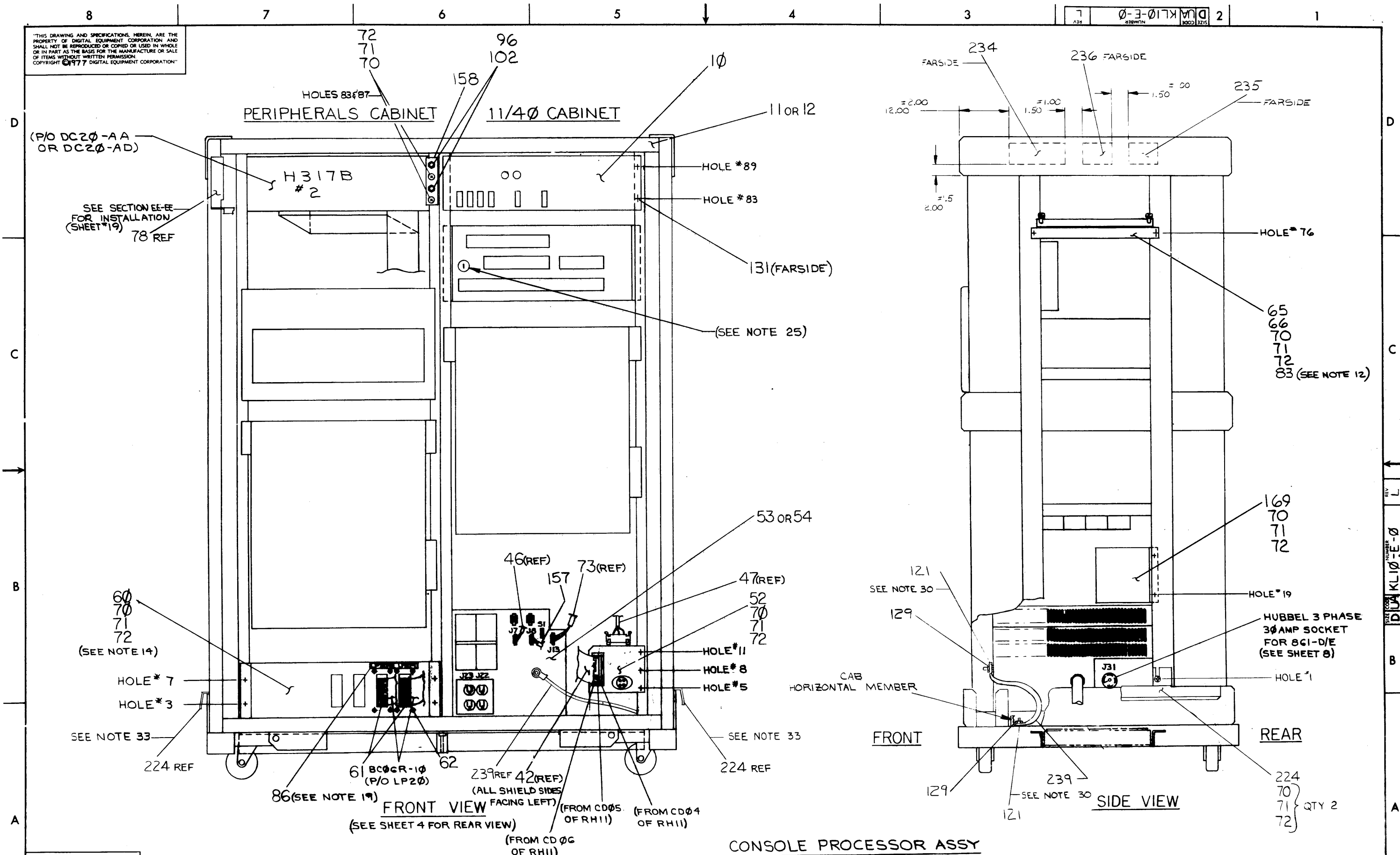
VARIATION	MEMORY	ITEM NO.	TYPE
KL10-EA	MB20-GA	140	CORE
	MB20-GC	210	CORE
	MB20-E	243	CORE
KL10-EB	MB20-GB	141	CORE
	MB20-GD	211	CORE
	MB20-E	243	CORE
KL10-EE	MF20-LA	244	MOS
KL10-EH			
KL10-EF	MF20-LB	245	MOS
KL10-EJ			

FOR INFORMATION PERTAINING TO ITEM 140, 141, 210, 211, OR 243 REFER TO E-UA-MB20-0-0.
FOR INFORMATION PERTAINING TO ITEM 244 OR 245, REFER TO E-UA-MF20-0-0.

REVISIONS		
CHK	CHANGE NO	REV

TITLE		SIZE CODE	NUMBER	REV.
ARITHMETIC PROCESSOR DUA			KL10-E-0	L
SCALE	SHEET 2 OF 36	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 © 1977 DIGITAL EQUIPMENT CORPORATION"



REVISIONS		
CHK	CHANGE NO	REV

TITLE		SIZE CODE	NUMBER	REV.
ARITHMETIC PROCESSOR		DUA KL10-E-0		L
SCALE		SHEET	3 OF 36	DIST.



8

7

6

5

4

3

7

0-3-017X MD 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 ANY EQUIPMENT WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1977, DIGITAL EQUIPMENT CORPORATION.

SHIELD SIDE AGAINST BOARD
(BOTH CABLES)

(TO M7231) J1

(TO M7235) J2

WIRE SIDE

(FRONT VIEW OF 11/4" CONSOLE)

BC05F-15 CABLE
CONNECT TO CABLE
CONVERSION PLATE ASSY
(ITEM#52)

(OUTSIDE WIRES ARE RED & WHITE)

BC06R-12 CABLES
CONNECT TO CABLE
CONVERSION PLATE ASSY
(ITEM#52) (SEE SHEET 3)

BC05L-15 CABLE
CONNECT TO BERG
CONNECTOR ON
M7226 MODULE
IN RX01

CONNECT 7011025 CABLE (P2)
TO SWITCH PANEL ASSY (J1)
(ITEM#10)

BC11A-13 CABLE
CONNECT TO SLOT
HJ05 OF DTE 20 IN
THE I/O CAB. (BAY 2)

CONNECT TO
MODEM,
H315
MODEM TEST
CONNECTOR OR DOWN
LINE LOAD LINK
(WHICHEVER IS
APPLICABLE)

BC05F-15 CABLE

47

(SEE NOTE 10)

(OUTSIDE WIRES ARE GREEN AND BLACK)
CONNECT TO MATE-N-LOC CONN.
ON BM873

BC05L-15 CABLE
(PART OF RX11-BA/BD)
CONNECT TO BERG
CONNECTOR ON
M7846 (RX11)

BC05C-25 CABLES
(PART OF DL11-ES)
CONNECT TO BERG
CONNECTOR ON M7800S
(DL11-ES)

SHIELD SIDE

CONNECT TO J1
CONNECTOR ON M7235

CONNECT TO J1
CONNECTOR ON M7231

CONNECT TO CD06
OF RH11 (M5904)
CONNECT TO CD05
OF RH11 (M5904)
CONNECT TO CD04
OF RH11 (M5904)
(ALL SHIELD SIDES CONNECTOR ON M7800-YA
TOWARD MODULES) (DL11-C)

7008360 CABLE
CONNECT TO BERG
(PART OF DL11-C)

BC06R-12 CABLES

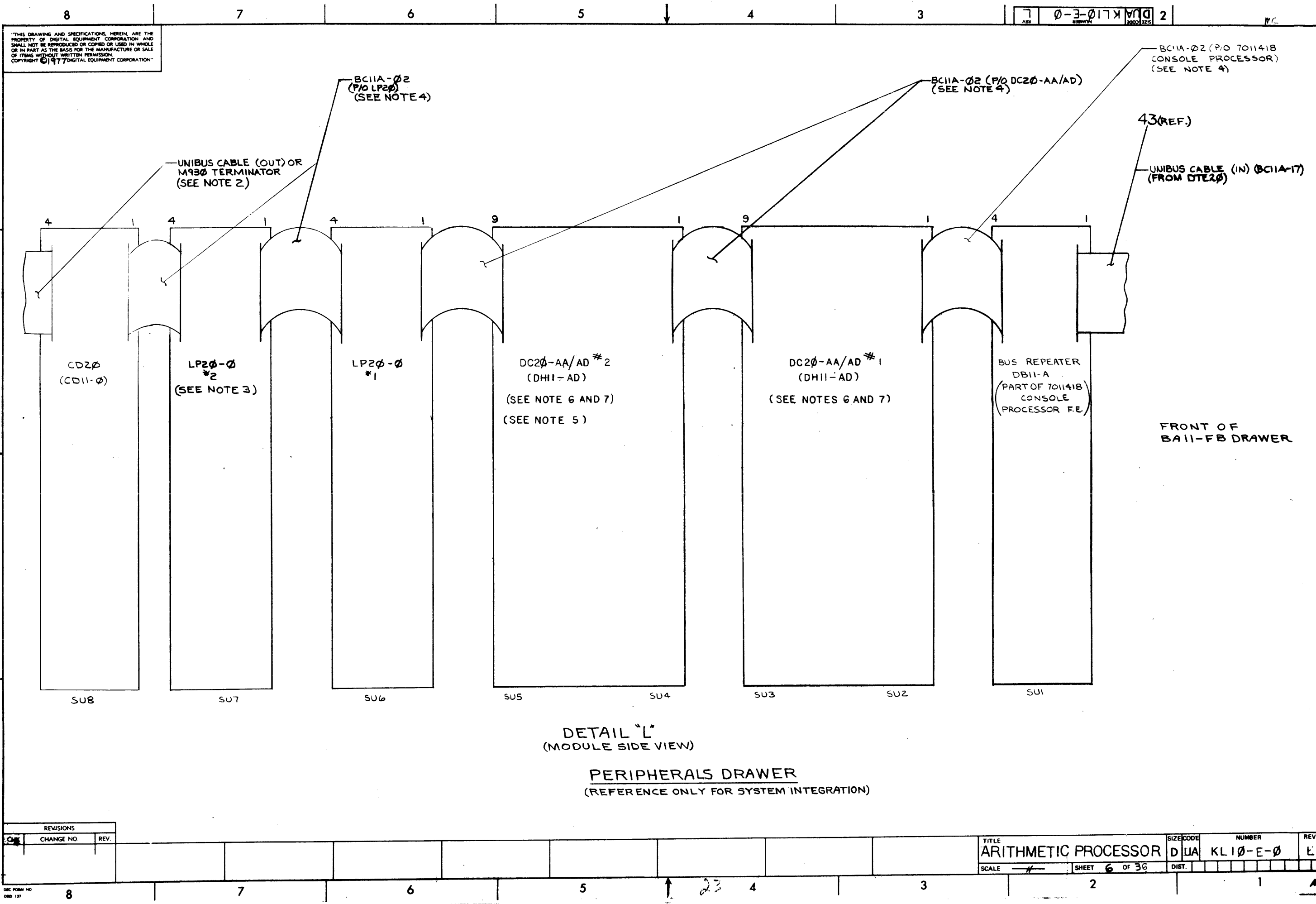
BC11A-13 CABLE
CONNECT TO SLOT
AB04 OF DD11-B

7011025 CABLE

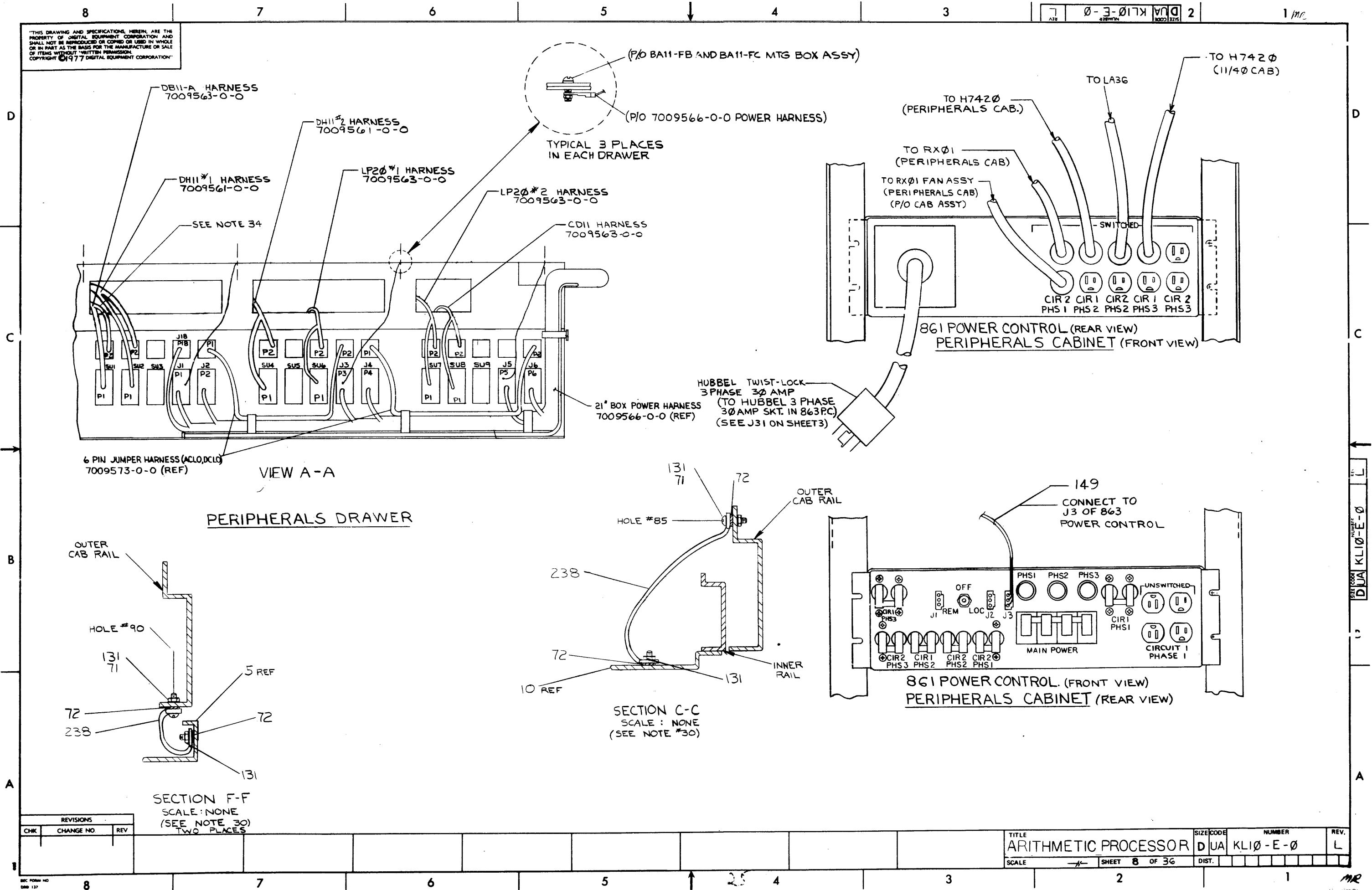
11/4" CABINET

REVISIONS		
CHK	CHANGE NO	REV

TITLE		SIZE CODE	NUMBER	REV.
ARITHMETIC PROCESSOR		DUA	KLI0-E-0	L
SCALE		SHEET	5 OF 36	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 OF DIGITAL EQUIPMENT CORPORATION"





8

7

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 © 1977 DIGITAL EQUIPMENT CORPORATION

7 0-3-017X 100 1215 2

D

D

BC05L-15 (FROM RX11-M7846)
(SEE NOTE 11)

(SEE DETAILS E, F AND H, SHEET *11)

BC06R-10 CABLE
TO LP20 CABLE
CONVERSION
PLATE ASSY
CONNECTOR #1
(P/O ITEM 01-01-01)

BC06R-10 CABLE
TO LP20 CABLE
CONVERSION
PLATE ASSY
CONNECTOR #2
(P/O ITEM 01-01-02)
(SEE NOTE 14)

UNIBUS (OUT)
(SEE NOTE 2)
(7008764 CABLE)
TO CR04 CARD
READER (P/O
CD20)

UNIBUS (IN) (BC11A-17)
(FROM DTE20 SLOT HJ06
IN BAY 2)

BC05L-15 CABLE
(TO RX01-M7726)
(P/O RX11-BA/BD)

43

UNIBUS (IN) (BC11A-17)
(TO CD11 SLOT AB01)

(SEE SHEET 9)

J16 (DH11*1 CDEF02-J1)
J18 (DH11*1 CDEF02-J2) } LINES
J17 (DH11*1 AB07-J2) } 0-7
J19 (DH11*1 CDEF01-J1)
J21 (DH11*1 CDEF01-J2) } LINES
J20 (DH11*1 AB07-J1) } 8-15
J16 (DH11*2 CDEF02-J1)
J18 (DH11*2 CDEF02-J2)
J17 (DH11*2 AB07-J2)
J19 (DH11*2 CDEF01-J1)
J21 (DH11*2 CDEF01-J2)
J20 (DH11*2 AB07-J1)
LP20 #1 (AB07-J1)
LP20 #2 (AB07-J1)

C

C

B

B

(SEE NOTE 10)

M957-YC (P/O 7008764)
CONNECT TO SLOT B02
OF CD11 CONTROLLER
(P/O CD20)

UNIBUS (OUT)
(SEE NOTE 2)

(SEE DETAILS C AND D SHEET 9)

PERIPHERALS CABINET

A

A

REVISIONS		
CHK	CHANGE NO	REV

TITLE		SIZE CODE	NUMBER	REV.
ARITHMETIC PROCESSOR		DUA	KLI0-E-0	L
SCALE	SHEET 10 OF 30	DIST.		

DWG FORM NO
DND 137

8

7

6

5

4

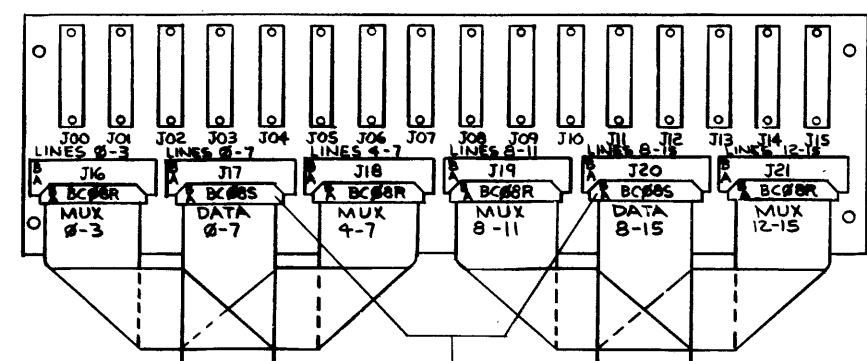
3

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 © 1977 DIGITAL EQUIPMENT CORPORATION

(CONTINUED IN DETAIL "F")



CONTINUED FROM DETAIL "F" (SEE DETAIL "J" SHEET 9)
 (SEE NOTES 13 AND 21)
 (SEE NOTES 13 AND 21)

DC20 *2
 TO H317-B *2
 (SEE DETAIL "F" #H)

DC20 *1
 TO H317-B *1
 (SEE DETAIL "F" #H)

- J20
- J21
- J19
- J17
- J18
- J16

(SEE DETAIL "H")

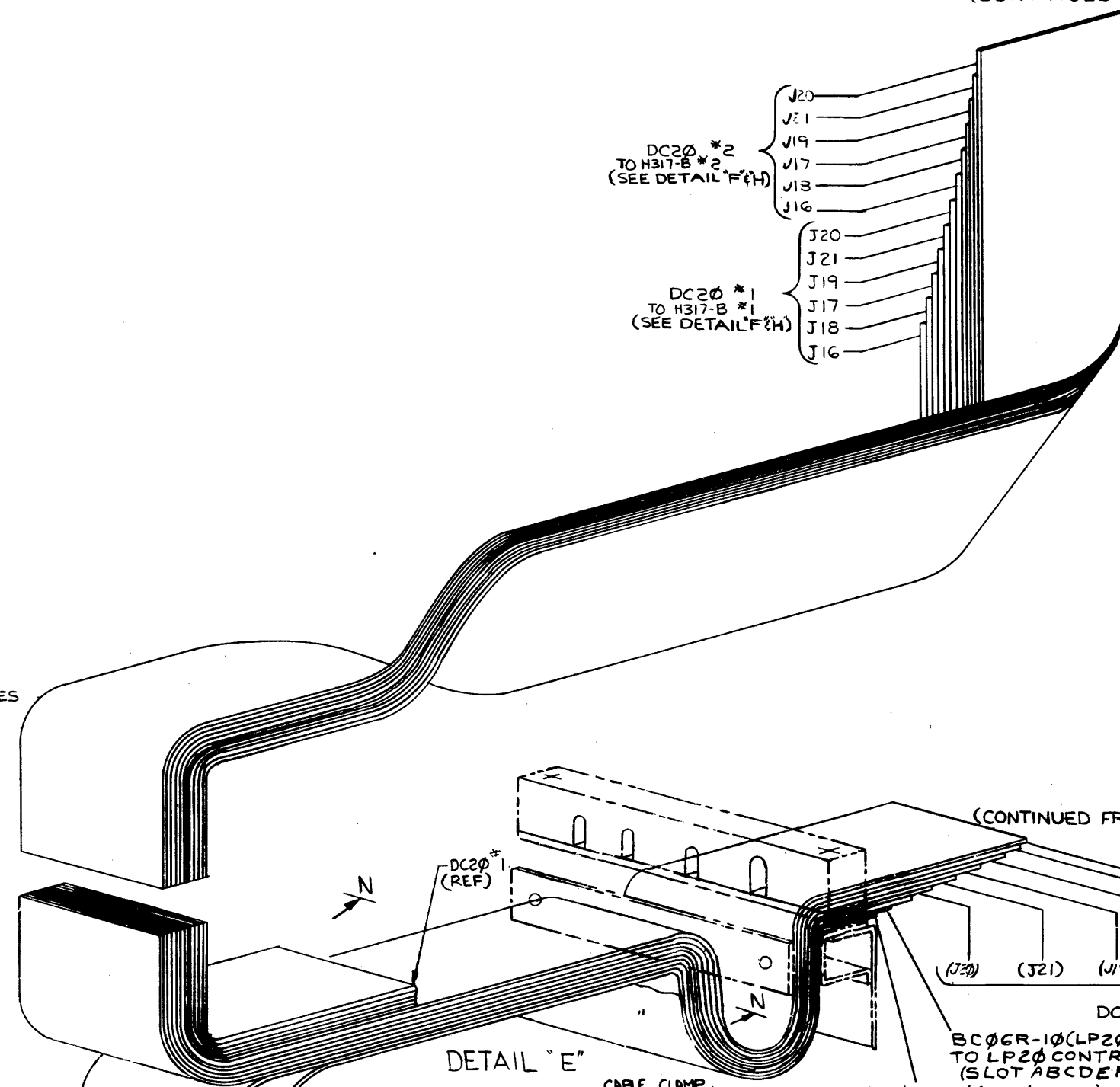
BC05D OR BC03M CABLES
 (SEE SHEETS 4 AND 12)

(SEE DETAIL "H")

TIE WRAP
 AS REQUIRED

(CONTINUED FROM DETAIL "E")

DETAIL "F"



DETAIL "E"

BC06R (P/O LP20 #1) TO CABLE CONVERSION CLAMP & STRAP PLATE (MIDDLE CONNECTOR #1 ON ITEM #60 AND #61) (SEE NOTE #14)
 BC06R (P/O LP20 #2) TO CABLE CONVERSION PLATE (MIDDLE CONNECTOR #2 ON ITEM #60 AND #61) (SEE NOTE #14)
 CUT LINK BETWEEN CABLE CLAMP & STRAP PLATE (MIDDLE CONNECTOR #1 ON ITEM #60 AND #61) (SEE NOTE #14)

(CONTINUED FROM DETAIL "D" SHEET 9)

- (J20)
- (J21)
- (J19)
- (J17)
- (J18)
- (J16)

DC20 *2 (REF)

BC06R-10 (LP20 CABLE) TO LP20 CONTROLLER #1 (SLOT ABCDEF03)
 BC06R-10 (LP20 CABLE) TO LP20 CONTROLLER #2 (SLOT ABCDEF03)

UNIBUS IN

83 (SEE NOTE 12)
 BC06R CABLE (LP20 #1)
 BC06R CABLE (LP20 #2)

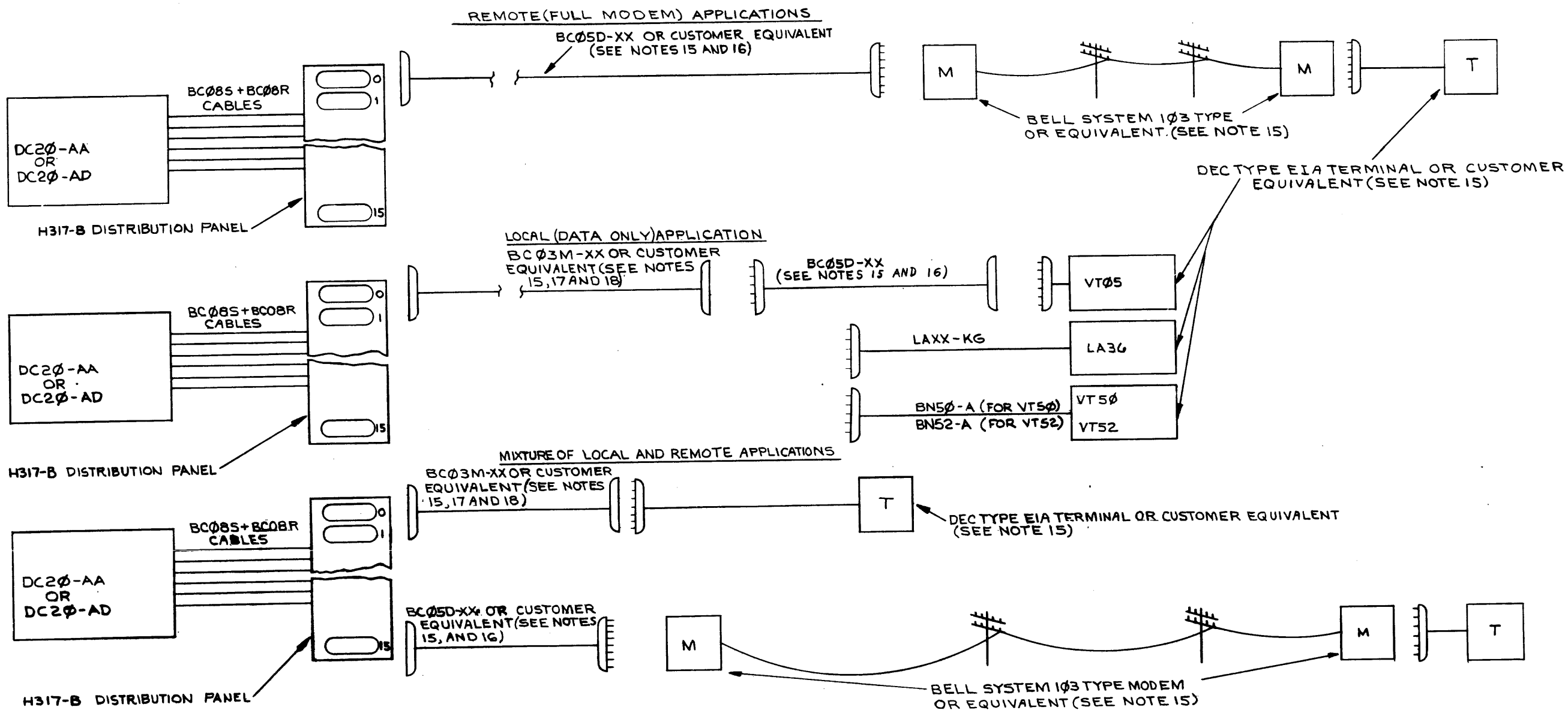
UNIBUS OUT (SEE NOTE 2)

VIEW N-N
 ROUTING OF CABLE GROUPS
 THRU BAIL-FB CABLE CLAMP

REVISIONS		
CHK	CHANGE NO	REV

TITLE		SIZE CODE	NUMBER	REV.
ARITHMETIC PROCESSOR		DUA	KLI0-E-0	L
SCALE		SHEET 11 OF 36	DIST.	

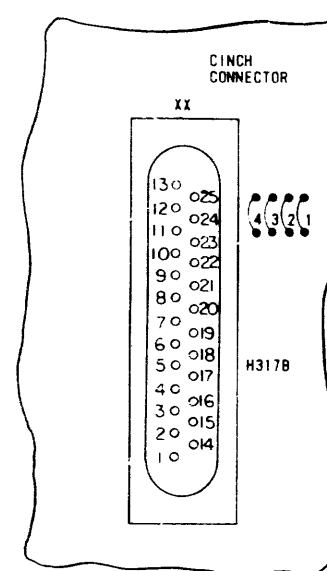
THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ANY EQUIPMENT WITHOUT WRITTEN PERMISSION. © 1977 DIGITAL EQUIPMENT CORPORATION



TYPICAL SYSTEM COMMUNICATIONS CABLING
(REFERENCE ONLY FOR INTEGRATION OF MODEMS AND TERMINALS)

REVISIONS		
CHK	CHANGE NO.	REV.

TITLE		SIZE CODE	NUMBER	REV.
ARITHMETIC PROCESSOR		DUA	KLI0-E-0	L
SCALE	SHEET	OF	DIST.	
1/2"	12	36		



* DON'T CARE CASES

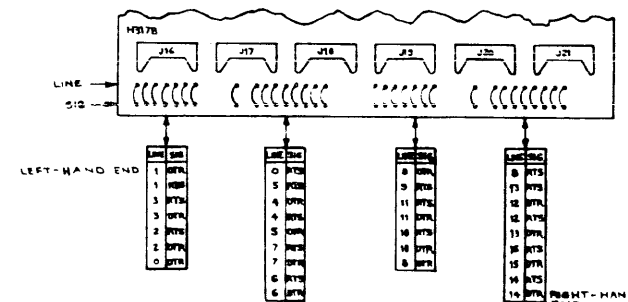
JUMPERS PIN 25 TO 4	_____
JUMPERS PIN 11 TO 14	_____
JUMPERS PIN 12 TO 16	_____
JUMPERS PIN 12 TO 17	_____

PIN NO.	SIGNAL	MODEM
4	REQ TO SEND	-
11	SEC TRANS DATA	BELL
12	SEC REC'D DATA	202
14	SEC TRANS DATA	
16	SEC REC'D DATA	E1A
17	RESTRAINT	811B
25	BUSY	103F G H

CINCH-CONNECTOR STRAPPING ON H317B DISTRIBUTION PANEL

1. IN SPECIAL CASES, ANY GIVEN SIGNAL FROM THE MODEM SHOULD BE PUT ON WHATEVER PIN REPRESENTS THAT SIGNAL ON THE W317-B DIST. PANEL WITH JUMPS 1, 2, 3, OR 4. CHECK MODEM SCHEMATIC AND COMPARE IT WITH THIS FIGURE.
2. BUS INITIALIZATION OF THE MODEM CONTROL MODULES (M7807 AND M7808) CAN BE INHIBITED BY REMOVING DH11 BACKPANEL WIRE F02B2 TO GROUND.
3. INTERRUPTS FOR ALL LINES MAY BE INHIBITED FOR CARRIER, RING, SEC RX, OR CLEAR TO SEND BY REMOVING THE WIRES LISTED BELOW:

DTR AND RTS STRAPPING ON H317-B DISTRIBUTION PANEL



(SEE NOTE 20)

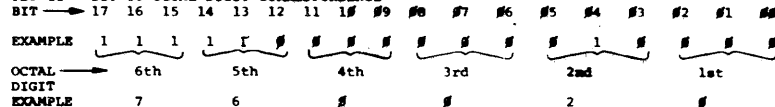
REVISIONS		
CHK	CHANGE NO	REV

OCTAL TO JUMPER CONVERSIONS

M7821									
VECTORS									
	18	7	6	5	4	3	2	1	0
300	OUT	IN	IN	OUT	OUT	OUT	OUT	IN	IN
304	OUT	IN	IN	OUT	OUT	OUT	OUT	IN	IN
310	OUT	IN	IN	OUT	OUT	OUT	OUT	IN	IN
314	OUT	IN	IN	OUT	OUT	OUT	OUT	IN	IN
320	OUT	IN	IN	OUT	OUT	OUT	OUT	IN	IN
324	OUT	IN	IN	OUT	OUT	OUT	OUT	IN	IN
330	OUT	IN	IN	OUT	OUT	OUT	OUT	IN	IN
334	OUT	IN	IN	OUT	OUT	OUT	OUT	IN	IN
340	OUT	IN	IN	OUT	OUT	OUT	OUT	IN	IN
344	OUT	IN	IN	OUT	OUT	OUT	OUT	IN	IN
350	OUT	IN	IN	OUT	OUT	OUT	OUT	IN	IN
354	OUT	IN	IN	OUT	OUT	OUT	OUT	IN	IN
360	OUT	IN	IN	OUT	OUT	OUT	OUT	IN	IN
364	OUT	IN	IN	OUT	OUT	OUT	OUT	IN	IN
370	OUT	IN	IN	OUT	OUT	OUT	OUT	IN	IN
400	IN	OUT	OUT	OUT	OUT	OUT	OUT	IN	IN
410	IN	OUT	OUT	OUT	OUT	OUT	OUT	IN	IN
420	IN	OUT	OUT	OUT	OUT	OUT	OUT	IN	IN
430	IN	OUT	OUT	OUT	OUT	OUT	OUT	IN	IN

* ALWAYS IN FOR M7821 IN LOCATION A#6

PDP-11 BIT TO OCTAL DIGIT CORRESPONDENCE



NOTE: I/O DEVICE ADDRESS IN '11 LITERATURE ARE VARIOUSLY GIVEN AS 76# 000 THRU 777 777 AND AS 16# 000 THRU 177 777. THESE ARE EQUIVALENT IN MACHINES WITHOUT MEMORY MANAGEMENT. WHENEVER BITS 15, 14 AND 13 ARE ALL "1" (16x xxx OR 17x xxx) THE PROCESSOR ALSO MAKES BITS 17 AND 16 "1" (76x xxx OR 77x xxx). [ON MACHINES WITH MEMORY MANAGEMENT (NOT STD ON 20 SERIES) I/O DEVICE ADDRESSES ARE IN PHYSICAL MEMORY AT 76# 000 THRU 777 777. THEY ARE ONLY AVAILABLE TO A PROGRAM IF SOME VIRTUAL ADDRESS AREA IS MAPPED INTO THIS PHYSICAL AREA.]

DH11-AD JUMPERS AND MODIFICATIONS.

M5706 LOCATION AB07 (DH11-AD) OPTIONS

BR LEVEL SELECT
BOTH BR PLUGS SHOULD BE
5408778 (LEVEL #5)
(AS SUPPLIED STANDARD)

M7821 LOCATION A#6

VECTOR LOCATION
W2 BIT 2 IN (ALWAYS)
W3 BIT 3
W4 BIT 4 IN FOR "1"
W5 BIT 5 OUT FOR "0"
W6 BIT 6 SEE TABLE OF
W7 BIT 7 OCTAL TO JUMPER
W8 BIT 8 CONVERSIONS
W9 NPR SPEED UP IN (ALWAYS)

M7821 LOCATION A#2

NPR CONTROL
ALL JUMPERS ARE "DON'T CARE"
ON THIS MODULE

DH11-AD MODEM CONTROL ADDRESS AND VECTORS

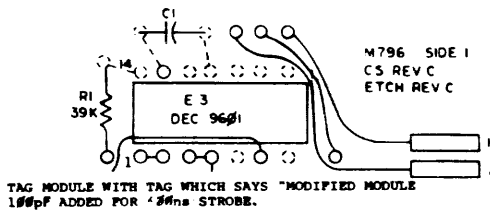
M7807 LOCATION C,D,E,F,H
VECTOR LOCATION
W2 BIT 2
W3 BIT 3 IN FOR "1"
W7 BIT 4 OUT FOR "0"
W6 BIT 5 SEE TABLE
W4 BIT 6 OF OCTAL TO
W5 BIT 7 JUMPER CONVERSIONS
W1 BIT 8
ADDRESS LOCATION
W15 BIT 3
W12 BIT 4
W13 BIT 5 IN FOR "0"
W16 BIT 6 OUT FOR "1"
W17 BIT 7 SEE TABLE OF
W10 BIT 8 M7807 MODEM
W9 BIT 9 CONTROL ADDRESSES
W11 BIT 10
W14 BIT 11
W8 BIT 12

M7277 LOCATION ABCDEF#4

REGISTER ADDRESSES
"4" BIT 4
"5" BIT 5
"6" BIT 6
"7" BIT 7
"8" BIT 8
"9" BIT 9
"10" BIT 10
"11" BIT 11
"12" BIT 12
OUT FOR "1"
IN FOR "0"
SEE TABLE OF DH11-AD ADDRESSES

M796 LOCATION B#2

UNIBUS MASTER CONTROL
DATA STROBE LENGTH 400ns NOMINAL
ADD 100 pF 5% MICA CAPACITOR DEC P.H. 100016
ACROSS SPLIT LUGS NEAR FRONT OF BOARD



M7277									
DH11-AD ADDRESSES OUT=1 IN=0									
	7	6	5	4		7	6	5	4
76# 020	IN	IN	IN	OUT	77# 500	IN	IN	IN	IN
040	IN	IN	OUT	IN	510	IN	IN	OUT	IN
060	IN	IN	IN	OUT	520	IN	IN	OUT	IN
100	IN	OUT	IN	IN	530	IN	OUT	OUT	IN
120	IN	OUT	IN	OUT	540	OUT	IN	IN	IN
140	IN	OUT	OUT	IN	550	OUT	IN	OUT	IN
160	IN	OUT	OUT	OUT	560	OUT	OUT	IN	IN
200	OUT	IN	IN	IN	570	OUT	OUT	OUT	IN

DC20-AA/AD (DH11-AD) ADDRESS VECTOR, JUMPER & MODIFICATION INFORMATION

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

DC20 CONFIGURATIONS (ADDRESS & VECTOR TABLES)

ASSUMES EVERY DH11 HAS MODEM CONTROL INSTALLED.

DC20 #		REJUMPER			
		1	2	3	4
DC20	#1	760 020 330	760 020 330	760 020 330	760 020 330
	#2		760 040 350	760 040 350	760 040 350
	#3			760 060 370	760 060 370
	#4	FORMAT OF ENTRIES: 1st ADDRESS 1st VECTOR			760 100 410
MODEM CONTROL	#1	770 500 320	770 500 320	770 500 320	770 500 320
	#2		770 510 340	770 510 340	770 510 340
	#3			770 520 360	770 520 360
	#4				770 530 400

DC20 (DH11) ASYNCHRONOUS COMMUNICATION MULTIPLEXOR

MODULE	DESCRIPTION
W7247	CONTROL MUX
W105	ADDRESS SELECTOR
W7246	MODEM CONTROL SCAN
W7821	INTERRUPT CONTROL
W796	UNIBUS MASTER CONTROL
W7279	REGISTERS & BYTE COUNT
W7277	CURRENT ADDRESS & ADDRESS SELECT
W7289	SYSTEM CONTROL & RECEIVER SCAN
W405	EXTERNAL CLOCK
W7200	MULTIPLE UARTS
W7208	LINE PARAMETER CONTROL
G7360	PRIORITY SELECTOR
W971	RIBBON CABLE CONNECTOR
W7279	FIFO BUFFER
W5906	EIA LEVEL CONVERSION
W4540	DH11 CLOCK
W7600	MODEM CONTROL
W7007	BUS CONTROL AND MUX (MODEM CONTROL)
7009190-0 (DH11 WIRED BACKPLANE)	
AINT LOWEST ACCEPTABLE REV. E	
WIRE LIST LOWEST ACCEPTABLE REV. B	

CD20 (CD11-0) CARD READER CONTROLLER

MODULE	DESCRIPTION
W112	NOR GATE
W113	TEN 2-INPUT NAND GATE
W117	SIX 4-INPUT NAND GATE
W203	8-R S FLIP-FLOP
W205	5-ZERO FLIP FLOPS
W239	3 4 BIT COUNTER REG.
W304	ONE SHOT DELAY
W611	HIGH SPEED POWER INV.
W721	CLOCK INPUT SYNC
W783	UNIBUS TRANSMITTER
W784	LINE RECEIVER
W796	UNIBUS MASTER CONTROL
W957-YC	CABLE CONNECTOR
W7219	BUS INTERFACE
W7249	MULTIPLE ONES DETECTOR
W7921	INTERRUPT CONTROL
7008655 (CD11 WIRED ASSEMBLY)	
USE WIRE LIST REV J OF K-WL-CD11-0-12 OR LATER	

LOWEST ACCEPTABLE CS REV	LOCATION
*	C, D01
	C, D02
	E01
	E, F02
	A02, A06, F01
	B02
	A, B, C, D, E, F03
	A, B, C, D, E, F04
	A, B, C, D, E, F05
	B05, E09
	C, D, E, F06, C, D, E, F07
*	A, B, C, D, E, F08
A	A07
A	B07
A	C, D09
A	A, B07
	F09
D	C, D, E, F02
D	C, D, E, F07
D	-

LOWEST ACCEPTABLE CS REV	LOCATION
D	D04
C	C04
E	E03
B	F04
B	F03
A	B03
B	E04
B	D03
B	A02
*	B02
C	C02
D	F02
-	B02
H	C, D, E, F01
B	C03
D	E02
E	-

JUMPER TABLE FOR W7219 (CD11)

JUMPER	STATE	COMMENTS
A	OUT	BA02 BIT 02
B	IN	BA02 XOR OF BITS 01 AND 02
C	OUT	BA01 BIT 01
D	IN	BA01 BIT 02
03	IN	ADDRESS BIT 03
04	OUT	ADDRESS BIT 04
05	OUT	ADDRESS BIT 05
06	OUT	ADDRESS BIT 06
07	IN	ADDRESS BIT 07
09	IN	ADDRESS BIT 09
09	OUT	ADDRESS BIT 09
10	OUT	ADDRESS BIT 10
11	OUT	ADDRESS BIT 11
12	OUT	ADDRESS BIT 12

THIS CORRESPONDS TO A BASE ADDRESS OF 777160

JUMPER TABLE FOR W7821 (CD11)

JUMPER	STATE	COMMENTS
2	OUT	VECTOR BIT 02
3	IN	VECTOR BIT 03
4	IN	VECTOR BIT 04
5	OUT	VECTOR BIT 05
6	OUT	VECTOR BIT 06
7	IN	VECTOR BIT 07
9	OUT	VECTOR BIT 09

THIS CORRESPONDS TO A VECTOR ADDRESS OF 230

NO PRIORITY PLUG. HARDWIRED TO PRIORITY LEVEL 4.
STATUS AND CONTROL REGISTER (COST) 777160
COLUMN COUNT REGISTER (CDBC) 777162
CURRENT ADDRESS REGISTER (CDBA) 777164
DATA BUFFER REGISTER (CDOB) 777166
INTERFACE CABLE 7008764 (W957 PADDLE BOARD CONNECTOR)
CONNECTED TO CD11 SLOT B02.

REV. 001		
DATE	CHANGE NO.	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.

LP20-B LINE PRINTER CONTROLLER

5411704 ETCHED BACKPLANE

LOWEST ACCEPTABLE REVISION ETCH REV A

7011427 WIRED ASSEMBLY

USE WIRE LIST REV B OF K-WL-LP20-B-WL OR LATER

W8585 TRANSLATION RAM LOCATION CDEF04

LOWEST ACCEPTABLE REVISION MODULE REV B

NO JUMPERS OR OTHER CONFIGURABLE COMPONENTS.

W8586 LINE PRINTER CONTROL LOCATION ABCDEF02

LOWEST ACCEPTABLE REVISION MODULE REV B

JUMPER TABLE

JUMPER	STATE	COMMENTS
W1	IN (UNIT #1), OUT (UNIT #2)	ADDRESS BIT 04
W2	IN	ADDRESS BIT 05
W3	IN	ADDRESS BIT 06
W4	IN	ADDRESS BIT 07
W5	OUT	ADDRESS BIT 08
W6	OUT	ADDRESS BIT 09
W7	IN	ADDRESS BIT 10
W8	OUT	ADDRESS BIT 11
W9	OUT	ADDRESS BIT 12
W10	IN (UNIT #1) OUT (UNIT #2)	VECTOR BIT 02
W11	IN	VECTOR BIT 03
W12	OUT	VECTOR BIT 04
W13	IN	VECTOR BIT 05
W14	IN	VECTOR BIT 06
W15	IN	VECTOR BIT 07
W16	IN	VECTOR BIT 08

W1-W9 CORRESPOND TO A BASE ADDRESS OF 775400 IN UNIT #1 AND OF 775420 IN UNIT #2.

W10-W16 CORRESPOND TO A VECTOR ADDRESS OF 754 IN UNIT #1 AND OF 750 IN UNIT #2.

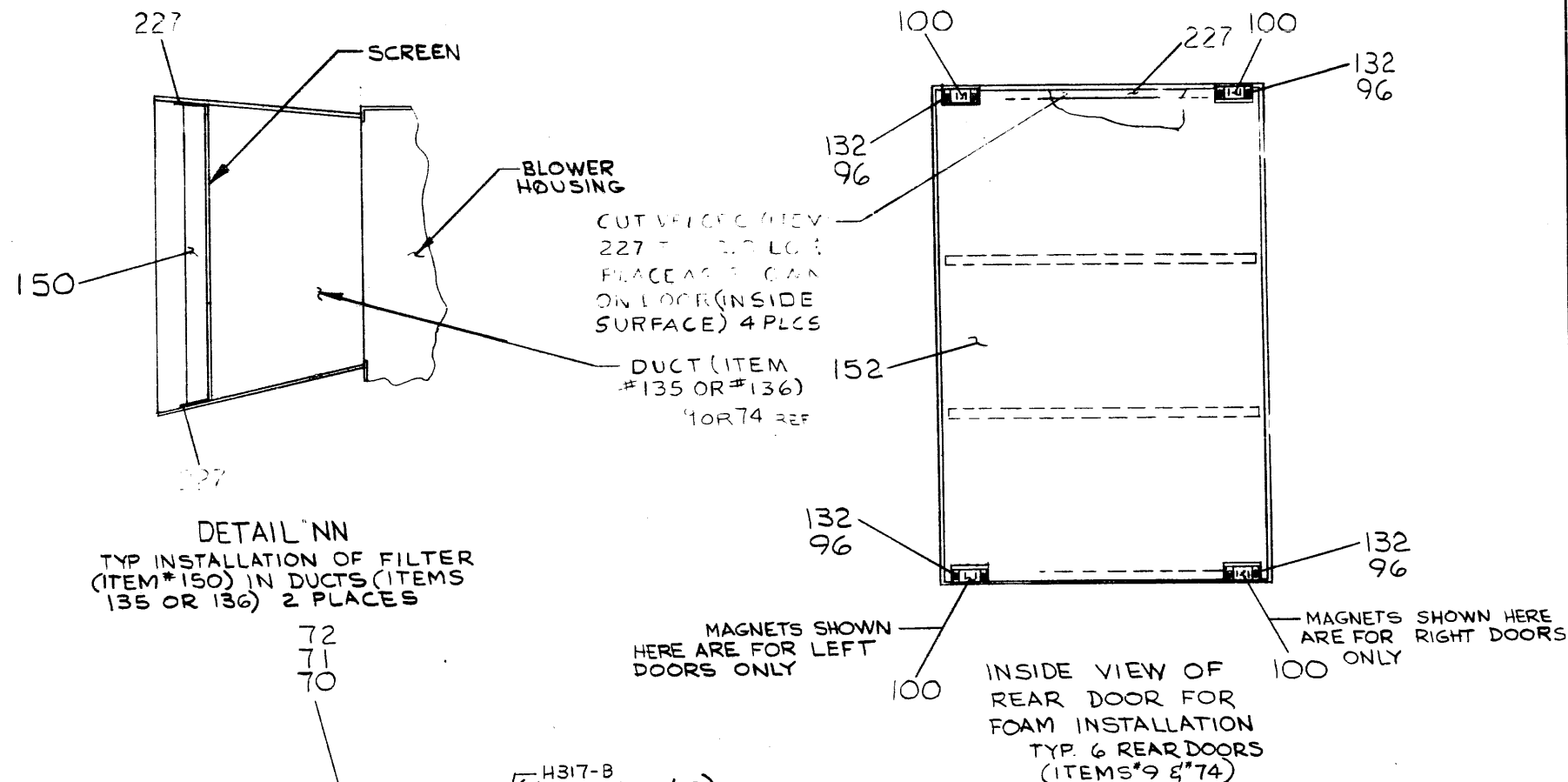
DIP SITE E06 CONTAINS PRIORITY PLUG 5408778 (BR4).

W8587 LINE PRINTER DATA PATHS LOCATION ABCDEF03

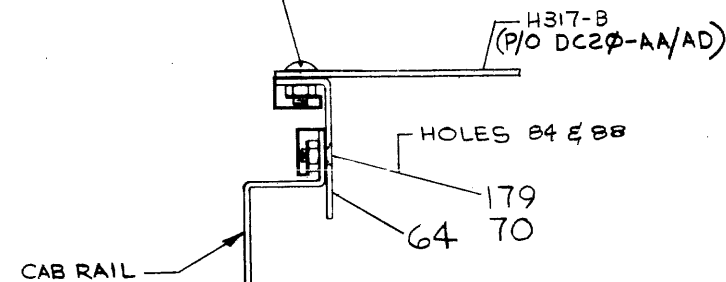
LOWEST ACCEPTABLE REVISION MODULE REV B

JUMPER TABLE

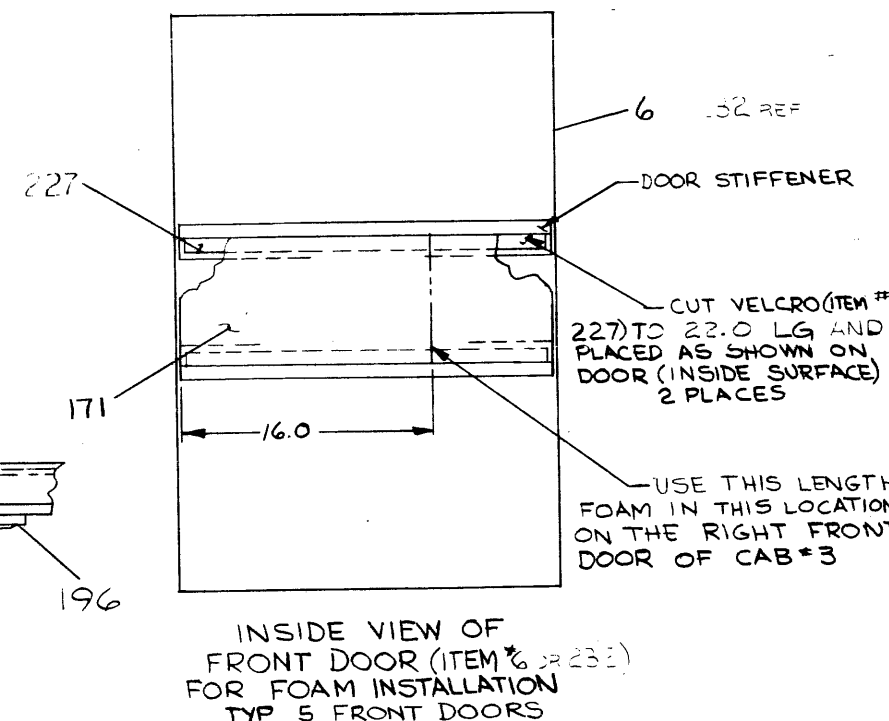
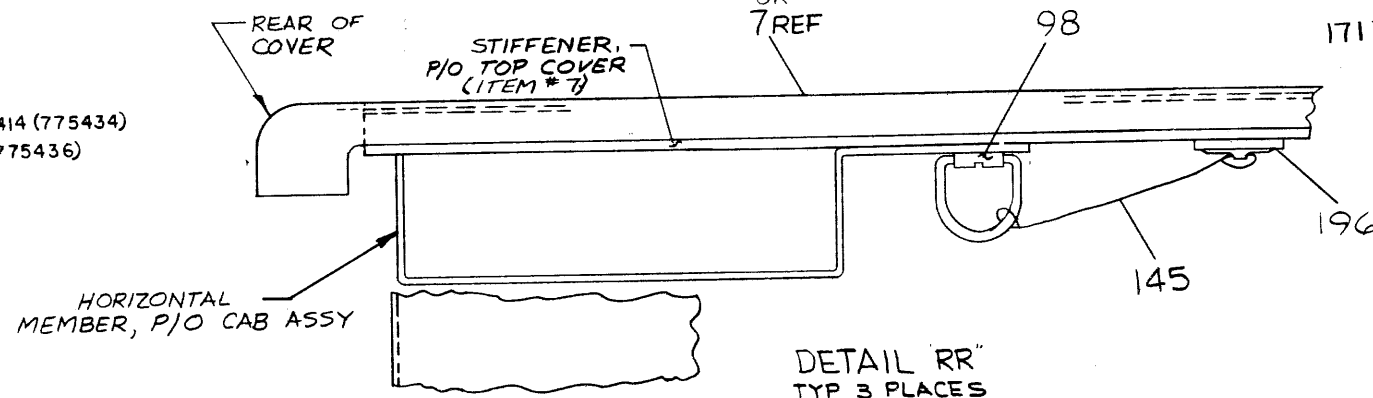
JUMPER	STATE	COMMENTS
W1	OUT	INSTALL TO ENABLE PARITY
W2	IN	INSTALL FOR DAVFU
STATUS REGISTER (LPCSR) 775400 (775420)		
ERROR AND TEST REGISTER (LPCSRB) 775402 (775422)		
DMA BUS ADDRESS REGISTER (LPBSAD) 775404 (775424)		
DMA BYTE COUNTER REGISTER (LPBCTR) 775406 (775426)		
PAGE COUNTER REGISTER (LPPCTR) 775410 (775430)		
RAM DATA REGISTER (LPRAND) 775412 (775432)		
COLUMN COUNTER/CHAR. BUFFER REGISTER (LPCCTR/LPCBUF) 775414 (775434)		
PRINTER DATA/CHECKSUM REGISTER (LPTDAT/LPCSM) 775416 (775436)		



DETAIL "NN"
TYP INSTALLATION OF FILTER (ITEM *150) IN DUCTS (ITEMS 135 OR 136) 2 PLACES



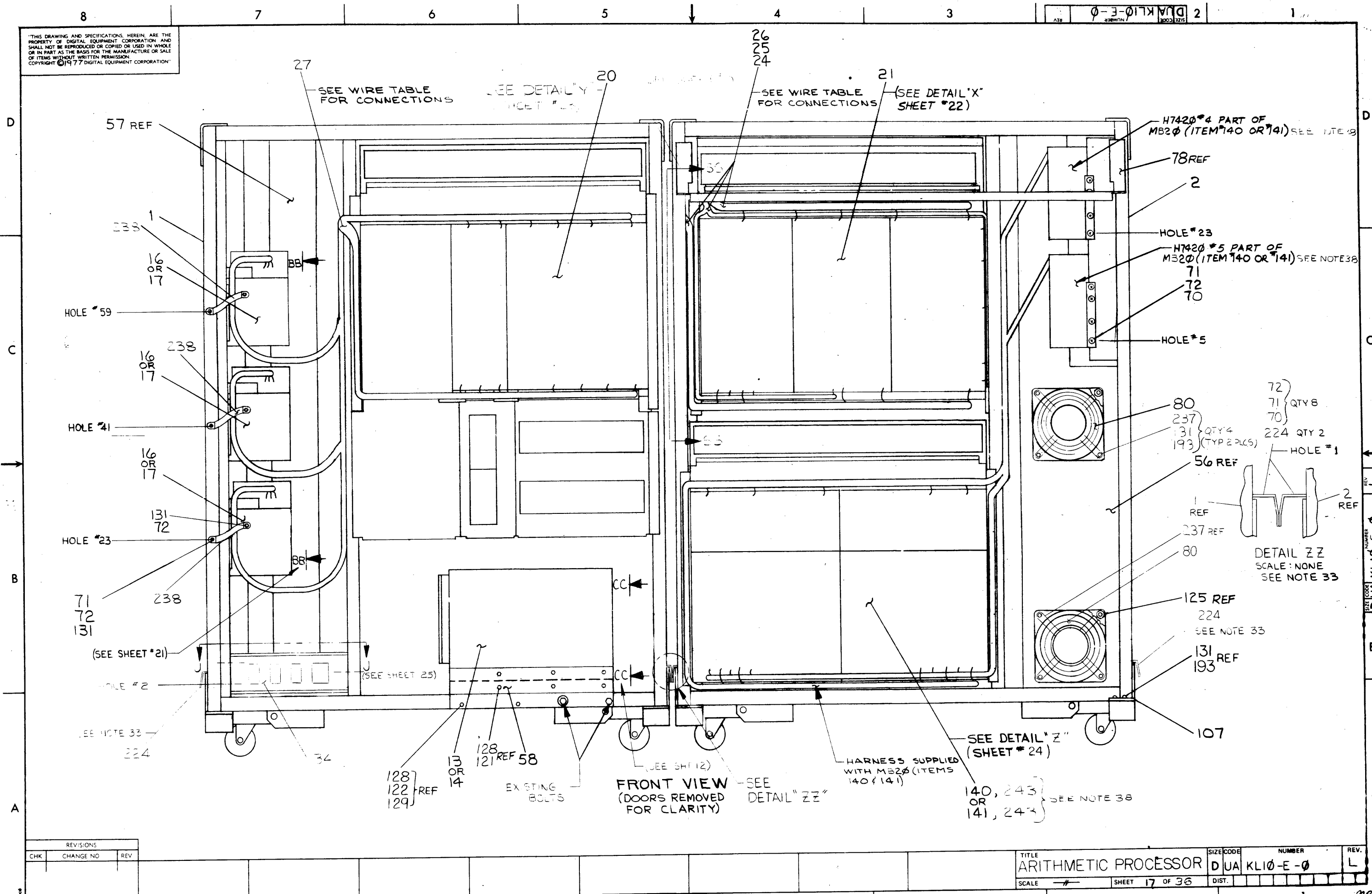
DETAIL "KK"
SCALE: 1/1
TYP MOUNTING OF H317-B MOUNTING BRACKET (ITEM *64) (4 PLACES)



REVISIONS		
CHK	CHANGE NO	REV

TITLE		SIZE CODE	NUMBER	REV.
ARITHMETIC PROCESSOR		DUA	KL10-E-0	
SCALE	SHEET 16 OF 30	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 © 1977 DIGITAL EQUIPMENT CORPORATION



REVISIONS		
CHK	CHANGE NO	REV

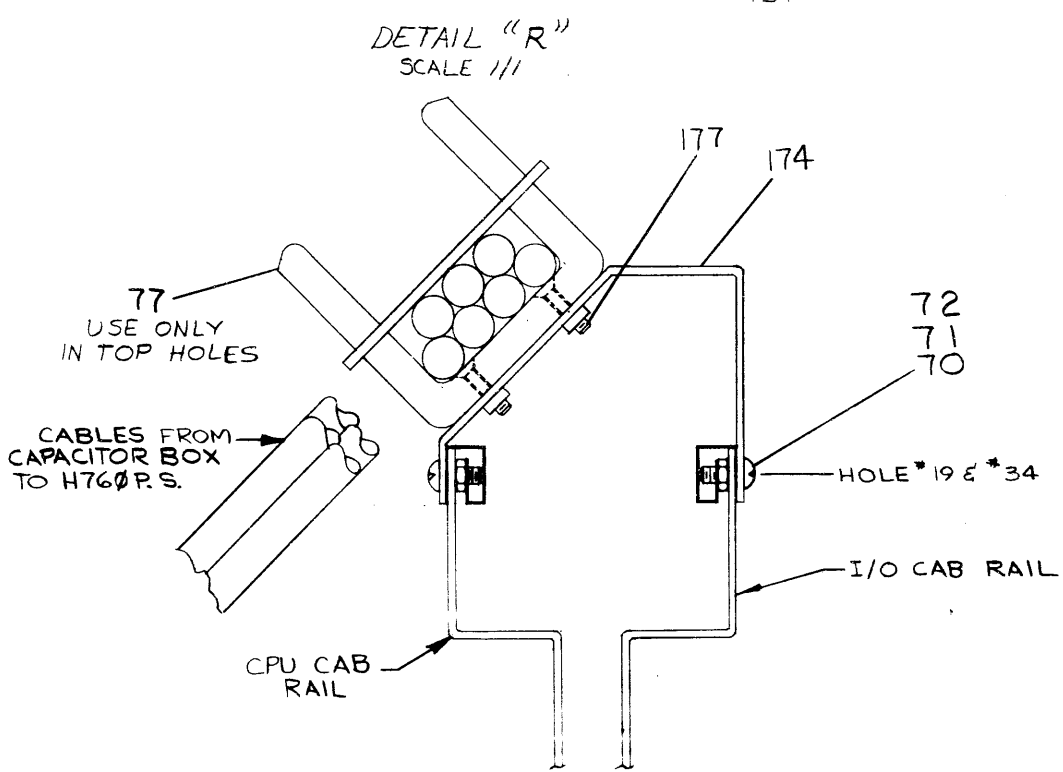
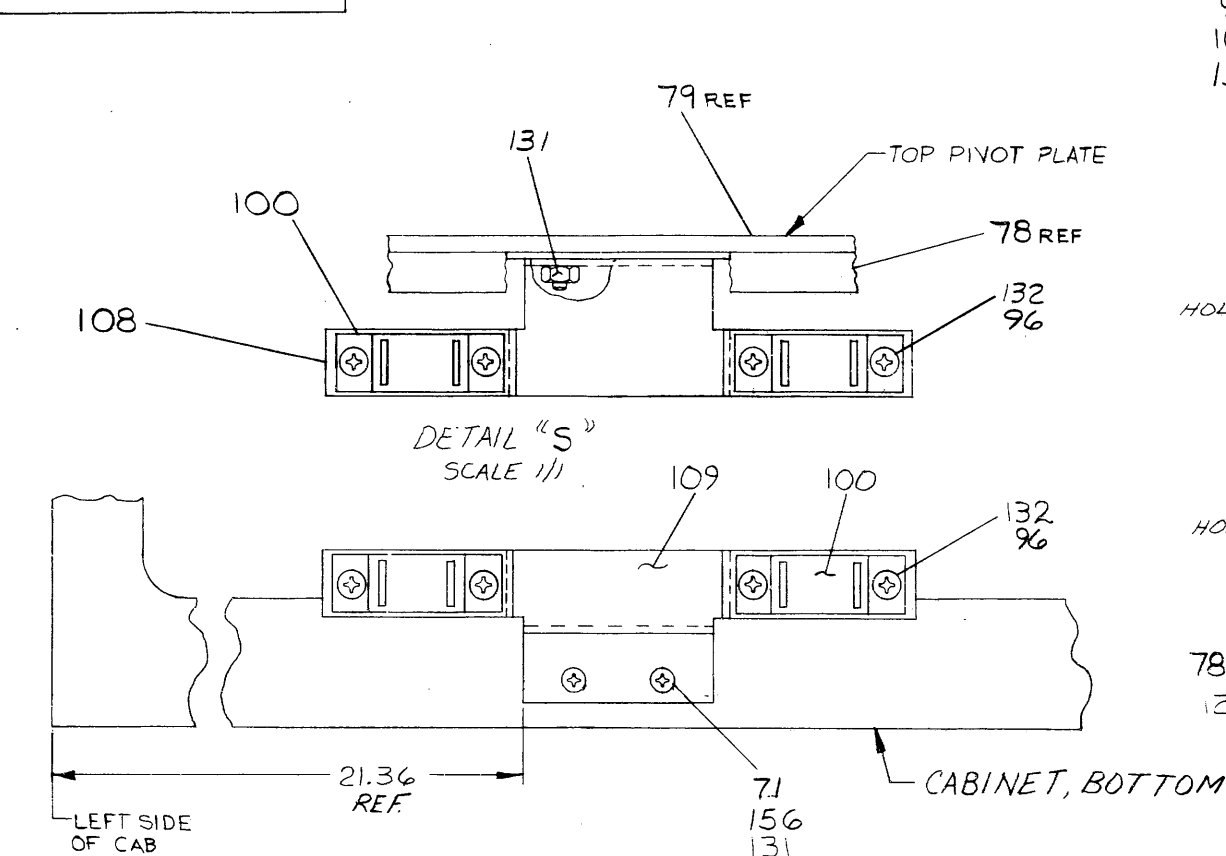
TITLE		SIZE CODE	NUMBER	REV.
ARITHMETIC PROCESSOR		DUA KL10-E-0	17 OF 36	L
SCALE		SHEET	DIST.	

REV. L
NUMBER DUA KL10-E-0
SIZE CODE

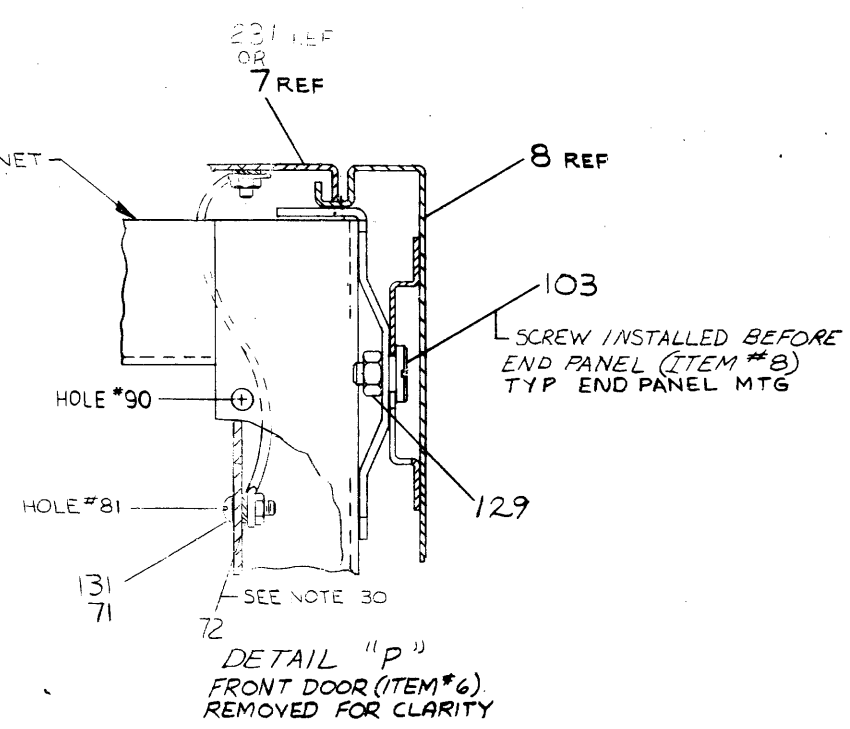
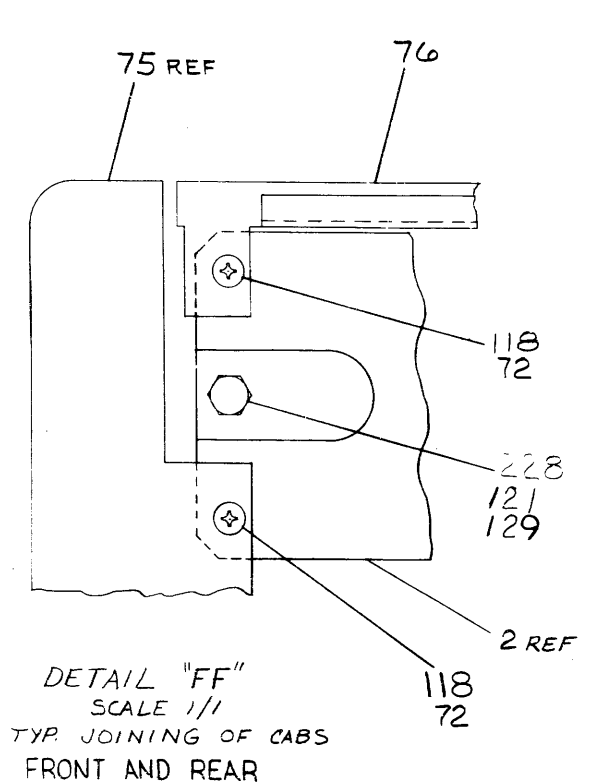
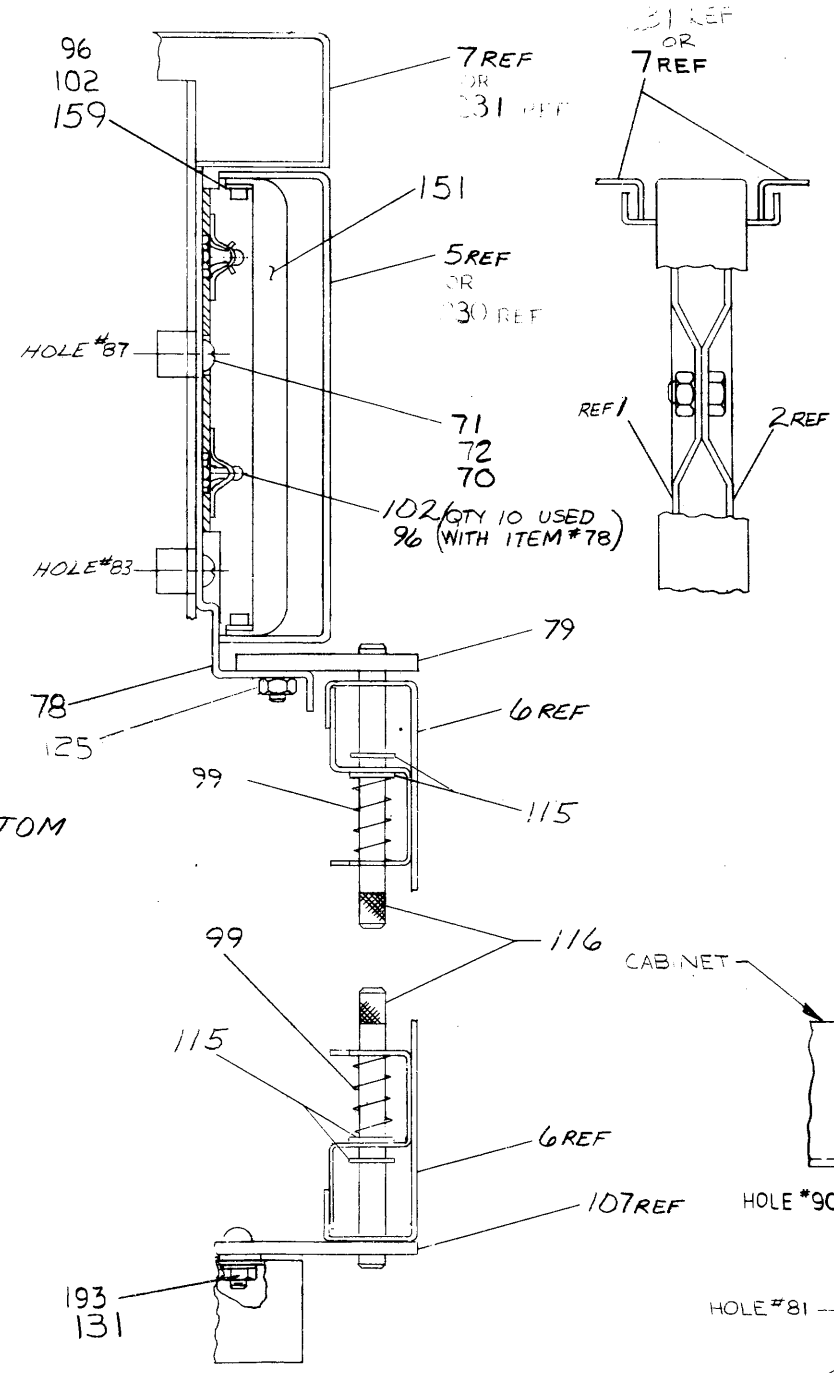
MR



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



SECTION HH-HH
SCALE: 1/1



REVISIONS		
CHK	CHANGE NO	REV

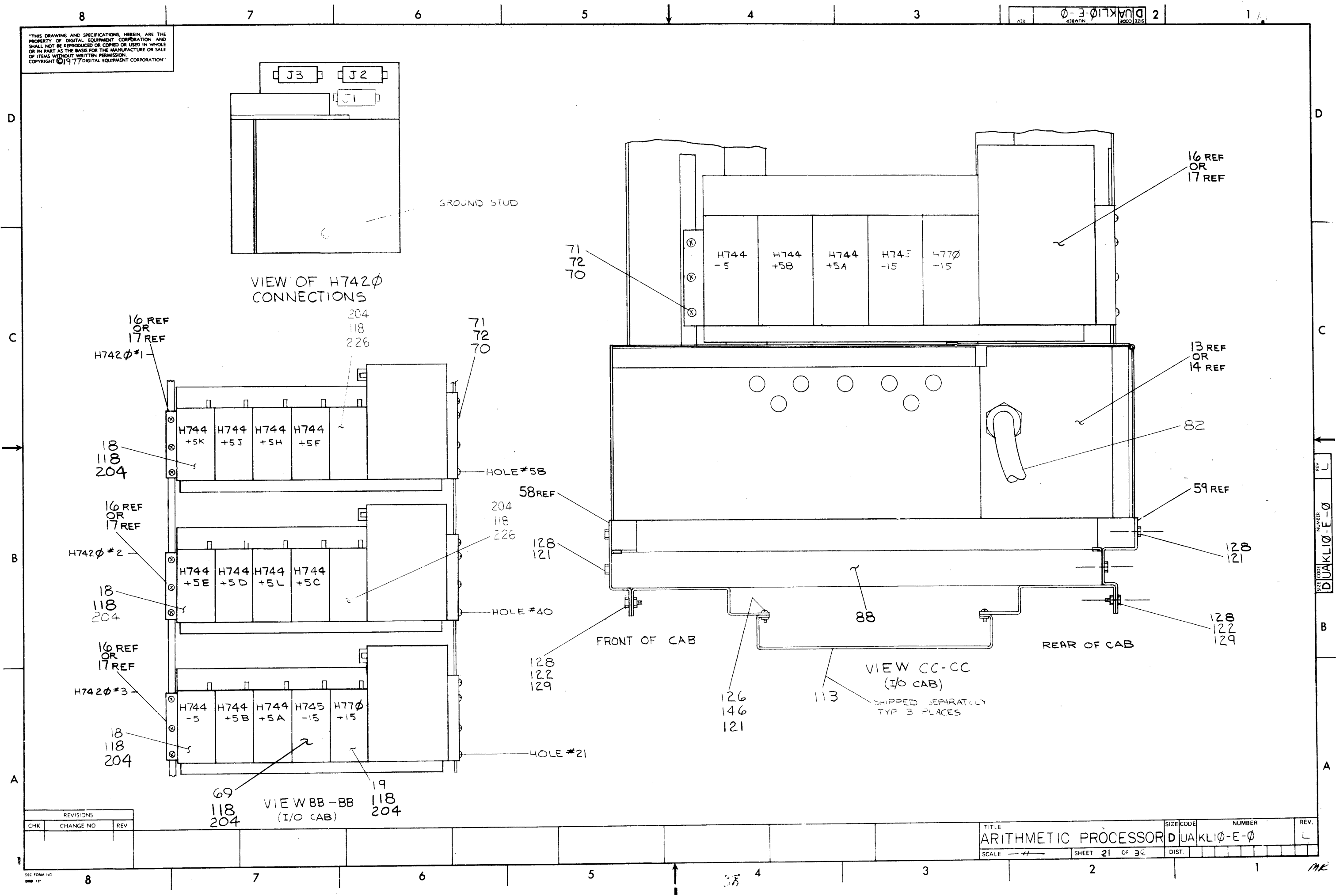
TITLE	SIZE CODE	NUMBER	REV.
ARITHMETIC PROCESSOR	D	UA KLIØ-E-Ø	L
SCALE	SHEET	19 OF 36	DIST.

DUA KLIØ-E-Ø

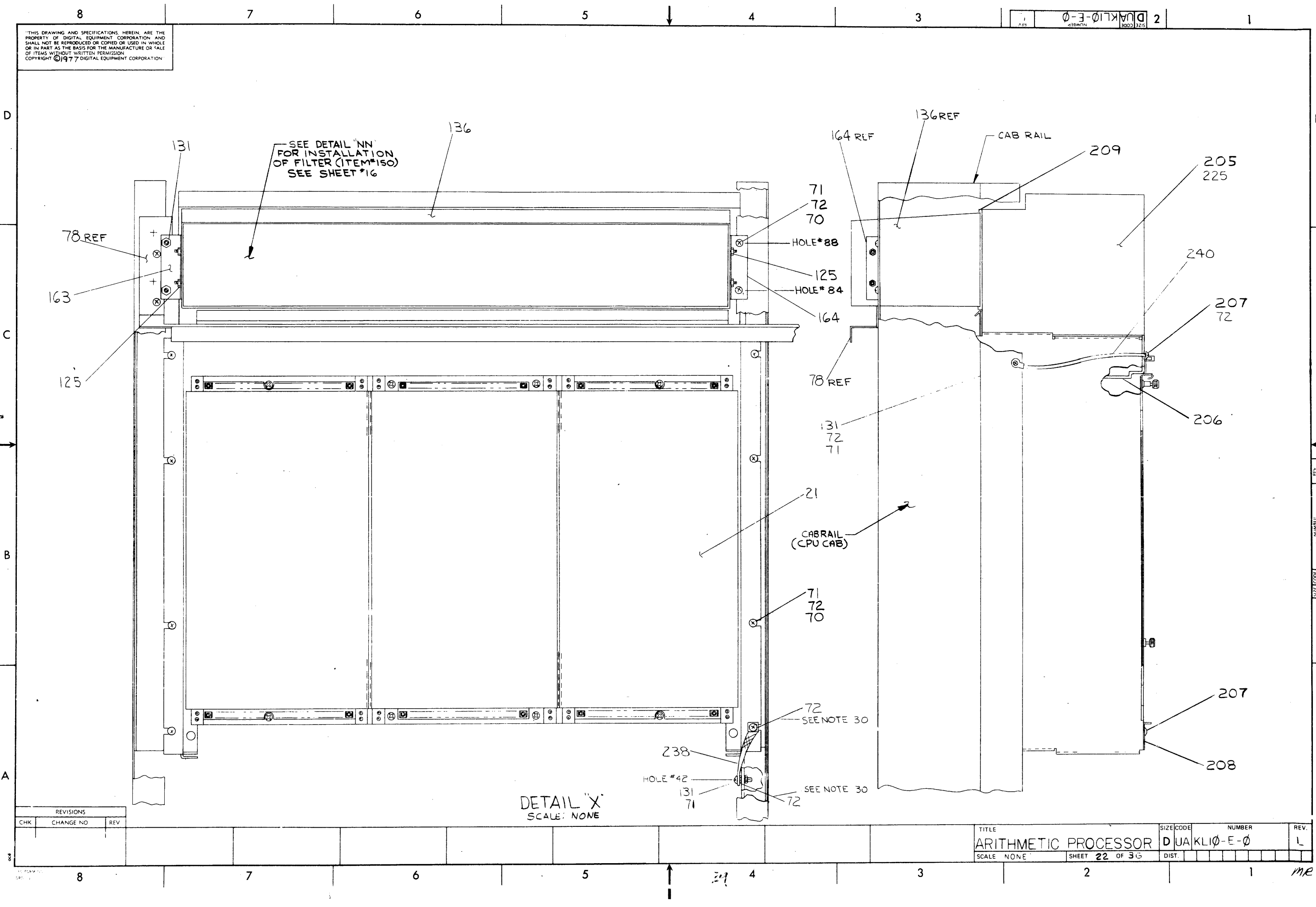


TITLE		SIZE	CODE	NUMBER	REV.
ARITHMETIC PROCESSOR		D	UA	KLIØ-E-Ø	L
SCALE	SHEET	OF	DIST.		
1/4"	20	36			

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.



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		SIZE CODE	NUMBER	REV.
ARITHMETIC PROCESSOR		DUA KLIP-E-Ø		L
SCALE: NONE		SHEET 22 OF 33	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 © 1977 DIGITAL EQUIPMENT CORPORATION.

USE EXISTING HARDWARE

78 REF
165 REF
125
71
72
70
HOLE #80
71
72
70
HOLE #71
20
(SEE NOTE 37)
71
72
70
HOLE #57
HOLE #48
HOLE #45
HOLE #38
72
USE EXISTING HARDWARE
HOLE #29
131
72
71
HOLE #25
238
(SEE NOTE 30)

135
165
125 REF
131
72
71
238

USE EXISTING HARDWARE

CAB RAIL (I/O CAB)

DETAIL "Y"
SCALE: NONE

71
72
70
HOLE #84
166
71
72
70
125
SEE DETAIL "NN"
FOR INSTALLATION
OF FILTER (ITEM #150)
SEE SHEET #16

131
71
72
HOLE #50
238
(SEE NOTE 30)
CAB RAIL
72
MOUNTING PLATE
USE EXISTING
HARDWARE
HOLE 48 REF

SECTION L-L
SCALE: NONE

REVISIONS			TITLE		SIZE CODE		NUMBER		REV.	
CHK	CHANGE NO	REV	ARITHMETIC PROCESSOR		DUA KL10-E-0		23 OF 36		L	

DÉTAIL "Y"
SCALE: NONE

CAB RAIL
(I/O CAB)

RDWARE

238 —
(SEE NOTE 30)

HOLE # 29

— HOLE # 38

- HOLE # 45

- HOLE # 48

- HOLE # 57

71
72
70

— 20

—(SEE NOTE 37)

-HOLE #71

-HOLE# 80

125

165 REF

-78 REF

USE EXISTING HARDWARE

738

1

72

SIZE CODE	NUMBER	REV
D	UAKLIØ-E-Ø	1

B

1 A

TITLE
ARITHMETIC PROCESSOR

SIZE	CODE	NUMBER
D	UA	KL10-E-0

REV.
L

SCALE <u>1/4" = 1'</u>	SHEET 23 OF 36
------------------------	------------------------------

[illegible]

REVISIONS

CHK	CHANGE NO	REV
-----	-----------	-----

1000

REC FORM 1-7

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 © 1977 DIGITAL EQUIPMENT CORPORATION.

0-E-0 KLIO-DUAL 2

1 ft

D

C

B

A

D

C

B

A

227
150

137

25

162

131
72
71
HOLE 47

70
72
71

USE EXISTING HARDWARE
BLOWER PART OF
ITEM #140 OR #141

72

SEE NOTE 30

238

150

227

227

SEE NOTE 30

131
72
71

HOLE #43

HOLE #40

HOLE #35

70
72
71
240
(SEE NOTE 30)

HOLE #26

USE EXISTING HARDWARE
72

HOLE #12

HOLE #3

162

140
OR
141

(SEE NOTE 37)

DETAIL - Z
SCALE: 1/2
KLIO-EA/EB/EC/ED
VARIATION ONLY

REVISIONS		
CHK	CHANGE NO	REV

TITLE		SIZE CODE	NUMBER		REV.
ARITHMETIC PROCESSOR		DUAL	KLIO-E-0		L
SCALE		SHEET	24 OF 30		DIST.

DEC FORM NO
DPO 137

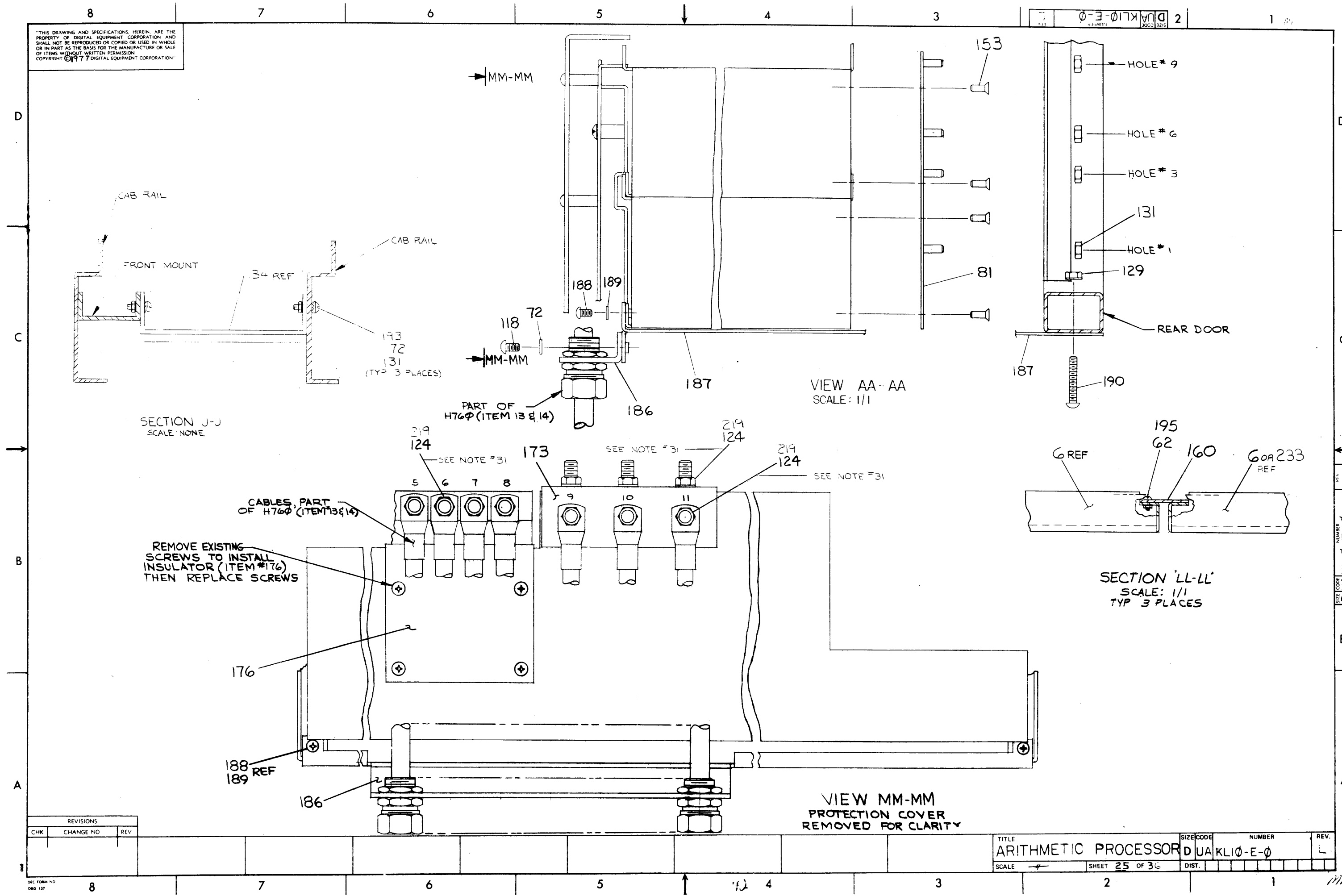
SIZE CODE
DUAL
NUMBER
KLIO-E-0

MR

"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"

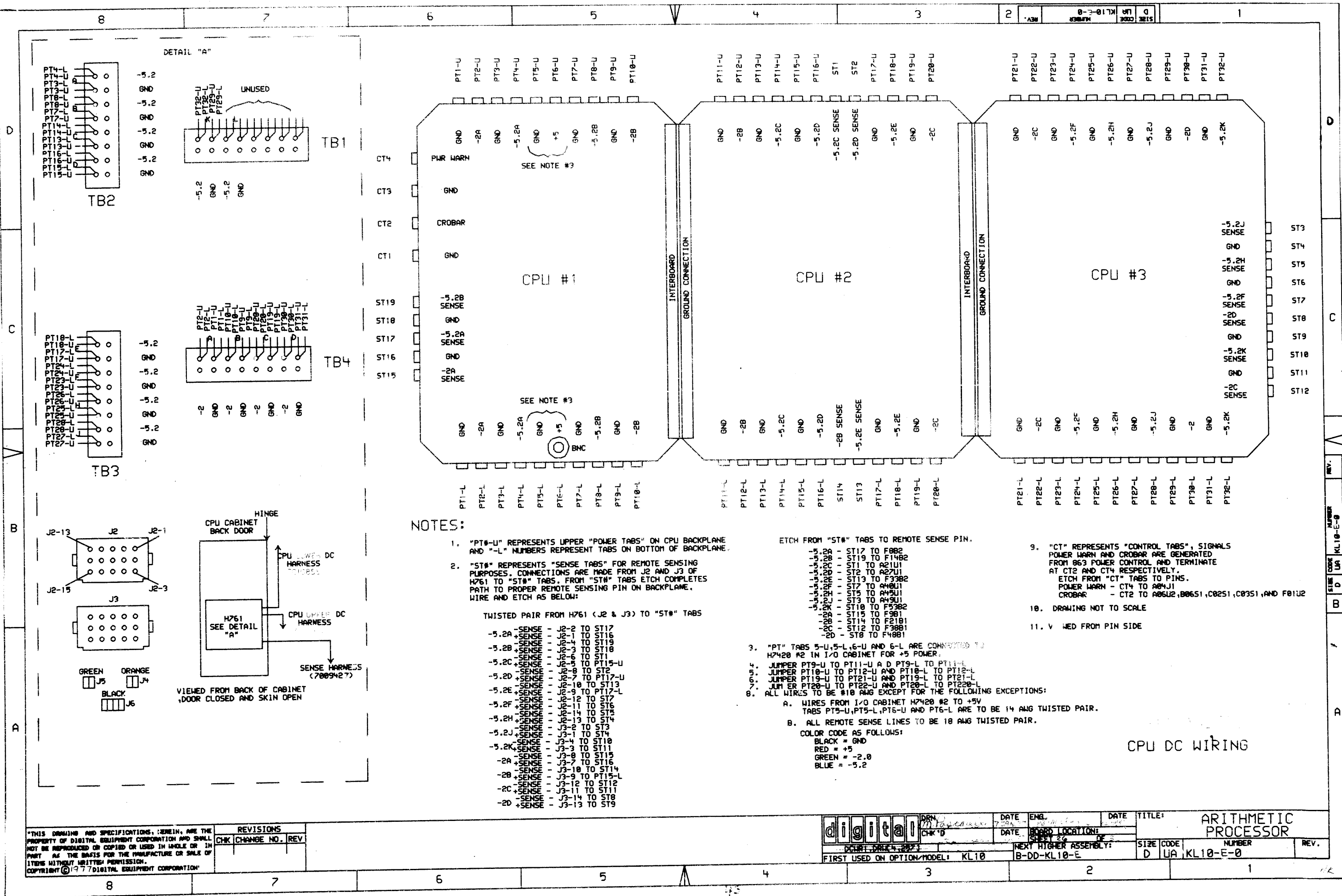
0-3-017K10 2
4344001 2852 3215

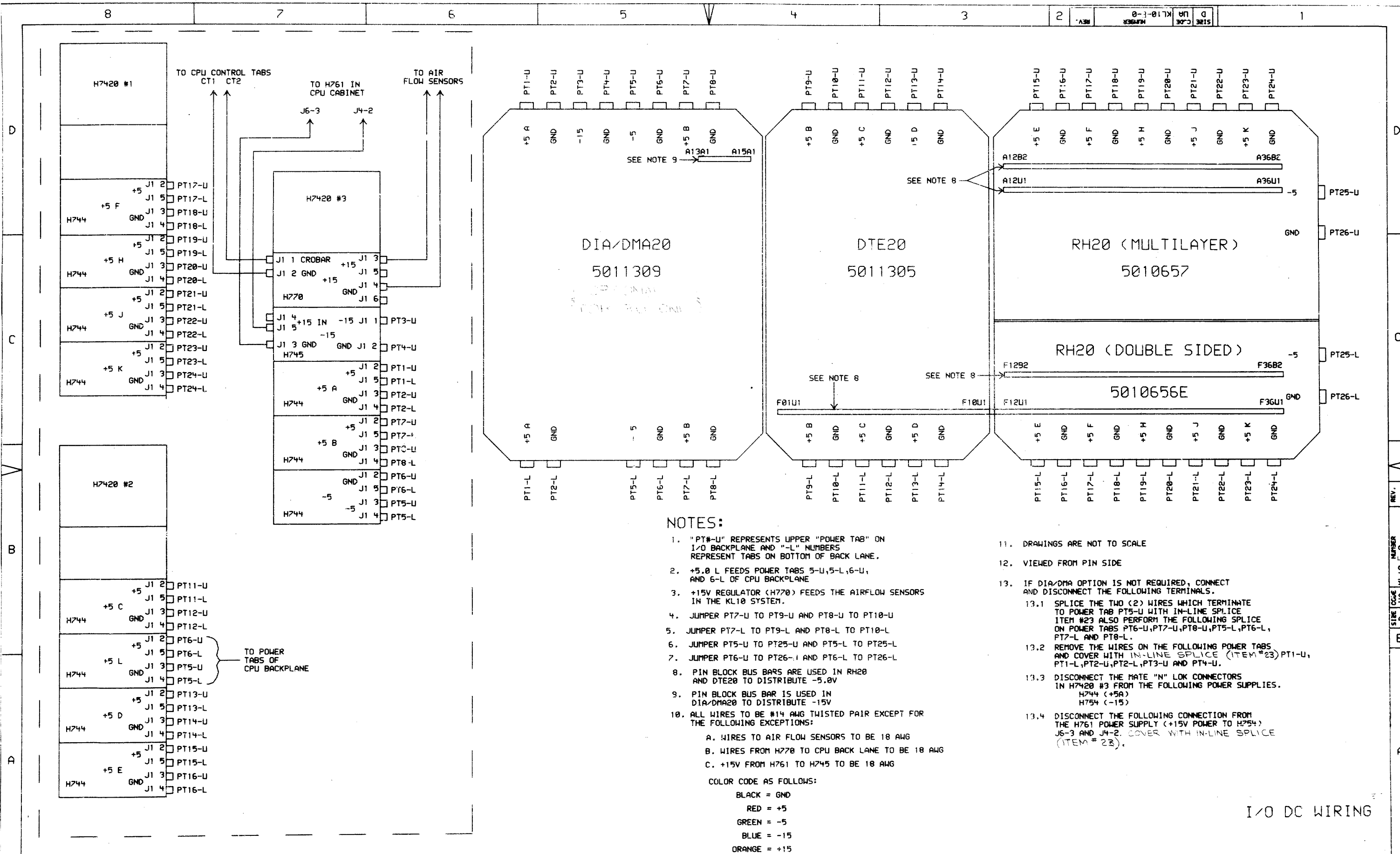
1



REVISIONS		
CHK	CHANGE NO	REV

TITLE	ARITHMETIC PROCESSOR	SIZE CODE	NUMBER	REV.
SCALE	1/1	SHEET	25 OF 36	DIST.





NOTES:

- 1. "PT#-U" REPRESENTS UPPER "POWER TAB" ON I/O BACKPLANE AND "L" NUMBERS REPRESENT TABS ON BOTTOM OF BACK PLANE.
- 2. +5.0 L FEEDS POWER TABS 5-U, 5-L, 6-U, AND 6-L OF CPU BACKPLANE
- 3. +15V REGULATOR (H770) FEEDS THE AIRFLOW SENSORS IN THE KL10 SYSTEM.
- 4. JUMPER PT7-U TO PT9-U AND PT8-U TO PT10-U
- 5. JUMPER PT7-L TO PT9-L AND PT8-L TO PT10-L
- 6. JUMPER PT5-U TO PT25-U AND PT5-L TO PT25-L
- 7. JUMPER PT6-U TO PT26-L AND PT6-L TO PT26-L
- 8. PIN BLOCK BUS BARS ARE USED IN RH20 AND DTE20 TO DISTRIBUTE -5.0V
- 9. PIN BLOCK BUS BAR IS USED IN DIA/DMA20 TO DISTRIBUTE -15V
- 10. ALL WIRES TO BE #14 AWG TWISTED PAIR EXCEPT FOR THE FOLLOWING EXCEPTIONS:
 - A. WIRES TO AIR FLOW SENSORS TO BE 18 AWG
 - B. WIRES FROM H770 TO CPU BACK PLANE TO BE 18 AWG
 - C. +15V FROM H761 TO H745 TO BE 18 AWG
- 11. DRAWINGS ARE NOT TO SCALE
- 12. VIEWED FROM PIN SIDE
- 13. IF DIA/DMA OPTION IS NOT REQUIRED, CONNECT AND DISCONNECT THE FOLLOWING TERMINALS.
 - 13.1 SPLICE THE TWO (2) WIRES WHICH TERMINATE TO POWER TAB PT5-U WITH IN-LINE SPLICE ITEM #23 ALSO PERFORM THE FOLLOWING SPLICE ON POWER TABS PT6-U, PT7-U, PT8-U, PT5-L, PT6-L, PT7-L AND PT8-L.
 - 13.2 REMOVE THE WIRES ON THE FOLLOWING POWER TABS AND COVER WITH IN-LINE SPLICE (ITEM #23) PT1-U, PT1-L, PT2-U, PT2-L, PT3-U AND PT4-U.
 - 13.3 DISCONNECT THE MATE "N" LOK CONNECTORS IN H7420 #3 FROM THE FOLLOWING POWER SUPPLIES.
 - H744 (+5A)
 - H754 (-15)
 - 13.4 DISCONNECT THE FOLLOWING CONNECTION FROM THE H761 POWER SUPPLY (+15V POWER TO H754) J6-3 AND J4-2. COVER WITH IN-LINE SPLICE (ITEM # 23).

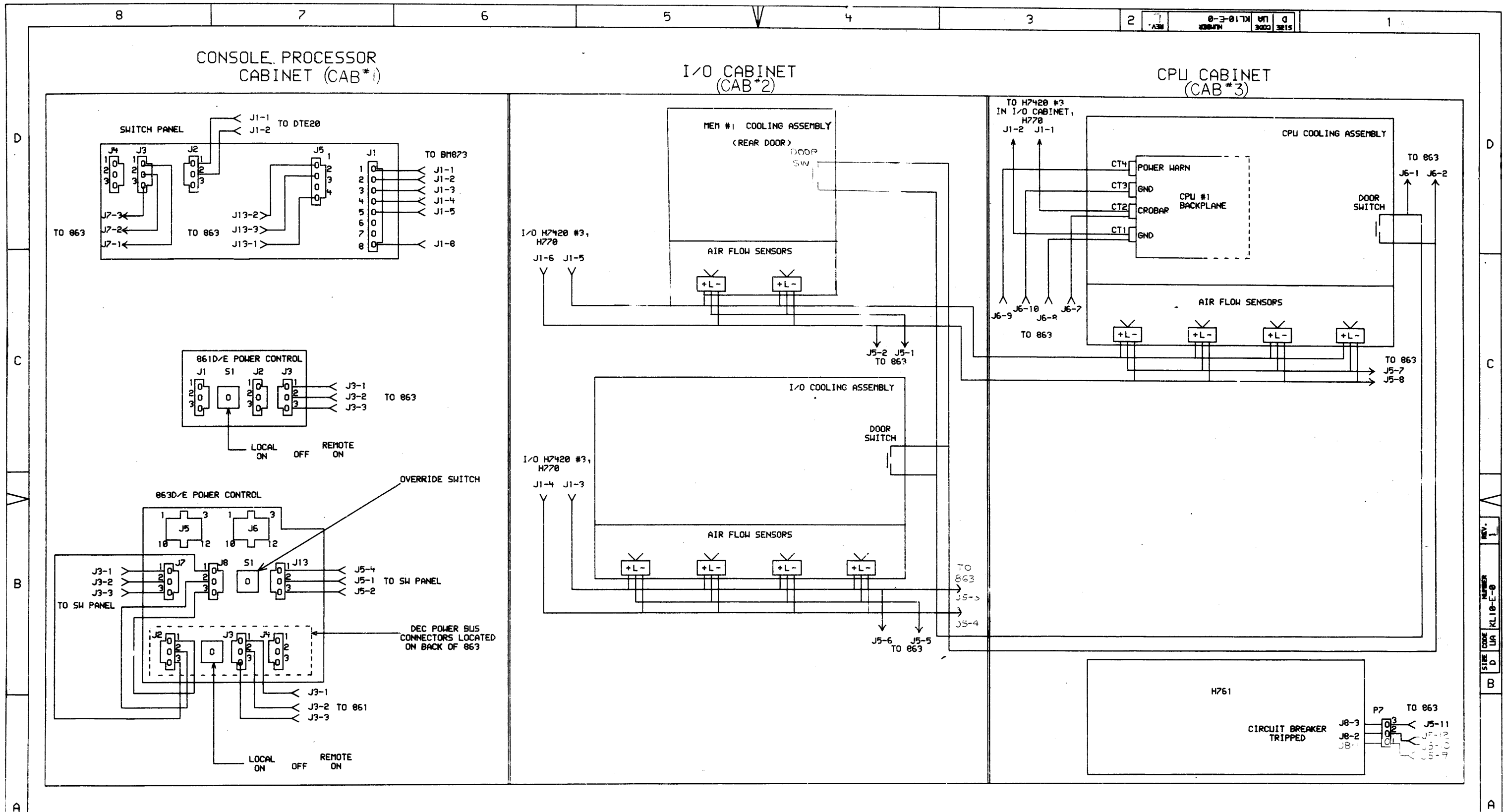
COLOR CODE AS FOLLOWS:
BLACK = GND
RED = +5
GREEN = -5
BLUE = -15
ORANGE = +15

I/O DC WIRING

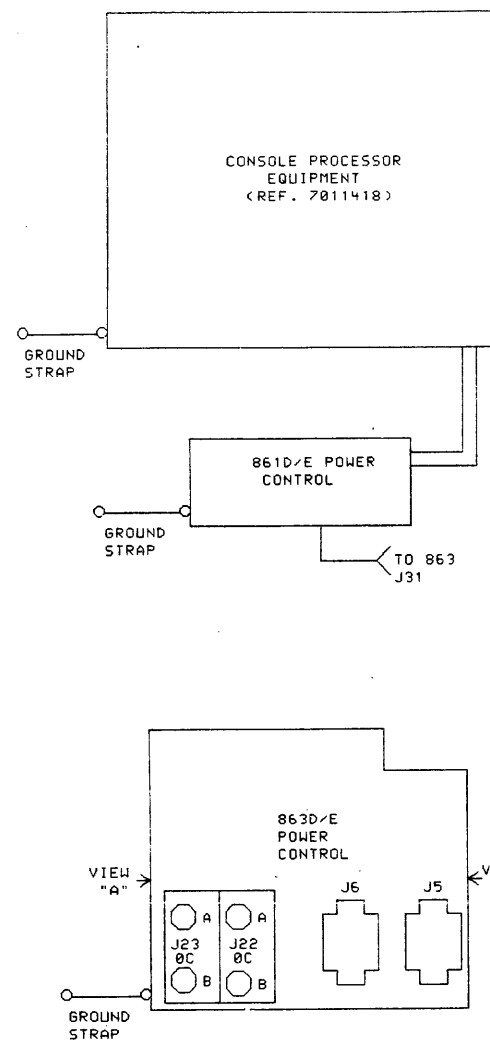
CPU CABINET



REV.



CONSOLE PROCESSOR EQUIPMENT (REF. 7011418)



NOTES:

1. COOLING FANS TO BE WIRED WITH RED AND WHITE 18 AWG TWISTED PAIR

2. BELOW DESCRIBES OUTLETS FOR 863 POWER CONTROL:

	CURRENT CAPACITY	PHASE	SW
J1	30A	A,B,C	SW
J31	30A	A,B,C	UN-SW
J22	15A	C	UN-SW
J24	15A	A	SW
J25	15A	A	SW
J26	15A	B	SW
J27	15A	B	SW
J28	15A	B	SW
J29	15A	A	SW
J30	15A	C	SW
J32	15A	C	SW

3.0 GND STRAPS ARE TO BE USED TO PROVIDE A SOLID GROUND FOR ALL POWER SUPPLIES AND CABINETS

3.1 GROUND ALL POWER SUPPLIES ON CABINET WITH GROUND STRAPS (SEE SHEETS 17 & 18) AND BOTTOM OF CAB DOORS TO BOTTOM OF CABINETS WITH ITEMS 238,71,72 & 131

3.2 GROUND ALL THREE CABINETS TOGETHER AS SHOWN ON SHEET #20

3.3 GRILLS (ITEM #5) AND LOGO (ITEM #3) TO BE GROUNDED TO CABINETS WITH ITEMS 238,71,72 & 131. FRONT DOORS (ITEM #6, QTY 4 & ITEM #232, QTY 2) WITH ITEMS #238,71,72 & 131. RIGHT REAR DOOR (ITEM #9, QTY 3 & LEFT REAR DOOR (ITEM #24, QTY 3) WITH ITEMS #238,71,72 & 131. END PANELS (ITEM #8, QTY 2) TO BE GROUNDED TO CABINET WITH ITEMS #238,71,72 & 131.

4.1 FOR 60 HZ OPERATION "A" VERSION POWER SUPPLIES, POWER CONTROLS, FEMALE PWR. CONN. KIT (H874-A) AND 7014407 PWR. CORD ASSY MUST BE USED. FANS TO BE WIRED AS SHOWN ABOVE.

4.2 FOR 50HZ OPERATION "B" VERSION POWER SUPPLIES, POWER CONTROLS, AND 7014409 POWER CORD ASSEMBLY MUST BE USED. COOLING ASSEMBLIES TO BE WIRED IN THE FOLLOWING FASHION:

4.2.1 CPU COOLING ASSEMBLY CONNECT P1-1 TO J1-1 OF H760 P1-2 TO J1-7 OF H760 P1-3 TO J1-2 OF H760 P1-4 TO J1-8 OF H760

4.2.2 H761 COOLING, CONNECT P1-1 TO J1-3 OF H760 P1-2 TO J1-9 OF H760

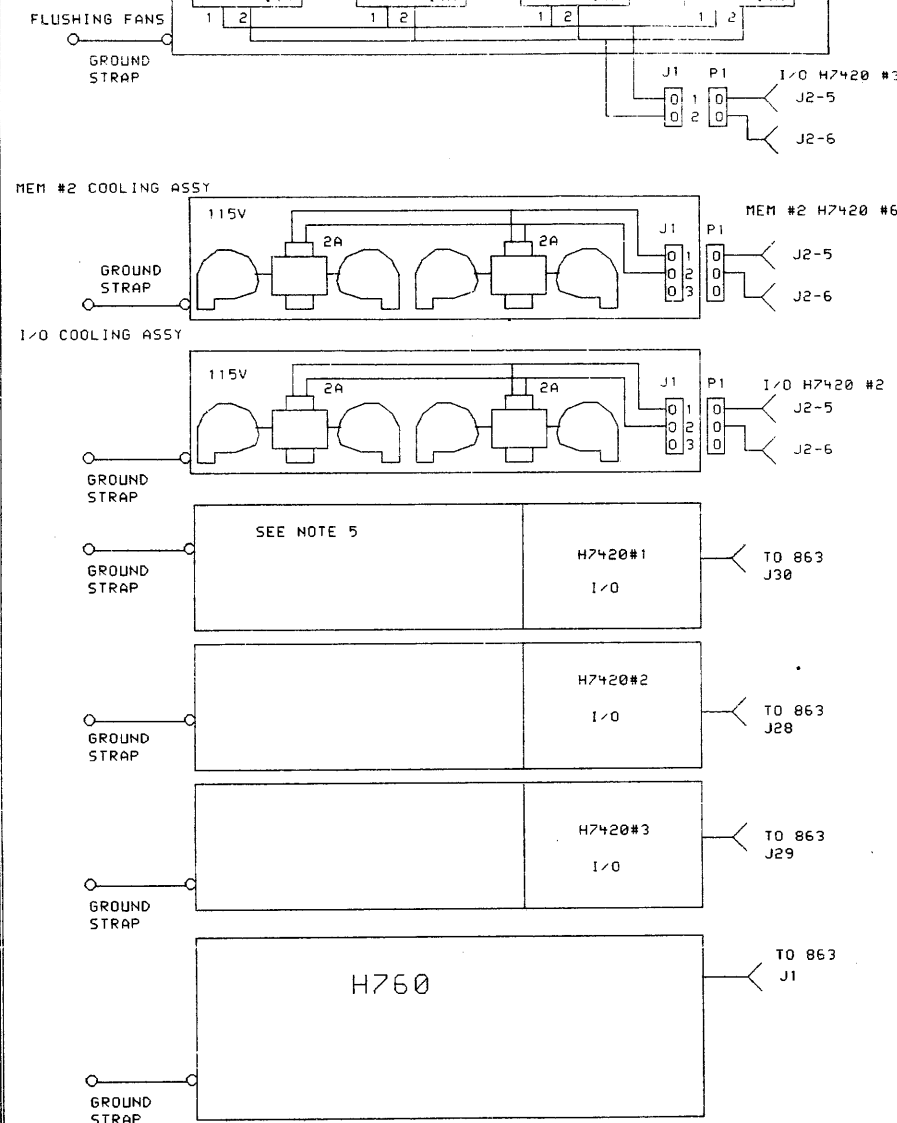
5. POWER CORD IS INTERNALLY TERMINATED TO 863 POWER CONTROLLER LINE FILTER (F1). TERMINATE AS FOLLOWS: POWER CORD TERMINAL F1

1	A
2	B
3	C
4	GROUND STUD
5	N

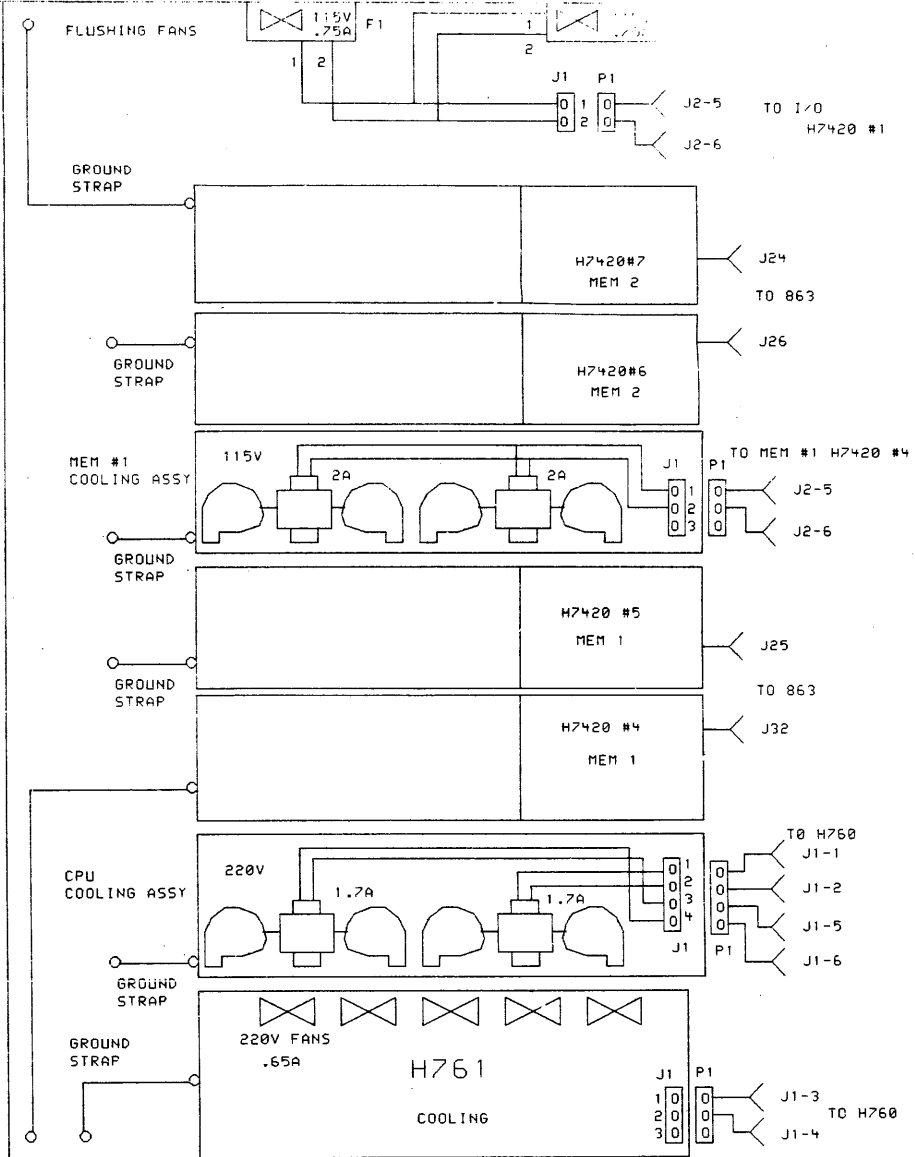
6. VIEWED FROM FRONT

7. DRAWING NOT TO SCALE

H760



CPU CABINET



KL10-EA,EB,EC,ED AC WIRING

digital

DRN: 27-JUN-79
CHK'D: 27-JUN-79
DATE: 27-JUN-79
ENG: 27-JUN-79
DATE: 27-JUN-79
BOARD LOCATION: 27-JUN-79
SHEET: 27-JUN-79
NEXT HIGHER ASSEMBLY: 27-JUN-79
FIRST USED ON OPTION: 27-JUN-79

TITLE: ARITHMETIC PROCESSOR

SIZE CODE: 27-JUN-79
NUMBER: 27-JUN-79

THIS DRAWING AND SPECIFICATIONS 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

REV. 1
NUMBER KL10-E-0
SIZE CODE 27-JUN-79
D

B

A

HARNESS CONNECTION CHART

ITEM NO.	HARNESS TERM		CONNECTION	WITH
	POINT	CONNECTION		
26		P2	H761/J2	
		P3	H761/J3	
	27		CPU #3/ST11	
	30		CPU #3/ST11	
	28		CPU #3/ST12	
	29		CPU #3/ST10	
	31		CPU #3/ST9	
	32		CPU #3/ST8	
	33		CPU #3/ST6	
	34		CPU #3/ST7	
	35		CPU #3/ST5	
	36		CPU #3/ST4	
	38		CPU #3/ST4	
	37		CPU #3/ST3	
	39		CPU #2/ST2	
	40		CPU #2/PT17-U	
	41		CPU #2/ST1	
	42		CPU #2/PT16-U	
	43		CPU #1/ST19	
	44		CPU #1/ST18	
	45		CPU #1/ST17	
	46		CPU #1/ST16	
	48		CPU #1/ST16	
	47		CPU #1/ST15	
	49		CPU #2/ST14	
	50		CPU #2/PT15-L	
	51		CPU #2/ST13	
26	52		CPU #2/PT17-L	
181		P1	H7420 #1/H744 (+5K) J1	
		P2	H7420 #1/H744 (+5J) J1	
		P3	H7420 #1/H744 (+5H) J1	
		P4	H7420 #1/H744 (+5F) J1	
		P5	H7420 #2/H744 (+5E) J1	
		P6	H7420 #2/H744 (+5D) J1	
		P7	H7420 #2/H744 (+5L) J1	
		P8	H7420 #2/H744 (+5C) J1	
		P9	H7420 #3/H744 (-5) J1	
		P10	H7420 #3/H744 (+5B) J1	
		P11	H7420 #3/H744 (+5A) J1	
		P12	H7420 #3/H745 (+15) J1	
181		P13	H7420 #3/H770 (+15) J1	

HARNESS CONNECTION CHART

ITEM NO.	HARNESS TERM		CONNECTION	WITH
	POINT	CONNECTION		
181	63		RH20/PT26-U	
	64		RH20/PT25-U	
	65		RH20/PT24-U	
	66		RH20/PT23-U	
	67		RH20/PT22-U	
	68		RH20/PT21-U	
	69		RH20/PT20-U	
	70		RH20/PT19-U	
	71		RH20/PT18-U	
	72		RH20/PT17-U	
	73		RH20/PT16-U	
	74		RH20/PT15-U	
	75		DTE20/PT14-U	
	76		DTE20/PT13-U	
	77		DTE20/PT12-U	
	78		DTE20/PT11-U	
	79		DTE20/PT10-U	
	80		DTE20/PT9-U	
	81		*1 DMA20/PT8-U	
	82		*1 DMA20/PT8-U	
	83		*1 DMA20/PT7-U	
	84		*1 DMA20/PT7-U	
	85		*1 DMA20/PT6-U	
	86		*1 DMA20/PT6-U	
	87		*1 DMA20/PT5-U	
	88		*1 DMA20/PT5-U	
	89		*2 DMA20/PT4-U	
	90		*2 DMA20/PT3-U	
	91		*2 DMA20/PT2-U	
	92		*2 DMA20/PT1-U	
	93		*2 DMA20/PT1-L	
	94		*2 DMA20/PT2-L	
	95		*1 DMA20/PT6-L	
181	96		*1 DMA20/PT6-L	

HARNESS CONNECTION CHART

ITEM NO.	HARNESS TERM		CONNECTION	WITH
	POINT	CONNECTION		
181	97		*1 DMA20/PT5-L	
	98		*1 DMA20/PT5-L	
	99		*1 DMA20/PT8-L	
	100		*1 DMA20/PT8-L	
	101		*1 DMA20/PT7-L	
	102		*1 DMA20/PT7-L	
	103		DTE20/PT10-L	
	104		DTE20/PT9-L	
	105		DTE20/PT11-L	
	106		DTE20/PT12-L	
	107		DTE20/PT13-L	
	108		DTE20/PT14-L	
	109		RH20/PT15-L	
	110		RH20/PT16-L	
	111		RH20/PT17-L	
	112		RH20/PT18-L	
	113		RH20/PT19-L	
	114		RH20/PT20-L	
	115		RH20/PT21-L	
	116		RH20/PT22-L	
	117		RH20/PT23-L	
	118		RH20/PT24-L	
	119		RH20/PT25-L	
181	120		RH20/PT26-L	
182	129		CPU VANE SWITCH J1-2	
	130		SEE NOTE 26	(ITEM #130)
	61		*3 H761 J4-2	
	62		*3 H761 J6-3	
	131		CPU #1/PT6-L	
	132		CPU #1/PT5-L	
	133		CPU #1/CT1	
	134		CPU #1/CT2	
	135		CPU #1/PT5-U	
182	136		CPU #1/PT6-U	

NOTES:

- *1 JUMPER WHEN DMA/DIA IS NOT USED SEE NOTE 13.1 ON SHEET 27
*2 SEE NOTE 13.2 ON SHEET 27
*3 SEE NOTE 13.4 ON SHEET 27

"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
-----	------------	-----

digital

DATE

ENG.

DATE

TITLE:

ARITHMETIC
PROCESSOR

FIRST USED ON OPTION/MODEL: KL10

NEXT HIGHER ASSEMBLY: B-DD-KL10-E

SIZE

CODE

D

UA

NUMBER

KL10-E-0

REV.

L

HARNESS CONNECTION CHART			
ITEM NO.	HARNESS TERM		WITH
	POINT	CONNECTION	
24	1	H761/TB4 (-2D,GND)	
	2	H761/TB4 (-2D)	
	3	H761/TB4 (-2C,GND)	
	4	H761/TB4 (-2C)	
	5	H761/TB4 (-2B,GND)	
	6	H761/TB4 (-2B)	
	7	H761/TB4 (-2A)	
	8	H761/TB4 (-2,GND)	
	9	H761/TB2 (-5,2E)	
	10	H761/TB2 (-5,2E GND)	
	11	H761/TB3 (-5,2F)	
	12	H761/TB3 (-5,2F,GND)	
	13	H761/TB3 (-5,2H)	
	14	H761/TB3 (-5,2H,GND)	
	15	H761/TB3 (-5,2J)	
	16	H761/TB3 (-5,2J,GND)	
	17	H761/TB2 (-5,2A,GND)	
	18	H761/TB2 (-5,2A)	
	19	H761/TB2 (-5,23)	
	20	H761/TB2 (-5,2B,GND)	
	21	H761/TB2 (-5,2C)	
	22	H761/TB2 (-5,2C,GND)	
	23	H761/TB2 (-5,2D)	
	24	H761/TB2 (-5,2D,GND)	
	25	H761/TB1 (-5,2<)	
	26	H761/TB1 (-5,2<,GND)	
	27	CPU #1/PT1-U	
	28	CPU #1/PT2-U	
	29	CPU #1/PT3-U	
	30	CPU #1/PT4-U	
	31	CPU #1/PT7-U	
	32	CPU #1/PT8-U	
	33	CPU #1/PT9-U	
	35	CPU #1/PT9-U	
	34	CPU #1/PT10-U	
	36	CPU #1/PT10-U	
	37	CPU #2/PT11-U	
	38	CPU #2/PT12-U	
	39	CPU #2/PT13-U	
	40	CPU #2/PT14-U	
	41	CPU #2/PT15-U	
	42	CPU #2/PT16-U	
	43	CPU #2/PT17-U	
	44	CPU #2/PT18-U	
	45	CPU #2/PT19-U	
	47	CPU #2/PT19-U	
	46	CPU #2/PT20-U	
	49	CPU #2/PT20-U	
	49	CPU #3/PT21-U	
	50	CPU #3/PT22-U	
	51	CPU #3/PT23-U	
	52	CPU #3/PT24-U	
	53	CPU #3/PT25-U	
	54	CPU #3/PT26-U	
24	55	CPU #3/PT2-U	

HARNESS CONNECTION CHART			
ITEM NO.	HARNESS TERM		WITH
	POINT	CONNECTION	
24	56	CPU #3/PT28-U	
	57	CPU #3/PT29-U	
	58	CPU #3/PT30-U	
	59	CPU #3/PT31-U	
24	60	CPU #3/PT32-U	
25	1	H761 TB1 (-2D,GND)	
	2	H761/TB4 (-2D)	
	3	H761 TB4 (-2C,GND)	
	4	H761/TB4 (-2C)	
	5	H761 TB4 (-2B,GND)	
	6	H761/TB4 (-2B)	
	7	H761/TB4 (-2A)	
	8	H761/TB4 (-2A,GND)	
	9	H761/TB2 (-5,2E)	
	10	H761/TB2 (-5,2E GND)	
	11	H761/TB3 (-5,2F)	
	12	H761/TB3 (-5,2F,GND)	
	13	H761/TB3 (-5,2H)	
	14	H761/TB3 (-5,2H,GND)	
	15	H761/TB3 (-5,2J)	
	16	H761/TB3 (-5,2J,GND)	
	17	H761/TB2 (-5,2A GND)	
	18	H761/TB2 (-5,2A)	
	19	H761/TB2 (-5,2B)	
	20	H761/TB2 (-5,2B,GND)	
	21	H761/TB2 (-5,2C)	
	22	H761/TB2 (-5,2C,GND)	
	23	H761/TB2 (-5,2D)	
	24	H761/TB2 (-5,2D,GND)	
	25	H761/TB1 (-5,2K)	
	26	H761/TB32(-5,2K,GND)	
	27	CPU #3/PT32-L	
	28	CPU #3/PT31-L	
	29	CPU #3/PT30-L	
	30	CPU #3/PT29-L	
	31	CPU #3/PT28-L	
	32	CPU #3/PT27-L	
	33	CPU #3/PT26-L	
	34	CPU #3/PT25-L	
	35	CPU #3/PT24-L	
	36	CPU #3/PT23-L	
	37	CPU #3/PT22-L	
	38	CPU #3/PT21-L	
	39	CPU #3/PT20-L	
	41	CPU #3/PT20-L	
	40	CPU #2/PT19-L	
	42	CPU #2/PT19-L	
	43	CPU #2/PT18-L	
	44	CPU #2/PT17-L	
	45	CPU #2/PT16-L	
	46	CPU #2/PT15-L	
	47	CPU #2/PT14-L	
	48	CPU #2/PT13-L	
	49	CPU #2/PT12-L	
25	50	CPU #2/PT11-L	

HARNESS CONNECTION CHART			
ITEM NO.	HARNESS TERM		WITH
	POINT	CONNECTION	
25	51	CPU #1/PT18-L	
	53	CPU #1/PT18-L	
	52	CPU #1/PT9-L	
	54	CPU #1/PT9-L	
	55	CPU #1/PT8-L	
	56	CPU #1/PT7-L	
	57	CPU #1/PT4-L	
	58	CPU #1/PT3-L	
	59	CPU #1/PT2-L	
25	60	CPU #1/PT1-L	

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

digital	DATE 6 JAN 77	ENG. J.B. McKelvey	DATE 12 APR 77	TITLE: ARITHMETIC PROCESSOR
	CHK'D J. J. Hinkle	DATE 13 APR 77	BOARD LOCATION: 34 OF 36	NUMBER
FIRST USED ON OPTION/MODEL: KL10		NEXT HIGHER ASSEMBLY: B-DD-KL10-E		REV. L

D

C

B

A

D

A

REV. 1
NUMBER
KL10-E-0
SIZE CODE
D UA
B

ME

8

7

6

5

4

3

2

1

8-3-81 TX 01 0000 0015

CABLE CONNECTION CHART

ITEM NO.	FROM		TO		REMARKS
	UNIT	LOCATION	UNIT	LOCATION	
42	11/40/RH11-AB	CD04	CABLE CONVERSION PLATE ASSY (ITEM #22)	SLOT A	
42	11/40/RH11-AB	CD05	CABLE CONVERSION PLATE ASSY (ITEM #22)	SLOT B	
42	11/40/RH11-AB	CD06	CABLE CONVERSION PLATE ASSY (ITEM #22)	SLOT C	
49	11/40/DD11-B	AB04	RH20/DTE20 LOGIC ASSY (ITEM #20)	HJ05	
43	PERPH/DB11-A	AB01	RH20/DTE20 LOGIC ASSY (ITEM #20)	HJ06	
44	CPU LOGIC ASSY (ITEM #21)	AB01	RH20 DTE20 LOGIC ASSY (ITEM #20)	AB27	
45	CPU LOGIC ASSY (ITEM #21)	CD01	RH20 DTE20 LOGIC ASSY (ITEM #20)	CD37	
45	CPU LOGIC ASSY (ITEM #21)	EF01	RH20 DTE20 LOGIC ASSY (ITEM #20)	EF37	
REF	RH20 DTE20 LOGIC ASSY (ITEM #20)	AB01	DMA20 LOGIC ASSY (ITEM #22)	AB16	
REF	RH20 DTE20 LOGIC ASSY (ITEM #20)	CD01	DMA20 LOGIC ASSY (ITEM #22)	CD16	
REF	CPU LOGIC ASSY (ITEM #21)	AB02	DM-20 LOGIC ASSY (ITEM #22)	AB01	
REF	CPU LOGIC ASSY (ITEM #21)	CD02	DMA20 LOGIC ASSY (ITEM #22)	CD02	
157	863	J8	863	J2	
149	863	J3	861	J3	
47	CABLE CONVERSION PLATE ASSY (ITEM #22)	J1	11/40	CONN (7000360)	
32 OF 34	H7420 #1	—	863	J30	
	H7420 #2	—	863	J28	
	H7420 #3	—	863	J29	
32 OF 34	H7420 #4	—	863	J32	
32 OF 34	H7420 #5	—	863	J25	
82	H760	—	863	J1	
—	REMOTE TURN-ON ASSY (ITEM #169)	—	863	J20	
—	—	—	—	J21	

"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

digital

FIRST USED ON OPTION MODEL: KL10

DATE	ENG	DATE	TITLE
6 JAN 77	B. H. C. C.	12 APR 77	ARITHMETIC PROCESSOR
DATE	DESIGN LOCATION	DATE	DESIGN LOCATION
12 APR 77	—	12 APR 77	—

NEXT HIGHER ASSEMBLY:
B-DD-KL10-ESIZE CODE
D UANUMBER
KL10-E-0

REV.

8

7

6

5

4

3

2

1

MR

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

REAR VIEW I/O CAB
SCALE: 1/2
(FOR KLIQ-EA, EB, EC & ED VARIATIONS ONLY)

OR 211 REF
OR 210 REF
(SEE NOTE 37)
OPTIONAL FOR
MEMORY #2

HOLE #69

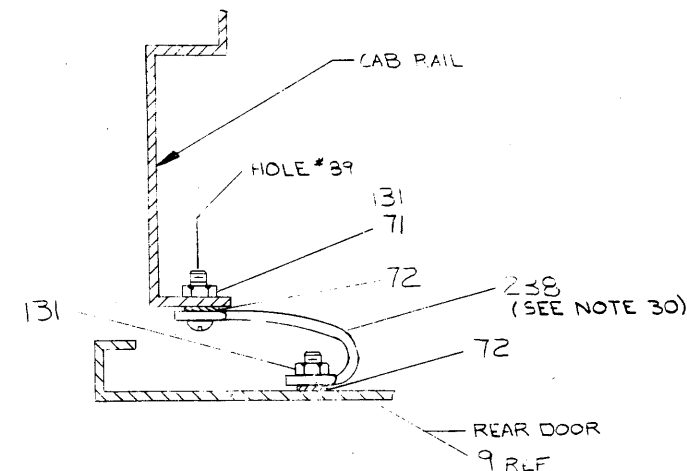
HOLE #63

HOLE #61

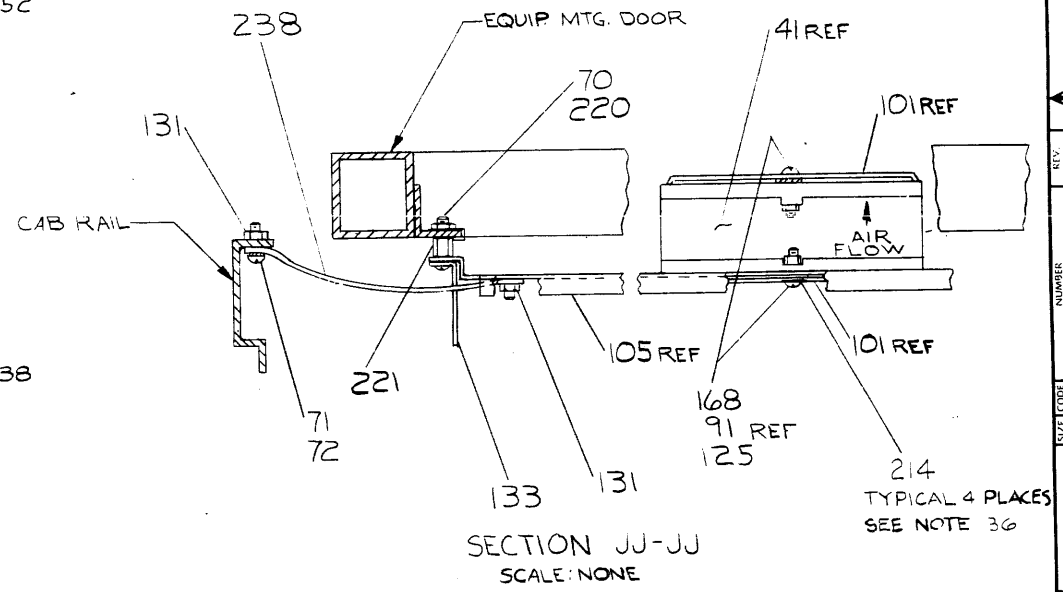
HOLE #52

HOLE #38

HOLE #29



SECTION M-M
SCALE: NONE
TYP. 6 REAR DOORS
LEFT HAND SHOWN



SECTION JJ-JJ
SCALE: NONE

REVISIONS		
CHK	CHANGE NO.	REV.

TITLE		SIZE CODE	NUMBER	REV.
ARITHMETIC PROCESSOR		DUA KLIQ-E-0	L	
SCALE	SHEET	DIST.		
	36 OF 36			

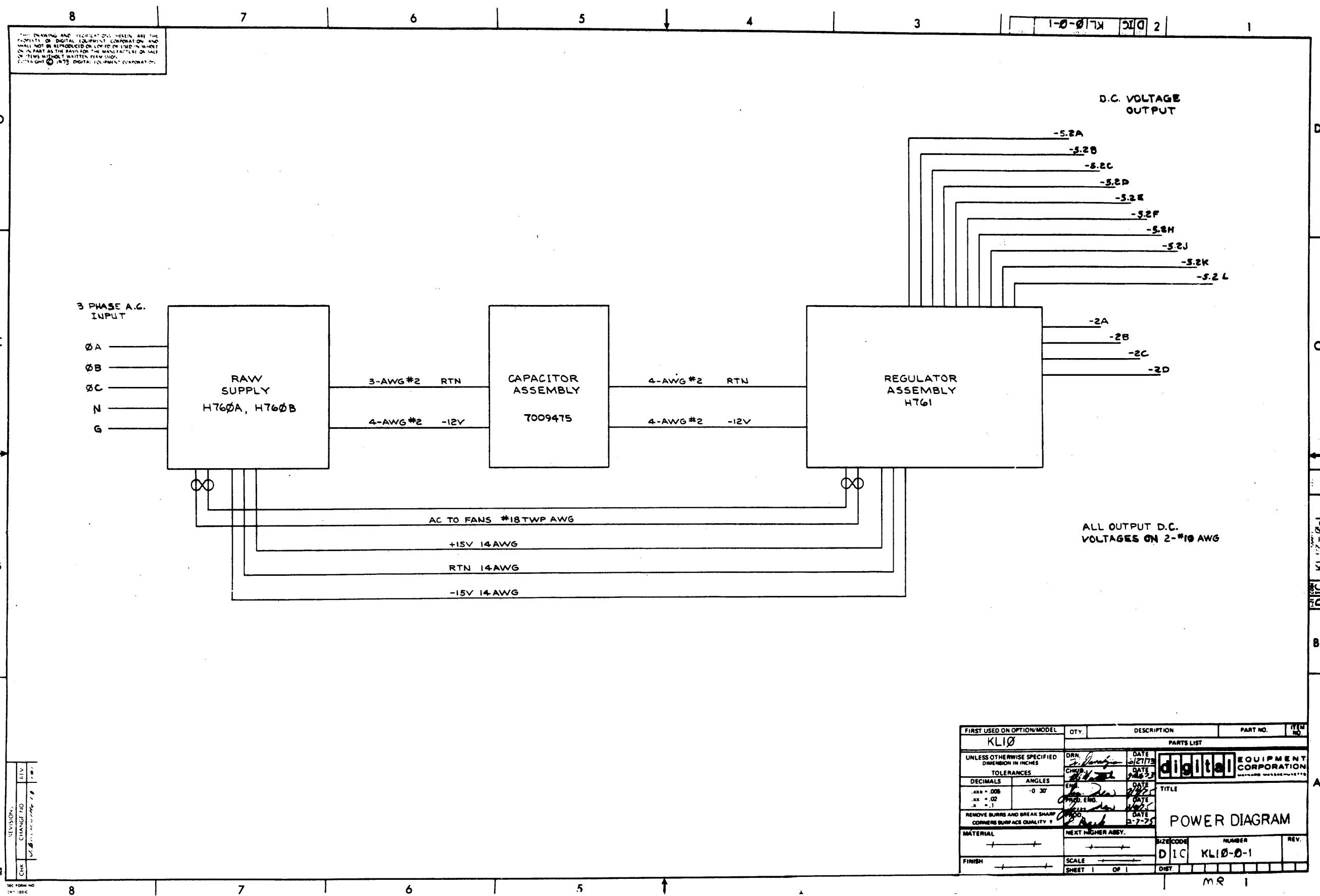
MR

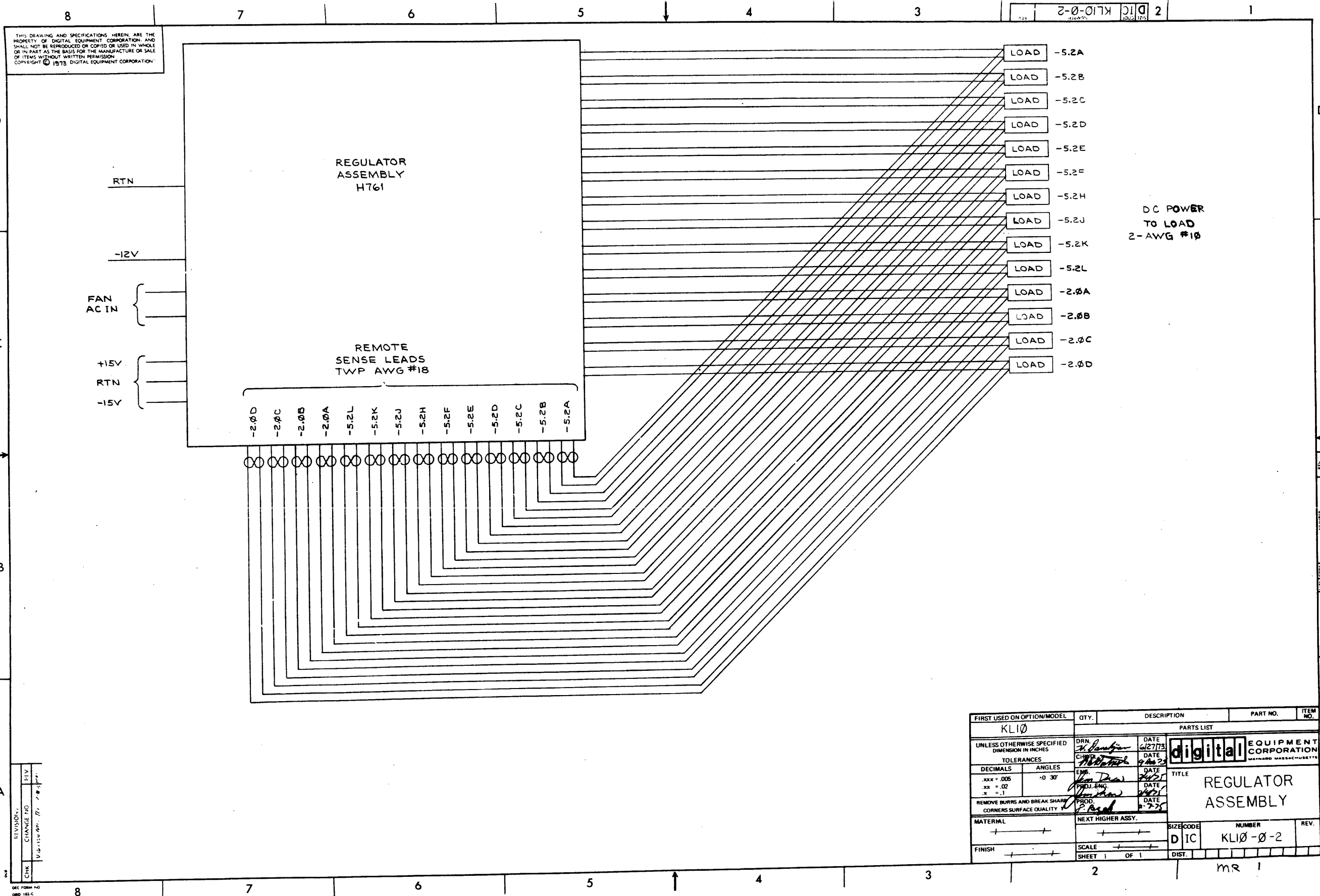
[illegible]

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. COPYRIGHT © 1976, DIGITAL EQUIPMENT CORPORATION			4								3								2								1							
ITEM NO.	PART NO.	DESCRIPTION	KL10-EA	KL10-EB	KL10-EC	KL10-ED	KL10-EE	KL10-EF	KL10-EG	KL10-EH	KL10-EI	KL10-EJ	KL10-EK	KL10-EL	KL10-EM	KL10-EN	KL10-EO	KL10-EP	KL10-EQ	KL10-ER	KL10-ES	KL10-ET	KL10-EU	KL10-EV	KL10-EW	KL10-EX	KL10-EY	KL10-EZ						
44	D-UA-BC11A-2-0	CABLE ASSY UNIBUS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
45	D-UA-BC20C-1C-0	CONN ASSY (SBUS)	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2						
46	D-IA-7008288-8F-0	CABLE ASSY	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1							
47	D-UA-BC05F-15-0	CABLE INTERFACE	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1							
48	D-MD-7413892-0-0	PLATE PROTECTION	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1							
49	D-UA-BC11A-13-0	CABLE ASSY	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1							
50	D-IA-7012210-0-0	POWER CORD (60HZ)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1							
51	D-IA-7012275-0-0	POWER CORD (50HZ)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1							
52	D-AD-7010311-0-0	CABLE CONVERSION PLATE ASSY	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1							
53	E-UA-863-D-0	POWER CONTROL (60HZ)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1							
54	E-UA-863-E-0	POWER CONTROL (50HZ)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1							
55	E-AD-7009878-1	CAPACITOR BOX ASSY	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1							
56	D-MD-7415000-0-0	STIFFENER CAB.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1							
57	D-MD-7414616-0-0	STIFFENER CAB.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1							
58	D-MD-7414527-0-0	MTG. PLATE #1 PWR SUPPLY	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1							
59	D-MD-7414528-0-0	MTG. PLATE #2 PWR SUPPLY	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1							
60	D-IA-7412379-0-0	CONNECTOR PANEL	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1							
61	D-AD-7009861-0-0	HOUSING ASSY RECEPTACLE	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2							
62	9006390-6	SCR SLOTTED FIL HD #4-40 X .38	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32							
63	9006231-9	SCR HEX HD #10-32 X .50	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2							
64	C-MD-7414386-0-0	BRACKET (H317-B)	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4							
65	C-IA-7414771-0-0	STRAIN RELIEF	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5							
66	C-IA-7414772-0-0	CLAMP, STRAIN RELIEF	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5							
67	C-IA-7011025-0-0	CABLE ASSY (SW PANEL/BMS73)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1							
68	C-IA-7011831-0-0	CABLE ASSY (DTE20SW, PANEL/11/40)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1							
69	D-UA-H745-0-0	-15V REGULATOR	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1							
70	9007786	RETAINER, U-NUT #10-32	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164							
71	9006074-3	SCR, PHL TRUSS HD #10-32 X .62	251	251	251	251	251	251	251	251	251	251	251	251	251	251	251	251	251	251	251	251	251	251	251	251	251							
72	9007651	WASHER, EXT TOOTH LOCK #10	362	362	362	362	362	362	362	362	362	362	362	362	362	362	362	362	362	362	362	362	362	362	362	362	362							
73	C-IA-7011833-07-0	CABLE ASSY (SW, PANEL/863 P.C.)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1							
74	E-IA-7012024-0-0	REAR DOOR RIGHT	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3							
75	D-IA-7011838-0-0	STRIP FILLER ASSY	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4							
76	D-MD-7414403-0-0	STRIP TOP FILLER	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2							
77	9007772-13	CLAMP CABLE	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1							
78	D-IA-7414726-0-0	SUPPORT, PIVOT FRONT DOOR	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3												

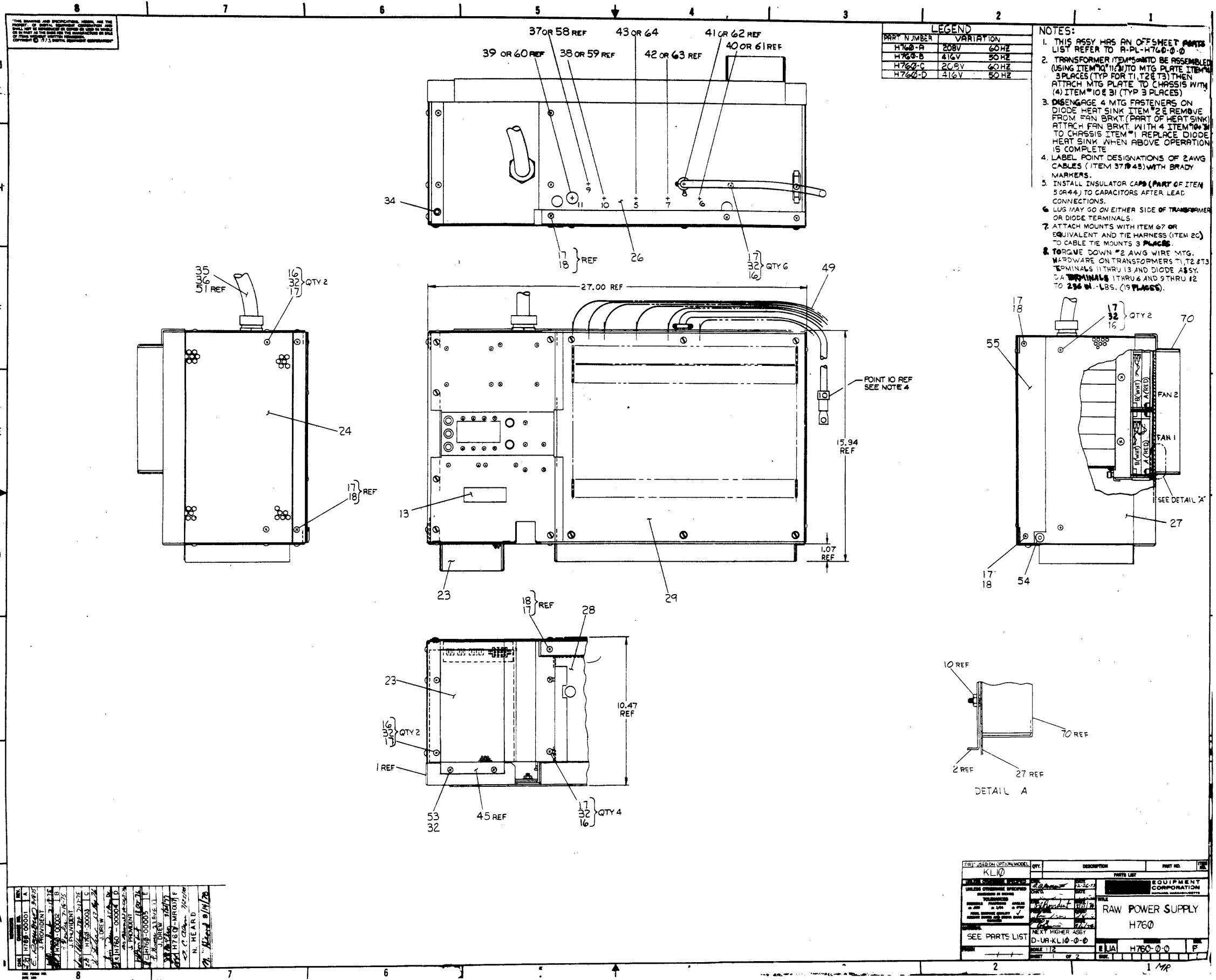
THIS DRAWING AND SPECIFICATIONS, HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1976, DIGITAL EQUIPMENT CORPORATION																																					
PART NO.			DESCRIPTION			KL10-FA	KL10-EB	KL10-EC	KL10-ED	KL10-EE	KL10-EF	KL10-EH	KL10-EJ																								
130	1209378-00	PIN, CONTACT	16	16	16	16	16	16	16	16	16	16	16																								
131	9006565	NUT, KEPS #10-32	238	238	238	238	238	238	238	238	238	238	238																								
132	9006021-1	SCR, PHL PAN HD #6-32 X .31	48	48	48	48	48	48	48	48	48	48	48																								
133	C-MD-7418502-0-0	POWER SUPPLY COVER PLATE	1	1	1	1	1	1	1	1	1	1	1																								
134	D-AD-7013828-0-0	PANEL ASSY INTERFACE	1	1	1	1	1	1	1	1	1	1	1																								
135	D-IA-7012203-0-0	DUCT ASSY I/O	1	1	1	1	1	1	1	1	1	1	1																								
136	D-IA-7012216-0-0	DUCT ASSY CPU	1	1	1	1	1	1	1	1	1	1	1																								
137	D-IA-7012204-0-0	DUCT ASSY MB20	1	1	1	1	1	1	1	1	1	1	1																								
138	9008922-9	SCR., HEX HD #3/8-16 X 1.0	4	4	4	4	4	4	4	4	4	4	4																								
139	9006593	NUT, HEX #3/8-16	4	4	4	4	4	4	4	4	4	4	4																								
140	E-UA-MB20-GA	MEMORY ASSY (64K/60HZ)	1	-	-	-	-	-	-	-	-	-	-																								
141	E-UA-MB20-CB-0	MEMORY ASSY (64K/50HZ)	-	1	-	-	-	-	-	-	-	-	-																								
142	A-SP-KL10-C-PI	PACKAGING INSTRUCTIONS	REF	REF	REF	REF	REF	REF	REF	REF	REF	REF	REF																								
143	1209351-12	CONN., PIN HSG 12 PIN	1	1	1	1	1	1	1	1	1	1	1																								
144	1209379-02	SOCKET, CONTACT	8	8	8	8	8	8	8	8	8	8	8																								
145	1212907-00	CABLE	3	3	3	3	3	3	3	3	3	3	3																								
146	9009025	WASHER, FLAT .281 I.D. X .875 O.D.	6	6	6	6	6	6	6	6	6	6	6																								
147	9007969-00	CONNECTOR, OJICK CONNECT	6	6	6	6	6	6	6	6	6	6	6																								
148	9007880	CABLE TIE	450	450	450	450	450	450	450	450	450	450	450																								
149	D-IA-7008288-3F-0	CABLE ASSY	1	1	1	1	1	1	1	1	1	1	1																								
150	1211255-03	FOAM, (DUCT)	3	3	3	3	2	2	2	2	2	2	2																								
151	1211255-01	FOAM (GRILL)	2	2	2	2	2	2	2	2	2	2	2																								
152	1213121	FOAM (REAR DOOR)	6	6	6	6	6	6	6	6	6	6	6																								
153	9006037-2	SCR., PHL FLAT HD #8-32 X .38	12	12	12	12	12	12	12	12	12	12	12																								
154	9008450	SPACER, HEX THREADED #10-32 X 1.25	4	4	4	4	4	4	4	4	4	4	4																								
155	9009350	CABLE TIE	5	5	5	5	5	5	5	5	5	5	5																								
156	9006664	WASHER, FLAT #10	18	18	18	18	18	18	18	18	18	18	18																								
157	D-IA-7008288-06-0	CABLE ASSY	1	1	1	1	1	1	1	1	1	1	1																								
158	C-IA-7415201-0-0	PLATE, ADAPTER	1	1	1	1	1	1	1	1	1	1	1																								
159	C-IA-7415410-0-0	RETAINER, FILTER	4	4	4	4	4	4	4	4	4	4	4																								
160	C-MD-7415438-0-0	FILLER STRIP	3	3	3	3	3	3	3	3	3	3	3																								
161	C-MD-7415476-0-0	COVER SHIELD	1	1	1	1	1	1	1	1	1	1	1																								
162	B-MD-7415420-0-0	BRACKET (MEM #1)	2	2	2	2	-	-	-	-	-	-	-																								
163	C-MD-7415409-0-0	BRACKET, LEFT SIDE (CPU)	1	1	1	1	1	1	1	1	1	1	1																								
164	C-MD-7415399-0-0	BRACKET, RIGHT SIDE (CPU)	1	1	1	1	1	1	1	1	1	1	1																								
165	B-MD-7415413-0-0	BRACKET NO. 1 (I/O)	1	1	1	1	1	1	1	1	1	1	1																								
166	B-MD-7415412-0-0	BRACKET NO. 2 (I/O)	1	1	1	1	1	1	1	1	1	1	1																								
167	9006233-9	SCR., HEX HEAD UNSLOTTED #10-32 X .75	4	4	4	4	4	4	4	4	4	4	4																								
168	9006041-1	SCR., PHL PAN HD #8-32 X .75	16	16	16	16	16	16	16	16	16	16	16																								
169	C-AD-7011799-0-0	50HZ REMOTE TURN-ON ASSY	-	1	-	-	-	-	-	-	-	-	-																								
170	1210820-1	PASTAB SKT HOUSING	12	12	12	12	12	12	12	12	12	12	12																								
171	1211255-02	FOAM (FRONT DOOR)	5	5	5	5	5	5	5	5	5	5	5																								
172	A-DC-7415449-0-0	DECAL, CAUTION	2	2	2	2	2	2	2	2	2	2	2																								

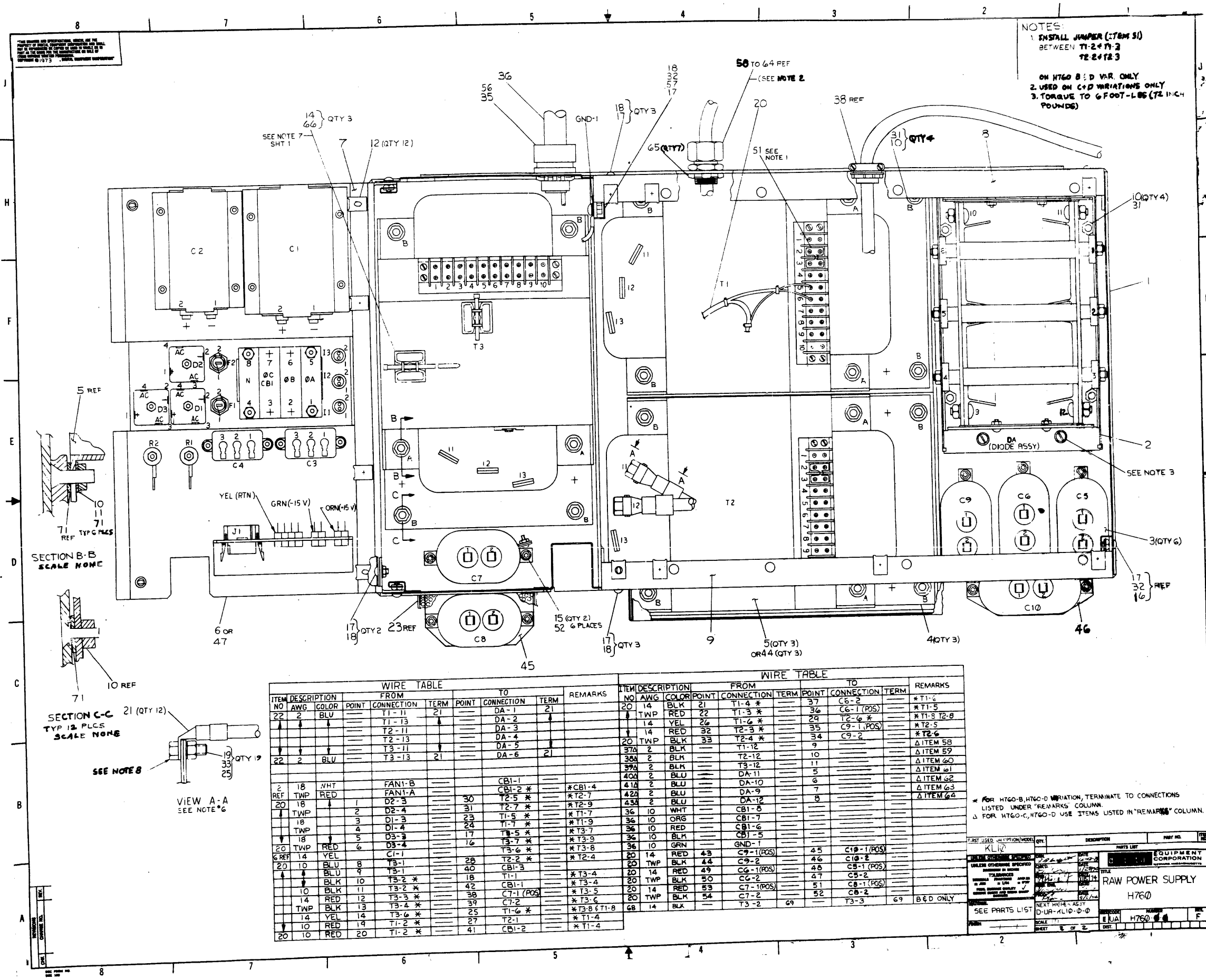
THIS DRAWING AND SPECIFICATIONS, HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1976, DIGITAL EQUIPMENT CORPORATION			KL10-EA	KL10-EB	KL10-EC	KL10-ED	KL10-EE	KL10-EF	KL10-EH	KL10-EJ																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						</
---	--	--	---------	---------	---------	---------	---------	---------	---------	---------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	----





FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
KL10					
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES		PARTS LIST			
TOLERANCES		digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS			
DECIMALS	ANGLES	TITLE			
.XXX = .005	±0° 30'	REGULATOR ASSEMBLY			
.XX = .02		NUMBER			
.X = .1		KL10-0-2			
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY		REV.			
MATERIAL		SIZE CODE			
FINISH		D IC			
		SCALE			
		SHEET 1 OF 1			
		DIST.			





NOTES:
1. INSTALL JUMPER (ITEM 51)
BETWEEN T1-2 & T1-3
T2-2 & T2-3
ON HT60 B & D VAR. ONLY
2. USED ON C+D VARIATIONS ONLY
3. TORQUE TO 6 FOOT-POUNDS (72 INCH
POUNDS)

SECTION B-B
SCALE NONE

SECTION C-C
SCALE NONE

VIEW A-A
SCALE NONE

45

WIRE TABLE										WIRE TABLE									
ITEM NO	DESCRIPTION	FROM			TO			REMARKS	ITEM NO	DESCRIPTION	FROM			TO			REMARKS		
		AWG	COLOR	POINT	CONNECTION	TERM	POINT				CONNECTION	TERM	AWG	COLOR	POINT	CONNECTION		TERM	
22	2	BLU			T1-11	21		DA-1	21		20	14	BLK	21	T1-4 *	37	C6-2		*T1-6
					T1-13			DA-2							T1-3 *	36	C6-1 (POS)		*T1-5
					T2-11			DA-3							T1-6 *	29	T2-6 *		*T1-8 T2-8
					T2-13			DA-4							T2-3 *	35	C9-1 (POS)		*T2-5
					T3-11			DA-5							T2-4 *	34	C9-2		*T2-6
					T3-13	21		DA-6	21		20	TWP	BLK	33	T2-4 *	34			
22	2	BLU									37A	2	BLK		T1-12	9			Δ ITEM 58
											36A	2	BLK		T2-12	10			Δ ITEM 59
											37A	2	BLK		T3-12	11			Δ ITEM 60
											40A	2	BLU		DA-11	5			Δ ITEM 61
											41A	2	BLU		DA-10	6			Δ ITEM 62
											42A	2	BLU		DA-9	7			Δ ITEM 63
											43A	2	BLU		DA-12	8			Δ ITEM 64
2	18	WHT			FAN1-B			CB1-1											
REF	18	RED			FAN1-A			CB1-2 *											
20	18				D2-3	30		T2-5 *											
	18				D2-4	31		T2-7 *											
	18				D1-3	23		T1-5 *											
	18				D1-4	24		T1-7 *											
	18				D3-3	17		T3-5 *											
	18				D3-4	16		T3-7 *											
20	18	RED			C1-1			T3-6 *											
6	18				T3-1	25		T2-2 *											
REF	14	YEL			T3-1	26		CB1-3											
	14	BLU			T3-2 *	18		T1-1											
	14	BLU			T3-2 *	42		CB1-1											
	10	BLK			T3-3 *	38		C7-1 (POS)											
	10	RED			T3-4 *	39		C7-2											
	TWP	BLK			T3-6 *	25		T1-6 *											
	14	YEL			T1-2 *	27		T2-1											
	10	RED			T1-2 *	41		CB1-2											
20	10	RED																	

FOR HT60-B, HT60-D VARIATION, TERMINATE TO CONNECTIONS LISTED UNDER "REMARKS" COLUMN. Δ FOR HT60-C, HT60-D USE ITEMS LISTED IN "REMARKS" COLUMN.

DATE	10/2/74	BY	KLW	REVIEWED	
TESTED		DATE		BY	
APPROVED		DATE		BY	
REWORK		DATE		BY	

SEE PARTS LIST

DESCRIPTION	PART NO.	QTY.
RAW POWER SUPPLY	H760	1

SCALE: 1" = 2"

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

PARTS LIST

MADE BY
V. Souza
1/16/74

CHECKED
D. Healy
1/28/74

SECTION
I

DATE
1/16/74

DATE
1/28/74

ENG

PROD
D. Healy

ISSUED SECT.

DATE

DATE
9-6-74

ITEM NO	DWG NO. / PART NO.	DESCRIPTION	H760-A(208V 60HZ)	H760-B(416V 50HZ)	H760-C(208V 60HZ)	H760-D(416V 50HZ)	QUANTITY / VARIATION
REF	D-CS-H760-0-1	CIRCUIT SCHEMATIC (H760)	X	X	X	X	
1	E-IA-7410892-0-0	CHASSIS PWR SUPPLY	1	1	1	1	
2	E-IA-7009409-0-0	DIODE HEAT SINK ASSY	1	1	1	1	
3	1611491 (REF)	CAPACITOR (SUPPLIED WITH ITEM #5 OR #44)	6	6	6	6	
4	C-MD-7410893-0-0	PLATE, MOUNTING	3	3	3	3	
5	1611491	TRANS., STEP DOWN 208V 180A 60HZ	3	-	3	-	
6	D-AD-7009410-0-1	COMPONENT MTG PLATE ASSY	1	-	1	-	
7	C-MD-7410903-0-0	HINGE, REWORK	1	1	1	1	
8	D-MD-7410902-2-0	ANGLE, COVER MTG. (L.H.)	1	1	1	1	
9	D-MD-7410902-1-0	ANGLE, COVER MTG. (R.H.)	1	1	1	1	
10	9008203	NUT, KEP 1/4-20	22	22	22	22	
11	9006057-2	SCREW, PHL HD FLAT 1/4-20 x .63	6	6	6	6	
12	9008196	RECEPTACLE, CLIP ON	12	12	12	12	
13	9009255	LABEL, ADHESIVE BACKED	1	1	1	1	
14	9007031	TIES, CABLE	12	12	12	12	
15	9008185	NUT, KEPS #6-32	12	12	12	12	
16	9007786	NUT, TINNEDMAN #10-32	16	16	16	16	
17	9006072-1	SCREW, PHL, PAN HD #10-32 x .43	27	27	27	27	
18	9006565	NUT KEPS #10-32	11	11	11	11	
19	9008922-9	SCREW, HEX HD 3/8-16 x 1.00	19	19	19	19	
20	E-IA-7009744-0-0	HARN. INTERCONN. (RAW P.S. H760)	1	1	1	1	
21	1211514	LUG, RIGHT ANGLE #2	12	12	12	12	

TITLE

PAW POWER SUPPLY

ASSY NO.
E-VA-H760-0-0

SIZE CODE
A PL

NUMBER
H760-0-0

REV.
F

ECO NO.
H760
00007

DEC FORM DEC 16 (325) 1031 N870
DRA 110

MR

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

PARTS LIST

MADE BY
V. Souza
1/16/74

CHECKED
D. Healy
1/28/74

SECTION
I

DATE
1/16/74

DATE
1/28/74

ENG

PROD
D. Healy

ISSUED SECT.

DATE

DATE
9-6-74

ITEM NO	DWG NO. / PART NO.	DESCRIPTION	H760-A(208V 60HZ)	H760-B(416V 50HZ)	H760-C(208V 60HZ)	H760-D(416V-50HZ)	QUANTITY / VARIATION
22	9107164-66	WIRE, #2 AWG INS. 2LU	A/R	A/R	A/R	A/R	
23	D-IA-7009772-0-0	SCREEN WELDMENT #1	1	1	1	1	
24	D-MD-7411558-1-0	COVER PROTECTION #3	1	1	1	1	
25	9006639	WASHER, LKG, INT TOOTH .375	19	19	19	19	
26	D-MD-7411586-0-0	PLATE PROTECTION	1	1	1	1	
27	D-MD-7411558-2-0	COVER PROTECTION #3	1	1	1	1	
28	D-IA-7009773-0-0	SCREEN WELDMENT #2	1	1	1	1	
29	D-IA-7410898-0-0	COVER, POWER SUPPLY	1	1	1	1	
30	9006071-1	SCREW, PHL HD, PAN #10-32 x .38	19	19	19	19	
31	9008415	WASHER, FLAT .572 O.D. x .270 I.D. x .06	10	10	10	10	
32	9006635	WASHER INT TOOTH LOCK #10	21	21	21	21	
33	9006593	NUT, HEX HD 3/8-16	19	19	19	19	
34	9007013	GROMMET, .44 DIA. x .19 HOLE	1	1	1	1	
35	1211198-3	STRAIN RELIEF	1	1	1	1	
36	E-IA-7011036-0-0	POWER CORD, H760	1	1	1	1	
37	C-IA-7010844-1-0	POWER CABLE #1	1	1	-	-	
38	C-IA-7010844-2-0	POWER CABLE #1	1	1	-	-	
39	C-IA-7010844-3-0	POWER CABLE #1	1	1	-	-	
40	C-IA-7010845-1-0	POWER CABLE #2	1	1	-	-	
41	C-IA-7010845-2-0	POWER CABLE #2	1	1	-	-	
42	C-IA-7010845-3-0	POWER CABLE #2	1	1	-	-	
43	C-IA-7010845-4-0	POWER CABLE #2	1	1	-	-	

TITLE

PAW POWER SUPPLY

ASSY NO.
E-VA-H760-0-0

SIZE CODE
A PL

NUMBER
H760-0-0

REV.
F

ECO NO.

DEC FORM DEC 16 (325) 1031 N870
DRA 110

MR

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS
PARTS LIST

MADE BY	V.Souza	CHECKED	D. Healy	SECTION
DATE	1/16/74	DATE	1/28/74	
ENG		PROD		ISSUED SECT.
DATE		DATE		

ITEM NO.	DWG NO. / PART NO.	DESCRIPTION	H766	H767	H760	H760
44	1611985	TRANS., STEPDOWN 416V 180A 50HZ	-	3	-	3
45	C-IA-7413131-C-0	CAP. MOUNTING BRKT. #1	1	1	1	1
46	C-IA-7010838-0-0	CAPACITOR SUPPORT WELDMENT	1	1	1	1
47	D-AD-7009410-2-0	COMPONENT MTG. PLATE ASSEMBLY	-	1	-	1
~~48~~	~~9007772-11~~	~~CLAMP, CABLE~~	~~1~~	~~1~~		
49	9007032	TIES, CABLE	12	12	12	12
~~50~~	~~9006074-2~~	~~SCREW, PHL FLAT HD #10-32 x .62~~	~~1~~	~~1~~		
51	9009002	JUMPER, TERM BLOCK	-	2	-	2
52	9006653	WASHER, FLAT No.6	12	12	12	12
53	9006071-3	SCREW, PHL TRUSS HD #10-32 x .375	4	4	4	4
54	9007857	GROMMET	1	1	1	1
55	C-IA-7413454-0-0	SUPPORT, COVER	1	1	1	1
56	9009309-02	LOCKNUT	1	1	1	1
57	9007651	WASHER, LK6 EXT TOOTH *10	1	1	1	1
58	C-IA-7012467-0-0	POWER CABLE #3	-	-	1	1
59	C-IA-7012467-1-0	POWER CABLE #3	-	-	1	1
60	C-IA-7012467-2-0	POWER CABLE #3	-	-	1	1
61	C-IA-7012468-0-0	POWER CABLE #4	-	-	1	1
62	C-IA-7012468-1-0	POWER CABLE #4	-	-	1	1
63	C-IA-7012468-2-0	POWER CABLE #4	-	-	1	1
64	C-IA-7012468-3-0	POWER CABLE #4	-	-	1	1
65	9009309-00	LOCKNUT	-	-	7	7

TITLE		ASSY NO.		SIZE	CODE	NUMBER	REV.	ECONO.
RAW POWER SUPPLY		E-UA-H760-0-0		A	PL	H760-0-0	F	
SHEET 3		OF 4		DIST.				

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

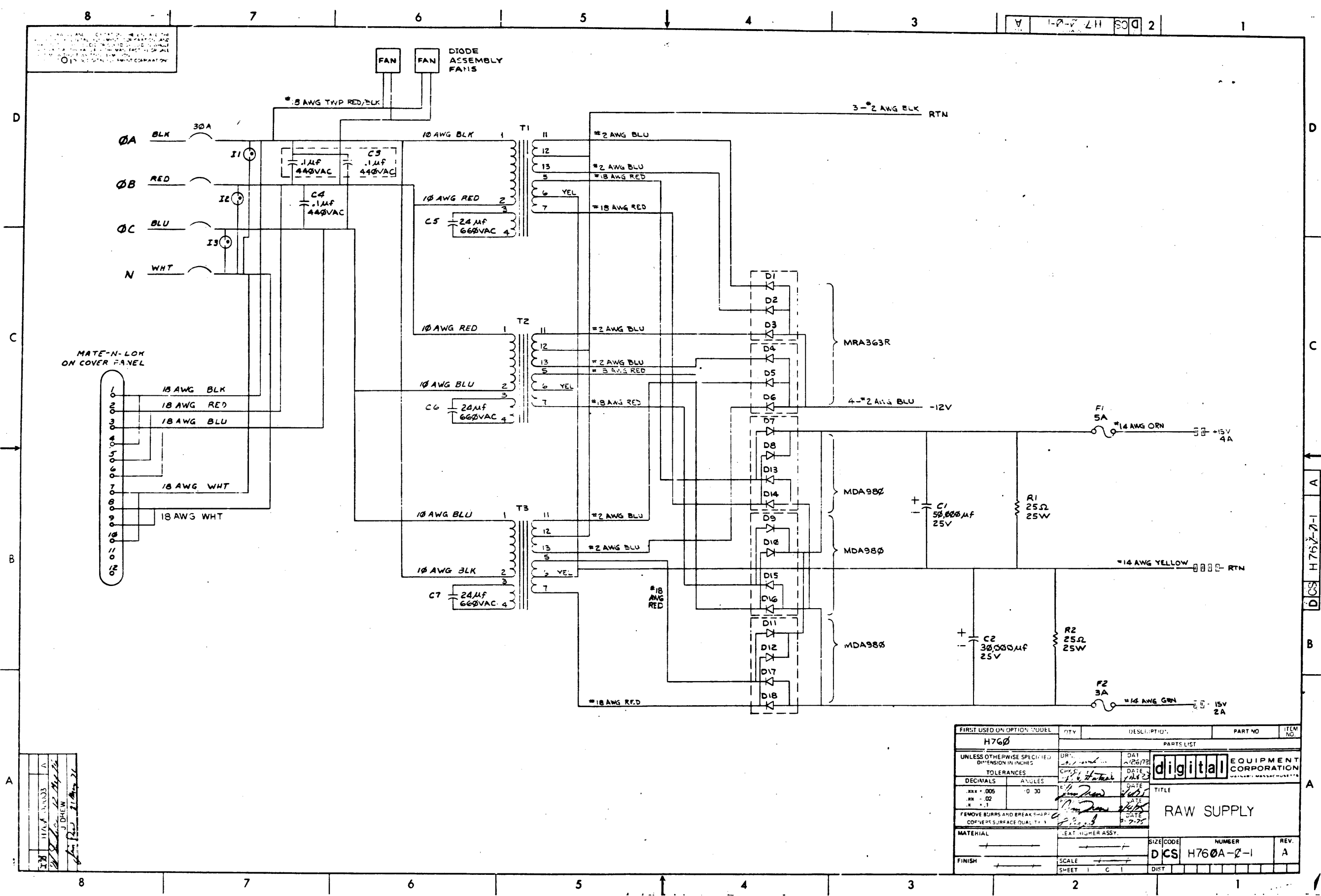
DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS
PARTS LIST

MADE BY	V. SOUZA	CHECKED	D. HEALY	SECTION
DATE	16/JAN/74	DATE	28/JAN/74	I
ENG		PROD		ISSUED SECT.
DATE		DATE		

[illegible]

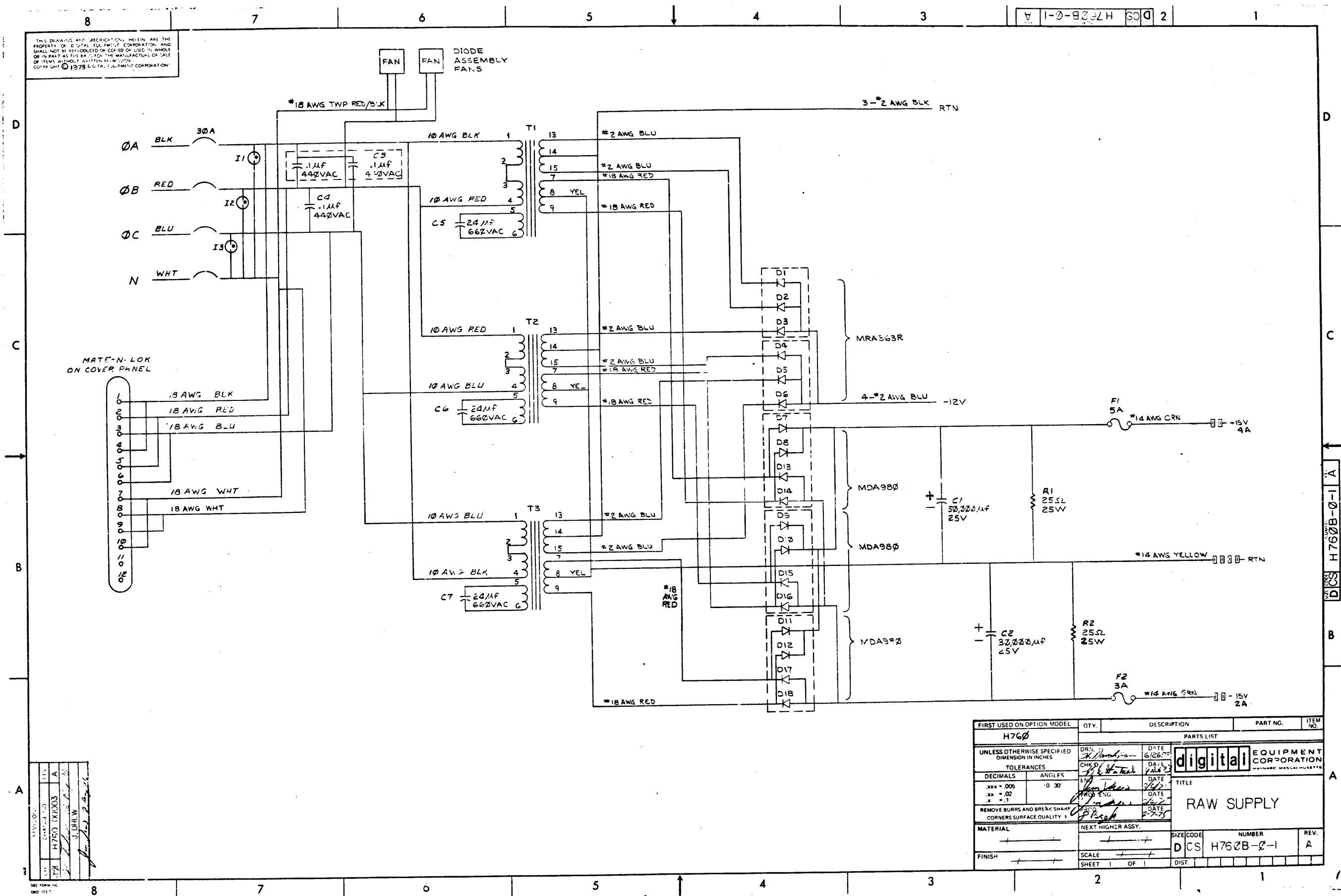
TITLE		ASSY NO.		SIZE CODE		NUMBER		REV.		ECO NO.	
RAW POWER SUPPLY		E-UA-H760-0-0		A PL		H760-0-0		F			
SHEET 4 OF 4		DIST.									

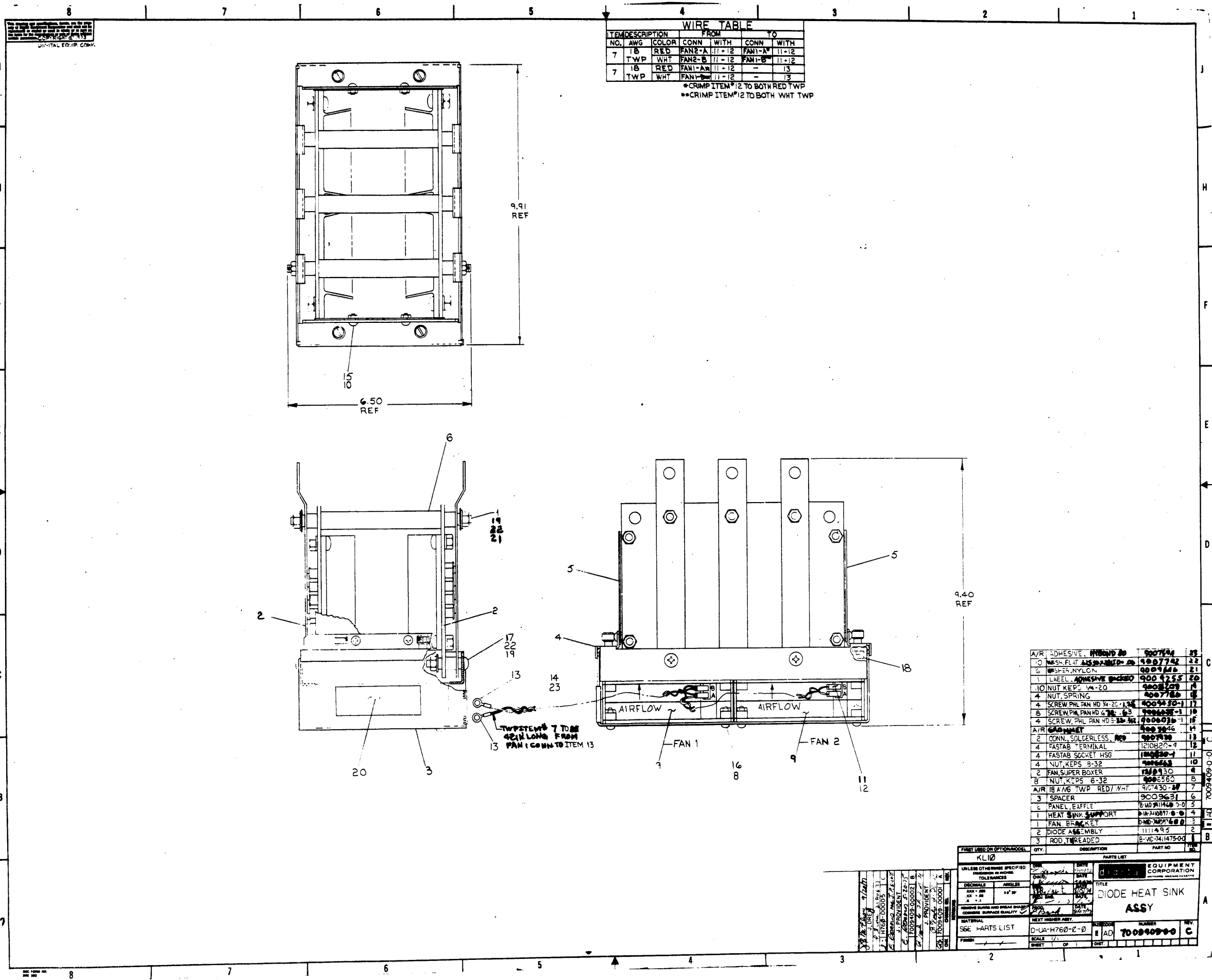
DEC FORM DEC 16--(325)--1031--N870
DRA 110



11/11/73
J. DREW
2/1/74

FIRST USED ON OPTION MODEL		QTY	DESCRIPTION	PART NO	ITEM NO.
H760					
UNLESS OTHERWISE SPECIFIED, DIMENSION IN INCHES		PARTS LIST			
TOLERANCES		digital EQUIPMENT CORPORATION			
DECIMALS		TITLE			
ANGLES		RAW SUPPLY			
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY 1		DATE			
MATERIAL		DATE			
FINISH		DATE			
SCALE		DATE			
SHEET		DATE			
DIST		DATE			
SIZE CODE		DATE			
NUMBER		DATE			
REV.		DATE			





WIRE TABLE							
ITEM		DESCRIPTION		FROM		TO	
NO.	AWG	COLOR	CONN	WITH	CONN	WITH	
18	RED		FAN2-A	11-12	FAN1-A	11-12	
7	TWP	WHT	FAN2-B	11-12	FAN1-B	11-12	
18	RED		FAN1-A	11-12	-	13	
7	TWP	WHT	FAN1-B	11-12	-	13	

*CRIMP ITEM#12 TO BOTH RED TWP
**CRIMP ITEM#12 TO BOTH WHT TWP

PART LIST			
QTY.	DESCRIPTION	PART NO.	REV.
1	A/R ADHESIVE	9007744	21
10	WASH FLAT	9007742	22
6	WASHER NYLON	9007746	21
1	LABEL ADHESIVE	9007755	20
10	NUT KEPS 1/4-20	9007759	1
4	NUT SPRING	9007760	1
4	SCREW PHL PAN HD 1/4-20-1.34	9007760-1	17
8	SCREW PHL PAN HD 1/4-20-1.34	9007760-1	18
4	SCREW PHL PAN HD 1/4-20-1.34	9007760-1	19
A/R	GAUDET	9007764	14
2	CONN SOLDERLESS	9007766	13
4	FASTAB TERMINAL	1210820-1	12
4	FASTAB SOCKET H95	1210820-1	11
4	NUT KEPS 9-32	9007760	10
2	FAN SUPER BOXER	9007760	8
8	NUT KEPS 6-32	9007760	7
A/R	18 AWG TWP RED/WH	9007760	6
3	SPACER	9007760	5
1	PANEL RAFFLE	9007760	4
1	HEAT SINK SUPPORT	9007760	3
1	FAN BRACKET	9007760	2
2	DIODE ASSEMBLY	9007760	1
3	ROD THREADED	9007760	1

MATERIAL			
QTY.	DESCRIPTION	PART NO.	REV.
1	DIODE ASSEMBLY	9007760	1
1	DIODE ASSEMBLY	9007760	1
1	DIODE ASSEMBLY	9007760	1
1	DIODE ASSEMBLY	9007760	1
1	DIODE ASSEMBLY	9007760	1
1	DIODE ASSEMBLY	9007760	1
1	DIODE ASSEMBLY	9007760	1
1	DIODE ASSEMBLY	9007760	1
1	DIODE ASSEMBLY	9007760	1
1	DIODE ASSEMBLY	9007760	1

FINISH			
QTY.	DESCRIPTION	PART NO.	REV.
1	FINISH	9007760	1
1	FINISH	9007760	1
1	FINISH	9007760	1
1	FINISH	9007760	1
1	FINISH	9007760	1
1	FINISH	9007760	1
1	FINISH	9007760	1
1	FINISH	9007760	1
1	FINISH	9007760	1
1	FINISH	9007760	1

EQUIPMENT CORPORATION			
QTY.	DESCRIPTION	PART NO.	REV.
1	EQUIPMENT CORPORATION	9007760	1
1	EQUIPMENT CORPORATION	9007760	1
1	EQUIPMENT CORPORATION	9007760	1
1	EQUIPMENT CORPORATION	9007760	1
1	EQUIPMENT CORPORATION	9007760	1
1	EQUIPMENT CORPORATION	9007760	1
1	EQUIPMENT CORPORATION	9007760	1
1	EQUIPMENT CORPORATION	9007760	1
1	EQUIPMENT CORPORATION	9007760	1
1	EQUIPMENT CORPORATION	9007760	1

TITLE			
QTY.	DESCRIPTION	PART NO.	REV.
1	TITLE	9007760	1
1	TITLE	9007760	1
1	TITLE	9007760	1
1	TITLE	9007760	1
1	TITLE	9007760	1
1	TITLE	9007760	1
1	TITLE	9007760	1
1	TITLE	9007760	1
1	TITLE	9007760	1
1	TITLE	9007760	1

SCALE			
QTY.	DESCRIPTION	PART NO.	REV.
1	SCALE	9007760	1
1	SCALE	9007760	1
1	SCALE	9007760	1
1	SCALE	9007760	1
1	SCALE	9007760	1
1	SCALE	9007760	1
1	SCALE	9007760	1
1	SCALE	9007760	1
1	SCALE	9007760	1
1	SCALE	9007760	1

DRAWN			
QTY.	DESCRIPTION	PART NO.	REV.
1	DRAWN	9007760	1
1	DRAWN	9007760	1
1	DRAWN	9007760	1
1	DRAWN	9007760	1
1	DRAWN	9007760	1
1	DRAWN	9007760	1
1	DRAWN	9007760	1
1	DRAWN	9007760	1
1	DRAWN	9007760	1
1	DRAWN	9007760	1

CHECKED			
QTY.	DESCRIPTION	PART NO.	REV.
1	CHECKED	9007760	1
1	CHECKED	9007760	1
1	CHECKED	9007760	1
1	CHECKED	9007760	1
1	CHECKED	9007760	1
1	CHECKED	9007760	1
1	CHECKED	9007760	1
1	CHECKED	9007760	1
1	CHECKED	9007760	1
1	CHECKED	9007760	1

APPROVED			
QTY.	DESCRIPTION	PART NO.	REV.
1	APPROVED	9007760	1
1	APPROVED	9007760	1
1	APPROVED	9007760	1
1	APPROVED	9007760	1
1	APPROVED	9007760	1
1	APPROVED	9007760	1
1	APPROVED	9007760	1
1	APPROVED	9007760	1
1	APPROVED	9007760	1
1	APPROVED	9007760	1

DATE			
QTY.	DESCRIPTION	PART NO.	REV.
1	DATE	9007760	1
1	DATE	9007760	1
1	DATE	9007760	1
1	DATE	9007760	1
1	DATE	9007760	1
1	DATE	9007760	1
1	DATE	9007760	1
1	DATE	9007760	1
1	DATE	9007760	1
1	DATE	9007760	1

TIME			
QTY.	DESCRIPTION	PART NO.	REV.
1	TIME	9007760	1
1	TIME	9007760	1
1	TIME	9007760	1
1	TIME	9007760	1
1	TIME	9007760	1
1	TIME	9007760	1
1	TIME	9007760	1
1	TIME	9007760	1
1	TIME	9007760	1
1	TIME	9007760	1

REVISIONS			
QTY.	DESCRIPTION	PART NO.	REV.
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1

REVISIONS			
QTY.	DESCRIPTION	PART NO.	REV.
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1

REVISIONS			
QTY.	DESCRIPTION	PART NO.	REV.
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1

REVISIONS			
QTY.	DESCRIPTION	PART NO.	REV.
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1

REVISIONS			
QTY.	DESCRIPTION	PART NO.	REV.
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1

REVISIONS			
QTY.	DESCRIPTION	PART NO.	REV.
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1

REVISIONS			
QTY.	DESCRIPTION	PART NO.	REV.
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1

REVISIONS			
QTY.	DESCRIPTION	PART NO.	REV.
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1

REVISIONS			
QTY.	DESCRIPTION	PART NO.	REV.
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1

REVISIONS			
QTY.	DESCRIPTION	PART NO.	REV.
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1

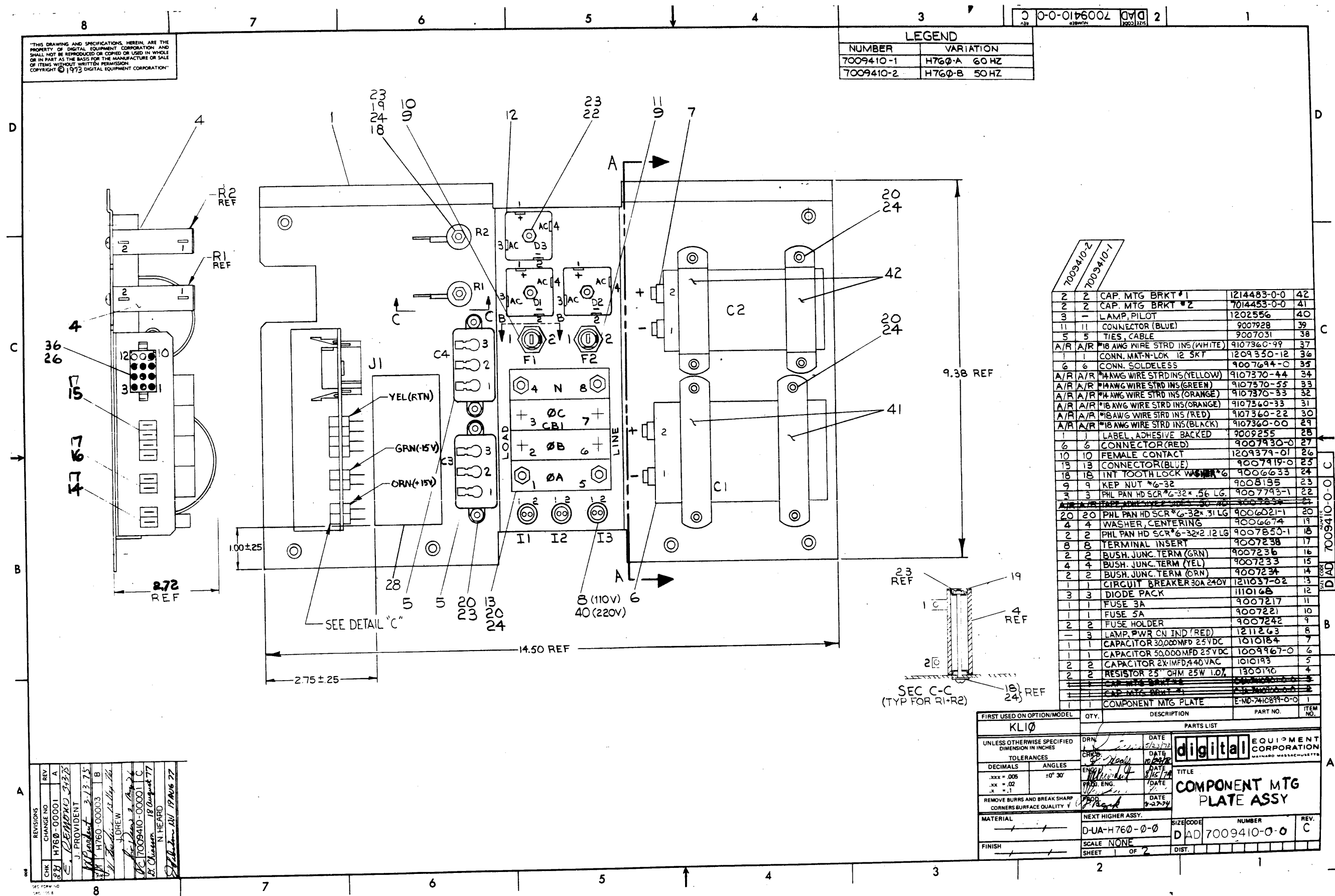
REVISIONS			
QTY.	DESCRIPTION	PART NO.	REV.
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1

REVISIONS			
QTY.	DESCRIPTION	PART NO.	REV.
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1

REVISIONS			
QTY.	DESCRIPTION	PART NO.	REV.
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1

REVISIONS			
QTY.	DESCRIPTION	PART NO.	REV.
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1

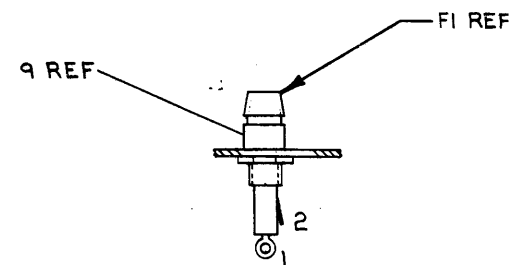
REVISIONS			
QTY.	DESCRIPTION	PART NO.	REV.
1	REVISIONS	9007760	1
1	REVISIONS	9007760	1



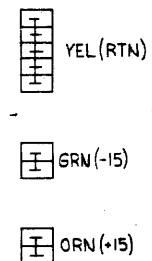
THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1973 DIGITAL EQUIPMENT CORPORATION

WIRE TABLE								
ITEM NO.	DESCRIPTION	FROM			TO			
	AWG	COLOR	POINT	CONNECTION	WITH	POINT	CONNECTION	WITH
8	*22	*BLK		I1-2				27
8	*22	*BLK		I2-2			CBI-4	27
8	*22	*BLK		I3-2				27
8	*22	*BLK		I1-1			CBI-1	39
29	18	BLK		J1-1	26		J1-4	26
29	18	BLK		I2-1			CBI-2	39
30	18	RED		J1-2	26		J1-3	26
30	18	RED		I3-1			CBI-3	39
31	18	ORN		J1-3	26		J1-6	26
29	18	BLK		C3-1	SOLD		CBI-1	27
29	18	BLK		C3-2	SOLD		CBI-2	39
29	18	BLK		C4-1	SOLD			
29	18	BLK		C3-3	SOLD		CBI-3	39
29	18	BLK		C4-2	SOLD			
32	14	ORN		D1-1	25+35		D2-1	25+35
32	14	ORN		D2-1	25		D3-1	25+35
32	14	ORN		D3-1	25		C1-2(POS)	39
32	14	ORN		R1-1	SOLD		D1-1	25
32	14	ORN		F1-1	SOLD		F1-2	SOLD
32	14	ORN		F1-1	SOLD		**+15(ORG)	17+SOLD
33	14	GRN		D1-2	25+35		D2-2	25+35
33	14	GRN		D2-2	25		D3-2	25+35
33	14	GRN		D3-2	25		C2-1(NEG)	39
33	14	GRN		R2-1	SOLD		D1-2	25
33	14	GRN		F2-1	SOLD		F2-2	SOLD
33	14	GRN		F2-1	SOLD		** -15(GRN)	17+SOLD
34	14	YEL		C1-1(NEG)	39		C2-2(POS)	39
34	14	YEL		C2-2(POS)	39		R1-2	SOLD
34	14	YEL		R1-2	SOLD		R2-2	SOLD
34	14	YEL		R2-2	SOLD		**RTN(YEL)	17+SOLD
37	18	WHT		J1-10	26		CBI-4	27
37	18	WHT					J1-7	26
34	14	YEL		C1-1(NEG)	39			25
37	18	WHT		CBI-4	27		J1-8	26
37	18	WHT		J1-9	26			

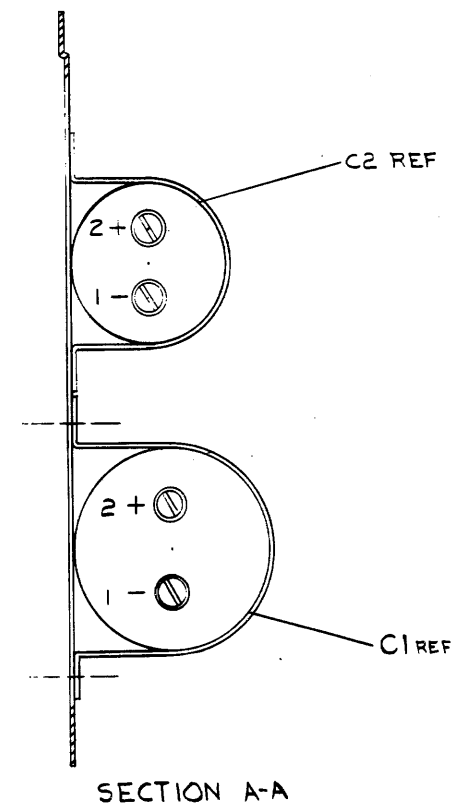
* #22 AWG BLK WIRE PART OF INDICATOR LAMP ITEM #8
** SEE DETAIL "C"

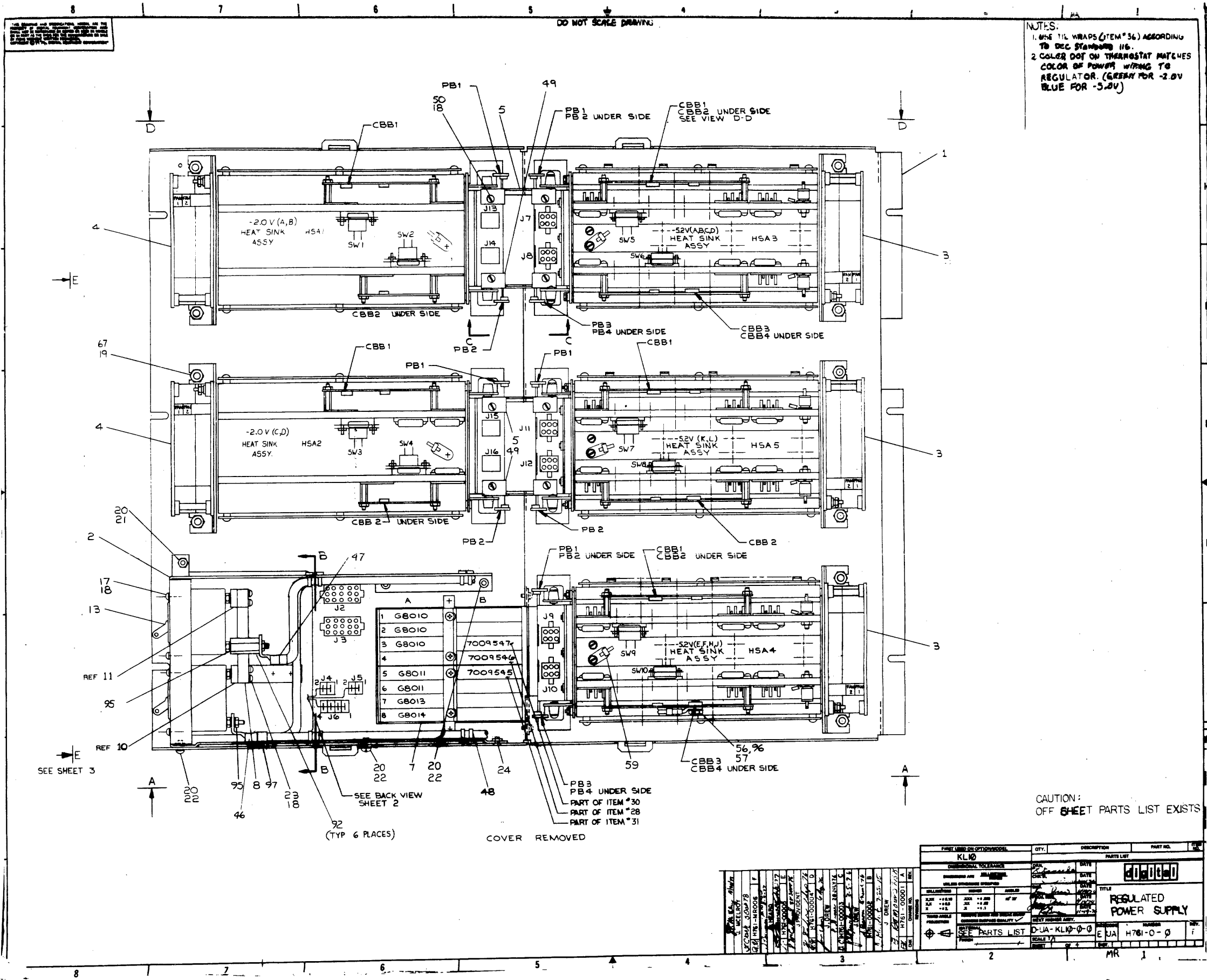


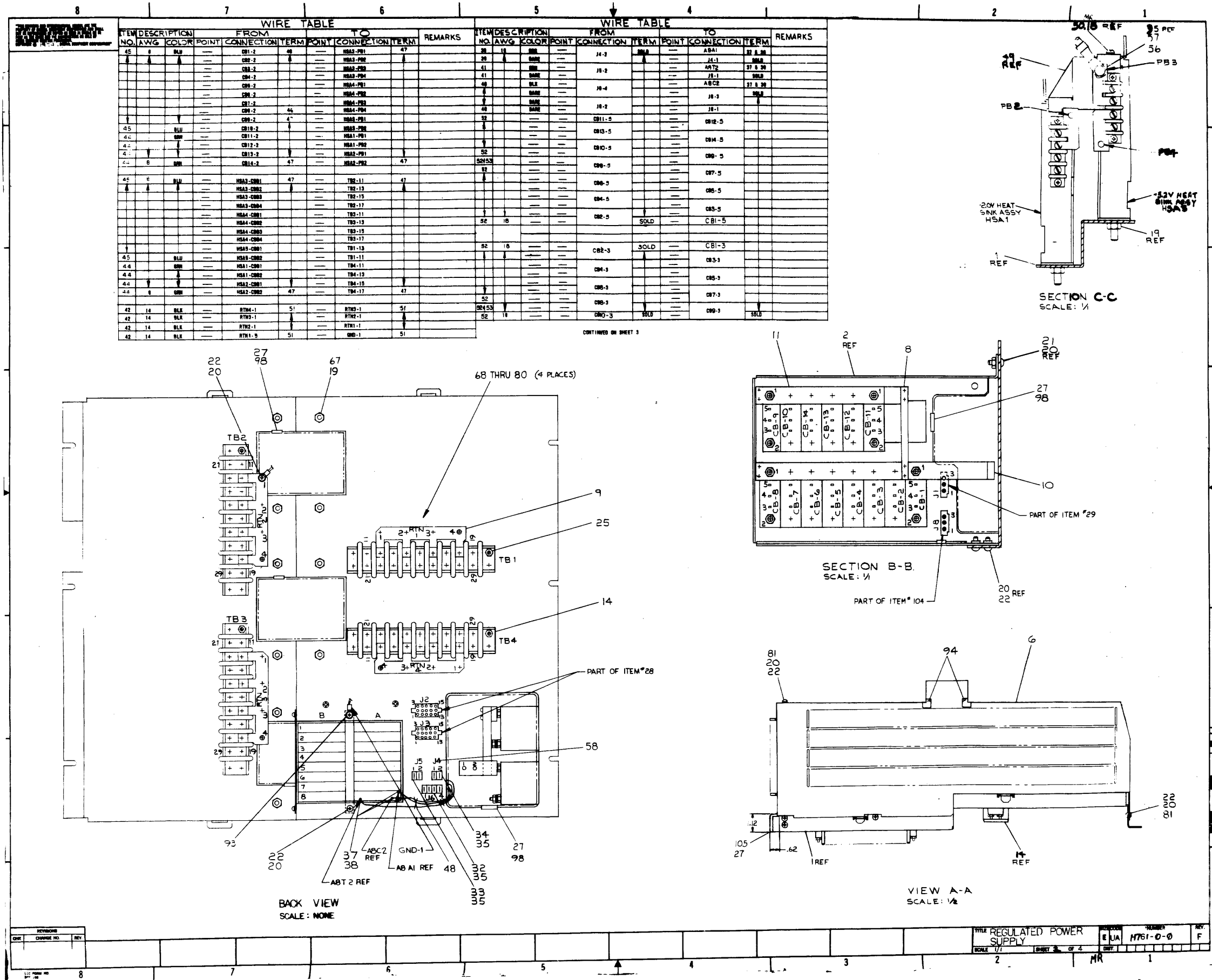
SECTION B-B
(TYP FOR FI&F2)



DETAIL "C"
(BLK YEL GRN & ORN WIRES AS SHOWN)
TURNED TO SHOW TERMINALS







8		7		6		5		4		3		2		1	
ITEM		DESCRIPTION		FROM		TO		REMARKS							
NO.	AWG	COLOR	POINT	CONNECTION	WITH	POINT	CONNECTION	WITH							
104	18	TWP	RED	1	SOLD	---	---	---							
			RED	2	SOLD	---	---	---							
			BLK	3	J1-3	---	---	---							
			WHT	4	J1-2	---	---	---							
			YEL	5	J1-1	---	---	---							
			YEL	6	---	---	---	---							
			YEL	7	---	---	---	---							
			YEL	8	---	---	---	---							
			BLK	9	---	---	---	---							
			BLK	10	---	---	---	---							
			YEL	11	---	---	---	---							
			YEL	12	---	---	---	---							
			BLK	13	---	---	---	---							
			BLK	14	---	---	---	---							
			BLK	15	---	---	---	---							
			YEL	16	---	---	---	---							
			YEL	17	---	---	---	---							
			YEL	18	---	---	---	---							
			BLK	19	---	---	---	---							
			BLK	20	---	---	---	---							
			YEL	21	---	---	---	---							
			YEL	22	---	---	---	---							
			BLK	23	---	---	---	---							
			BLK	24	---	---	---	---							
			YEL	25	---	---	---	---							
			YEL	26	---	---	---	---							
			BLK	27	---	---	---	---							
			BLK	28	---	---	---	---							
			YEL	29	---	---	---	---							
			YEL	30	---	---	---	---							
			BLK	31	---	---	---	---							
			BLK	32	---	---	---	---							
			YEL	33	---	---	---	---							
			YEL	34	---	---	---	---							
			BLK	35	---	---	---	---							
			BLK	36	---	---	---	---							
			YEL	37	---	---	---	---							
			YEL	38	---	---	---	---							
			BLK	39	---	---	---	---							
			BLK	40	---	---	---	---							
			YEL	41	---	---	---	---							
			YEL	42	---	---	---	---							
			BLK	43	---	---	---	---							
104	TWP	BLK	44	HARNESS	---	---	---	---							

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

PARTS LIST

MADE BY	K. GAMACHE	CHECKED	SECTION
DATE	10/8/74	DATE	11/19/74
ENG	Jim Draw	PROD	ISSUED SECT.
DATE	11/19/74	DATE	11-19-74

ITEM NO.	DWG NO. / PART NO.	DESCRIPTION
1	E-IA-7410991-0-0	CHASSIS, REG P.S.
2	E-IA-7410993-0-0	SUPPORT, CIRCUIT BREAKER
3	E-AD-7009405-0-0	REG. HEAT SINK ASSY (-5.2V)
4	E-AD-7009404-0-0	REG. HEAT SINK ASSY (-2.0V)
5	D-IA-7411571-1-0	SUPPORT REG. ASSY
6	E-IA-7010162-0-0	COVER ASSY
7	C-AD-7010100-0-0	WIRED ASSY REG. POWER SUPPLY
8	B-MD-7411529-0-0	CONN BUSS BAR
9	C-IA-7411554-1-0	STRIP, BUSSING RETURN
10	C-MD-7411531-0-0	BUSS BAR NO. 1 -12V
11	C-MD-7411532-0-0	BUSS BAR NO. 2 -12V
12	B-MD-7412425-0-0	CONN PINS PROTECTION PLATE
13	1211498	CIRCUIT BREAKER
14	1211499	TERMINAL BLOCK, 9 POSITION
15	9007046	GROMMET
16	9007014	GROMMET 1/8 I.D.
17	9006020-1	SCR. PHL PAN HD #6-32 X .25
18	9006633	WASH. INT TOOTH LOCK #6
19	9008203	NUT, KEPS 1/4-20
20	9006037-1	SCR, PHL PAN HD #8-32 X .38
21	9006563	NUT, KEPS #8-32
22	9006634	WASH. INT TOOTH, LOCK #8

TITLE	REGULATED POWER SUPPLY	ASSY NO. E-UA-H761-0-0	SIZE CODE A PL	NUMBER H761-0-0	REV. F	ECO NO. H761-0-0
		SHEET 1	OF 5	DIST.		

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

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

PARTS LIST

MADE BY	K. GAMACHE	CHECKED	SECTION
DATE	10/8/74	DATE	
ENG	Jim Draw	PROD	ISSUED SECT.
DATE	11/19/74	DATE	11-19-74

ITEM NO.	DWG NO. / PART NO.	DESCRIPTION
23	9006025-1	SCR PHL PAN HD #6-32 X .62
24	9006036-2	SCR, PHL FLAT HD #8-32 X .31
25	9006560	NUT, KEPS #6-32
26	9009255	LABEL, ADHESIVE BACK
27	9007594	ADHESIVE, HYBOND 80
28	D-IA-7009546-0-0	HARNESS, SENSE
29	E-IA-7010307-0-0	HARNESS A.C. FAN H761
30	E-IA-7009547-0-0	HARNESS, OPEN SENSE
31	E-IA-7009545-0-0	HARNESS DRIVE, SCR & SCR RTN
32	9007237	BUSH. JUNC. TERM (BLK)
33	9007236	BUSH. JUNC. TERM (GRN)
34	9007234	BUSH. JUNC. TERM (ORG)
35	9007238	TERMINAL, INSERT
36	9007880	CABLE TIE
37	9009139	TERMINAL PIN
38	9007302-10	TUBING, TEFLON CLEAR (#10 AWG)
39	9107360-33	WIRE #18 AWG STRD (ORN)
40	9107360-00	WIRE #18 AWG STRD (BLK)
41	9107360-55	WIRE #18 AWG STRD (GRN)
42	9107370-00	WIRE #14 AWG STRD (BLK)
43	9107430-29	WIRE #18 AWG TWP RED & WHT
44	9107765-55	WIRE #8 AWG STRD (GRN)

TITLE	REGULATED POWER SUPPLY	ASSY NO. E-UA-H761-0-0	SIZE CODE A PL	NUMBER H761-0-0	REV. F	ECO NO. H761-0-0
		SHEET 2	OF 5	DIST.		

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

DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS										QUANTITY / VARIATION													
MADE BY K. GAMACHE		CHECKED		SECTION		DATE 10/8/74		DATE 11-19-74		ISSUED SECT.													
DATE 10/8/74		DATE 11-19-74		DATE 11-19-74		DATE 11-19-74		DATE 11-19-74		DATE 11-19-74		DATE 11-19-74		DATE 11-19-74		DATE 11-19-74		DATE 11-19-74					
DATE 10/8/74		DATE 11-19-74		DATE 11-19-74		DATE 11-19-74		DATE 11-19-74		DATE 11-19-74		DATE 11-19-74		DATE 11-19-74		DATE 11-19-74		DATE 11-19-74					
DWG NO. / PART NO.		DESCRIPTION																					
45	9107765-66	WIRE, #8 AWG STRD (BLU)																					
46	1212086-01	LUG, SOLDERLESS, RT ANGLE #8 AWG																					
47	1211515	LUG, SOLDERLESS, #8 AWG																					
48	9007031	CABLE TIE																					
49	D-1A-7411571-2-0	SUPPORT, REG. ASSY																					
50	9006021-4	SCR, SLOTTED BIND HD #6-32 X .31																					
51	9007928	LUG, SOLDERLESS																					
52	9107560-03	WIRE BUSS #18																					
53	9107278-00	SLEEVING BLK #18																					
54	1209997-9-00	TERMINAL, SMT CONTACT																					
55	1209997-10-03	CONN, 3 SMT HOUSING																					
56	9006240-9	SCR, HEX HD PLAIN 1/4-20 X .38																					
57	9006724	WASHER, EXT TOOTH LKG 1/4																					
58	A-DC-7409873-0-0	DECALS, POWER CONN.																					
59	9007033	TIE, CABLE																					
60	5308944-3	1-2 POINT DECALS (LETTERS)																					
61	5308943-1	1-2 POINT DECALS (NUMBERS)																					
62	9006035-1	SCR, PHL PAN HD #8-32 X .25																					
63	G8010-3	-5.2V CONTROL																					
64	G8011-1	-2.0V CONTROL																					
65	D-CS-68015-0-1	+10V REFERENCE																					
66	D-CS-G8014-0-1	D.C. LOW VOLTAGE DETECTOR																					
TITLE		ASSY NO.		E-UA-H761-0-0		SHEET 3		OF 5		DIST.		SIZE CODE		A PL		NUMBER		H761-0-0		REV. ECO NO.		F	
REGULATED POWER SUPPLY																							

DEC FORM DEC 16 (325)-1031-N870

DRA 110

MR

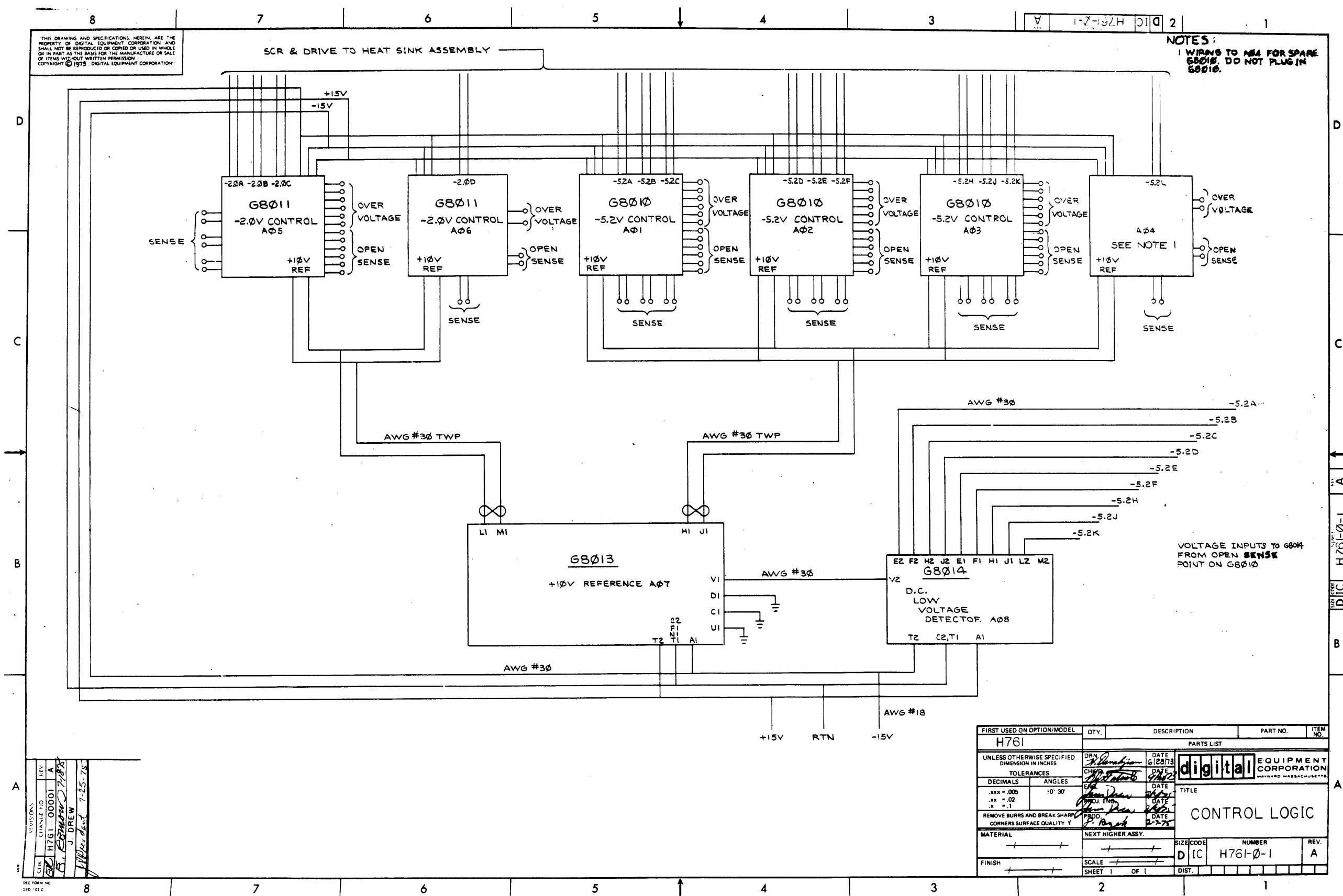
DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS						SECTION		QUANTITY / VARIATION							
MADE BY K. GAMACHE		CHECKED				ISSUED SECT.									
DATE 10/8/74		DATE	PROD												
DATE 11/19/74		DATE	11-19-74												
ITEM NO.	DWG NO. / PART NO.	DESCRIPTION				SIZE CODE	NUMBER	REV	ECONO.						
67	9006676	WASHER, FLAT				A PL	H761-0-0	F							
68	5308754-3	21 POINT DECALS (NUMBERS)													
69	5308754-5	21 POINT DECALS (NUMBERS)													
70	5308754-7	21 POINT DECALS (NUMBERS)													
71	5308754-9	21 POINT DECALS (NUMBERS)													
72	5308754-11	21 POINT DECALS (NUMBERS)													
73	5308754-13	21 POINT DECALS (NUMBERS)													
74	5308754-15	21 POINT DECALS (NUMBERS)													
75	5308754-19	21 POINT DECALS (WHT/CLR)													
76	5308753-31	21 POINT DECALS (LETTERS)													
77	5308753-3	21 POINT DECALS (LETTERS)													
78	5308753-1	21 POINT DECALS (LETTERS)													
79	5308753-23	21 POINT DECALS (LETTERS)													
80	5308753-27	21 POINT DECALS (LETTERS)													
81	9006660	WASHER, FLAT #8													
82	5308944-5	12 POINT DECALS (LETTERS)													
83	5308943-3	12 POINT DECALS (NUMBERS)													
84	5308943-5	12 POINT DECALS (NUMBERS)													
85	5308943-7	12 POINT DECALS (NUMBERS)													
86	5308943-9	12 POINT DECALS (NUMBERS)													
87	5308943-11	12 POINT DECALS (NUMBERS)													
88	5308943-13	12 POINT DECALS (NUMBERS)													
TITLE						ASSY NO. E-UA-H761-0-0	SHEET 4 OF 5	DIST.							
REGULATED POWER SUPPLY															

MR

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

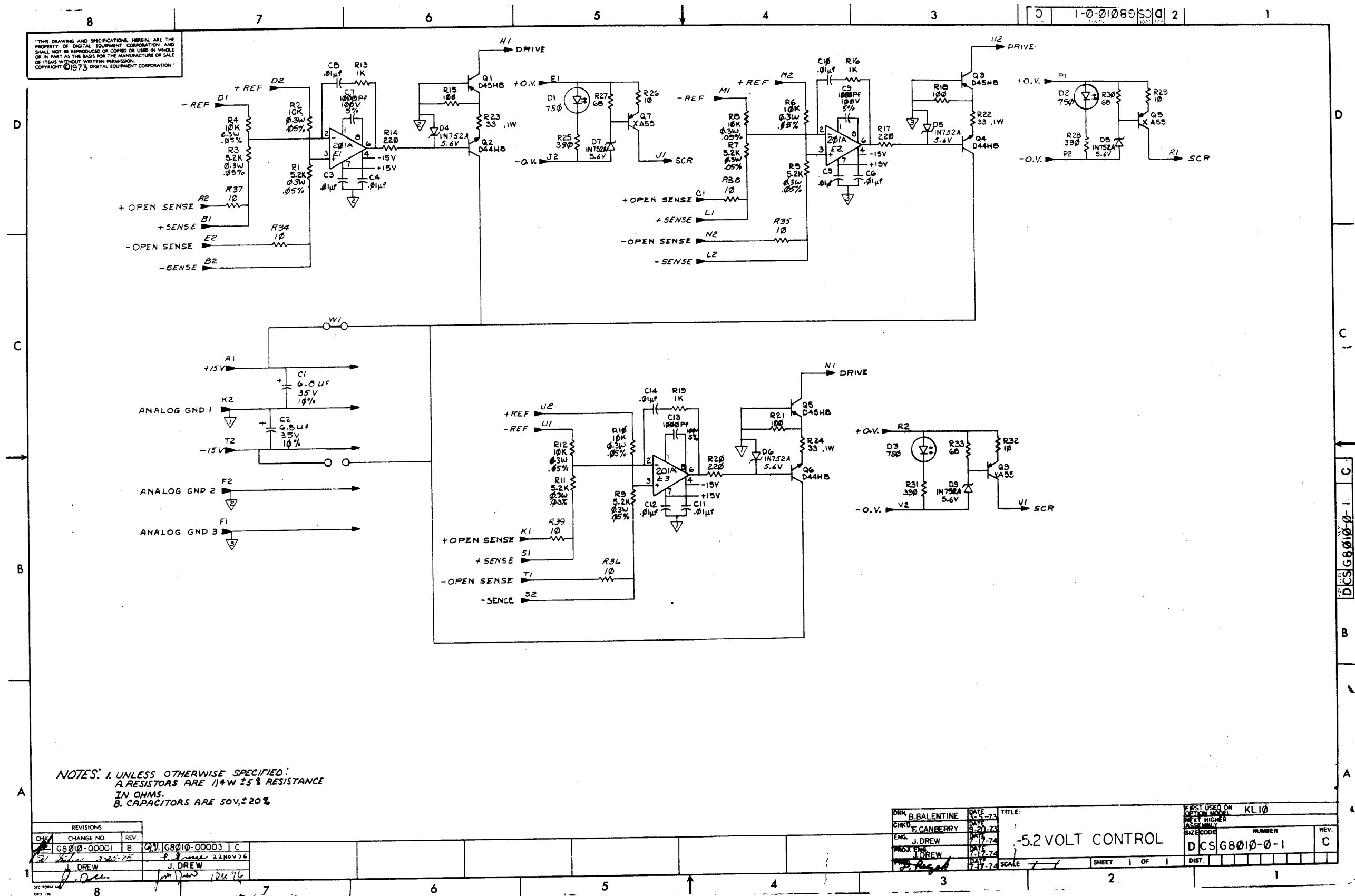
DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS				QUANTITY / VARIATION													
PARTS LIST																	
MADE BY K. GAMACHE		CHECKED		SECTION													
DATE		DATE		ISSUED SECT.													
ENG <i>Jim New</i>		PROD															
DATE <i>11/18/74</i>		DATE <i>Refer 11-19-74</i>															
ITEM NO.	DWG NO. / PART NO.	DESCRIPTION															
~~89~~	~~9908943-15~~	~~12 POINT DECALS (NUMBERS)~~		~~1~~													
~~90~~	~~9908943-17~~	~~12 POINT DECALS (NUMBERS)~~		~~1~~													
~~91~~	~~9908943-19~~	~~12 POINT DECALS (NUMBERS)~~		~~1~~													
92	9008841-01	STANDOFF		6													
93	9008151	WASHER, EXT. TOOTH LKG #8		1													
94	9008881	TAPE, FOAM		A/R													
95	9006635	WASHER, INT. TOOTH LKG #10		48													
96	9006637	WASHER, INT. TOOTH LKG #12		28													
97	9009507	VINYL ELECT. TAPE		A/R													
98	9007036	GROMMET		A/R													
~~99~~	~~9107250~~	~~TUBING SHRINKABLE~~		~~A/R~~													
100	A-WL-H761-O-10	H761 SPECIAL GND WIRES		REF													
101	A-PS-3613819-Ø-Ø	CIRCUIT BREAKER DESIGNATIONS CB1-CB8		1													
102	A-PS-3613819-Ø-1	CIRCUIT BREAKER DESIGNATIONS CB9-CB14		1													
103	A-PS-3613819-Ø-2	PLUG DESIGNATIONS J1-J8		1													
104	7015218	HARNESS, THERMOSTAT, H761		1													
105	9007036	GROMMET		A/R													
TITLE		ASSY NO.		SIZE CODE		NUMBER		REV		ECO NO.							
REGULATED POWER SUPPLY		E-UA-H761-Ø-Ø		A PL		H761-Ø-Ø		F									
		SHEET 5 OF 5		DIST													

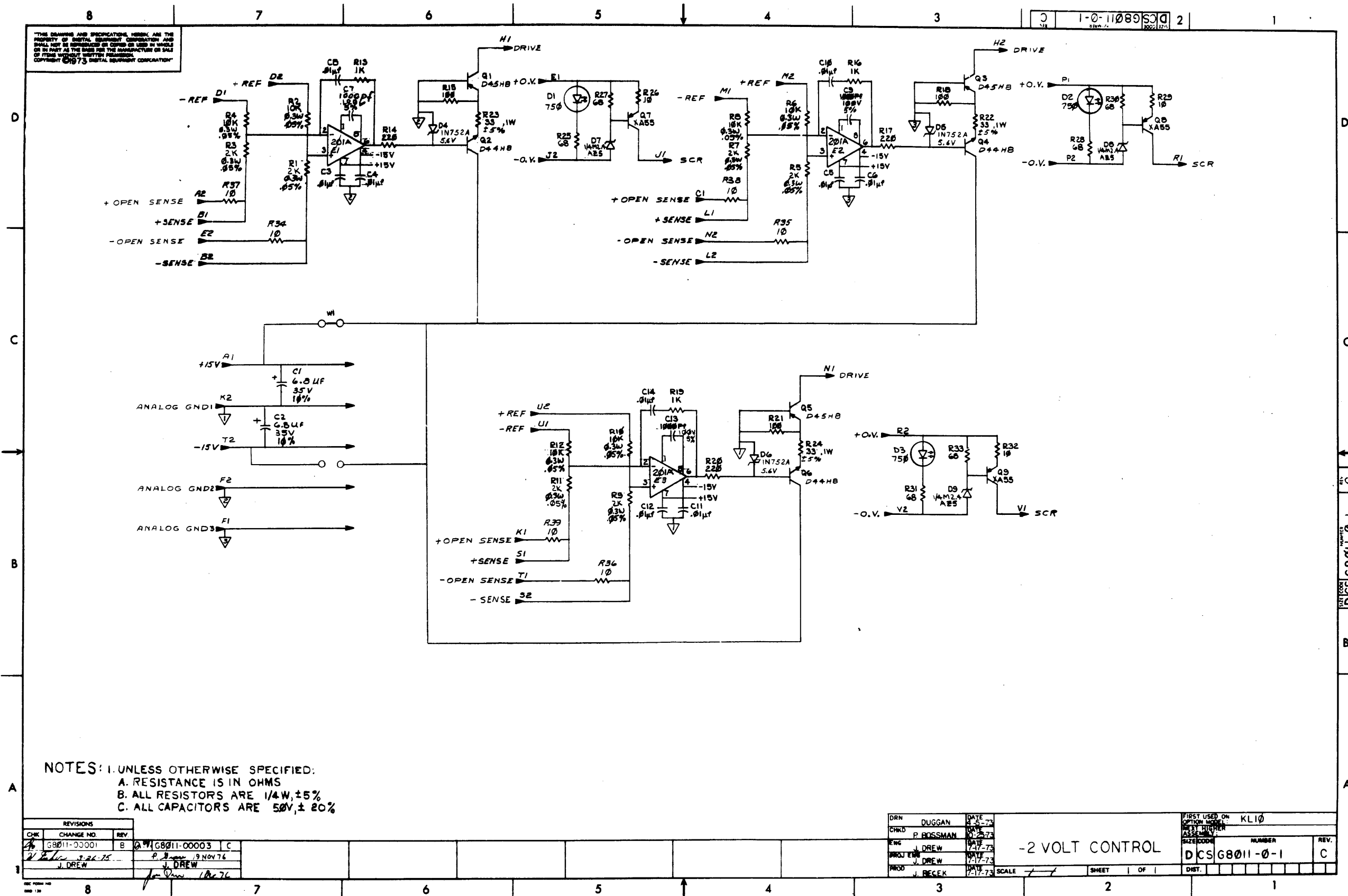
MR



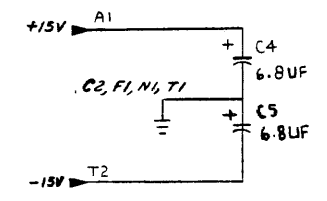
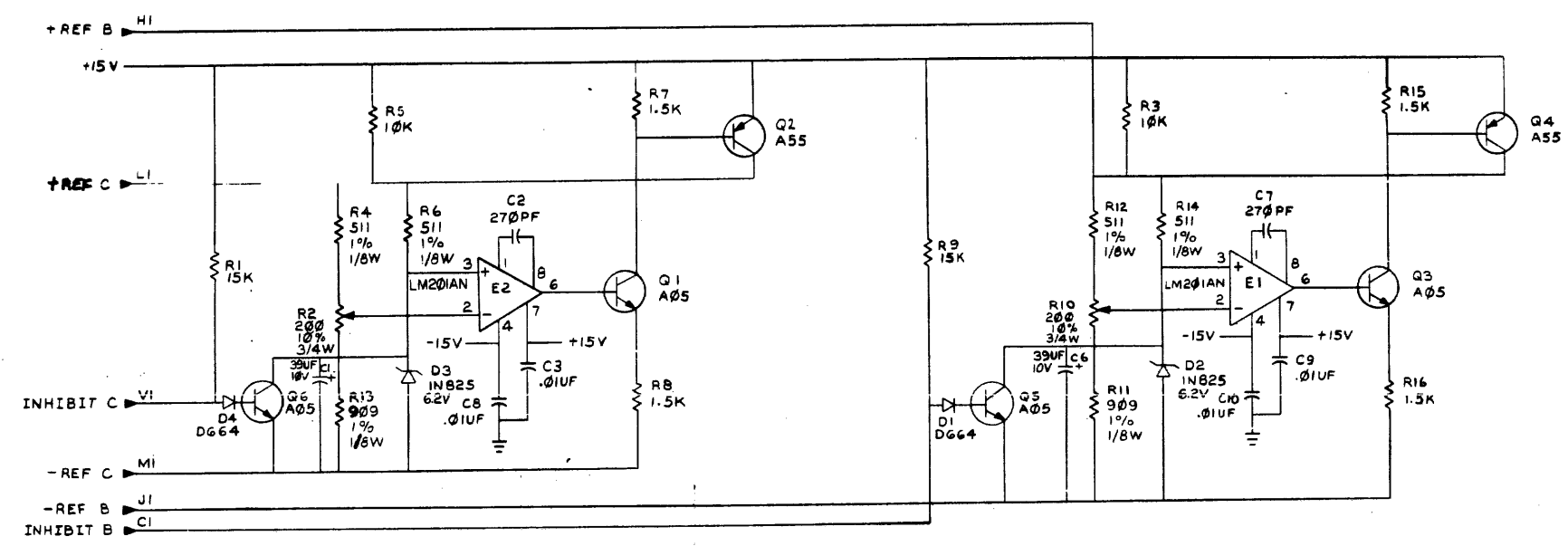
REVISIONS
CHANGE TO
REV
H761-00001 A
J. DREW
7-25-75

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
H761				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES				
TOLERANCES				
DECIMALS	ANGLES			
.xxx = .005	° 0' 30"			
.xx = .02				
.x = .1				
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY V				
MATERIAL				
FINISH				
NEXT HIGHER ASSY.				
SCALE				
SHEET 1	OF 1			
PARTS LIST				
digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS				
TITLE				
CONTROL LOGIC				
SIZE CODE	NUMBER	REV.		
DIC	H761-0-1	A		
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 © 1972, DIGITAL EQUIPMENT CORPORATION



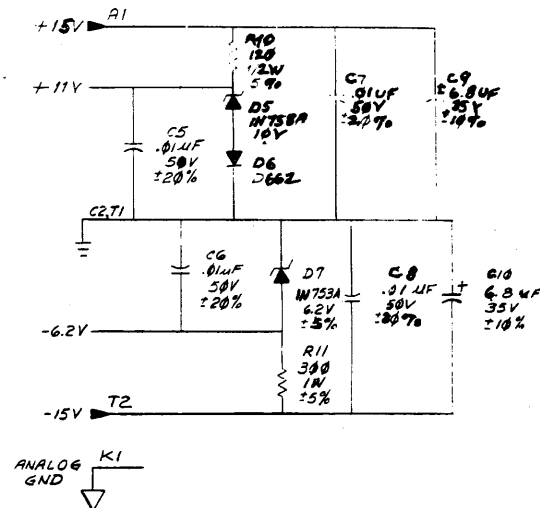
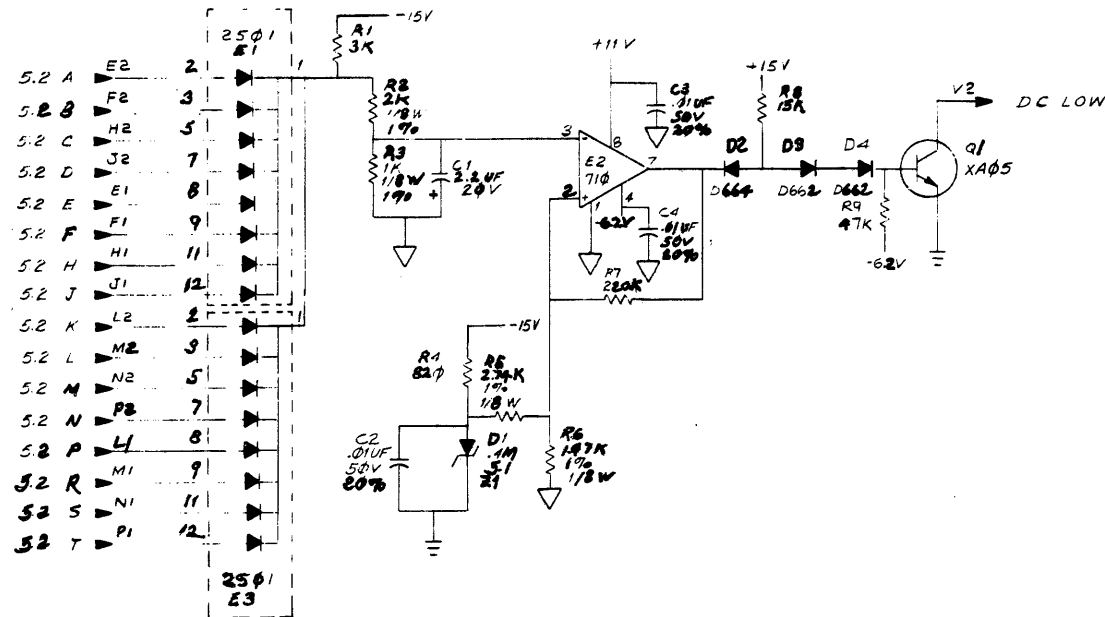
REVISIONS		
CHK	CHANGE NO.	REV.
1	68013-00001	B
J. DREW		

DATE	CHK'D	DATE	ENG	DATE	PROD	DATE	PROD
4-10-75	8/10/75	9-25-75	10/1/75	10/1/75	10/1/75	10/1/75	10/1/75
H. DENSMORE				J. DREW			
TITLE				SIZE CODE			
REFERENCE				NUMBER			
SCALE				DIST.			
SHEET 1 OF 1				D. CS			

NEXT HIGHER ASSY
B-DD-G8013-0

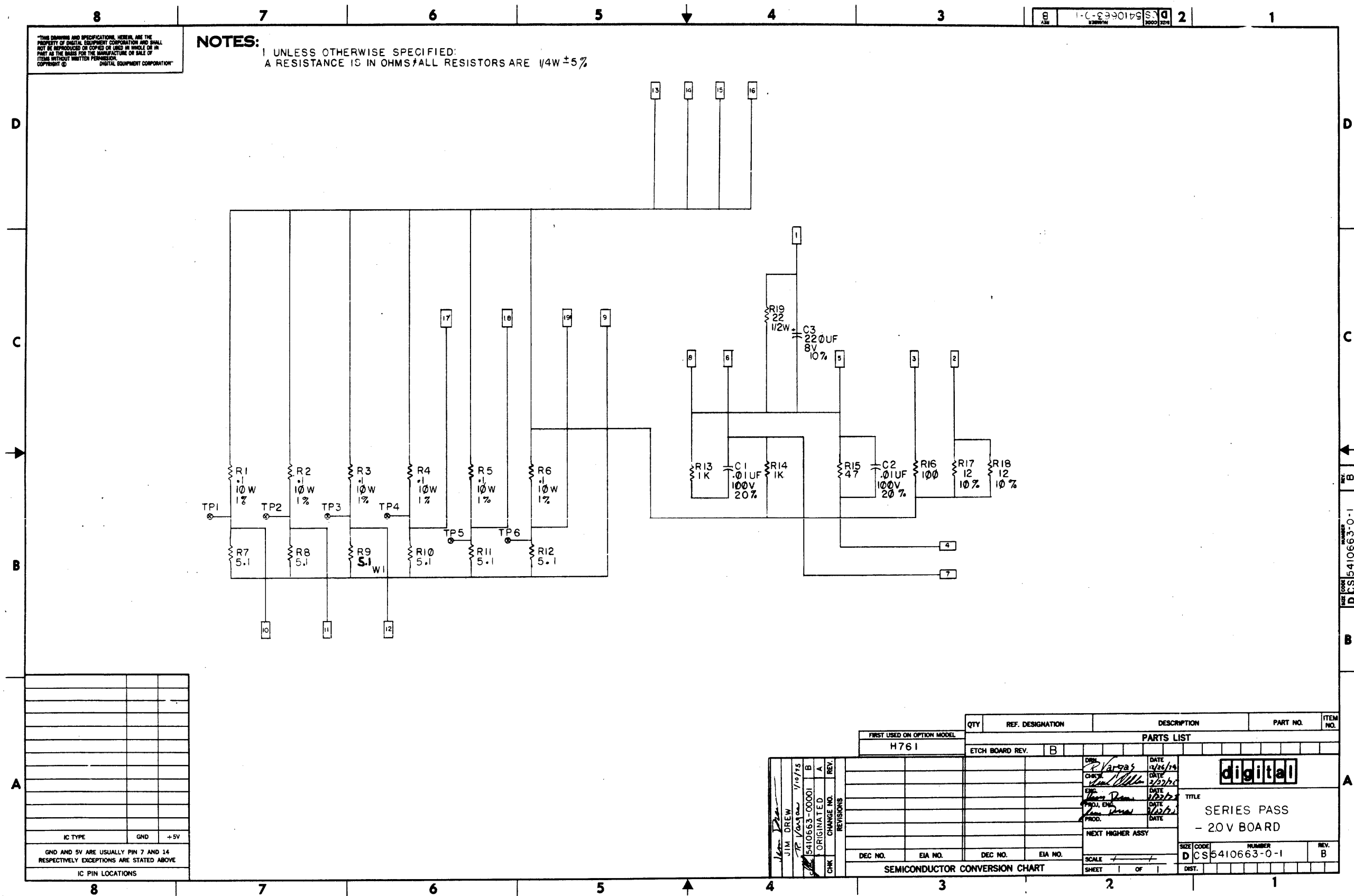
D. CS G8013-0-1 B

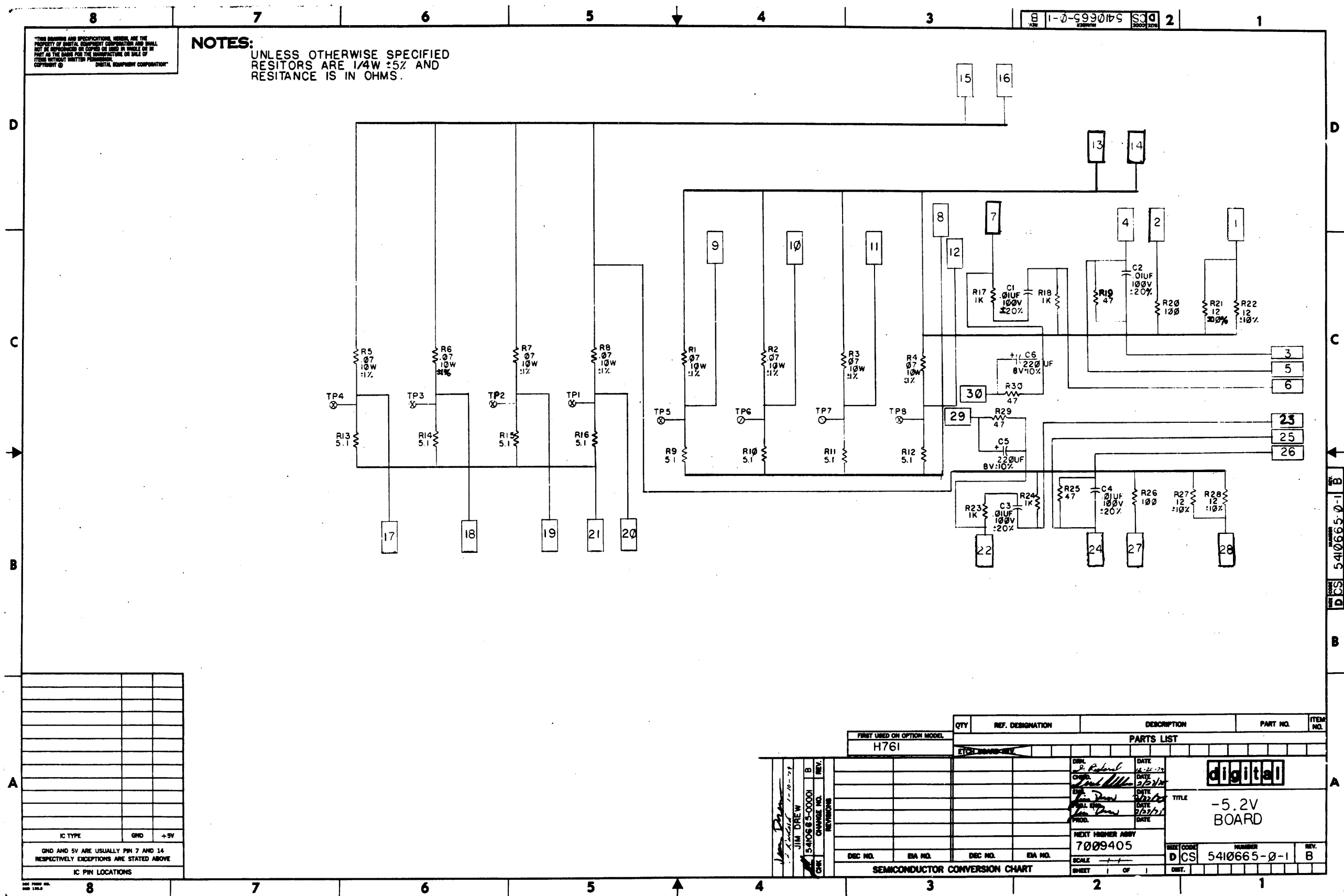
THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AT THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION OF DIGITAL EQUIPMENT CORPORATION.

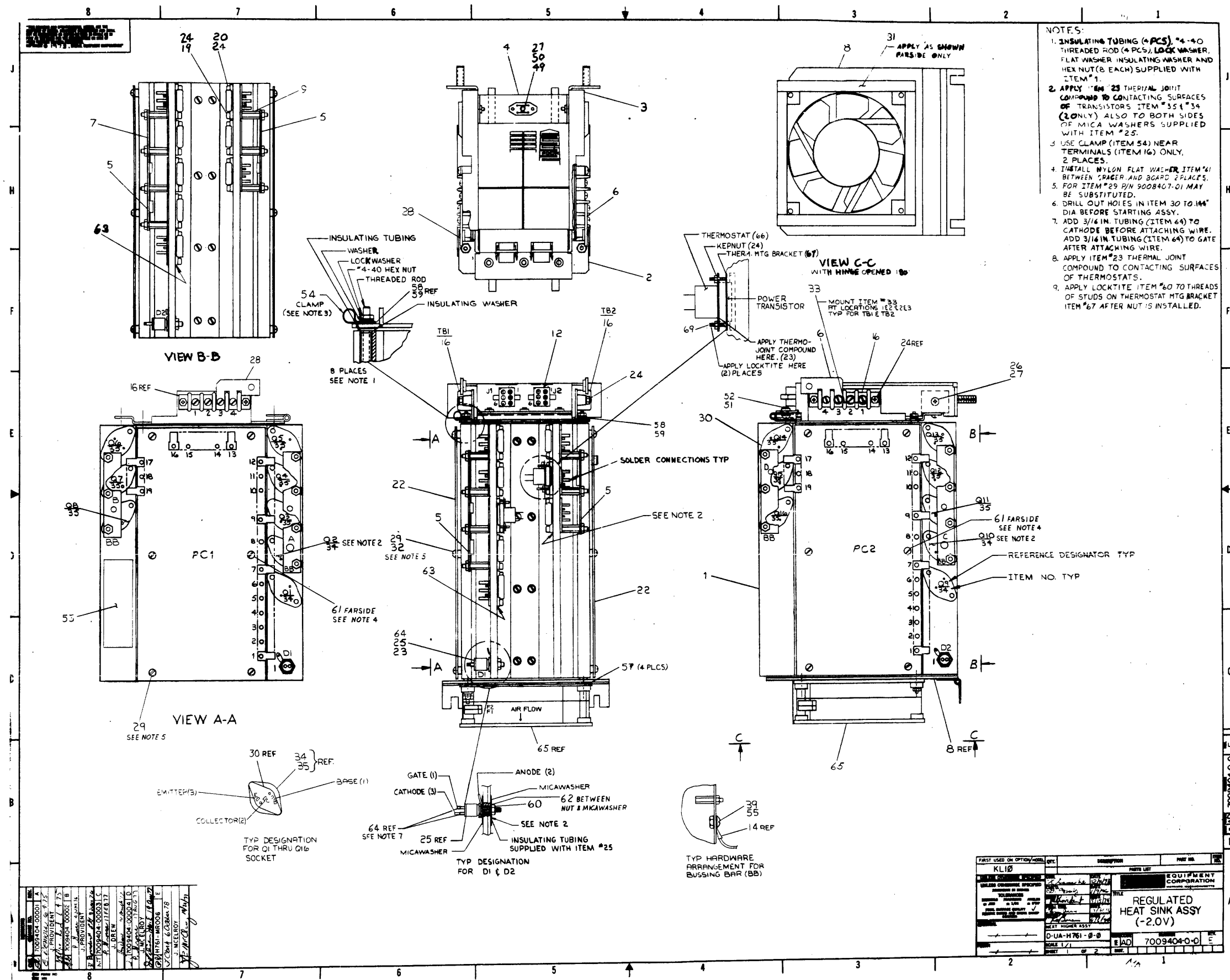


REVISIONS		
CHK	CHANGE NO	REV
1	6614-00001	B
J DREW		

DRN. B. NICHOL	DATE 7-23-75	ENG. JIM DREW
CHKD	DATE 12/2/75	EXT. HIGHER ASSY. E-00 68014-0-1
TITLE LOW VOLTAGE DETECTOR	SIZE CODE DCS	NUMBER 68014-0-1
SCALE	SHEET 1 OF 1	DIST







DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS
PARTS LIST

MADE BY	K. GAMACHE	CHECKED	D. HEALY	SECTION
DATE	12/21/73	DATE	1/2/74	1
ENG		PROD	<i>Bohmer</i>	ISSUED SECT.
DATE		DATE	9-6-74	1

ITEM NO.	DWG NO. / PART NO.	DESCRIPTION	QUANTITY / VARIATION
22	D-CS-5410663-0-1	-2.0V BOARD	2
23	9008268	COMPOUND THERMAL JOINT	102
24	9008185	NUT, KEPS #6-32, .25 A.F.X.12 THK	40
25	1111481	RECTIFIER	2
26	9006021-1	SCR. PHL PAN HD #6-32 x .31	2
27	9006633	WASHER, LOCK INT. TOOTH #6	3*
28	C-IA-7411137-2-0	BUSSING STRIP #2	1
29	9008201-1	SCR. SLOT. HD PAN SH. METAL #6 x .38	12
30	1210130	SOCKET, TRANSISTOR	16
31	9008274	TAPE, POLY.ADH.BACK .38W X .03 THK	A/R
32	9009283	SPACER, .25 A.F. x .12 LG x #6 HOLE	12
33	9009002	JUMPER	4
34	1503068	TRANSISTOR, DEC 3715	4
35	1509730	TRANSISTOR, 2N5301	12
36	9007928-0	CONN. SOLDERLESS BLUE #14	8
37	9007969	CONN. SOLDERLESS BLUE #14	36
38	~~9007970~~	~~CONN. SOLDERLESS RED #18~~	~~2~~
39	9006070-1	SCR. PHL PAN HD #10-32 x .31	4
40	9107370-55	#14 AWG WIRE STRD INS (GREEN)	13FT
41	9107360-55	#18 AWG WIRE STRD INS (GREEN)	1FT
42	9107410-82	#18 AWG WIRE STRD INS GRY/RED	2FT
43	9107360-22	#18 AWG WIRE STRD INS RED	2FT

TITLE	REGULATED HEAT SINK ASSY -2.0V	ASSY NO. D-UA-7009404-0-0	SIZE CODE A PL	NUMBER 7009404-0-0	REV. E	ECONO.
		SHEET 2 OF 4	DIST.			

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

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS
PARTS LIST

MADE BY	K. GAMACHE	CHECKED	D. HEALY	SECTION
DATE	12/21/73	DATE	1/2/74	1
ENG	JIM DREW	PROD	R. O'BRIEN	ISSUED SECT.
DATE	9/7/74	DATE	9/6/74	1

ITEM NO.	DWG NO. / PART NO.	DESCRIPTION	QUANTITY / VARIATION
REF	D-CS-H761-0-1	CIRCUIT SCHEMATIC H761	x
1	1211480	HEAT SINK	1
2	D-IA-7411262-0-0	MTG PLATE, HEAT SINK	1
3	D-IA-7411000-0-0	SUPPORT, HEAT SINK	1
4	C-IA-7410999-0-0	RET. BRKT., HEAT SINK	1
5	C-IA-7411136-1-0	BUSSING STRIP NO. 1	2
6	C-IA-7411137-1-0	BUSSING STRIP NO. 2	1
7	C-IA-7411136-2-0	BUSSING STRIP NO. 1	2
8	E-IA-7411001-0-0	BRACKET, FAN	1
9	B-MD-7411295-0-0	STANDOFF BUSSING	14
10	1209350-06	CONN., 6 SKT HOUSING	2
11			
12	1209379-00	SOCKET, MAT-N-LOCK	6
13	~~1210990-01~~	~~FAN, SUPER DUTY~~	~~1~~
14	9007926-01	CONN. SOLDERLESS YEL #10	4
15	9007031	CABLE TIE, 3-3/4 LG x 3/32 WIDE	6
16	1203346	TERMINAL BLOCK 4 TERM	2
17			
18			
19	9009648-8	SCR, SOCKET HD CAP #6-32 x 1.38	14
20	9006331-8	SCR, SOCKET HD CAP #6-32 x .62	16
21			

TITLE	REGULATED HEAT SINK ASSY -2.0V	ASSY NO. D-UA-7009404-0-0	SIZE CODE A PL	NUMBER 7009404-0-0	REV. E	ECONO. H761-MR006
		SHEET 1 OF 4	DIST.			

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

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

PARTS LIST

MADE BY K. GAMACHE	CHECKED D. HEALY	SECTION 1
DATE 12/21/73	DATE 1/2/74	
ENG	PROD	ISSUED SECT. 1
DATE	DATE 9-6-74	

[illegible]

TITLE	REGULATED HEAT SINK ASSY
	-2.0V

SIZE	CODE	
A	PL	
DIST.		

ASSY NO.	D-UA-700940430-0
SHEET	3 OF

7009404-0-0	NUMBER	RFV.	ECO NO
		E	

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

NR

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

PARTS LIST

MADE BY		CHECKED		SECTION
DATE	K. GAMACHE 12/21/73	DATE	D. HEALY 1/2/74	1
ENG	JIM DREW	PROD	R. O'BRIEN	ISSUED SECT.
DATE	9/7/74	DATE	9/6/74	1

[illegible]

TITLE	REGULATED HEAT SINK ASSY
	-2.0V

ASSY NO.
D-UA-7009404-0-0

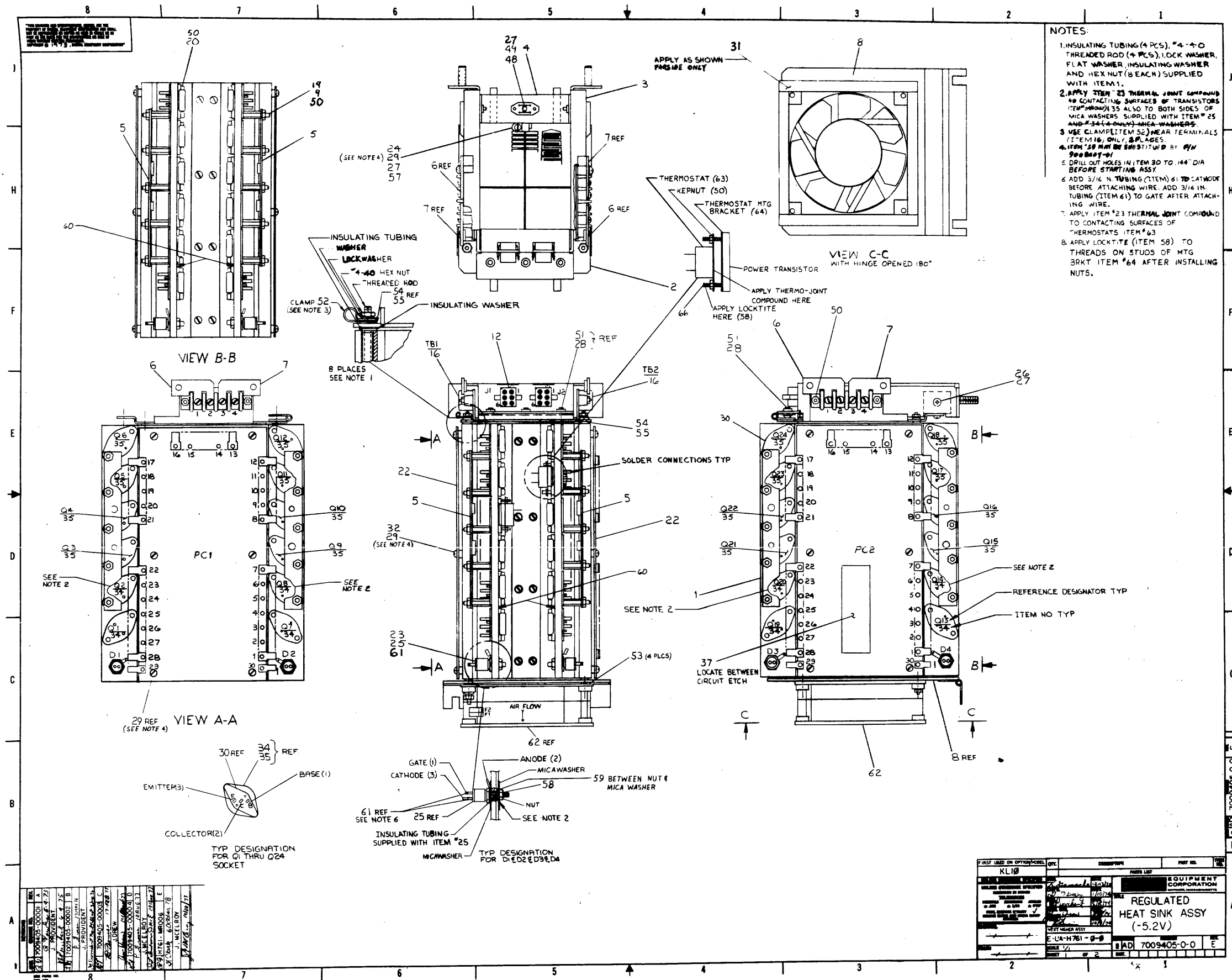
SIZE	A
CODE	PL

NUMBER	7009404-0-0
--------	-------------

REV	ECO NO.
E	

DEC FORM
DRA 110

MR



WIRE TABLE										WIRE TABLE									
ITEM DESCRIPTION FROM TO REMARKS										ITEM DESCRIPTION FROM TO REMARKS									
NO.	AWG.	COLOR	CONN.	WITH	CONN.	WITH	REMARKS	NO.	AWG.	COLOR	CONN.	WITH	CONN.	WITH	REMARKS				
34	14	GRY	PC1-26	34	Q1-3	SOLD		34	14	GRY	PC2-24	34	Q14-3	SOLD					
			PC1-27	34	Q2-3						PC2-27	34	Q20-3						
			Q3-1		Q4-1						Q21-1		Q22-1						
			Q5-1		Q6-1						Q23-1		Q24-1						
36	14	GRY	PC1-25	36	Q1-3	SOLD		36	14	GRY	PC2-25	36	Q3-3	SOLD					
42	18	WHT	PC1-26	36	J1-5	12		42	18	WHT	PC2-26	36	J2-2	12					
41					Q1-1	SOLD		41					Q3-1	SOLD					
45					J1-4	12		45					J2-1	12					
41			PC1-23	36	Q2-1	SOLD		41			PC2-23	36	Q20-1	SOLD					
41	16		Q2-1	SOLD	Q1-2			41	16		Q20-1	SOLD	Q19-2						
38	14		PC1-22	38	Q2-2			38	14		PC2-22	38	Q2-2						
			PC1-24		J2-2						PC2-24		Q20-2						
			PC1-21		Q1-1						PC2-21		Q19-1						
			PC1-20		Q3-3						PC2-20		Q21-3						
			PC1-19		Q4-3						PC2-19		Q22-3						
			PC1-18		Q5-3						PC2-18		Q23-3						
34			PC1-17	38	Q6-3	SOLD		38			PC2-17	38	Q24-3	SOLD					
					Q6-3	SOLD							Q25-3	SOLD					
28			TB1-1	14	PC1-16	33		28			TB2-1	14	PC2-16	33					
					PC1-15	33							PC2-15	33					
28			TB1-2	14	PC1-14	33		28			TB2-2	14	PC2-14	33					
28			TB1-3	14	PC1-13	33		28			TB2-3	14	PC2-13	33					
					PC1-12	33							PC2-12	33					
			PC1-1	38	Q7-3	SOLD					PC2-1	38	Q13-3	SOLD					
			PC1-2	38	Q8-3						PC2-2	38	Q14-3						
			Q9-3	SOLD	Q9-1						Q15-1		Q16-1						
			Q10-1		Q11-1						Q17-1		Q18-1						
			Q12-1	SOLD									Q19-1						
38	14	GRN	PC1-4	38	Q2-3	SOLD		38	14	GRN	PC2-4	38	Q4-3	SOLD					
44	18	WHT	PC1-3	36	J1-2	12		44	18	WHT	PC2-3	36	J2-5	12					
43					Q2-1	SOLD		43					Q4-1	SOLD					
46					J1-1	12		46					J2-4	12					
43					Q4-1	SOLD		43					Q14-1	SOLD					
43	18		Q4-1	SOLD	Q7-2			43	18	GRN	Q13-2	SOLD	Q14-2						
38	14		PC1-7	38	C9-2			38	14	GRN	PC2-5	38	Q14-2						
			PC1-5		J2-2						PC2-7		C15-2						
			PC1-6		Q7-1						PC2-8		Q15-1						
			PC1-9		Q9-3						PC2-9		Q15-3						
			PC1-10		Q10-3						PC2-10		Q16-3						
			PC1-11		Q11-3						PC2-11		Q17-3						
38			PC1-12	38	Q12-3	SOLD		38			PC2-12	38	Q14-3	SOLD					
40			PC1-30	33	Q2-2	SOLD		40			PC2-30	33	Q4-2	SOLD					
					J1-3	12							J2-6	12					
					D1-2	SOLD							Q3-2	SOLD					
40	14	BLK	PC1-29	33	J1-6	12		40	14	BLK	PC2-29	33	J2-3	12					

REVISIONS		CHANGE NO.		REV	
1					
2					
3					
4					
5					
6					
7					
8					

TITLE		REGULATED H.S. ASSY.		EAD		7000405-0-0		E	
SCALE		SHEET 2 OF 2		DST					

REVISED	DATE	BY

TITLE	REGULATED HS ASSY.	REVISION	NUMBER
SCALE	SHEET 2 OF 2	DATE	

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

PARTS LIST

MADE BY K. GAMACHE
DATE 12/13/73
ENG J. DREW
DATE 9/19/74

CHECKED D. HEALY
DATE 1/7/74
PROD R. O'BRIEN
DATE 10/9/74

SECTION 1
ISSUED SECT. 1

ITEM NO.	DWG NO. / PART NO.	DESCRIPTION	SIZE CODE	ASSY NO.	SHEET 1 OF 4	NUMBER	REV.	ECONO
REF	D-CS-H761-Ø-1	CIRCUIT SCHEMATIC H761		D-UA-7009405-0-0				
1	1211480	HEAT SINK						
2	D-IA-7411262-0-0	MTG. PLATE, HEAT SINK						
3	D-IA-7411000-0-0	SUPPORT, HEAT SINK						
4	C-IA-7410999-0-0	RET. BRKT., HEAT SINK						
5	C-IA-7411136-3-0	BUSSING STRIP NO. 1						
6	C-IA-7411137-1-0	BUSSING STRIP NO. 2						
7	C-IA-7411137-2-0	BUSSING STRIP NO. 2						
8	E-IA-7411001-0-0	BRACKET, FAN						
9	B-MD-7411295-0-0	STANDOFF, BUSSING						
10	1209350-06	CONN., 6 SKT HOUSING						
11								
12	1209379-02	SOCKET, MAT-N-LOCK						
13	1210930-01	FAN, SUPER BOXER						
14	9007926-01	CONN. CRIMP SOLDERLESS YEL #10						
15	9007031	CABLE TIE 3.75 LG x .09 WIDE						
16	1203346	TERM BLOCK, 4 TERM						
17								
18								
19	9009648-8	SCR, SOCKET HD CAP #6-32 x 1.38						
20	9006331-8	SCR, SOCKET HD CAP #6-32 x .62						
21								
TITLE		REGULATED HEAT SINK ASSY -5.2V	A PL	D-UA-7009405-0-0	7009405-0-0		E	14761-MK006

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

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

PARTS LIST

MADE BY K. GAMACHE
DATE 12/13/73
ENG J. DREW
DATE 10/9/74

CHECKED D. HEALY
DATE 1/7/74
PROD R. O'BRIEN
DATE 10/9/74

SECTION 1
ISSUED SECT. 1

ITEM NO.	DWG NO. / PART NO.	DESCRIPTION	SIZE CODE	ASSY NO.	SHEET 2 OF 4	NUMBER	REV.	ECONO
22	D-CS-5410665-0-0	-5.2V BOARD		D-UA-7009405-0-0				
23	9008268	COMPOUND THERMAL JOINT						
24	9007081	CABLE CLAMP .25 I.D.						
25	1111481	RECTIFIER						
26	9006021-1	SCR. PHL PAN HD #6-32 x .31						
27	9006633	WASHER, LOCK INT. TOOTH #6						
28	9006037-1	SCR PHL HD PAN #8-32 x .38						
29	9008201-1	SCR. SLOT. HD PAN, SH METAL #6 x .38						
30	1210130	SOCKET, TRANSISTOR						
31	9008274	TAPE, POLY. ADH. BACK .38W x .38 THK						
32	9009283	SPACER, .25 A.F.X.12 LG X #6 HOLE						
33	9007920-00	CONN. SOLDERLESS YEL #10						
34	1503068	TRANSISTOR DEC 3715						
35	1509730	TRANSISTOR, DEC 5301						
36	9007969	CONN. SOLDERLESS BLU #14						
37	9009255	LABEL, ADHESIVE BACK						
38	9107370-88	#14 AWG WIRE STRD INS. (GRY)						
39	9107370-55	#14 AWG WIRE STRD INS. (GRN)						
40	9107370-00	#14 AWG WIRE STRD INS. (BLK)						
41	9107360-88	#18 AWG WIRE STRD INS. (GRY)						
42	9107360-77	#18 AWG WIRE STRD INS. (VIO)						
43	9107360-55	#18 AWG WIRE STRD INS. (GRN)						
TITLE		REGULATED HEAT SINK ASSY -5.2V	A PL	D-UA-7009405-0-0	7009405-0-0		E	14761-MK006

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

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

PARTS LIST

MADE BY K. GAMACHE		CHECKED D. HEALY		SECTION
DATE	12/13/73	DATE	1/8/74	1
ENG	<i>[Signature]</i>	PROD	<i>[Signature]</i>	ISSUED SECT.
DATE	4/1/74	DATE	10/9/74	1

DATE	BY	CHECKED	DATE
ITEM NO.	DWG NO. / PART NO.	DESCRIPTION	

44	9107360-99	#18 AWG WIRE STRD INS. (WHT)
45	9107410-87	#18 AWG WIRE STRD INS. (GRY/VIO)
46	9107410-89	#18 AWG WIRE STRD INS. (GRY/WHT)
47	9107430-29	#18 AWG WIRE STRD INS. (WHT)
48	9007775-00	BALL STUD #6-32
49	9006020-1	SCR. PHL PAN HD #6-32 x .25
50	9008185	NUT, KEPS #6-32, .25 A.F. x .12 THK
51	9006634	WASH INT TOOTH #8
52	9007080	CLAMP CABLE
53	9006557	NUT, KEPS, # 4-40
54	9007046	GROMMET
55	9007594	ADHESIVE, HYBOND 80
56	9107240	SPIRAL WRAP
57	9006653	WASHER, FLAT
58	9009321	LOCKTITE
59	9006669	WASHER, FLAT (.01 x .25 x .03)
60	1213071-02	INSULATOR, THERMAL RUBBER
61	9107714-00	TUBING, SHRINKABLE
62	1210930-02	FAN, 230V, 50/60 HZ
63	12-15041-01	THERMOSTAT 260°F
64	7419817-00	BRACKET, MOUNTING, THERMOSTAT
65	7419817-01	BRACKET, MOUNTING, THERMOSTAT

TITLE	REGULATED HEAT SINK ASSY (-5.2V)	ASSY NO. D-UA-7009405-0-0	SIZE A
		SHEET 3	OF 4

DEC FORM DEC 16 (325) 1031 N870
DRA 110

MR

14

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

PARTS LIST

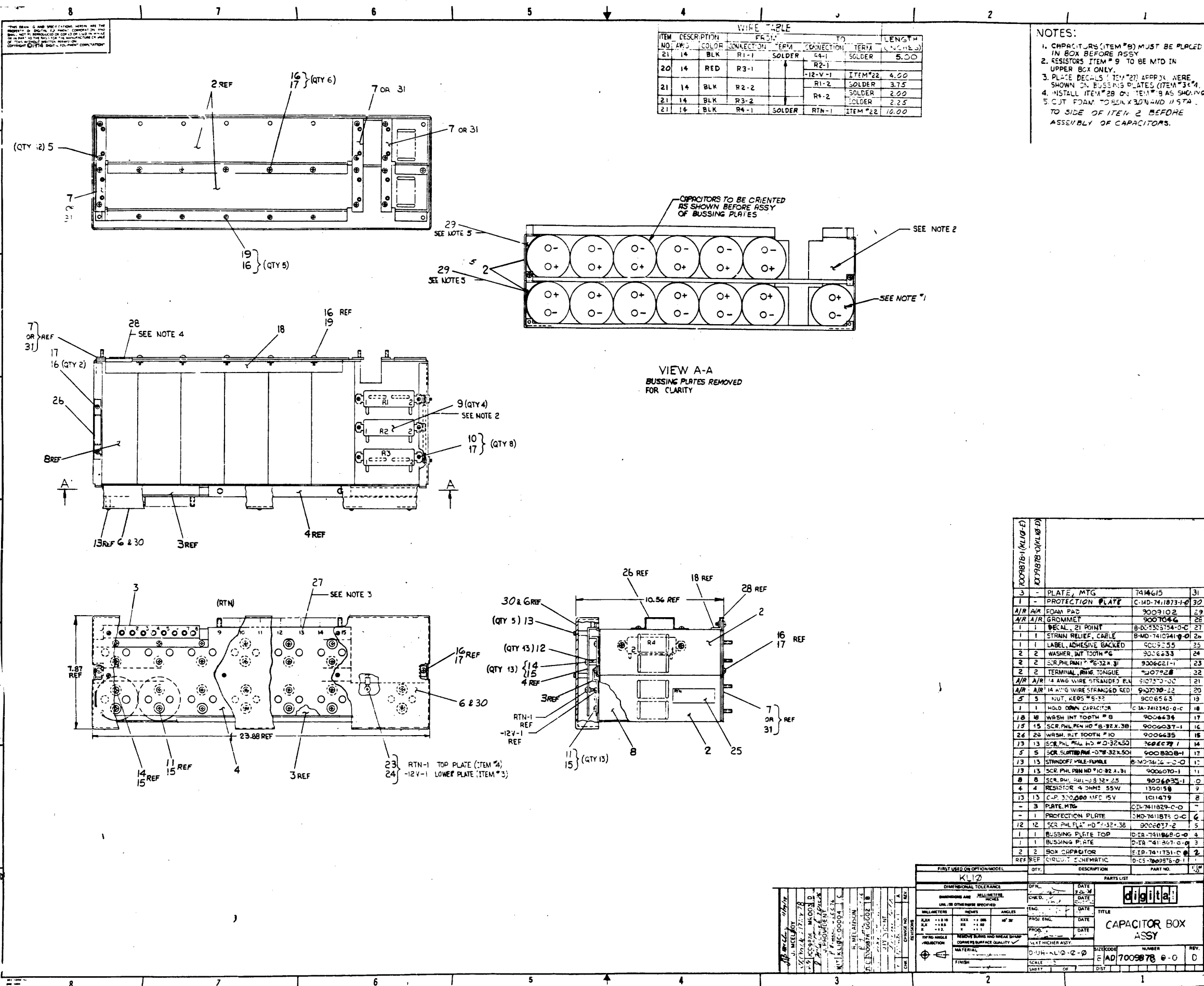
MADE BY		CHECKED		SECTION
DATE	K. GAMACHE 12/13/73	DATE	D. HEALY 1/7/74	1
ENG	J. DREW	PROD	R. O'BRIEN	ISSUED SECT.
DATE	9/19/74	DATE	10/9/74	1

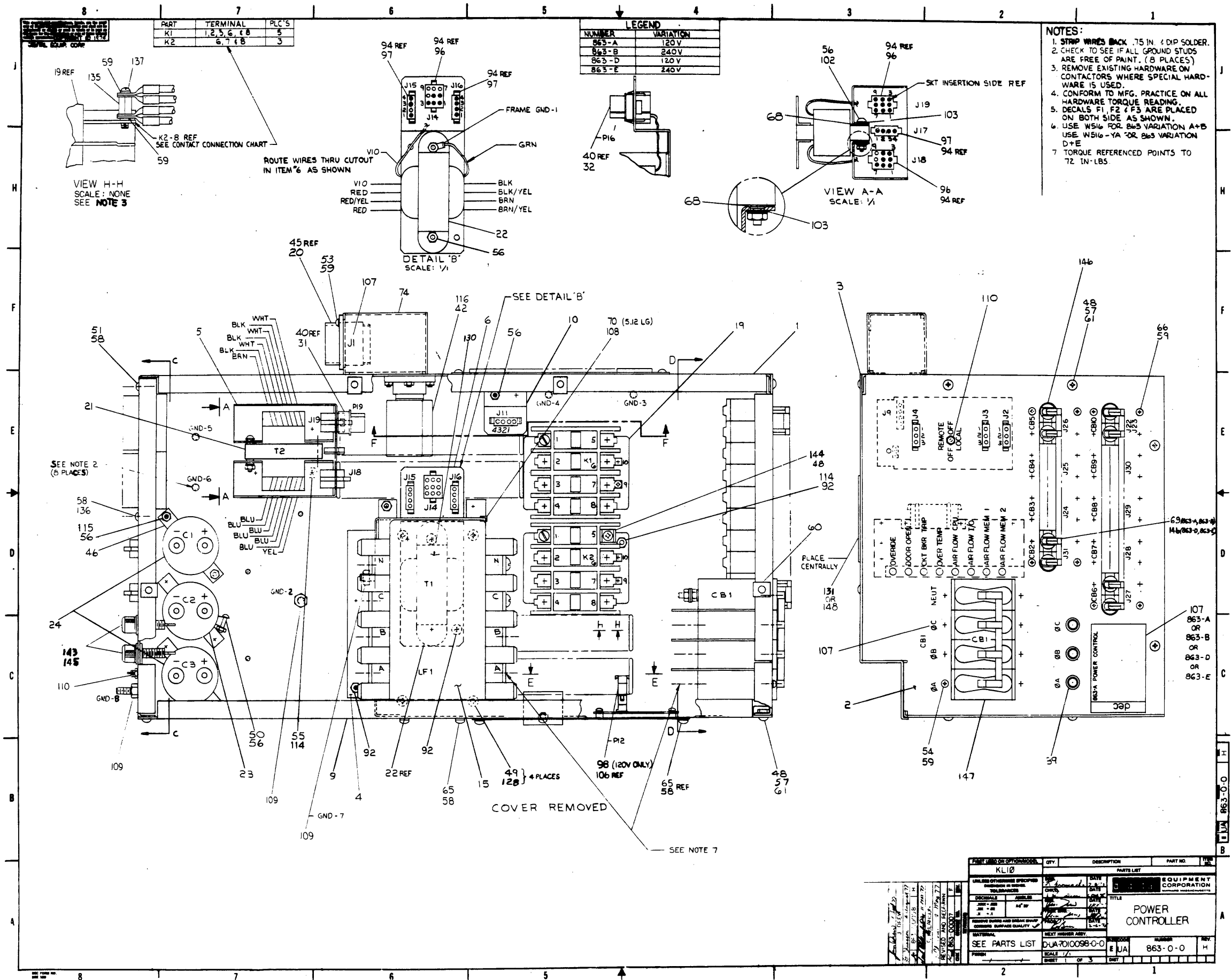
[illegible][illegible]

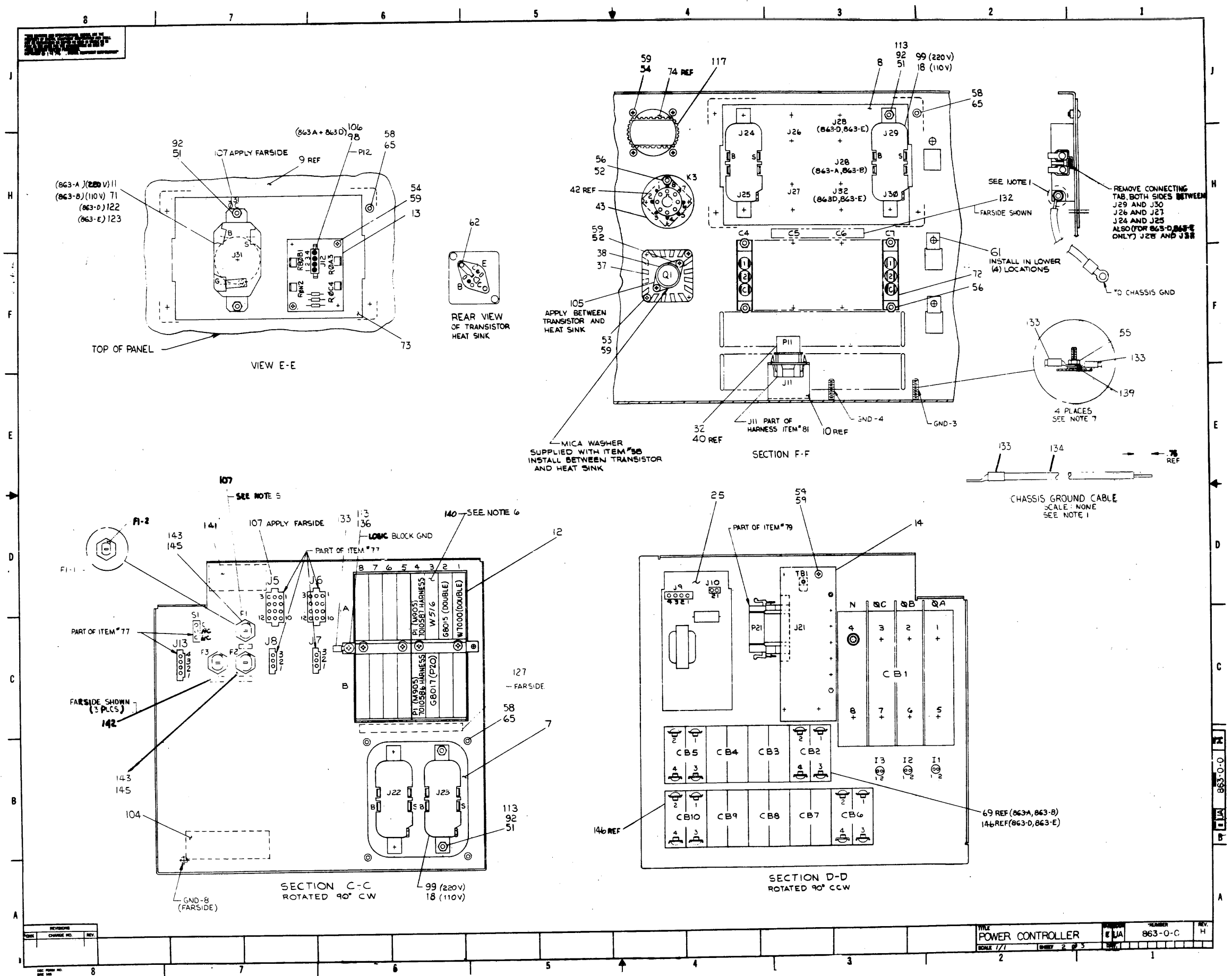
TITLE	REGULATED HEAT SINK ASSY -5.2V	ASSY NO. D-UA-7009405-0-0	SIZE A
		SHEET 4 OF 4	DISC

DEC FORM
DRA 110

14







WIRE TABLE										WIRE TABLE										WIRE TABLE												
ITEM NO	DESCRIPTION	AWG	COLOR	POINT	CONNECTION	TERM	POINT	CONNECTION	TERM	REMARKS	ITEM NO	DESCRIPTION	AWG	COLOR	POINT	CONNECTION	TERM	POINT	CONNECTION	TERM	REMARKS	ITEM NO	DESCRIPTION	AWG	COLOR	POINT	CONNECTION	TERM	POINT	CONNECTION	TERM	REMARKS
75	14 TWP		BLK	2	HARNESS			CB18-2			82	14 WHT			1	HARNESS			K2-5			89	2 BLK				CB1-1	ITEM 91		LF1-4	ITEM 91	
			BLK	3				CB18-1				18 RED			2				K2-7			90	2 BLK				CB1-2	ITEM 91		LF1-5	ITEM 91	
			WHT	4				CB1-1				18 BLK			3				K2-8			91	2 BLK				CB1-3	ITEM 91		LF1-6	ITEM 91	
			RED	5				CB1-2				18 BLU			4				K2-6			92	2 WHT				CB1-4	ITEM 91		LF1-7	ITEM 91	
			BLK	6				CB1-3				18 BLK			5				C4-1			23	18 WHT				PART OF SPKR			FRM 80-1	ITEM 91	
			RED	7				CB1-4				18 BLU			6				C4-2			24	18 BLK				PART OF SPKR					
			WHT	8				CB1-5				18 RED			7				C4-C			25	18 BLK				PART OF SPKR					
			RED	9				CB1-6				18 BLU			8				C5-C			26	18 GRN/YEL				PART OF SPKR					
			BLK	10				CB1-7				18 BLK			9				C6-2			27	18 BLK				PART OF SPKR					
			WHT	11				CB1-8				18 WHT			10				C6-C			28	18 GRN/YEL				PART OF SPKR					
			BLK	12				CB1-9				18 RED			11				C7-2			29	18 WHT									
			RED	13				CB1-10				18 BLU			12				C7-1			30	18 BLU									
			RED	14				K2-7				18 WHT			13				C7-C			31	18 WHT									
			RED	15				K2-8				18 WHT			14							32	18 BLU									
			WHT	16								18 BLU			15							33	18 BLU									
			WHT	17								18 BLU			16				K1-6			34	18 BLU									
			WHT	18								18 RED			17				K1-7			35	18 BLU									
			WHT	19				K2-5				18 BLK			18				K1-8			36	18 BLU									
			WHT	20								18 BLK			19							37	18 BLU									
			WHT	21				CB1-4				18 BLK			20				CB1-5	ITEM 93		38	18 BLU									
			RED	22				CB1-3				18 BLK			21				CB1-6	ITEM 93		39	18 BLU									
			WHT	23				CB1-4				18 BLK			22				CB1-7	ITEM 93		40	18 BLU									
			RED	24				CB1-3				18 BLK			23				AD3	ITEM 101		41	18 BLU									
			WHT	25				CB1-4				18 BLK			24				AD3	ITEM 101		42	18 BLU									
			RED	26				CB1-3				18 BLK			25				AD3	ITEM 101		43	18 BLU									
			WHT	27				CB1-4				18 BLK			26				AD3	ITEM 101		44	18 BLU									
			RED	28				CB1-3				18 BLK			27				AD3	ITEM 101		45	18 BLU									
			WHT	29				CB1-4				18 BLK			28				AD3	ITEM 101		46	18 BLU									
			RED	30				CB1-3				18 BLK			29				AD3	ITEM 101		47	18 BLU									
			WHT	31				CB1-4				18 BLK			30				AD3	ITEM 101		48	18 BLU									
			RED	32				CB1-3				18 BLK			31				AD3	ITEM 101		49	18 BLU									
			WHT	33				CB1-4				18 BLK			32				AD3	ITEM 101		50	18 BLU									
			RED	34				CB1-3				18 BLK			33				AD3	ITEM 101		51	18 BLU									
			WHT	35				CB1-4				18 BLK			34				AD3	ITEM 101		52	18 BLU									
			RED	36				CB1-3				18 BLK			35				AD3	ITEM 101		53	18 BLU									
			WHT	37				CB1-4				18 BLK			36				AD3	ITEM 101		54	18 BLU									
			RED	38				CB1-3				18 BLK			37				AD3	ITEM 101		55	18 BLU									
			WHT	39				CB1-4				18 BLK			38				AD3	ITEM 101		56	18 BLU									
			RED	40				CB1-3				18 BLK			39				AD3	ITEM 101		57	18 BLU									
			WHT	41				CB1-4				18 BLK			40				AD3	ITEM 101		58	18 BLU									
			RED	42				CB1-3				18 BLK			41				AD3	ITEM 101		59	18 BLU									
			WHT	43				CB1-4				18 BLK			42				AD3	ITEM 101		60	18 BLU									
			RED	44				CB1-3				18 BLK			43				AD3	ITEM 101		61	18 BLU									
			WHT	45				CB1-4				18 BLK			44				AD3	ITEM 101		62	18 BLU									
			RED	46				CB1-3				18 BLK			45				AD3	ITEM 101		63	18 BLU									
			WHT	47				CB1-4				18 BLK			46				AD3	ITEM 101		64	18 BLU									
			RED	48				CB1-3				18 BLK			47				AD3	ITEM 101		65	18 BLU									
			WHT	49				CB1-4				18 BLK			48				AD3	ITEM 101		66	18 BLU									
			RED	50				CB1-3				18 BLK			49				AD3	ITEM 101		67	18 BLU									
			WHT	51				CB1-4				18 BLK			50				AD3	ITEM 101		68	18 BLU									
			RED	52				CB1-3				18 BLK			51				AD3	ITEM 101		69	18 BLU									
			WHT	53				CB1-4				18 BLK			52				AD3	ITEM 101		70	18 BLU									
			RED	54				CB1-3				18 BLK			53				AD3	ITEM 101		71	18 BLU									
			WHT	55				CB1-4				18 BLK			54				AD3	ITEM 101		72	18 BLU									
			RED	56				CB1-3				18 BLK			55				AD3	ITEM 101		73	18 BLU									
			WHT	57				CB1-4				18 BLK			56				AD3	ITEM 101		74	18 BLU									
			RED	58				CB1-3				18 BLK			57				AD3	ITEM 101		75	18 BLU									
			WHT	59				CB1-4				18 BLK			58				AD3	ITEM 101		76	18 BLU									
			RED	60				CB1-3				18 BLK			59				AD3	ITEM 101		77	18 BLU									
			WHT	61				CB1-4				18 BLK			60				AD3	ITEM 101		78	18 BLU									
			RED	62				CB1-3				18 BLK			61				AD3	ITEM 101		79	18 BLU									
			WHT	63				CB1-4				18 BLK			62				AD3	ITEM 101		80	18 BLU									
			RED	64				CB1-3				18 BLK			63				AD3	ITEM 101		81	18 BLU									
			WHT	65				CB1-4				18 BLK			64				AD3	ITEM 101		82	18 BLU									
			RED	66				CB1-3				18 BLK			65				AD3	ITEM 101		83	18 BLU									
			WHT	67				CB1-4				18 BLK			66				AD3	ITEM 101		84	18 BLU									
			RED	68				CB1-3				18 BLK			67				AD3	ITEM 101		85	18 BLU									
			WHT	69				CB1-4				18 BLK			68				AD3	ITEM 101		86	18 BLU									
			RED	70				CB1-3				18 BLK			69				AD3	ITEM 101		87	18 BLU									
			WHT	71				CB1-4				18 BLK			70				AD3	ITEM 101		88	18 BLU									
			RED	72				CB1-3				18 BLK			71				AD3	ITEM 101		89	18 BLU									

DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS.													
MADE BY K. GAMACHE		CHECKED <i>John</i>		SECTION		QUANTITY / VARIATION							
DATE <i>2/4/75</i>		DATE <i>2-6-75</i>		ISSUED SECT.									
ENG <i>John</i>		PROD											
DATE <i>2/4/75</i>		DATE											
DWG NO. / PART NO.		DESCRIPTION											
1	E-IA-7411288-0-0	CHASSIS, POWER CONTROL				1	1	1	863-A-Ø (120V)	863-B-Ø (240V)	863-D-Ø (120V)	863-E-Ø (240V)	
2	E-IA-7412256-0-0	PANEL FRDNT				1	1	1					
3	D-IA-7411290-0-0	COVER, POWER CONTROL				1	1	1					
4	D-IA-7412187-0-0	SUPPORT, ILTR O. 1				1	1	1					
5	C-IA-7412113-0-0	CONN. BRACKET NO.1				1	1	1					
6	D-IA-7412118-0-0	CONN. BRACKET NO. 2				1	1	1					
7	C-MØ-7412122-0-0	PANEL, 2 OUTLETS				1	1	1					
8	C-MD-7412082-0-0	PANEL, 4 OUTLETS				1	1	1					
9	E-IA-7412278-0-0	PANEL, SIDE				1	1	1					
10	C-MD-7412280-0-0	CONN. BRKT NO. 3				1	1	1					
11	1211191	RECEPTACLE, TWIST LOCK				-	1	-					
12	C-AD-7004632-0-0	WIRED ASSY (CHASSIS 863 P.C.)				1	1	1					
13	5411159	RESISTOR BOARD				1	1	1					
14	5411157	INDICATOR BOARD				1	1	1					
15	1211493	LINE FILTER				1	1	1					
16	1211496	CIRCUIT BREAKER 75A				1	1	1					
17	1211491-Ø	CIRCUIT BREAKER 2 / A				Ø	Ø	Ø					
18	1205351	DUPLEX OUTLET				6	-	6					
19	1211746	CONTRACTOR 4Ø A 4 POLE				2	2	2					
20	1211537	POWER/CONNECTOR				1	1	1					
21	1611490	TRANSFORMER 3Ø				1	1	1					
22	1611546	TRANSFORMER, POWER				1	1	1					
TITLE		POWER CONTROLLER		ASSY NO. E-ØA-863-Ø-Ø		SIZE CODE A PL		NUMBER 863-Ø-Ø		REV H		ECO NO 863 -	
				SHEET 1 OF 7		DIST.							

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

DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS.													
MADE BY K. GAMACHE		CHECKED <i>John</i>		SECTION		QUANTITY / VARIATION							
DATE <i>2/4/75</i>		DATE <i>2-6-75</i>		ISSUED SECT.									
ENG <i>John</i>		PROD											
DATE <i>2/4/75</i>		DATE											
DWG NO. / PART NO.		DESCRIPTION											
23	1010184	CAPACITOR 30,000uf 25V				1	1	1	863-A-Ø (120V)	863-B-Ø (240V)	863-D-Ø (120V)	863-E-Ø (240V)	
24	1010510	CAPACITOR 6,000uf 50V				2	2	2					
25	5410206	PILOT CONTROL				1	1	1					
26	9107765-22	WIRE, INS, STRD #8 AWG (RED)				A/R	A/R	A/R					
27	W516	L.V. DETECTOR				1	1	-					
28	W7ØØØ	POWER SUPPLY				1	1	1					
29	G8Ø15	CONTROL LOGIC				1	1	1					
30	G8Ø17	INDICATOR DRIVER				1	1	1					
31	1209351-09	9 PIN CONN HOUSING				1	1	1					
32	1209351-04	4 PIN CONN HOUSING				2	2	2					
33	9107390-66	WIRE, INS, STRD #10 AWG (BLU)				A/R	A/R	A/R					
34	9107390-00	WIRE, INS, STRD #10 AWG (BLK)				A/R	A/R	A/R					
35	9107390-99	WIRE, INS, STRD #10 AWG (WHT)				A/R	A/R	A/R					
36	9107390-22	WIRE, INS, STRD #10 AWG (RED)				A/R	A/R	A/R					
37	1210012-01	HEAT SINK				1	1	1					
38	1503399	TRANSISTOR 3790				1	1	1					
39	1211263	INDICATOR LIGHT				3	3	3					
40	1209378-00	PIN, TERMINAL CONTACT				12	10	12					
41	917779-54	WIRE, INS, STRD #10 AWG (GRN/YEL.?)				A/R	A/R	A/R					
42	1209120	RELAY				1	1	1					
43	1201220	RELAY SOCKET				1	1	1					
44	9107765-66	WIRE, INS, STRD #8 AWG (BLU)				A/R	A/R	A/R					
TITLE		POWER CONTROLLER		ASSY NO. E-ØA-863-Ø-Ø		SIZE CODE A PL		NUMBER 863-Ø-Ø		REV H		ECO NO	
				SHEET 2 OF 7		DIST.							

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

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

MADE BY
K. GAMACHE

CHECKED
K. Gamache

DATE
4 Feb 75

PROD
DATE
2/4/75

ISSUED SECT.

PARTS LIST

DATE
2/4/75

DATE
2-6-75

ITEM NO	DWG NO. / PART NO.	DESCRIPTION	863-A-Ø (120V)	863-B-Ø (240V)	863-D-Ø (120V)	863-E-Ø (240V)	QUANTITY / VARIATION										
45	1211541	CONTACT PINS, FEMALE 35A	5	5	5	5											
46	1210430-0-0	CLAMP, CAPACITOR	3	3	3	3											
47	9107765-00	WIRE, INS, STRD #8 AWG (BLK)	A/R	A/R	A/R	A/R											
48	9006073-1	SCR, PHL PAN HD #10-32 X .50 LG	10	10	10	10											
49	9026070-1	SCR, PHL PAN HD #10-32 X .31 LG	4	4	4	4											
50	9006025-1	SCR, PHL PAN HD #6-32 X .62 LG	3	3	3	3											
51	9006037-1	SCR, PHL PAN HD #8-32 X .38 LG	16	16	16	16											
52	9006024-1	SCR, PHL PAN HD #6-32 X .50 LG	6	6	6	6											
53	9006022-1	SCR, PHL PAN HD #6-32 X .38 LG	8	8	8	8											
54	9006021-1	SCR, PHL PAN HD #6-32 X .31 LG	20	20	20	20											
55	9006565	KEPS NUT #10-32	11	11	11	11											
56	9006560	KEPS NUT #6-32	27	27	27	27											
57	9006635	WASH, LOCK INT. TOOTH #10	14	14	14	14											
58	9006634	WASH, LOCK INT. TOOTH #8	16	16	16	16											
59	9006633	WASH, LOCK INT. TOOTH #6	66	66	66	66											
60	9008196	1/4 TURN CLIP ON RECEPTACLE	4	4	4	4											
61	9007786	NUT, SPRING TINNEMAN	14	14	14	14											
62	1210130	TRANSISTOR SOCKET	1	1	1	1											
63	9009637	TERMINAL, RING CRIMP	3	3	3	3											
64	9107765-99	WIRE, INS, STRD #8 AWG (WHT)	A/R	A/R	A/R	A/R											
65	9006036-1	SCR, PHL PAN HD #8-32 X .31 LG	14	14	14	14											
66	9006020-1	SCR PHL PAN HD #6-32 X.25 LG	36	36	36	36											

TITLE

POWER CONTROLLER

ASSY NO.
E-UA-863-0-0

SIZE CODE
A PL

NUMBER
863-0-0

REV.
H

ECONO.

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

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

MADE BY
K. GAMACHE

CHECKED
K. Gamache

DATE
4 Feb 75

PROD
DATE
2/4/75

ISSUED SECT.

PARTS LIST

DATE
2/4/75

DATE
2-6-75

ITEM NO	DWG NO. / PART NO.	DESCRIPTION	863-A-Ø (120V)	863-B-Ø (240V)	863-D-Ø (120V)	863-E-Ø (240V)	QUANTITY / VARIATION										
67	9007930-00	CONN, SOLDERLESS #18 AWG	5	5	5	5											
68	9008318	FIBRE WASHER, SHOULDER	4	4	4	4											
69	1212124-00	CIRCUIT BREAKER, 30 AMP	1	1	-	-											
70	9007044	GROMMET	A/R	A/R	A/R	A/R											
71	1211194	RECEPTACLE TWIST-LOCK RL5-30	1	-	-	-											
72	1000034	CAPACITOR 2X.1MFC +20%/-10% 1000VDC	4	4	4	4											
73	C-IA-7413005-0-0	PLATE, OUTLET 30 AMP	1	1	1	1											
74	C-IA-7010455-0 0	CONN. HOUSING ASSY	1	1	1	1											
75	D-IA-7010734-0-0	HARNESS, AC NO.5	1	1	1	1											
76	E-IA-7010585-0-0	HARNESS, AC NO.2	1	1	-	-											
77	E-IA-7010586-0-0	HARNESS, DC NO.1	1	1	1	1											
78	D-IA-7010731-0-0	HARNESS, AC NO.4	1	1	1	1											
79	D-IA-7010733-0-0	HARNESS, FAULT INDICATOR	1	1	1	1											
80	E-IA-7010587-0-0	HARNESS, DC NO.3	1	1	1	1											
81	E-IA-7010588-0-0	HARNESS, TRANSFORMER, AC	1	1	1	1											
82	D-IA-7010732-0-0	HARNESS, CAPACITOR	1	1	1	1											
83	1211515	LUG, SOLDERLESS #8 STRAIGHT	16	16	16	16											
84	9107440-09	WIRE, STRD TWP #14 AWG BLK/WHT	A/R	A/R	A/R	A/R											
85	9007969	CONN, SOLDERLESS #14 AWG (BLU)	7	7	4	4											
86	9009696	CONN, SOLDERLESS #10 AWG (YEL)	10	10	12	12											
87	9007926-01	CONN, SOLDERLESS #10 AWG (YEL)	7	7	5	5											
88	9107360-44	WIRE, INS STRD #18 AWG (YEL)	A/R	A/R	A/R	A/R											

TITLE

POWER CONTROLLER

ASSY NO.
E-UA-863-0-0

SIZE CODE
A PL

NUMBER
863-0-0

REV.
H

ECONO.

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

DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS										PARTS LIST										QUANTITY / VARIATION											
MADE BY		K. GAMACHE		CHECKED		DATE		SECTION		ISSUED SECT.		863-A-Ø (120 V)		863-B-Ø (240 V)		863-D-Ø (120V)		863-E-Ø (240V)													
DATE		2/4/75		PROD		DATE		2-6-75																							
ITEM NO.		DWG NO. / PART NO.		DESCRIPTION																											
89		9107360-00		WIRE, INS, STRD #18 AWG (BLK)								A/R		A/R		A/R		A/R													
90		9107764-00		WIRE, INS, STRD #2 AWG (BLK)								A/R		A/R		A/R		A/R													
91		1212086-00		LUG, SOLDERLESS RT ANGLE #2 AWG								8		8		8		8													
92		9006563		NUT, KEP #8-32								20		20		20		20													
93		9107764-99		WIRE, INS, STRD #2 AWG (WHT)								A/R		A/R		A/R		A/R													
94		1209379-00		SOCKET, TERMINAL CONTACT								32		32		32		32													
95		9107360-66		WIRE, INS, STRD #18 AWG (BLU)								A/R		A/R		A/R		A/R													
96		1209350-09		9 SKT CONN HOUSING								3		3		3		3													
97		1209350-04		4 SKT CONN HOUSING								3		3		3		3													
98		1212167-01		4 SKT CONN HOUSING (SPECIAL)								1		1		1		1													
99		1211204		DUPLEX OUTLET (230V)								-		6		-		6													
100		9006624-01		CONN, SOLDERLESS (RED) #18-22 AWG								4		4		4		4													
101		9007970		CONN, SOLDERLESS (RED) #18-22 AWG								4		4		4		4													
102		9007853-1		SCR, PHL PAN HD #6-32 X 1.12								2		2		2		2													
103		9006707		WASHER, FLAT, NYLON								4		4		4		4													
104		9009255		LABEL, ADHESIVE BACKED								1		1		1		1													
105		9008268		COMPOUND, THERMAL JOINT								A/R		A/R		A/R		A/R													
106		1212170		UNIV. CONN SKT CONTACT								4		4		4		4													
107		B-DC-7413472-0-0		DECALS, 863 POWER CONTROL								1		1		1		1													
108		9007594		ADHESIVE, HYBOND 80								AR		AR		AR		AR													
109		9008203		NUT, KEP 1/4-20								3		3		3		3													
110		9006712		WASHER, NYLON								2		2		2		2													
TITLE		POWER CONTROLLER		ASSY NO. E-UA-863-0-0		SIZE CODE A PL		NUMBER 863-0-0		REV H		ECONO H																			
				SHEET 5 OF 7		DIST.																									

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

DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS										PARTS LIST										QUANTITY / VARIATION											
MADE BY		K. GAMACHE		CHECKED		DATE		SECTION		ISSUED SECT.		863-A-Ø (120V)		863-B-Ø (240V)		863-D-Ø (120V)		863-E-Ø (240V)													
DATE		2/4/75		PROD		DATE		2-6-75																							
ITEM NO.		DWG NO. / PART NO.		DESCRIPTION																											
111		9107370-99		WIRE, INS STRD #14 AWG (WHT)								A/R		A/R		A/R		A/R													
112		9007880		TIES, CABLE								15		15		15		15													
113		9008151		WASHER, LOCK #8 EXT. TOOTH								21		21		21		21													
114		9006660		WASHER, FLAT #8								11		11		11		11													
115		9006653		WASHER, FLAT #6								6		6		6		6													
116		9107305-2		TUBING, SHRINKABLE								5		5		5		5													
117		9007036		GROMMET, CATERPILLAR								A/R		A/R		A/R		A/R													
118		9006630-00		ASS, 305A, 14W-Ø1								1		1		1		1													
119		9006630-00		ASS, 100A, 14W-Ø1								1		1		1		1													
120		9007686		TERMINAL, 30 GA.								4		4		4		4													
121		9006630-00		TUBING, TENSION								A/R		A/R		A/R		A/R													
122		1212315-00		RECEPTACLE, TWISTLOK								-		-		-		-													
123		121259-00		RECEPTACLE, TWISTLOK								-		-		-		-													
124		9006630-00		PLATE, COVER								1		1		1		1													
125		9107440-29		WIRE 14 AWG RED/WHT								-		-		-		A/R		A/R											
126		9007594		CONN, SOLDERLESS #18 AWG (WHT)								1		1		1		1													
127		9007652		TERMINAL, RING TONGUE #14 #16 AWG								1		1		1		1													
128		9007651		WASHER, EXT. TOOTH #10								4		4		4		4													
129		9007624		WASHER, EXT. TOOTH #1/4								1		1		1		1													
130		3610267		DANGER HI VOLT STICKER								1		1		1		1													
131		A-DC-7417419-0-0		DANGER HI VOLT STICKER								1		1		1		1													
132		A-DC-7417418-0-0		NOT FOR CONNECTION STICKER								2		2		2		2													
TITLE		POWER CONTROLLER		ASSY NO. E-UA-863-0-0		SIZE CODE A PL		NUMBER 863-0-0		REV H		ECONO H																			
				SHEET 6 OF 7		DIST.																									

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

DIGITAL EQUIPMENT CORPORATION

MAYNARD, MASSACHUSETTS

PARTS LIST

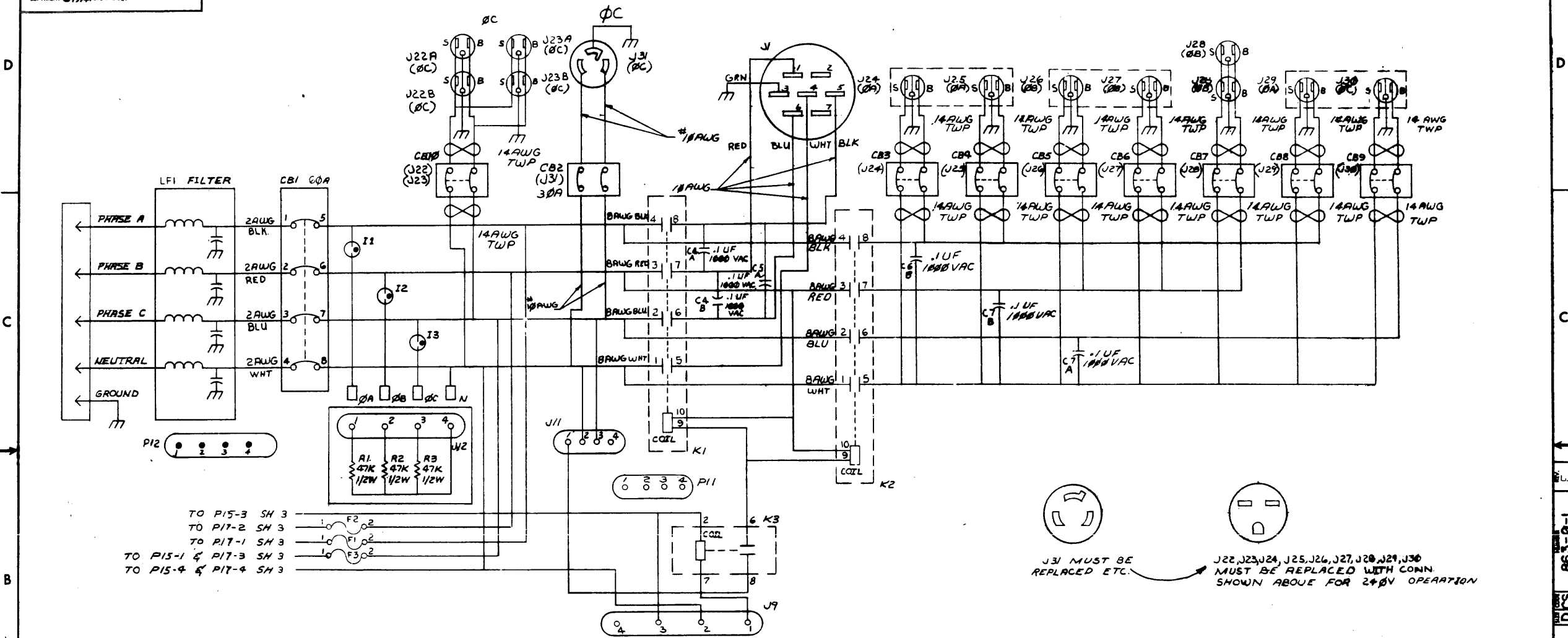
MADE BY	CHECKED	SECTION
DATE	DATE	
ENG	PROD	ISSUED SECT.
DATE	DATE	

QUANTITY / VARIATION

[illegible]

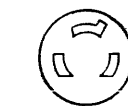
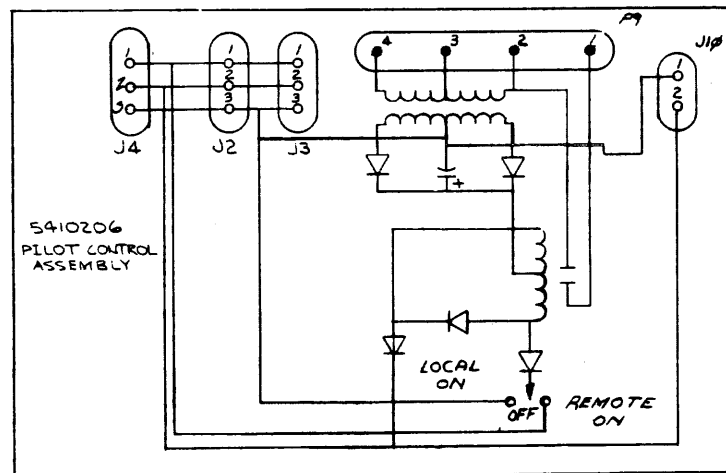
DEC FORM DEC 16 (325) 1031 N870
DRA 110

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

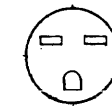


TO P15-3 SH 3
TO P17-2 SH 3
TO P17-1 SH 3
TO P15-1 & P17-3 SH 3
TO P15-4 & P17-4 SH 3

NOTE:
FOR 120V OPERATION JUMPER P12-17
P12-2 TO P12-3 TO P12-4 J11-1 TO J11-3
FOR 240V OPERATION JUMPER J11-1 TO J11-2
REMOVE JUMPER ON P12 CHANGE DUPLEX
OUTLET PANEL TO 240V PANEL
ALL WIRING IS 18AWG UNLESS NOTED



J31 MUST BE
REPLACED ETC.



J22, J23, J24, J25, J26, J27, J28, J29, J30
MUST BE REPLACED WITH CONN.
SHOWN ABOVE FOR 240V OPERATION

REFER TO THIS SHEET FOR 863 A & B VERSIONS.
SEE SHEET 2 FOR 863 D & E VERSIONS.

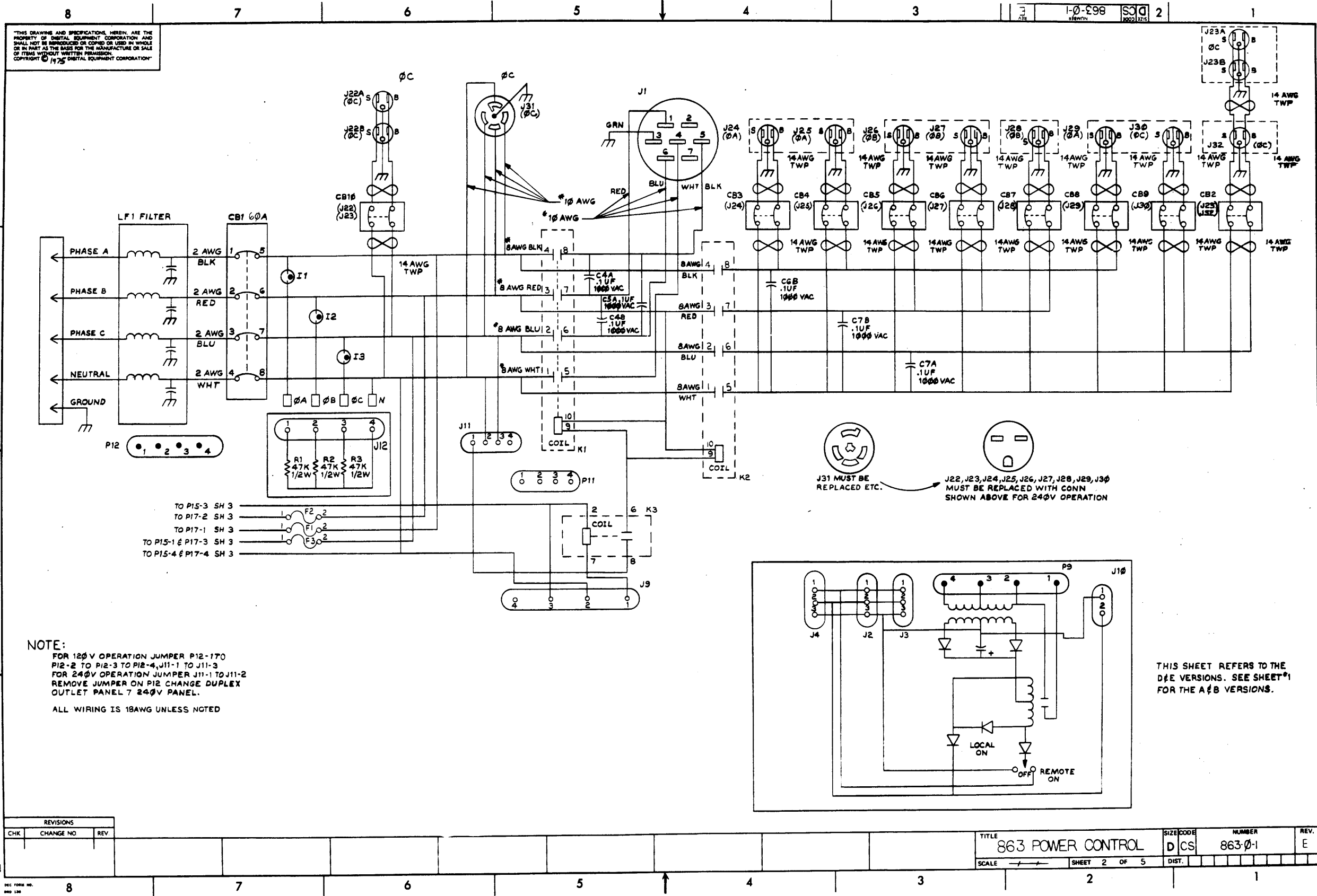
REV.	CHANGE NO.	BY	DATE
1	1	W. J. MELANSON	7/1/77
2	2	W. J. MELANSON	7/1/77
3	3	W. J. MELANSON	7/1/77
4	4	W. J. MELANSON	7/1/77
5	5	W. J. MELANSON	7/1/77
6	6	W. J. MELANSON	7/1/77
7	7	W. J. MELANSON	7/1/77
8	8	W. J. MELANSON	7/1/77
9	9	W. J. MELANSON	7/1/77
10	10	W. J. MELANSON	7/1/77

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
KL10				
DIMENSIONAL TOLERANCE				
DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED				
MILLIMETERS	INCHES	ANGLES		
XX ±0.10	XX ±0.005	XX 30°		
XX ±0.05	XX ±0.002			
X ±0.2	X ±0.1			
THIRD ANGLE PROJECTION	REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY	NEXT HIGHER ASSY.		
MATERIAL				
FINISH				
SCALE				
SHEET 1 OF 5				

digital

863 POWER CONTROL

863-0-1 E



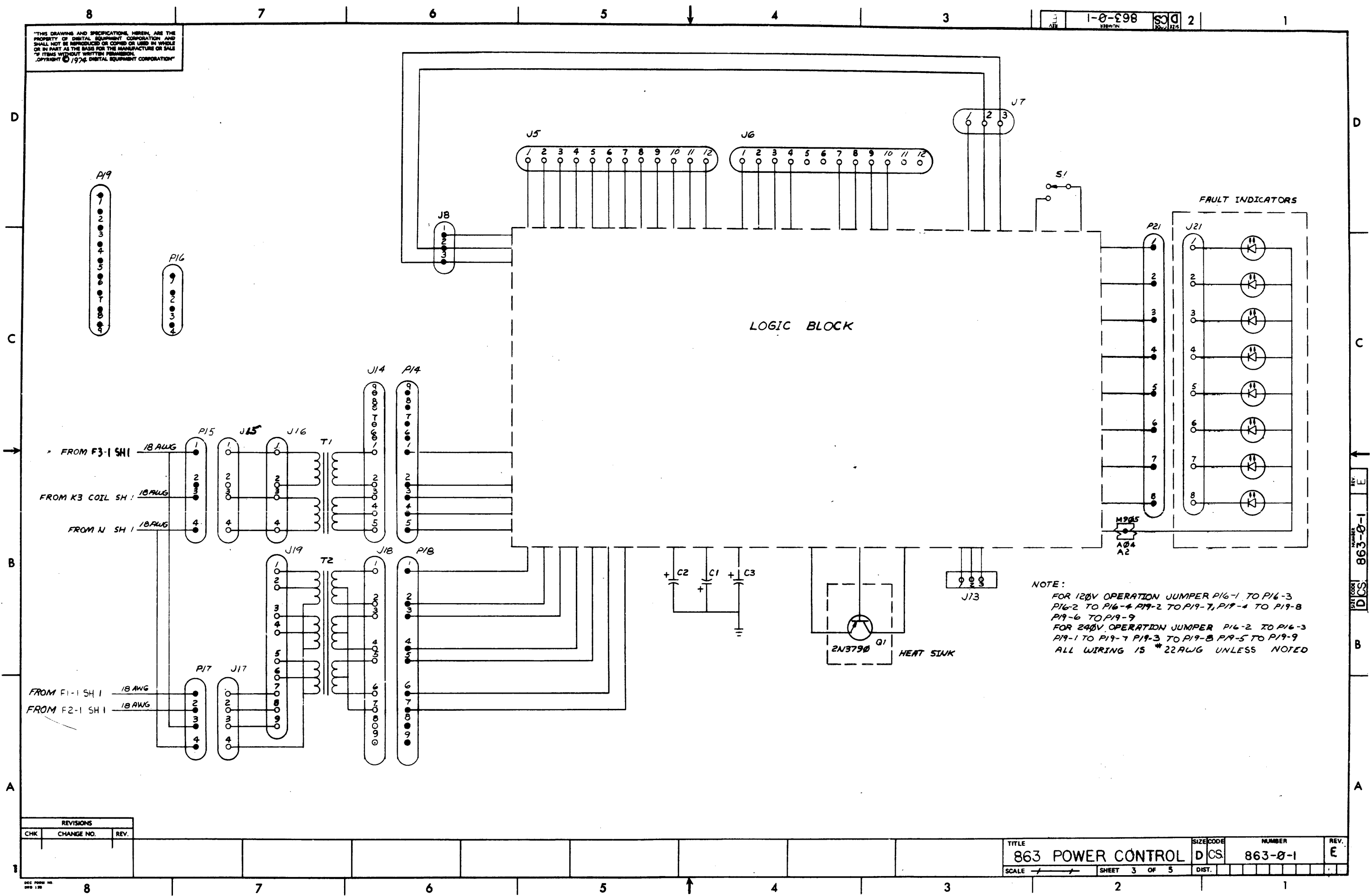
NOTE:
FOR 120V OPERATION JUMPER P12-1 TO P12-2 TO P12-3 TO P12-4, J11-1 TO J11-3
FOR 240V OPERATION JUMPER J11-1 TO J11-2
REMOVE JUMPER ON P12 CHANGE DUPLEX
OUTLET PANEL 7 240V PANEL.
ALL WIRING IS 18AWG UNLESS NOTED

REVISIONS		
CHK	CHANGE NO	REV

TITLE		SIZE CODE	NUMBER	REV.
863 POWER CONTROL		D CS	863-0-1	E
SCALE		SHEET 2 OF 5	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 © 1974 DIGITAL EQUIPMENT CORPORATION"

1-0-098 2



NOTE:
FOR 120V OPERATION JUMPER P16-1 TO P16-3
P16-2 TO P16-4 P19-2 TO P19-7, P19-4 TO P19-8
P19-6 TO P19-9
FOR 240V OPERATION JUMPER P16-2 TO P16-3
P19-1 TO P19-7 P19-3 TO P19-8 P19-5 TO P19-9
ALL WIRING IS #22AWG UNLESS NOTED

REVISIONS		
CHK	CHANGE NO.	REV.

TITLE		SIZE CODE	NUMBER	REV.
863 POWER CONTROL		D CS	863-0-1	E
SCALE		SHEET 3 OF 5	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 © 1974 DIGITAL EQUIPMENT CORPORATION

D

C

B

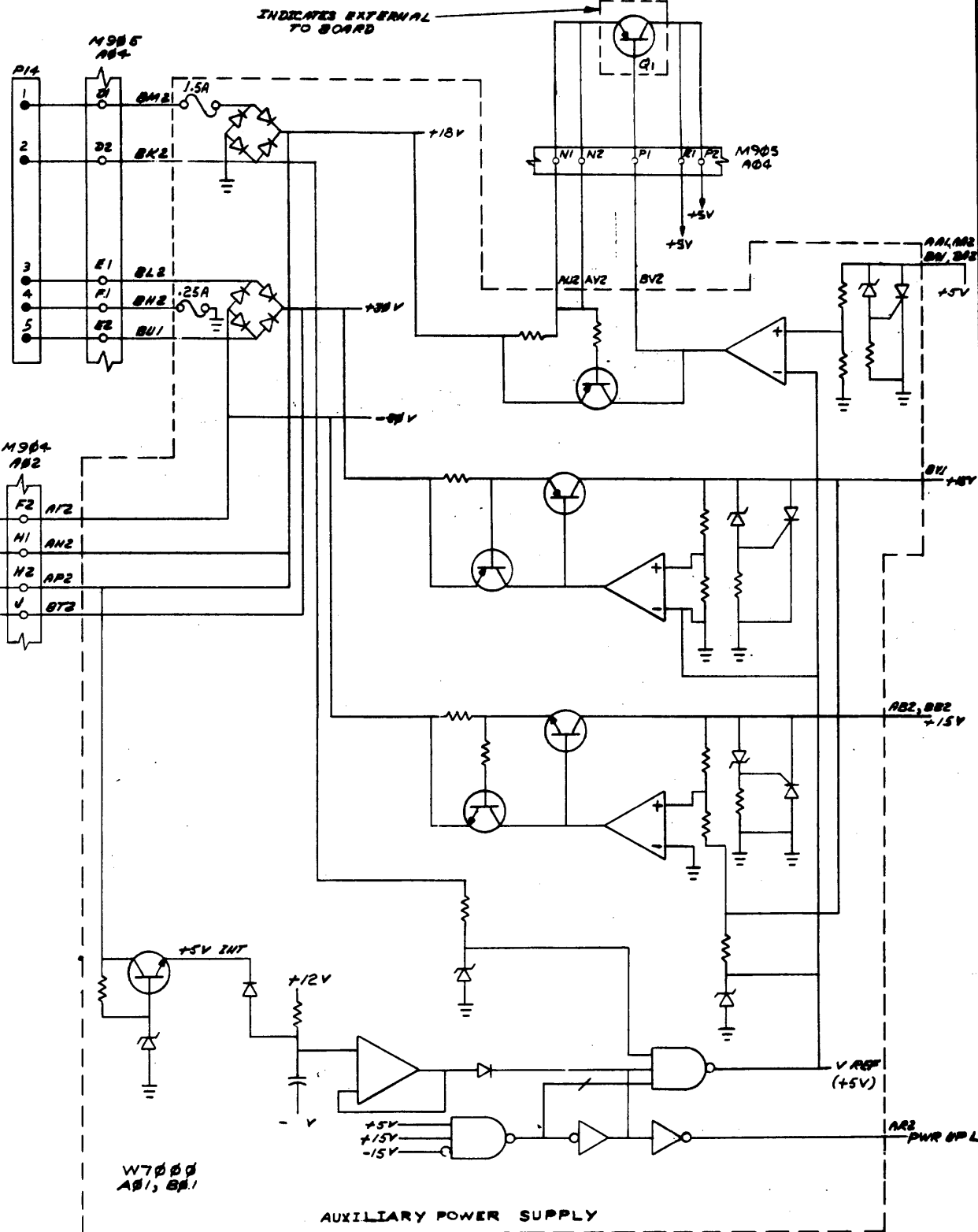
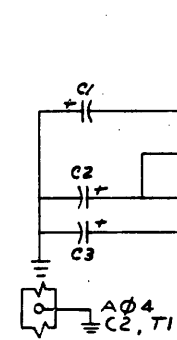
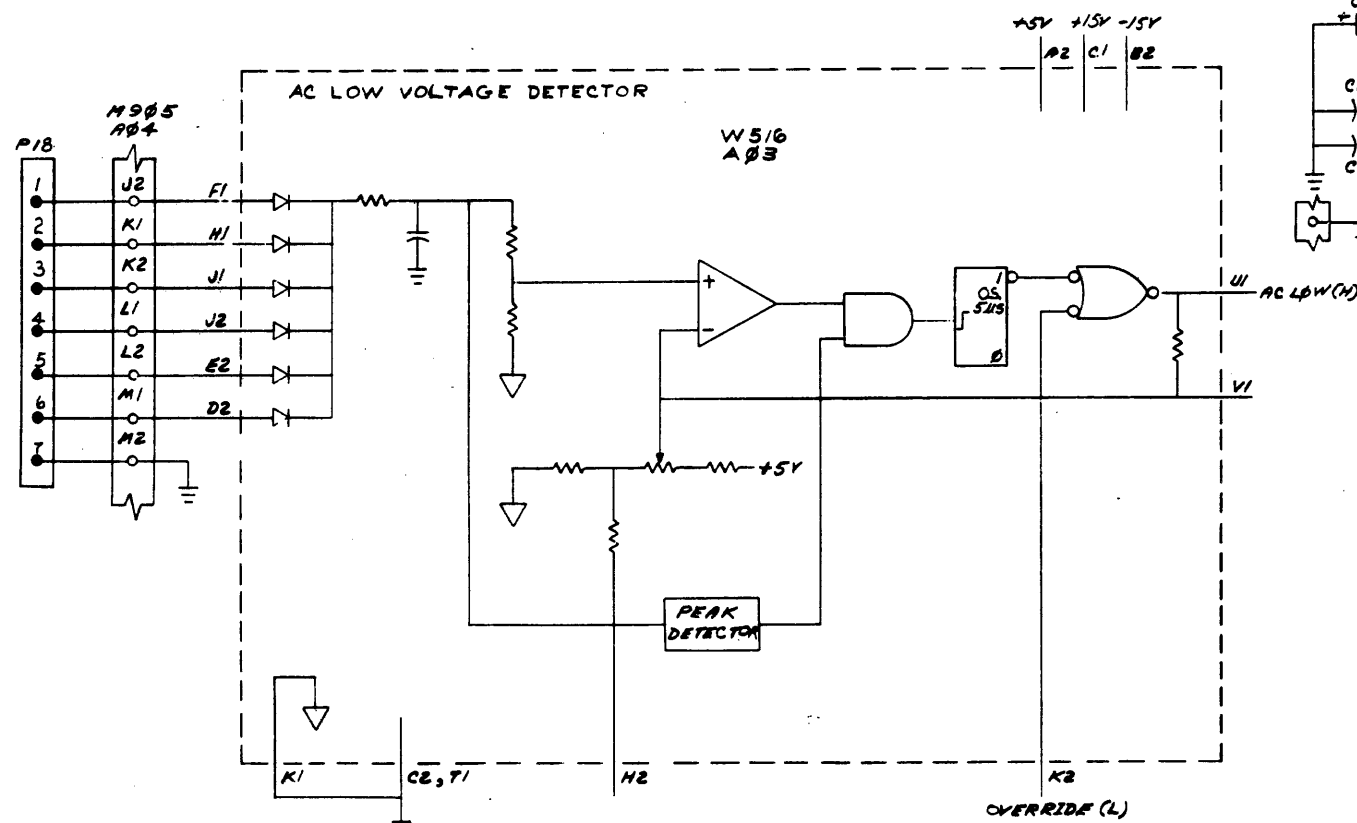
A

D

C

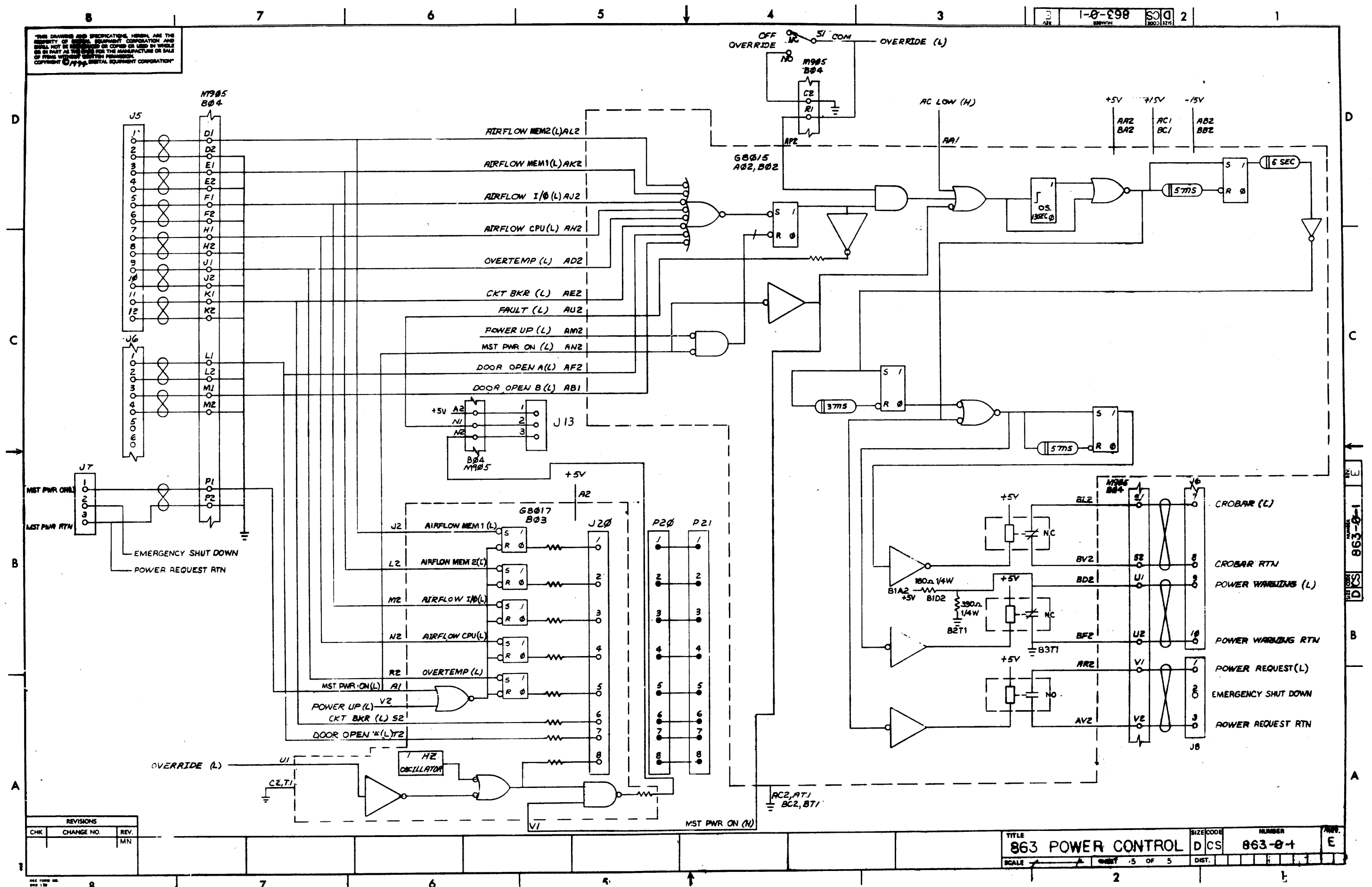
B

A



REVISIONS		
CHK	CHANGE NO.	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 OTHER EQUIPMENT WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1974 DIGITAL EQUIPMENT CORPORATION

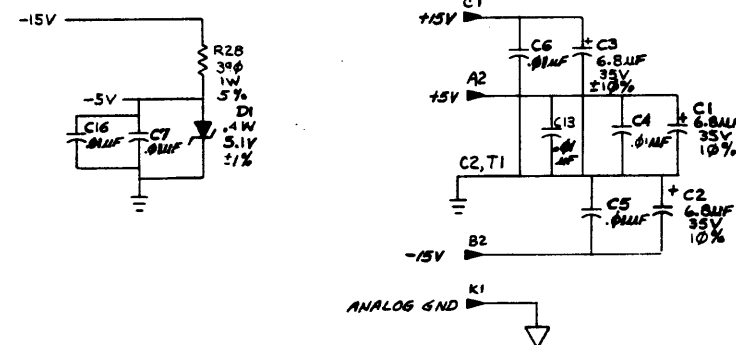
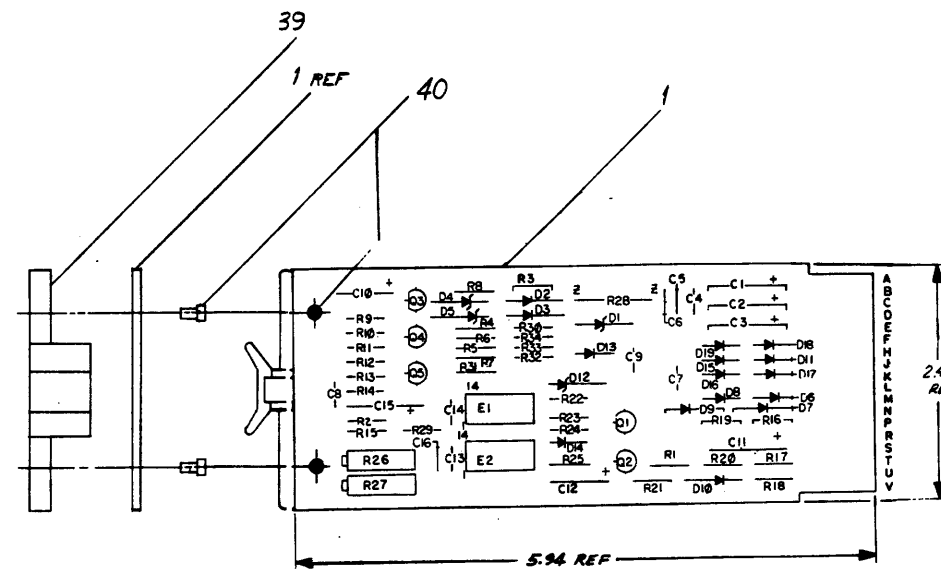


This drawing and specifications, herein, are the property of Digital Equipment Corporation and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.

COPYRIGHT © 1973 DIGITAL
EQUIPMENT CORPORATION

NOTES:

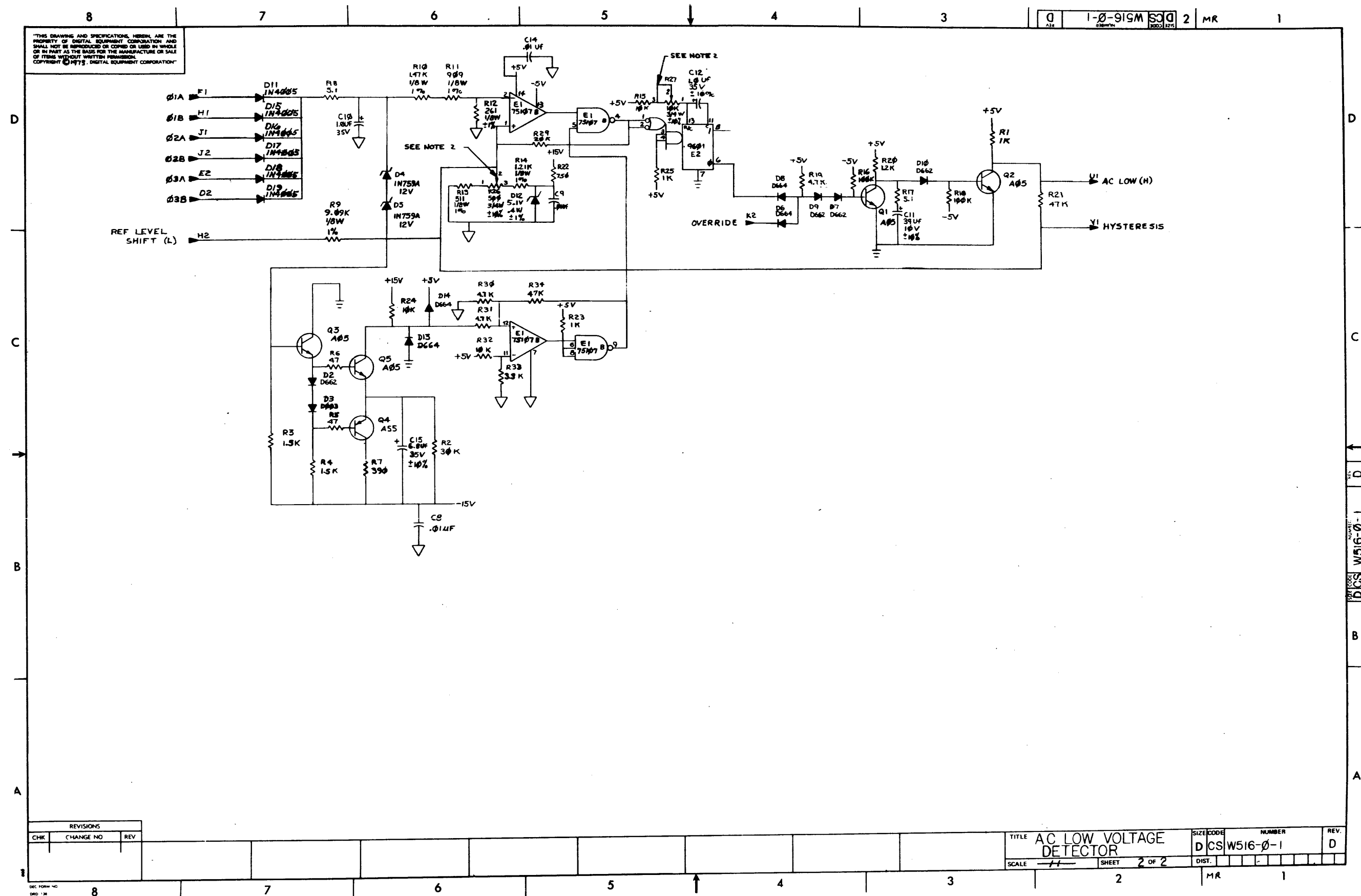
1. UNLESS OTHERWISE SPECIFIED
A. RESISTORS ARE 1/4 W, 5%.
B. RESISTANCE IS IN OHMS.
C. CAPACITORS ARE 105V, 12%.
2. R26 & R27 ARE FACTORY ADJUSTMENTS ONLY.

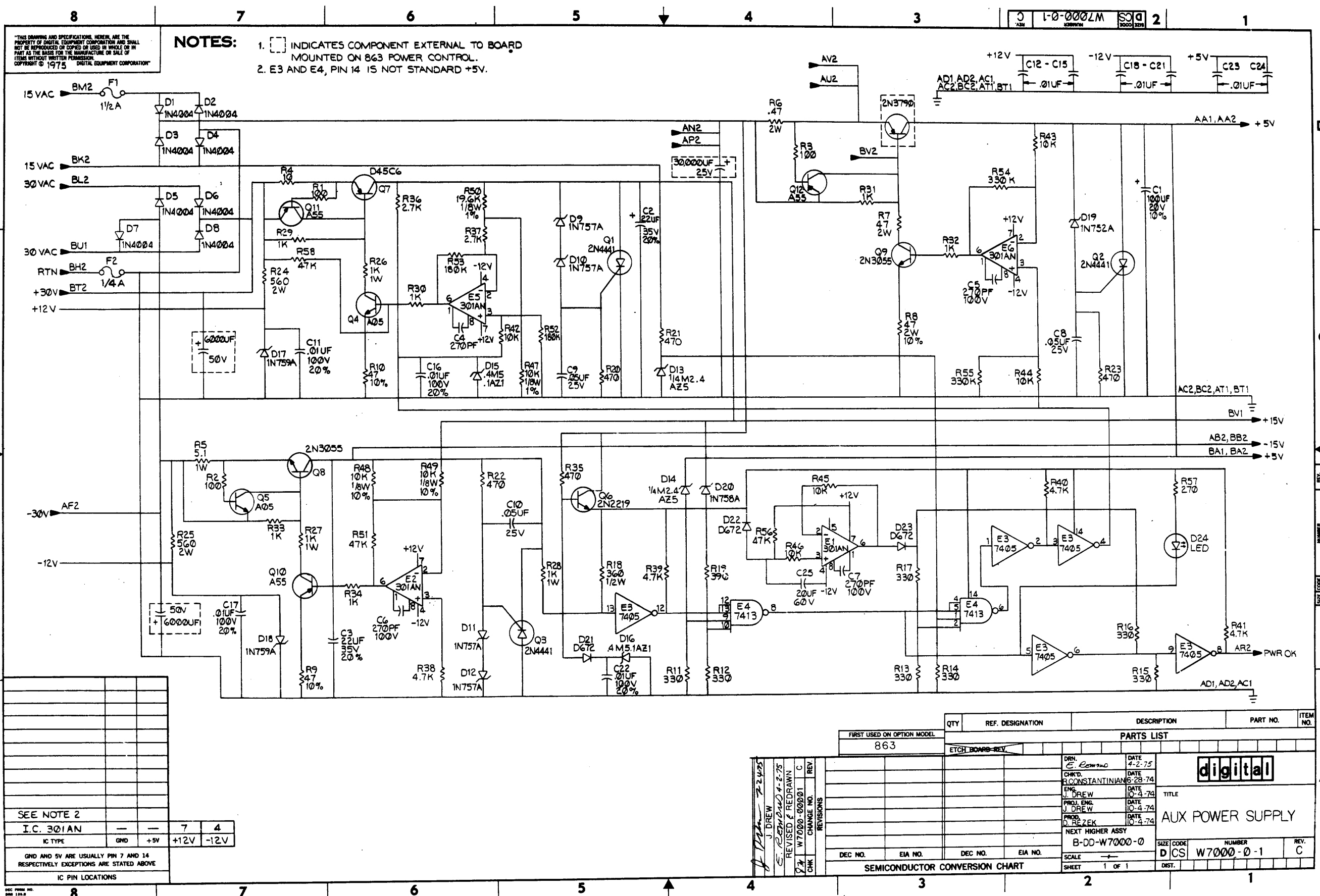


REF	PARTS LIST	DESCRIPTION	QTY
REF	X-Y	COORDINATE HOLE LOCATION	K-CO-W516-0-4 REF
REF	ASSY	DRILLING HOLE LAYOUT	D-AH-W516-0-5 REF
REF	MODULE	ECO HISTORY	B-MH-W516-0-6 REF
1		ETCHED CIRCUIT BOARD	5010621 1
9	C13C4,C1C5,C4,C6,C7,C16,C8	CAP, .01 MF, 100V, ±20%, DISC	1001610-01 2
2	C10,C12	CAP, 1.0MF, 35V, ±10%, TANT.	1001776 3
1	C11	CAP, 39 MF, 10V, ±10%, TANT.	1000076 4
4	C1,C2,C3,C15	CAP, 6.8 MF, 35V, ±10% TANT.	1005306 5
1	D3	DIODE, D-003, GERMANIUM	1100100 6
4	D2, D7, D9, D10	DIODE, D662	1100173 7
4	D6,D8,D13,D14	DIODE, D664	1100114 8
2	D4,D5	DIODE, IN759A, 12 V, ±5%, ZENER	1110836 9
2	D1,D12	DIODE, 0.4W, 5.1V, ±1%, ZENER	1105873 10
1	R11	RES, 909Ω, 1/8W, ±1% MF	1302685 11
6	D11, D15-D19	DIODE, IN4005	1110367 12
4	Q1,Q2,Q3,Q5	TRANSISTOR, SILICON, NPN, A05	1510705 13
1	Q4	TRANSISTOR, SILICON, PNP, A55	1510706 14
3	R1,R2B,R25	RES, 1 K, 1/4W, ±5% CC	1300365 15
2	R8,R17	RES, 5.1, 1/4W, ±5% CC	1300422 16
2	R5,R6	RES, 47, 1/4W, ±5% CC	1300202 17
1	R12	RES, 261, 1/8W, ±1% MF	1302873 18
1	R13	RES, 511, 1/8W, ±1% MF	1302411 19
1	R10	RES, 1.47K, 1/8W, ±1% MF	1305108 20
1	R14	RES, 1.21 K, 1/8W, ±1% MF	1302871 21
1	R9	RES, 9.09 K, 1/8W, ±1% MF	1300855 22
1	R2B	RES, 390, 1/4W, ±5% CC	1302384 23
1	R7	RES, 390, 1/4W, ±5% CC	1300309 24
1	R22	RES, 750, 1/4W, ±5% CC	1301401 25
2	R3,R4	RES, 1.5K, 1/4W, ±5% CC	1300391 26
3	R19,R30,R31	RES, 4.7K, 1/4W, ±5% CC	1300447 27
3	R15,R24,R32	RES, 10K, 1/4W, ±5% CC	1300474 28
1	R2	RES, 30K, 1/4W, ±5% CC	1302394 29
2	R16,R18	RES, 100K, 1/4W, ±5% CC	1302466 30
2	R21,R34	RES, 47K, 1/4W, ±5% CC	1302177 31
1	R26	VAR RES., 500, 34W, ±10%	130143-06 32
1	R27	VAR RES., 10K, 34W, ±10%	130143-10 33
1	R20	RES, 1.2K, 1/4W, ±5% CC	1301320 34
1	R33	RES, 3.3K, 1/4W, ±5% CC	1300439 35
1	R29	RES, 20K, 1/4W, ±5% CC	1302391 36
1	E2	IC DEC 9601	19009373 37
1	E1	IC DEC 75107B	1970268 38
1		HANDLE, FLIP CHIP, WHITE	9008937-3 39
2		EYELET	9006732 40

QTY	REF DESIGNATION	DESCRIPTION		PART NO.	ITEM NO.
PARTS LIST					
ETCH BOARD REV	D				
		ORIG S. J. Gole	DATE 8-1-73	 EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
		CHG'D (G. Lang)	DATE 10/2/73		
		ENG'D (G. Lang)	DATE 10/2/73		
		ALL DES (G. Lang)	DATE 10/2/73		
		PROD. (R. Raged)	DATE 10/11/73		
		NEXT HIGHER ASSY + +		TITLE AC LOW VOLTAGE DETECTOR	
DEC NO.	EIA NO.	SCALE + +	SIZE CODE DCS	NUMBER W516-0-1	REV. D
R CONVERSION CHART		SHEET 1 OF 2			

[illegible]





NOTES:

1. [] INDICATES COMPONENT EXTERNAL TO BOARD MOUNTED ON 863 POWER CONTROL.
2. E3 AND E4, PIN 14 IS NOT STANDARD +5V.

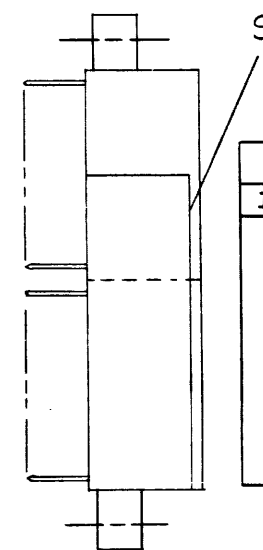
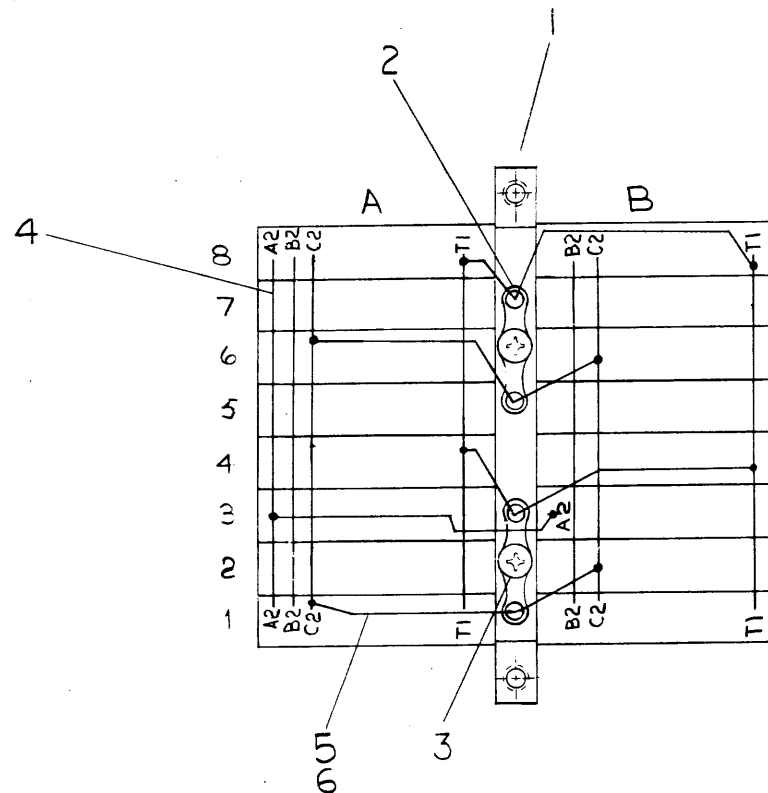
SEE NOTE 2				
I.C. 301AN	—	—	7	4
IC TYPE	GND	+5V	+12V	-12V
GND AND 5V ARE USUALLY PIN 7 AND 14 RESPECTIVELY EXCEPTIONS ARE STATED ABOVE				
IC PIN LOCATIONS				

QTY		REF. DESIGNATION		DESCRIPTION		PART NO.		ITEM NO.	
FIRST USED ON OPTION MODEL				PARTS LIST					
863				ETCH BOARD-REV.					
DRN.		E. REMOND		DATE		digital			
CHKD.		B. CONSTANTINIAN		DATE					
ENG.		J. DREW		DATE					
PROD. ENG.		J. DREW		DATE					
PROD.		D. REZEK		DATE					
NEXT HIGHER ASSY		B-DD-W7000-0		TITLE					
DEC NO.		EIA NO.		DEC NO.		EIA NO.		SIZE CODE NUMBER	
SEMICONDUCTOR CONVERSION CHART		SCALE		SHEET		1 OF 1		REV. C	
DIST.									

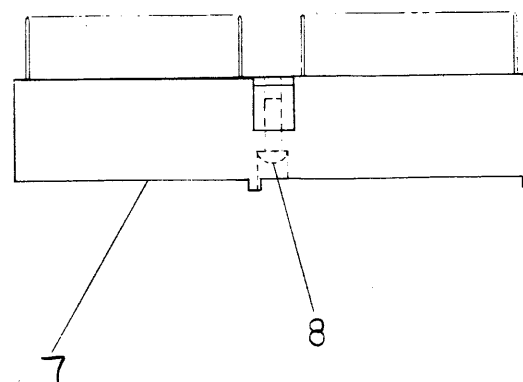
This drawing and specifications, herein, are the property of Digital Equipment Corporation and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission. COPYRIGHT © 1973
DIGITAL EQUIP CORP.

NOTES:

1. CONNECTIONS ON BUSSING ITEM 4-5 TO BE LOCATED AT MINIMUM PRACTICAL HEIGHT ABOVE BLOCKS.
2. USE YEL WIRE ITEM*10 FOR WRAPPING, PERFORMED PER WIRE LIST OF THIS DWG. USE ITEM*11 FOR TWP (NC HAND WRAP).
3. SLEEVE ITEMS 12, 13 & 14 WITH ITEM*15.



EXTERNAL COMPONENT TABLE						
ITEM	COMP	POL	FROM	TO	POL	REMARKS
118	RES		B1D2	D2T1		390 Ω
119	RES		B1A2	B1D2		180 Ω
						USE ITEMS 120 + 121 ALSO.



A/R	TUBING, TEFLON	9107256-10	15
4	TERMINAL 30 GA	9007655	14
1	RES. 390 1/4W 5%	1300309-00	13
1	RES. 180 1/4W 5%	1301322-00	12
REF	863 AWT REV STATUS	A-WT-7009632-0	REF
1 FT.	*30 AWG TWP SOLID INS BLK/WHT	9107720-09	11
25 FT.	*30 AWG SOLID YEL INS	9105740-44	10
1	LABEL, ADHESIVE BACK	9009255	9
4	SCR, PHL HD FIL *8-32*.625	9006210-6	8
2	CONN BLOCK 288 PIN *H803	E-5G1205348-0-0	7
1 FT.	TUBING, *22 WHT	9107265-09	6
2 FT.	BUS WIRE *22 AWG	9107560-01	5
3 FT.	BUS STRIP	1205541	4
2	SCR, PHL HDFIL *8-32*.38	9006418-1	3
2	TERMINAL *8 HOLE	9007597	2
1	MTG BAR CONN BLOCK	B-MD-7409755-0-0	1

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
863				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES				
DECIMALS	ANGLES			
XXX = .005	$\pm 0^\circ 30'$			
XX = .02				
X = .1				
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY				
MATERIAL	NEXT HIGHER ASSY.			
SEE PARTS LIST	E-UA-863-0-0			
FINISH	SCALE 1/1			
SHEET 1 OF 2		DIST.		

DRN	DATE	digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS
CHK'D	DATE	
ENG	DATE	
PROJ. ENG.	DATE	
TITLE		WIRED ASSY (CHASSIS 863 P.C.)
NEXT HIGHER ASSY.		
SIZE CODE	NUMBER	REV.
CAD	7009632-0-0	B

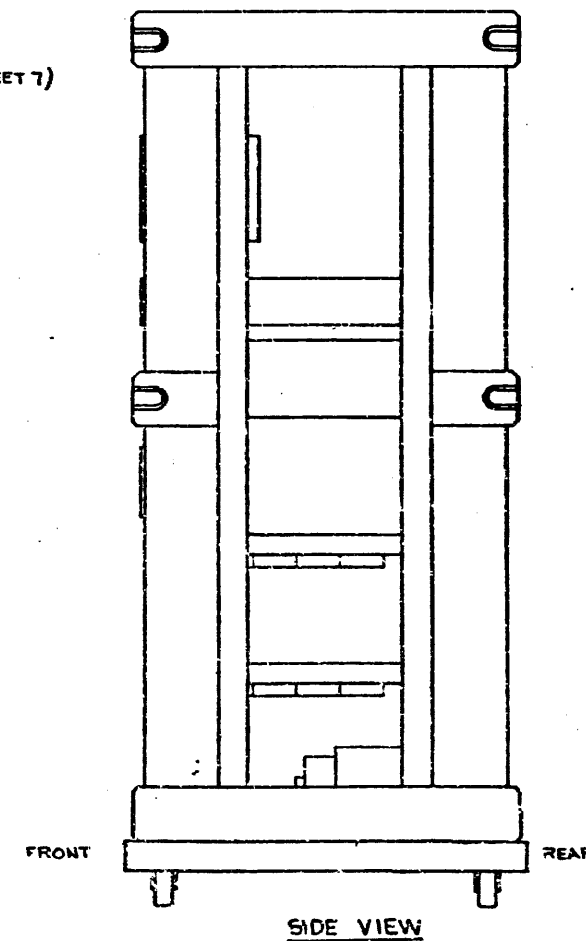
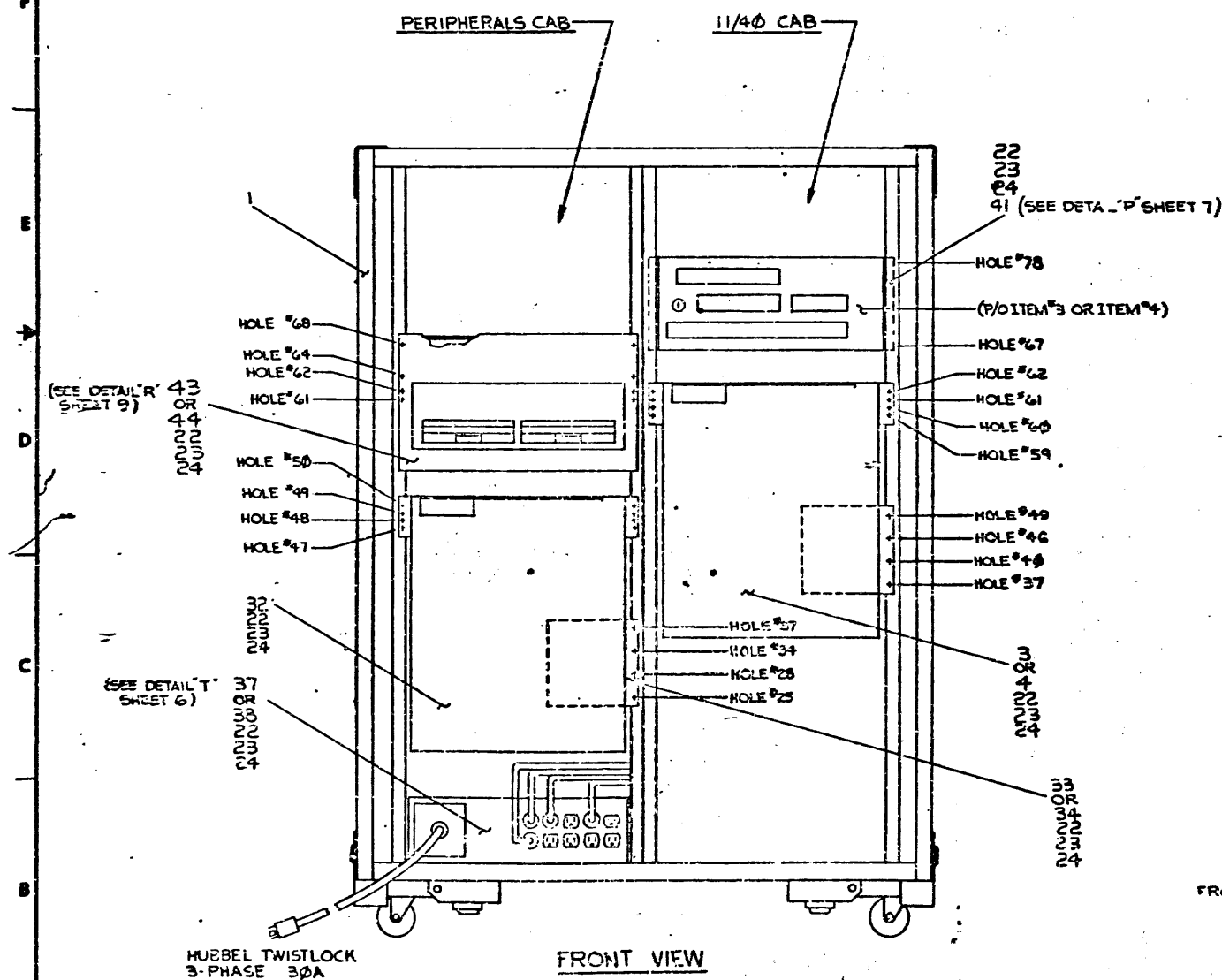
REV.	CHANGE NO.	DATE	BY
A	863-00003	10/30/73	J. DREW
B	863-00005	11/1/74	J. DREW

"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"

WIRE TABLE					REMARKS
ITEM NO	DESCRIPTION		FROM CONNECTION	TO CONNECTION	SIGNAL NAME
10	30	YEL	A01C1	A01C2	GND
			A01C2	A01D1	
			A01D1	A01D2	
			A03C2	A03K1	
			A04C2	A04M2	
			B04C2	B04D2	
			B04D2	B04E2	
			B04E2	B04F2	
			B04F2	B04H2	
			B04H2	B04J2	
			B04J2	B04K2	
			B04K2	B04L2	
			B04L2	B04M2	
			B04M2	B04P2	GND
			A01A1	A01A2	+ 5 VOLTS
			A01A2	B01A1	
			B01A1	B01A2	
			A04A2	A04P2	
			A04A2	A04R1	+ 5 VOLTS
			B01V1	A02C1	+15 VOLTS
			A02C1	B02C1	+15 VOLTS
			A03F1	A04J2	PHASE 1A
			A03H1	A04K1	PHASE 1B
			A03J1	A04K2	PHASE 2A
			A03J2	A04L1	PHASE 2B
			A03E2	A04L2	PHASE 3A
			A03D2	A04M1	PHASE 3B
			B01M2	A04D1	18 VAC A
			B01K2	A04D2	18 VAC B
			B01L2	A04E1	3Ø VAC A
			B01U1	A04E2	3Ø VAC B
			B01H2	A04F1	3Ø VAC RTN
			A01N2	A04H1	+18V RAW
			A01P2	A04H2	+18V RAW
			B01T2	A04J1	+ 3ØV RAW
			A01F2	A04F2	-3ØV RAW
			A02L2	B03J2	AIR FLOW A (L)
			A02C1	A03C1	+15V
			B04A2	A05A2	+5V
			A02M2	B03V2	PWR UP(L)
			B03V2	B04N2	PWR LED (L)
			B02V1	B03V1	MST PWR ON(H)
			B02D2	B01D2	PWR WARNING(L)
			B03T1	B02F2	GND
			B01T1	B02V2	GND

WIRE TABLE					
ITEM NO	DESCRIPTION		FROM	TO	REMARKS
	AWG	COLOR	CONNECTION	CONNECTION	SIGNAL NAME
10	30	YEL	B03J2	B04D1	AIR FLOW A (L)
↑	↑	↑	A02K2	B03L2	AIR FLOW B (L)
			B03L2	B04E1	AIR FLOW B (L)
			A02J2	B03W2	AIR FLOW C (L)
			B03W2	B04F1	AIR FLOW C (L)
			A02H2	B03N2	AIR FLOW D (L)
			B03N2	B04H1	AIR FLOW D (L)
			A02D2	B03R2	OVERTEMP (L)
			B03R2	B04J1	OVERTEMP (L)
			A02E2	B03S2	CKT BKR (L)
			B03S2	B04K1	CKT BKR (L)
			A02F2	B03T2	DOOR OPEN A (L)
			B03T2	B04L1	DOOR OPEN A (L)
			A02B1	B04M1	DOOR OPEN B (L)
			A01R2	A02W2	POWER UP (L)
			A02N2	B03A1	PWR REQUEST (L)
			B03A1	B04P1	PWR REQUEST (L)
			A02U2	B04N1	FAULT (L)
			A02A1	A03U1	AC LOW (H)
↓		↓	A02P2	A03K2	OVERRIDE (L)
10		YEL	A03K2	B03U1	OVERRIDE (L)
11		BLK/WHT	B03U1	B04R1	OVERRIDE (L)
↑		TWP	B02L2	B04S1	CROBAR (L)
		BLK/WHT	B02V2	B04S2	CROBAR RTN
		TWP	B02D2	B04U1	PWR WARNING (L)
↓		BLK/WHT	B02F2	B04U2	PWR WARNING RTN
11		TWP	A02R2	B04V1	PWR DOWN (L)
10		YEL	A02V2	B04V2	PWR DOWN RTN
10		↑	B01V2	A04P1	+5V DRIVE
10		↑	A01U2	A04N1	+18V
10		↑	A01V2	A04N2	+18V
10	30	YEL	A04N1	A04N2	+18V
12 & 14			B01A2	B01D2	+5V
13 & 14			B01D2	B02T1	GND

FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
863		PARTS LIST			
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES		DRN. M. G. G. G.	DATE	 DIGITAL EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS	
TOLERANCES		CHK'D.	DATE		
DECIMALS	ANGLES	ENG. M. G. G. G.	DATE 8/15/74	TITLE WIRED ASSY (CHASSIS 863 P.C.)	
...xx = .005 ...xx = .02 ...x = .1	:0° 30'	PROJ. ENG.	DATE 8/15/74		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY Y		PROD. K. G. G. G.	DATE 9/6/74		
MATERIAL		NEXT HIGHER ASSY.			
SEE PARTS LIST		E-UA-863-0-0		SIZE	CODE
				NUMBER	REV.
				C AD	B
				7009632-0-0	
FINISH		SCALE NONE			
		SHEET 2 OF 2			
		DIST.			



- NOTES:

1. REMOVE M930 "1-BUS TERMINATOR FROM SLOT -B39 OF THE MAIN-UP INSTALL IN ABP4 OF DDH-1-B.
2. REMOVE ALL M920 UNIBUS JUMPERS AND REPLACE WITH ITEM #12
3. LOOP EXCESS EXCEC-25 CABLE IN THE BOTTOM OF THE CABINET. A HES MODERN TEST CONNECTOR (ITEM #5 OF APPENDIX 2) IS REQUIRED FOR TESTING THIS OPTION AND SHOULD BE INCLUDED AS PART OF THE ACCESSORY'S PACKAGE WHEN SHIPPED.
4. THE 72292533-0 CONSOLE TO POWER CONTROL HARNESS (2 WIRE, 12 FEET) SHOULD NOT BE ROUTED WITH THE MAIN BODY HARNESS AS IS NORMALLY DONE BUT RATHER LEFT FREE OF ANY DRESSING VIA CABLE TIES BECAUSE IT WILL BE REMOVED AT THE NEXT HIGHER ASSY. END CONNECTIONS AT THIS LEVEL, HOWEVER MAY BE MADE NORMALLY.
5. REMOVE BOTH M468B MODULES FROM SLOTS E04 AND E05 AND THE M936B MODULE FROM SLOTS A07 IN THE RH11.
6. SEE THE 11440-A PRINT SET FOR PARTS LIST AND DETAILS OF CONSTRUCTION OF THIS SUBASSEMBLY.
7. KX11-D SHALL BE REMOVED FROM ITS NORMAL POSITION ON THE 11440 DRAWER AND PLACED DIRECTLY ABOVE THE DRAWER USING ITEM #14 STANDARD INTERCONNECTING CABLES SHALL BE REPLACED WITH ITEM #42.
8. ONE 6727 GRANT CONTINUITY MODULE IS REQUIRED IN EACH D SLOT NOT CONTAINING A SMALL PERIPHERAL CONTROLLER (NORMALLY SUPPLIED WITH DDH-1-B AND RH11-AB).
9. 6727 GRANT CONTINUITY MODULES NOT REQUIRED WITH UNITS WIRED TO WIRE LIST K-WL-7-11-0-12 OR HIGHER.
10. SHIPPING BRACKET (ITEM #16) MAY BE REMOVED AFTER SYSTEM HAS BEEN INSTALLED AT END USER SITE.
11. SHIP 11440 DECAL AND EXPANDER BOX DECAL LOOSE PIECE WITH JUNIT IN SAME BOX AS BEZEL AND SILK SCREEN.
12. THERE IS AN INTERLOCK ARRANGEMENT IN EFFECT BETWEEN THE STABILIZER ARMS AND THE 11440 AND PERIPHERAL DRAWERS. NEITHER DRAWER WILL SLIDE OUT UNTIL THE STABILIZER ARM ASSOCIATED WITH THAT DRAWER IS FULLY EXTENDED. BOTH STABILIZER ARMS SHOULD BE FULLY EXTENDED WHEN EITHER DRAWER IS PULLED OUT IN ORDER TO PROVIDE AN ADDED FACTOR OF SAFETY. REMOVE STABILIZER ARMS PRIOR TO SHIPPING AND PUT IN LOOSE PIECE BOX.
13. THE MOUNTING FLANGES OF THE RX01 CHASSIS SLIDES MUST BE MOUNTED ON THE INSIDE SURFACES OF THE VERTICAL MEMBERS OF THE CABINET USING THE NLT BARS THAT COME WITH THE SLIDE.
14. ITEMS 41 AND 42 NECESSARY FOR WIRING - 2 ONLY (2481 SYSTEMS). SEE DETAIL "H" FOR WIRING INSTRUCTIONS.
15. THE BC-1-A 2 CABLE (ITEM #6) SHOULD NOT BE INSTALLED. IT SHOULD BE INCLUDED AS A LOOSE PIECE ITEM FOR FUTURE INTEGRATION INTO THE NEXT HIGHER ASSEMBLY.
16. DO NOT PLUG IN "P2" OF THE DB14-A BUS REPEATER.

[illegible]

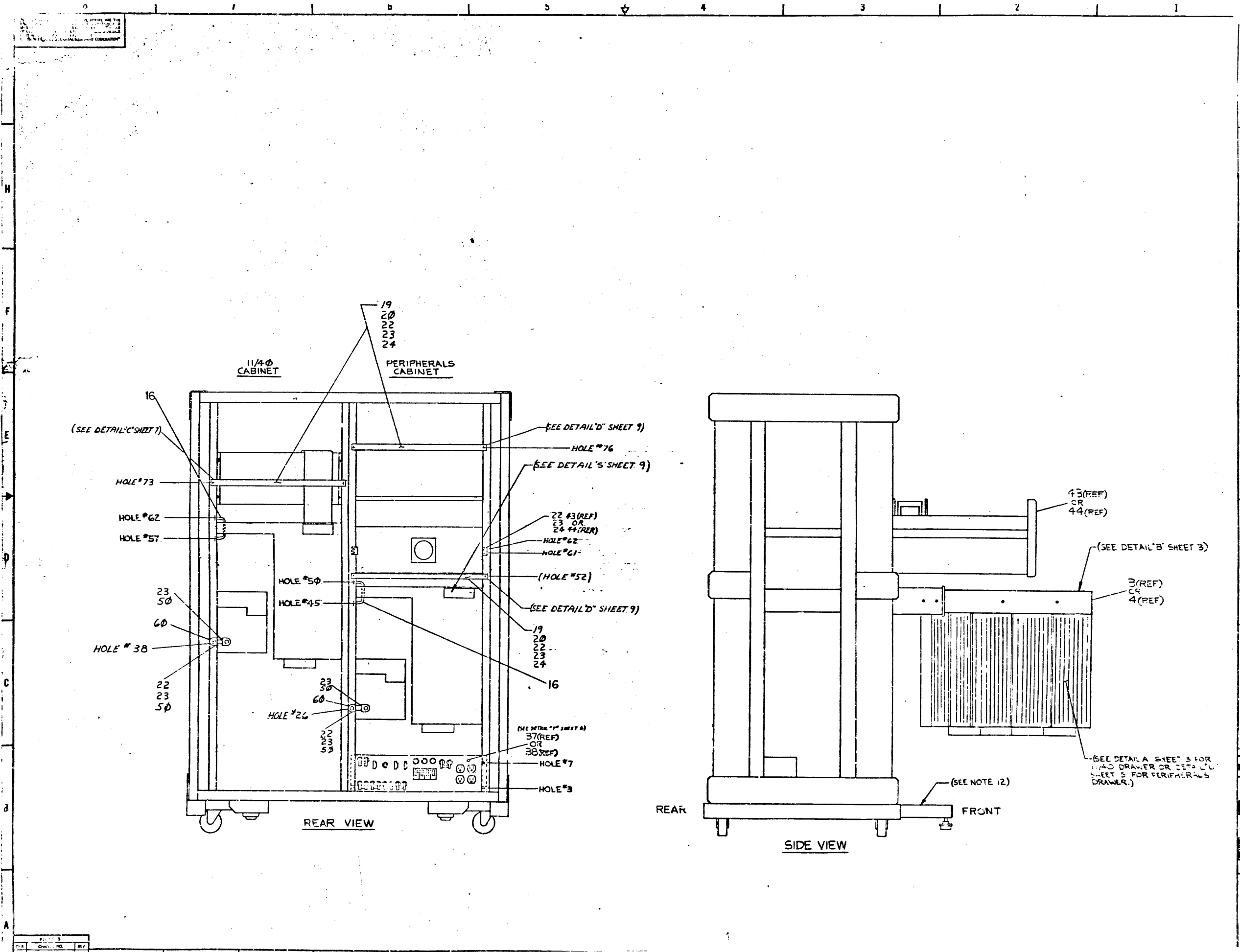
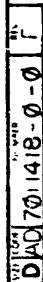
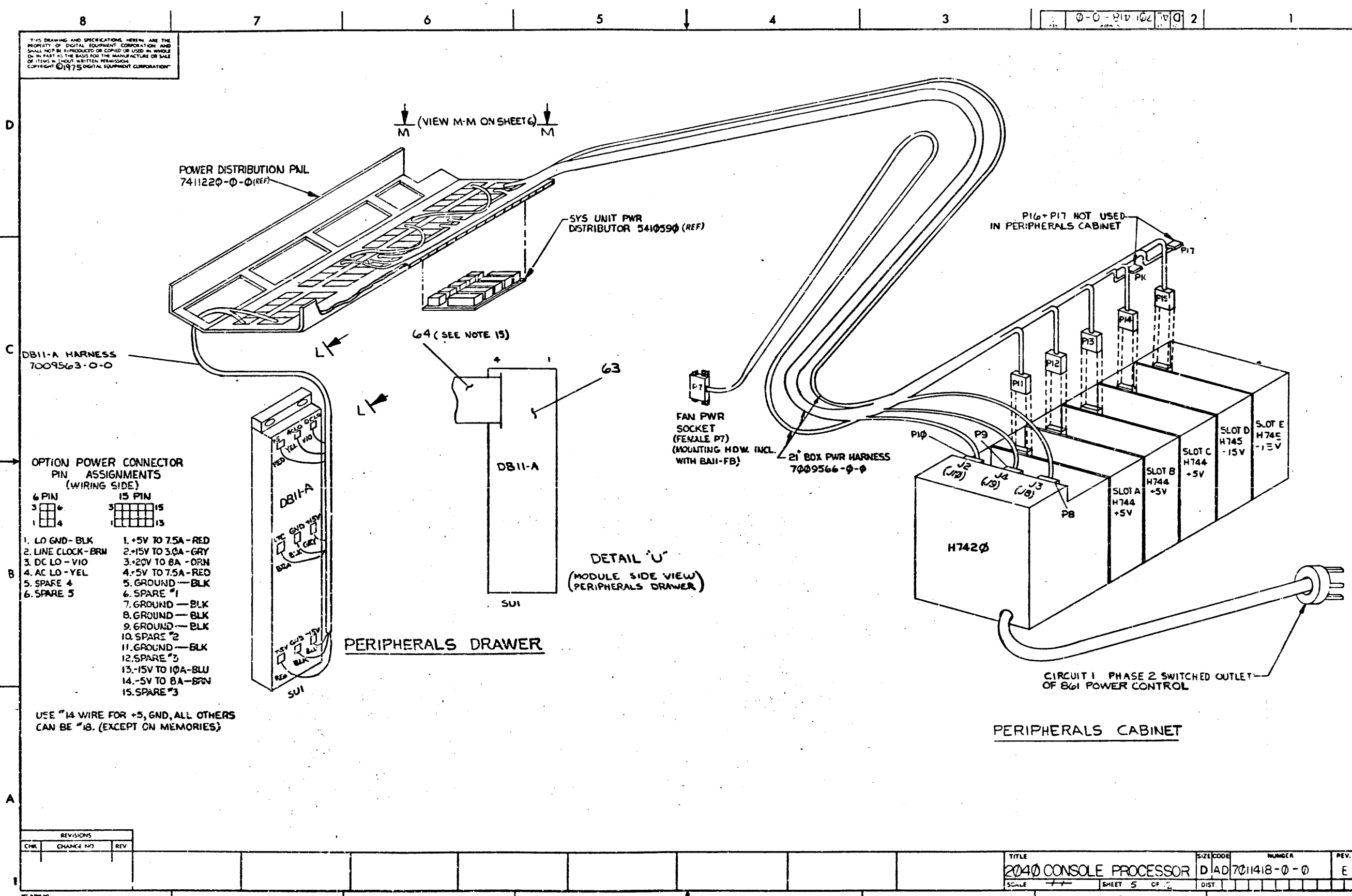


FIG. 3	REV.
1	



TITLE	SIZE	CODE	NUMBER	REV
2040 CONSOLE PROCESSOR	D	AD	721418-00	E
SCALE	SHEET	OF	DIST	
1:1	1	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 © 1975 DIGITAL EQUIPMENT CORPORATION



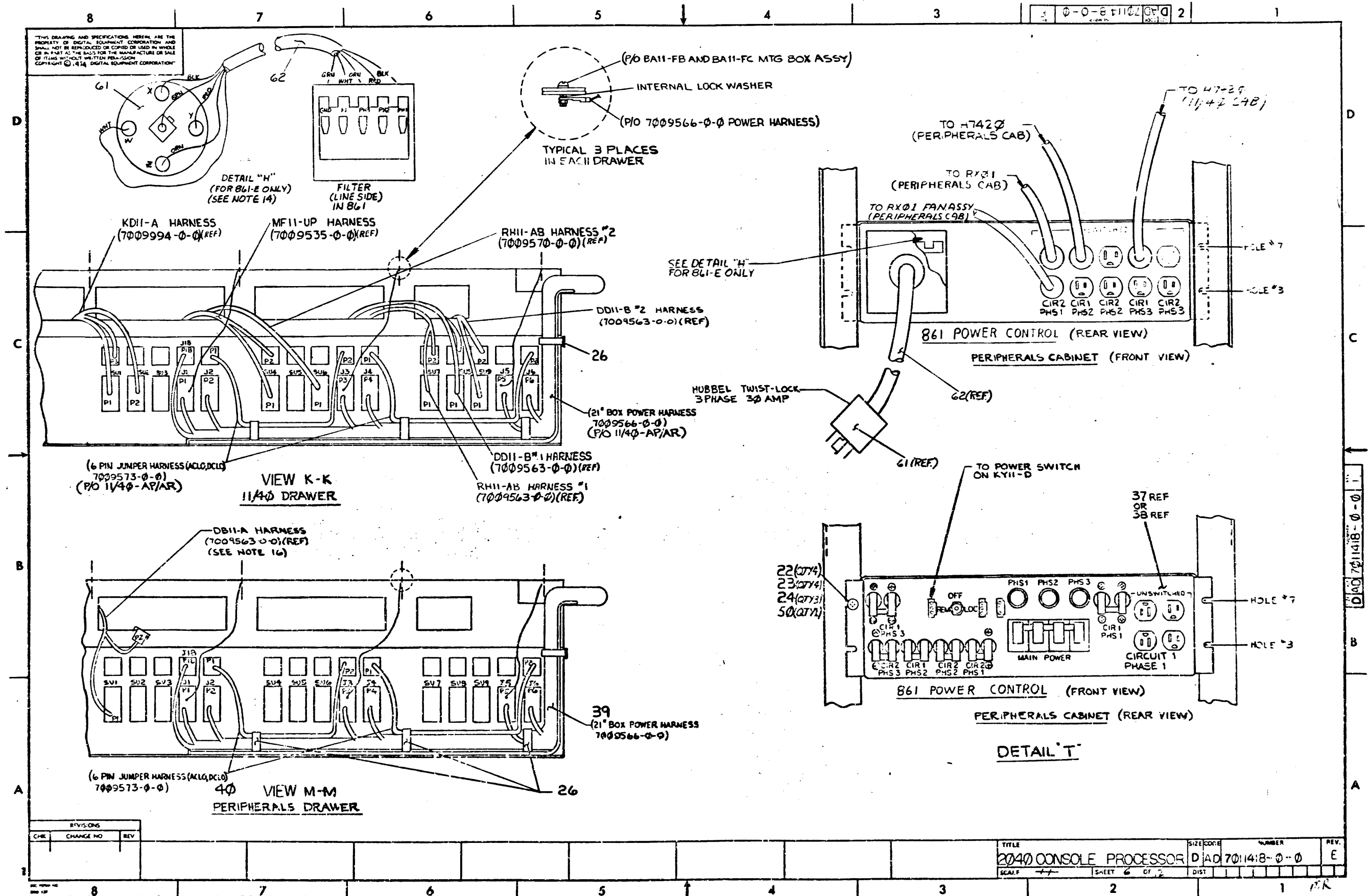
OPTION POWER CONNECTOR
 PIN ASSIGNMENTS
 (WIRING SIDE)

- | 6 PIN | 15 PIN |
|---------------------|-----------------------|
| 1. LO GND - BLK | 1. +5V TO 7.5A - RED |
| 2. LINE CLOCK - BRN | 2. +15V TO 3.0A - GRN |
| 3. DC LO - VIO | 3. +20V TO 8A - ORN |
| 4. AC LO - YEL | 4. +5V TO 7.5A - RED |
| 5. SPARE 4 | 5. GROUND - BLK |
| 6. SPARE 5 | 6. SPARE #1 |
| | 7. GROUND - BLK |
| | 8. GROUND - BLK |
| | 9. GROUND - BLK |
| | 10. SPARE #2 |
| | 11. GROUND - BLK |
| | 12. SPARE #3 |
| | 13. +15V TO 10A - BLU |
| | 14. -5V TO 8A - BRN |
| | 15. SPARE #3 |

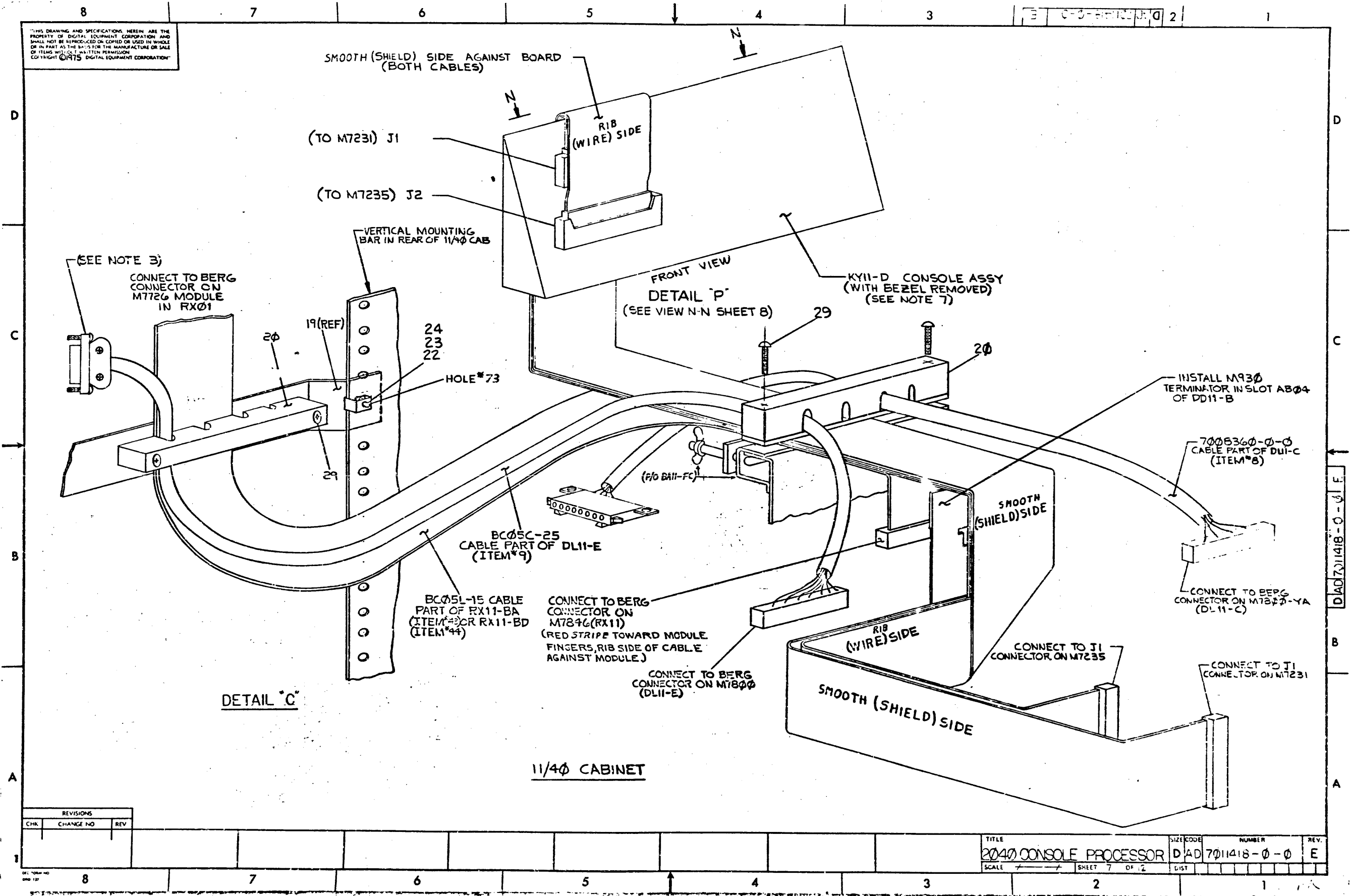
USE #14 WIRE FOR +5, GND, ALL OTHERS
 CAN BE #18. (EXCEPT ON MEMORIES)

REVISIONS		
CHK	CHANGE NO	REV

TITLE	SIZE CODE	NUMBER	REV.
2040 CONSOLE PROCESSOR	DAD	7011418-0-0	E
SCALE	SHEET	OF	
1	5	12	



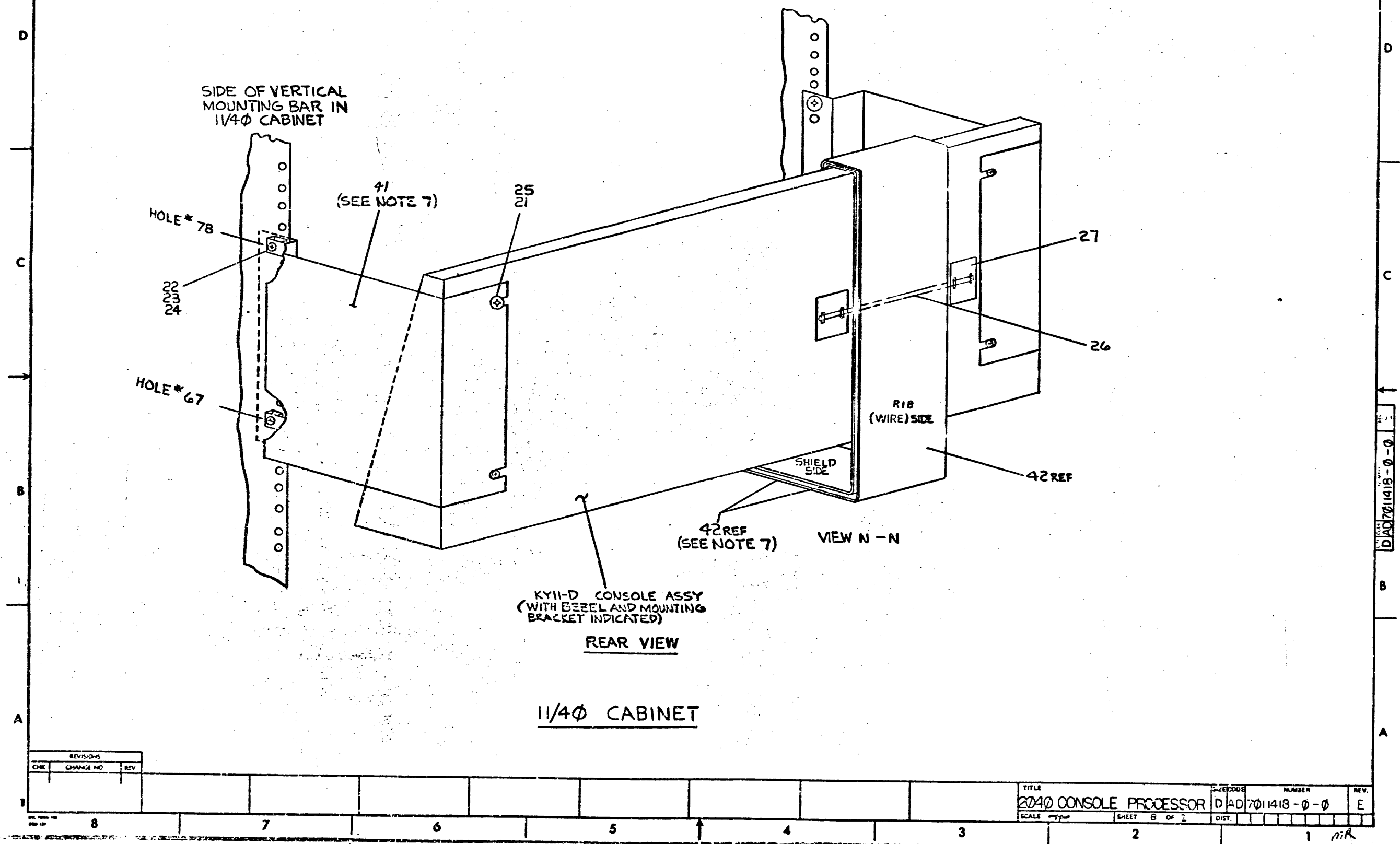
THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT THE WRITTEN PERMISSION OF DIGITAL EQUIPMENT CORPORATION



REVISIONS		
CHR	CHANGE NO	REV

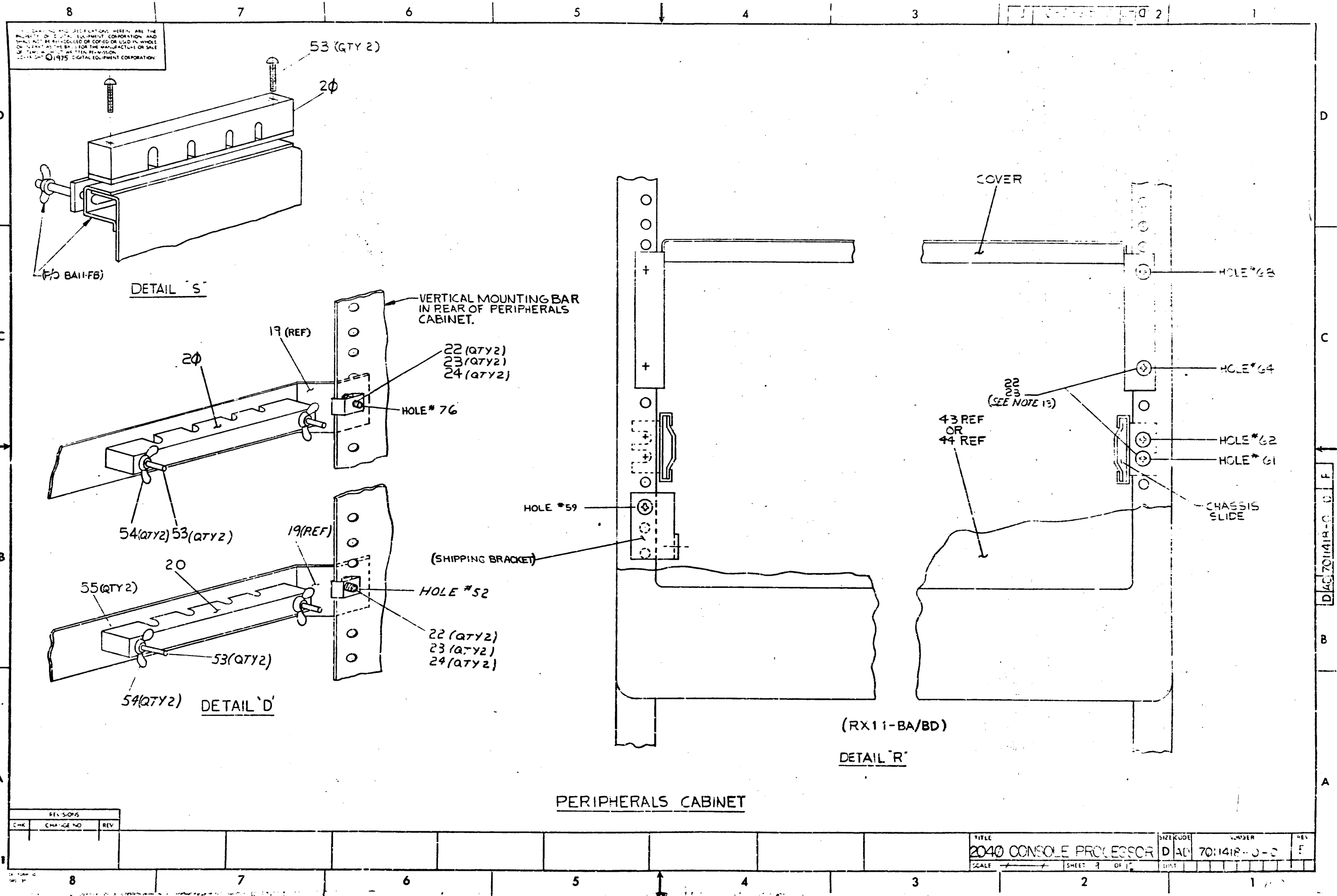
TITLE	2040 CONSOLE PROCESSOR	SIZE CODE	DAD7011418-0-0	NUMBER	7	OF	2	REV	E
SCALE	1" = 1"	SHEET	7	DIST					

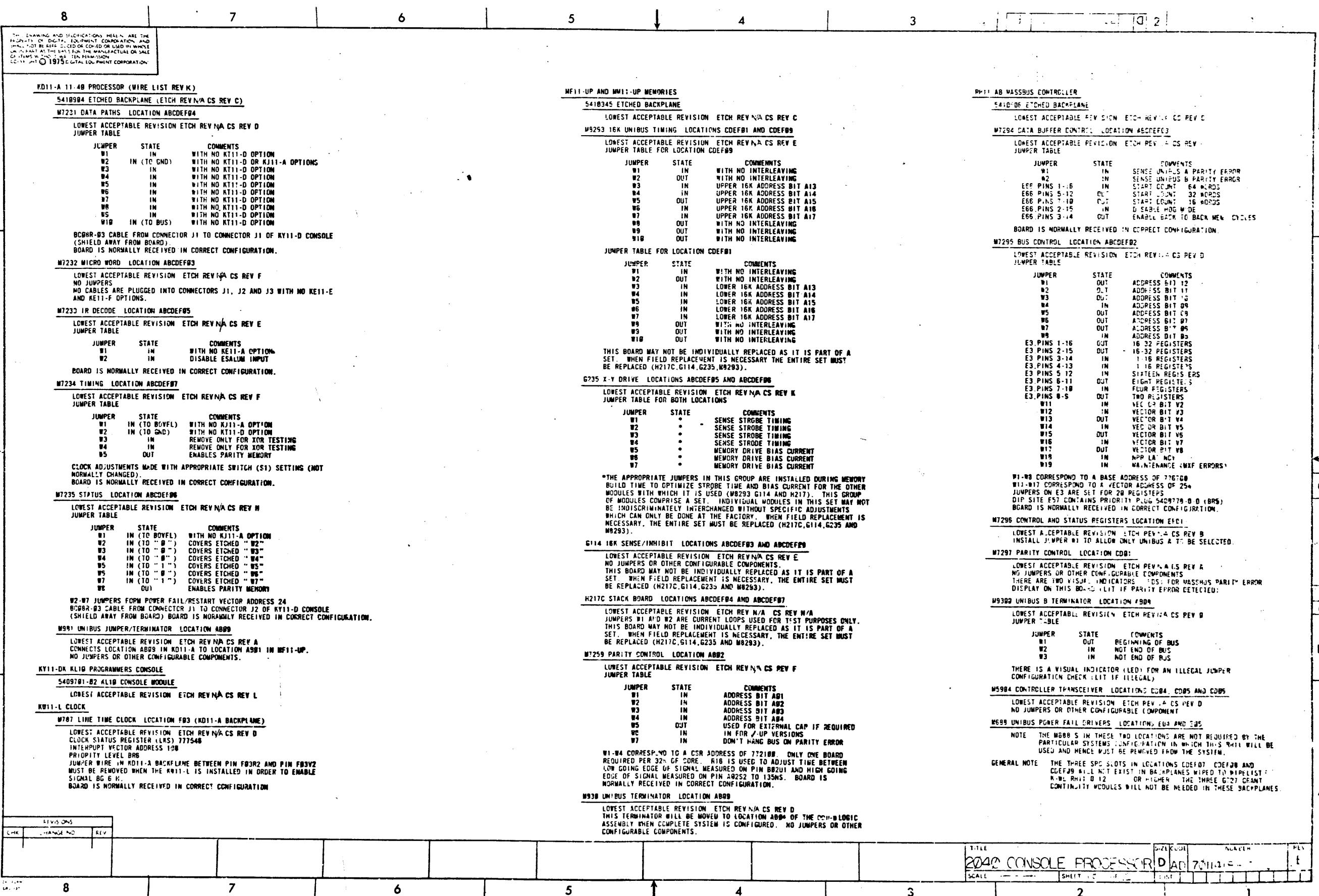
THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1975 DIGITAL EQUIPMENT CORPORATION



REVISIONS		
CHK	CHANGE NO	REV

TITLE		SIZE CODE	NUMBER	REV.
2040 CONSOLE PROCESSOR		DAD7011418-0-0	1	E
SCALE		SHEET 8 OF 2	DIST.	





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

KD11-A 11-40 PROCESSOR (WIRE LIST REV K)
5418984 ETCHED BACKPLANE (ETCH REV N/A CS REV C)
W7231 DATA PATHS LOCATION ABCDEF04
LOWEST ACCEPTABLE REVISION ETCH REV N/A CS REV D
JUMPER TABLE
JUMPER STATE COMMENTS
W1 IN WITH NO K111-D OPTION
W2 IN (TO GND) WITH NO K111-D OR K111-A OPTIONS
W3 IN WITH NO K111-D OPTION
W4 IN WITH NO K111-D OPTION
W5 IN WITH NO K111-D OPTION
W6 IN WITH NO K111-D OPTION
W7 IN WITH NO K111-D OPTION
W8 IN WITH NO K111-D OPTION
W9 IN WITH NO K111-D OPTION
W10 IN (TO BUS) WITH NO K111-D OPTION
BC08R-03 CABLE FROM CONNECTOR J1 TO CONNECTOR J1 OF KY11-D CONSOLE (SHIELD AWAY FROM BOARD).
BOARD IS NORMALLY RECEIVED IN CORRECT CONFIGURATION.
W7232 MICRO WORD LOCATION ABCDEF03
LOWEST ACCEPTABLE REVISION ETCH REV N/A CS REV F
NO JUMPERS
NO CABLES ARE PLUGGED INTO CONNECTORS J1, J2 AND J3 WITH NO K111-E AND K111-F OPTIONS.
W7233 IR DECODE LOCATION ABCDEF05
LOWEST ACCEPTABLE REVISION ETCH REV N/A CS REV E
JUMPER TABLE
JUMPER STATE COMMENTS
W1 IN WITH NO K111-A OPTION
W2 IN DISABLE ESALIM INPUT
BOARD IS NORMALLY RECEIVED IN CORRECT CONFIGURATION.
W7234 TIMING LOCATION ABCDEF07
LOWEST ACCEPTABLE REVISION ETCH REV N/A CS REV F
JUMPER TABLE
JUMPER STATE COMMENTS
W1 IN (TO BOVFL) WITH NO K111-A OPTION
W2 IN (TO GND) WITH NO K111-D OPTION
W3 IN REMOVE ONLY FOR XOR TESTING
W4 IN REMOVE ONLY FOR XOR TESTING
W5 OUT ENABLES PARITY MEMORY
CLOCK ADJUSTMENTS MADE WITH APPROPRIATE SWITCH (S1) SETTINGS (NOT NORMALLY CHANGED).
BOARD IS NORMALLY RECEIVED IN CORRECT CONFIGURATION.
W7235 STATUS LOCATION ABCDEF06
LOWEST ACCEPTABLE REVISION ETCH REV N/A CS REV H
JUMPER TABLE
JUMPER STATE COMMENTS
W1 IN (TO BOVFL) WITH NO K111-A OPTION
W2 IN (TO "0") COVERS ETCHED "W2"
W3 IN (TO "0") COVERS ETCHED "W3"
W4 IN (TO "0") COVERS ETCHED "W4"
W5 IN (TO "1") COVERS ETCHED "W5"
W6 IN (TO "0") COVERS ETCHED "W6"
W7 IN (TO "1") COVERS ETCHED "W7"
W8 OUT ENABLES PARITY MEMORY
W2-W7 JUMPERS FORM POWER FAIL/RESTART VECTOR ADDRESS 24
BC08R-03 CABLE FROM CONNECTOR J1 TO CONNECTOR J2 OF KY11-D CONSOLE (SHIELD AWAY FROM BOARD). BOARD IS NORMALLY RECEIVED IN CORRECT CONFIGURATION.
W591 UNIBUS JUMPER/TERMINATOR LOCATION ABB9
LOWEST ACCEPTABLE REVISION ETCH REV N/A CS REV A
CONNECTS LOCATION ABB9 IN KD11-A TO LOCATION ABB1 IN MF11-UP.
NO JUMPERS OR OTHER CONFIGURABLE COMPONENTS.
KY11-DK KL10 PROGRAMMERS CONSOLE
5409701-02 KL10 CONSOLE MODULE
LOWEST ACCEPTABLE REVISION ETCH REV N/A CS REV L
KW11-L CLOCK
W707 LINE TIME CLOCK LOCATION F03 (KD11-A BACKPLANE)
LOWEST ACCEPTABLE REVISION ETCH REV N/A CS REV D
CLOCK STATUS REGISTER (LRS) 777540
INTERRUPT VECTOR ADDRESS 100
PRIORITY LEVEL BR0
JUMPER WIRE IN KD11-A BACKPLANE BETWEEN PIN F03R2 AND PIN F03V2 MUST BE REMOVED WHEN THE KW11-L IS INSTALLED IN ORDER TO ENABLE SIGNAL BG 6 H.
BOARD IS NORMALLY RECEIVED IN CORRECT CONFIGURATION

MF11-UP AND MW11-UP MEMORIES
5418345 ETCHED BACKPLANE
LOWEST ACCEPTABLE REVISION ETCH REV N/A CS REV C
W5253 16K UNIBUS TIMING LOCATIONS CDEF01 AND CDEF09
LOWEST ACCEPTABLE REVISION ETCH REV N/A CS REV E
JUMPER TABLE FOR LOCATION CDEF09
JUMPER STATE COMMENTS
W1 IN WITH NO INTERLEAVING
W2 OUT WITH NO INTERLEAVING
W3 IN UPPER 16K ADDRESS BIT A13
W4 IN UPPER 16K ADDRESS BIT A14
W5 OUT UPPER 16K ADDRESS BIT A15
W6 IN UPPER 16K ADDRESS BIT A16
W7 IN UPPER 16K ADDRESS BIT A17
W8 OUT WITH NO INTERLEAVING
W9 OUT WITH NO INTERLEAVING
W10 OUT WITH NO INTERLEAVING
JUMPER TABLE FOR LOCATION CDEF01
JUMPER STATE COMMENTS
W1 IN WITH NO INTERLEAVING
W2 OUT WITH NO INTERLEAVING
W3 IN LOWER 16K ADDRESS BIT A13
W4 IN LOWER 16K ADDRESS BIT A14
W5 IN LOWER 16K ADDRESS BIT A15
W6 IN LOWER 16K ADDRESS BIT A16
W7 IN LOWER 16K ADDRESS BIT A17
W8 OUT WITH NO INTERLEAVING
W9 OUT WITH NO INTERLEAVING
W10 OUT WITH NO INTERLEAVING
THIS BOARD MAY NOT BE INDIVIDUALLY REPLACED AS IT IS PART OF A SET. WHEN FIELD REPLACEMENT IS NECESSARY THE ENTIRE SET MUST BE REPLACED (H217C, G114, G235, W5293).
G735 X-Y DRIVE LOCATIONS ABCDEF05 AND ABCDEF06
LOWEST ACCEPTABLE REVISION ETCH REV N/A CS REV K
JUMPER TABLE FOR BOTH LOCATIONS
JUMPER STATE COMMENTS
W1 * SENSE STROBE TIMING
W2 * SENSE STROBE TIMING
W3 * SENSE STROBE TIMING
W4 * SENSE STROBE TIMING
W5 * MEMORY DRIVE BIAS CURRENT
W6 * MEMORY DRIVE BIAS CURRENT
W7 * MEMORY DRIVE BIAS CURRENT
*THE APPROPRIATE JUMPERS IN THIS GROUP ARE INSTALLED DURING MEMORY BUILD TIME TO OPTIMIZE STROBE TIME AND BIAS CURRENT FOR THE OTHER MODULES WITH WHICH IT IS USED (W5293, G114 AND H217). THIS GROUP OF MODULES COMPRISE A SET. INDIVIDUAL MODULES IN THIS SET MAY NOT BE INDISCRIMINATELY INTERCHANGED WITHOUT SPECIFIC ADJUSTMENTS WHICH CAN ONLY BE DONE AT THE FACTORY. WHEN FIELD REPLACEMENT IS NECESSARY, THE ENTIRE SET MUST BE REPLACED (H217C, G114, G235 AND W5293).
G114 16K SENSE/INHIBIT LOCATIONS ABCDEF03 AND ABCDEF09
LOWEST ACCEPTABLE REVISION ETCH REV N/A CS REV E
NO JUMPERS OR OTHER CONFIGURABLE COMPONENTS.
THIS BOARD MAY NOT BE INDIVIDUALLY REPLACED AS IT IS PART OF A SET. WHEN FIELD REPLACEMENT IS NECESSARY, THE ENTIRE SET MUST BE REPLACED (H217C, G114, G235 AND W5293).
H217C STACK BOARD LOCATIONS ABCDEF04 AND ABCDEF07
LOWEST ACCEPTABLE REVISION ETCH REV N/A CS REV N/A
JUMPERS W1 AND W2 ARE CURRENT LOOPS USED FOR TEST PURPOSES ONLY. THIS BOARD MAY NOT BE INDIVIDUALLY REPLACED AS IT IS PART OF A SET. WHEN FIELD REPLACEMENT IS NECESSARY, THE ENTIRE SET MUST BE REPLACED (H217C, G114, G235 AND W5293).
W5259 PARITY CONTROL LOCATION ABB2
LOWEST ACCEPTABLE REVISION ETCH REV N/A CS REV F
JUMPER TABLE
JUMPER STATE COMMENTS
W1 IN ADDRESS BIT A01
W2 IN ADDRESS BIT A02
W3 IN ADDRESS BIT A03
W4 IN ADDRESS BIT A04
W5 OUT USED FOR EXTERNAL CAP IF REQUIRED
W6 IN IN FOR /-UP VERSIONS
W7 IN DON'T HANG BUS ON PARITY ERROR
W1-W4 CORRESPOND TO A CSR ADDRESS OF 772100. ONLY ONE BOARD REQUIRED PER 32K OF CORE. R18 IS USED TO ADJUST TIME BETWEEN LOW GOING EDGE OF SIGNAL MEASURED ON PIN B02U1 AND HIGH GOING EDGE OF SIGNAL MEASURED ON PIN A02S2 TO 135NS. BOARD IS NORMALLY RECEIVED IN CORRECT CONFIGURATION.
W530 UNIBUS TERMINATOR LOCATION ABB9
LOWEST ACCEPTABLE REVISION ETCH REV N/A CS REV D
THIS TERMINATOR WILL BE MOVED TO LOCATION ABB4 OF THE COM-B LOGIC ASSEMBLY WHEN COMPLETE SYSTEM IS CONFIGURED. NO JUMPERS OR OTHER CONFIGURABLE COMPONENTS.

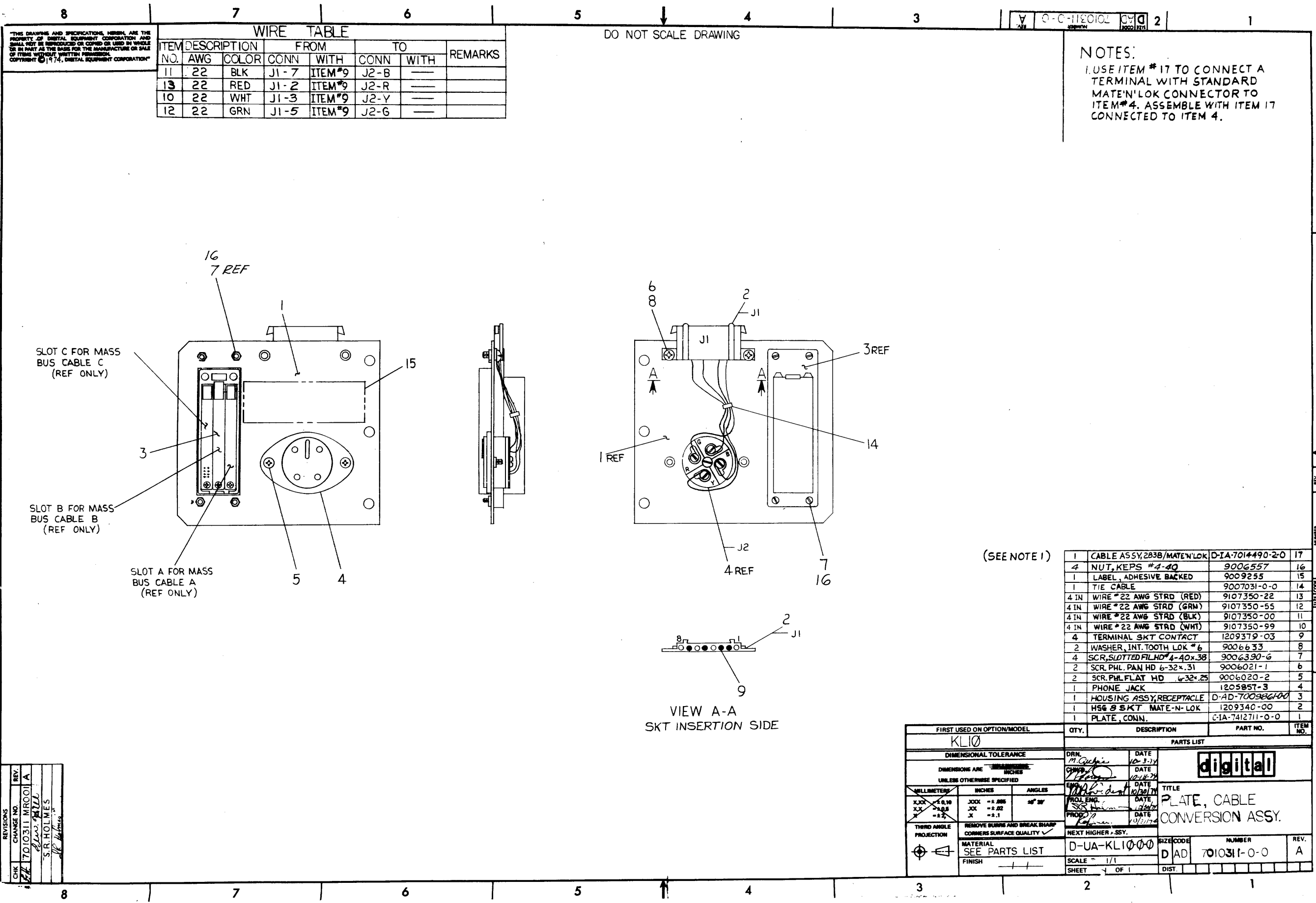
PH11 AB MASSBUS CONTROLLER
541806 ETCHED BACKPLANE
LOWEST ACCEPTABLE REVISION ETCH REV N/A CS REV D
W7294 DATA BUFFER CONTROL LOCATION ABCDEF03
LOWEST ACCEPTABLE REVISION ETCH REV N/A CS REV
JUMPER TABLE
JUMPER STATE COMMENTS
W1 IN SENSE UNIBUS A PARITY ERROR
W2 IN SENSE UNIBUS B PARITY ERROR
EEP PINS 1-16 IN START COUNT 64 WORDS
EEP PINS 5-12 OUT START COUNT 32 WORDS
EEP PINS 7-10 OUT START COUNT 16 WORDS
EEP PINS 2-15 IN DENABLE HOG MODE
EEP PINS 3-14 OUT ENABLE BACK TO BACK NEW CYCLES
BOARD IS NORMALLY RECEIVED IN CORRECT CONFIGURATION.
W7295 BUS CONTROL LOCATION ABCDEF02
LOWEST ACCEPTABLE REVISION ETCH REV N/A CS REV D
JUMPER TABLE
JUMPER STATE COMMENTS
W1 OUT ADDRESS BIT 12
W2 OUT ADDRESS BIT 17
W3 OUT ADDRESS BIT 10
W4 IN ADDRESS BIT 09
W5 OUT ADDRESS BIT C9
W6 OUT ADDRESS BIT 07
W7 OUT ADDRESS BIT 06
W8 IN ADDRESS BIT B0
E3 PINS 1-16 OUT 16 32 REGISTERS
E3 PINS 2-15 OUT 16 32 REGISTERS
E3 PINS 3-14 IN 1 16 REGISTERS
E3 PINS 4-13 IN 1 16 REGISTERS
E3 PINS 5-12 IN SIXTEEN REGISTERS
E3 PINS 6-11 OUT EIGHT REGISTERS
E3 PINS 7-10 IN FOUR REGISTERS
E3 PINS 8-5 OUT TWO REGISTERS
W11 IN VEC OR BIT V2
W12 IN VECTOR BIT V3
W13 OUT VECTOR BIT V4
W14 IN VEC OR BIT V5
W15 OUT VECTOR BIT V6
W16 IN VECTOR BIT V7
W17 OUT VECTOR BIT V8
W18 IN NPP LA NCI
W19 IN MAINTENANCE (MXF ERRORS)
W1-W8 CORRESPOND TO A BASE ADDRESS OF 776700
W11-W17 CORRESPOND TO A VECTOR ADDRESS OF 254
JUMPERS ON E3 ARE SET FOR 20 REGISTERS
DIP SITE E57 CONTAINS PRIORITY PUG 5409770-0 0 (BRS)
BOARD IS NORMALLY RECEIVED IN CORRECT CONFIGURATION.
W7296 CONTROL AND STATUS REGISTERS LOCATION EFC1
LOWEST ACCEPTABLE REVISION ETCH REV N/A CS REV B
INSTALL JUMPER W1 TO ALLOW ONLY UNIBUS A TO BE SELECTED.
W7297 PARITY CONTROL LOCATION CDB1
LOWEST ACCEPTABLE REVISION ETCH REV N/A CS REV A
NO JUMPERS OR OTHER CONFIGURABLE COMPONENTS
THERE ARE TWO VISUAL INDICATORS (LED) FOR MASSBUS PARITY ERROR DISPLAY ON THIS BOARD (LIT IF PARITY ERROR DETECTED).
W5300 UNIBUS B TERMINATOR LOCATION ABB4
LOWEST ACCEPTABLE REVISION ETCH REV N/A CS REV B
JUMPER TABLE
JUMPER STATE COMMENTS
W1 OUT BEGINNING OF BUS
W2 IN NOT END OF BUS
W3 IN NOT END OF BUS
THERE IS A VISUAL INDICATOR (LED) FOR AN ILLEGAL JUMPER CONFIGURATION CHECK (LIT IF ILLEGAL).
W5984 CONTROLLER TRANSCEIVER LOCATIONS CDB4, CDB5 AND CDB6
LOWEST ACCEPTABLE REVISION ETCH REV N/A CS REV D
NO JUMPERS OR OTHER CONFIGURABLE COMPONENT
W609 UNIBUS POWER FAIL DRIVERS LOCATIONS E04 AND E05
NOTE THE W609 S IN THESE TWO LOCATIONS ARE NOT REQUIRED BY THE PARTICULAR SYSTEMS CONFIGURATION IN WHICH THIS UNIT WILL BE USED AND HENCE MUST BE REMOVED FROM THE SYSTEM.
GENERAL NOTE THE THREE SPD SLOTS IN LOCATIONS CDEF07, CDEF08 AND CDEF09 WILL NOT EXIST IN BACKPLANES WIRED TO PIPELIST N-WL RH10 12 OR HIGHER THE THREE G727 GRANT CONTINUITY MODULES WILL NOT BE NEEDED IN THESE BACKPLANES.

15

A

H771 POWER SUPPLY REGULATOR (5411320)
 LOWEST ACCEPTABLE REVISION ETCH REV 1A CS REV C

TITLE	SHEET NO.	NUMBER	REV.
2040 CONSOLE PROFILES	D-10	201-115-C-0	E
SCALE	SHEET 12 OF 12	DATE	



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

WIRE TABLE							
ITEM NO.	AWG	COLOR	FROM	TO	WITH	WITH	REMARKS
11	22	BLK	J1-7	ITEM*9	J2-B	---	
13	22	RED	J1-2	ITEM*9	J2-R	---	
10	22	WHT	J1-3	ITEM*9	J2-Y	---	
12	22	GRN	J1-5	ITEM*9	J2-G	---	

DO NOT SCALE DRAWING

NOTES:
1. USE ITEM *17 TO CONNECT A TERMINAL WITH STANDARD MATE'N'LOK CONNECTOR TO ITEM*4. ASSEMBLE WITH ITEM 17 CONNECTED TO ITEM 4.

(SEE NOTE 1)

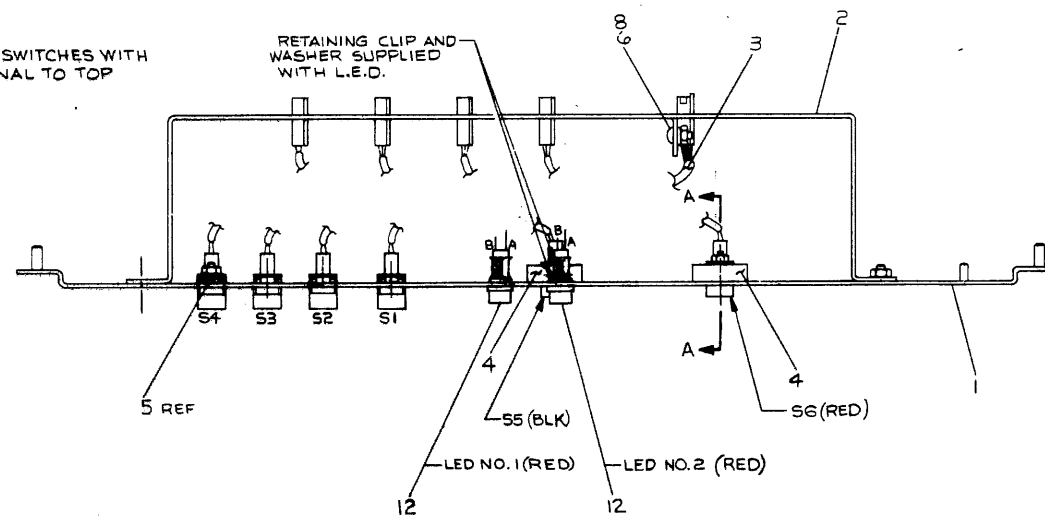
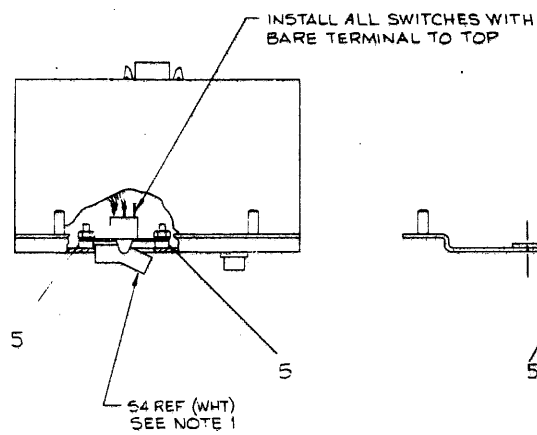
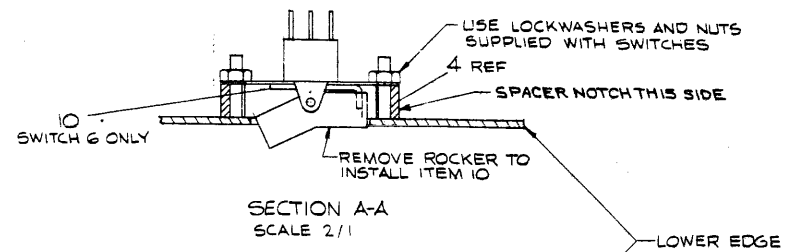
1	CABLE ASSY, 2838/MATE'N'LOK	D-1A-7014490-2-0	17
4	NUT, KEPS #4-40	9006557	16
1	LABEL, ADHESIVE BACKED	9009255	15
1	TIE CABLE	9007031-0-0	14
4 IN	WIRE #22 AWG STRD (RED)	9107350-22	13
4 IN	WIRE #22 AWG STRD (GRN)	9107350-55	12
4 IN	WIRE #22 AWG STRD (BLK)	9107350-00	11
4 IN	WIRE #22 AWG STRD (WHT)	9107350-99	10
4	TERMINAL SKT CONTACT	1209379-03	9
2	WASHER, INT. TOOTH LOK #6	9006633	8
4	SCR, SLOTTED FIL HD #4-40x.38	9006390-6	7
2	SCR, PHL PAN HD 6-32x.31	9006021-1	6
2	SCR, PHL FLAT HD 6-32x.25	9006020-2	5
1	PHONE JACK	120585T-3	4
1	HOUSING ASSY, RECEPTACLE	D-AD-700986H00	3
1	HSG & SKT MATE-N-LOK	1209340-00	2
1	PLATE, CONN.	C-1A-7412711-0-0	1

FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
KL10					
DIMENSIONAL TOLERANCE		DRN.	DATE	digital	
DIMENSIONS ARE IN INCHES		10-3-74	10-3-74		
UNLESS OTHERWISE SPECIFIED		DATE	DATE		
MILLIMETERS	INCHES	ANGLES			
X JOCK ±0.10	JOCK ±0.008	±0°30'			
X X ±0.05	X ±0.02				
X X ±0.2	X ±0.1				
THIRD ANGLE PROJECTION	REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓	DATE	DATE	TITLE	
		10/24/74	10/24/74	PLATE, CABLE CONVERSION ASSY.	
MATERIAL SEE PARTS LIST	FINISH	DATE	DATE	SIZE CODE	
		10/24/74	10/24/74	D AD 7010311-0-0	
SCALE 1/1		SHEET 1 OF 1		REV. A	

REVISIONS	CHANGE NO.	REV.
1	7010311 MROOII A	A
2	7010311 MROOII A	A
3	7010311 MROOII A	A
4	7010311 MROOII A	A
5	7010311 MROOII A	A
6	7010311 MROOII A	A
7	7010311 MROOII A	A
8	7010311 MROOII A	A

THE 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

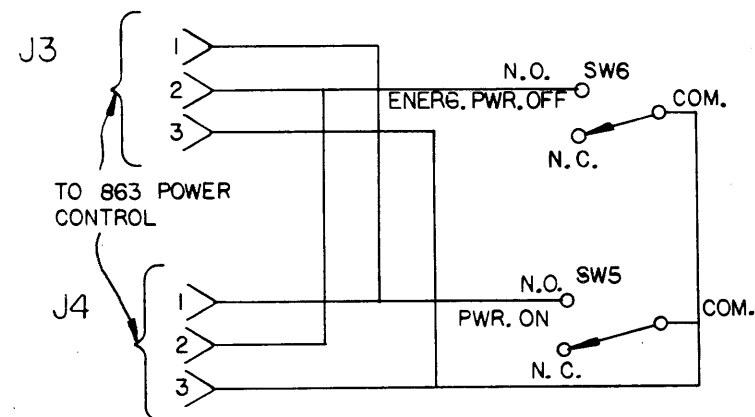
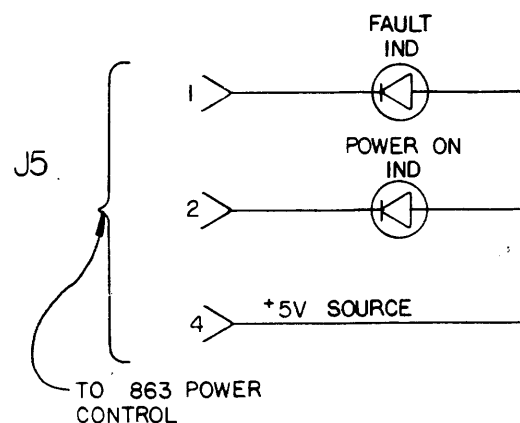
NOTES:
1. SWITCHES 1 THRU 4 (WHT)
IDENTIFIED WITH NUMERALS
1 THRU 4.



2	L.E.D. (RED)	1212149-0	12
1	LABEL, ADHESIVE BACK	9004255	1
1	LOCK, SWITCH	B-MD-741380-0-0	10
1	DECAL, PWR COIN, W/TKR	DCM07673-0	9
2	SOZ. PHIL PAN H/4-32-38LG	9006022-1	8
4	NUT, KEPS #8-32	9006563	7
2	NUT, KEPS #4-32	9006564	6
8	SPACER, HEX #4-12 LG	9006283	5
2	SPACER	B-MD-741143-0	4
1	HARNES, SWITCH PANEL	EJA-701640-0-0	3
1	CHASSIS, SWITCH PANEL	B-MD-741541-0-0	2
1	PLATE, SWITCH MOUNTING	D-4-741450-0	1

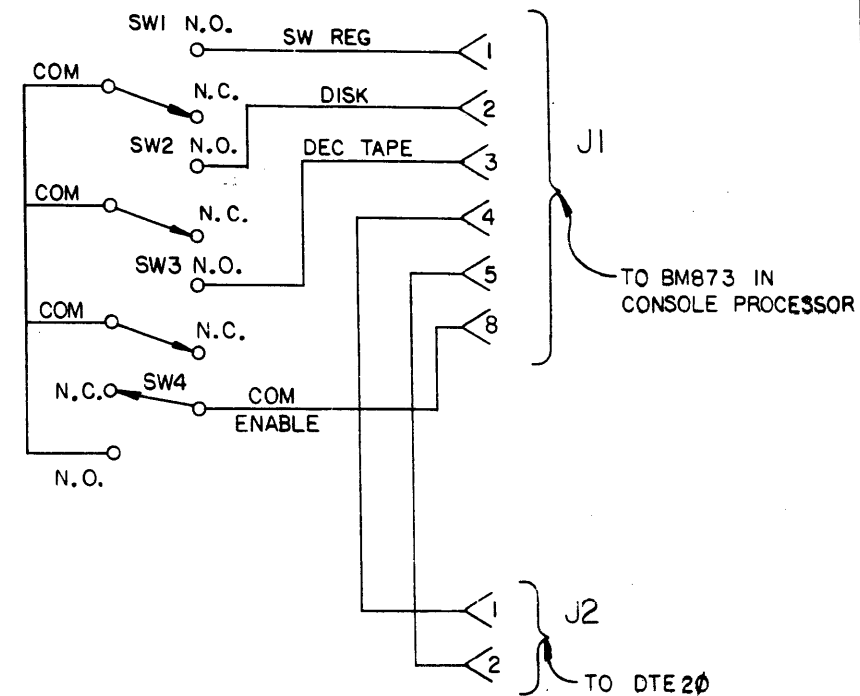
1		PLATE NO.		DESCRIPTION		DWG. PART NO.		ITEM NO.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES									
ANGLE NOT TO SCALE		CLASS OF ACCURACY (ENGLISH UNIT)		TOLERANCES RAISED FROM					
		FRACTION		DECIMAL		HOLE		TAP	
		1/16		.005		.005		.005	
		1/32		.002		.002		.002	
		1/64		.001		.001		.001	
		1/128		.0005		.0005		.0005	
		1/256		.0002		.0002		.0002	
		1/512		.0001		.0001		.0001	
		1/1024		.00005		.00005		.00005	
		1/2048		.00002		.00002		.00002	
		1/4096		.00001		.00001		.00001	
		1/8192		.000005		.000005		.000005	
		1/16384		.000002		.000002		.000002	
		1/32768		.000001		.000001		.000001	
		1/65536		.0000005		.0000005		.0000005	
		1/131072		.0000002		.0000002		.0000002	
		1/262144		.0000001		.0000001		.0000001	
		1/524288		.00000005		.00000005		.00000005	
		1/1048576		.00000002		.00000002		.00000002	
		1/2097152		.00000001		.00000001		.00000001	
		1/4194304		.000000005		.000000005		.000000005	
		1/8388608		.000000002		.000000002		.000000002	
		1/16777216		.000000001		.000000001		.000000001	
		1/33554432		.0000000005		.0000000005		.0000000005	
		1/67108864		.0000000002		.0000000002		.0000000002	
		1/134217728		.0000000001		.0000000001		.0000000001	
		1/268435456		.00000000005		.00000000005		.00000000005	
		1/536870912		.00000000002		.00000000002		.00000000002	
		1/1073741824		.00000000001		.00000000001		.00000000001	
		1/2147483648		.000000000005		.000000000005		.000000000005	
		1/4294967296		.000000000002		.000000000002		.000000000002	
		1/8589934592		.000000000001		.000000000001		.000000000001	
		1/17179869184		.0000000000005		.0000000000005		.0000000000005	
		1/34359738368		.0000000000002		.0000000000002		.0000000000002	
		1/68719476736		.0000000000001		.0000000000001		.0000000000001	
		1/137438953472		.00000000000005		.00000000000005		.00000000000005	
		1/274877906944		.00000000000002		.00000000000002		.00000000000002	
		1/549755813888		.00000000000001		.00000000000001		.00000000000001	
		1/1099511627776		.000000000000005		.000000000000005		.000000000000005	
		1/2199023255552		.000000000000002		.000000000000002		.000000000000002	
		1/4398046511104		.000000000000001		.000000000000001		.000000000000001	
		1/8796093022208		.0000000000000005		.0000000000000005		.0000000000000005	
		1/17592186044416		.0000000000000002		.0000000000000002		.0000000000000002	
		1/35184372088832		.0000000000000001		.0000000000000001			

"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"



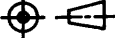
ALL SWITCHES SHOWN
IN THE "OFF" POSITION

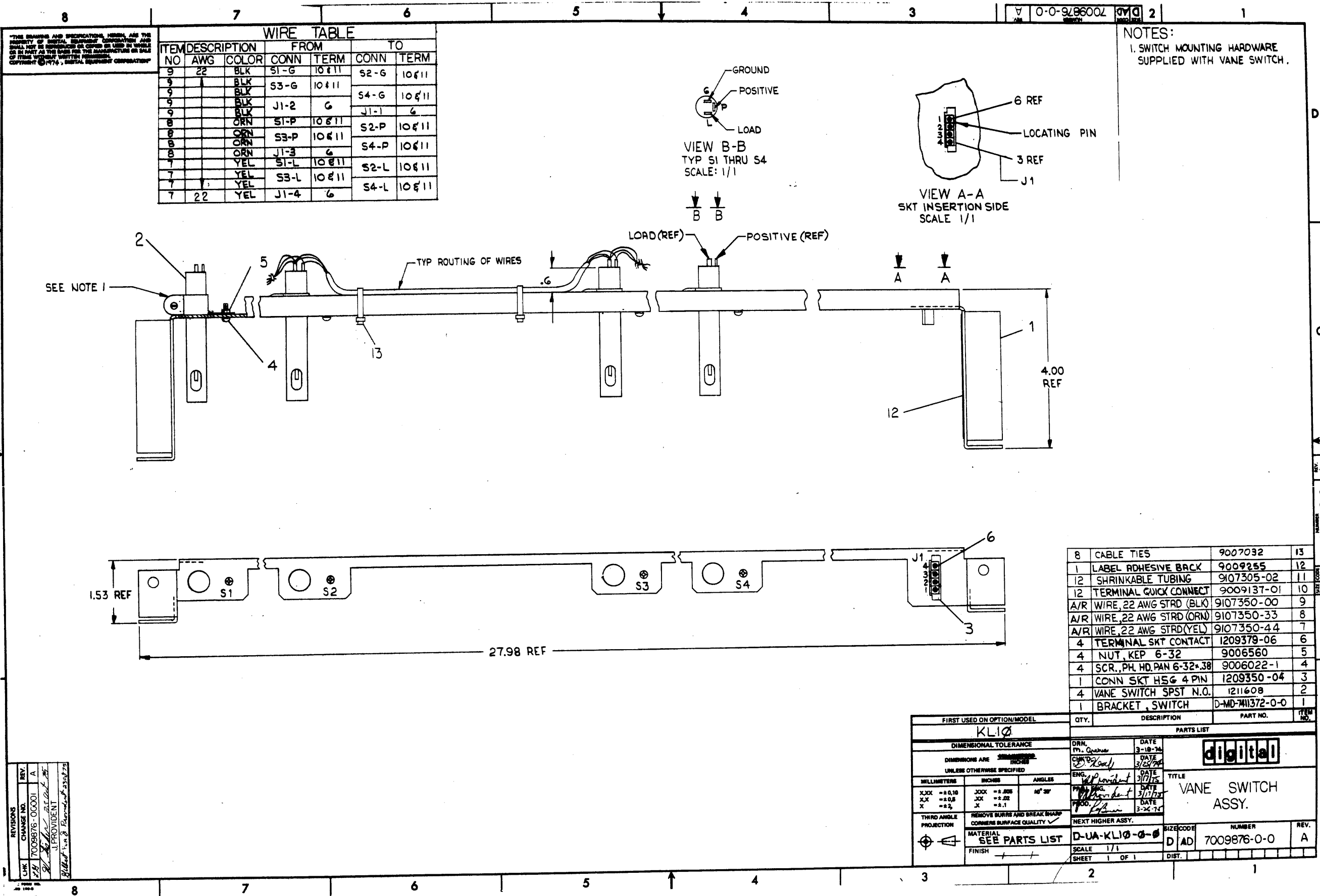
SW1 - SW4 ARE
MOMENTARY
CONTACT SWITCHES



REV.	CHANGE NO.
1	1

DEC FORM NO.
DRC 100-8

FIRST USED ON OPTION/MODEL			QTY.	DESCRIPTION	PART NO.	ITEM NO.
KLIØ-C						
DIMENSIONAL TOLERANCE			PARTS LIST			
DIMENSIONS ARE ~~MILLIMETERS~~ INCHES			DRN. <i>M. Gohie</i>	DATE <i>20 Nov 75</i>	digital	
UNLESS OTHERWISE SPECIFIED			CHK'D <i>Sh. Reed</i>	DATE <i>15 Dec 75</i>		
MILLIMETERS	INCHES	ANGLES	ENG. <i>D. Santella</i>	DATE <i>16 Dec 75</i>	TITLE SWITCH PANEL	
X.XX ± 0.10	.XXX ± .005	30° 30'	PROJ. ENG. <i>R. J. M. Oley</i>	DATE <i>21 Dec 75</i>		
X.X ± 0.5	.X ± .1		PROD. <i>L. E. Correll</i>	DATE <i>16 Jan 76</i>		
X ± .2	.X ± .1					
THIRD ANGLE PROJECTION	REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓		NEXT HIGHER ASSY.			
	MATERIAL - + +		B-DD-KLIØ-C		SIZE CODE	NUMBER
	FINISH + + +		SCALE + + +		C CS	7011639-0-1
			SHEET	OF	DIST.	REV.



WIRE TABLE						
ITEM NO	DESCRIPTION	FROM	TO	CONN	TERM	CONN
9	22 BLK	S1-G	10 11	S2-G	10 11	
9	22 BLK	S3-G	10 11	S4-G	10 11	
9	22 BLK	J1-2	G	J1-1	G	
8	22 ORN	S1-P	10 11	S2-P	10 11	
8	22 ORN	S3-P	10 11	S4-P	10 11	
8	22 ORN	J1-3	G	J1-1	G	
7	22 YEL	S1-L	10 11	S2-L	10 11	
7	22 YEL	S3-L	10 11	S4-L	10 11	
7	22 YEL	J1-4	G	J1-1	G	

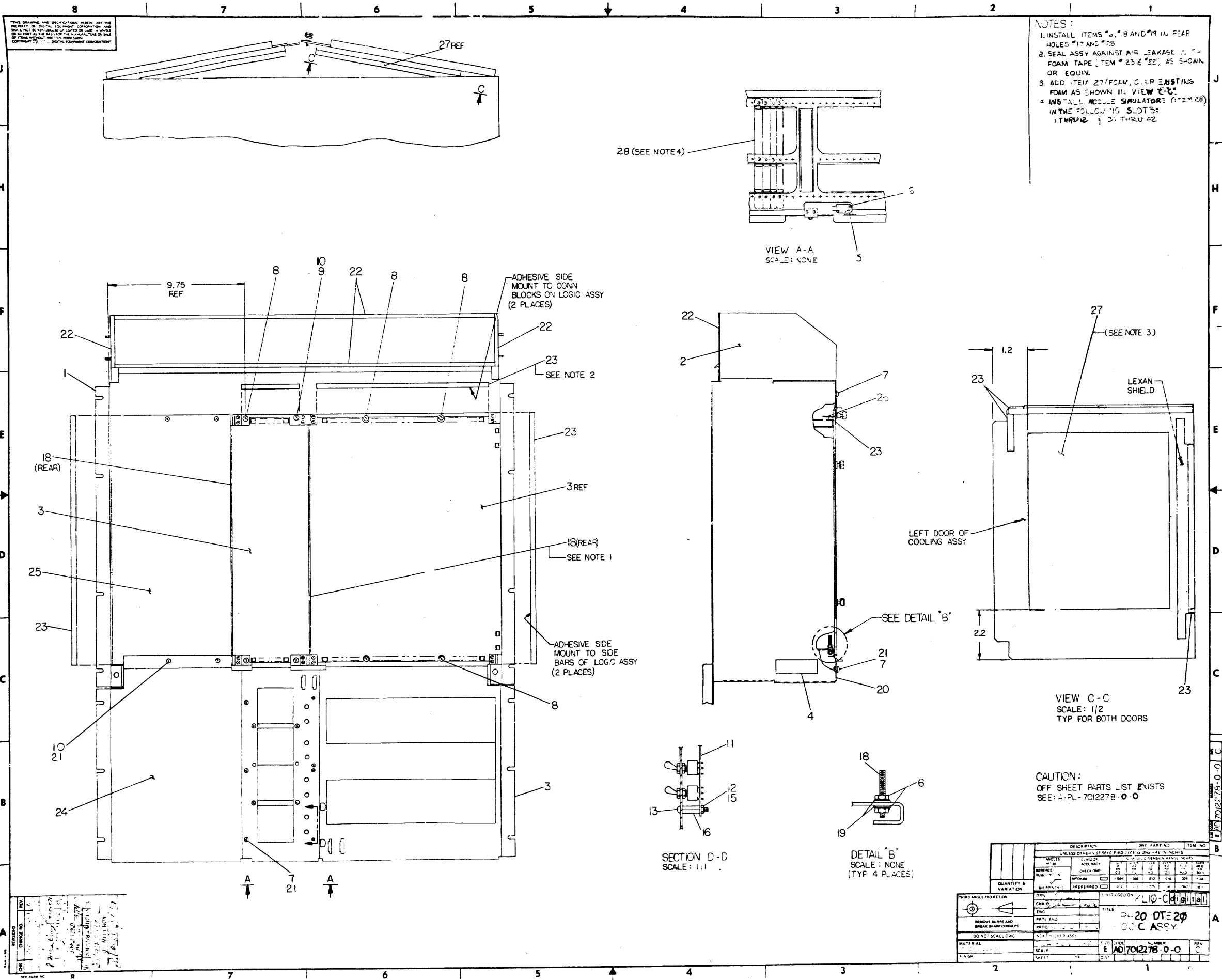
NOTES:
1. SWITCH MOUNTING HARDWARE
SUPPLIED WITH VANE SWITCH.

QTY.	DESCRIPTION	PART NO.	ITEM NO.
8	CABLE TIES	9007032	13
1	LABEL ADHESIVE BACK	9009255	12
12	SHRINKABLE TUBING	9107305-02	11
12	TERMINAL QUICK CONNECT	9009137-01	10
A/R	WIRE, 22 AWG STRD (BLK)	9107350-00	9
A/R	WIRE, 22 AWG STRD (ORN)	9107350-33	8
A/R	WIRE, 22 AWG STRD (YEL)	9107350-44	7
4	TERMINAL SKT CONTACT	1209379-06	6
4	NUT, KEP 6-32	9006560	5
4	SCR., PH. HD. PAN 6-32x.38	9006022-1	4
1	CONN SKT HSG 4 PIN	1209350-04	3
4	VANE SWITCH SPST N.O.	1211608	2
1	BRACKET, SWITCH	D-MD-7411372-0-0	1

FIRST USED ON OPTION/MODEL		KLIQ	
DIMENSIONAL TOLERANCE		UNLESS OTHERWISE SPECIFIED	
MILLIMETERS	INCHES	ANGLES	
XX ±.10	XX ±.005	XX 30°	
XX ±.05	XX ±.002	XX 45°	
X ±.02	X ±.001		
THIRD ANGLE PROJECTION	REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY	NEXT HIGHER ASSY.	
MATERIAL SEE PARTS LIST		SCALE 1/1	
FINISH		SHEET 1 OF 1	

DRN. Mr. Guehrer	DATE 3-18-74	digital	
CHK'D. G. Guehrer	DATE 3/25/74		
ENG. J. Guehrer	DATE 3/17/75		
PROD. J. Guehrer	DATE 3-26-74		
TITLE VANE SWITCH ASSY.		SIZE CODE D AD	NUMBER 7009876-0-0
		DIST.	REV. A

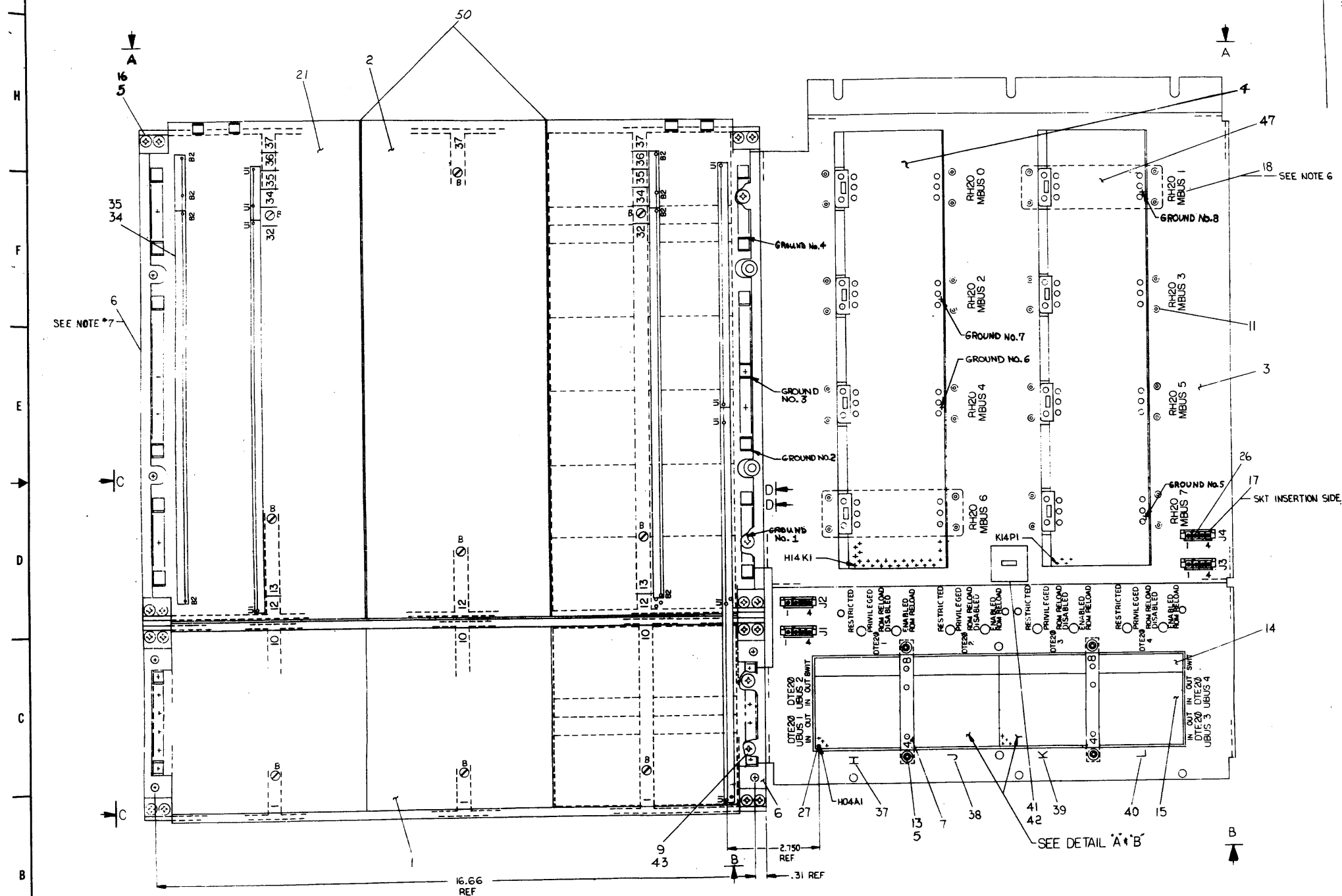
REV.	CHG. NO.	DATE	BY	APP.
1	7009876-00001	A	J. Guehrer	J. Guehrer
2	7009876-00002	B	J. Guehrer	J. Guehrer



DO NOT SCALE DRAWING

NOTES:

1. AFTER WIRE WRAP REMOVE "B-32" 62 POZI DRIVE SCREW AND ADD ITEM *10 AND REPLACE SCREW WITH ITEM *8 (125).
2. TRIM ITEM *22 (GROUND PLANE) PER DETAIL "A".
3. TRIM ITEM *49 (GROUND PLANE PROTECTION SHT) PER DETAIL "B".
4. FOR N.C. WIRE WRAP USE PALLET 9606103-000
5. INSTALL ITEM *55 (SOLDER) TO FASTON TABS. 16 IN. MIN. NEW D-D TO 16 FASTON TABS ON BOTTOM EDGE OF BOARD ONLY.
6. LOCATE DECALS (ITEM *18) WHERE SHOWN NEARSIDE AND FARSIDE.
7. USE REV "A" OR HIGHER TOP AND BOTTOM BAR (ITEM *6)
8. ADD STAND-OFFS ITEM *51 BEFORE WIRE WRAP AND ADD SCREWS ITEM *52 IN B PLACES BEFORE SMT TEST.
9. AFTER INSTALLING BANG W/MP TO "N" SOLDER THEM IN PLACE (CAREFULLY).

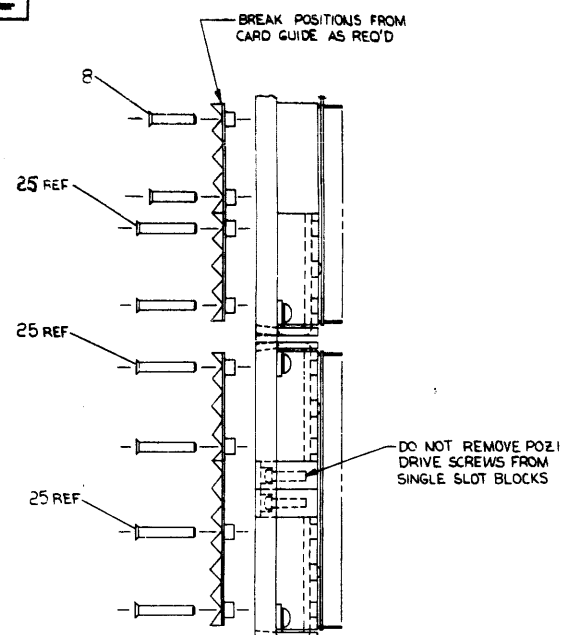


CAUTION:
OF SHEETS PARTS LIST EXISTS
SEE A-PL-7009429-0-0

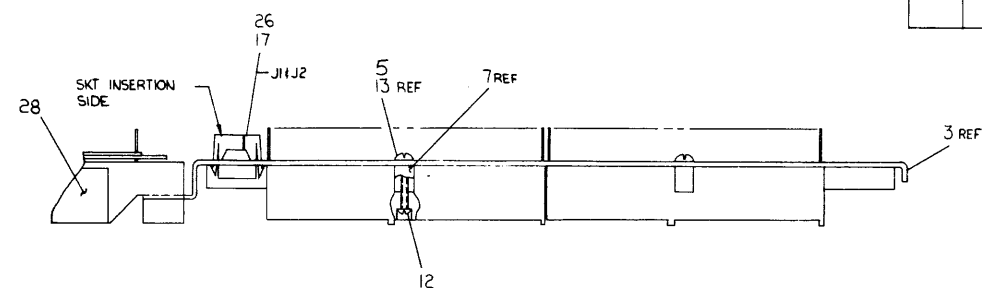
[illegible]

DO NOT SCALE DRAWING

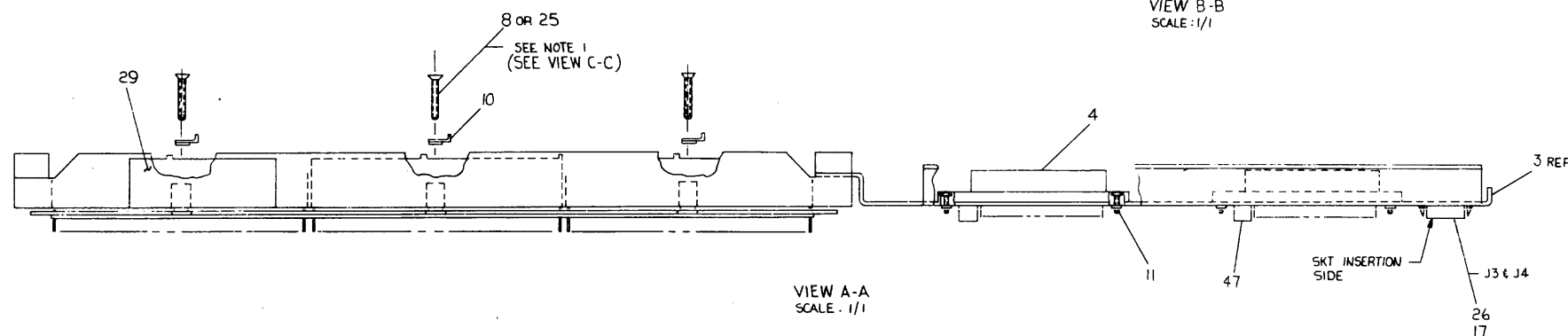
WIRE TABLE						
ITEM	DESCRIPTION	COLOR	FROM	TO	REMARKS	
NO	AWG		CON	CON		
33	18	RED	J1-1	2E81B1	+ 5V	
	TWP	BLK	J1-2	2E81B2	GND	
32		WHT	J1-3	2C86B1	SIGNAL	
		BLK	J1-4	2C86B2	GND	
		RED	J2-1	2C86L1	+ 5V	
		BLK	J2-2	2C86B2	GND	
32		WHT	J2-3	2C86B1	SIGNAL	
		BLK	J2-4	2C86B1	GND	
		RED	J3-1	2C86L1	+ 5V	
		BLK	J3-2	2C86B2	GND	
32		WHT	J3-3	2C86B1	SIGNAL	
		BLK	J3-4	2C86B2	GND	
		RED	J4-1	2C86L1	+ 5V	
		BLK	J4-2	2C86B2	GND	
32	18	WHT	J4-3	21B8J2	SIGNAL	
	TWP	BLK	J4-4	21B8J1	GND	
45	18	BLK	GND-1	SOLDER GND-5	GND	
45	18	BLK	GND-2	SOLDER GND-6	GND	
45	18	BLK	GND-3	SOLDER GND-7	GND	
45	18	BLK	GND-4	SOLDER GND-8	GND	

[illegible]

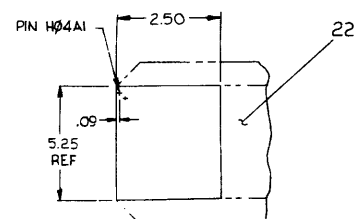
VIEW C-C
SCALE: 1/1
(CENTER ROW ONLY)



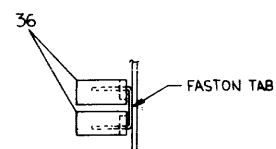
VIEW B-B
SCALE: 1/1



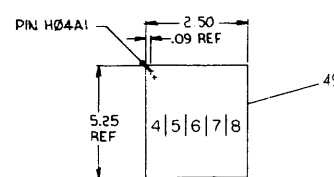
VIEW A-A
SCALE: 1/1



DETAIL 'A'
SCALE: NONE
SEE NOTE 2



VIEW D-D
SCALE: 2/1
TYP 16 PLACES
SEE NOTE 5



DETAIL "B"
SCALE: NONE
SEE NOTE 3

REVISIONS		
CHK	CHANGE NO.	REV.

DISC FORM NO. 1-68 8

TITLE		WIRED ASSY RH20-DTE20		SIZE CODE		NUMBER	
SCALE		SHEET 2 OF 2		E AD		7009429-0-0	
				DIST.			

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS.

PARTS LIST

MADE BY	V. SOUZA	CHECKED	SECTION
DATE	2/28/75	DATE	3-24-75
ENG	Louis J. Carpenter	PROD	ISSUED SECT.
DATE	3-24-75	DATE	3-24-75

ITEM NO.	DWG NO. / PART NO.	DESCRIPTION	SIZE CODE	ASSY NO.	NUMBER	REV.	ECO NO.
1	E-AD-7010088-2-0	BACKPLANE ASSY DTE2Ø	A PL	E-AD-7009429-0-0	7009429-0-0	F	700002
2	E-AD-7009431-0-0	BACKPLANE ASSY RH2Ø					MROO3
3	E-IA-7411997-0-0	CONN PANEL I/O					
4	D-IA-7010211-1-0	CONN ASSY MASSBUS					
5	9006634	WASHER LOCK INT TOOTH #8					
6	D-MD-7411998-0-0	BAR BACKPLANE TOP & BOT					
7	C-MD-7412121-0-0	BAR CONN PANEL					
8	9009070-00	SCR PHL FLAT HD #8-32 X .81					
9	9006071-1	SCR PHL PAN HD #10-32 X .375					
10	1210698	CARD GUIDE					
11	9006390-6	SCR SLOTTED FIL HD #4-40 X .38					
12	9006120-6	SCR FIL HD POZ1 DRIVE #8-32 X .62					
13	9006039-1	SCR PHL PAN HD #8-32 X .50					
14	1211425	CONN BLOCK 72 PIN					
15	1210258	CONN BLOCK 288 PIN (H863)					
16	9006037-1	SCR PHL PAN HD #8-32 X .38					
17	1209350-04	CONN SKT HSG 4 PIN					
18	A-DC-7413453-0-0	DECAL DTE/RH2Ø I/O					
19	K-WL-KL1Ø-Ø-PF	WIRE LIST					
20	A-WT-7009429-0	AWT REVISION STATUS SHEET					
21	D-IA-500995Ø	GROUND PLANE PROTECTION SHEET					
22	D-IA-5009785-03	GROUND PLANE					

TITLE	WIRE ASSY	SIZE CODE	ASSY NO.	NUMBER	REV.	ECO NO.
	RH2Ø/DTE2Ø	A PL	E-AD-7009429-0-0	7009429-0-0	F	700002
			SHEET 1 OF 3			MROO3

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

MR

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS.

PARTS LIST

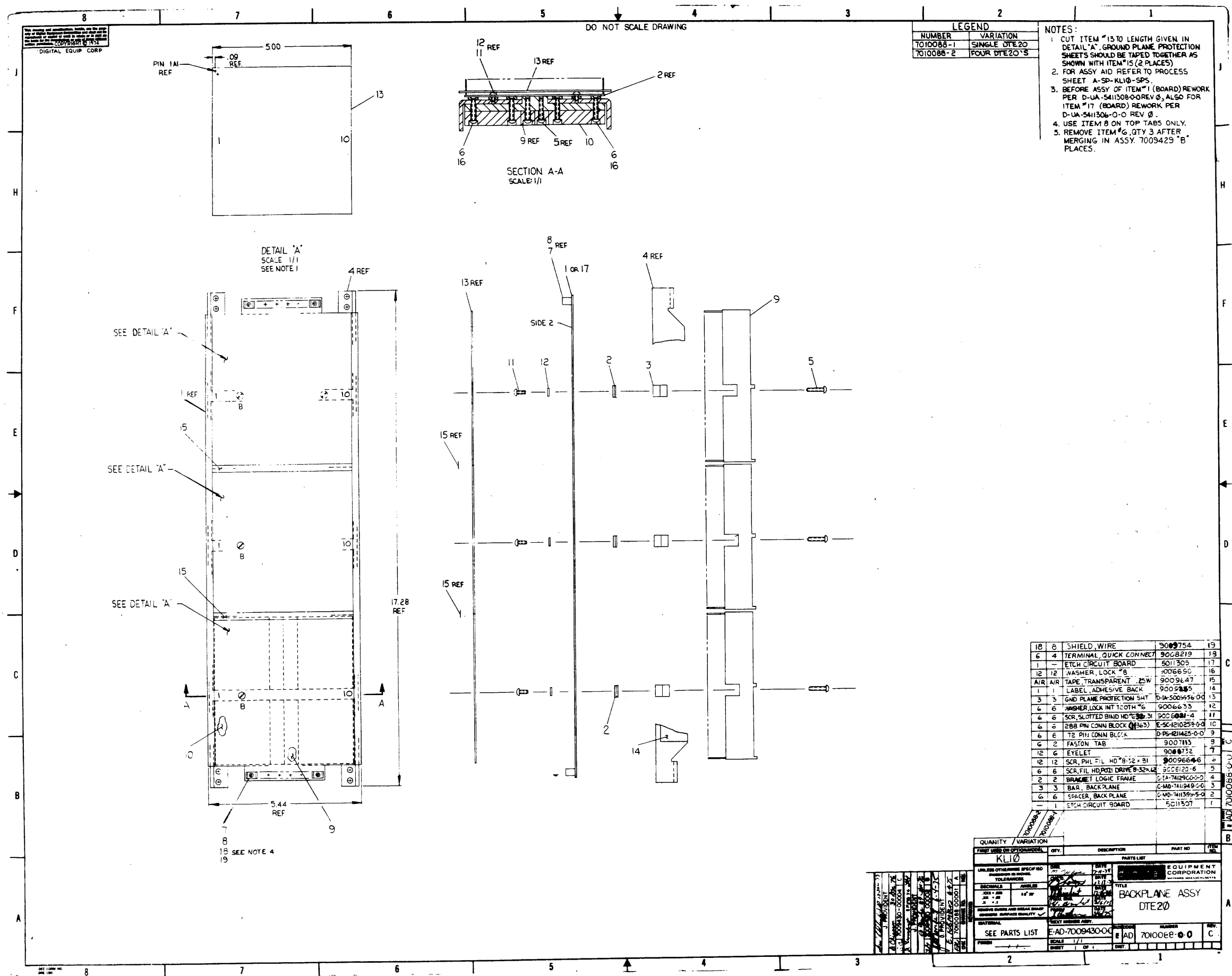
MADE BY	V. SOUZA	CHECKED	SECTION
DATE	2/28/75	DATE	3-24-75
ENG	Louis J. Carpenter	PROD	ISSUED SECT.
DATE	3-24-75	DATE	3-24-75

ITEM NO.	DWG NO. / PART NO.	DESCRIPTION	SIZE CODE
23	9107302-10	TUBING THIN WALL	AR
24	9009139	TERMINAL	16
25	9009665-2	SCR PHL #5 FLAT HD #8-32 X 1.03	32
26	1209379-02	PIN TERMINAL CONTACT	16
27	9008499	SOLDER PREFORMS	172
28	A-DC-7411881-01	DECAL LOGIC ASSY REVISION	1
29	9009255	LABEL ADHESIVE BACK	1
30	9107720-09	WIRE INS TWP #30 AWG (BLK/WHT)	AR
31	9105740-44	WIRE INS SOLID #30 AWG (YEL)	AR
32	9107430-09	WIRE #18 AWG STRD TWP (BLK/WHT)	AR
33	9107430-02	WIRE #18 AWG STRD TWP (RED/BLK)	AR
34	C-MD-7408967-3-0	STRIP INSULATOR	6
35	9008428	BUS STRIP	AR
36	9009754	SHIELD WIRE	20
37	B-DC-5308753-13-0	DECAL 21 POINT LTR (H)	1
38	B-DC-5308753-15-0	DECAL 21 POINT LTR (J)	1
39	B-DC-5308753-17-0	DECAL 21 POINT LTR (K)	1
40	B-DC-5308753-19-0	DECAL 21 POINT LTR (L)	1
41	9008264	MOUNT, CABLE TIE	1
42	9007880	CABLE TIE	1
43	9006635	WASHER, LOCK INT TOOTH #10	4
44	9107720-69	WIRE, INS TWP #30 AWG (BLU/WHT)	AR

TITLE	WIRE ASSY	SIZE CODE	ASSY NO.	NUMBER	REV.	ECO NO.
	RH2Ø/DTE2Ø	A PL	E-AD-7009429-0-0	7009429-0-0	F	700002
			SHEET 2 OF 3			MROO3

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

MR



18	6	SHIELD WIRE	9009754	19
6	4	TERMINAL QUICK CONNECT	9008219	19
1	-	ETCH CIRCUIT BOARD	5011303	17
12	12	WASHER, LOCK "B"	9006690	16
A/R	A/R	TAPE, TRANSPARENT .25W	9009647	15
1	1	LABEL, ADHESIVE BACK	9005945	14
3	3	GND PLANE PROTECTION SH	D-UA-500996-0-0	13
6	6	WASHER LOCK INT TOOTH "6"	9006633	12
6	6	SCR, SLOTTED BIND HD "E-30-31"	9006041-4	11
6	6	288 PIN CONN BLOCK (H363)	E-50121025-0-0	10
6	6	72 PIN CONN BLOCK	D-PS-21425-0-0	9
6	2	FASTON TAB	9007113	9
12	6	EYELET	9008732	7
12	12	SCR, PHL FIL HD "B-32-B1"	9009664-6	6
6	6	SCR, FIL HD POZI DRIVE "B-32-A2"	9258120-6	5
2	2	BRACKET LOGIC FRAME	C-1A-74129-0-0-0	4
3	3	BAR, BACK PLANE	C-MB-741949-0-0	3
6	6	SPACER, BACK PLANE	C-MB-741339-5-0	2
1	1	ETCH CIRCUIT BOARD	5011307	1

QUANTITY	VARIATION	DESCRIPTION	PART NO.	ITEM NO.
1	KL10	BACKPLANE ASSY	7010088-0-0	1
UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES TOLERANCES				
DIMENSIONAL	APPROX	DATE 7-27-71		
1/2" - 1"	±.01	DATE 1-17-72		
1" - 2"	±.02	DATE 1-17-72		
2" - 4"	±.04	DATE 1-17-72		
4" - 6"	±.06	DATE 1-17-72		
6" - 12"	±.12	DATE 1-17-72		
12" - 24"	±.24	DATE 1-17-72		
24" - 48"	±.48	DATE 1-17-72		
48" - 96"	±.96	DATE 1-17-72		
96" - 192"	±1.92	DATE 1-17-72		
192" - 384"	±3.84	DATE 1-17-72		
384" - 768"	±7.68	DATE 1-17-72		
768" - 1536"	±15.36	DATE 1-17-72		
1536" - 3072"	±30.72	DATE 1-17-72		
3072" - 6144"	±61.44	DATE 1-17-72		
6144" - 12288"	±122.88	DATE 1-17-72		
12288" - 24576"	±245.76	DATE 1-17-72		
24576" - 49152"	±491.52	DATE 1-17-72		
49152" - 98304"	±983.04	DATE 1-17-72		
98304" - 196608"	±1966.08	DATE 1-17-72		
196608" - 393216"	±3932.16	DATE 1-17-72		
393216" - 786432"	±7864.32	DATE 1-17-72		
786432" - 1572864"	±15728.64	DATE 1-17-72		
1572864" - 3145728"	±31457.28	DATE 1-17-72		
3145728" - 6291456"	±62914.56	DATE 1-17-72		
6291456" - 12582912"	±125829.12	DATE 1-17-72		
12582912" - 25165824"	±251658.24	DATE 1-17-72		
25165824" - 50331648"	±503316.48	DATE 1-17-72		
50331648" - 100663296"	±1006632.96	DATE 1-17-72		
100663296" - 201326592"	±2013265.92	DATE 1-17-72		
201326592" - 402653184"	±4026531.84	DATE 1-17-72		
402653184" - 805306368"	±8053063.68	DATE 1-17-72		
805306368" - 1610612736"	±16106127.36	DATE 1-17-72		
1610612736" - 3221225472"	±32212254.72	DATE 1-17-72		
3221225472" - 6442450944"	±64424509.44	DATE 1-17-72		
6442450944" - 12884901888"	±128849018.88	DATE 1-17-72		
12884901888" - 25769803776"	±257698037.76	DATE 1-17-72		
25769803776" - 51539607552"	±515396075.52	DATE 1-17-72		
51539607552" - 103079215104"	±1030792151.04	DATE 1-17-72		
103079215104" - 206158430208"	±2061584302.08	DATE 1-17-72		
206158430208" - 412316860416"	±4123168604.16	DATE 1-17-72		
412316860416" - 824633720832"	±8246337208.32	DATE 1-17-72		
824633720832" - 1649267441664"	±16492674416.64	DATE 1-17-72		
1649267441664" - 3298534883328"	±32985348833.28	DATE 1-17-72		
3298534883328" - 6597069766656"	±65970697666.56	DATE 1-17-72		
6597069766656" - 13194139533312"	±131941395333.12	DATE 1-17-72		
13194139533312" - 26388279066624"	±263882790666.24	DATE 1-17-72		
26388279066624" - 52776558133248"	±527765581332.48	DATE 1-17-72		
52776558133248" - 105553116266496"	±1055531162664.96	DATE 1-17-72		
105553116266496" - 211106232532992"	±2111062325329.92	DATE 1-17-72		
211106232532992" - 422212465065984"	±4222124650659.84	DATE 1-17-72		
422212465065984" - 844424930131968"	±8444249301319.68	DATE 1-17-72		
844424930131968" - 1688849860263936"	±16888498602639.36	DATE 1-17-72		
1688849860263936" - 3377699720527872"	±33776997205278.72	DATE 1-17-72		
3377699720527872" - 6755399441055744"	±67553994410557.44	DATE 1-17-72		
6755399441055744" - 13510798882111488"	±135107988821114.88	DATE 1-17-72		
13510798882111488" - 27021597764222976"	±270215977642229.76	DATE 1-17-72		
27021597764222976" - 54043195528445952"	±540431955284459.52	DATE 1-17-72		
54043195528445952" - 108086391056891904"	±1080863910568919.04	DATE 1-17-72		
108086391056891904" - 216172782113783808"	±2161727821137838.08	DATE 1-17-72		
216172782113783808" - 432345564227567616"	±4323455642275676.16	DATE 1-17-72		
432345564227567616" - 864691128455135232"	±8646911284551352.32	DATE 1-17-72		
864691128455135232" - 1729382256910270464"	±17293822569102704.64	DATE 1-17-72		
1729382256910270464" - 3458764513820540928"	±34587645138205409.28	DATE 1-17-72		
3458764513820540928" - 6917529027641081856"	±69175290276410818.56	DATE 1-17-72		
6917529027641081856" - 13835058055282163712"	±138350580552821637.12	DATE 1-17-72		
13835058055282163712" - 27670116110564327424"	±276701161105643274.24	DATE 1-17-72		
27670116110564327424" - 55340232221128654848"	±553402322211286548.48	DATE 1-17-72		
55340232221128654848" - 110680464442257309696"	±1106804644422573096.96	DATE 1-17-72		
110680464442257309696" - 221360928884514619392"	±2213609288845146193.92	DATE 1-17-72		
221360928884514619392" - 442721857769029238784"	±4427218577690292387.84	DATE 1-17-72		
442721857769029238784" - 885443715538058477568"	±8854437155380584775.68	DATE 1-17-72		
885443715538058477568" - 1770887431076116955136"	±17708874310761169551.36	DATE 1-17-72		
1770887431076116955136" - 3541774862152233910272"	±35417748621522339102.72	DATE 1-17-72		
3541774862152233910272" - 7083549724304467820544"	±70835497243044678205.44	DATE 1-17-72		
7083549724304467820544" - 14167099448608935641088"	±141670994486089356410.88	DATE 1-17-72		
14167099448608935641088" - 28334198897217871282176"	±283341988972178712821.76	DATE 1-17-72		
28334198897217871282176" - 56668397794435742564352"	±566683977944357425643.52	DATE 1-17-72		
56668397794435742564352" - 113336795588871485128704"	±1133367955888714851287.04	DATE 1-17-72		
113336795588871485128704" - 226673591177742970257408"	±2266735911777429702574.08	DATE 1-17-72		
226673591177742970257408" - 453347182355485940514816"	±4533471823554859405148.16	DATE 1-17-72		
453347182355485940514816" - 906694364710971881029632"	±9066943647109718810296.32	DATE 1-17-72		
906694364710971881029632" - 1813388729421943762059264"	±1813388729421943762059.264	DATE 1-17-72		
1813388729421943762059264" - 3626777458843887524118528"	±36267774588438875241185.28	DATE 1-17-72		
3626777458843887524118528" - 7253554917687775048237056"	±72535549176877750482370.56	DATE 1-17-72		
7253554917687775048237056" - 14507109835375550096474112"	±14507109835375550096474.112	DATE 1-17-72		
14507109835375550096474112" - 29014219670751100192948224"	±29014219670751100192948.224	DATE 1-17-72		
29014219670751100192948224" - 58028439341502200385896448"	±5802843934150220038589.6448	DATE 1-17-72		
58028439341502200385896448" - 116056878683004400771792896"	±11605687868300440077179.2896	DATE 1-17-72		
116056878683004400771792896" - 232113757366008801543585792"	±23211375736600880154358.5792	DATE 1-17-72		
232113757366008801543585792" - 464227514732017603087171584"	±46422751473201760308717.1584	DATE 1-17-72		
464227514732017603087171584" - 928455029464035206174343168"	±92845502946403520617434.3168	DATE 1-17-72		
928455029464035206174343168" - 1856910058928070412348686336"	±18569100589280704123486.86336	DATE 1-17-72		
1856910058928070412348686336" - 3713820117856140824697372672"	±37138201178561408246973.72672	DATE 1-17-72		
3713820117856140824697372672" - 7427640235712281649394745344"	±74276402357122816493947.45344	DATE 1-17-72		
7427640235712281649394745344" - 14855280471424563298789490688"	±14855280471424563298789.490688	DATE 1-17-72		
14855280471424563298789490688" - 29710560942849126597578981376"	±29710560942849126597578.981376	DATE 1-17-72		
29710560942849126597578981376" - 59421121885698253195157962752"	±59421121885698253195157.962752	DATE 1-17-72		
59421121885698253195157962752" - 118842243771396506390315925504"	±11884224377139650639031.5925504	DATE 1-17-72		
118842243771396506390315925504" - 237684487542793012780631851008"	±23768448754279301278063.1851008	DATE 1-17-72		
237684487542793012780631851008" - 475368975085586025561263702016"	±47536897508558602556126.3702016	DATE 1-17-72		
475368975085586025561263702016" - 950737950171172051122527404032"	±95073795017117205112252.7404032	DATE 1-17-72		
950737950171172051122527404032" - 1901475900342344102245054808064"	±19014759003423441022450.54808064	DATE 1-17-72		
1901475900342344102245054808064" - 3802951800684688204490109616128"	±38029518006846882044901.09616128	DATE 1-17-72		
3802951800684688204490109616128" - 7605903601369376408980219232256"	±76059036013693764089802.19232256	DATE 1-17-72		
7605903601369376408980219232256" - 15211807202738752817960438464512"	±15211807202738752817960.438464512	DATE 1-17-72		
15211807202738752817960438464512" - 30423614405477505635920876929024"	±30423614405477505635920.876929024	DATE 1-17-72		
30423614405477505635920876929024" - 60847228810955011271841753858048"	±60847228810955011271841.753858048	DATE 1-17-72		
60847228810955011271841753858048" - 121694457621910022543683507716096"	±12169445762191002254368.3507716096	DATE 1-17-72		
121694457621910022543683507716096" - 243388915243820045087367015432192"	±24338891524382004508736.7015432192	DATE 1-17-72		
243388915243820045087367015432192" - 486777830487640090174734030864384"	±48677783048764009017473.4030864384	DATE 1-17-72		
486777830487640090174734030864384" - 973555660975280180349468061728768"	±97355566097528018034946.8061728768	DATE 1-17-72		
973555660975280180349468061728768" - 1947111321950560360698936123457536"	±19471113219505603606989.36123457536	DATE 1-17-72		
1947111321950560360698936123457536" - 3894222643901120721397872246915072"	±38942226439011207213978.72246915072	DATE 1-17-72		
3894222643901120721397872246915072" - 7788445287802241442795744493830144"	±77884452878022414427957.44493830144	DATE 1-17-72		
7788445287802241442795744493830144" - 15576890575604482885591488987660288"	±15576890575604482885591.488987660288	DATE 1-17-72		
15576890575604482885591488987660288" - 31153781151208965771182977975320576"	±31153781151208965771182.977975320576	DATE 1-17-72		
31153781151208965771182977975320576" - 62307562302417931542365955950641152"	±62307562302417931542365.955950641152	DATE 1-17-72		
62307562302417931542365955950641152" - 124615124604835863084731911901282304"	±12461512460483586308473.1911901282304	DATE 1-17-72		
124615124604835863084731911901282304" - 249230249209671726169463823802564608"	±24923024920967172616946.382380256460			

NOTES:
1. FOR DRAWING DIRECTORY REFER
TO: B-DD-5411306-O.

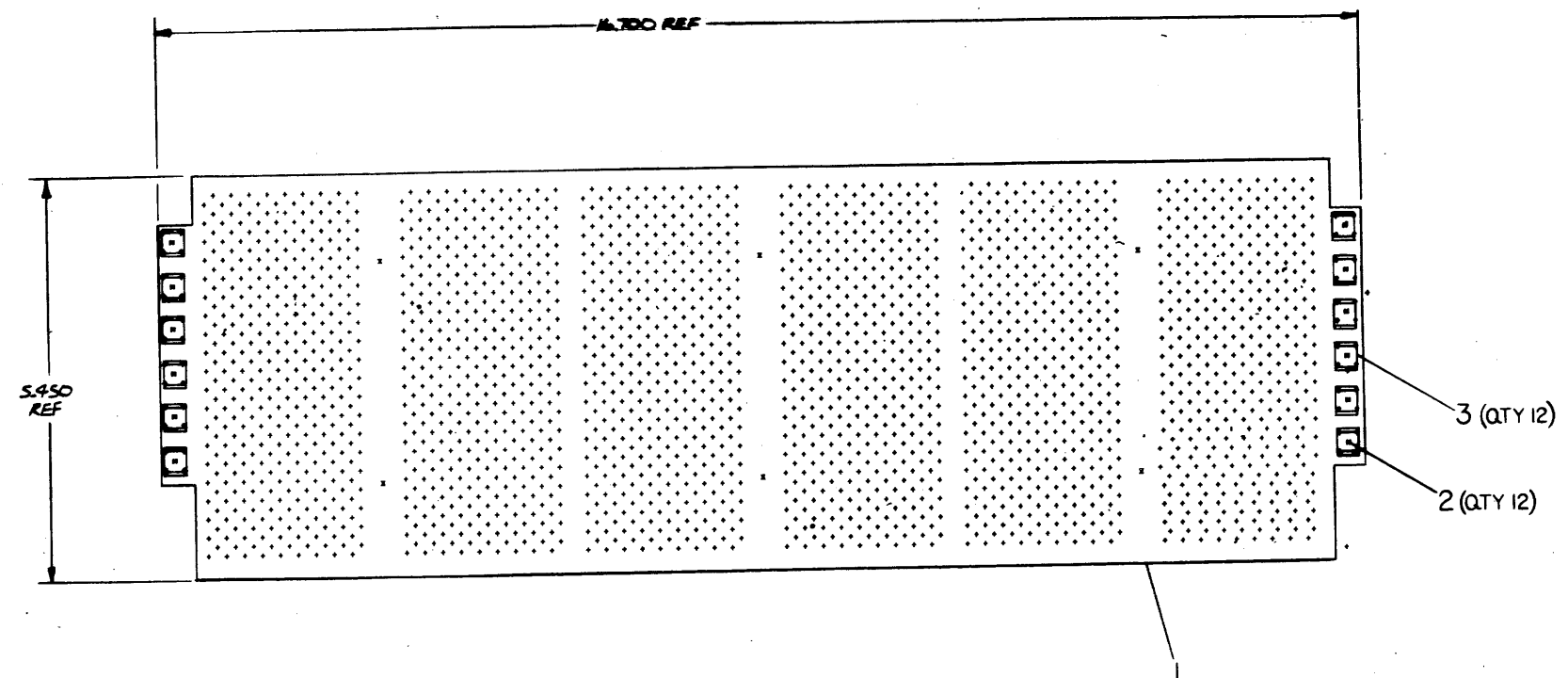
	AGE	EXPERIENCE	BOOTS	1979	
1		ETCHED CIRCUIT BOARD		5011303	
12		EYELET		9006742	3
12		DOUBLE TAB		9007113	3

QTY	REF. DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST				
ETCH BOARD-REV.				
		DRN <i>[Signature]</i> DATE 2-21-75 BRD'D. <i>[Signature]</i> DATE 5/21/75 EXPT <i>[Signature]</i> DATE 8-21-76 PROD ENG <i>[Signature]</i> DATE 3/25/75 PRD'D. <i>[Signature]</i> DATE 7-21-75	digital DTE 20 BACKPLANE	
DEC NO.		EIA NO.	SIZE CODE	NUMBER
			D UA	5411306-0-0
CONVERSION CHART				
SCALE 1/2 OF A SHEET				

[illegible]DEC FORM 100
FEB 1973-0

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.

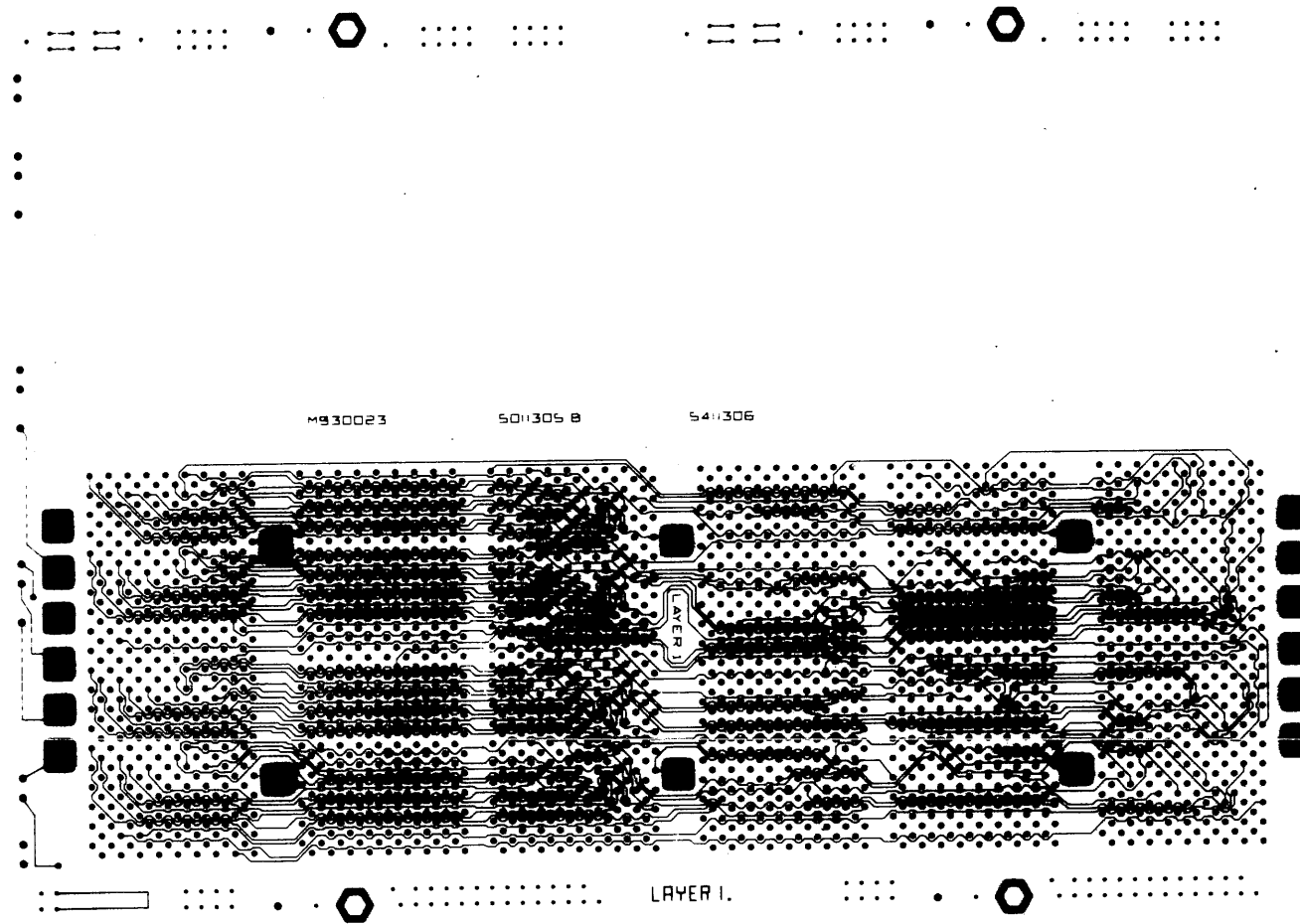
0-0-9081175M10 2



REVISIONS		
CHK	CHANGE NO	REV

TITLE		SIZE/CODE	NUMBER	REV
DTE 20 BACKPLANE		D	UA 5411306-0-0	
SCALE	1:1	SHEET 2 OF 4	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 © 1975 DIGITAL EQUIPMENT CORPORATION



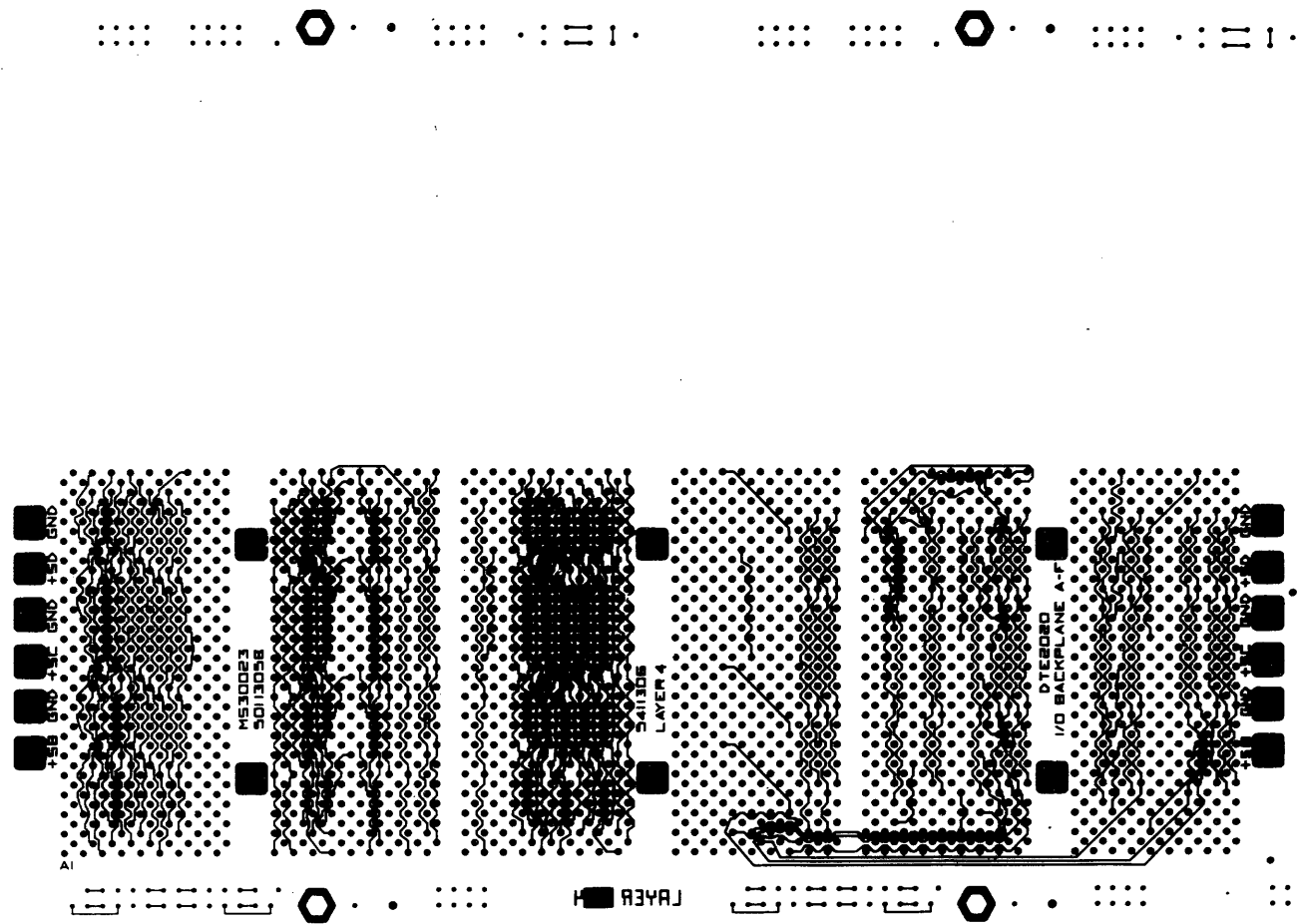
REVISIONS		
CHK	CHANGE NO	REV

TITLE		SIZE CODE	NUMBER	REV.
DTE 20 BACKPLANE		DUA	5411306-0-0	
SCALE	SHEET	OF	DIST	
---	3	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

2	DA 5411306-0-0	REF
---	----------------	-----

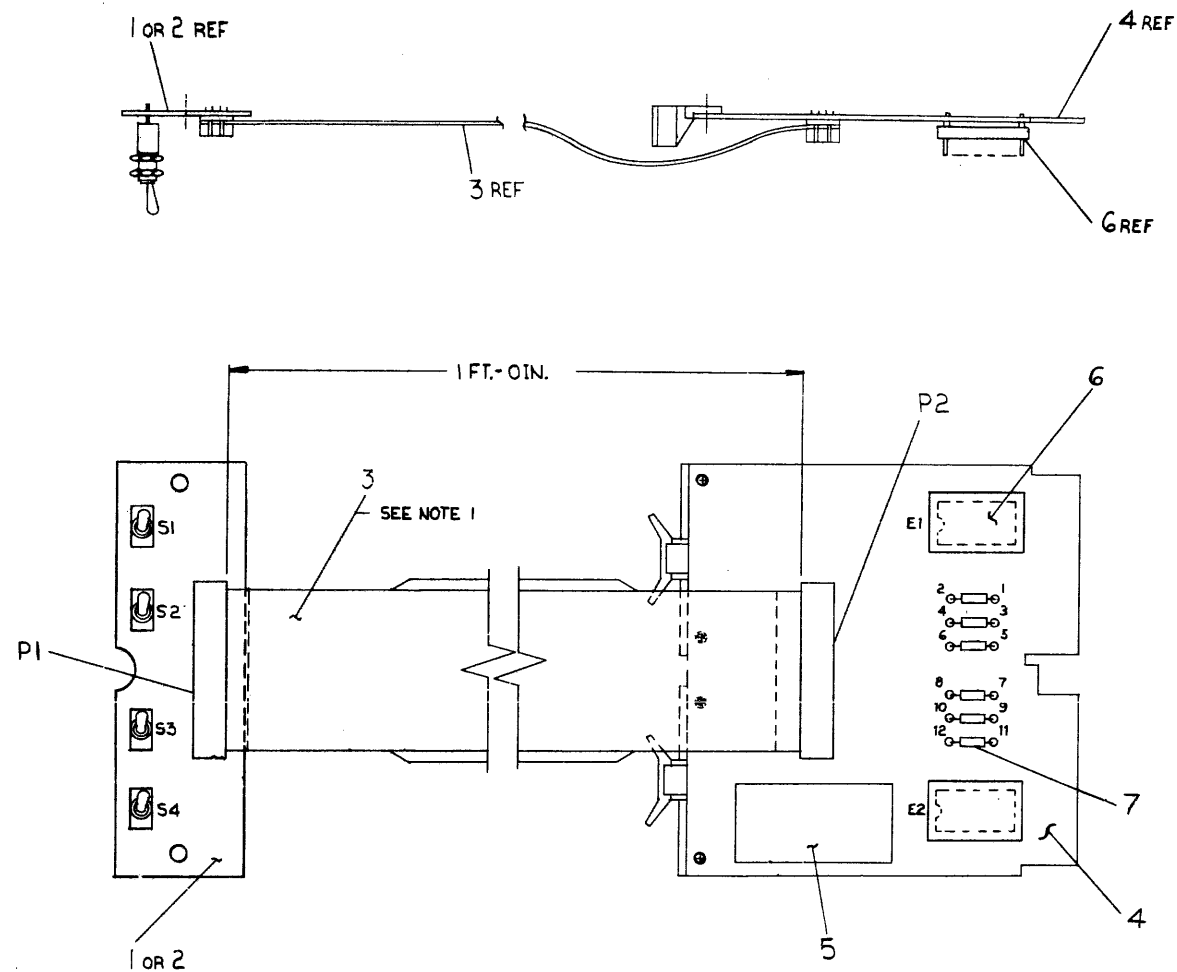


REVISIONS		
CHK	CHANGE NO	REV

TITLE		SIZE CODE		NUMBER		REV	
DTE 20 BACKPLANE		DUA		5411306-0-0			
SCALE		SHEET		DIST.			
1/1		4 OF 4					

NOTES:

1. CONNECTORS P1 AND P2 TO BE WIRED POINT TO POINT. (P1 TO P2)
2. 7010103-1 USES ONLY 1 SWITCH (S2) AND 7010103-2 USES ALL 4 SWITCHES (S1 THRU S4)
3. TRIM AND PREPARE CABLE PER CABLE PROCESS SHEET A-SP-7606485-00
4. TO INSTALL CABLE USE COVER OF CONN. 1210073 (FROM SW. BOARD ASSY REF).
5. SOLDER JUMPERS ITEM 7 TO TERMINALS AS SHOWN.
6. ITEM 6 IS NOT INSTALLED IN E2 WHEN BUILDING 7010103-1.



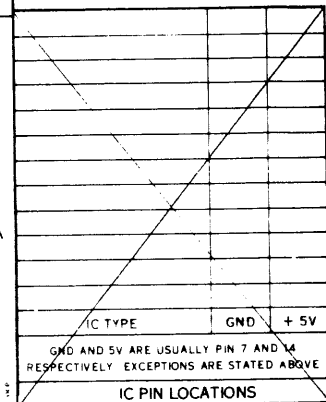
6	6	JUMPER, WHITE INS.	9009185-00	7
2	1	PLUG, PRIORITY	C-IA-5408780-0-0	6
1	1	LABEL, ADHESIVE BACK	9009255	5
1	1	JUMPER, INTERRUPT (OTE20)	D-UA-M8564-0-0	4
A/R	A/R	CABLE, RIBBON, 40 COND.	9107747-01	3
1	-	SWITCH BOARD	D-UA-5411360-0-0	2
-	1	SWITCH BOARD	D-UA-5411360-0-YA-0	1

REVISIONS		
CHK	CHANGE NO.	REV.
	PO 0003-00001	A
<i>Chapman 3-20-76</i>		
J. PROUDENT		
	PO 0103-00002	B
<i>Chapman 3-20-76</i>		
J. PROUDENT		
	PO 0103-00003	C
<i>Chapman 3-20-76</i>		
W. BRACKETT		

QUANTITY		VARIATION		
FIRST USED ON OPTION/MODEL KL10			QTY.	DESCRIPTION
			PART NO.	ITEM NO.
DIMENSIONAL TOLERANCE			PARTS LIST	
DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED			digital	
~~MILLIMETERS~~	INCHES	ANGLES	DATE	TITLE
XJCK ±0.18	JOCK ±0.006	±0° 30'	8-6-74	SWITCH ASSY.
XJK ±0.08	JX ±0.02		DATE 12-20-74	
XK ±0.2			DATE 1-19-75	
			DATE 1-20-75	
THIRD ANGLE PROJECTION	REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓		NEXT HIGHER ASSY.	
MATERIAL SEE PARTS LIST		D-UA-KL10-Q-Q	SIZE CODE D AD	NUMBER 7010103-0-0
FINISH		SCALE 1/1	DIST.	REV. C
		SHEET 1 OF 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 THE WRITTEN PERMISSION OF DIGITAL EQUIPMENT CORPORATION.

- NOTES:
- 1. FOR DRAWING DIRECTORY REFER TO B-DD-5411360-0
 - 2. FOR CIRCUIT SCHEMATIC SEE D-CS-M8564-0-INTJ
 - 3. SAVE COVER OF 40 TERM. CONN. (1210073) FOR USE AT NEXT HIGHER ASSY (7010103)



1		ETCH CIRCUIT BOARD	5011359	1
1	J1	CONN, 40 TERMINALS (BODY ONLY)	1210073	2
4	S1, S2, S3, S4	SWITCH, TOGGLE	1209590	3

QTY	REF DESIGNATION	DESCRIPTION	PART NO	ITEM NO
PARTS LIST				
FIRST USED ON OPTION MODEL				
KL10				
ETCH BOARD REV				
DBN	DATE	digital EQUIPMENT CORPORATION		
CHK'D	DATE	TITLE		
ENG	DATE	MASTER INTERRUPT		
PROJ. ENG.	DATE	SWITCH BD		
PROD.	DATE	NEXT HIGHER ASSY		
B-DD-5411360-0		SIZE CODE NUMBER REV.		
DEC NO EIA NO DEC NO EIA NO		DUA 5411360-0-0		
SCALE		DIST		
SHEET OF 4				
SEMICONDUCTOR CONVERSION CHART				

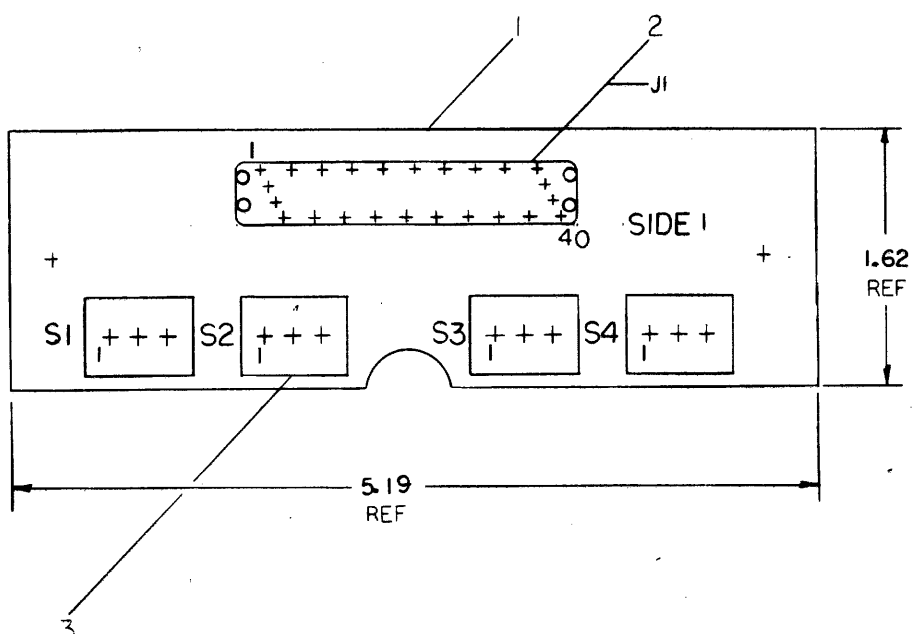
DUA 5411360-0-0

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.

SIZE CODE
DUA 5411360-0-0

2

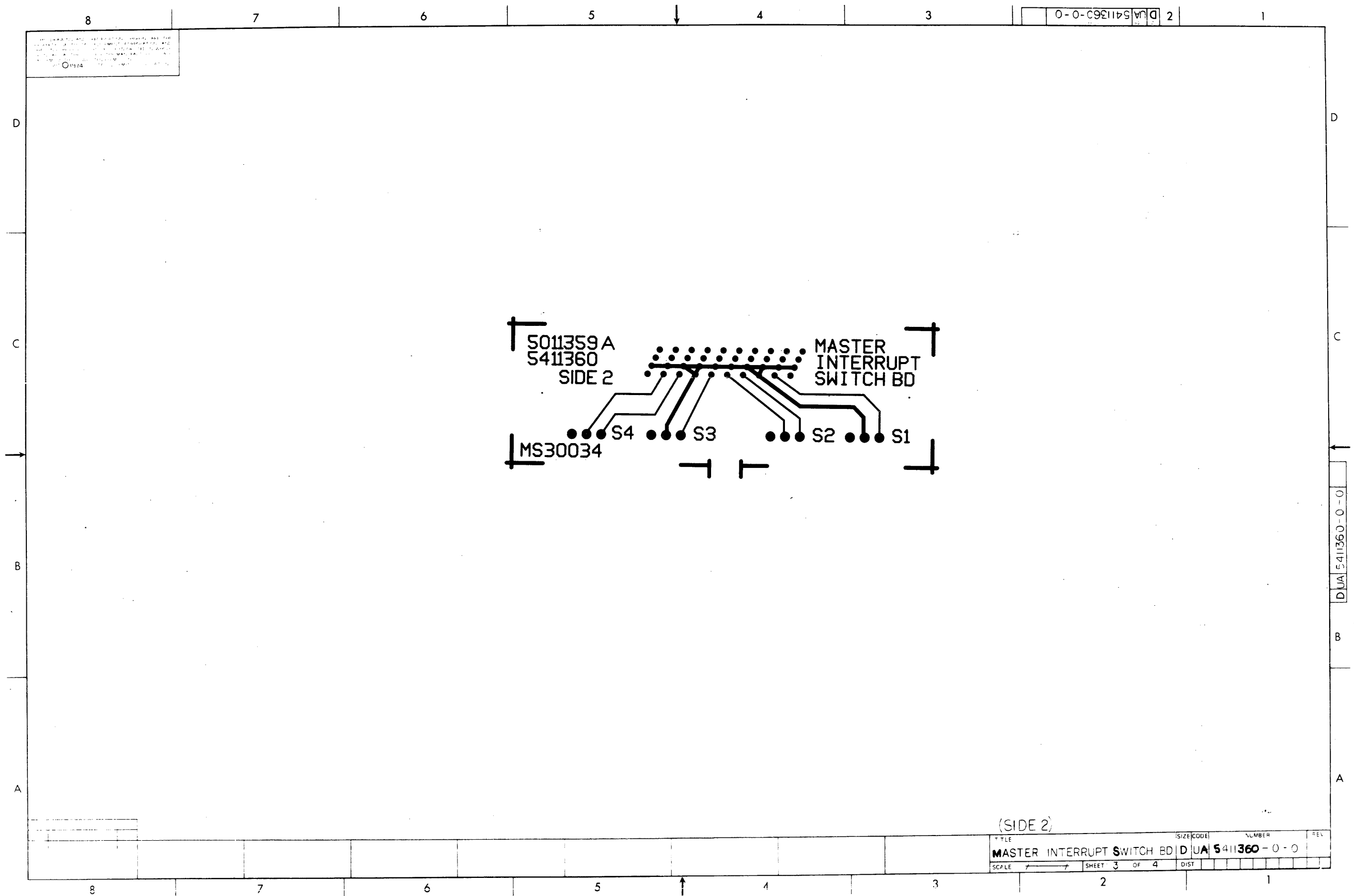
1

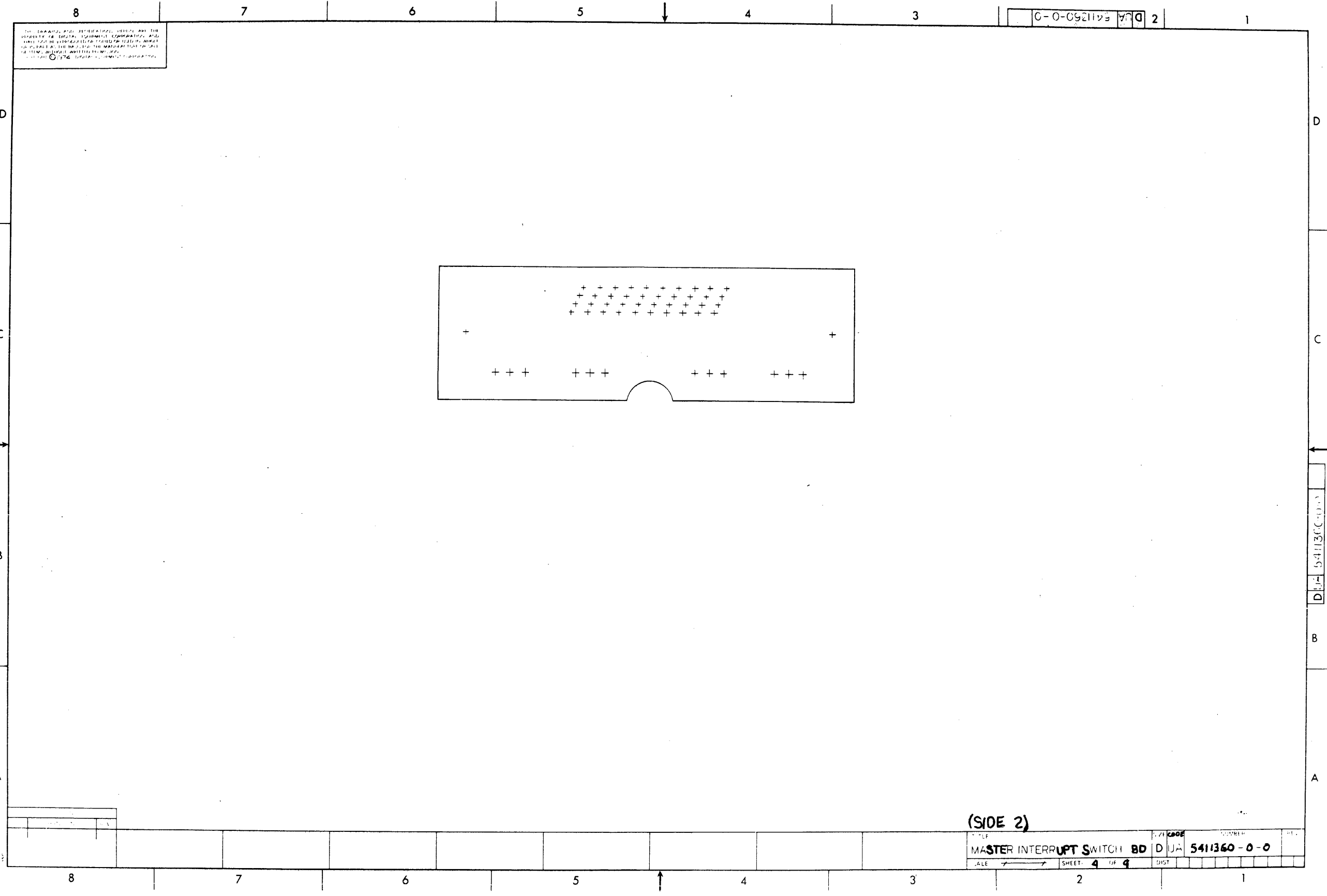


(SIDE 1)

REVISIONS		
CHK	CHANGE NO	REV

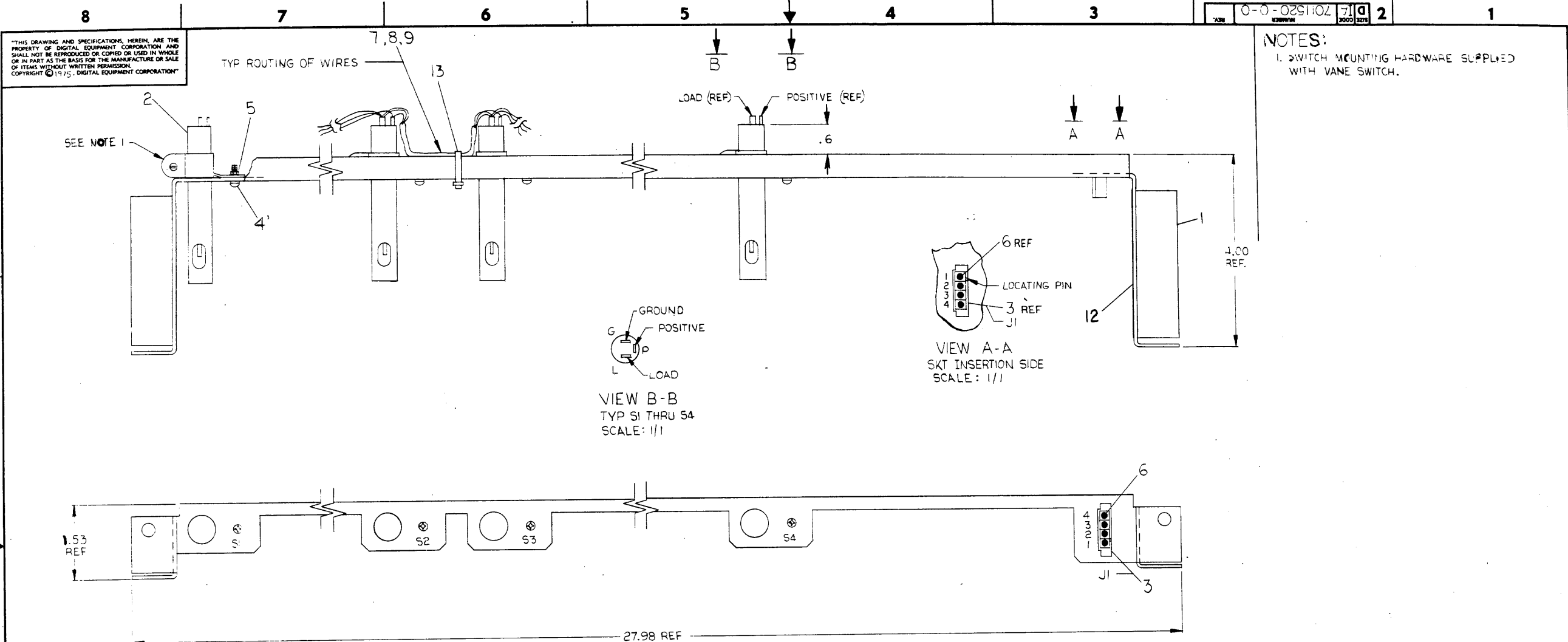
TITLE		SIZE CODE	NUMBER	REV.
MASTER INTERRUPT SWITCH BD		DUA	5411360-0-0	
SCALE		SHEET 2	OF 4	DIST.





"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 © 1975, DIGITAL EQUIPMENT CORPORATION"

NOTES:
1. SWITCH MOUNTING HARDWARE SUPPLIED WITH VANE SWITCH.



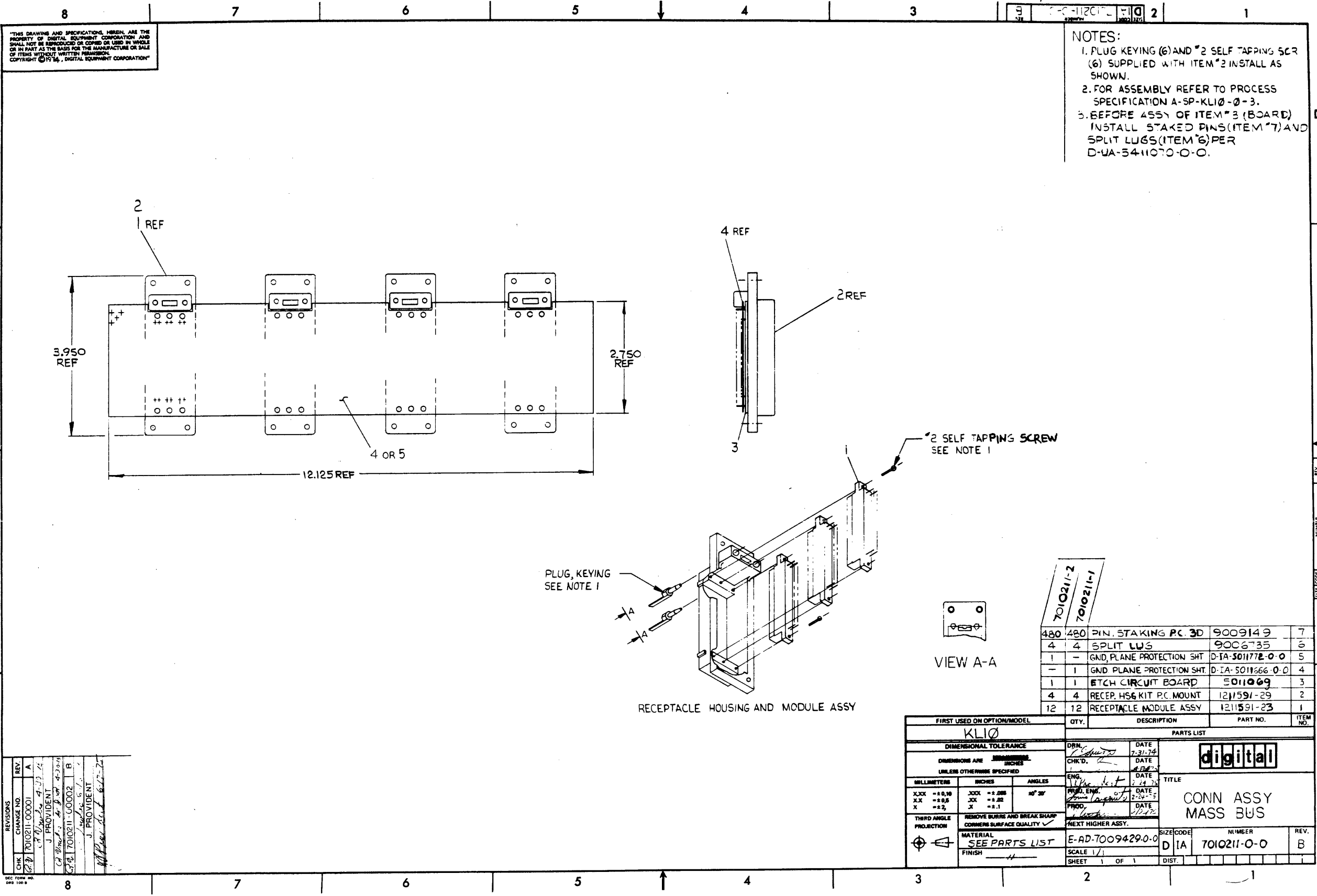
WIRE TABLE						
ITEM NO	DESCRIPTION	FROM	TO	CONN	TERM	CONN
9	22	BLK	S1-G	10 & 11	S2-G	10 & 11
			S3-G	10 & 11	S4-G	10 & 11
10		BLK	J1-2	6	J1-1	6
11		CRN	S1-P	10 & 11	S2-P	10 & 11
			S3-P	10 & 11	S4-P	
12		CRN	J1-3	6	S2-L	
13	22	YEL	S1-L	10 & 11	S4-L	10 & 11
			S3-L	10 & 11		
14		YEL	J1-4	6		

8	CABLE TIES	9007032	13
1	LABEL ADHESIVE BLACK	9009255	12
12	SHRINKABLE TUBING	907305-02	11
12	TERMINAL QUICK CONNECT	9009137-01	10
A/R	WIRE, 22 AWG STRD (BLK)	907350-00	9
A/R	WIRE, 22 AWG STRD (CRN)	907350-33	8
A/R	WIRE, 22 AWG STRD (YEL)	907350-44	7
4	TERMINAL SKT CONTACT	1209379-06	6
4	NUT, KEPS 6-32	9006560	5
4	SCR PH +D PAN 6-32 x .38	9006022-1	4
1	CONN SKT HSG 4 PIN	1209360-04	3
4	VANE SWITCH SPST M.O.	120756	2
1	BRACKET, SWITCH	0-10244328-0-0	1

THIRD ANGLE PROJECTION		DRN: M. J. [Signature] 6-16-75		FIRST USED ON: KLIC digital	
REMOVE BURRS AND BREAK SHARP CORNERS		CHK'D: B. Hovey 6-22-75		TITLE: VANE SWITCH ASSY.	
DO NOT SCALE DWG		NEXT HIGHER ASSY: E-AD-7010101-0-0		SIZE: D 1A	
MATERIAL: SEE PARTS LIST		SCALE: 1/1		NUMBER: 7011520-C-0	
FINISH: [Symbol]		SHEET: 1 OF 1		DIST: [Blank]	

REV.	CHANGE NO.	DATE
1	1	6-16-75

DEC FORM NO. DRD 100-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 © 1974, DIGITAL EQUIPMENT CORPORATION

- NOTES:
1. PLUG KEYING (6) AND "2 SELF TAPPING SCR (6) SUPPLIED WITH ITEM "2 INSTALL AS SHOWN.
 2. FOR ASSEMBLY REFER TO PROCESS SPECIFICATION A-SP-KLI0-0-3.
 3. BEFORE ASSY OF ITEM "3 (BOARD) INSTALL STAKED PINS (ITEM "7) AND SPLIT LUGS (ITEM "6) PER D-UA-5411070-0-0.

REV	DATE	BY	CHK
A	7-31-74	J. PROVIDENT	J. PROVIDENT
B	8-17-74	J. PROVIDENT	J. PROVIDENT
C	8-17-74	J. PROVIDENT	J. PROVIDENT
D	8-17-74	J. PROVIDENT	J. PROVIDENT

QTY.	DESCRIPTION	PART NO.	ITEM NO.
480	PIN STAKING PC. 3D	9009149	7
4	SPLIT LUGS	9006735	6
1	GND. PLANE PROTECTION SHT	D-IA-5011772-0-0	5
1	GND. PLANE PROTECTION SHT	D-IA-5011666-0-0	4
1	ETCH CIRCUIT BOARD	5011069	3
4	RECEP. HSG KIT P.C. MOUNT	1211591-29	2
12	RECEPTACLE MODULE ASSY	1211591-23	1

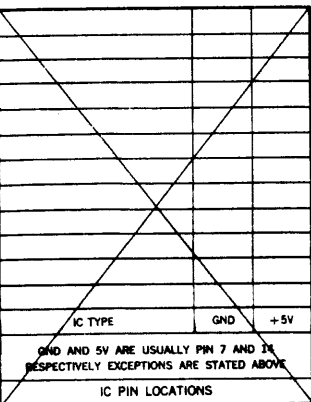
FIRST USED ON OPTION/MODEL		KLI0	
DIMENSIONAL TOLERANCE		UNLESS OTHERWISE SPECIFIED	
MILLIMETERS	INCHES	ANGLES	
X.XX ±0.10	XX ±0.005	XX' XX"	
X.X ±0.05	XX ±0.002	XX' XX"	
X ±0.2	X ±0.1	XX' XX"	
THIRD ANGLE PROJECTION	REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY	NEXT HIGHER ASSY.	
MATERIAL	SEE PARTS LIST	E-AD-7009429-0-0	
FINISH		SCALE 1/1	
SHEET 1 OF 1		DIST.	

DRN.	DATE	digital
CHK'D.	DATE	
ENG.	DATE	
PROG. ENG.	DATE	TITLE
PROG.	DATE	
PROG.	DATE	

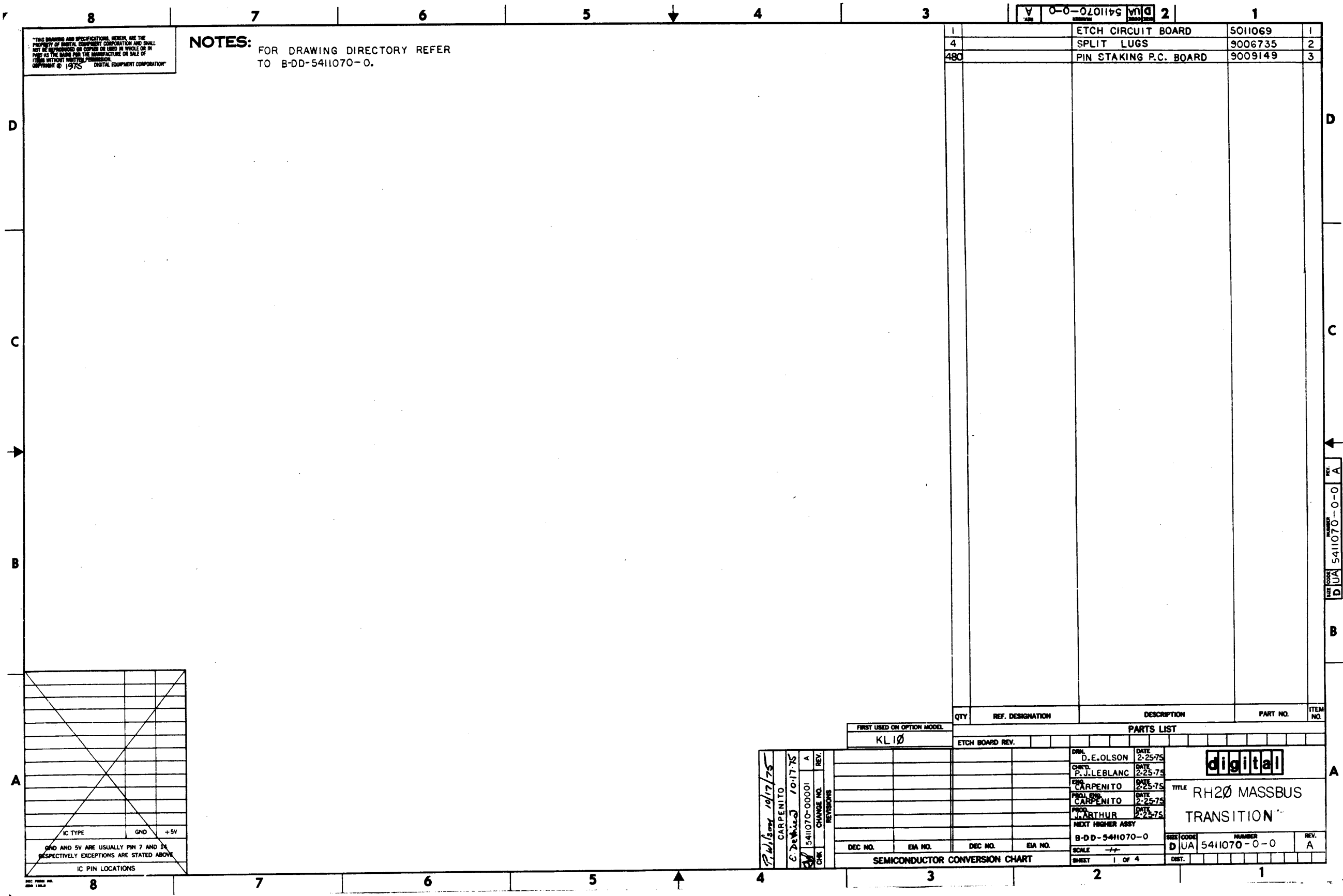
SIZE CODE	NUMBER	REV.
D IA	7010211-0-0	B

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

NOTES: FOR DRAWING DIRECTORY REFER TO B-DD-5411070-0.



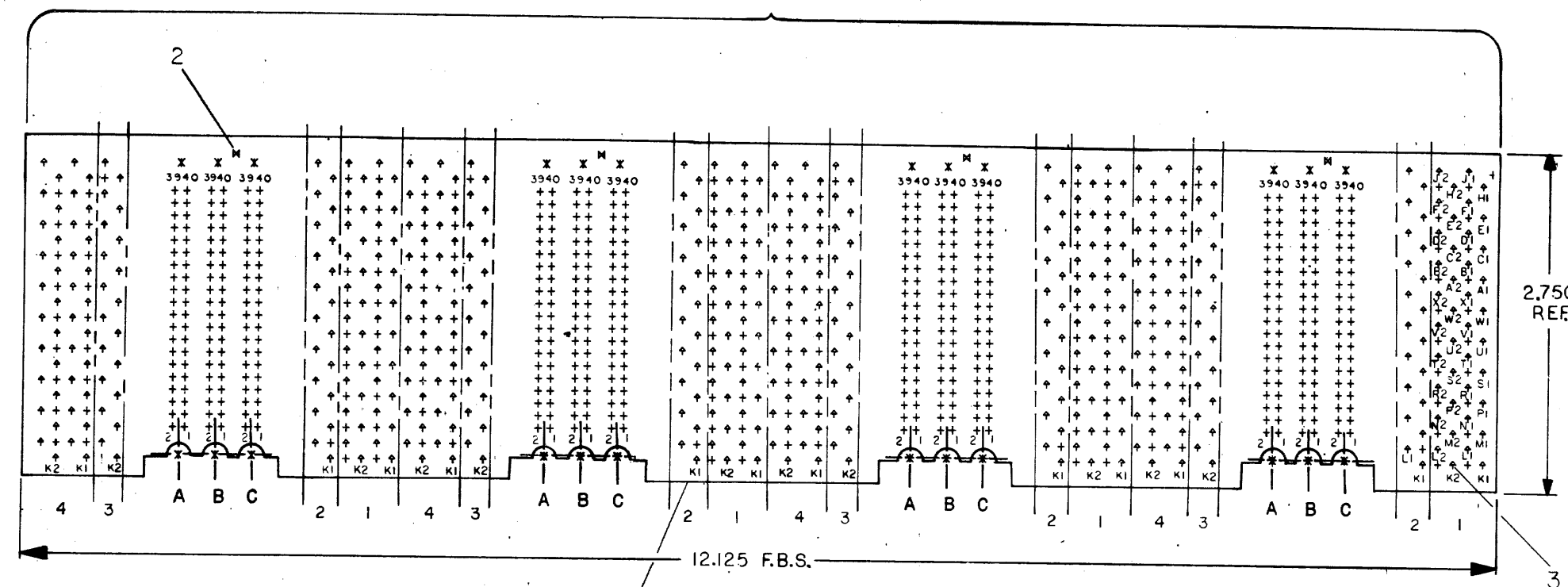
V		0-0-5411070-0	D UA	2	1	
1			ETCH CIRCUIT BOARD		5011069	1
4			SPLIT LUGS		9006735	2
480			PIN STAKING P.C. BOARD		9009149	3



THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION. NO PART OF THIS DRAWING OR SPECIFICATIONS 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 DIGITAL EQUIPMENT CORPORATION.

0-0-0-070119S 2 1

THESE ARE STEP AND REPEAT CIRCUITS
NUMBERS 1,2,3,4 DO NOT INDICATE LOGIC SLOTS



↑ INDICATES ITEM 3
X INDICATES ITEM 2

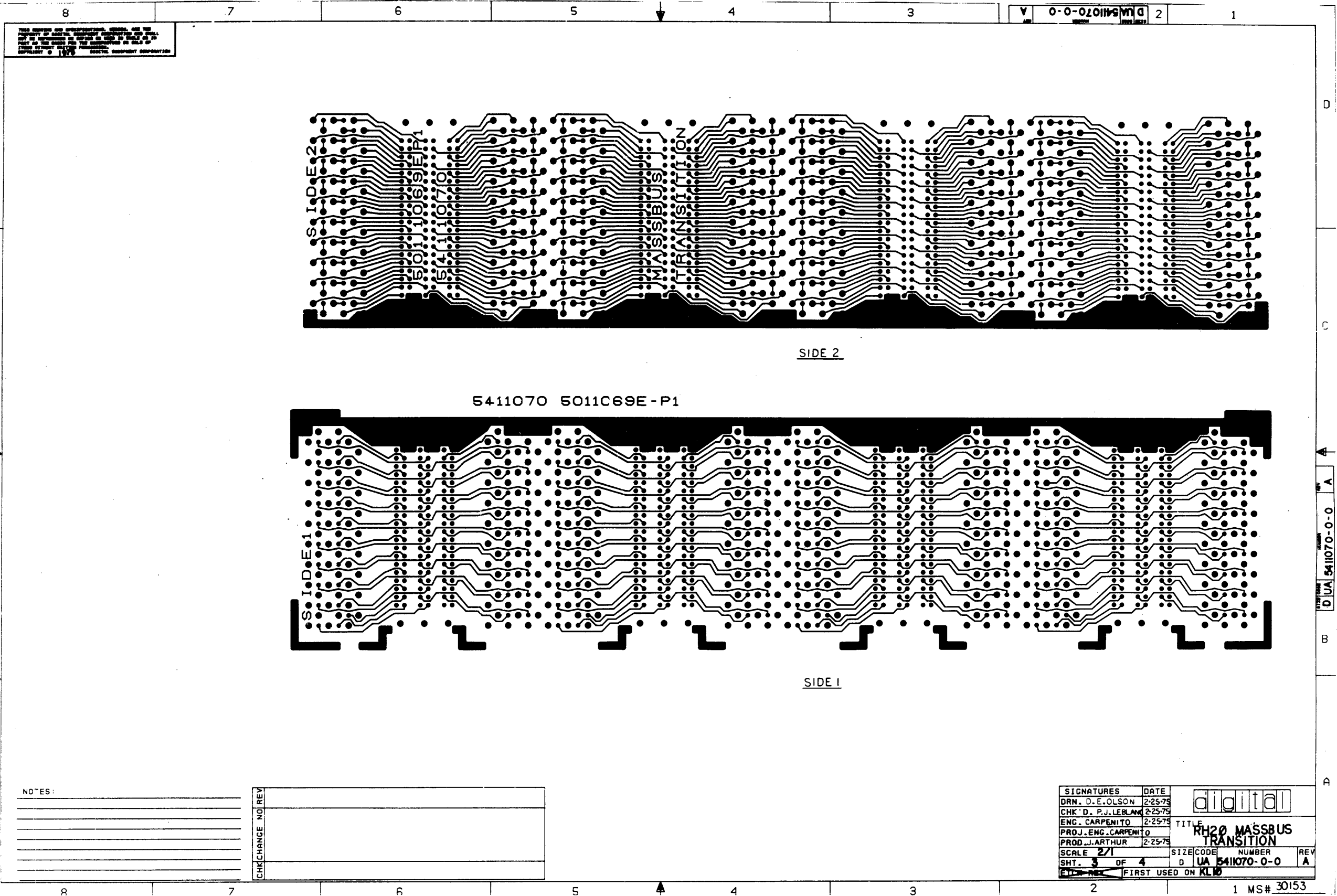
SIDE 1

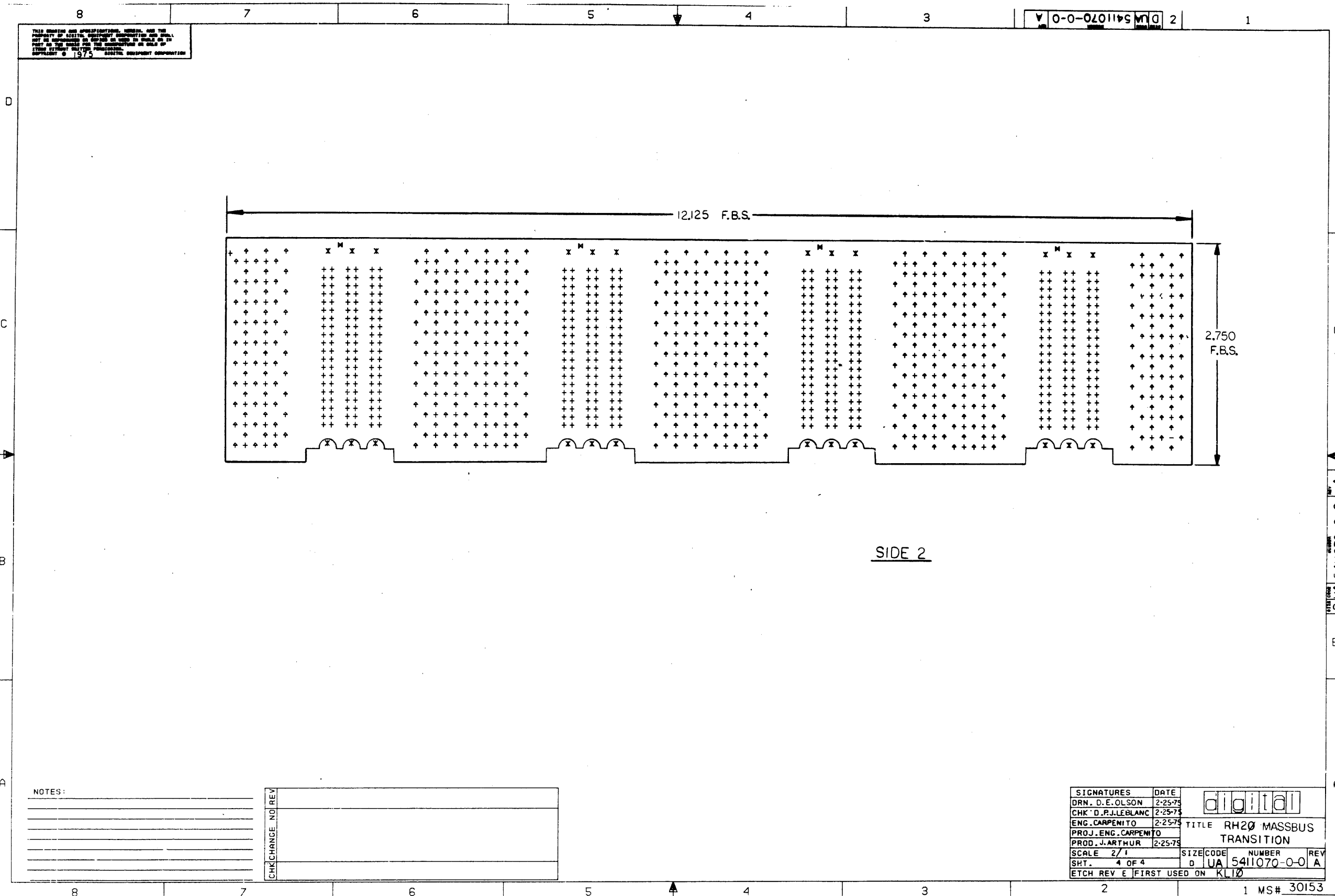
NOTES:

CHANGE NO	REV

SIGNATURES	DATE	digital
DRN. D.E. OLSON	2-25-79	
CHK. D.P.J. LEBLANC	2-25-79	TITLE RH20 MASSBUS TRANSITION
ENG. CARPENITO	2-25-79	
PROJ. ENG. CARPENITO	2-25-79	SCALE 2/1
PROD. J. ARTHUR	2-25-79	
SHT. 2 OF 4		SIZE CODE NUMBER REV
ETCH REV E FIRST USED ON		

1 MS# 30153





THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR USED IN WHOLE OR IN PART IN THE MAKING OF THE CONSTRUCTION OR COPY OF ANYTHING WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1975 DIGITAL EQUIPMENT CORPORATION

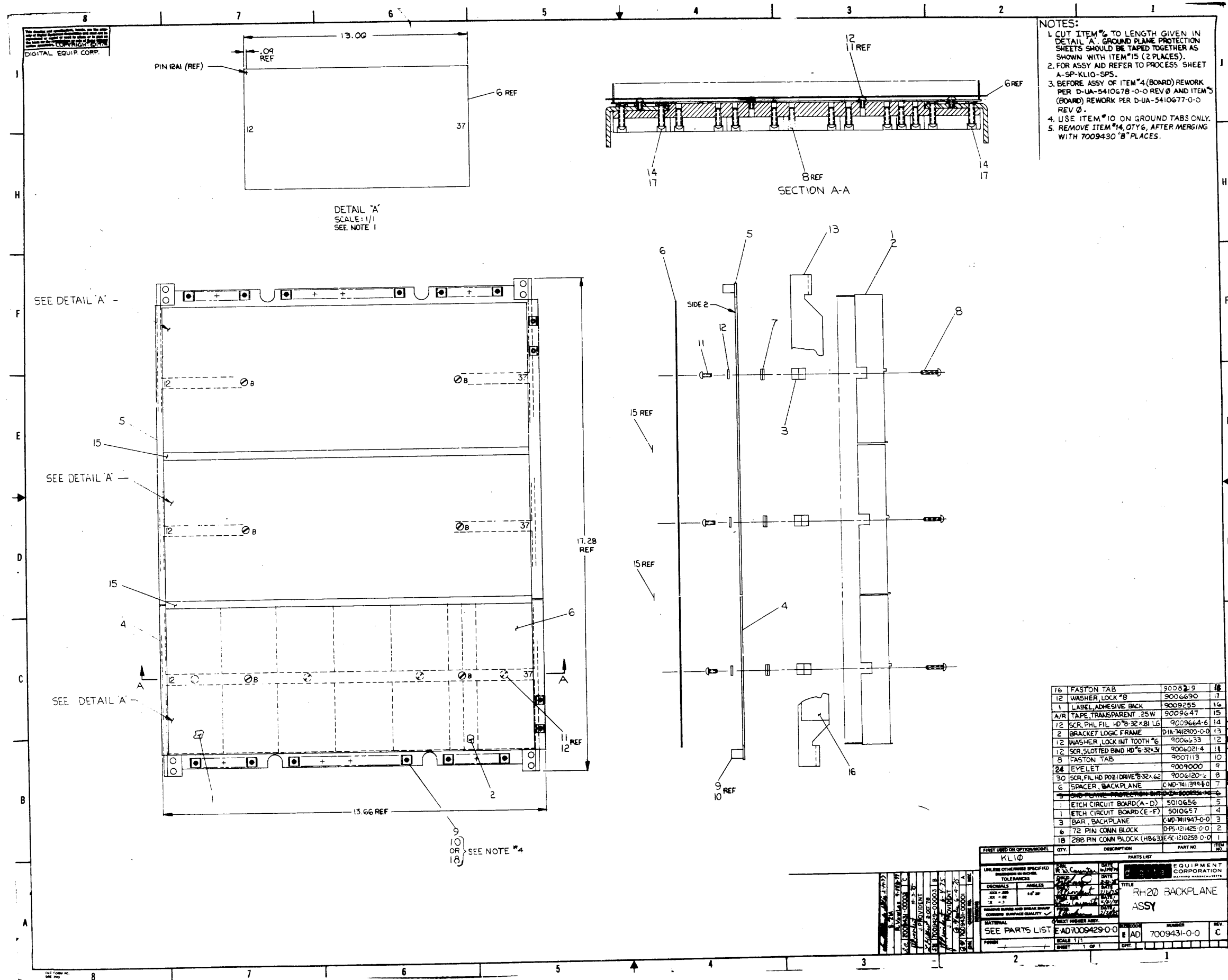
0-0-0-0201115 D 2

NOTES:

CHK	CHANGE	NO	REV

SIGNATURES		DATE	digital		
DRN. D.E. OLSON		2-25-75			
CHK'D P.J. LEBLANC		2-25-75			
ENG. CARPENITO		2-25-75			
PROJ. ENG. CARPENITO		2-25-75			
PROD. J. ARTHUR			TITLE RH20 MASSBUS TRANSITION		
SCALE 2/1		SIZE	CODE	NUMBER	REV
SHT. 4 OF 4		D	UA	5411070-0-0	A
ETCH REV E FIRST USED ON KL10					

1 MS# 30153



- NOTES:
1. CUT ITEM #6 TO LENGTH GIVEN IN DETAIL 'A'. GROUND PLANE PROTECTION SHEETS SHOULD BE TAPED TOGETHER AS SHOWN WITH ITEM #15 (2 PLACES).
 2. FOR ASSY AID REFER TO PROCESS SHEET A-SP-KL10-SP5.
 3. BEFORE ASSY OF ITEM #4 (BOARD) REWORK PER D-UA-5410678-0-0 REV 0 AND ITEM #3 (BOARD) REWORK PER D-UA-5410677-0-0 REV 0.
 4. USE ITEM #10 ON GROUND TABS ONLY.
 5. REMOVE ITEM #14 QTY 6, AFTER MERGING WITH 7009430 'B' PLACES.

16	FASTON TAB	9008919	16
12	WASHER, LOCK #8	9006690	17
1	LABEL, ADHESIVE BACK	9009255	14
A/R	TAPE, TRANSPARENT .25W	9009447	15
12	SCR, PHL FIL HD 78-32x81 L6	9009664-6	14
2	BRACKET LOGIC FRAME	DIA-141800-0-0	13
12	WASHER, LOCK INT TOOTH #6	9006633	12
12	SCR, SLOTTED BIND HD 78-32x34	9007113	11
8	FASTON TAB	9009000	9
24	EYELET	9006120-4	8
30	SCR, FIL HD P021 DRIVE 78-32x62	CMD-7411394-0	7
6	SPACER, BACKPLANE	CMD-7411394-0	6
1	ETCH CIRCUIT BOARD (A-D)	5010656	5
1	ETCH CIRCUIT BOARD (E-F)	5010657	4
3	BAR, BACKPLANE	CMD-7411947-0-0	3
6	72 PIN CONN BLOCK	DPS-121425-0-0	2
18	288 PIN CONN BLOCK (HB63)	ESC-1210258-0-0	1

FIRST USED ON OPTION/MODEL		QTY.		DESCRIPTION		PART NO.		ITEM NO.	
KL10									
UNLESS OTHERWISE SPECIFIED		TOLERANCES		DECIMALS		ANGLES		EQUIPMENT CORPORATION	
SEE PARTS LIST		EAD7009429-0-0		SCALE 1/1		DIVT		REV	
FINISH		1 OF 1		DIVT		REV		C	

87515

Copyright © 1975

DIGITAL EQUIPMENT CORP.

8

7

6

5

4

3

2

1

1

12

12

ETCHED CIRCUIT BOARD

TAB FASTON

EYELET

5010657

9007113

9009000

REWORK INSTRUCTIONS

ETCH CUTS SIDE 2 AS SHOWN

1 CUT ETCH IN ROW "A" AT PTH BELOW -5V.

2 CUT ETCH IN ROW "B" AT PTH BELOW PIN BVI.

QTY

REF DESIGNATION

DESCRIPTION

PART NO.

ITEM NO.

KL10

ETCH BOARD-REV

DRN.

CHK'D

ENG.

PROV. ENR.

PRD.

DATE

DATE

DATE

DATE

DATE

DATE

1-2-75

2-2-75

2-2-75

2-2-75

2-2-75

2-2-75

digital EQUIPMENT CORPORATION

MAYNARD MASSACHUSETTS

TITLE

RH20 I/O

BACKPLANE *2 A TO D

DEC NO.

EIA NO.

DEC NO.

EIA NO.

B-DD-5410678-0

D

UA

5410678-0-0

A

SEMICONDUCTOR CONVERSION CHART

SCALE

SHEET

1

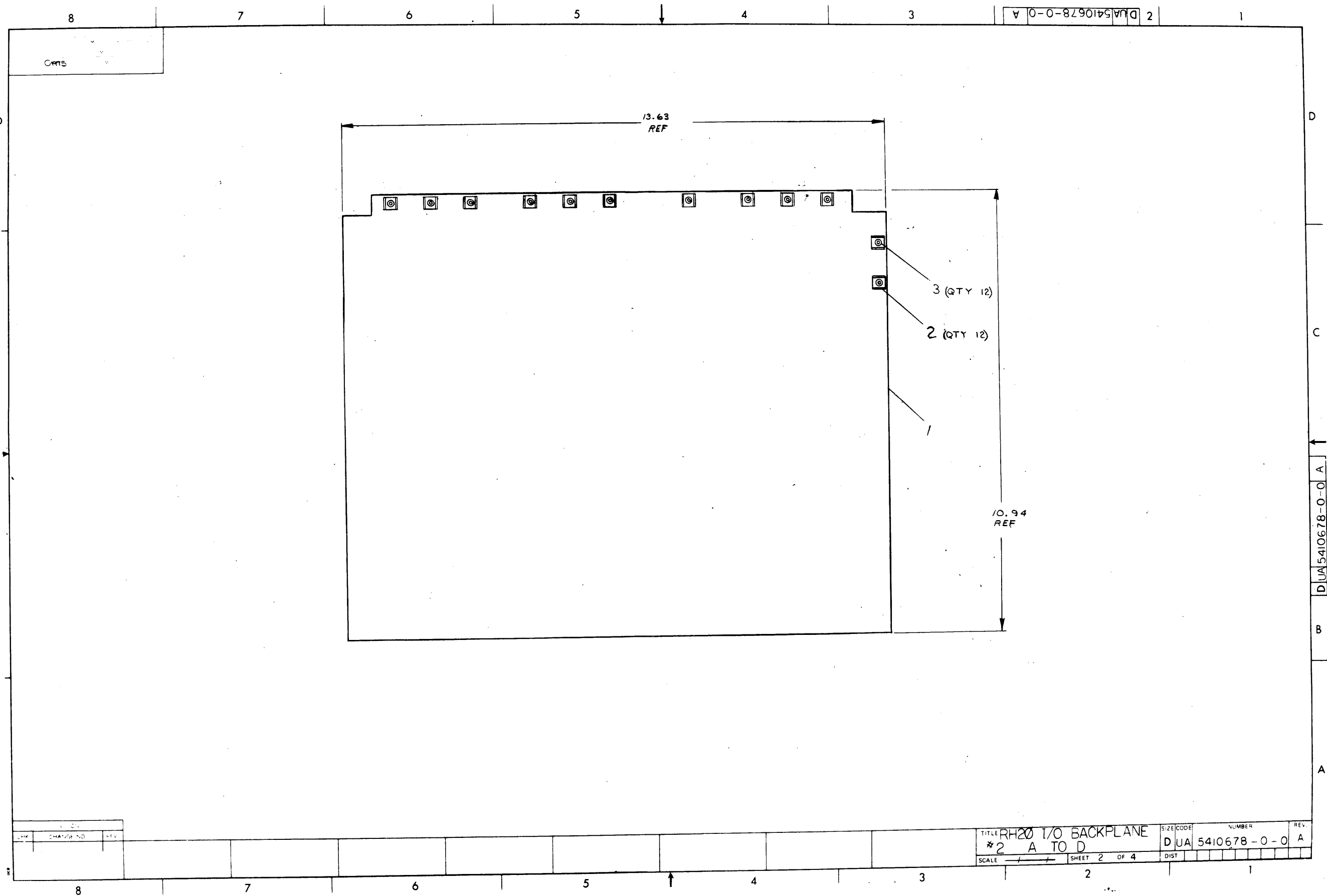
OF

4

BRUNING 45-107 1964S

DEC FORM NO

DRD-135



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

LAYER 4

0 200P2JE-61 2+10P28
0 200P2JE-61 2+10P28
0 200P2JE-61 2+10P28
0 200P2JE-61 2+10P28

210ES

+2 BVD +2 BVD +2 BVD +2 BVD +2 BVD +2 BVD +2 BVD +2 BVD

REVISIONS		
CHK	CHANGE NO	REV

TITLE RH20 I/O BACPLANE		SIZE CODE	NUMBER		REV
2 A TO D		D	UA 5410678-0-0		A
SCALE	SHEET 4 OF 4	DIST			

NOTES:
1. FOR DRAWING DIRECTORY REFER TO B-DD-5410677-0

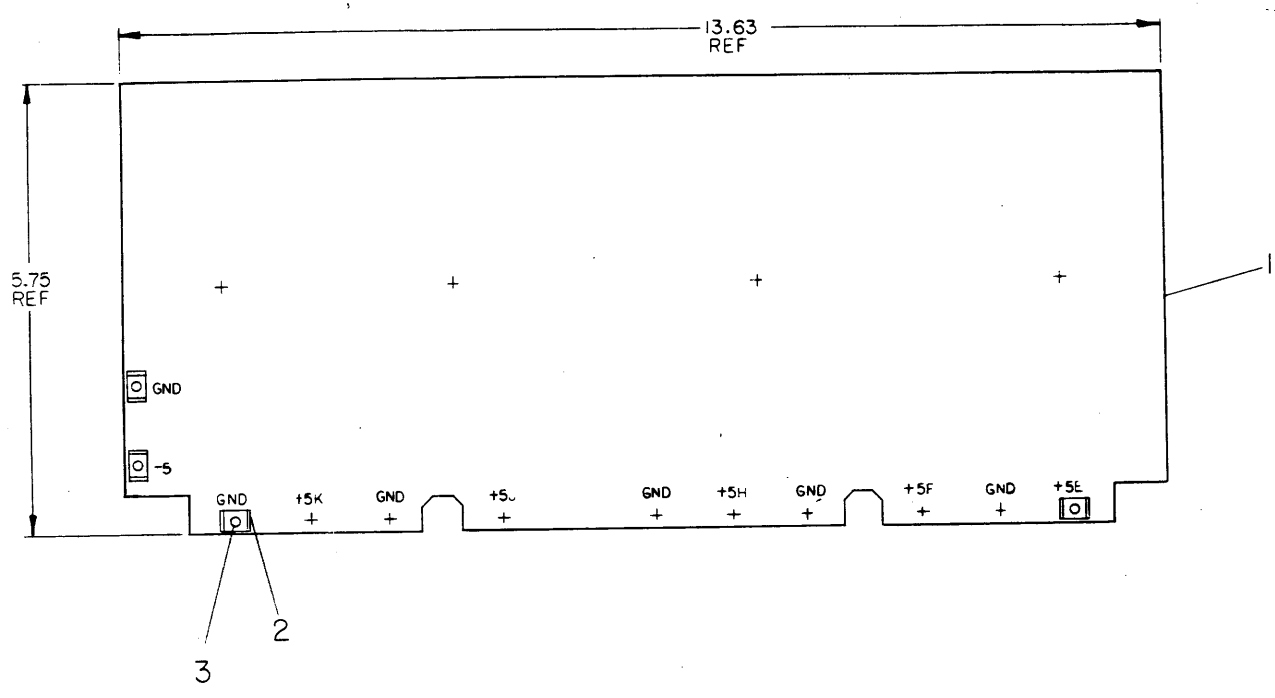
1	ETCHED CIRCUIT BOARD	5010656	1
5	FASTON TAB	9007113	2
12	EYELET	9009000	3
7	FASTON, TAB	9008219	4

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

FIRST USED OR OPTION MODEL		PARTS LIST									
KL10		ETCH BOARD SET									

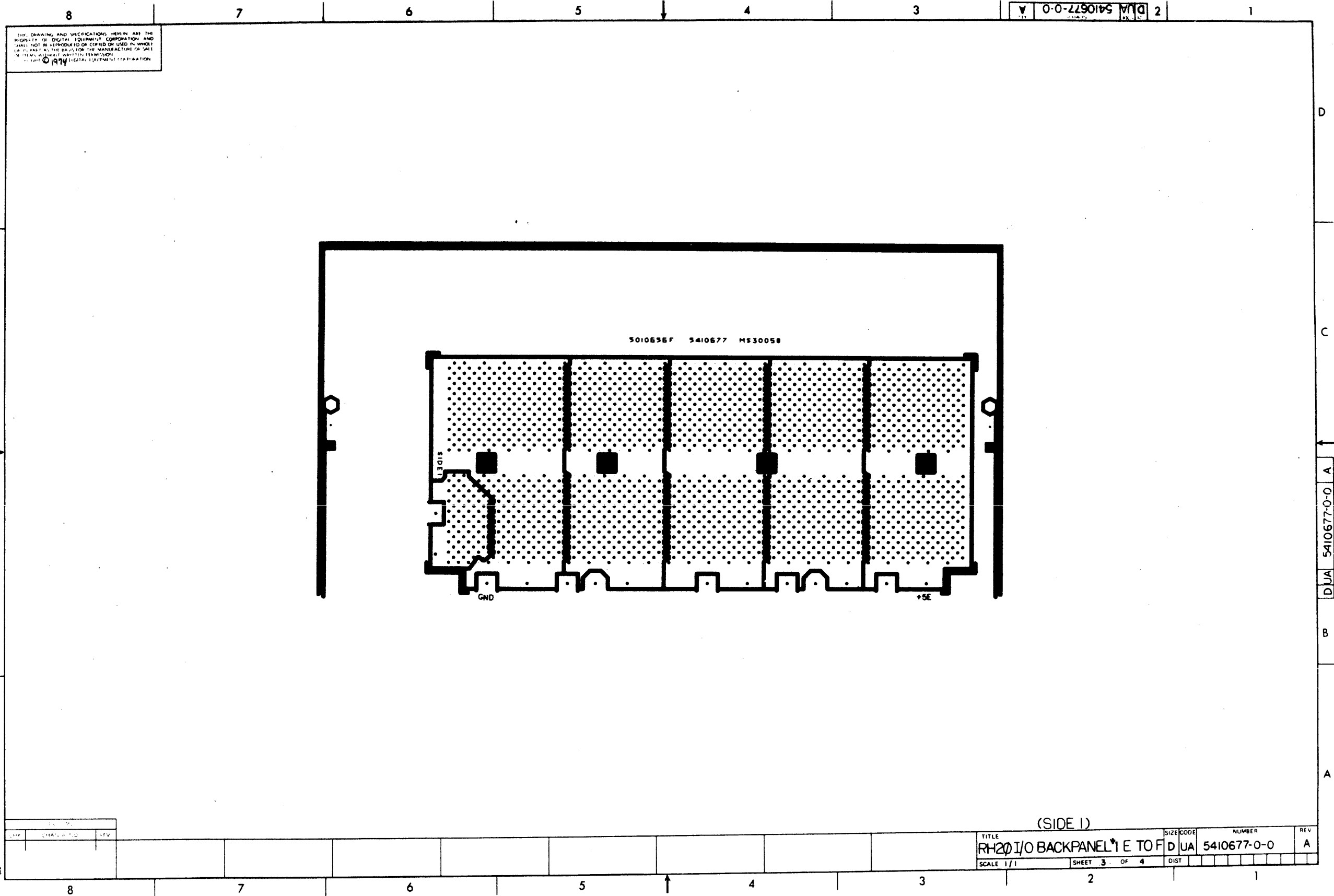
[illegible]

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. COPYRIGHT © 1974 DIGITAL EQUIPMENT CORPORATION



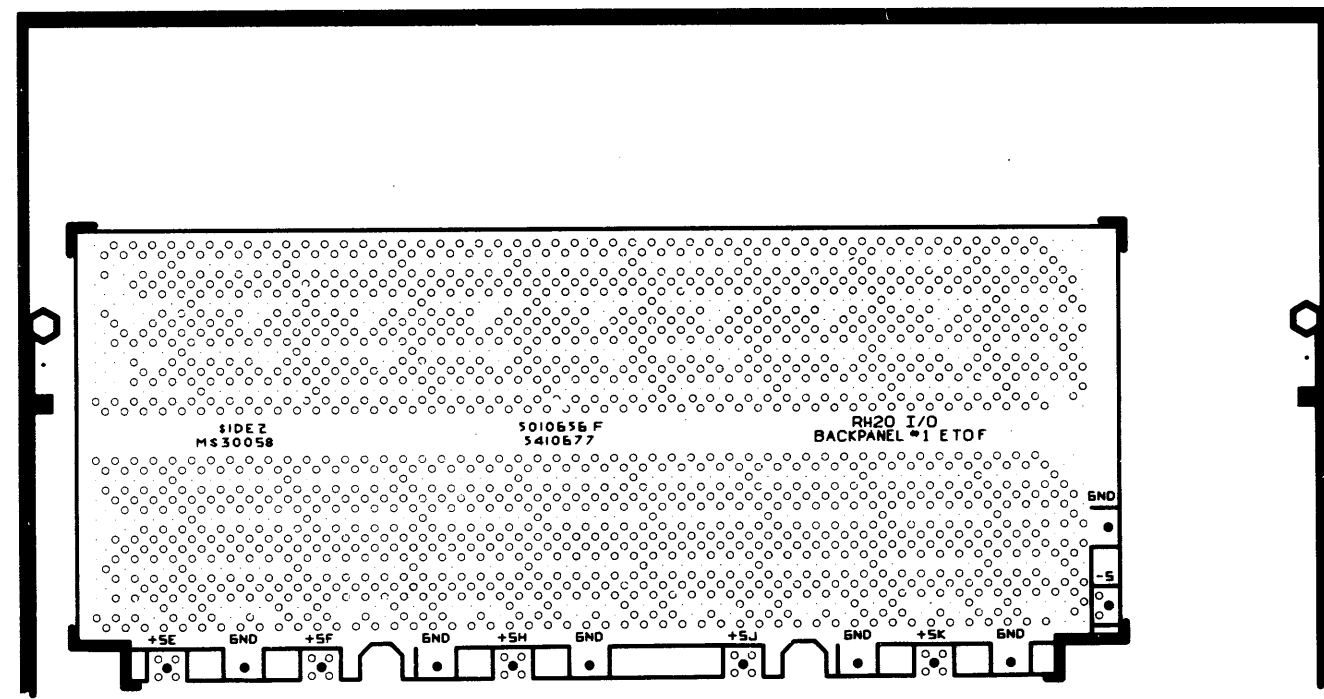
REVISIONS		
CHK	CHANGE NO	REV

TITLE		SIZE CODE	NUMBER	REV.
RH20 I/O BACKPANEL E TO F		DUA	5410677-C-0	A
SCALE 1/1		SHEET 2 OF 4	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 © 1974 DIGITAL EQUIPMENT CORPORATION

REV A 5410677-0-0 2



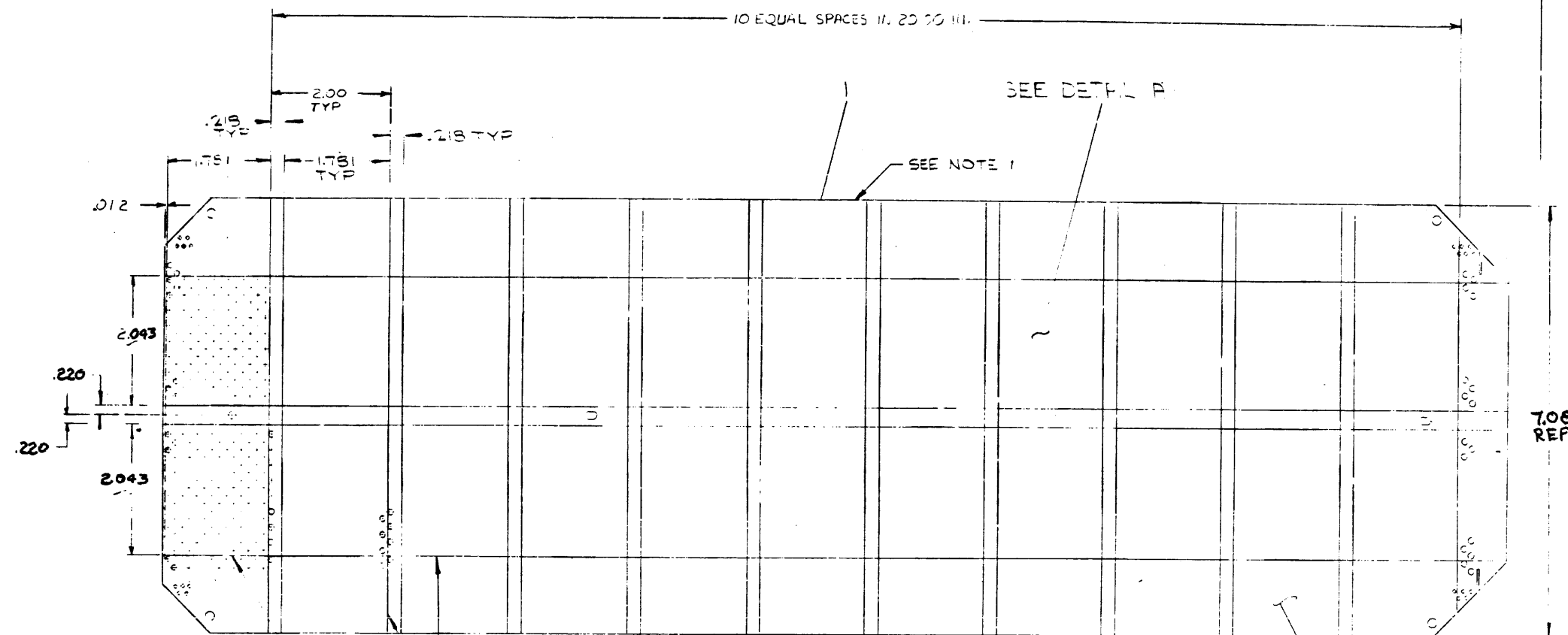
CHK	CHANGE NO	REV

(SIDE 2)		TITLE	SIZE CODE	NUMBER	REV
		RH20 I/O BACKPANEL *1 E TO F	D UA	5410677-0-0	A
SCALE 1/1		SHEET 4 OF 4	DIST.		

This drawing is the property of Digital Equipment Corporation and shall not be reproduced or copied in whole or in part without the express written permission of Digital Equipment Corporation.

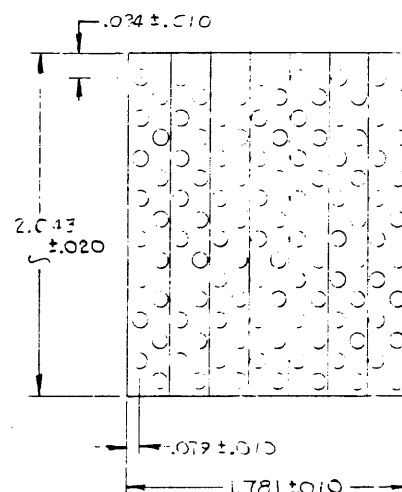
NOTES:

1. REWORK DEC PART 5009783 TO PRODUCE 22 PLS OF 5009784 BY CUTTING AS SHOWN
2. DETAIL A REPRESENTS THE FINISHED DIMENSION OF PART 5009784



(22 CUT LINES TO BE TANGENT TO HOLES AS SHOWN)

PATTERN TO BE TYPICAL 22 PLACES



DETAIL A
SCALE 2/1
22 PLACES
SEE NOTE #2

FIRST OPTION MODEL		QTY	DESCRIPTION	PART NO	ITEM NO
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES					
DECIMALS	ANGLES	ENG	DATE	TITLE	
XXX .XX	± 30	PROJ ENG	DATE	GROUND PLANE ASSY I/O CONN.	
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY		PROD	DATE	NEXT HIGHER ASSY	
MATERIAL		SEE NOTE #1		SIZE CODE	NUMBER
FINISH		SCALE		DIA 5009784-0-0	REV A
		SHEET 1 OF 1		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.

WIRE TABLE

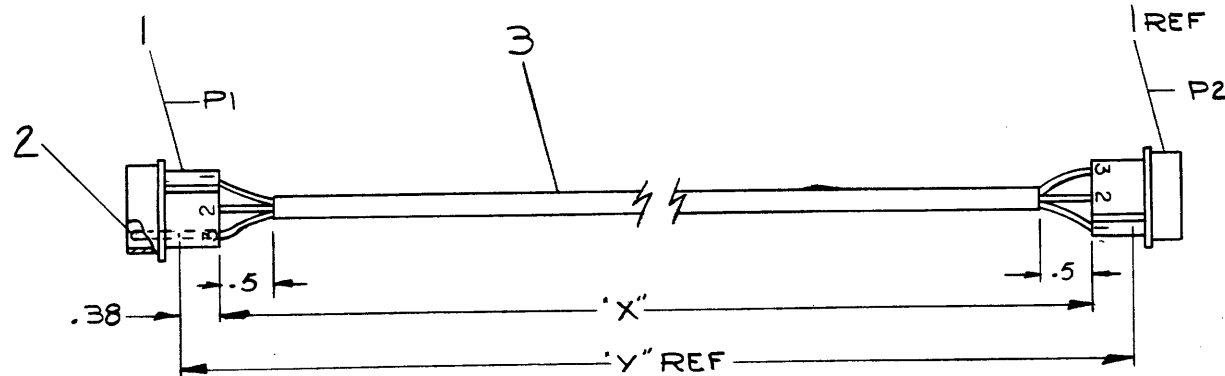
ITEM NO	DESCRIPTION	FROM		TO	
		AWG	COLOR	CONNECTION	WITH
3	22	RED	PI-1	2	P2-1
3	22	BLK	PI-2	2	P2-2
3	22	GRN	PI-3	2	P2-3

LEGEND

NUMBER	DIM X VARIATION	DIM Y (PRECUT) REF
7008288-3F	3FT. 6IN ± 1IN.	3FT. 6.8IN ± 1IN.
7008288-8F	8FT. 6IN ± 2IN.	8FT. 6.8IN ± 2IN.
7008288-06	6FT. ± 2IN.	6FT. 0.8IN ± 2IN.
7008288-12	12FT. ± 3IN.	12FT. 0.8IN ± 3IN.
7008288-05	5FT. ± 1IN.	5FT. 0.8IN ± 2IN.
7008288-10	10FT. ± 2IN.	10FT. 0.8IN ± 3IN.
7008288-15	15FT. ± 3IN.	15FT. 0.8IN ± 3IN.
7008288-08	8FT. ± 2IN.	8FT. 0.8IN ± 2IN.
7008288-30	30FT. ± 7IN.	30FT. 0.8IN ± 7IN.
7008288-40	40FT. ± 10IN.	40FT. 0.8IN ± 10IN.

NOTES:

~~THE REMAINING BLK WIRE IS TO BE CUT BACK AT JACKET (BOTH ENDS)~~



REVISIONS		REV.
CHK	CHANGE NO.	
1	7008288-00001	A
2	7008288-00002	B
3	7008288-00003	C
4	7008288-00004	D
5	7008288-00005	E
6	7008288-00006	F
7	7008288-00007	G
8	7008288-00008	H
9	7008288-00009	I
10	7008288-00010	J
11	7008288-00011	K
12	7008288-00012	L
13	7008288-00013	M
14	7008288-00014	N
15	7008288-00015	O
16	7008288-00016	P
17	7008288-00017	Q
18	7008288-00018	R
19	7008288-00019	S
20	7008288-00020	T
21	7008288-00021	U
22	7008288-00022	V
23	7008288-00023	W
24	7008288-00024	X
25	7008288-00025	Y
26	7008288-00026	Z
27	7008288-00027	AA
28	7008288-00028	AB
29	7008288-00029	AC
30	7008288-00030	AD
31	7008288-00031	AE
32	7008288-00032	AF
33	7008288-00033	AG
34	7008288-00034	AH
35	7008288-00035	AI
36	7008288-00036	AJ
37	7008288-00037	AK
38	7008288-00038	AL
39	7008288-00039	AM
40	7008288-00040	AN
41	7008288-00041	AO
42	7008288-00042	AP
43	7008288-00043	AQ
44	7008288-00044	AR
45	7008288-00045	AS
46	7008288-00046	AT
47	7008288-00047	AU
48	7008288-00048	AV
49	7008288-00049	AW
50	7008288-00050	AX
51	7008288-00051	AY
52	7008288-00052	AZ
53	7008288-00053	BA
54	7008288-00054	BB
55	7008288-00055	BC
56	7008288-00056	BD
57	7008288-00057	BE
58	7008288-00058	BF
59	7008288-00059	BG
60	7008288-00060	BH
61	7008288-00061	BI
62	7008288-00062	BJ
63	7008288-00063	BK
64	7008288-00064	BL
65	7008288-00065	BM
66	7008288-00066	BN
67	7008288-00067	BO
68	7008288-00068	BP
69	7008288-00069	BQ
70	7008288-00070	BR
71	7008288-00071	BS
72	7008288-00072	BT
73	7008288-00073	BU
74	7008288-00074	BV
75	7008288-00075	BW
76	7008288-00076	BX
77	7008288-00077	BY
78	7008288-00078	BZ
79	7008288-00079	CA
80	7008288-00080	CB
81	7008288-00081	CC
82	7008288-00082	CD
83	7008288-00083	CE
84	7008288-00084	CF
85	7008288-00085	CG
86	7008288-00086	CH
87	7008288-00087	CI
88	7008288-00088	CJ
89	7008288-00089	CK
90	7008288-00090	CL
91	7008288-00091	CM
92	7008288-00092	CN
93	7008288-00093	CO
94	7008288-00094	CP
95	7008288-00095	CQ
96	7008288-00096	CR
97	7008288-00097	CS
98	7008288-00098	CT
99	7008288-00099	CU
100	7008288-00100	CV

FIRST USED ON OPTION/MODEL
PDP/11

UNLESS OTHERWISE SPECIFIED	
UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES	
TOLERANCES	
DECIMALS	FRACTIONS
± .005	± 1/16
ANGLES	
± 0°30'	
FINAL SURFACE QUALITY	
REMOVE BURRS AND BREAK SHARP CORNERS	
MATERIAL	
SEE PARTS LIST	
FINISH	
H	

A/R	WIRE, 3 COND #22 AWG	9107756	3
G	PIN MALE #60620-1	1209378-03	2
Z	PIN HOUSING #1-480305-0	1209351-03	1
QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS			
TITLE CABLE ASSY			
D-1A-RK02-0-0		SIZE CODE C1A	NUMBER 7008288-0-0
SCALE H		DIST. G	REV. H
SHEET 1 OF 1		1	

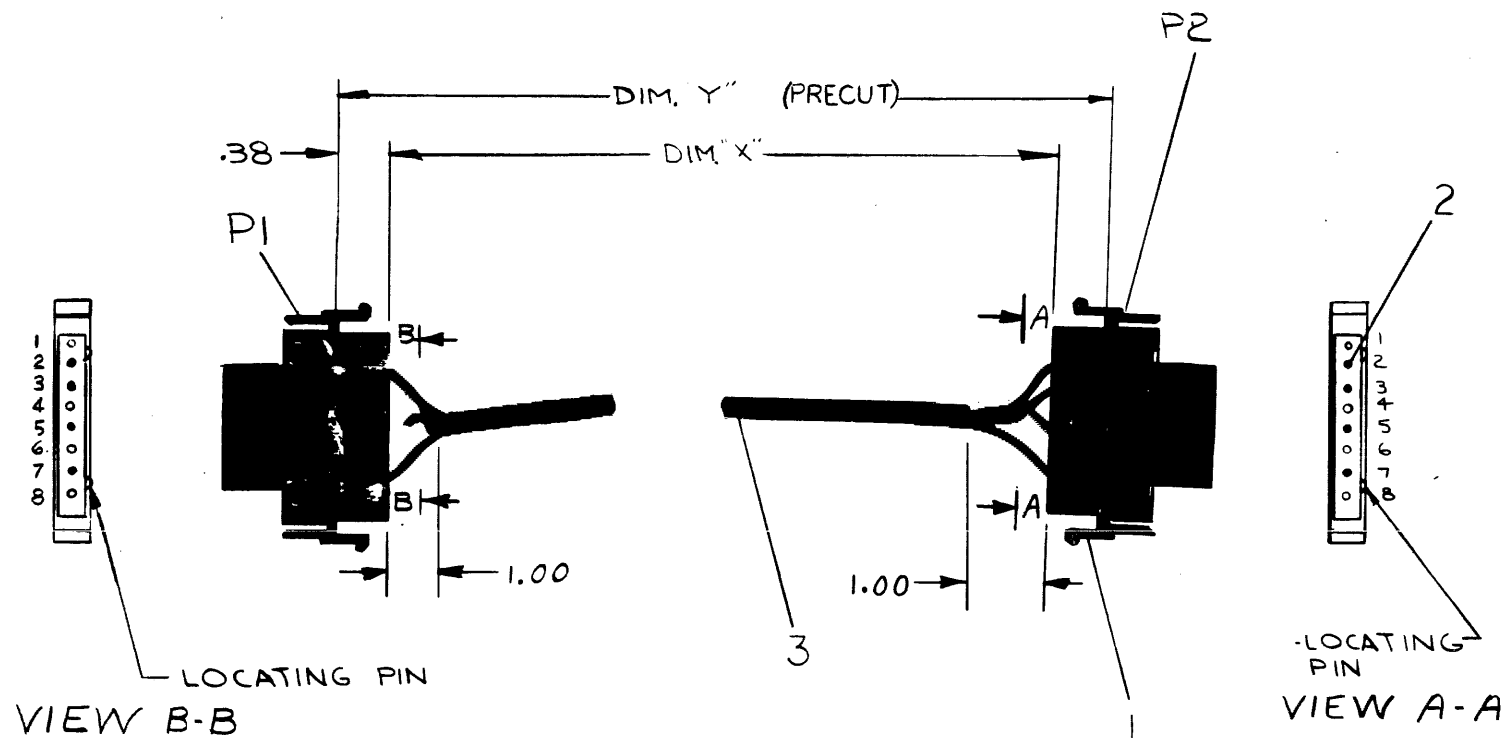
This drawing and specifications, herein, are the property of Digital Equipment Corporation and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.

LEGEND

NUMBER	DIM "X" VARIATION	DIM "Y" (PRECUT) REF
BC05F-15	15 FT. $\pm$ 3 IN.	15 FT. .75 IN. $\pm$ 3 IN.
BC05F-9	9 FT. $\pm$ 3 IN.	9 FT. .75 IN. $\pm$ 3 IN.

WIRE TABLE

ITEM NO	DESCRIPTION	FROM	TO
AWG	COLOR	CONNECTION	CONNECTION
3	22	BLK	P1-2
3	22	RED	P1-3
3	22	WHT	P1-5
3	22	GRN	P1-7



REV.	CHANGE NO.	CHK	DATE
A	BC05F-00001	R. FITCH	11-5-71
B	LA36-00119	R. FITCH	11-9-71
C	BC05F-00002	R. FITCH	7-17-75
D	BC05F-00003	R. FITCH	7-18-75
E	BC05F-00004	R. FITCH	7-18-75
F	BC05F-00005	R. FITCH	7-18-75
G	BC05F-00006	R. FITCH	7-18-75
H	BC05F-00007	R. FITCH	7-18-75
I	BC05F-00008	R. FITCH	7-18-75
J	BC05F-00009	R. FITCH	7-18-75
K	BC05F-00010	R. FITCH	7-18-75
L	BC05F-00011	R. FITCH	7-18-75
M	BC05F-00012	R. FITCH	7-18-75
N	BC05F-00013	R. FITCH	7-18-75
O	BC05F-00014	R. FITCH	7-18-75
P	BC05F-00015	R. FITCH	7-18-75
Q	BC05F-00016	R. FITCH	7-18-75
R	BC05F-00017	R. FITCH	7-18-75
S	BC05F-00018	R. FITCH	7-18-75
T	BC05F-00019	R. FITCH	7-18-75
U	BC05F-00020	R. FITCH	7-18-75
V	BC05F-00021	R. FITCH	7-18-75
W	BC05F-00022	R. FITCH	7-18-75
X	BC05F-00023	R. FITCH	7-18-75
Y	BC05F-00024	R. FITCH	7-18-75
Z	BC05F-00025	R. FITCH	7-18-75
AA	BC05F-00026	R. FITCH	7-18-75
AB	BC05F-00027	R. FITCH	7-18-75
AC	BC05F-00028	R. FITCH	7-18-75
AD	BC05F-00029	R. FITCH	7-18-75
AE	BC05F-00030	R. FITCH	7-18-75
AF	BC05F-00031	R. FITCH	7-18-75
AG	BC05F-00032	R. FITCH	7-18-75
AH	BC05F-00033	R. FITCH	7-18-75
AI	BC05F-00034	R. FITCH	7-18-75
AJ	BC05F-00035	R. FITCH	7-18-75
AK	BC05F-00036	R. FITCH	7-18-75
AL	BC05F-00037	R. FITCH	7-18-75
AM	BC05F-00038	R. FITCH	7-18-75
AN	BC05F-00039	R. FITCH	7-18-75
AO	BC05F-00040	R. FITCH	7-18-75
AP	BC05F-00041	R. FITCH	7-18-75
AQ	BC05F-00042	R. FITCH	7-18-75
AR	BC05F-00043	R. FITCH	7-18-75
AS	BC05F-00044	R. FITCH	7-18-75
AT	BC05F-00045	R. FITCH	7-18-75
AU	BC05F-00046	R. FITCH	7-18-75
AV	BC05F-00047	R. FITCH	7-18-75
AW	BC05F-00048	R. FITCH	7-18-75
AX	BC05F-00049	R. FITCH	7-18-75
AY	BC05F-00050	R. FITCH	7-18-75
AZ	BC05F-00051	R. FITCH	7-18-75
BA	BC05F-00052	R. FITCH	7-18-75
BB	BC05F-00053	R. FITCH	7-18-75
BC	BC05F-00054	R. FITCH	7-18-75
BD	BC05F-00055	R. FITCH	7-18-75
BE	BC05F-00056	R. FITCH	7-18-75
BF	BC05F-00057	R. FITCH	7-18-75
BG	BC05F-00058	R. FITCH	7-18-75
BH	BC05F-00059	R. FITCH	7-18-75
BI	BC05F-00060	R. FITCH	7-18-75
BJ	BC05F-00061	R. FITCH	7-18-75
BK	BC05F-00062	R. FITCH	7-18-75
BL	BC05F-00063	R. FITCH	7-18-75
BM	BC05F-00064	R. FITCH	7-18-75
BN	BC05F-00065	R. FITCH	7-18-75
BO	BC05F-00066	R. FITCH	7-18-75
BP	BC05F-00067	R. FITCH	7-18-75
BQ	BC05F-00068	R. FITCH	7-18-75
BR	BC05F-00069	R. FITCH	7-18-75
BS	BC05F-00070	R. FITCH	7-18-75
BT	BC05F-00071	R. FITCH	7-18-75
BU	BC05F-00072	R. FITCH	7-18-75
BV	BC05F-00073	R. FITCH	7-18-75
BW	BC05F-00074	R. FITCH	7-18-75
BX	BC05F-00075	R. FITCH	7-18-75
BY	BC05F-00076	R. FITCH	7-18-75
BZ	BC05F-00077	R. FITCH	7-18-75
CA	BC05F-00078	R. FITCH	7-18-75
CB	BC05F-00079	R. FITCH	7-18-75
CC	BC05F-00080	R. FITCH	7-18-75
CD	BC05F-00081	R. FITCH	7-18-75
CE	BC05F-00082	R. FITCH	7-18-75
CF	BC05F-00083	R. FITCH	7-18-75
CG	BC05F-00084	R. FITCH	7-18-75
CH	BC05F-00085	R. FITCH	7-18-75
CI	BC05F-00086	R. FITCH	7-18-75
CJ	BC05F-00087	R. FITCH	7-18-75
CK	BC05F-00088	R. FITCH	7-18-75
CL	BC05F-00089	R. FITCH	7-18-75
CM	BC05F-00090	R. FITCH	7-18-75
CN	BC05F-00091	R. FITCH	7-18-75
CO	BC05F-00092	R. FITCH	7-18-75
CP	BC05F-00093	R. FITCH	7-18-75
CQ	BC05F-00094	R. FITCH	7-18-75
CR	BC05F-00095	R. FITCH	7-18-75
CS	BC05F-00096	R. FITCH	7-18-75
CT	BC05F-00097	R. FITCH	7-18-75
CU	BC05F-00098	R. FITCH	7-18-75
CV	BC05F-00099	R. FITCH	7-18-75
CW	BC05F-00100	R. FITCH	7-18-75
CX	BC05F-00101	R. FITCH	7-18-75
CY	BC05F-00102	R. FITCH	7-18-75
CZ	BC05F-00103	R. FITCH	7-18-75
DA	BC05F-00104	R. FITCH	7-18-75
DB	BC05F-00105	R. FITCH	7-18-75
DC	BC05F-00106	R. FITCH	7-18-75
DD	BC05F-00107	R. FITCH	7-18-75
DE	BC05F-00108	R. FITCH	7-18-75
DF	BC05F-00109	R. FITCH	7-18-75
DE	BC05F-00110	R. FITCH	7-18-75
DF	BC05F-00111	R. FITCH	7-18-75
DE	BC05F-00112	R. FITCH	7-18-75
DF	BC05F-00113	R. FITCH	7-18-75
DE	BC05F-00114	R. FITCH	7-18-75
DF	BC05F-00115	R. FITCH	7-18-75
DE	BC05F-00116	R. FITCH	7-18-75
DF	BC05F-00117	R. FITCH	7-18-75
DE	BC05F-00118	R. FITCH	7-18-75
DF	BC05F-00119	R. FITCH	7-18-75
DE	BC05F-00120	R. FITCH	7-18-75
DF	BC05F-00121	R. FITCH	7-18-75
DE	BC05F-00122	R. FITCH	7-18-75
DF	BC05F-00123	R. FITCH	7-18-75
DE	BC05F-00124	R. FITCH	7-18-75
DF	BC05F-00125	R. FITCH	7-18-75
DE	BC05F-00126	R. FITCH	7-18-75
DF	BC05F-00127	R. FITCH	7-18-75
DE	BC05F-00128	R. FITCH	7-18-75
DF	BC05F-00129	R. FITCH	7-18-75
DE	BC05F-00130	R. FITCH	7-18-75
DF	BC05F-00131	R. FITCH	7-18-75
DE	BC05F-00132	R. FITCH	7-18-75
DF	BC05F-00133	R. FITCH	7-18-75
DE	BC05F-00134	R. FITCH	7-18-75
DF	BC05F-00135	R. FITCH	7-18-75
DE	BC05F-00136	R. FITCH	7-18-75
DF	BC05F-00137	R. FITCH	7-18-75
DE	BC05F-00138	R. FITCH	7-18-75
DF	BC05F-00139	R. FITCH	7-18-75
DE	BC05F-00140	R. FITCH	7-18-75
DF	BC05F-00141	R. FITCH	7-18-75
DE	BC05F-00142	R. FITCH	7-18-75
DF	BC05F-00143	R. FITCH	7-18-75
DE	BC05F-00144	R. FITCH	7-18-75
DF	BC05F-00145	R. FITCH	7-18-75
DE	BC05F-00146	R. FITCH	7-18-75
DF	BC05F-00147	R. FITCH	7-18-75
DE	BC05F-00148	R. FITCH	7-18-75
DF	BC05F-00149	R. FITCH	7-18-75
DE	BC05F-00150	R. FITCH	7-18-75
DF	BC05F-00151	R. FITCH	7-18-75
DE	BC05F-00152	R. FITCH	7-18-75
DF	BC05F-00153	R. FITCH	7-18-75
DE	BC05F-00154	R. FITCH	7-18-75
DF	BC05F-00155	R. FITCH	7-18-75
DE	BC05F-00156	R. FITCH	7-18-75
DF	BC05F-00157	R. FITCH	7-18-75
DE	BC05F-00158	R. FITCH	7-18-75
DF	BC05F-00159	R. FITCH	7-18-75
DE	BC05F-00160	R. FITCH	7-18-75
DF	BC05F-00161	R. FITCH	7-18-75
DE	BC05F-00162	R. FITCH	7-18-75
DF	BC05F-00163	R. FITCH	7-18-75
DE	BC05F-00164	R. FITCH	7-18-75
DF	BC05F-00165	R. FITCH	7-18-75
DE	BC05F-00166	R. FITCH	7-18-75
DF	BC05F-00167	R. FITCH	7-18-75
DE	BC05F-00168	R. FITCH	7-18-75
DF	BC05F-00169	R. FITCH	7-18-75
DE	BC05F-00170	R. FITCH	7-18-75
DF	BC05F-00171	R. FITCH	7-18-75
DE	BC05F-00172	R. FITCH	7-18-75
DF	BC05F-00173	R. FITCH	7-18-75
DE	BC05F-00174	R. FITCH	7-18-75
DF	BC05F-00175	R. FITCH	7-18-75
DE	BC05F-00176	R. FITCH	7-18-75
DF	BC05F-00177	R. FITCH	7-18-75
DE	BC05F-00178	R. FITCH	7-18-75
DF	BC05F-00179	R. FITCH	7-18-75
DE	BC05F-00180	R. FITCH	7-18-75
DF	BC05F-00181	R. FITCH	7-18-75
DE	BC05F-00182	R. FITCH	7-18-75
DF	BC05F-00183	R. FITCH	7-18-75
DE	BC05F-00184	R. FITCH	7-18-75
DF	BC05F-00185	R. FITCH	7-18-75
DE	BC05F-00186	R. FITCH	7-18-75
DF	BC05F-00187	R. FITCH	7-18-75
DE	BC05F-00188	R. FITCH	7-18-75
DF	BC05F-00189	R. FITCH	7-18-75
DE	BC05F-00190	R. FITCH	7-18-75
DF	BC05F-00191	R. FITCH	7-18-75
DE	BC05F-00192	R. FITCH	7-18-75
DF	BC05F-00193	R. FITCH	7-18-75
DE	BC05F-00194	R. FITCH	7-18-75
DF	BC05F-00195	R. FITCH	7-18-75
DE	BC05F-00196	R. FITCH	7-18-75
DF	BC05F-00197	R. FITCH	7-18-75
DE	BC05F-00198	R. FITCH	7-18-75
DF	BC05F-00199	R. FITCH	7-18-75
DE	BC05F-00200	R. FITCH	7-18-75

DEC FORM NO. 000

AR	CABLE 4 CONDUCTOR	9107706	3
B	SOCKET (MALE)	1209378-03	2
2	MATE-N-LOCK (MALE)	1209340-01	1
QTY.	DESCRIPTION	PART NO.	ITEM NO.

FIRST USED ON OPTION MODEL DF11		PARTS LIST	
UNLESS OTHERWISE SPECIFIED		digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
UNLESS OTHERWISE SPECIFIED		TITLE CABLE INTERFACE BC05F	
DIMENSION IN INCHES		SIZE CODE C UA BC05F-0-0	
TOLERANCES		NUMBER C	
DECIMALS $\pm$.005		REV. C	
FRACTIONS $\pm$ 1/64		DIST.	
ANGLES $\pm$ 0°30'			
FINAL SURFACE QUALITY			
REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL			
FINISH			
NEXT HIGHER ASSY			
SCALE			
SHEET 1 OF 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.

VIEW B-B

SECTION A-A

INTERNAL BUS CONN ASSY

REVISIONS

CHK	CHANGE NO.	REV.
W	M920-00002	B
W	M920-00004	C

DEC FORM NO. 100

UNLESS OTHERWISE SPECIFIED

TOLERANCES

DECIMALS	FRACTIONS	ANGLES
± .005	± 1/64	± 30'

FINAL SURFACE QUALITY

REMOVE BURRS AND BREAK SHARP CORNERS

MATERIAL

NEAL-HIGHER-SSY

FINISH

SCALE NONE

SHEET 1 OF 1

QUANTITY

1

DESCRIPTION

INTERNAL BUS CONN ASSY

PART NO.

M920-0-0

ITEM NO.

C

DATE

7/2/69

CHK'D.

Russ

DATE

11/1/69

ENG.

Russ

DATE

11/1/69

PROD.

11/1/69

DATE

11/1/69

SIZE CODE

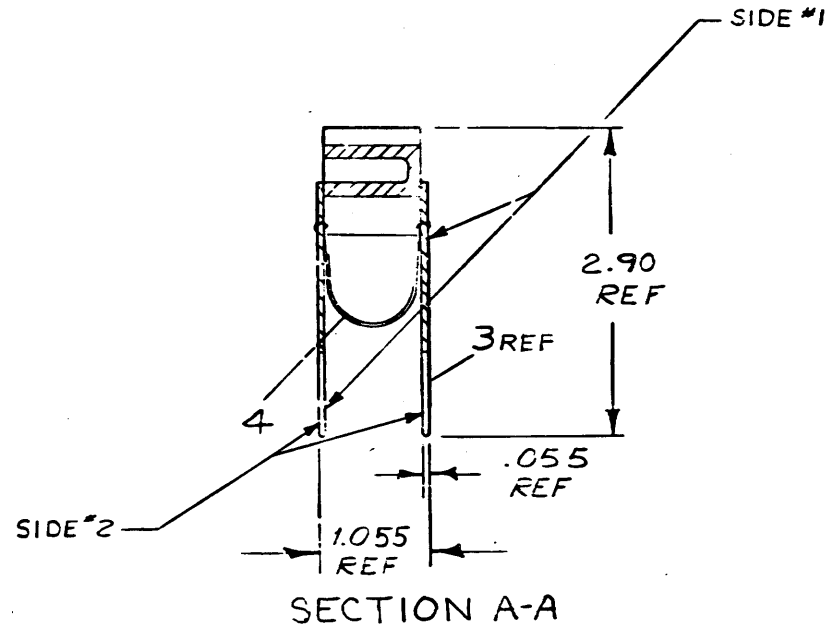
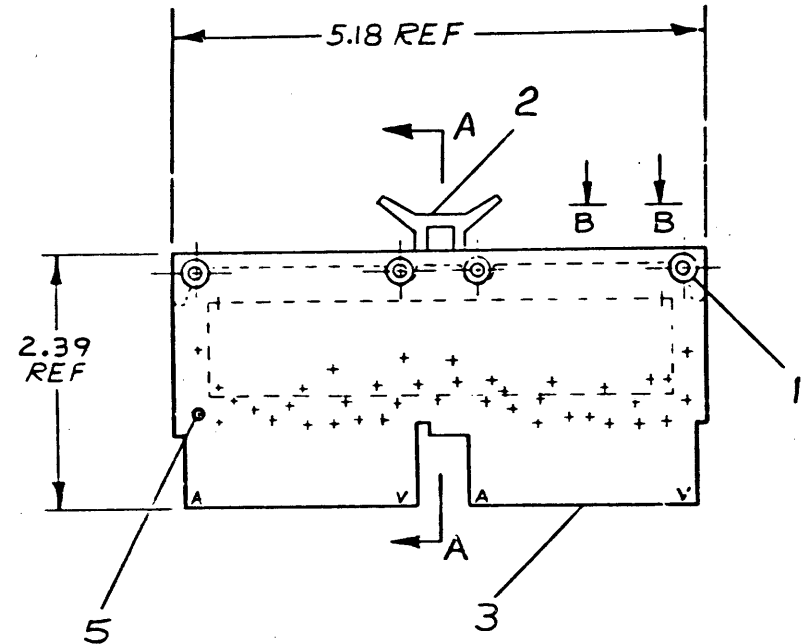
CUA

NUMBER

M920-0-0

REV.

C



CHK	REV.
not	B
M920-00002	
BLAS1	
M920-00004 C	
MARCEAU	

FIRST USED ON OPTION COT		QTY.	DESCRIPTION		PART NO.		ITEM NO.		
FDPII									
UNLESS OTHERWISE SPECIFIED		DRN.	DATE		PARTS LIST				
UNLESS OTHERWISE SPECIFIED		CHK'D.	DATE		 FEDERAL EQUIPMENT CORPORATION WATNARD, MASSACHUSETTS				
DIMENSION IN INCHES		ENG.	DATE						
TOLERANCES		PROD.	DATE						
DECIMALS FRACTIONS ANGLES		PROD.	DATE						
± .005 ± 1/64 ± 3/30									
FINAL SURFACE QUALITY		TITLE INTERNAL BUS							
REMOVE BURRS AND SHEAR SHARP CORNERS									
MATERIAL		NEXT HIGHER ASSY		SIZE/CODE		NUMBER		REV.	
11		C-UA-11/20-0-0		C/UA		M920-0-0		C	
FINISH		SCALE NONE		DIST.					
11		SHEET 1 OF 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 of any item without written permission.

NOTES:

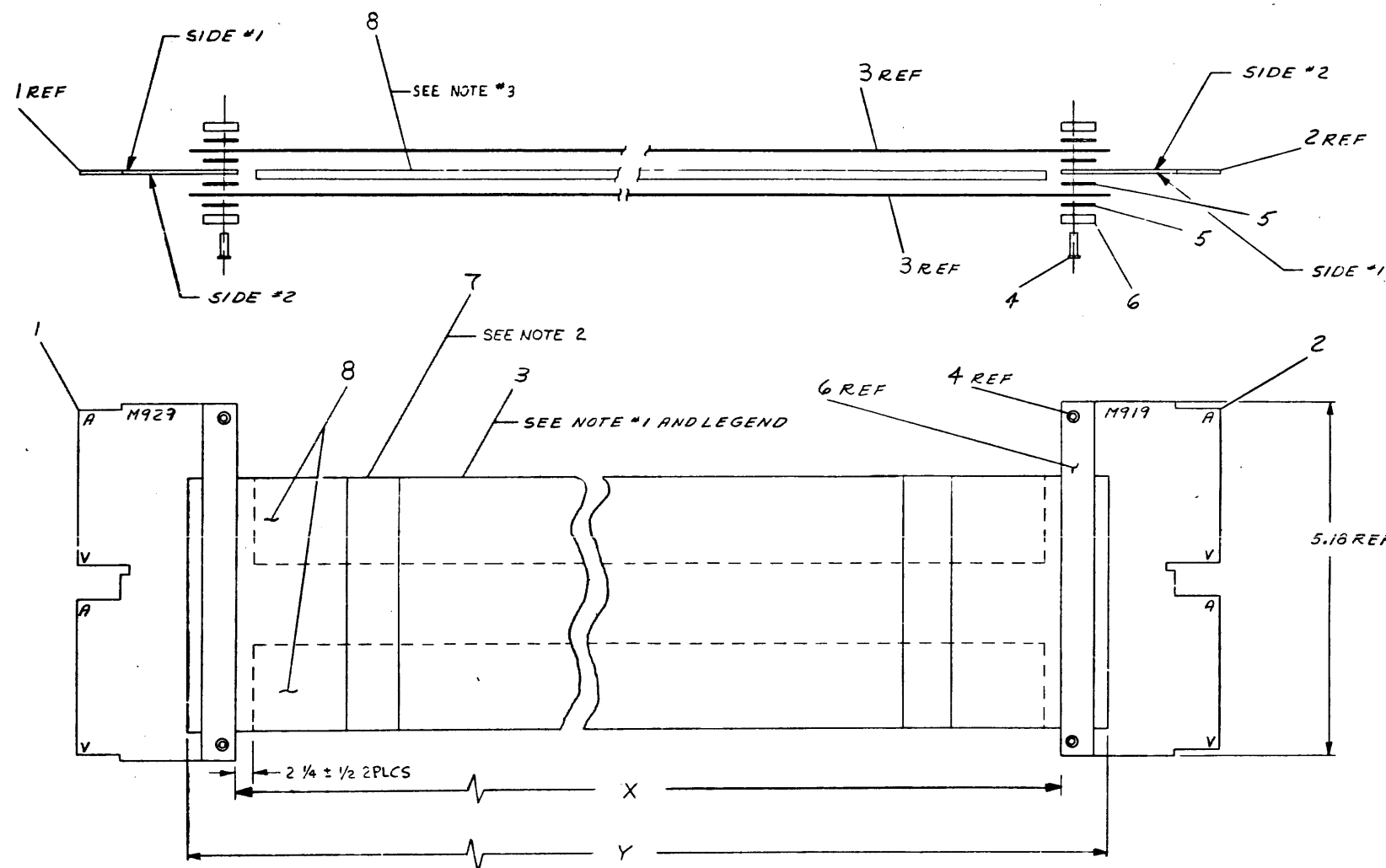
1. VARIATIONS AND LENGTHS SHOWN IN LEGEND ARE STANDARD. OTHER THAN STANDARD VARIATIONS WILL BE SPECIFIED BY ALPHANUMERIC DESIGNATION. FOR LENGTHS OTHER THAN FOOT INCREMENTS FROM ONE (1) FOOT THRU NINE (9) FEET, ELEVEN (11) INCHES.

A=1" G=7"
B=2" H=8"
C=3" J=9"
D=4" K=10"
E=5" L=11"
F=6"

EXAMPLE: BC11A-3D=3'4".
LENGTHS WILL BE IN FOOT INCREMENTS FROM TEN (10) FEET ON, AND WILL BE SPECIFIED BY THE CORRESPONDING NUMERICAL DESIGNATION.
EXAMPLE: BC11A-11=11 FEET.
THE TOLERANCE ON DIMENSION "A" WILL BE 2% OF THE FOOT INCREMENT.

2. FLEXPRINTS TO BE BOUND TOGETHER BY WRAPPING WITH ELECTRICAL TAPE (ITEM 7) EVERY 18 INCHES.

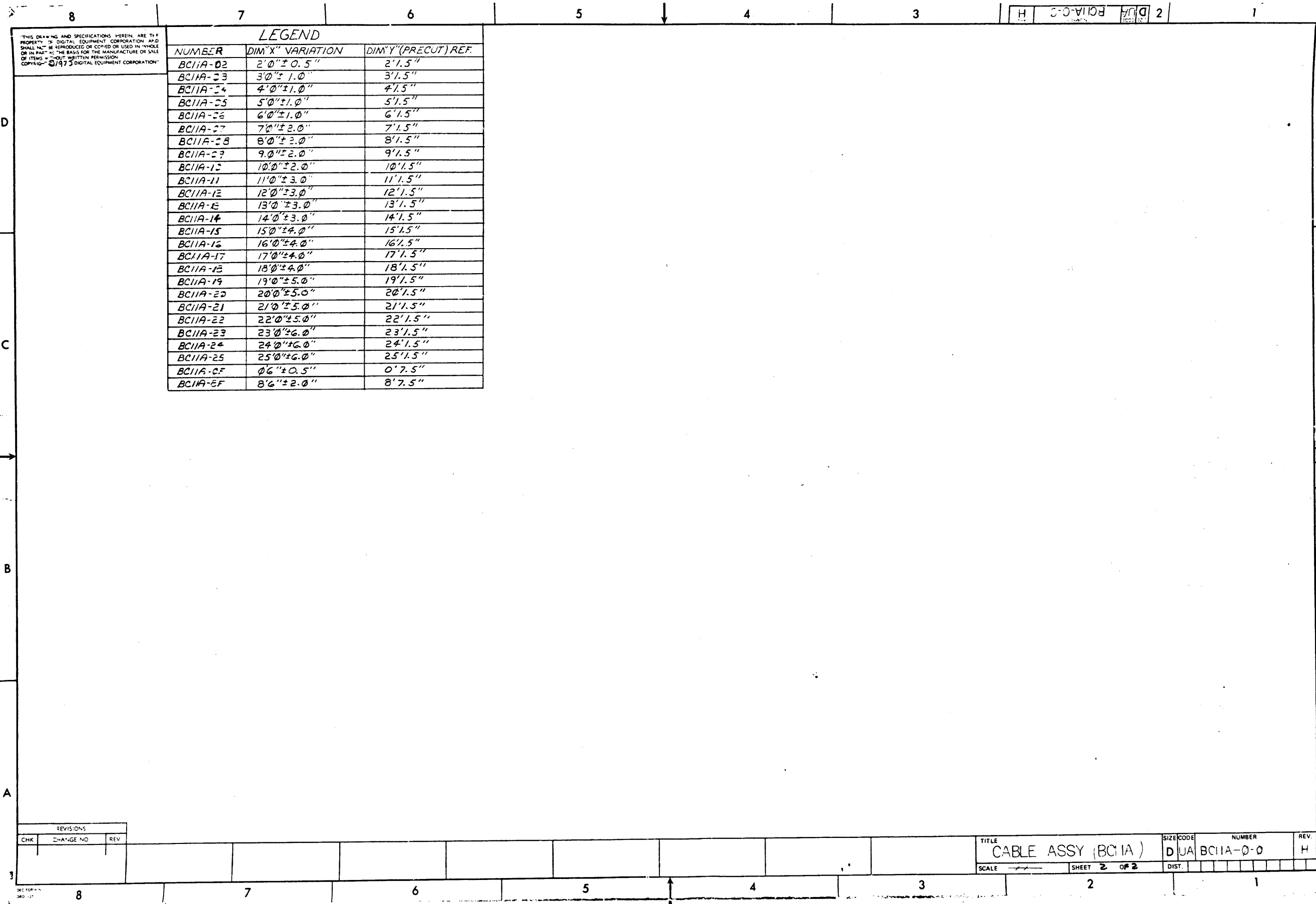
3. INSTALL 2 PIECES OF FOAM TAPE (ITEM 8) BETWEEN FLEX PRINT CABLES AS SHOWN.



1/1	GRAY FOAM - 3" WIDE	9008251-01	8
1/1	ELECTRICAL TAPE	9009260	7
4	CLAMP, CABLE	C-5C-1209764-00	6
1/1	TAPE "4032" 1/4" W X 3/4" H X 6' L	9007834-01	5
4	EYELET GS-4-11 STIMSON	9006750	4
2	CABLE FLEXPRINT	900002-C1	3
1	EXT. BUS CONN	A-PL-M919-0-0	2
1	BUS CONN	A-PL-M929-0-0	1

FIRST USED ON OPTION/MODEL PDPII		DO NOT SCALE DRAWING UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES DECIMALS FRACTIONS ANGLES ± .005 ± 1/64 ± 0°30' FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS		DATE 11/17/69 CHK'D 11/17/69 ENG. 11/17/69 PROJ. ENG. 11/17/69 ERGD 11/17/69 NEXT HIGHER ASSY C-0A-11/20-0-0		DATE 11/17/69 DATE 11/17/69 DATE 11/17/69 DATE 11/17/69		TITLE CABLE ASSY (BC11A)	
FINISH + + +		SCALE 1/1		SHEET 1 OF 2		SIZE CODE DUA		NUMBER BC11A-0-0	

REV	CHANGE NO.	REV	CHANGE NO.
1	BC11A-00001	A	1
2	BC11A-00002	B	1
3	BC11A-00003	C	1
4	BC11A-00004	D	1
5	BC11A-00005	E	1
6	BC11A-00006	F	1
7	BC11A-00007	G	1
8	BC11A-00008	H	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 © 1975 DIGITAL EQUIPMENT CORPORATION

LEGEND		
NUMBER	DIM "X" VARIATION	DIM "Y" (PRECUT) REF.
BC11A-02	2'0"±0.5"	2'1.5"
BC11A-03	3'0"±1.0"	3'1.5"
BC11A-04	4'0"±1.0"	4'1.5"
BC11A-05	5'0"±1.0"	5'1.5"
BC11A-06	6'0"±1.0"	6'1.5"
BC11A-07	7'0"±2.0"	7'1.5"
BC11A-08	8'0"±2.0"	8'1.5"
BC11A-09	9'0"±2.0"	9'1.5"
BC11A-10	10'0"±2.0"	10'1.5"
BC11A-11	11'0"±3.0"	11'1.5"
BC11A-12	12'0"±3.0"	12'1.5"
BC11A-13	13'0"±3.0"	13'1.5"
BC11A-14	14'0"±3.0"	14'1.5"
BC11A-15	15'0"±4.0"	15'1.5"
BC11A-16	16'0"±4.0"	16'1.5"
BC11A-17	17'0"±4.0"	17'1.5"
BC11A-18	18'0"±4.0"	18'1.5"
BC11A-19	19'0"±5.0"	19'1.5"
BC11A-20	20'0"±5.0"	20'1.5"
BC11A-21	21'0"±5.0"	21'1.5"
BC11A-22	22'0"±5.0"	22'1.5"
BC11A-23	23'0"±6.0"	23'1.5"
BC11A-24	24'0"±6.0"	24'1.5"
BC11A-25	25'0"±6.0"	25'1.5"
BC11A-0F	0'6"±0.5"	0'7.5"
BC11A-6F	8'6"±2.0"	8'7.5"

REVISIONS		
CHK	CHANGE NO	REV

TITLE	SIZE/CODE	NUMBER	REV.
CABLE ASSY (BC11A)	DUA	BC11A-0-0	H
SCALE	SHEET 2 OF 2	DIST.	

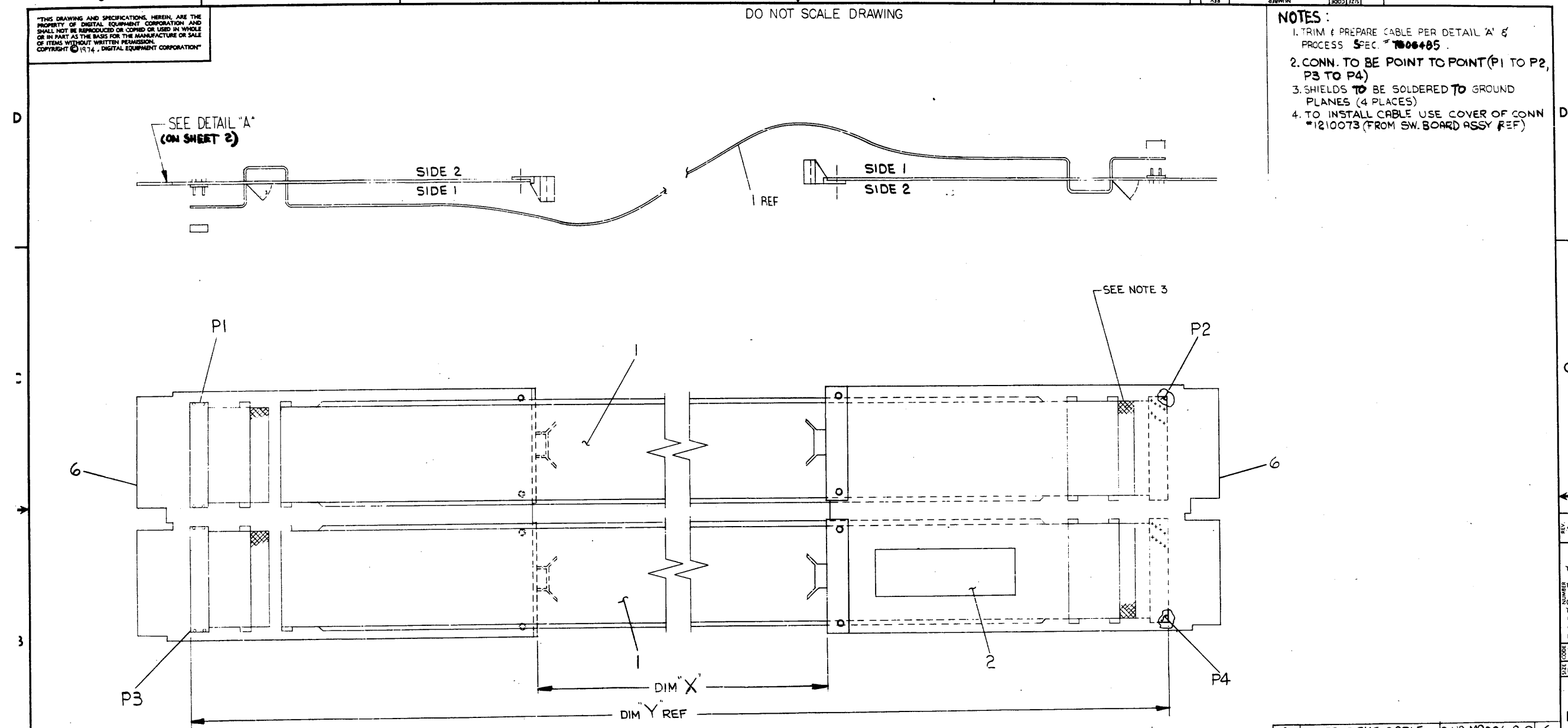
REVIEWS	
DATE	CHANGE NO
1/27/80	BC068-00001
2/1/80	BC068-00002
2/1/80	BC068-00003
2/1/80	BC068-00004
2/1/80	BC068-00005
2/1/80	BC068-00006
2/1/80	BC068-00007
2/1/80	BC068-00008
2/1/80	BC068-00009
2/1/80	BC068-00010
2/1/80	BC068-00011
2/1/80	BC068-00012
2/1/80	BC068-00013
2/1/80	BC068-00014
2/1/80	BC068-00015
2/1/80	BC068-00016
2/1/80	BC068-00017
2/1/80	BC068-00018
2/1/80	BC068-00019
2/1/80	BC068-00020
2/1/80	BC068-00021
2/1/80	BC068-00022
2/1/80	BC068-00023
2/1/80	BC068-00024
2/1/80	BC068-00025
2/1/80	BC068-00026
2/1/80	BC068-00027
2/1/80	BC068-00028
2/1/80	BC068-00029
2/1/80	BC068-00030
2/1/80	BC068-00031
2/1/80	BC068-00032
2/1/80	BC068-00033
2/1/80	BC068-00034
2/1/80	BC068-00035
2/1/80	BC068-00036
2/1/80	BC068-00037
2/1/80	BC068-00038
2/1/80	BC068-00039
2/1/80	BC068-00040
2/1/80	BC068-00041
2/1/80	BC068-00042
2/1/80	BC068-00043
2/1/80	BC068-00044
2/1/80	BC068-00045
2/1/80	BC068-00046
2/1/80	BC068-00047
2/1/80	BC068-00048
2/1/80	BC068-00049
2/1/80	BC068-00050
2/1/80	BC068-00051
2/1/80	BC068-00052
2/1/80	BC068-00053
2/1/80	BC068-00054
2/1/80	BC068-00055
2/1/80	BC068-00056
2/1/80	BC068-00057
2/1/80	BC068-00058
2/1/80	BC068-00059
2/1/80	BC068-00060
2/1/80	BC068-00061
2/1/80	BC068-00062
2/1/80	BC068-00063
2/1/80	BC068-00064
2/1/80	BC068-00065
2/1/80	BC068-00066
2/1/80	BC068-00067
2/1/80	BC068-00068
2/1/80	BC068-00069
2/1/80	BC068-00070
2/1/80	BC068-00071
2/1/80	BC068-00072
2/1/80	BC068-00073
2/1/80	BC068-00074
2/1/80	BC068-00075
2/1/80	BC068-00076
2/1/80	BC068-00077
2/1/80	BC068-00078
2/1/80	BC068-00079
2/1/80	BC068-00080
2/1/80	BC068-00081
2/1/80	BC068-00082
2/1/80	BC068-00083
2/1/80	BC068-00084
2/1/80	BC068-00085
2/1/80	BC068-00086
2/1/80	BC068-00087
2/1/80	BC068-00088
2/1/80	BC068-00089
2/1/80	BC068-00090
2/1/80	BC068-00091
2/1/80	BC068-00092
2/1/80	BC068-00093
2/1/80	BC068-00094
2/1/80	BC068-00095
2/1/80	BC068-00096
2/1/80	BC068-00097
2/1/80	BC068-00098
2/1/80	BC068-00099
2/1/80	BC068-00100

"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"

DO NOT SCALE DRAWING

NOTES :

1. TRIM & PREPARE CABLE PER DETAIL 'A' & PROCESS SPEC. "T000405".
2. CONN. TO BE POINT TO POINT (P1 TO P2, P3 TO P4).
3. SHIELDS TO BE SOLDERED TO GROUND PLANES (4 PLACES).
4. TO INSTALL CABLE USE COVER OF CONN "1210073 (FROM SW. BOARD ASSY REF)".



2	BOARD, 5 BUS CABLE	0-UR-M9006-0-0	6
2	CLAMP, CABLE	1209784	5
A/R	TAPE, DOUBLE SIDED, 5 WD.	6007834	4
4	EYELET	9008753	3
1	LABEL, ADHESIVE BACK	9009255	2
A/R	CABLE, 40 CONDUCTOR	1700004-00	1

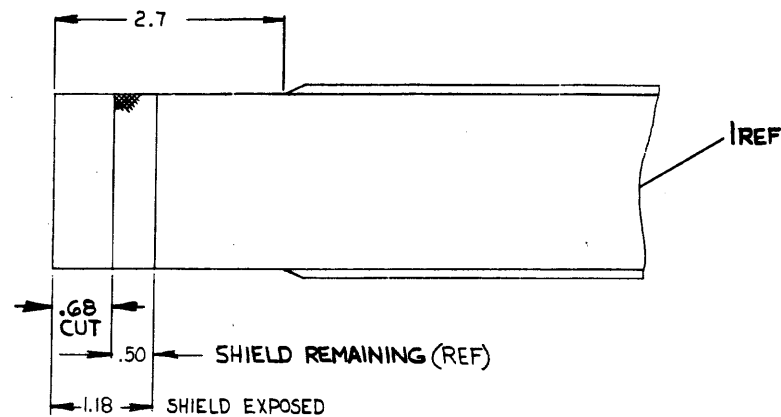
FIRST USED ON OPTION/MODEL			QTY.	DESCRIPTION		PART NO.		ITEM NO.
KL10			PARTS LIST					
DIMENSIONAL TOLERANCE			DRN. <i>M. Gueico</i>	DATE <i>10-8-74</i>	digital			
DIMENSIONS ARE <u>MILLIMETERS</u> UNLESS OTHERWISE SPECIFIED			CHK'D <i>W. J.</i>	DATE <i>12-30-74</i>				
MILLIMETERS	INCHES	ANGLES	ENG. <i>W. J.</i>	DATE <i>1-3-75</i>	TITLE	CONN. ASSY., S BUS		
X,XX = ±0.10	J,XX = ±.008	30° 30'	PROJ. ENG. <i>W. J.</i>	DATE <i>1-14-75</i>				
X,X = ±0.5	J,X = ±.02		PROD. <i>W. J.</i>	DATE <i>1-14-75</i>				
X = ±.2	J = ±.1							
THIRD ANGLE PROJECTION	REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓		NEXT HIGHER ASSY.			SIZE CODE	NUMBER	REV.
	MATERIAL SEE PARTS LIST		D-UA-KL10-0-0					
	FINISH <i>++</i>		SCALE 1/1	SHEET 1 OF 2	DIST.			

REVISIONS		
CHK	CHANGE NO.	REV.
PPH	BC20C-00001	A
13 NOV 76 J. PROVIDENT		
17 Provided 10 FEB 76		

"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"

LEGEND		
NUMBER	DIM 'X'	DIM 'Y' (PRECUT) REF
BC20C-3C	3FT 3IN	4FT 6IN
BC20C-6C	6FT 3IN	7FT 6IN
BC20C-0K	9IN	2FT 0IN
BC20C-CI	15 IN	2FT 6IN

REMAINING SHIELD
(REF)



CABLE PREPARATION
TYP. BOTH ENDS
SEE NOTE 1

SOLDER SHIELDS
(REF)

DETAIL "A"

REF

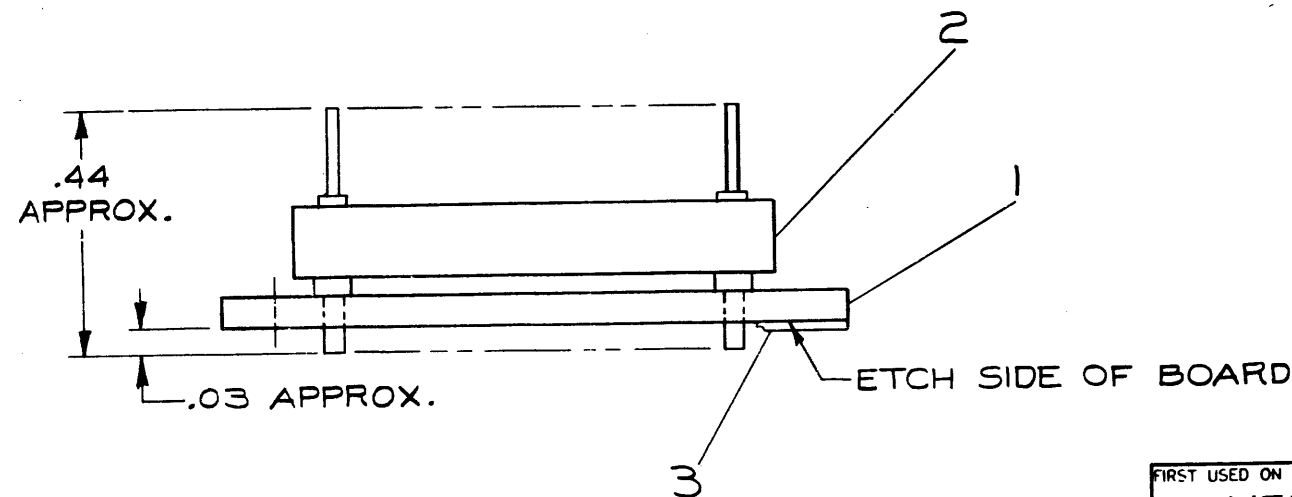
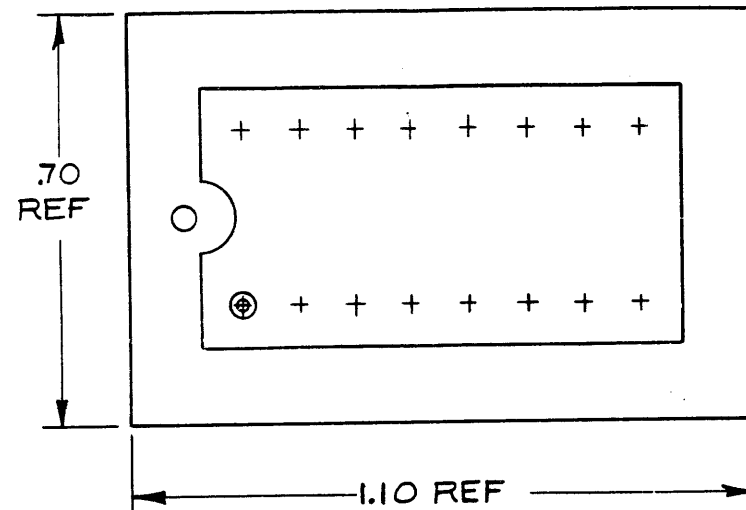
REVISIONS		
CHK	CHANGE NO.	REV

TITLE CONN. ASSY., S BUS		SIZE CODE DIA	NUMBER BC20C-0-0	REV. A
SCALE 1/1	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.

NOTES:

1. CUT OFF EXCESS LENGTH OF PRONGS BEFORE SOLDERING.



TOLERANCE
DECIMALS
XXX = $\pm .005$
XX = $\pm .02$
X = $\pm .1$

FIRST USED ON OPTION MODEL
M78 ϕ

UNLESS OTHERWISE SPECIFIED
DIMENSION IN INCHES
TOLERANCES
DECIMALS FRACTIONS ANGLES
± .005 ± .004 ± 0°30'
FINAL SURFACE QUALITY
REMOVE BURRS AND BREAK SHARP CORNERS

MATERIAL
SEE PARTS LISTS

FINISH
/ /

REF	CIRCUIT SCHEMATIC	B-CS-5408780-0-1	
AYR	TAPE VINYL 3M TRANSPARENT .75 x 1.12	9008269	3
1	PLUG, 16 PRONG, AUGAT	1209837	2
1	ETCH BOARD	0-1A-5008779-0-0	1

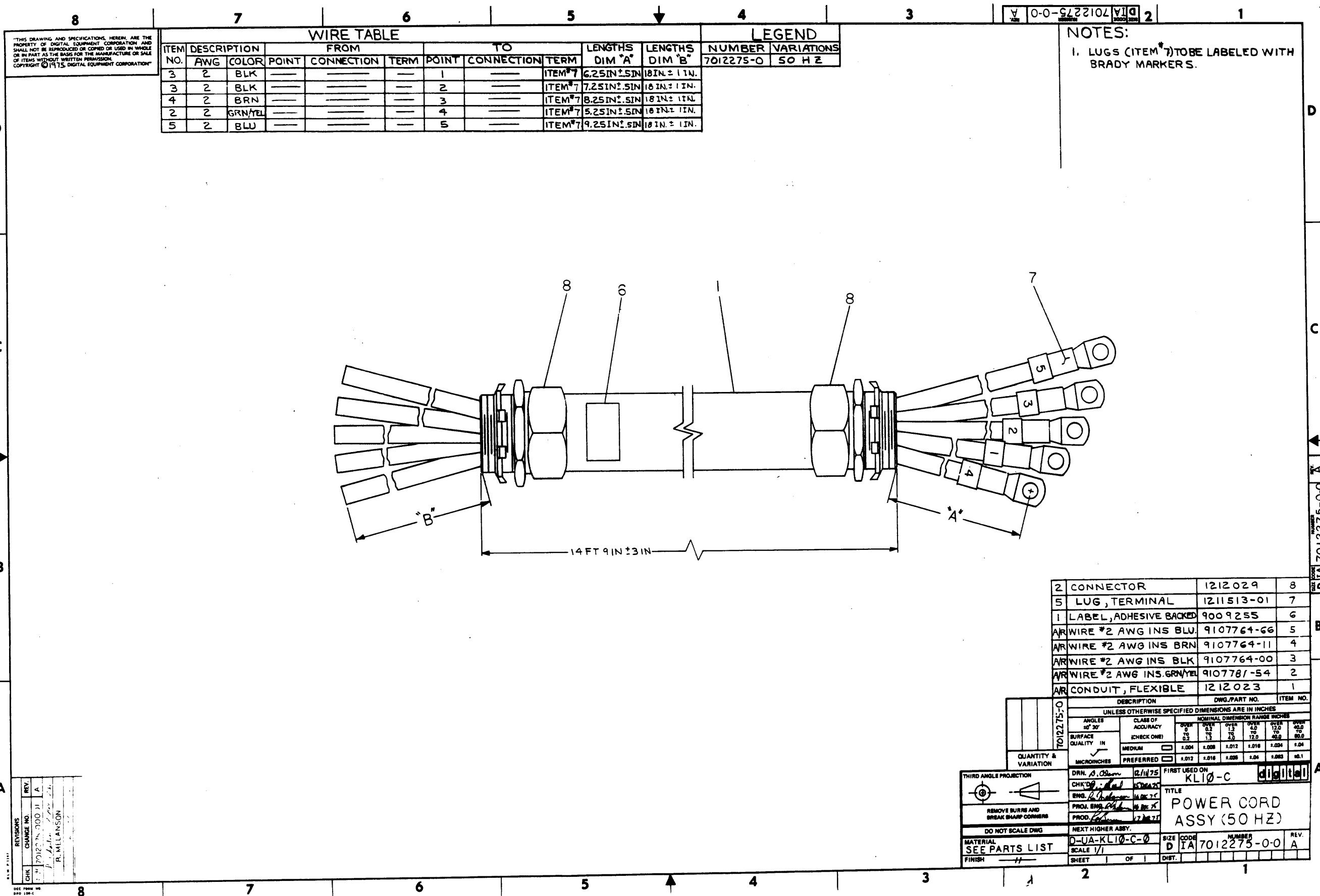
QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
DRN	W.F. McCarthy	DATE	5/13/70
CHK'D	J.F. Leming	DATE	5-22-70
ENG.	C.R.B. Lee	DATE	6/24/70
PROD. ENG.	J.P. Jones	DATE	6-28-70
PROD.	Thao Donk	DATE	6/29/70
NEXT HIGHER ASSY			
M78 ϕ			
SCALE	5/1	SIZE CODE	NUMBER
SHEET	1 OF 1	CIA	5408780-0-0
DIST. G			

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

TITLE
PRIORITY JUMPER

LEVEL # 6

REVISIONS	REV.
CHANGE NO.	
CHK	



"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"

WIRE TABLE									
ITEM NO.	DESCRIPTION			FROM			TO		
	AWG	COLOR	POINT	CONNECTION	TERM	POINT	CONNECTION	TERM	
3	2	BLK	---	---	---	1	---	ITEM #7	6.25 IN ± .5 IN
3	2	BLK	---	---	---	2	---	ITEM #7	7.25 IN ± .5 IN
4	2	BRN	---	---	---	3	---	ITEM #7	8.25 IN ± .5 IN
2	2	GRN/YEL	---	---	---	4	---	ITEM #7	5.25 IN ± .5 IN
5	2	BLU	---	---	---	5	---	ITEM #7	9.25 IN ± .5 IN

LEGEND	
NUMBER	VARIATIONS
7012275-0	50 HZ

NOTES:
1. LUGS (ITEM #7) TO BE LABELED WITH BRADY MARKERS.

2	CONNECTOR	1212029	8
5	LUG, TERMINAL	1211513-01	7
1	LABEL, ADHESIVE BACKED	9009255	6
AR	WIRE #2 AWG INS BLU	9107764-66	5
AR	WIRE #2 AWG INS BRN	9107764-11	4
AR	WIRE #2 AWG INS BLK	9107764-00	3
AR	WIRE #2 AWG INS GRN/YEL	9107761-54	2
AR	CONDUIT, FLEXIBLE	1212023	1

10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320 330 340 350 360 370 380 390 400 410 420 430 440 450 460 470 480 490 500 510 520 530 540 550 560 570 580 590 600 610 620 630 640 650 660 670 680 690 700 710 720 730 740 750 760 770 780 790 800 810 820 830 840 850 860 870 880 890 900 910 920 930 940 950 960 970 980 990 1000	DESCRIPTION		DWG. PART NO.		ITEM NO.		
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES						
	SURFACE QUALITY IN	ANGLES 30° 30'	NOMINAL DIMENSION RANGE INCHES				
		CLASS OF ACCURACY	OVER 12.0	OVER 6.0	OVER 3.0	OVER 1.0	OVER .500
		(CHECK ONE)	±.004 ±.006 ±.012 ±.018	±.006 ±.008 ±.012 ±.016	±.012 ±.016 ±.020 ±.024	±.018 ±.024 ±.030 ±.036	±.024 ±.030 ±.036 ±.040
MEDIUM ☐		±.004	±.008	±.012	±.018	±.024	
MICRONS	PREFERRED ☐	±.012	±.016	±.020	±.024	±.030	

THIRD ANGLE PROJECTION
REMOVE BURRS AND BREAK SHARP CORNERS
DO NOT SCALE DWG
MATERIAL SEE PARTS LIST
FINISH

DRN. 12/11/75
CHK'D BY [Signature]
ENG. [Signature]
PROD. [Signature]
NEXT HIGHER ASSY.

FIRST USED ON
TITLE
POWER CORD ASSY (50 HZ)
SIZE CODE
D-1A
NUMBER
7012275-0-0
REV.
A

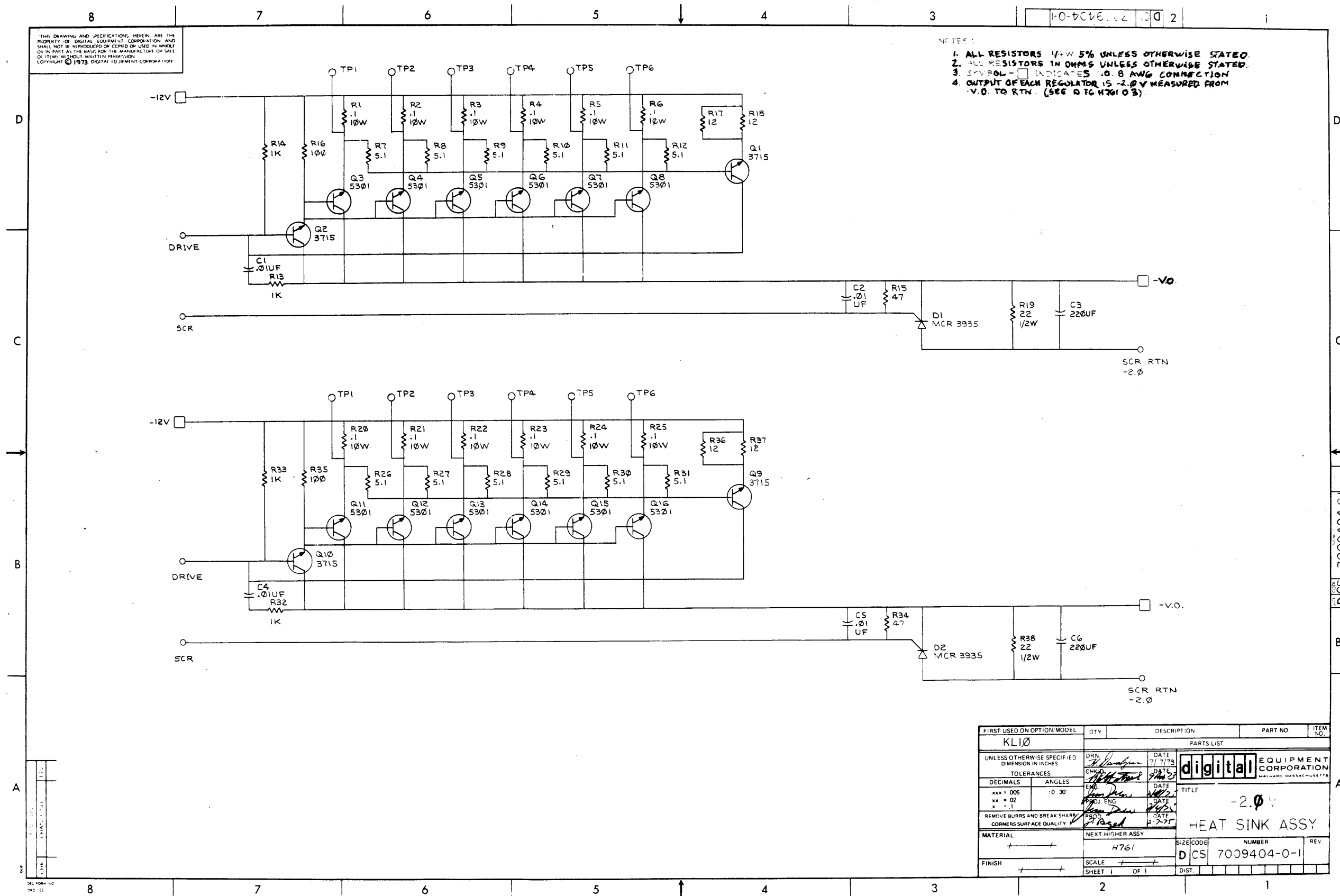
REV.	CHANGE NO.	DATE	BY	APP.
1	1	12/11/75	R. MILLANSON	

DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS				QUANTITY VARIATION									
PARTS LIST				KL10-FA	KL10-EB	KL10-EC	KL10-ED	KL10-EE	KL10-EF	KL10-EH	KL10-EJ		
MADE BY <i>[Signature]</i>		CHECKED <i>[Signature]</i>		SECTION 1									
DATE <i>12 APR 77</i>		DATE <i>12 APR 77</i>		ISSUED SECT. 1									
ENG <i>[Signature]</i>		PROD <i>[Signature]</i>											
DATE <i>12 APR 77</i>		DATE <i>12 APR 77</i>											
ITEM NO.	DWG NO. / PART NO.	DESCRIPTION											
1	MP00300	KL10-E PRINT SET		1	1	1	1	1	1	1	1		
2	MP00301	KL10-PV PRINT SET		1	1	1	1	1	1	1	1		
3	MP00175	MB20 PRINT SET		1	1	1	1	1	1	1	1		
4	B-DD-11/40-0	11/40 PRINT SET		1	1	1	1	1	1	1	1		
5	EFX01-MM	RX01/RH11 PRINT SET AND MANUALS		1	1	1	1	1	1	1	1		
6	B-DD-RH11-0	RH11 PRINT SET		1	1	1	1	1	1	1	1		
7	B-DD-DD11-8	DD11-A PRINT SET		1	1	1	1	1	1	1	1		
8	MP00008	DC20 PRINT SET		1	1	1	1	1	1	1	1		
9	MP00007	LP20 PRINT SET		1	1	1	1	1	1	1	1		
10	MP00006 ***	CD20 PRINT SET		1	1	1	1	1	1	1	1		
11	ER00001	CR04/M200 PRINT SET & MANUALS		1	1	1	1	1	1	1	1		
12	ER00002	CR04/M1200 PRINT SET & MANUALS		1	1	1	1	1	1	1	1		
13	MD-10-DJYAA-**-YB	2040 FRONT END CPU CUSP #1		1	1	1	1	1	1	1	1		
14	MD-10-DJYAA-**-YB	2040 FRONT END CPU CUSP #1		1	1	1	1	1	1	1	1		
15	MD-10-DJYAB-**-YB	2040 FRONT END CPU CUSP #2		1	1	1	1	1	1	1	1		
16	MD-10-DJYAC-**-YB	2040 FRONT END DISK CONTROL CUSP #1		1	1	1	1	1	1	1	1		
17	MD-10-DJYAD-**-YB	2040 FRONT END DISK CONTROL CUSP #2		1	1	1	1	1	1	1	1		
18	MD-10-DJYBA-**-YB	2040 FRONT END DEC X/11 EXERCISOR CUSP		1	1	1	1	1	1	1	1		
19	MD-10-DGYAA-**-YB	KL10 CONSOLE MONITOR CUSP		1	1	1	1	1	1	1	1		
20	MD-10-DGYBA-**-YB	KL10 SYSTEM CUSP DISKETTE #1		1	1	1	1	1	1	1	1		
21	MD-10-DGYBB-**-YB	KL10 SYSTEM CUSP DISKETTE #2		1	1	1	1	1	1	1	1		
22	MD-10-DKYCA-**-YB	KL10 DTE20 & E-BOX CUSP DISKETTE		1	1	1	1	1	1	1	1		
TITLE SHIP LIST KL10-E				ASSY NO. <i>---</i>		SIZE CODE <i>A PL</i>		NUMBER <i>KL10-E-SH</i>		REV <i>C</i>		ECO NO <i>10012</i>	
SHEET 1 OF 4				DIST									
DEC FORM DEC 16 (325) 1031-N870 DRA 110													

DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS				QUANTITY VARIATION									
PARTS LIST				KL10-FA	KL10-EB	KL10-EC	KL10-ED	KL10-EE	KL10-EF	KL10-EH	KL10-EJ		
MADE BY <i>[Signature]</i>		CHECKED <i>[Signature]</i>		SECTION 1									
DATE <i>12 APR 77</i>		DATE <i>12 APR 77</i>		ISSUED SECT. 1									
ENG <i>[Signature]</i>		PROD <i>[Signature]</i>											
DATE <i>12 APR 77</i>		DATE <i>12 APR 77</i>											
ITEM NO.	DWG NO. / PART NO.	DESCRIPTION											
44	DMYKO	KL10 INSTRUCTION TIMING & TAG BUS CUSP		1	1	1	1	1	1	1	1		
45	MD-10-DJYKF-**-YB	KL10 FUNCTIONAL DTE20 INTERFACE CUSP		1	1	1	1	1	1	1	1		
46	DMYAA	PDP-10 REMOTE DIAGNOSTIC CUSP		1	1	1	1	1	1	1	1		
47	DMYKA	KL10 BASIC DEVICE DIAGNOSTIC CUSP		1	1	1	1	1	1	1	1		
48	DMYBA	KL10 BASIC DEVICE DIAGNOSTIC CUSP		1	1	1	1	1	1	1	1		
49	DMYDA	KL10 PERIPHERAL DIAGNOSTIC CUSP		1	1	1	1	1	1	1	1		
50	DMYDB	KL10 PERIPHERAL DIAGNOSTIC CUSP		1	1	1	1	1	1	1	1		
51	DMYED	KL10 PAGE ISOLATOR CUSP		1	1	1	1	1	1	1	1		
52	DMYEC	PDP-10 PARALLEL ROTATING MEMORY CUSP		1	1	1	1	1	1	1	1		
53	DMYOC	KL10 2040 SYSTEM EXERCISOR CUSP		1	1	1	1	1	1	1	1		
54	3012558-1	MICROFICHE READER		1	1	1	1	1	1	1	1		
55	3012558-2	MICROFICHE READER		1	1	1	1	1	1	1	1		
56	MP00056	RH20 PRINT SET		1	1	1	1	1	1	1	1		
57	3612408	FLOPPY DISK		2	2	2	2	2	2	2	2		
58	H315-A	TESTER H315-A		2	2	2	2	2	2	2	2		
59	H861	TEST CONNECTOR DM11-B		1	1	1	1	1	1	1	1		
60	H8611 **	CONN DATA TURN AROUND		2	2	2	2	2	2	2	2		
61	LA36-CE	TELETYPE LA36-CE (115V, 60HZ)		1	1	1	1	1	1	1	1		
62	LA36-CF	TELETYPE LA36-CF (220V, 60HZ)		1	1	1	1	1	1	1	1		
63	LA36-CH	TELETYPE LA36-CH (115V, 50HZ)		1	1	1	1	1	1	1	1		
64	LA36-CJ	TELETYPE LA36-CJ (220V, 50HZ)		1	1	1	1	1	1	1	1		
65	B-DD-BM873-YA	BM873-YA PRINT SET		1	1	1	1	1	1	1	1		
TITLE SHIP LIST KL10-E				ASSY NO. <i>---</i>		SIZE CODE <i>A PL</i>		NUMBER <i>KL10-E-SH</i>		REV <i>C</i>		ECO NO	
SHEET 3 OF 4				DIST									
DEC FORM DEC 16 (325) 1031-N870 DRA 110													

DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS				QUANTITY VARIATION									
PARTS LIST				KL10-FA	KL10-EB	KL10-EC	KL10-ED	KL10-EE	KL10-EF	KL10-EH	KL10-EJ		
MADE BY <i>[Signature]</i>		CHECKED <i>[Signature]</i>		SECTION 1									
DATE <i>12 APR 77</i>		DATE <i>12 APR 77</i>		ISSUED SECT. 1									
ENG <i>[Signature]</i>		PROD <i>[Signature]</i>											
DATE <i>12 APR 77</i>		DATE <i>12 APR 77</i>											
ITEM NO.	DWG NO. / PART NO.	DESCRIPTION											
23	DMYCB	KL10 E-BOX ISOLATION ROUTING #1		1	1	1	1	1	1	1	1		
24	DMYCC	KL10 E-BOX ISOLATION ROUTING #2		1	1	1	1	1	1	1	1		
25	DMYCA	KL10 E-BOX MEMORY TRACING CUSP		1	1	1	1	1	1	1	1		
26	DMYCB	KL10 E-BOX CLOCK SCANOUT CUSP		1	1	1	1	1	1	1	1		
27	DMYCC	KL10 E-BOX ISOLATION ROUTING CUSP		1	1	1	1	1	1	1	1		
28	DMYCB	KL10 PAGING CLOCK SCANOUT CUSP		1	1	1	1	1	1	1	1		
29	DMYCB	KL10 MEMORY ISOLATION ROUTING CUSP		1	1	1	1	1	1	1	1		
30	DMYCA	KL10 CACHE/ADDRESS METER BOARD CUSP		1	1	1	1	1	1	1	1		
31	DMYCB	KL10 K0025 CLOCK SCANOUT CUSP #1		1	1	1	1	1	1	1	1		
32	DMYCB	KL10 K0025 CLOCK SCANOUT CUSP #2		1	1	1	1	1	1	1	1		
33	DMYCB	KL10 C00011 CLOCK SCANOUT CUSP #1		1	1	1	1	1	1	1	1		
34	DMYCB	KL10 C00011 CLOCK SCANOUT CUSP #2		1	1	1	1	1	1	1	1		
35	DMYCB	KL10 K0025 BOARD ISOLATION ROUTING CUSP		1	1	1	1	1	1	1	1		
36	DMYCB	KL10 ISOLATION INSTRUCTION CUSP #1		1	1	1	1	1	1	1	1		
37	DMYCB	KL10 BASIC INSTRUCTION CUSP #2		1	1	1	1	1	1	1	1		
38	DMYCB	KL10 BASIC INSTRUCTION CUSP #3		1	1	1	1	1	1	1	1		
39	DMYCB	KL10 BASIC INSTRUCTION CUSP #4		1	1	1	1	1	1	1	1		
40	DMYCB	KL10 BASIC INSTRUCTION RELIABILITY CUSP		1	1	1	1	1	1	1	1		
41	DMYCB	KL10 ADVANCED INSTRUCTION CUSP		1	1	1	1	1	1	1	1		
42	DMYCB	KL10 CPU/PL MEMORY RELIABILITY CUSP		1	1	1	1	1	1	1	1		
43	DMYCB	KL10 CPU PAGING EXERCISOR CUSP		1	1	1	1	1	1	1	1		
TITLE SHIP LIST KL10-E				ASSY NO. <i>---</i>		SIZE CODE <i>A PL</i>		NUMBER <i>KL10-E-SH</i>		REV <i>C</i>		ECO NO	
SHEET 2 OF 4				DIST									
DEC FORM DEC 16 (325) 1031-N870 DRA 110													

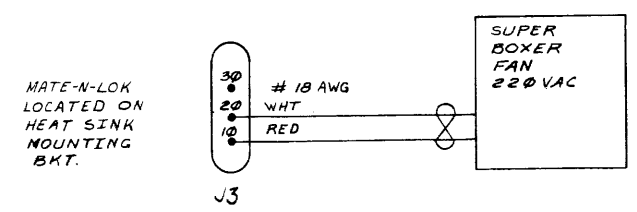
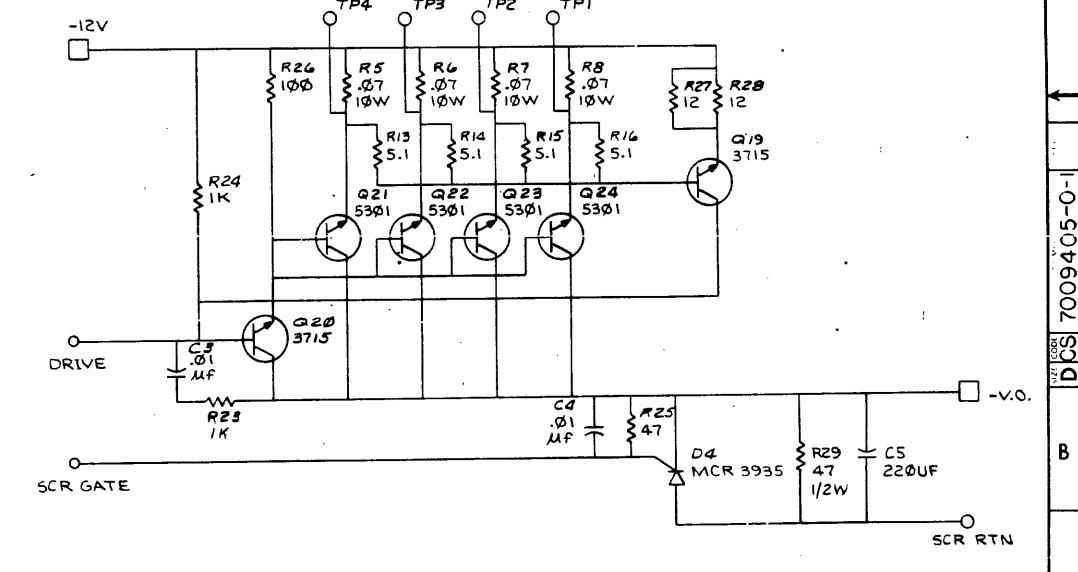
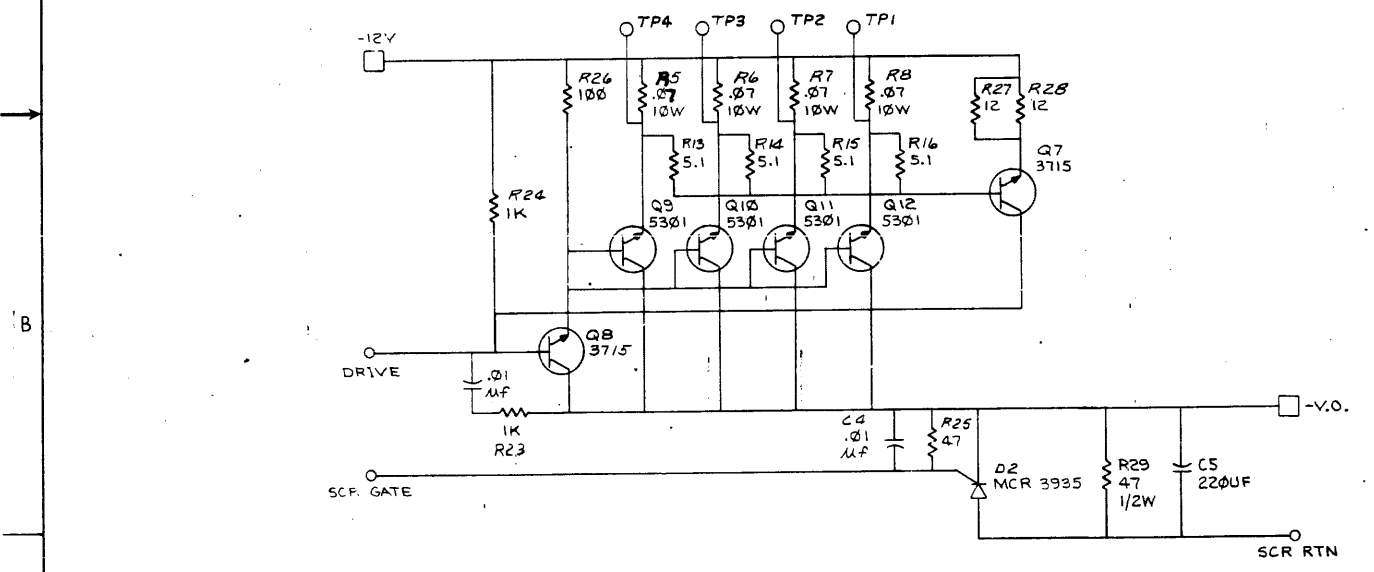
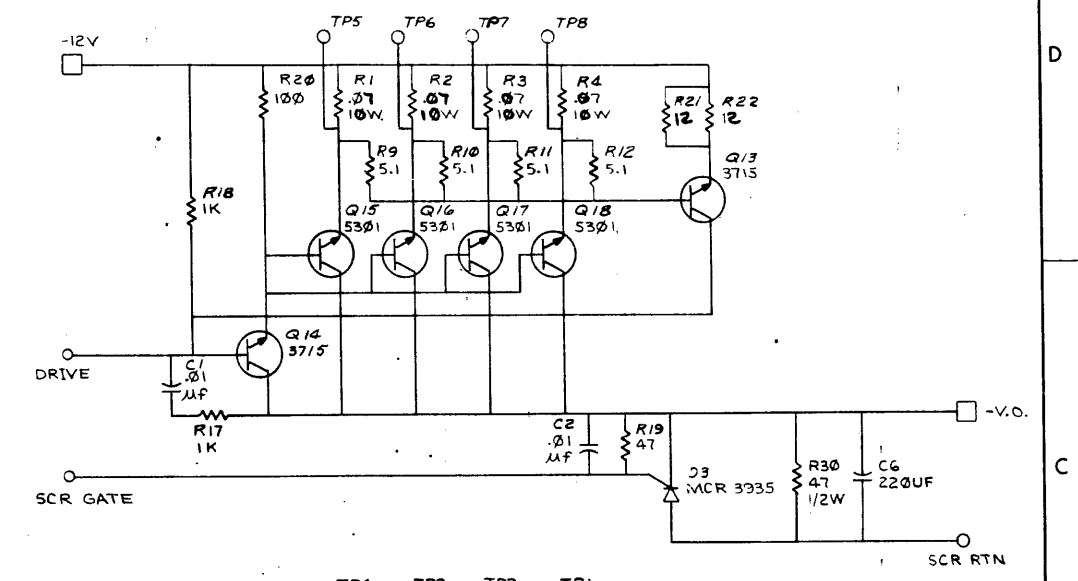
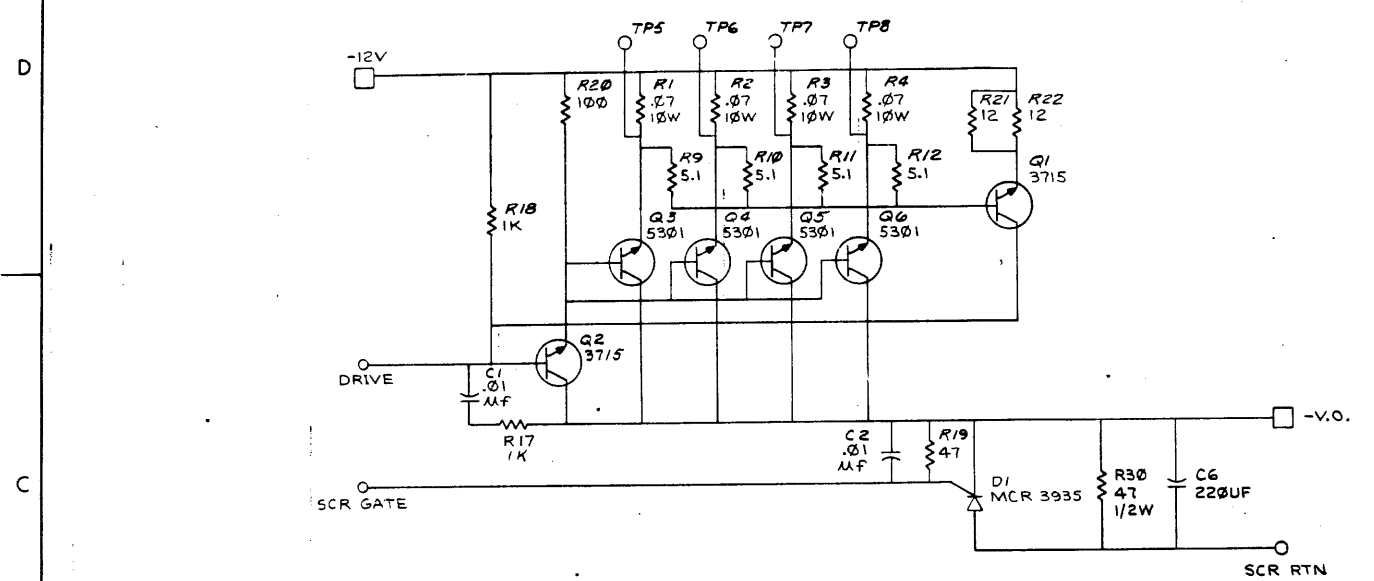
DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS				QUANTITY VARIATION									
PARTS LIST				KL10-FA	KL10-EB	KL10-EC	KL10-ED	KL10-EE	KL10-EF	KL10-EH	KL10-EJ		
MADE BY <i>[Signature]</i>		CHECKED <i>[Signature]</i>		SECTION 1									
DATE <i>12 APR 77</i>		DATE <i>12 APR 77</i>		ISSUED SECT. 1									
ENG <i>[Signature]</i>		PROD <i>[Signature]</i>											
DATE <i>12 APR 77</i>		DATE <i>12 APR 77</i>											
ITEM NO.	DWG NO. / PART NO.	DESCRIPTION											
66	ER00004	LP05 PRINT SET & MANUALS (VOL 2)		1	1	1	1	1	1	1	1		
67	ER00003	LP05 PRINT SET & MANUALS (VOL 1)		1	1	1	1	1	1	1	1		
68	A-PL-KL10-E-KIT	HARDWARE KIT		1	1	1	1	1	1	1	1		
69	ZT101-FK	KLAD-24 DIAGNOSTIC KIT (RP04)		A/RA/R	-	-	-	-	-	-	-		
70	ZT102-PL	KLAD-24 DIAGNOSTIC KIT (RP06)		A/RA/P	-	-	-	-	-	-	-		
71	ZH101-FK	KLAD-10 DIAGNOSTIC KIT (RP04)		-	-	A/RA/R	-	-	-	-	-		
72	ZH102-PL	KLAD-10 DIAGNOSTIC KIT (RP06)		-	-	A/PA/R	-	-	-	-	-		
73	MP00622	MF20 PRINT SET		-	-	-	-	-	-	-	-		
*REVISION LEVEL AS PER LCREV													
**OPTIONAL													
**TWO PER DC20 USED													
TITLE SHIP LIST KL10-E				ASSY NO. <i>---</i>		SIZE CODE <i>A PL</i>		NUMBER <i>KL10-E-SH</i>		REV <i>C</i>		ECO NO	
SHEET 4 OF 4				DIST									
DEC FORM DEC 16 (325) 1031-N870 DRA 110													



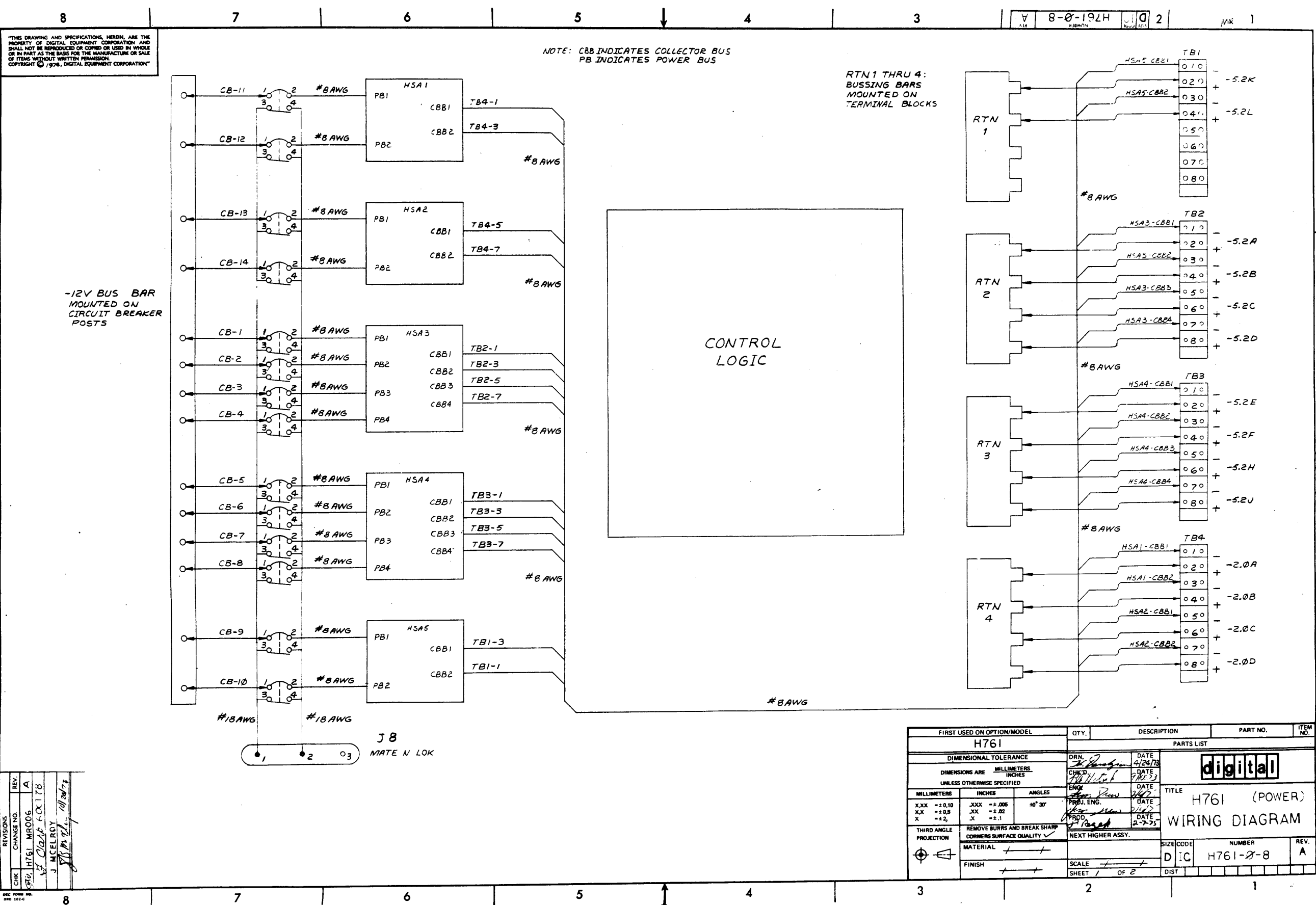
THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OF ANY OTHER EQUIPMENT WITHOUT WRITTEN PERMISSION. ©1973 DIGITAL EQUIPMENT CORPORATION

NOTES:
1. OUTPUT OF EACH REGULATOR IS -5.2V MEASURED FROM -V.O. TO RTN. (SEE DCS H761-08).

NOTES:
2. ALL RESISTORS 1/4W 5% UNLESS OTHERWISE STATED.
3. ALL RESISTORS IN OHMS UNLESS OTHERWISE STATED.
4. SYMBOL - □ INDICATES NO. 8 AWG CONNECTION.



FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
KL10					
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES		DRN. DATE 7/13/73	PARTS LIST		
TOLERANCES		CHK. DATE 7/13/73	digital EQUIPMENT CORPORATION		
DECIMALS	ANGLES	ENG. DATE 7/13/73	TITLE		
.xxx = .005	.0 30'	PROJ. ENG. DATE 7/13/73	-5.2V		
.xx = .02		PROD. DATE 7/13/73	HEAT SINK ASSY		
.x = .1		DATE 7/13/73			
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY Y					
MATERIAL		NEXT HIGHER ASSY.			
FINISH					
		H761	SIZE CODE	NUMBER	REV.
		SCALE	DCS	7009405-0-1	
		SHEET 1 OF 1	DIST.		



FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
H761					
DIMENSIONAL TOLERANCE		PARTS LIST			
DIMENSIONS ARE MILLIMETERS UNLESS OTHERWISE SPECIFIED		DRN.	DATE	digital	
		CHK'D	DATE		
		ENG.	DATE	TITLE	
		PROJ. ENG.	DATE		
		PROD.	DATE	H761 (POWER)	
THIRD ANGLE PROJECTION		REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY		NEXT HIGHER ASSY.	
MATERIAL		FINISH		SIZE/CODE	
				NUMBER	
				REV.	
				H761-0-8	
				A	
				SCALE	
				SHEET 1 OF 2	

REV.	CHANGE NO.	DATE	BY	CHK
A	1	10/1/73	J. McELROY	J. McELROY
B	1	10/1/73	J. McELROY	J. McELROY
C	1	10/1/73	J. McELROY	J. McELROY
D	1	10/1/73	J. McELROY	J. McELROY
E	1	10/1/73	J. McELROY	J. McELROY
F	1	10/1/73	J. McELROY	J. McELROY
G	1	10/1/73	J. McELROY	J. McELROY
H	1	10/1/73	J. McELROY	J. McELROY
I	1	10/1/73	J. McELROY	J. McELROY
J	1	10/1/73	J. McELROY	J. McELROY
K	1	10/1/73	J. McELROY	J. McELROY
L	1	10/1/73	J. McELROY	J. McELROY
M	1	10/1/73	J. McELROY	J. McELROY
N	1	10/1/73	J. McELROY	J. McELROY
O	1	10/1/73	J. McELROY	J. McELROY
P	1	10/1/73	J. McELROY	J. McELROY
Q	1	10/1/73	J. McELROY	J. McELROY
R	1	10/1/73	J. McELROY	J. McELROY
S	1	10/1/73	J. McELROY	J. McELROY
T	1	10/1/73	J. McELROY	J. McELROY
U	1	10/1/73	J. McELROY	J. McELROY
V	1	10/1/73	J. McELROY	J. McELROY
W	1	10/1/73	J. McELROY	J. McELROY
X	1	10/1/73	J. McELROY	J. McELROY
Y	1	10/1/73	J. McELROY	J. McELROY
Z	1	10/1/73	J. McELROY	J. McELROY

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.

