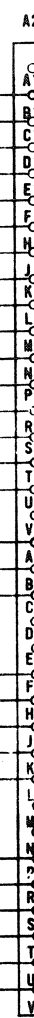
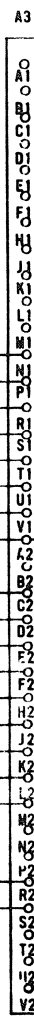
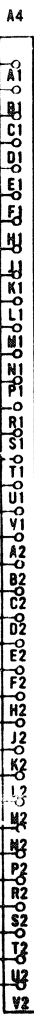


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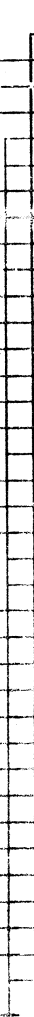
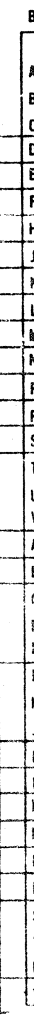
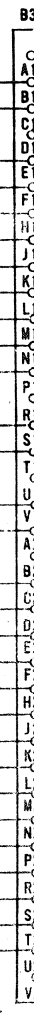
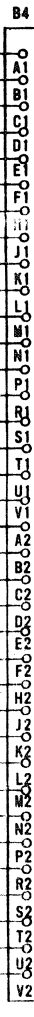


DR BUS CYL ADD 8 L
3 L
1 L
6 L
4 L
7 L
5 L
8 L
DR BUS CYL ADD 2 L
DR BUS RESTORE L

DR BUS WT DATA-CLK L
DR BUS R/W/S RDY L
DR BUS SEL DR 0 L
DR BUS SEL DR 1 L
DR BUS SEL DR 2 L

DR BUS SEC CNTR 1 L
DR BUS ADD ACK L
DR BUS SIN L
DR BUS LOG ADD INT
M CLK L

BUS AC LO L
BUS DC LO L



+5V
DATA 1 RKDA 06(1)H
DATA 4 FILE EMPTY H
DATA 1 RKDA 08(1)H
ST3 DATA (1)H
DATA 1 RKDA 07(1)H
DATA 1 RKDA 12(1)H
DATA 1 RKDA 09(1)H
DATA 4 FILE FULL H
DATA 1 RKDA 02(1)H
DATA 1 RKDA 10(1)H
ST 2 WC OV(1)H
DATA 1 RKDA 01(1)H

ST 2 RD+RD CHK H
ST 2 HE(1)H
DISK 4 RD GATE(1)H
ST 3 WT+WT CHK H
DATA 3 IN BUFF FULL(1)H
DATA 1 RKDA 03(1)H
DATA 3 OUT BUFF FULL(1)H
DISK 4 WT GATE(1)H
ST4 SEEK OR RESET H
DATA 1 RKDA 08(1)H
ST2 B CNTRL RDY H
DATA 1 RKDA 11(1)H
DATA 1 RKDA 05(1)H
DATA 1 RKDA 04(1)H

DR BUS AC LO L
DR BUS STROBE L
DR BUS SEC CNTR 3 L
DR BUS WT CHK L
DR BUS SEC CNTR 0 L
DR BUS INDX PLS L
DR BUS DRY L
DR BUS WT PRCT STATUS L
DR BUS RD GATE L
DR BUS RD CLK L

DR BUS DC LO L

DR BUS SEC CNTR2 L
DR BUS WT GATE L
DR BUS SEL UPPER HD L
DR BUS SEC PLS L
DR BUS RKDS L
DR BUS WT PROTECT L
DR BUS RD DATA L

BUS AC LO L
BUS A 01 L
BUS A 03 L
BUS A 05 L
BUS A 07 L
BUS A 09 L
BUS A 11 L
BUS A 13 L
BUS A 15 L
BUS A 17 L

BUS SSYN L
BUS MSYN L

BUS BR 4 L
BG 4 OUT L
BUS DC LO L
BUS A 00 L
BUS A 02 L
BUS A 04 L
BUS A 06 L
BUS A 08 L
BUS A 10 L
BUS A 12 L
BUS A 14 L
BUS A 16 L
BUS C1 L
BUS C0 L

BG 6 IN H
BG 5 IN H
BUS BR 5 L

BUS AC LO L
BUS A 01 L
BUS A 03 L
BUS A 05 L
BUS A 07 L
BUS A 09 L
BUS A 11 L
BUS A 13 L
BUS A 15 L
BUS A 17 L

BUS SSYN L
BUS MSYN L
+5V

BUS BR 4 L
BG 4 IN H
BUS DC LO L
BUS A 00 L
BUS A 02 L
BUS A 04 L
BUS A 06 L
BUS A 08 L
BUS A 10 L
BUS A 12 L
BUS A 14 L
BUS A 16 L
BUS C1 L
BUS C0 L

REVISIONS		
CHK	CHANGE NO.	REV.

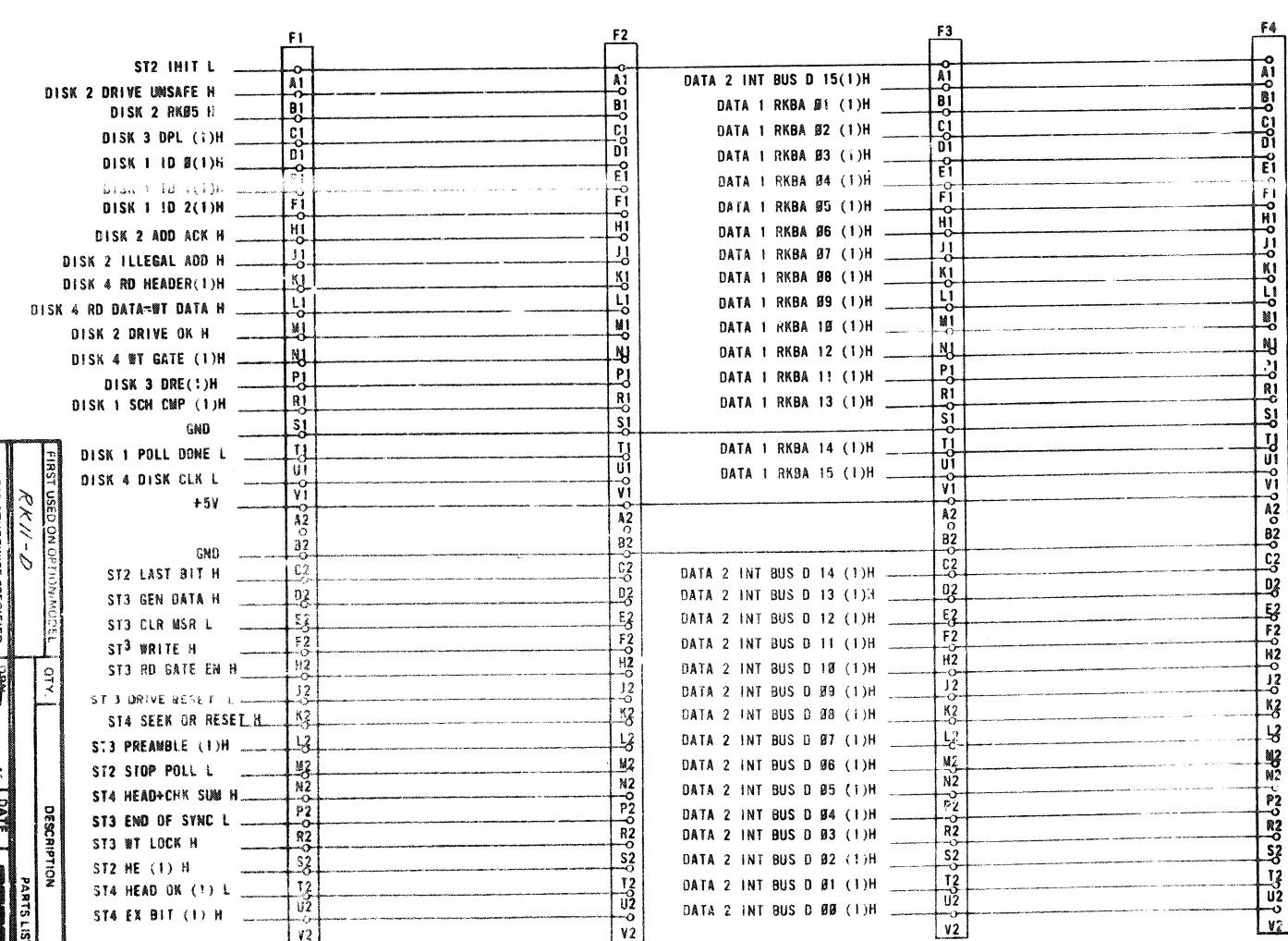
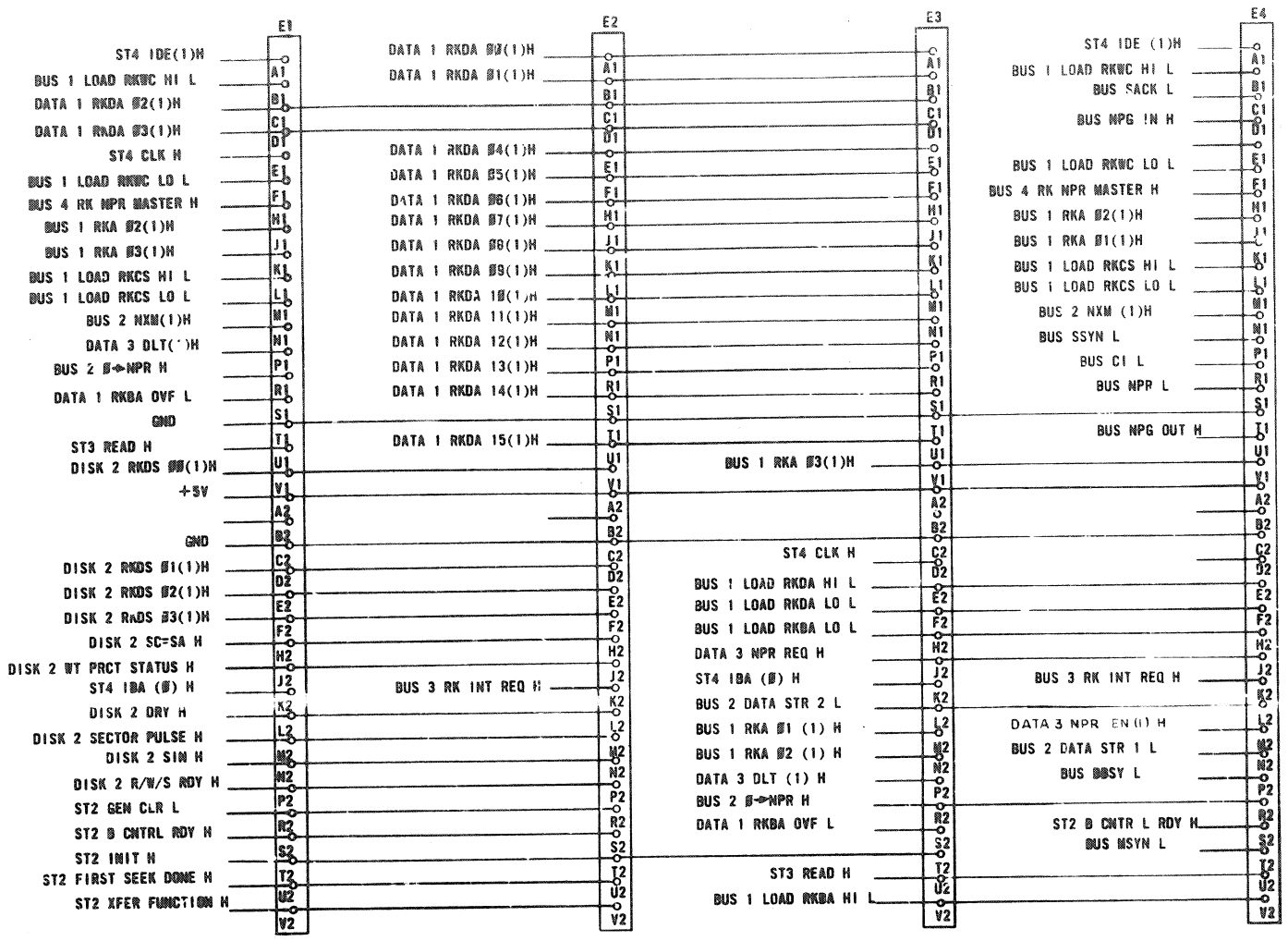
FIRST USED ON OPTION MODEL		QTY.	DESCRIPTION	PART NO.	TEST NO.
RK11-D					
UNLESS OTHERWISE SPECIFIED					
DIMENSION IN INCHES					
TOLERANCES					
DECIMALS					
ANGLES					
X.XX - .005					
X.X - .01					
X - .1					
REMOVE BURNS AND BREAK SHARP					
CORNER RADIUS QUALITY					
MATERIAL					
NEXT HIGHER ASSY.					
FINISH					
SCALE					
SHEET 2 OF 2					
DIST.					
REV.					

RK11-D
BACKPANEL

DIGITAL EQUIPMENT CORPORATION
11000 DEER PARK DRIVE
BOSTON, MASSACHUSETTS 02130

REVISIONS		
CHK	CHANGE NO	REV

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FIRST USED ON: 07/10/1968		DATE: 11/1/72	
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES		DATE: 11/1/72	
DECIMALS	ANGLES	DATE: 11/1/72	
XXX - .005	± 0° 30'	DATE: 11/1/72	
XX - .01	X - .1	DATE: 11/1/72	
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY		DATE: 11/1/72	
MATERIAL		DATE: 11/1/72	
FINISH		DATE: 11/1/72	
SCALE		DATE: 11/1/72	
SHEET 4 OF		DATE: 11/1/72	
DIST.		DATE: 11/1/72	
NUMBER		DATE: 11/1/72	
REV		DATE: 11/1/72	
A		DATE: 11/1/72	

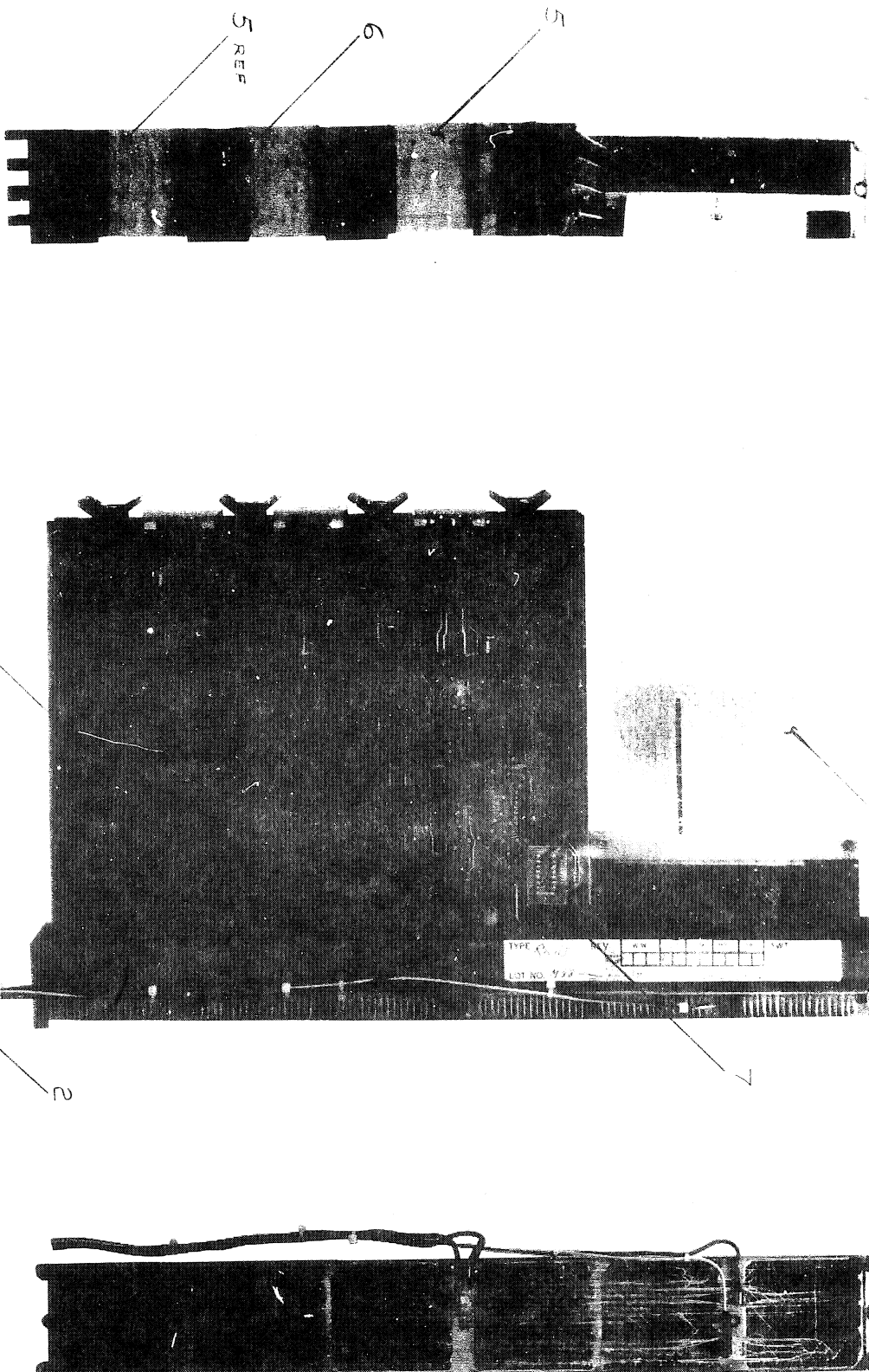
BACKPANEL

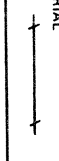
[illegible]

OPTION	VARIATION
RKII-D	DISK CONTROL
RKII-E	RKII-D WITH RK05-DE
RKII-DE	RKII-D WITH RK05-DE
RKII-DF	RKII-D WITH RK05-DF
RKII-DH	RKII-D WITH RK05-DH
RKII-DJ	RKII-D WITH RK05-DJ

NOTES

1. ITEM 17 IS MADE UP OF ITEMS 1 THRU 8 AND 10 THRU 12.
2. USE RMI-D OPTION HARNES 7008959 IN 11/40 SYSTEMS WITH S/N GREATER THAN 6000 AND 11/45 SYSTEMS WITH S/N GREATER THAN 2000. OLDER MACHINES REQUIRE RMI-D POWER HARNES 7008942. PDP 11/20 AND PDP 11/15 SYSTEMS AND FAH-ES BOXES USE NO POWER HARNES OTHER THAN THAT SUPPLIED INTERNEL TO THE BOX. BAI-D BOXES REQUIRE RMI-D POWER HARNES 7008992.
3. ITEM 8 OR 9 IS INSTALLED ON THE M225 MODULE DURING SYSTEM INTEGRATION

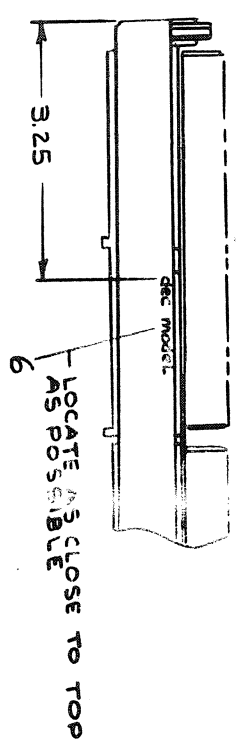
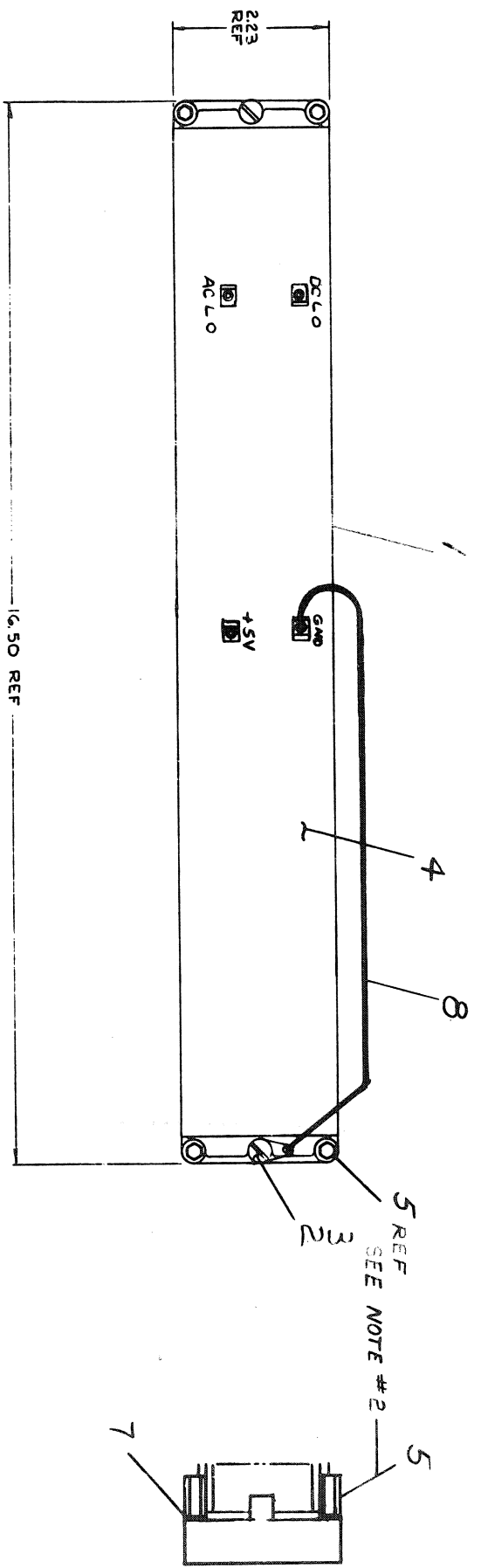
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UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES		DIN	DATE	 Digital EQUIPMENT CORPORATION MAINTENANCE CONTRACT # 87155
DECIMALS	ANGLES	CHK'D BY <i>W. J. Wilson</i>	DATE 11/17/72	
.XXX ± .005	± 0° 30'	ENG'D BY <i>W. J. Wilson</i>	DATE 11/17/72	
.XX ± .02		PROD. ENG. <i>W. J. Wilson</i>	DATE 11/17/72	
X ± .1		PROG. <i>W. J. Wilson</i>	DATE 11/17/72	
REMOVE BURNS AND BREAK SHARP CORNERS SURFACE QUALITY ✓				
MATERIAL		NEXT HIGHER ASSY.		
		SIZE/CODE	NUMBER	REV.
FINISH		B-D-D-RK11-D	DUA	B
SCALE NONE				
SHEET 1 OF 1				
DIST. 5				

7	RKID-00005	A
2/3/82 6-13-73		
I. ORR		
7-00000 2/2/73		
22	RKID-00012A	B
2. Vowles 1-4-74		
I. ORR		
1/2/74		

This drawing and specifications, together with the project description, constitute the contract for the work. No change orders or amendments shall be made without the written approval of the Contracting Officer.

- NOTES:
1. USE YELLOW WIRE ITEM #4 FOR MACHINE WRAPPED.
 2. INSTALL STAND-OFFS (ITEM #5) BEFORE AWT.
 3. FOR CIRCUIT SCHEMATIC REFER TO D-CS-5401B5-0-1
 4. INSTALL GROUND CABLE (ITEM #8) AFTER AWT.



QTY.	DESCRIPTION	PART NO.	ITEM NO.
1	GROUND CABLE	629-7009328-0-0	8
4	LOCKWASHER *G EXT 700TH	9007649	7
1	DECAL LOGIC SERIAL NUMBER	A-55-74078% 00	6
4	STAND-OFF UN *146 B	9009120-1	5
A/R	30 SOLID CONDUCTOR KYNAR	9105740-94	4
2	SCR CAPTIVE (8-32X1.78)	9008157	3
2	RETAINING RING	9009316-1	2
1	BACK PANEL (RK11-D)	D-179-7009131-04	1

REV.	CHANGES NO.	REVISIONS
A	RK11-D-00010	1. Change 10-31-72
	ORA	
	R. Penn	11-12-73

UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES		DATE	
DECIMALS	ANGLES	DATE	DATE
.XXX = .003	± 0° 30'	9/25/72	
.XX = .01		DATE	
.X = .1		DATE	
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY		DATE	
MATERIAL		DATE	
NEXT HIGHER ASSY.		DATE	
FINISH		DATE	
SCALE		DATE	
SHEET		DATE	

TITLE		EQUIPMENT	
WIRED ASS'Y		CORPORATION	
(RK11-D)		MILITARY MACHINERY	

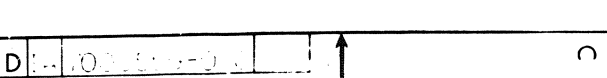
SIZE CODE	NUMBER	REV.
C 1A	7009142-0-0	A

PARTS LIST

DEC FORM NO. 16-1031

5 PINK

- D



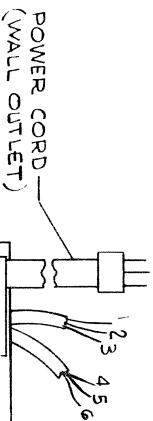
0 IN. 6 IN. 12 IN.

8	7	6	5
---	---	---	---

B	A
---	---

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BASIC CAB ASSY 19
C-P-7006501-23-0
OR C-PL-7006501-31-0



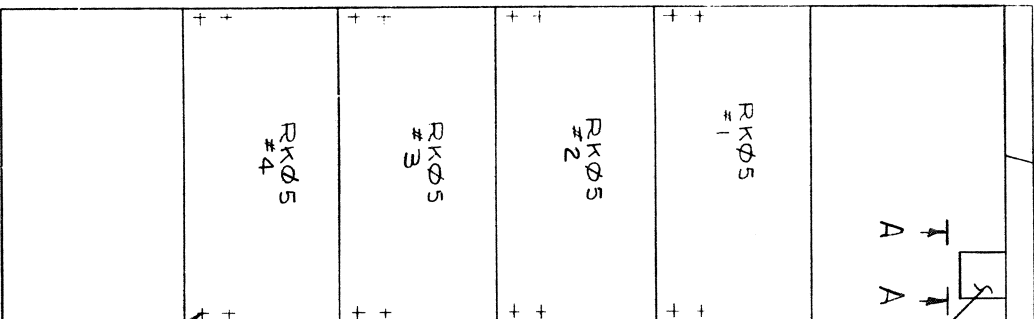
LOGO SEE NOTE #7

E-UA-860-0-0
POWER CONTROL

860-C/D
SEE NOTE #1

SEE NOTES 5 & 6

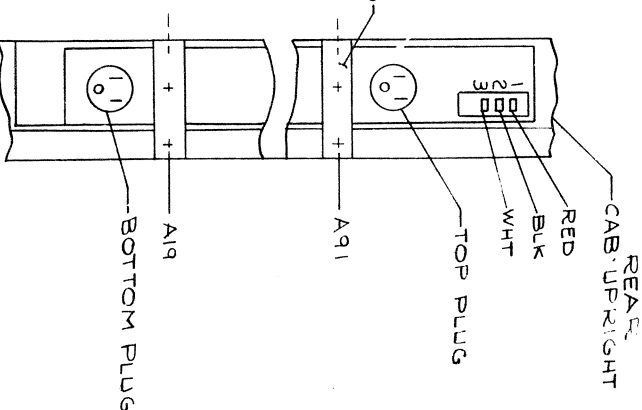
VIEW A-A



B-MD-7409275-0-0
SEE NOTE 8

FRONT VIEW

VIEW B-B
TYP FOR RECEPTACLE #1 & 2



REAR
CAB UPRIGHT
RED
BLK
WHT
TOP PLUG
A91
A19
BOTTOM PLUG

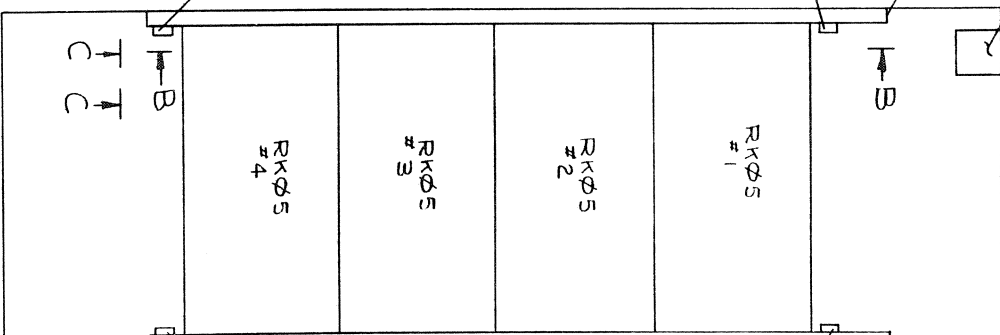
REAR VIEW

CONFIGURATION WITH 860 POWER CONTROL

E-UA-860-0-0
POWER CONTROL

D-AD-7008853-0-0
AC RECEPTACLE #1

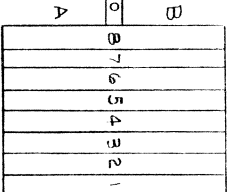
TOP PLUG



BOTTOM PLUG

BOTTOM PLUG

VIEW C-C
TYP RK05 #1
THRU RK05 #4



NOTES:

- 1) TO REMARK 860-A & B TO 860-C & D REFER TO DRAWING E-UA-860-0-0.
- 2) IF LESS THAN 4 DRIVES, THE M308 MODULE IS MOVED TO THE LAST DRIVE ON THE BUS IN THE SLOT NORMALLY OCCUPIED BY THE OUTCOMING BC11A CABLE.
- 3) IF MORE THAN 4 DRIVES, EACH WILL BE CONFIGURED SIMILARLY IN A SECOND CAB.
- 4) AS REQUIRED BY CONTROLLER, THE INCOMING CABLE TO RK05 #5 MAY COME DIRECTLY FROM A DISK CONTROL OR FROM THE SLOT NORMALLY OCCUPIED BY THE M308 IN RK05 #4. (SEE NOTE #2). POWER AND CABLING INFORMATION ALSO APPLY TO CAB #2.
- 5) IN A SYSTEM USING PDP-11/15, 11/20, OR PDP-8 PROCESSORS AND IF 860 OR 861 POWER CONTROL IS FIRST IN THE CHAIN OF POWER CONTROLS, CONNECT P1 OF CABLE #7008964 TO H720-E/F IN THE PROCESSOR. DO NOT USE ANY OTHER JUMPER PLUG IN THE PROCESSOR POWER SUPPLY. IN ALL OTHER SITUATIONS USE CABLE #7008288 FOR INTERCONNECTIONS.
- 6) PLUGS 8, 9 AND 10 ARE WIRED IN PARALLEL. USE ANY PLUGS AS REQUIRED. NO JUMPER PLUG IS REQUIRED ON THE 860 OR 861 POWER CONTROL.
- 7) USE BLANK LOGO, COLOR TO COINCIDE WITH PRODUCT LINE.
- 8) TO MOUNT CHASSIS SLIDES ON RACK USE MOUNTING HARDWARE KIT #7008278 OR ITEMS:
1. TINNERMAN NUT #9007786
2. #10-32 PHL TRUSS #9006074-3
3. #10 EXTERNAL TIGHT #9007651
WASHER
LOCATION OF MOUNTING HOLES TO BE AS FOLLOWS:
STARTING FROM BOTTOM OF RACK HOLE NUMBERS FOR FRONT AND REAR, LEFT AND RIGHT
21, 24
39, 42
57, 60
75, 78.
- 9) USE THE PRE-FOLDED CREASES ON THE DISK BUS CABLE FOR CLAMPING. DO NOT PULL THE CABLE TIGHT AGAINST PRE-FILTER. LEAVE SERVICE LOOP SO THAT HAND CAN FIT BETWEEN THE CABLE AND FILTER.
- 10) RK05'S PLUG INTO SWITCHED AC OUTLETS ONLY.

REVISIONS		
CHK	CHANGE NO	REV
27	RK05-00028	A
G. SCHNEIDER		
28	RK05-00043	B
G. SCHNEIDER		

FIRST USED ON OPTION/MODEL		QTY.		DESCRIPTION		PART NO.		ITEM	
RK05									
UNLESS OTHERWISE SPECIFIED		DATE		DATE		DATE		DATE	
DIMENSION IN INCHES		CHK'D		DATE		DATE		DATE	
TOLERANCES		DECIMALS		ANGLES		ANGLES		ANGLES	
XXX - .005		±0° 30'							
XX - .02									
X - .1									
REMOVE BURS AND BREAK SHARP		PROD		DATE		DATE		DATE	
CORNERS SURFACE QUALITY		NEXT HIGHER ASSY.							
MATERIAL		SIZE/CODE		NUMBER		REV			
FINISH		SCALE		SHEET 1 OF 3		DIST			

➤

POWER CORD CONNECTIONS WITH 660	
POWER CONTROL	
FROM	TO

RK05 #1	AC RECEPTACLE #1 TOP PLUG
RK05 #2	AC RECEPTACLE #2 TOP PLUG
RK05 #3	AC RECEPTACLE #2 BOTTOM PLUG
RK05 #4	AC RECEPTACLE #1 BOTTOM PLUG

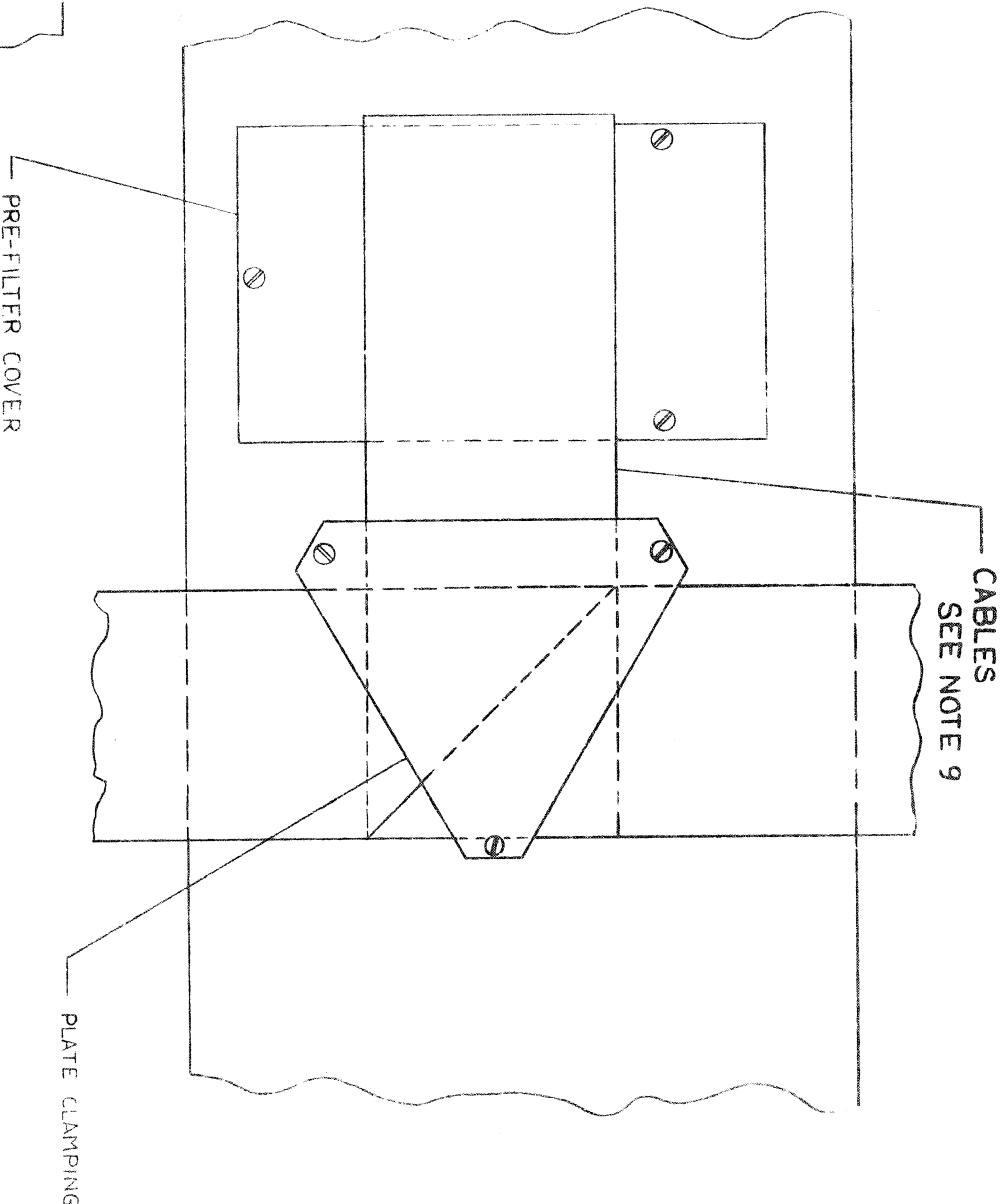
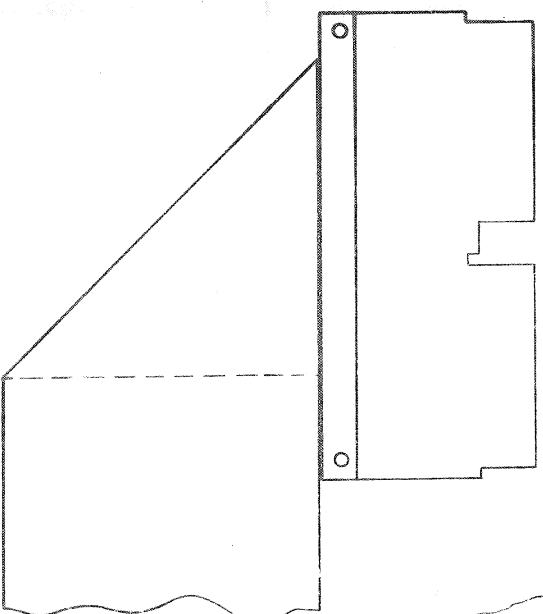
BUS CABLE CONNECTIONS

FROM		TO		CABLE	REMARKS
DIVCE	LOCATION	DEVICE	LOCATION		
DISK CONTROL	A/R	RK05 #1	AB8	BC11A	5-10TH A/R
RK05 #1	AB7	RK05 #2	AB7	BC11A-6	
RK05 #2	AB8	RK05 #3	AB8	BC11A-6	
RK05 #3	AB7	RK05 #4	AB7	BC11A-6	
RK05 #4	AB8	—	—	MA300	MODULE

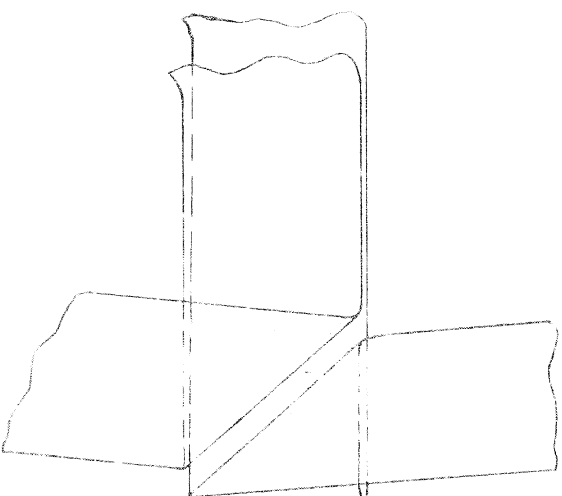
860 POWER CONNECTIONS

AWG	COLOR	FROM	TO	REMARKS
10P	BLK	0606-PT1*	RECP #1-1	
10P	WHT	0606-PT2*	↑ #1-2	SEE VIEW
	RED	0606-PT3*	↑ #1-3	B-B
	BLK	0606-PT4*	#2-1	
	WHT	0606-PT5*	↑ #2-2	
10P	RED	0606-PT6*	RECP #2-3	

*(ASTERISK) INDICATES WIRE POINTS ON
6500 POWER CONTROL MARKED WITH
BRADY MARKERS.



FIRST FOLD FOR UNIBUS CABLE



CABLE FOLDING FOR CLAMPING

REVISIONS		
CHK	CHANGE NO.	REV.

FIRST USED ON CRITICUM MODEL		DTY		DESCRIPTION		PART NO		REV	
UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES TOLERANCES		DIN		DATE		PART NO		REV	
DESCRIPTORS		DIN		DATE		PART NO		REV	
XX - 100 XX - 100 XX - 100		DIN		DATE		PART NO		REV	
REMOVE FROM PART AND PLACE IN BOX		DIN		DATE		PART NO		REV	
MATERIAL		DIN		DATE		PART NO		REV	
FINISH		DIN		DATE		PART NO		REV	
SCALE		DIN		DATE		PART NO		REV	
SHEET 1 OF 1		DIN		DATE		PART NO		REV	
TITLE		DIN		DATE		PART NO		REV	
OPTIONAL CONFIGURATION		DIN		DATE		PART NO		REV	
SIZE CODE		DIN		DATE		PART NO		REV	
DIN		DIN		DATE		PART NO		REV	
REV		DIN		DATE		PART NO		REV	

MAYNARD, MASSACHUSETTS

ACCESSORY LIST

MADE BY	CHECKED	SECTION	
DATE 12/1/72	DATE		PA PAPER TAPE ASCII
ENG 12-03	PROD P. 200-67		PB PAPER TAPE BINARY
DATE 11/1/72	DATE 12/13/72	ISSUED SECT.	PM PAPER TAPE
			READ-IN-MODE

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

[illegible]

TITLE		ASSY. NO.		SIZE CODE	NUMBER		REV.	ECONO
MOVING HEAD DISK CONTROL RK11-D,E				AAL	RK11-D-6			
SHEET 1 OF 1		DIST.						