

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

FIELD MAINTENANCE PRINT SET

" THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION." COPYRIGHT © 1983 DIGITAL EQUIPMENT CORPORATION.

TABLE OF CONTENTS

UNIT VARIATIONS
COVERED BY THIS
PRINT SET

KL10-RA
KL10-RC
KL10-RE

KL10-R
FIELD MAINTENANCE
PRINT SET

DIGITAL EQUIPMENT
CORPORATION

PRINT SET PART
NUMBER MP01708-00

REVISION HISTORY	DATE	ECO NUMBER	REV.	INITIAL		DRN.	J. Huson	DATE	19 SEP 83	TITLE	KL10-R PROCESSOR	digital	
						CHK'D	J. Huson	DATE	19 SEP 83				
						DES. ENG.	R. SCOTT	DATE	19 SEP 83				
						RESP. ENG.	R. SCOTT	DATE	19 SEP 83	SIZE	CODE	NUMBER	REV.
						FIELD SERVICE	J. SWEENEY	DATE	19 SEP 83	B	TC	KL10-R-DBU	A
						TOP DOC.	B-TC-KL10-R-DBU					SHEET 1 OF 2	

MRO

DRAWING NUMBER	REV	DESCRIPTION
B-TC-KL10-R-DBU	A	KL10-R PRINT SET
E-UA-KL10-R-0	A	KL10-R PROCESSOR ASSEMBLY
K-PL-KL10-R-DBP	A	KL10-R PROCESSOR PARTS LIST
D-IC-KL10-0-1	*	POWER DIAGRAM
D-IC-KL10-0-2	*	REGULATOR ASSEMBLY
C-MU-KL10-0-RHDT	*	RH/DTE MODULE UTILIZATION
C-MU-KL10-0-CPU	A	KL10-PV MODULE UTILIZATION
E-AD-7020327-0-0	A	FRONT END CAB ASSEMBLY
K-PL-7020327-0-DBP	A	FRONT END CAB PARTS LIST
E-AD-7020325-0-0	A	I/O CAB ASSEMBLY
K-PL-7020325-0-DBP	A	I/O CAB PARTS LIST
E-AD-7020326-0-0	A	CPU CAB ASSEMBLY
K-PL-7020326-0-DBP	A	CPU CAB PARTS LIST
E-UA-H760-0-0	J	RAW POWER SUPPLY H760
K-PL-H760-0-DBP	J	RAW POWER SUPPLY PARTS LIST
D-CS-H760A-0-1	B	CIRCUIT SCHEMATIC H760A
E-AD-7009409-0-0	C	DIODE HEAT SINK ASSEMBLY
D-AD-7009410-0-0	D	COMPONENT MTG PLATE ASSEMBLY
D-IC-H761-0-8	A	H761 WIRING DIAGRAM
E-UA-H761-0-0	K	REGULATED POWER SUPPLY
K-PL-H761-0-DBP	K	REGULATED POWER SUPPLY PARTS LIST
D-IC-H761-0-1	A	CONTROL LOGIC
D-CS-G8010-0-1	C	-5.2 VOLT CONTROL
D-CS-G8011-0-1	C	-2 VOLT CONTROL
D-CS-G8013-0-1	B	+10 VOLT REFERENCES
D-CS-G8014-0-1	B	LOW VOLTAGE DETECTOR
D-CS-5410663-0-1	B	SERIES PASS -2.0 VOLT BOARD
D-CS-5410665-0-1	B	-5.2 VOLT BOARD
E-AD-7009404-0-0	F	REGULATED HEAT SINK ASSY -2.0 VOLT
K-PL-7009404-0-DBP	F	REGULATED HEAT SINK PARTS LIST
E-AD-7009405-0-0	F	REGULATED HEAT SINK ASSY -5.2
K-PL-7009405-0-DBP	F	REGULATED HEAT SINK PARTS LIST
D-CS-7009404-0-1	*	-2.0 VOLT HEAT SINK ASSEMBLY
D-CS-7009405-0-1	*	-5.2 VOLT HEAT SINK ASSEMBLY
E-IA-7009545-0-0	*	HARNESS DRIVE SCR SCR RTN
D-IA-7009546-0-0	*	HARNESS SENSE
E-IA-7009547-0-0	A	HARNESS OPEN SENSE
E-UA-863-0-0	K	POWER CONTROLLER 863
K-PL-863-0-DBP	K	POWER CONTROLLER PARTS LIST
D-CS-863-0-1	F	CIRCUIT SCHEMATIC 863
D-CS-W516-0-1	D	AC LOW VOLTAGE DETECTOR
D-CS-W7000-0-1	C	AUX POWER SUPPLY
C-AD-7009632-0-0	C	WIRED ASSY, CHASSIS 863 P.C.
K-PL-7009878-0-DBP	E	CAPACITOR BOX ASSY PARTS LIST
E-AD-7009879-0-0	E	CAPACITOR BOX ASSEMBLY
E-UA-861-D	K	POWER CONTROLLER
E-AD-7020310-0-0	A	SWITCH PANEL ASSEMBLY
K-PL-7020310-0-DBP	A	SWITCH PANEL PARTS LIST

DRAWING NUMBER	REV	DESCRIPTION
D-AD-7009876-0-0	A	VANE SWITCH ASSEMBLY
E-AD-7020381-0-0	A	LOGIC ASSEMBLY RH20/DTE20
K-PL-7020381-0-DBP	A	LOGIC ASSEMBLY RH20/DTE20 P.L.
E-AD-7009429-0-0	F	WIRED ASSEMBLY RH20/DTE20
A-PL-7009429-0-0	F	WIRED ASSEMBLY RH20/DTE20 P.L.
D-AD-7010103-0-0	C	SWITCH ASSY
D-UA-5411360-0-0	*	SWITCH BOARD SH 1-2
D-IA-7011520-0-0	*	VANE SWITCH ASSEMBLY
C-IA-7008288-0-0	J	CABLE ASSEMBLY
D-UA-BC06R-0-0	F	BC06R I/O CABLE
D-IA-7020715-0-0	A	CABLE PRIMARY POWER 60 Hz
B-PL-KL10-R-SH	A	SHIP LIST KL10-R
D-AD-7018288-0-0	B	VOLTAGE MONITOR ASSY I/O #1
K-PL-7018288-0-DBP	B	VOLTAGE MONITOR ASSY I/O #1 P.L.
D-UA-5414506-1-0	A	VOLTAGE MONITOR BOARD
K-PL-5414506-1-DBP	A	VOLTAGE MONITOR BOARD P.L.
D-CS-5414506-1-1	A	VOLTAGE MONITOR BOARD
A-SP-5414506-1-2	A	VOLTAGE MONITOR
E-AD-7016018-0-0	B	CARD CAGE ASSEMBLY
K-PL-7016018-0-DBP	B	CARD CAGE ASSEMBLY P.L.
MP00622	H	MF20 PRINT SET FOR REF ONLY
B-DD-KL10-R	A	KL10-R PROCESSOR D.D.FOR REF ONLY
EK-OKL10-MP-001	*	KL10 BLOCK DIAGRAMS FOR REF ONLY
MP00301	A	KL10-PV PRINT SET FOR REF ONLY

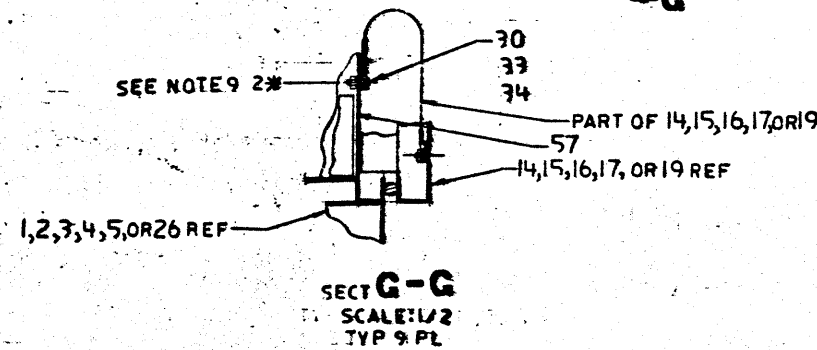
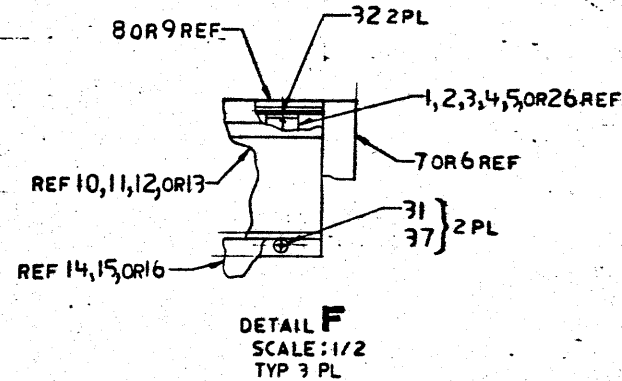
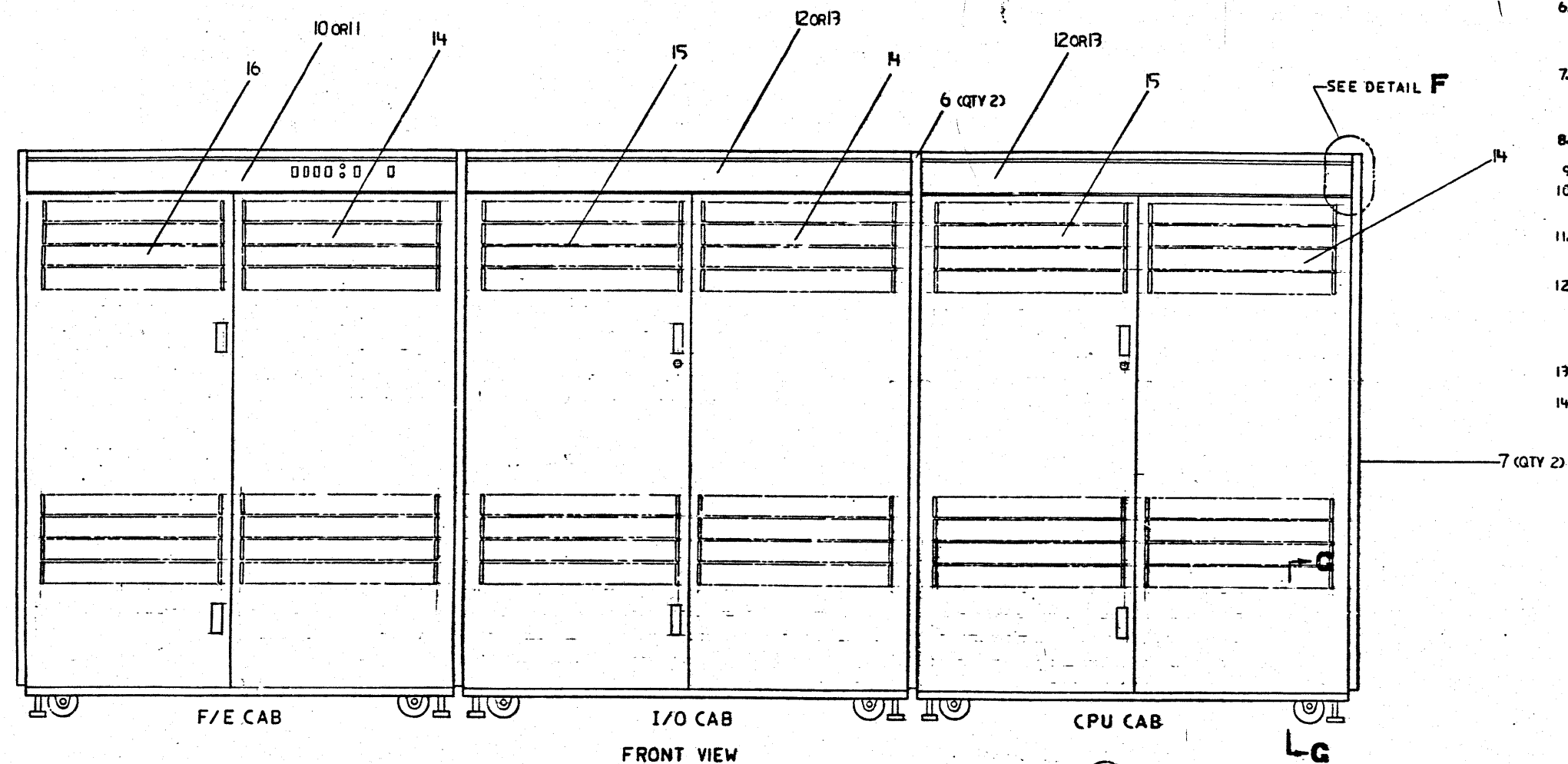
TITLE:	SIZE	CODE	NUMBER	REV.
KL10-R PROCESSOR	B	TC	KL10-R-DBU	A

MRO

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL. NO PART OF THIS DRAWING OR SPECIFICATIONS MAY 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.

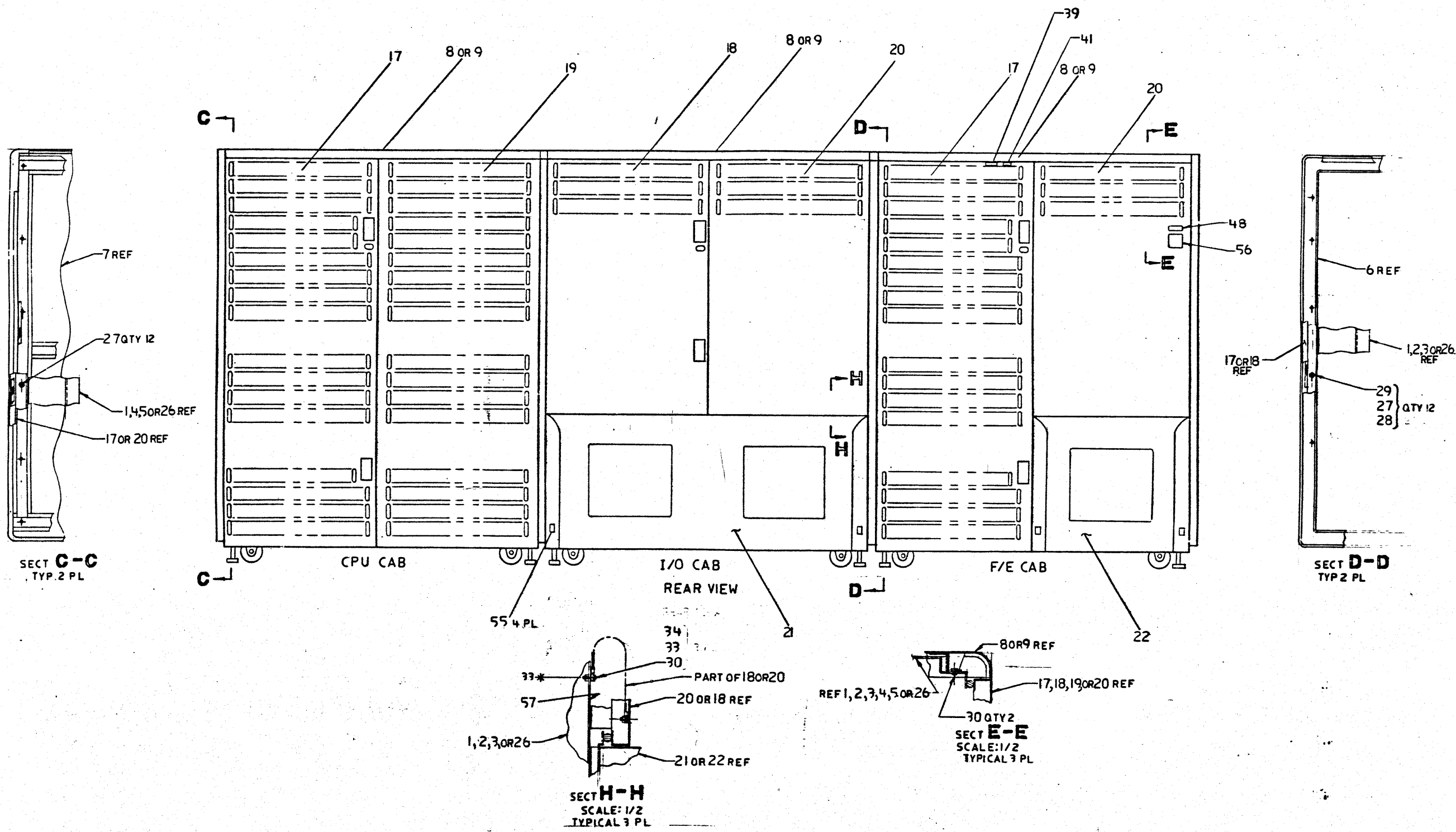
LEGEND		
PART NO.	VARIATION	REV
KLIO-RA	60HZ ORANGE	A1
KLIO-RC	60HZ BLUE	A1
KLIO-RE	60HZ BLUE NO MEM	A1

- NOTES:
- THIS DOCUMENT DESCRIBES COMPLETELY THE MECHANICAL ASSEMBLY OF THE KLIO-R. FOR ANY ELECTRONIC, LOGIC, OR SCHEMATIC INFORMATION SEE THE FOLLOWING FIELD MAINTENANCE PRINT SETS:
MP00622 MF20 MOS MEMORY
MP01708 KLIO-R PROCESSOR UNIT
MP00301 KLIO-PV EXTENDED ADDRESSING CPU
 - ITEM 38 (DIB20) IS STANDARD ON THE KLIO-RE ONLY. FOR INSTALLATION INFORMATION SEE PRINT SET MP00528
 - TO INSTALL A CARD READER CABLE REMOVE THIS PLATE, PASS CABLE THROUGH CUT-OUT AND REPLACE PLATE.
 - IF A SECOND DC20F-AD IS INSTALLED HERE REMOVE PLATES AND DISCARD
 - KLIO-RE ONLY INSTALL (2) BC20C-6C CABLES (ITEM 46) FROM CPU SLOT A803 TO DIB20 SLOT A801 AND FROM CPU SLOT C003 TO DIB20 SLOT C001.
 - IF A DN20-XX IS INSTALLED WITH THE KLIO-R THE I/O PLATES SUPPLIED WITH THE KLIO-R ARE USED. IF A DN20F-XX IS INSTALLED REMOVE THE PANEL AND INSTALL THE SIMILAR PANEL SUPPLIED WITH DN20F-XX
 - WHEN INSTALLING A MASSBUS CABLE TO AN RH20 REMOVE THE MASSBUS CLAMP AND INSTALL CABLE REPLACING MASSBUS CLAMP SECURELY AROUND CABLE.
 - WHEN SERVICING DRAWERS REMOVE SHIPPING BRACKETS. REPLACE BRACKETS WHEN COMPLETED
 - * DENOTES HOLE NUMBER. BOTTOM HOLE IS HOLE NO. 0
 - FOR INSTALLATION OF RH20'S OR DTE 20'S SEE DRAWING D-MU-KLIO-0-RHDT. FOR INSTALLATION OF ANY CPU (KLIO-PV) MODULES SEE DRAWING D-MU-KLIO-0-CPU
 - FOR KLIO-RA, KLIO-RC REMOVE (2) M8519 IN SLOTS 7 AND 8 OF CPU BACKPLANE (KLIO-PV) AND REPLACE WITH (2) M8580 (ITEM 42)
 - WHEN INSTALLING DIB20 (ITEM 38) FOLLOW PRINTS SPECIFIED IN NOTE 2 WITH THE EXCEPTION OF THE MOUNTING HOLES FOR THE BRACKET, POWER CONNECTOR (7005868). MOUNT THIS IN HOLES 21 AND 24 RATHER THAN 11 AND 14.
 - INSTALL ITEM 58 (TERMINATOR ASSY) IN UNUSED PORT OF RP06.
 - REMOVE AND DISCARD GND STRAP FROM TWO END PANELS (ITEM 7)

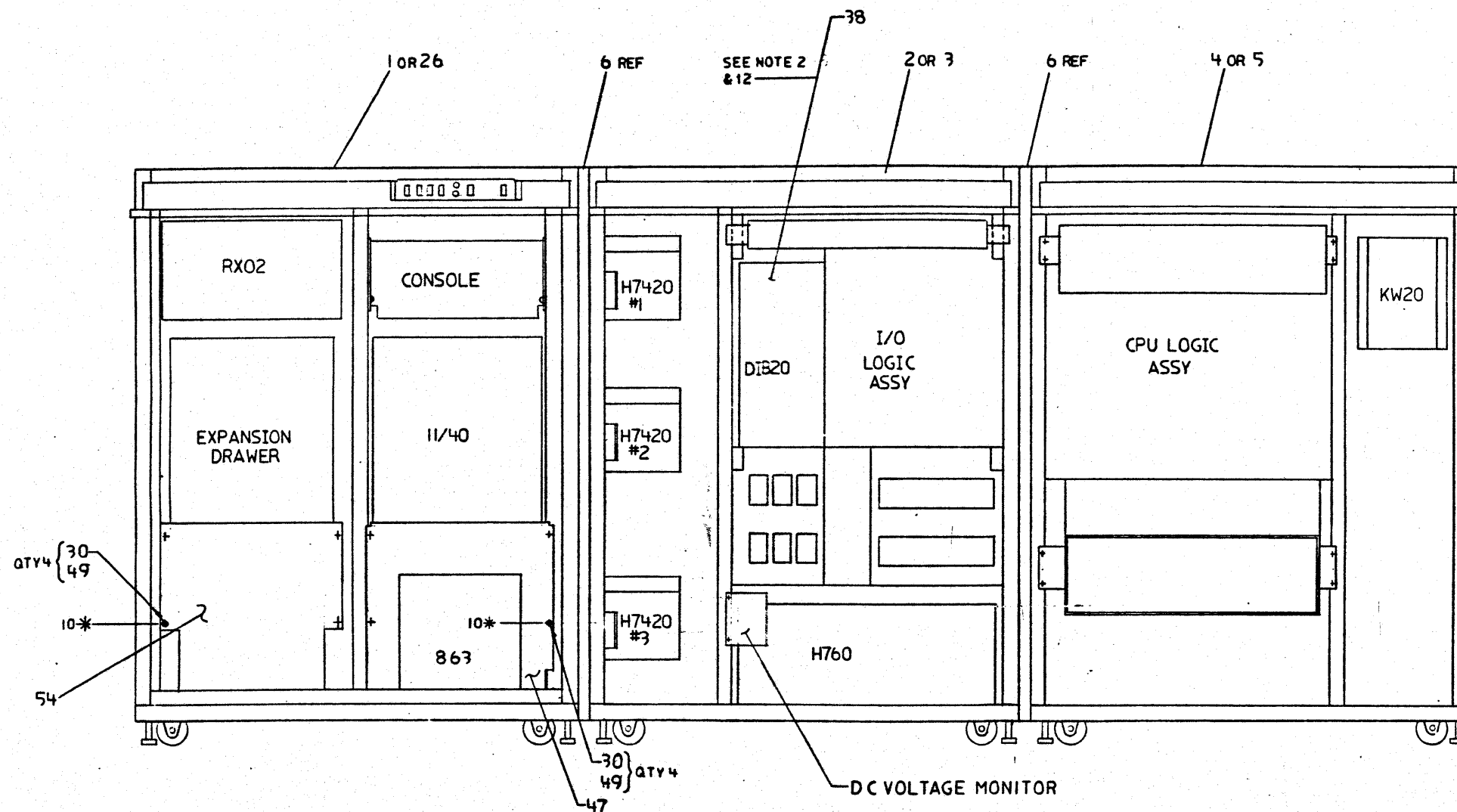


CAUTION: OFF SHEET PARTS LIST EXISTS.
SEE K-PL-KLIO-R-DBP.

DESCRIPTION	DRAWING NO.	PART NO.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND THE FOLLOWING TOLERANCES APPLY (PER DEC STD 11.1)		
INCHES TOLERANCES	ANGLES ± 0° 30'	APPLICABLE DIMENSION RANGE
XX ± .01	TO 12	OVER 12.0 TO 12.5
XX ± .02	TO 12.5	OVER 12.5 TO 13.0
XX ± .03	TO 13.0	OVER 13.0 TO 13.5
XX ± .04	TO 13.5	OVER 13.5 TO 14.0
XX ± .05	TO 14.0	OVER 14.0 TO 14.5
XX ± .06	TO 14.5	OVER 14.5 TO 15.0
XX ± .07	TO 15.0	OVER 15.0 TO 15.5
XX ± .08	TO 15.5	OVER 15.5 TO 16.0
XX ± .09	TO 16.0	OVER 16.0 TO 16.5
XX ± .10	TO 16.5	OVER 16.5 TO 17.0
XX ± .12	TO 17.0	OVER 17.0 TO 17.5
XX ± .15	TO 17.5	OVER 17.5 TO 18.0
XX ± .18	TO 18.0	OVER 18.0 TO 18.5
XX ± .20	TO 18.5	OVER 18.5 TO 19.0
XX ± .25	TO 19.0	OVER 19.0 TO 19.5
XX ± .30	TO 19.5	OVER 19.5 TO 20.0
XX ± .35	TO 20.0	OVER 20.0 TO 20.5
XX ± .40	TO 20.5	OVER 20.5 TO 21.0
XX ± .45	TO 21.0	OVER 21.0 TO 21.5
XX ± .50	TO 21.5	OVER 21.5 TO 22.0
XX ± .55	TO 22.0	OVER 22.0 TO 22.5
XX ± .60	TO 22.5	OVER 22.5 TO 23.0
XX ± .65	TO 23.0	OVER 23.0 TO 23.5
XX ± .70	TO 23.5	OVER 23.5 TO 24.0
XX ± .75	TO 24.0	OVER 24.0 TO 24.5
XX ± .80	TO 24.5	OVER 24.5 TO 25.0
XX ± .85	TO 25.0	OVER 25.0 TO 25.5
XX ± .90	TO 25.5	OVER 25.5 TO 26.0
XX ± .95	TO 26.0	OVER 26.0 TO 26.5
XX ± 1.00	TO 26.5	OVER 26.5 TO 27.0
XX ± 1.10	TO 27.0	OVER 27.0 TO 27.5
XX ± 1.20	TO 27.5	OVER 27.5 TO 28.0
XX ± 1.30	TO 28.0	OVER 28.0 TO 28.5
XX ± 1.40	TO 28.5	OVER 28.5 TO 29.0
XX ± 1.50	TO 29.0	OVER 29.0 TO 29.5
XX ± 1.60	TO 29.5	OVER 29.5 TO 30.0
XX ± 1.70	TO 30.0	OVER 30.0 TO 30.5
XX ± 1.80	TO 30.5	OVER 30.5 TO 31.0
XX ± 1.90	TO 31.0	OVER 31.0 TO 31.5
XX ± 2.00	TO 31.5	OVER 31.5 TO 32.0
XX ± 2.10	TO 32.0	OVER 32.0 TO 32.5
XX ± 2.20	TO 32.5	OVER 32.5 TO 33.0
XX ± 2.30	TO 33.0	OVER 33.0 TO 33.5
XX ± 2.40	TO 33.5	OVER 33.5 TO 34.0
XX ± 2.50	TO 34.0	OVER 34.0 TO 34.5
XX ± 2.60	TO 34.5	OVER 34.5 TO 35.0
XX ± 2.70	TO 35.0	OVER 35.0 TO 35.5
XX ± 2.80	TO 35.5	OVER 35.5 TO 36.0
XX ± 2.90	TO 36.0	OVER 36.0 TO 36.5
XX ± 3.00	TO 36.5	OVER 36.5 TO 37.0
XX ± 3.10	TO 37.0	OVER 37.0 TO 37.5
XX ± 3.20	TO 37.5	OVER 37.5 TO 38.0
XX ± 3.30	TO 38.0	OVER 38.0 TO 38.5
XX ± 3.40	TO 38.5	OVER 38.5 TO 39.0
XX ± 3.50	TO 39.0	OVER 39.0 TO 39.5
XX ± 3.60	TO 39.5	OVER 39.5 TO 40.0
XX ± 3.70	TO 40.0	OVER 40.0 TO 40.5
XX ± 3.80	TO 40.5	OVER 40.5 TO 41.0
XX ± 3.90	TO 41.0	OVER 41.0 TO 41.5
XX ± 4.00	TO 41.5	OVER 41.5 TO 42.0
XX ± 4.10	TO 42.0	OVER 42.0 TO 42.5
XX ± 4.20	TO 42.5	OVER 42.5 TO 43.0
XX ± 4.30	TO 43.0	OVER 43.0 TO 43.5
XX ± 4.40	TO 43.5	OVER 43.5 TO 44.0
XX ± 4.50	TO 44.0	OVER 44.0 TO 44.5
XX ± 4.60	TO 44.5	OVER 44.5 TO 45.0
XX ± 4.70	TO 45.0	OVER 45.0 TO 45.5
XX ± 4.80	TO 45.5	OVER 45.5 TO 46.0
XX ± 4.90	TO 46.0	OVER 46.0 TO 46.5
XX ± 5.00	TO 46.5	OVER 46.5 TO 47.0
XX ± 5.10	TO 47.0	OVER 47.0 TO 47.5
XX ± 5.20	TO 47.5	OVER 47.5 TO 48.0
XX ± 5.30	TO 48.0	OVER 48.0 TO 48.5
XX ± 5.40	TO 48.5	OVER 48.5 TO 49.0
XX ± 5.50	TO 49.0	OVER 49.0 TO 49.5
XX ± 5.60	TO 49.5	OVER 49.5 TO 50.0
XX ± 5.70	TO 50.0	OVER 50.0 TO 50.5
XX ± 5.80	TO 50.5	OVER 50.5 TO 51.0
XX ± 5.90	TO 51.0	OVER 51.0 TO 51.5
XX ± 6.00	TO 51.5	OVER 51.5 TO 52.0
XX ± 6.10	TO 52.0	OVER 52.0 TO 52.5
XX ± 6.20	TO 52.5	OVER 52.5 TO 53.0
XX ± 6.30	TO 53.0	OVER 53.0 TO 53.5
XX ± 6.40	TO 53.5	OVER 53.5 TO 54.0
XX ± 6.50	TO 54.0	OVER 54.0 TO 54.5
XX ± 6.60	TO 54.5	OVER 54.5 TO 55.0
XX ± 6.70	TO 55.0	OVER 55.0 TO 55.5
XX ± 6.80	TO 55.5	OVER 55.5 TO 56.0
XX ± 6.90	TO 56.0	OVER 56.0 TO 56.5
XX ± 7.00	TO 56.5	OVER 56.5 TO 57.0
XX ± 7.10	TO 57.0	OVER 57.0 TO 57.5
XX ± 7.20	TO 57.5	OVER 57.5 TO 58.0
XX ± 7.30	TO 58.0	OVER 58.0 TO 58.5
XX ± 7.40	TO 58.5	OVER 58.5 TO 59.0
XX ± 7.50	TO 59.0	OVER 59.0 TO 59.5
XX ± 7.60	TO 59.5	OVER 59.5 TO 60.0
XX ± 7.70	TO 60.0	OVER 60.0 TO 60.5
XX ± 7.80	TO 60.5	OVER 60.5 TO 61.0
XX ± 7.90	TO 61.0	OVER 61.0 TO 61.5
XX ± 8.00	TO 61.5	OVER 61.5 TO 62.0
XX ± 8.10	TO 62.0	OVER 62.0 TO 62.5
XX ± 8.20	TO 62.5	OVER 62.5 TO 63.0
XX ± 8.30	TO 63.0	OVER 63.0 TO 63.5
XX ± 8.40	TO 63.5	OVER 63.5 TO 64.0
XX ± 8.50	TO 64.0	OVER 64.0 TO 64.5
XX ± 8.60	TO 64.5	OVER 64.5 TO 65.0
XX ± 8.70	TO 65.0	OVER 65.0 TO 65.5
XX ± 8.80	TO 65.5	OVER 65.5 TO 66.0
XX ± 8.90	TO 66.0	OVER 66.0 TO 66.5
XX ± 9.00	TO 66.5	OVER 66.5 TO 67.0
XX ± 9.10	TO 67.0	OVER 67.0 TO 67.5
XX ± 9.20	TO 67.5	OVER 67.5 TO 68.0
XX ± 9.30	TO 68.0	OVER 68.0 TO 68.5
XX ± 9.40	TO 68.5	OVER 68.5 TO 69.0
XX ± 9.50	TO 69.0	OVER 69.0 TO 69.5
XX ± 9.60	TO 69.5	OVER 69.5 TO 70.0
XX ± 9.70	TO 70.0	OVER 70.0 TO 70.5
XX ± 9.80	TO 70.5	OVER 70.5 TO 71.0
XX ± 9.90	TO 71.0	OVER 71.0 TO 71.5
XX ± 10.00	TO 71.5	OVER 71.5 TO 72.0
XX ± 10.10	TO 72.0	OVER 72.0 TO 72.5
XX ± 10.20	TO 72.5	OVER 72.5 TO 73.0
XX ± 10.30	TO 73.0	OVER 73.0 TO 73.5
XX ± 10.40	TO 73.5	OVER 73.5 TO 74.0
XX ± 10.50	TO 74.0	OVER 74.0 TO 74.5
XX ± 10.60	TO 74.5	OVER 74.5 TO 75.0
XX ± 10.70	TO 75.0	OVER 75.0 TO 75.5
XX ± 10.80	TO 75.5	OVER 75.5 TO 76.0
XX ± 10.90	TO 76.0	OVER 76.0 TO 76.5
XX ± 11.00	TO 76.5	OVER 76.5 TO 77.0
XX ± 11.10	TO 77.0	OVER 77.0 TO 77.5
XX ± 11.20	TO 77.5	OVER 77.5 TO 78.0
XX ± 11.30	TO 78.0	OVER 78.0 TO 78.5
XX ± 11.40	TO 78.5	OVER 78.5 TO 79.0
XX ± 11.50	TO 79.0	OVER 79.0 TO 79.5
XX ± 11.60	TO 79.5	OVER 79.5 TO 80.0
XX ± 11.70	TO 80.0	OVER 80.0 TO 80.5
XX ± 11.80	TO 80.5	OVER 80.5 TO 81.0
XX ± 11.90	TO 81.0	OVER 81.0 TO 81.5
XX ± 12.00	TO 81.5	OVER 81.5 TO 82.0
XX ± 12.10	TO 82.0	OVER 82.0 TO 82.5
XX ± 12.20	TO 82.5	OVER 82.5 TO 83.0
XX ± 12.30	TO 83.0	OVER 83.0 TO 83.5
XX ± 12.40	TO 83.5	OVER 83.5 TO 84.0
XX ± 12.50	TO 84.0	OVER 84.0 TO 84.5
XX ± 12.60	TO 84.5	OVER 84.5 TO 85.0
XX ± 12.70	TO 85.0	OVER 85.0 TO 85.5
XX ± 12.80	TO 85.5	OVER 85.5 TO 86.0
XX ± 12.90	TO 86.0	OVER 86.0 TO 86.5
XX ± 13.00	TO 86.5	OVER 86.5 TO 87.0
XX ± 13.10	TO 87.0	OVER 87.0 TO 87.5
XX ± 13.20	TO 87.5	OVER 87.5 TO 88.0
XX ± 13.30	TO 88.0	OVER 88.0 TO 88.5
XX ± 13.40	TO 88.5	OVER 88.5 TO 89.0
XX ± 13.50	TO 89.0	OVER 89.0 TO 89.5
XX ± 13.60	TO 89.5	OVER 89.5 TO 90.0
XX ± 13.70	TO 90.0	OVER 90.0 TO 90.5
XX ± 13.80	TO 90.5	OVER 90.5 TO 91.0
XX ± 13.90	TO 91.0	OVER 91.0 TO 91.5
XX ± 14.00	TO 91.5	OVER 91.5 TO 92.0
XX ± 14.10	TO 92.0	OVER 92.0 TO 92.5
XX ± 14.20	TO 92.5	OVER 92.5 TO 93.0
XX ± 14.30	TO 93.0	OVER 93.0 TO 93.5
XX ± 14.40	TO 93.5	OVER 93.5 TO 94.0
XX ± 14.50	TO 94.0	OVER 94.0 TO 94.5
XX ± 14.60	TO 94.5	OVER 94.5 TO 95.0
XX ± 14.70	TO 95.0	OVER 95.0 TO 95.5
XX ± 14.80	TO 95.5	OVER 95.5 TO 96.0
XX ± 14.90	TO 96.0	OVER 96.0 TO 96.5
XX ± 15.00	TO 96.5	OVER 96.5 TO 97.0
XX ± 15.10	TO 97.0	OVER 97.0 TO 97.5
XX ± 15.20	TO 97.5	OVER 97.5 TO 98.0
XX ± 15.30	TO 98.0	OVER 98.0 TO 98.5
XX ± 15.40	TO 98.5	OVER 98.5 TO 99.0
XX ± 15.50	TO 99.0	OVER 99.0 TO 99.5
XX ± 15.60	TO 99.5	OVER 99.5 TO 100.0
XX ± 15.70	TO 100.0	OVER 100.0 TO 100.5
XX ± 15.80	TO 100.5	OVER 100.5 TO 101.0
XX ± 15.90	TO 101.0	OVER 101.0 TO 101.5
XX ± 16.00	TO 101.5	OVER 101.5 TO 102.0
XX ± 16.10	TO 102.0	OVER 102.0 TO 102.5
XX ± 16.20	TO 102.5	OVER 102.5 TO 103.0
XX ± 16.30	TO 103.0	OVER 103.0 TO 103.5
XX ± 16.40	TO 103.5	OVER 103.5 TO 104.0
XX ± 16.50	TO 104.0	OVER 104.0 TO 104.5
XX ± 16.60	TO 104.5	OVER 104.5 TO 105.0
XX ± 16.70	TO 105.0	OVER 105.0 TO 105.5
XX ± 16.80	TO 105.5	OVER 105.5 TO 106.0
XX ± 16.90	TO 106.0	OVER 106.0 TO 106.5
XX ± 17.00	TO 106.5	OVER 106.5 TO 107.0
XX ± 17.10	TO 107.0	OVER 107.0 TO 107.5
XX ± 17.20	TO 107.5	OVER 107.5 TO 108.0
XX ± 17.30	TO 108.0	OVER 108.0 TO 108.5
XX ± 17.40	TO 108.5	OVER 108.5 TO 109.0
XX ± 17.50	TO 109.0	OVER 109.0 TO 109.5
XX ± 17.60	TO 109.5	OVER 109.5 TO 110.0
XX ± 17.70	TO 110.0	OVER 110.0 TO 110.5
XX ± 17.80	TO 110.5	OVER 110.5 TO 111.0
XX ± 17.90	TO 111.0	OVER 111.0 TO 111.5
XX ± 18.00	TO 111.5	OVER 111.5 TO 112.0
XX ± 18.10	TO 112.0	OVER 112.0 TO 112.5
XX ± 18.20	TO 112.5	OVER 112.5 TO 113.0
XX ± 18.30	TO 113.0	OVER 113.0 TO 113.5
XX ± 18.40	TO 113.5	OVER 113.5 TO 114.0
XX ± 18.50	TO 114.0	OVER 114.0 TO 114.5
XX ± 18.60	TO 114.5	OVER 114.5 TO 115.0
XX ± 18.70	TO 115.0	OVER 115.0 TO 115.5
XX ± 18.80	TO 115.5	OVER 115.5 TO 116.0
XX ± 18.90	TO 116.0	OVER 116.0 TO 116.5
XX ± 19.00	TO 116.5	OVER 116.5 TO 117.0
XX ± 19.10	TO 117.0	OVER 117.0 TO 117.5
XX ± 19.20	TO 117.5	OVER 117.5 TO 118.0
XX ± 19.30	TO 118.0	OVER 118.0 TO 118.5
XX ± 19.40	TO 118.5	OVER 118.5 TO 119.0
XX ± 19.50	TO 119.0	OVER 119.0 TO 119.5
XX ± 19.60	TO 119.5	OVER 119.5 TO 120.0
XX ± 19.70	TO 120.0	OVER 120.0 TO 120.5
XX ± 19.80	TO 120.5	OVER 120.5 TO 121.0
XX ± 19.90	TO 121.0	OVER 121.0 TO 121.5
XX ± 20.00	TO 121.5	OVER 121.5 TO 122.0
XX ± 20.10	TO 122.0	OVER 122.0 TO 122.5
XX ± 20.20	TO 122.5	OVER 122.5 TO 123.0
XX ± 20.30	TO 123.0	OVER 123.0 TO 123.5
XX ± 20.40	TO 123.5	OVER 123.5 TO 124.0
XX ± 20.50	TO 124.0	OVER 124.0 TO 124.5
XX ± 20.60	TO 124.5	OVER 124.5 TO 125.0
XX ± 20.70	TO 125.0	OVER 125.0 TO 125.5
XX ± 20.80	TO 125.5	OVER 125.5 TO 126.0
XX ± 20.90	TO 126.0	OVER 126.0 TO 126.5
XX ± 21.00	TO 126.5	OVER 126.5 TO 127.0
XX ± 21.10	TO 127.0	OVER 127.0 TO 127.5
XX ± 21.20	TO 127.5	OVER 127.5 TO 128.0
XX ± 21.30	TO 128.0	OVER 128.0 TO 128.5
XX ± 21.40	TO 128.5	OVER 128.5 TO 129.0
XX ± 21.50	TO 129.0	OVER 129.0 TO 129.5
XX ± 21.60	TO 129.5	OVER 129.5 TO 130.0
XX ± 21.70	TO 130.0	OVER 130.0 TO 130.5
XX ± 21.80	TO 130.5	OVER 130.5 TO 131.0
XX ± 21.90	TO 131.0	OVER 1



THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION.
COPYRIGHT © 1971 DIGITAL EQUIPMENT CORPORATION



FRONT VIEW
(SKINS REMOVED)

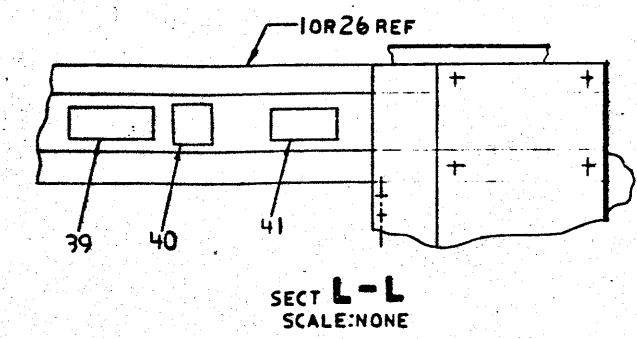
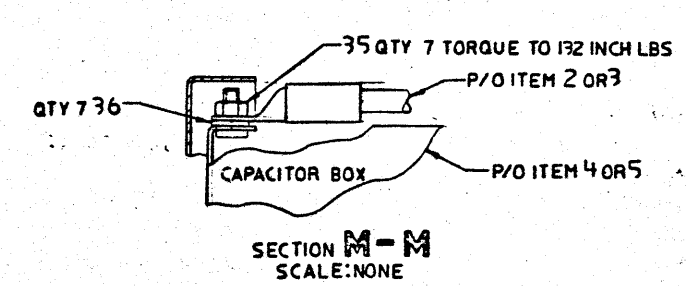
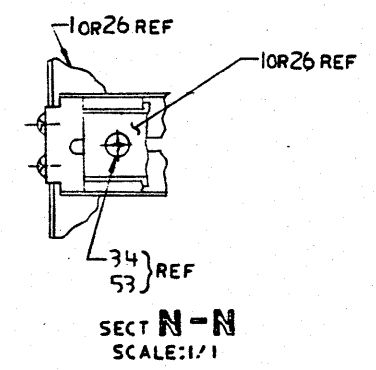
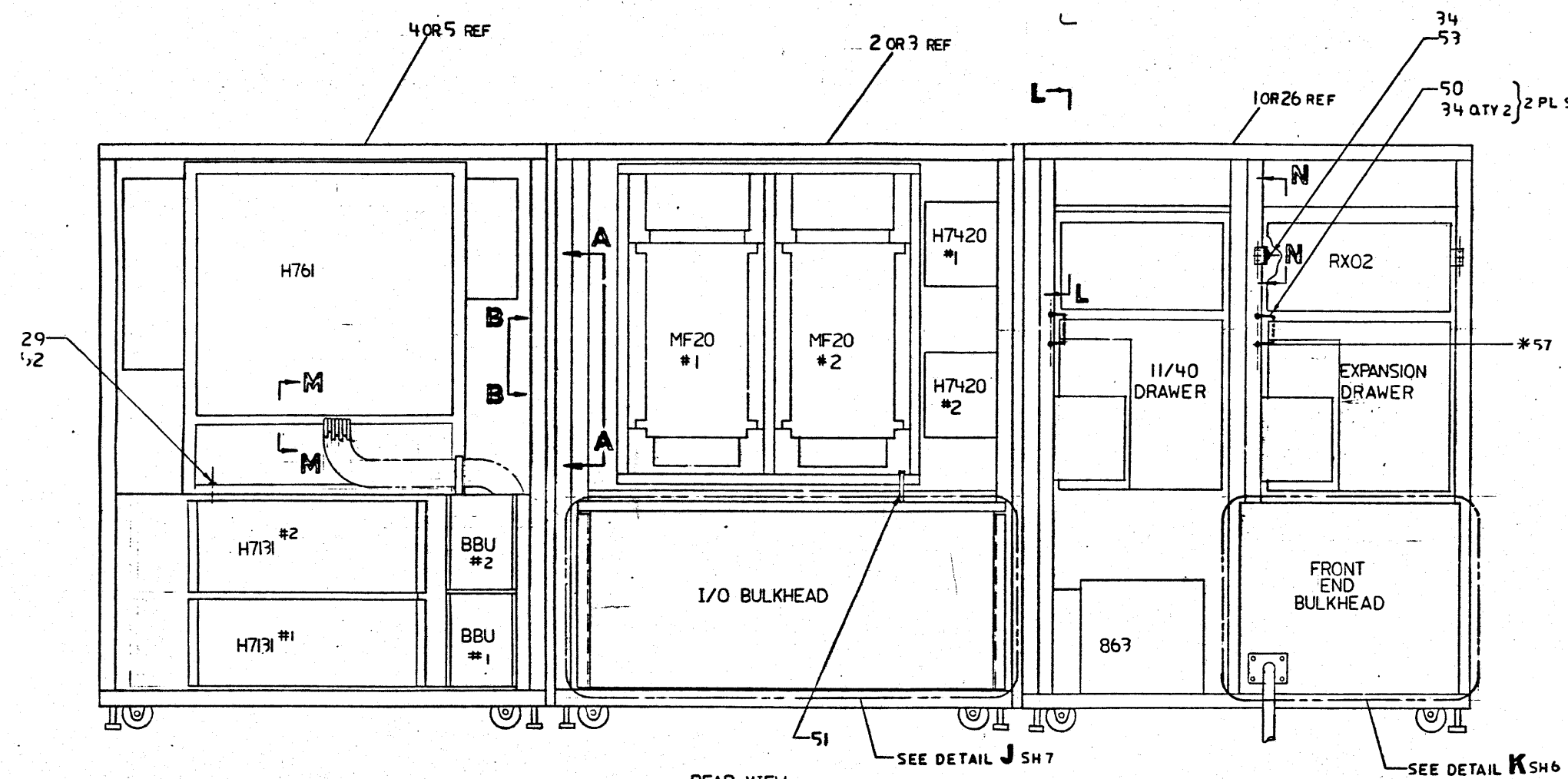
REVISION HISTORY		
DATE	ECO NUMBER	REV

TITLE

DOCUMENT NUMBER

11A K110-B-0

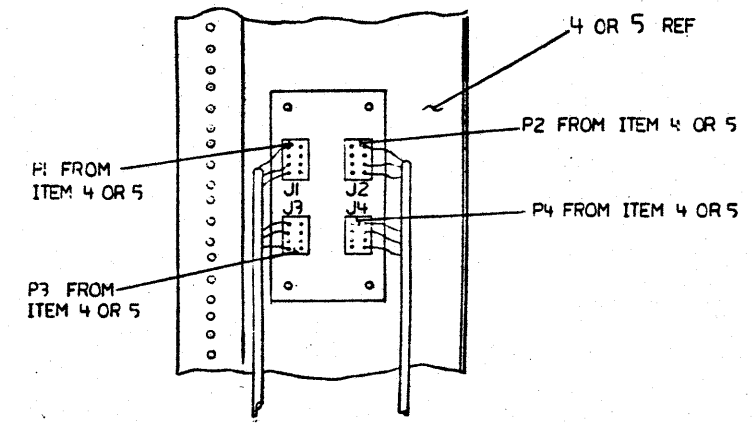
THE DIMENSIONS AND SPECIFICATIONS SHOWN ARE THE PROPERTY OF LORAIN EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART WITHOUT THE WRITTEN PERMISSION OF LORAIN EQUIPMENT CORPORATION.



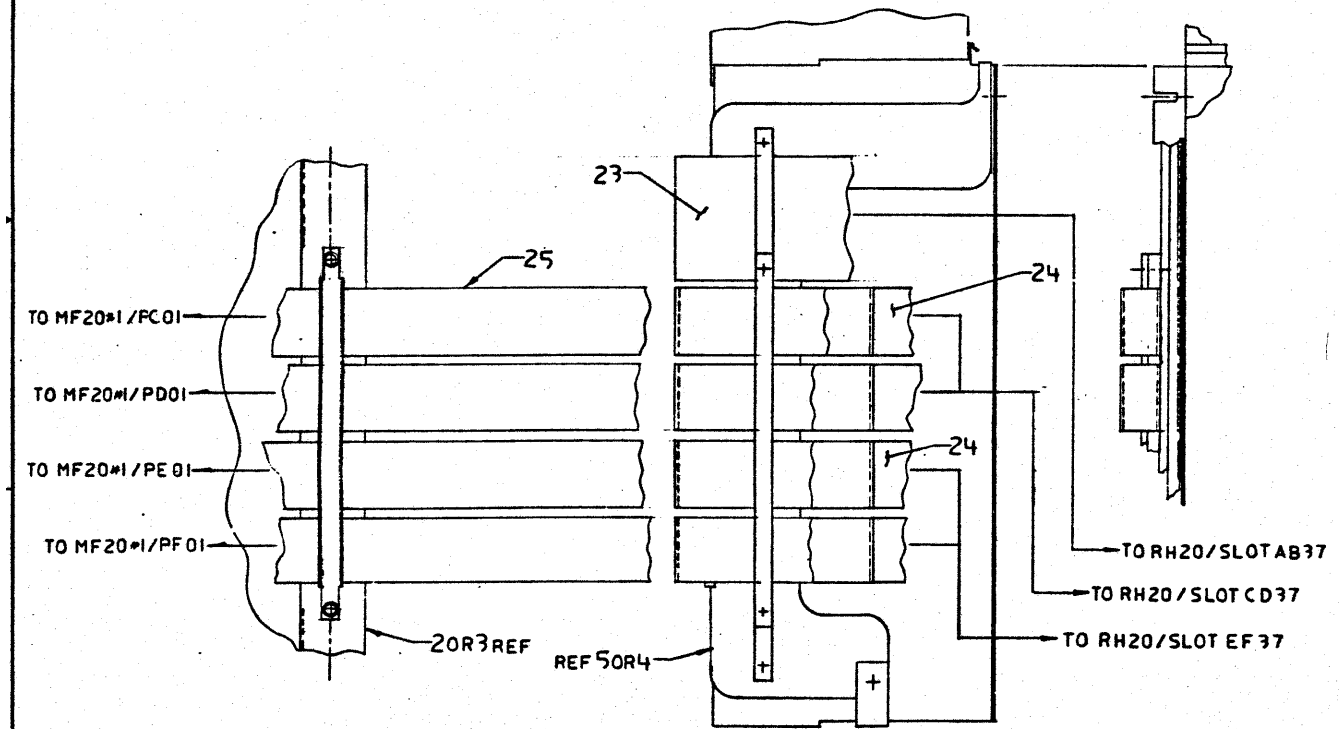
REAR VIEW
(SKINS REMOVED)

REVISION HISTORY		
DATE	ECO NUMBER	REV.

THIS DRAWING AND INFORMATION HEREON ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT 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 WRITTEN PERMISSION OF DIGITAL EQUIPMENT CORPORATION.

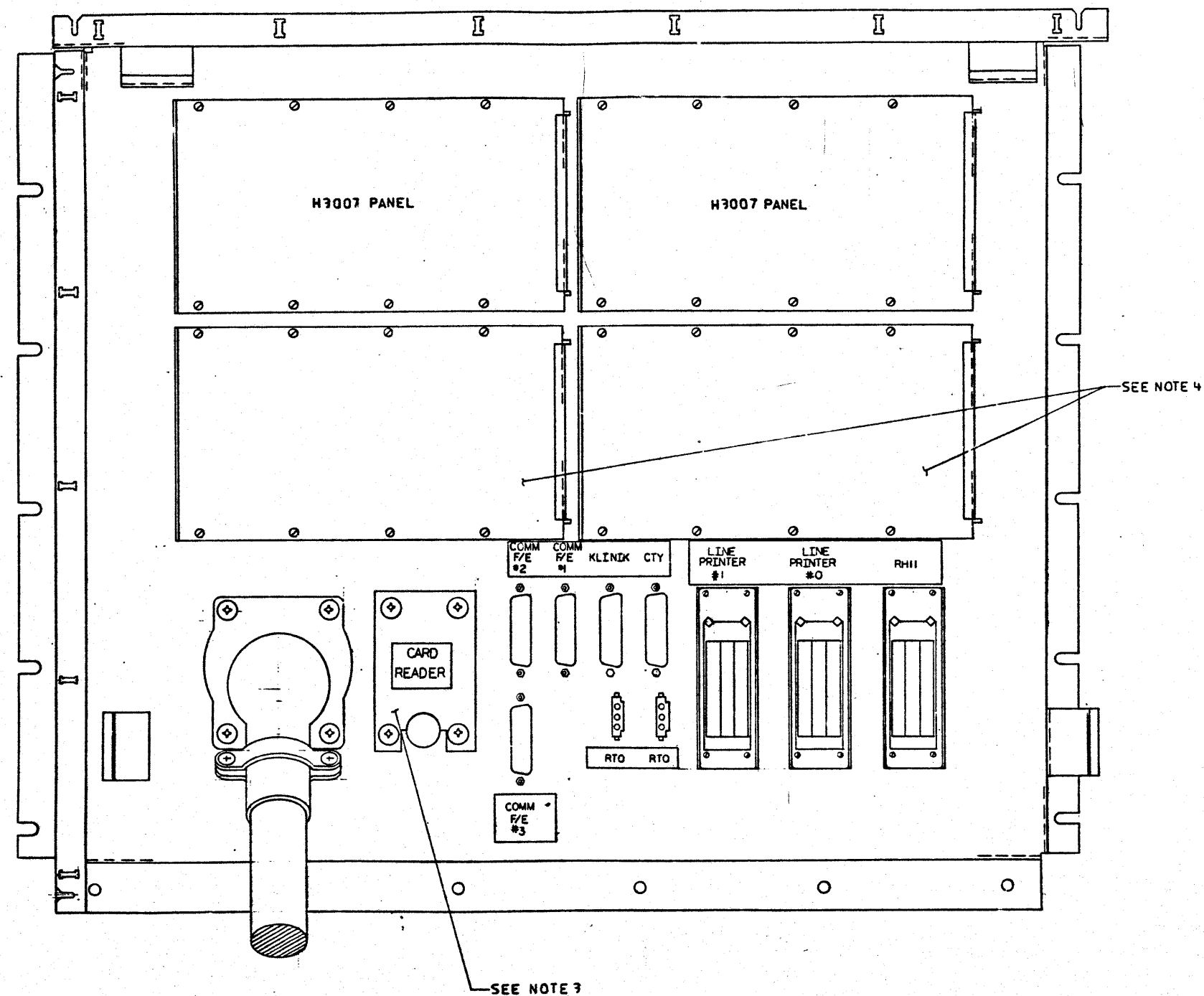


VIEW B-B SH4



VIEW A-A SH4

REVISION HISTORY		
DATE	ECO NUMBER	REV



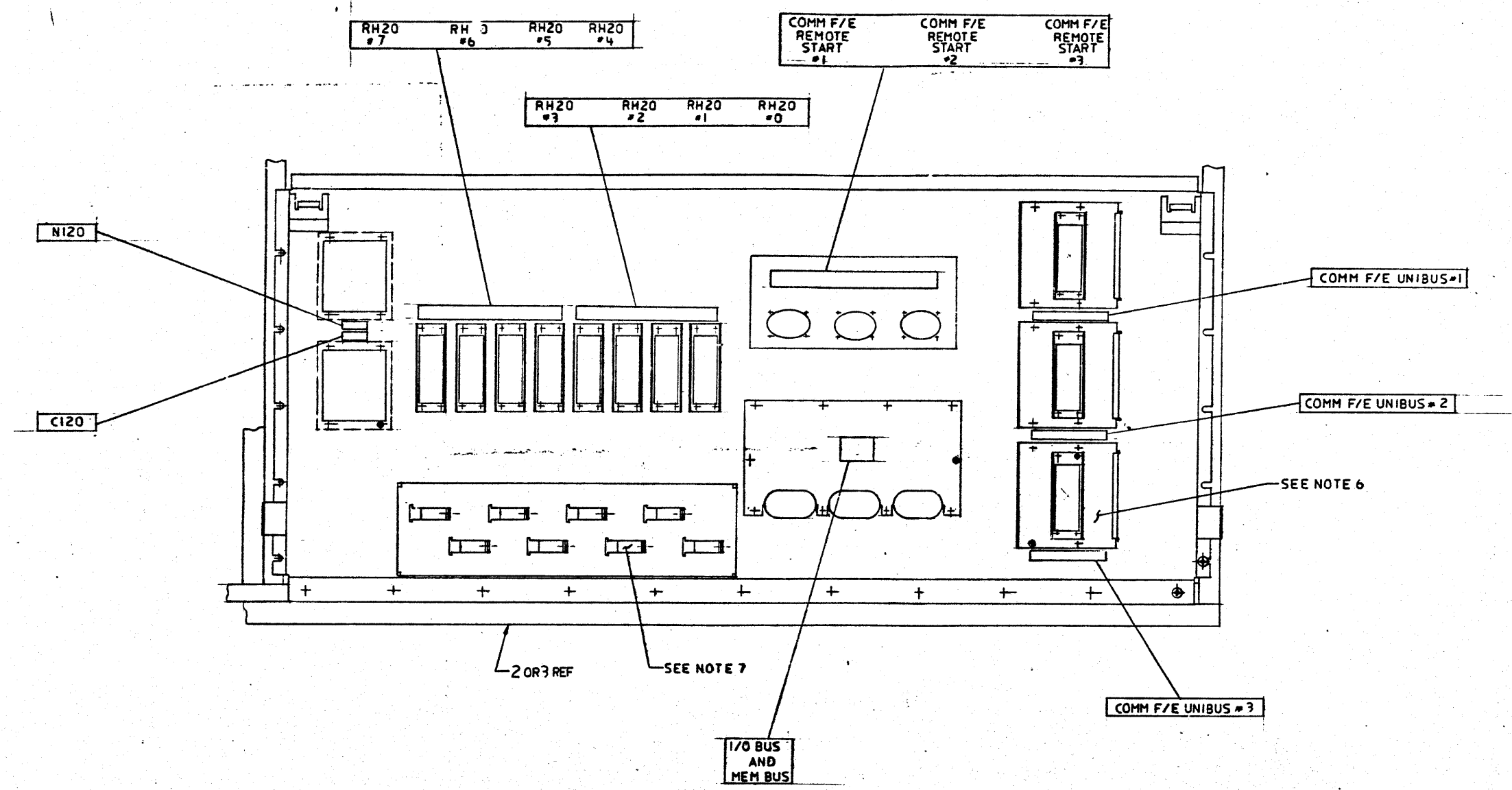
DETAIL **K** SH4
SCALE:1/1
(SHOWN FOR CABLING REFERENCE ONLY)

REVISION HISTORY		
REV.	ECO NUMBER	DATE

TITLE		KL10-R	
PROCESSOR UNIT			

DOCUMENT NUMBER			
REV	CODE	NUMBER	REV
E	UA	KL10-R-0	A
SCALE		SHEET 6 OF 8	

THIS DRAWING AND THE SPECIFICATIONS CONTAINED HEREIN ARE THE PROPERTY OF THE U.S. GOVERNMENT AND ARE TO BE REPRODUCED IN WHOLE OR IN PART AS THE BASIS FOR THE DESIGN, CONSTRUCTION, OR OPERATION OF ANY SYSTEM OR SYSTEMS WITHOUT THE WRITTEN PERMISSION OF THE U.S. GOVERNMENT. THIS DRAWING IS NOT TO BE USED FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN PERMISSION OF THE U.S. GOVERNMENT.



DETAIL J SH4
SHOWN FOR CABLING REF ONLY

REVISION HISTORY		
REV.	ECO NUMBER	DATE

THIS DRAWING AND THE INFORMATION CONTAINED HEREIN IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE. IT IS THE PROPERTY OF THE U.S. GOVERNMENT AND IS TO BE RELEASED TO THE PUBLIC UPON REQUEST. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION IN WRITING FROM THE U.S. GOVERNMENT. THIS DRAWING IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE.

INTER-CABINET CABLE CONNECTIONS

CPU TO I/O CABINETS

H731 POWER CORDS: (7021029-03)

CONNECT PLUG LABELED 24 (CPU) TO JACK LABELED 24 (I/O)
CONNECT PLUG LABELED 26 (CPU) TO JACK LABELED 26 (I/O)

MF20 FAN POWER(AC) HARNESS: (7020712-01, 7020714-01)

CONNECT MATE-N-LOCK LABELED P9 (CPU) TO MATE-N-LOCK LABELED J9 (I/O)

REMOTE TURN ON CABLES: (7008288-8F)

ROUTE CABLE FROM I/O CAB ALONG BOTTOM OF CPU CAB TO H731#1 (BOTTOM) XJ2

H760 POWER CABLES: (7020493-00 THRU 06)

ROUTE 7/2 AWG CABLES FROM I/O CAB THROUGH BRACKET ON CPU EQUIPMENT MOUNTING DOOR TO CAPACITOR BOX STUDS AS FOLLOWS:

WIRE # 5 6 7 8 9 10 11 }
TO STUD # 5 6 7 8 9 10 11 } USE ITEM 35 & 36

MARGIN SENSE CABLES: (7020328-00)

ROUTE MARGIN SENSE CABLES FROM CPU CAB TO MF20#1 AND MF20#2 CLAMPING DOWN IN EXISTING CLAMPS.

CABLE (J11) TO MF20#1 PAOI (FROM BOTTOM H731)
CABLE (J11) TO MF20#2 PAOI (FROM TOP H731)

FAULT HARNESS: (7020320-00, 7020319-00)

CONNECT J17 (CPU) TO P17 (I/O)

MF20 DC POWER HARNESSES: (7020494-00, 7020495-00, 7020378-00, 7020317-00)

CONNECT:

P1 (CPU) TO J1 (I/O)
P2 (CPU) TO J2 (I/O)
P3 (CPU) TO J3 (I/O)
P4 (CPU) TO J4 (I/O)

MASTER OSCILLATOR DC HARNESS: (7020711-01, 7020317-00)

CONNECT P10 (CPU) TO J10 (I/O)

COAX CABLES: (1700100-00)

ROUTE COAX CABLES (2) FROM I/O CAB THROUGH WIRE BASKET (CPU) AND CONNECT TO MASTER OSCILLATOR (KW20)

MF20#1 TO KW20/J1
MF20#2 TO KW20/J3

I/O DC HARNESS: (7020320-00, 7020316-00)

CONNECT J16 (CPU) TO P16 (I/O)

DC VOLTAGE MONITOR HARNESS:

ROUTE RED & BLACK TWP FROM I/O TO CPU LOGIC (LOWER) AND CONNECT TO POWER TABS.

WIRE #46 (RED) TO CPU BACKPLANE +5 LOWER (TERMINAL LABELED ON BACKPLANE)
WIRE #45 (BLK) TO CPU BACKPLANE GND LOWER (TERMINAL LABELED ON BACKPLANE)

BC11A-02 (ITEM 23)

CPU MODULE SLOT A801 TO I/O MODULE SLOT A837 (CABLE MUST BE CLAMPED IN STRAIN RELIEF AS SHOWN IN VIEW A-A)

BC20C-1C (ITEM 24)

CPU MODULE SLOT CD01 TO I/O MODULE SLOT CD37 (CABLE MUST BE CLAMPED IN STRAIN RELIEF AS SHOWN IN VIEW A-A)
CPU MODULE SLOT EF01 TO I/O MODULE SLOT EF37

M8572 (ITEM 25)

CONNECT CLOCK SELECT CABLE (7015524-8F) J1 (COILED IN CPU CAB) TO M8572/J5 AND CLAMP WITH SUPPLIED TIE WRAP
INSERT M8572 INTO SLOT 2 OF CPU BACKPLANE (CLAMP CABLES IN STRAIN RELIEF AS SHOWN IN VIEW A-A)

H761 POWER HARNESS: (7020312-00)

CONNECT P2 TO CPU BLOWER/J2
CONNECT P1 TO H761/J1

CONNECT 1 (BLK) TO H761/J6
2 (GRN) TO H761/J5
3 (ORN) TO H761/J4

I/O CABINET TO F/E CABINET

AC POWER CORDS:

CONNECT:

24(I/O) TO J24(F/E) ON 863 POWER CONTROLLER
26(I/O) TO J26(F/E) ON 863 POWER CONTROLLER
28(I/O) TO J28(F/E) ON 863 POWER CONTROLLER
29(I/O) TO J29(F/E) ON 863 POWER CONTROLLER
30(I/O) TO J30(F/E) ON 863 POWER CONTROLLER

H760 POWER CORD: (7011036-01)

CONNECT POWER CORD (I/O) TO 863/J1 (F/E)

FAULT HARNESS: (7020319-00 & 7020840-01)

CONNECT P2 (I/O) TO J2 (F/E) & P1 (I/O) TO J1 (F/E)

DTE POWER (I/O DC HARNESS: 7020316-00 & 7020839-01)

CONNECT P15 (I/O) TO J15 (F/E)

RTO CABLE (7008288-8F & 7020839-01)

CONNECT RTO FROM I/O CAB TO J2 (F/E)

UNIBUS

CONNECT THE UNIBUS CABLE (BC11A-13) FROM 11/40 DRAWER (F/E) TO SLOT HJ05 OF THE DTE28 BACKPLANE

CONNECT THE UNIBUS CABLE (BC11A-17) FROM THE EXPANSION DRAWER (F/E) TO SLOT HJ06 OF THE DTE20 BACKPLANE

REVISION HISTORY		
REV.	ECO NUMBER	DATE

DOCUMENT NUMBER		
REV.	ECO NUMBER	DATE

AUTOMATED BY PRTLST.5R(52)

P A R T S L I S T

SHEET A1 OF A2

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VARIATION		
						RA	RC	RE
						A1	A1	A1
1	1	E-AD-7020327-0-0	7020327-00		FRONT END CAB ASSY.	1	1	-
2	2	E-AD-7020325-0-0	7020325-00		I/O CAB ASSY (WITH MEM)	1	1	-
3	3	E-AD-7020325-0-0	7020325-01		I/O CAB ASSY (WITHOUT MEM)	-	-	1
4	4	E-AD-7020326-0-0	7020326-00		CPU CAB ASSY (WITH MEM)	1	1	-
5	5	E-AD-7020326-0-0	7020326-01		CPU CAB ASSY (WITHOUT MEM)	-	-	1
6	6	E-IA-7020305-0-DBU	7020305-00		EXPANDER FRAME ASSY.	2	2	2
7	7	E-IA-7019485-0-0	7019485-00		END PANEL ASSY.	2	2	2
8	8	E-IA-7019498-0-DBU	7019498-02		COVER, WELDMENT TOP, DBL TERRA C	3	-	-
9	9	E-IA-7019498-0-DBU	7019498-03		COVER, WELDMENT TOP, DBL BLAISI	-	3	3
10	10	D-IA-7426475-0-0	7426475-01	A	BEZEL, FRONT END CABINET	1	-	-
11	11	D-IA-7426475-0-0	7426475-02		BEZEL, FRONT END CABINET (BLUE)	-	1	1
12	12	D-MD-7426499-0-0	7426499-01	A	BEZEL, FRONT	2	-	-
13	13	D-MD-7426499-0-0	7426499-02	A	BEZEL, FRONT	-	2	2
14	14	E-AD-7020245-0-0	7020245-00		DOOR ASSEMBLY, FRONT R.H.	3	3	3
15	15	E-AD-7020246-0-0	7020246-00		DOOR ASSEMBLY, FRONT L.H.	2	2	2
16	16	D-MD-7020716-0-0	7020716-01		DOOR ASSY F.E. LEFT FRONT	1	1	1
17	17	E-AD-7020248-0-0	7020248-00		DOOR ASSEMBLY, REAR L.H.	2	2	2
18	18	E-AD-7020485-0-0	7020485-00		DOOR ASSEMBLY, REAR LH	1	1	1
19	19	E-AD-7020247-0-0	7020247-00		DOOR ASSEMBLY, REAR R.H.	1	1	1
20	20	E-AD-7020486-0-0	7020486-00		DOOR ASSEMBLY, REAR LH	2	2	2
21	21	D-MD-7426515-0-0	7426515-01	A	I/O BULKHEAD COVER	1	1	1
22	22	D-MD-7429286-0-0	7429286-01	A	F/E BULKHEAD COVER	1	1	1
23	23	D-UA-8C11A-0-0	8C11A-02		CABLE ASSY PDP-11 M919-M929	1	1	1
24	24	D-UA-8C20C-0-0	8C20C-1C		CABLE CONN ASSY 15 INCH	2	2	2
25	25	D-UA-M8572-0-0	M8572-00		MULTIPLE S-BUS TRANSLATOR, 4 LAY	1	1	-
26	26	E-AD-7020327-0-0	7020327-01		FRONT END CAB ASSY.	-	-	1
27	27		9008203-00	A	NUT, HEX EXT TOOTH LCKWSHR 1/4-20	48	48	48
28	28		9006243-09	A	SCREW, MACH HEX PLN 1/4-	24	24	24

REVISION HISTORY			BASIC PART NO: OKL10			DRN: VICKY GUTBIER			DATE: 11-JUL-83			D I G I T A L		
ENG	ECO NUMBER	REV	SECTION A OF A			CHK'D: ROGER SCOTT			DATE: 11-JUL-83			TITLE PARTS LIST		
	INITIAL	A	SECTION VARIATION INDEX									KL10-R PROCESSOR UNIT		
			[B]			DES.ENG: ROGER SCOTT			DATE: 11-JUL-83			DOCUMENT NUMBER		
			[C]									SIZE CODE NUMBER REV		
			[D]			RESP.ENG.: ROGER SCOTT			DATE: 11-JUL-83			K PL KL10-R-DBP A		
			[E]			MFG.ENG.: SUE ALMEIDA			DATE: 11-JUL-83			RELEASE DATE:		
			[F]			ASSEMBLY NUMBER:			TOP DOCUMENT NUMBER:			FILE NAME: EDIT #		
						E-UA-KL10-R-0			B-DD-KL10-R-0			27427A.PLS 18		
"THIS DRAWING AND THE SPECIFICATIONS CONTAINED HEREIN ARE CONFIDENTIAL AND PROPRIETARY. THEY 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. THIS IS AN UNPUBLISHED WORK PROTECTED UNDER THE FEDERAL COPYRIGHT LAWS."														

NRD

AUTOMATED BY PRTLST.5R(52)

P A R T S L I S T

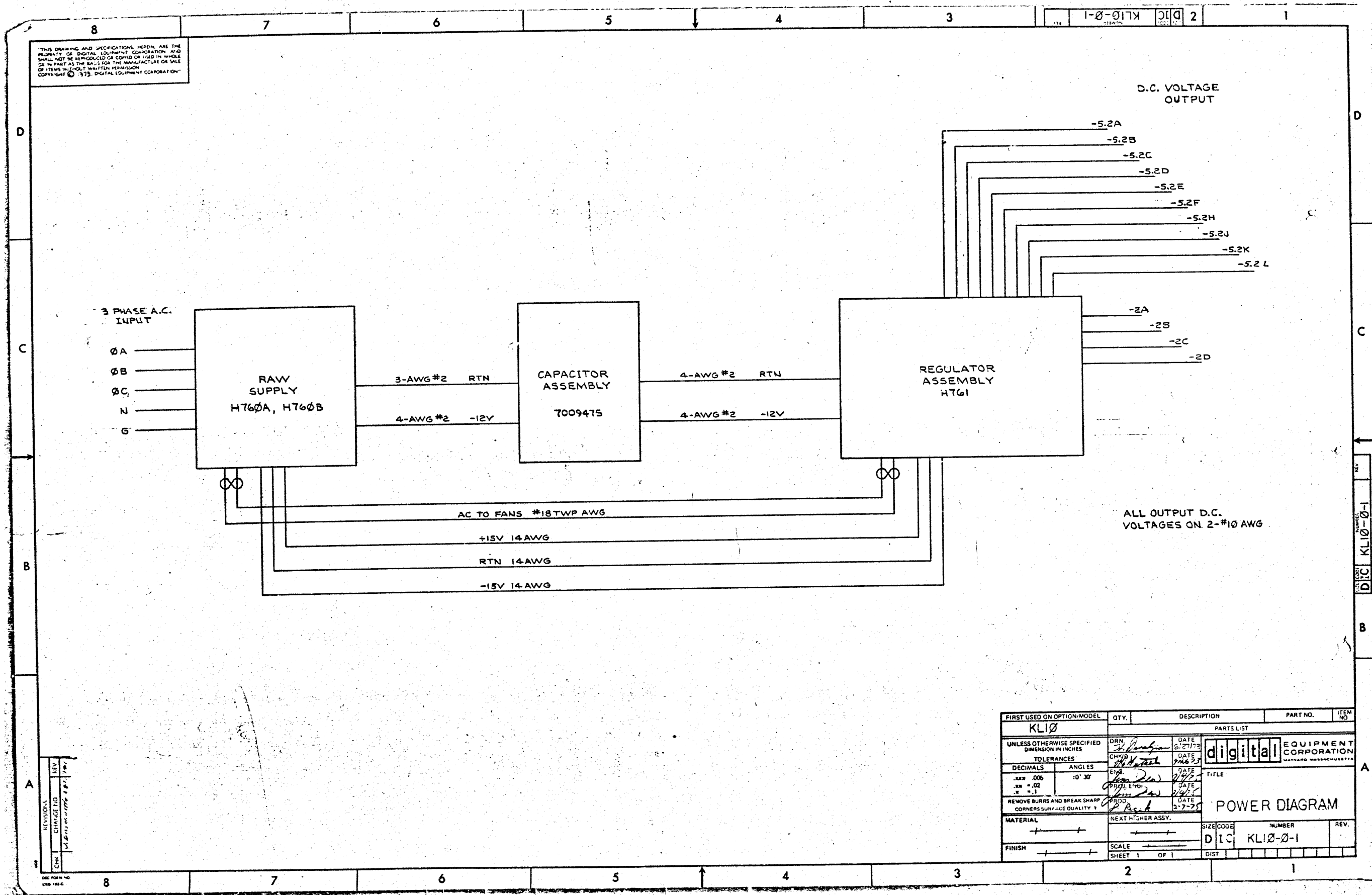
SHEET A2 OF A2

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VARIATION		
						RA A1	RC A1	RE A1
29	29		9006724-00	A	WASHER, LOCK EXTERNAL STEEL	25	25	25
30	30		9009700-00	A	SCREW, SEMS TRUSS PHIL 10-	26	26	26
31	31		9006073-01	A	SCREW, MACH PAN PHIL 10-	6	6	6
32	32		9006071-02	A	SCREW, MACH FLAT PHIL 10-	6	6	6
33	33		9007651-00	B	WASHER, LOCK EXTERNAL STEEL	12	12	12
34	34		9006565-00	C	NUT, HEX EXT TOOTH LCKWSHR 10-32	17	17	17
35	35		9006568-00	A	NUT, HEX EXT TOOTH LCKWSH 5/16-18	7	7	7
36	36		9006638-00	A	WASHER, LOCK INTERNAL STEEL	7	7	7
37	37		9006635-00	A	WASHER, LOCK INTERNAL STEEL	6	6	6
38	38	D-UA-DTB20-0-0	DIB20-00		I/O BUS ADAPTER	-	-	1
39	39		3617674-01	E	LABEL, SERIAL/POWER W UL & CSA	2	2	2
40	40		3612449-00		LABEL, UL. FOIL VINYL, ADH BACK,	1	1	1
41	41		3613211-01	A	DECAL, CLEAR PREPRINTED CSA 1-1/4	2	2	2
42	42	D-UA-M8580-0-0	M8580-00		TRANSLATOR DUAL MF20	2	2	-
43	43	B-DD-RH20-0-0	ORH20-00		MASS BUS CONTROLLER	2	2	1
44	44	A-PL-DTE20-0-0	DTE20-00		PDP11 TO KL10 INTERFACE	1	1	1
45	45	A-PL-DMA20-0-0	DMA20-00		KI10 MEM ADAPTOR	-	-	1
46	46	D-IA-BC20C-0-0	BC20C-6C		CABLE CONN ASSY 6FT-3INCH	-	-	2
47	47	D-MD-7426513-0-0	7426513-01	A	GUARD, FINGER, R.H., FE	1	1	1
48	48		3617380-02	E	LABEL, FCC, CLASS A, PROCESSOR	1	1	1
49	49		9007786-00		RETAINER, U-NUT 10-32X	8	8	8
50	50	B-MD-7413486-0-0	7413486-00	A	BRKT SHIPPING 11/70	2	2	2
51	51		9009350-01		TIE, CABLE BUNDL. DIA 0-4" NONRELEA	1	1	-
52	52		9006249-09	A	SCREW, MACH HEX PLN 1/4-	1	1	1
53	53		9006075-03	A	SCREW, MACH TRUSS PHIL 10-	1	1	1
54	54	D-MD-7426514-0-0	7426514-01	A	GUARD, FINGER, L.H., F.E.	1	1	1
55	55		9009537-00	A	FASTENER, SQUEEZE RELEASE, BLACK	4	4	4
56	56		3618307-05		ASSY, 04, 01	1	1	1
57	57		3613272-00	B	LABEL, ADH BACK, MYLAR CAP	12	12	12
58	58		7009938-00		TERMINATOR ASSEMBLY (80-RJP04)	1	1	1

D	I	G	I	T	A	L	TITLE	KL10-R PROCESSOR UNIT	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	KL10-R-DBP	A

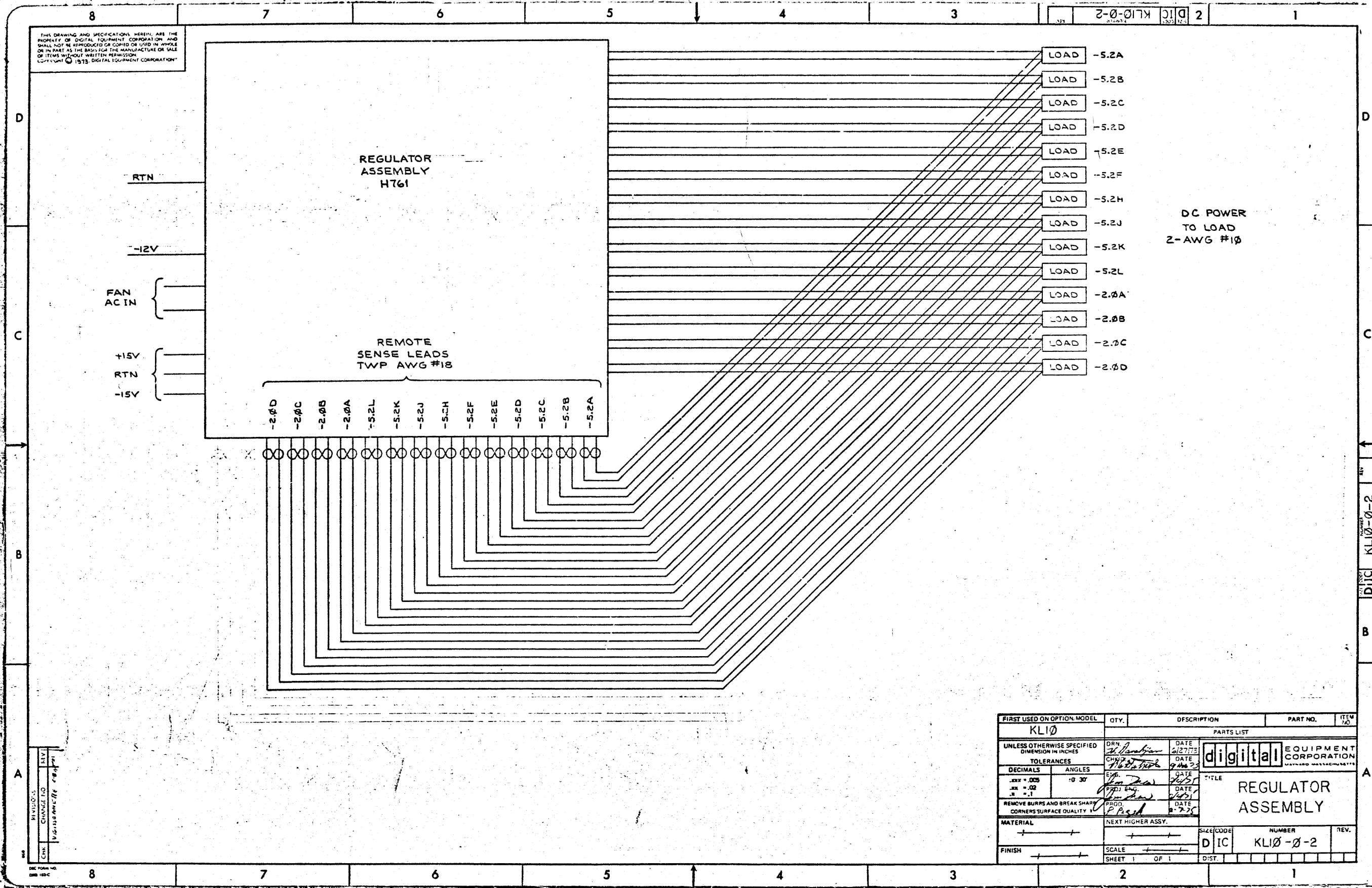
MR O

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



FIRST USED ON OPTION/MODEL KLIØ		QTY.	DESCRIPTION	PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES		DRN <i>[Signature]</i>	DATE 6/27/75	PARTS LIST	
TOLERANCES		CHKD <i>[Signature]</i>	DATE 7/16/75	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
DECIMALS	ANGLES	ENG <i>[Signature]</i>	DATE 7/16/75	TITLE	
FRACTIONS		PROD. ENG. <i>[Signature]</i>	DATE 7/16/75	POWER DIAGRAM	
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY 1		PROD. <i>[Signature]</i>	DATE 2-7-75		
MATERIAL	NEXT HIGHER ASSY.	SIZE CODE			
FINISH	SCALE	NUMBER			
	SHEET 1 OF 1	D I C KLIØ-Ø-1			

THIS DRAWING AND SPECIFICATIONS HEREBY 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



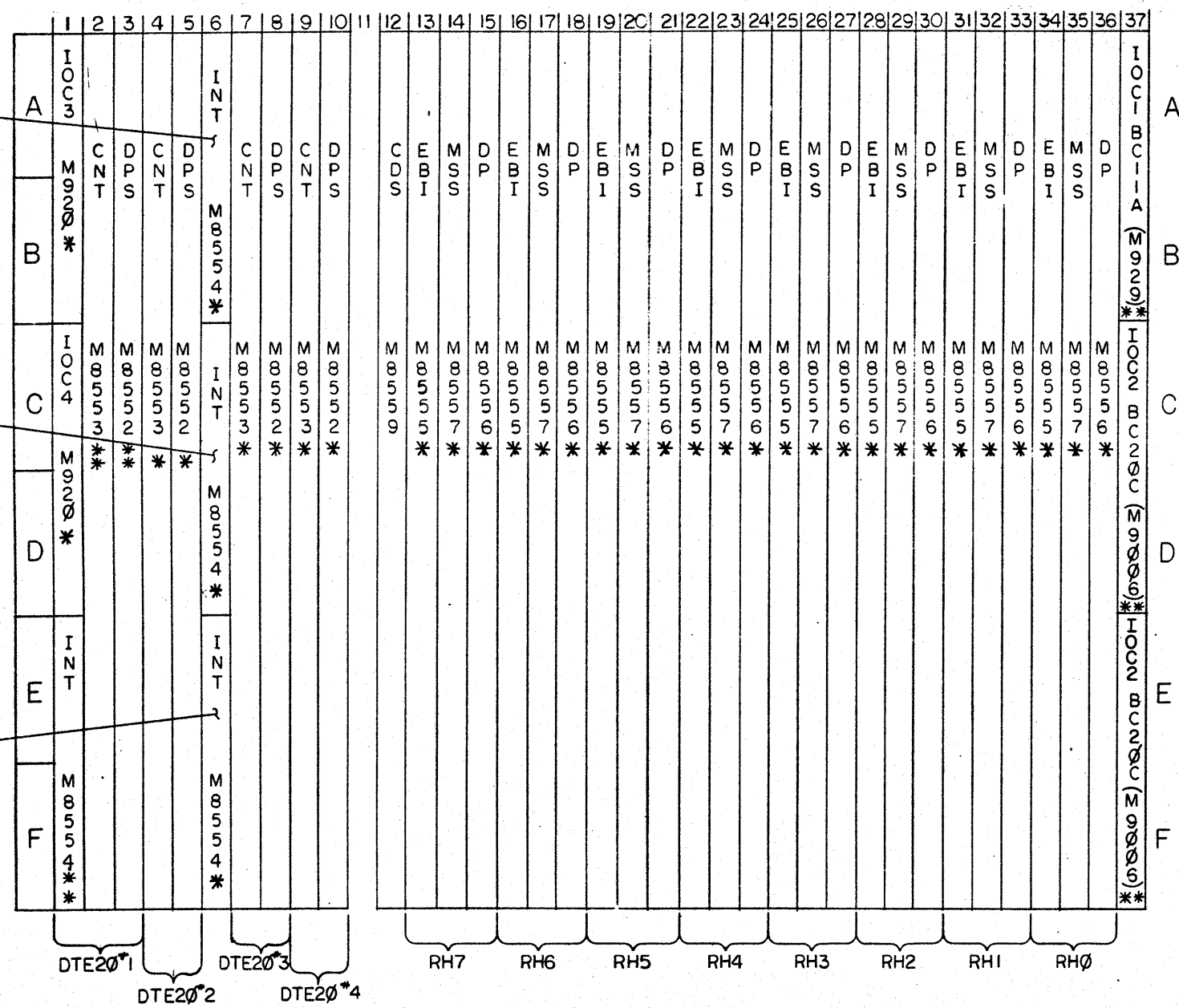
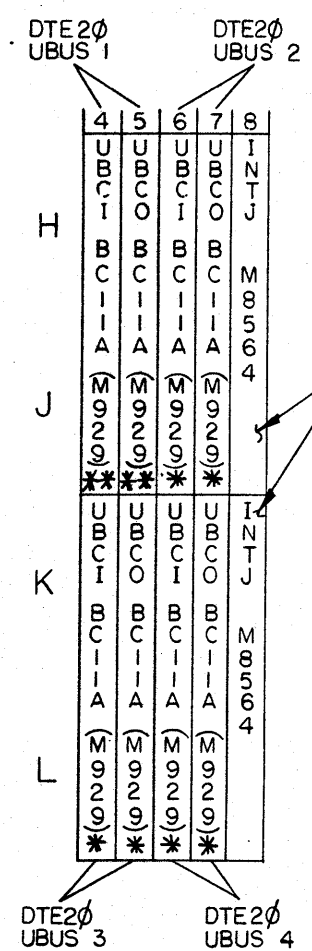
REV	1	1
CHANGE NO	1	1
DATE	11/15/73	1

FIRST USED ON OPTION MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
KL10				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES	DRN. <i>H. Dambian</i>	DATE 6/27/73	digital EQUIPMENT CORPORATION	
TOLERANCES	CHKD. <i>H. Dambian</i>	DATE 9/16/73	UNLESS OTHERWISE SPECIFIED	
DECIMALS	ANGLES	DATE	TITLE	
.XXX = .005	+0 30'	DATE	REGULATOR ASSEMBLY	
.XX = .02		DATE		
.X = .1		DATE		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY	PROD. <i>H. Dambian</i>	DATE 9-7-73		
MATERIAL	NEXT HIGHER ASSY.	DATE		
FINISH	SCALE	DATE		
SHEET 1 OF 1		D I C KL10-0-2		

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 © 1975, DIGITAL EQUIPMENT CORPORATION

NOTES:
1. ITEM NOT SHOWN WITH AN ASTERISK ARE PART OF RH20/DTE20 LOGIC ASSY
E-AD-7010102-0-0

PART OF SWITCH ASSY
D-IA-7010103-2-0



REF: PIN SIDE
* INSTALLED AT SYSTEMS LEVEL
** INSTALLED AT KLI0 UNIT ASSY LEVEL D-UA-KLI0-0-0

DESCRIPTION		DWG./PART NO.		ITEM NO.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES					
ANGLES ±0° 30'	CLASS OF ACCURACY (CHECK ONE)	NOMINAL DIMENSION RANGE INCHES			
		OVER 0 TO 0.2	OVER 0.2 TO 1.2	OVER 1.2 TO 4.0	OVER 4.0 TO 12.0
SURFACE QUALITY IN	MEDIUM	±.004	±.008	±.012	±.016
		±.004	±.008	±.012	±.016
QUANTITY & VARIATION	PREFERRED	±.012	±.016	±.025	±.04
		±.012	±.016	±.025	±.04
THIRD ANGLE PROJECTION		DRN. M. J. 3-11-75		FIRST USED ON KLI0 digital	
REMOVE BURRS AND BREAK SHARP CORNERS		CHK'D. 3-25-75		TITLE MODULE UTILIZATION RH20-DTE20	
DO NOT SCALE DWG.		ENG. 3-25-75		REV.	
MATERIAL		E-UA-KLI0-0-0		SIZE CODE NUMBER	
FINISH		SCALE		D MU KLI0-0-RHDT	
SHEET 1 OF 1		DIST.		REV.	

-SEE NOTES 1 & 2

[illegible]

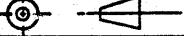
REF. PIN SIDE
* SEE MODULE VARIATION TABLE

VARIATION MODULE LOCATION CHART			
SLOT	MODULE / VARIATION		
	CACHE NO CHANNEL	CHANNEL NO CACHE	CACHE & CHANNEL
9	M8549-YA	M8533	M8533
10	NONE	M8535	M8535
11	M8549 YD	M8538	M8538
12	M8549 YB	M8534	M8534
17	M8521	M8549-YH	M8521
18	NONE	NONE	NONE
19	M8521	M8549-YH	M8521
24	M8521	M8549-YH	M8521
25	M8521	M8549-YH	M8521
27	M8514	M8549-YE	M8514
28	M8515	M8549-YF	M8515
	KL10 AA, AB RFF	KL10 CA, CB RFF	KL10 BA, BB, BC, BD RFF

NOTES:

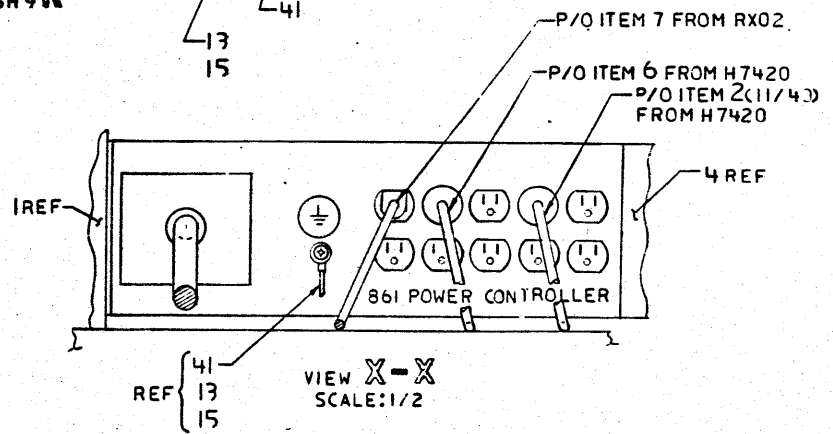
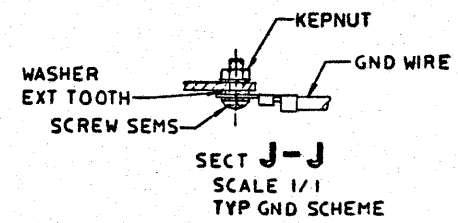
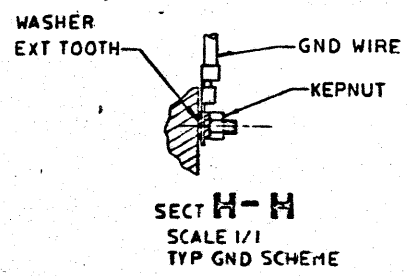
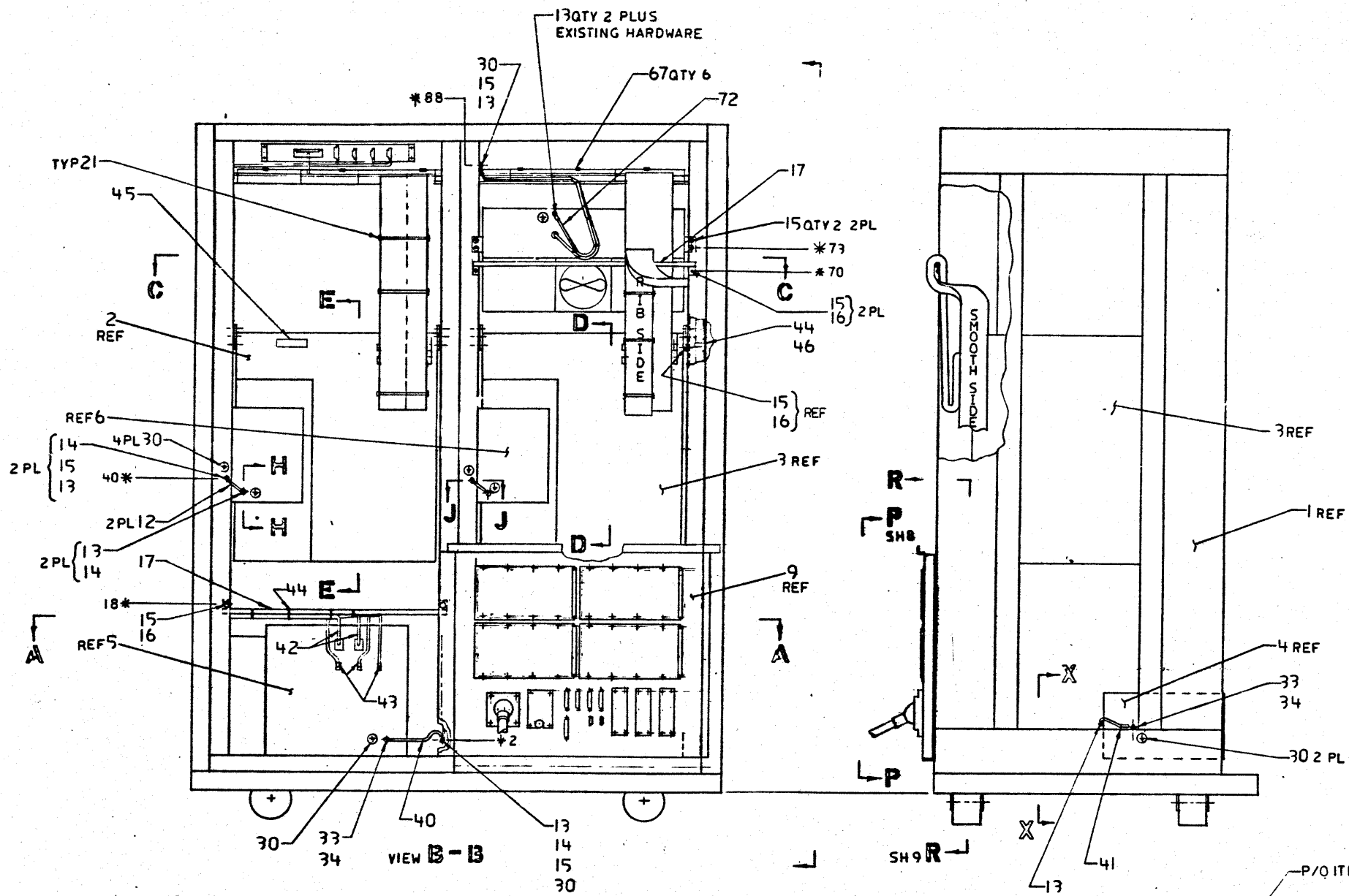
1. SLOT 2 & 3 (SBUS) BC20C CABLES FROM INTERNAL MEMORY, OR DMA20 OR EMPTY
2. SLOT 1 (E AND C BUS) BC11A & BC29C CABLES FROM DTE

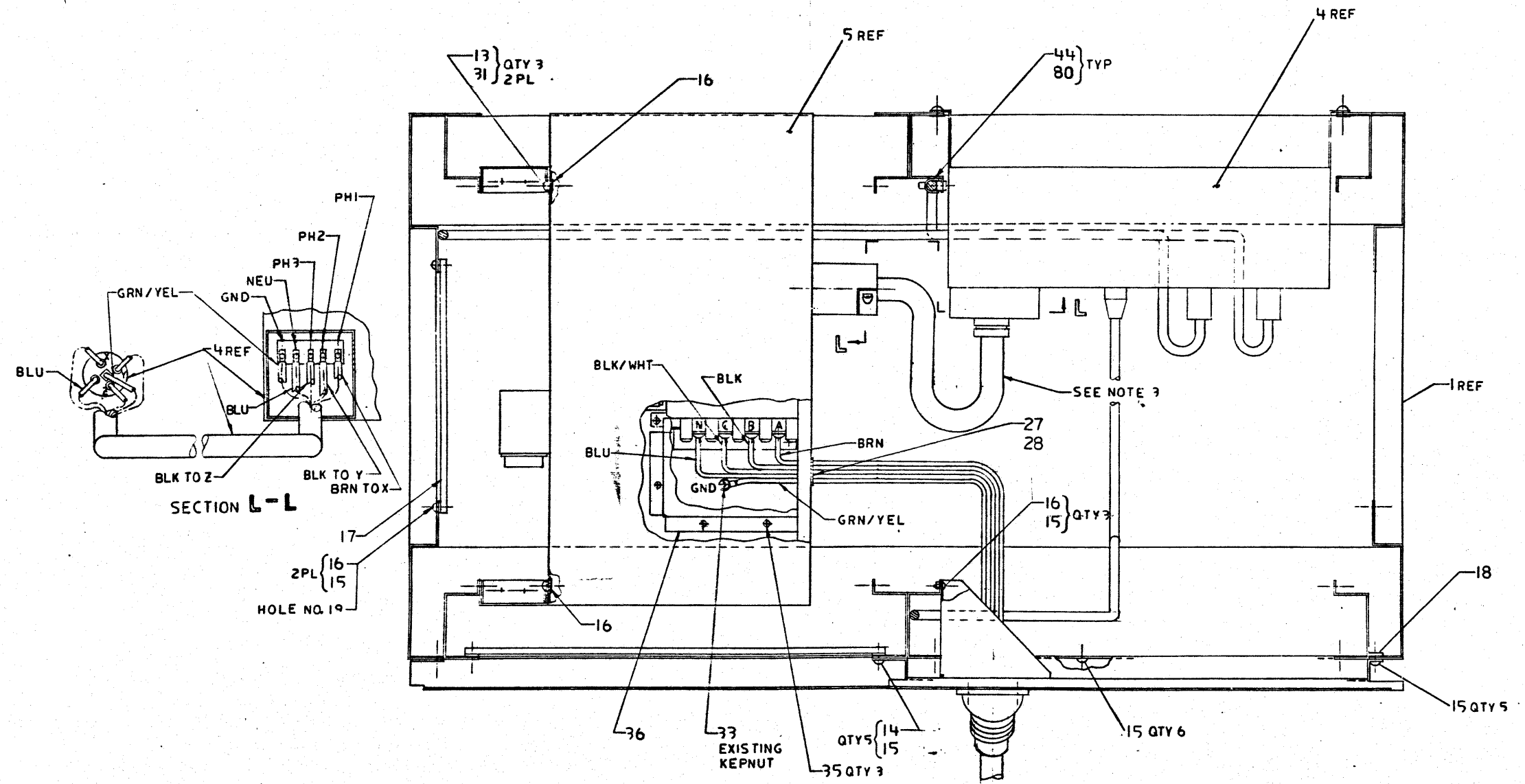
A	REV.	CHANGE NO.	CHG	REVISIONS
	A	KL10-00008		
				J. PROVIDENT
				J. Provident 10 AUG 76

		DESCRIPTION		DWG. PART NO.		ITEM NO.	
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES					
ANGLES 10° 30'		CLASS OF ACCURACY		NOMINAL DIMENSION RANGE INCHES			
SURFACE QUALITY		(CHECK ONE)		OVER TO	OVER TO	OVER TO	OVER TO
QUANTITY & VARIATION		MEDIUM ☐		0.004	0.008	0.012	0.016
		MICROINCHES		PREFERRED ☒	0.012	0.016	0.025
					0.036	0.048	0.060
THIRD ANGLE PROJECTION		DRL. M. C. LEE		2-19-75		FIRST USED ON	
		CHK'D. <i>[Signature]</i>		3-26-75		KL10 digital	
		ENG. H. P. <i>[Signature]</i>		3-26-75			
		PROV. ENG. H. P. <i>[Signature]</i>		3-26-75			
		PROD. <i>[Signature]</i>		3-26-75			
REMOVE BURRS AND BREAK SHARP CORNERS						MODULE UTILIZATION (CPU)	
DO NOT SCALE DWG		NEXT HIGHER ASSY.					
MATERIAL		Q-1A-KL10-0-0		SIZE D		CODE MU	
FINISH		SCALE 1/4"				NUMBER KL10-0-CPU	
		SHEET 1 OF 1		DIST.		REV A	

7020327-0-0

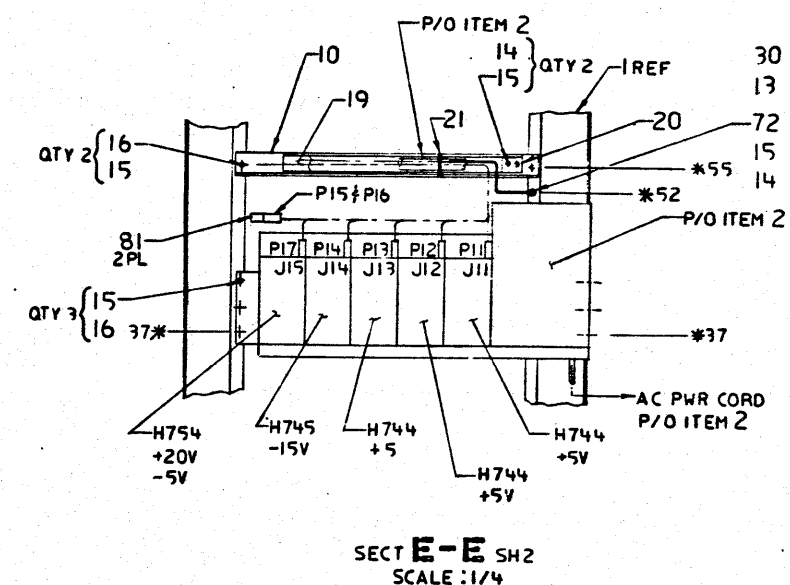
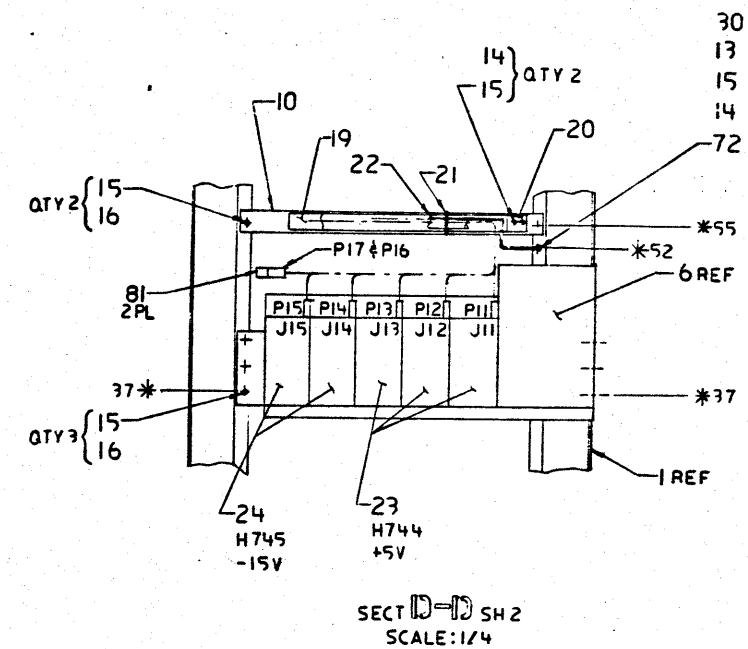
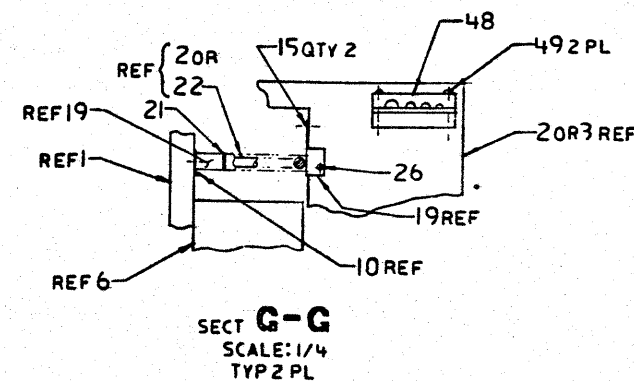
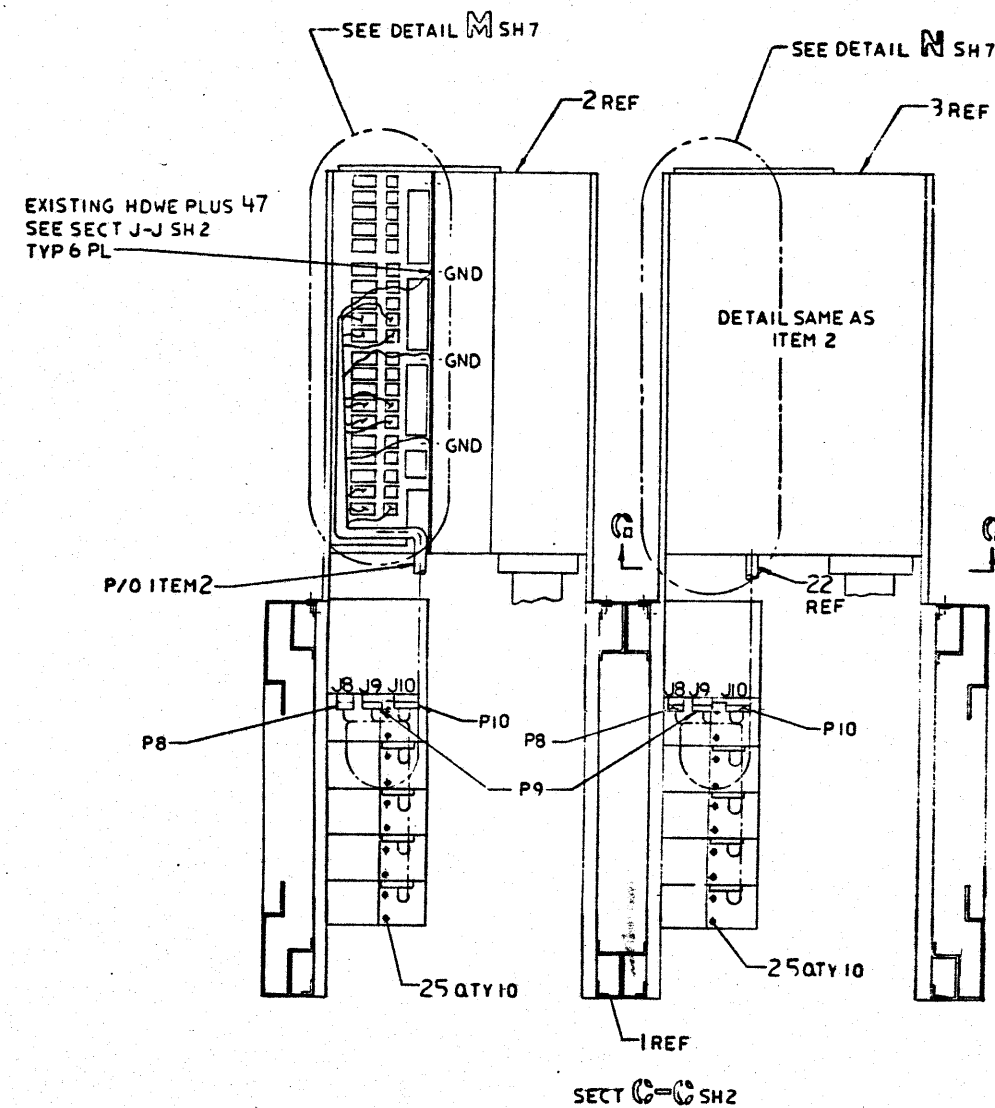




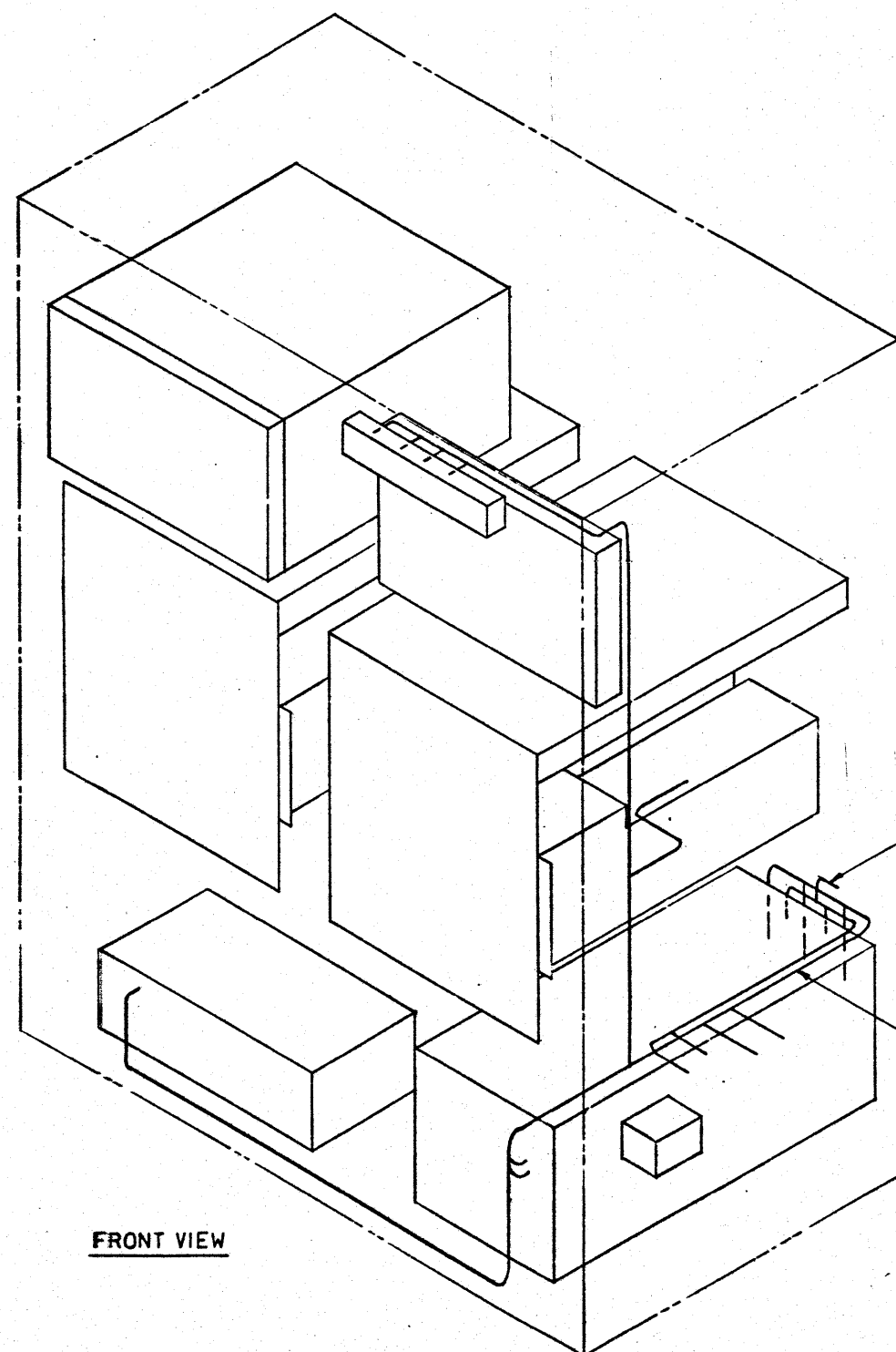


SECTION A-A
 SCALE: 1/2

DATE	REV	ECO NUMBER



REVISION HISTORY		
DATE	ECO NUMBER	REV



FRONT VIEW

— SEE HARNESS CONNECTION CHART NO. 2 (ITEM 42 REF)

—SEE HARNESS CONNECTION CHART NO. 1 (ITEM 43 REF)

PROPERTY OF DIGITAL EQUIPMENT CORPORATION
REPRODUCTION OR DISSEMINATION OF THIS DOCUMENT IS PROHIBITED
EXCEPT AS MAY BE AUTHORIZED BY THE MANUFACTURER
OF THIS DOCUMENT. THIS DOCUMENT IS UNCLASSIFIED
DATE 10/1/00 BY 60322 UCBAW

HARNESS CONNECTION CHART NO.1				
ITEM NO.	HARNESS TERM	CONNECTION	WITH	
43	J1	NEXT HIGHER ASSY(KLI0-R)	—	
	J2	NEXT HIGHER ASSY(KLI0-R)	—	
	P1	8610 REMOTE TURN ON	—	
	P2	SWITCH PANEL J2	—	
	P3	J3	—	
	P4	J4	—	
	P5	SWITCH PANEL J5	—	
	P6	11/40 PROCESSOR SU-3	—	
	P7	863-D - J7	—	
	P8	J8	—	
	P9	J3	—	
	P10	J2	—	
43	P13	863-D - J13	—	

HARNESS CONNECTION CHART NO.2				
ITEM NO.	HARNESS TERM	CONNECTION	WITH	
42	J1	NEXT HIGHER ASSY(KLI0-R)	—	
	J2	NEXT HIGHER ASSY(KLI0-R)	—	
	P5	863-D/J5	—	
42	P6	863-D/J6	—	

CABLE CONNECTIONS

BACKPLANE	CABLE	FROM	TO
DD11-B#2 (ITEM 64)	BC11A-13 (ITEM 69)	SLOT AB04	NEXT HIGHER ASSY (KLI0-R)
DD11-B #1 (ITEM 64)	7011025 (ITEM 71)	P1 TO BM873-YJ/J1	R2 TO SWITCH PANEL J1
	BC05L-15 (P/O ITEM 7)	RX02-BA (ITEM 7)	M7846 SLOT CDEF03 (DD11 NO. 1)
	BC27C-09 (SEE NOTE 6) (ITEM 76)	M7800 SLOT CDEF02 (P/O ITEM 6)	BULKHEAD (ITEM 9) SEE SH 8
	BC06R-12 (ITEM 68)	M5904 SLOT CD04	BULKHEAD RH11 CONNECTOR SLOT A
RH11-AB (ITEM 63)	BC06R-12 (ITEM 68)	M5904 SLOT CD05	BULKHEAD RH11 CONNECTOR SLOT B
	BC06R-12 (ITEM 68)	M5904 SLOT CD06	BULKHEAD RH11 CONNECTOR SLOT C
MF11-UP (P/O ITEM 2)	BC27C-09 (SEE NOTE 6) (ITEM 76)	M7800 SLOT CDEF09 (P/O ITEM 6)	BULKHEAD (ITEM 9) SEE SH 8
KD11-A (P/O ITEM 2)	BC08R-05 (ITEM 8)	INDICATOR PANEL J2 (P/O ITEM 2)	M7235 SLOT 6 J1
	BC08R-05 (ITEM 8)	INDICATOR PANEL J1 (P/O ITEM 2)	M7231 SLOT 4 J1

11/40 DRAWER

OPTIONAL CABLE CONNECTIONS

BACKPLANE	CABLE	FROM	TO
DC20F-AD#2	BC08R-10	M7807 SLOT J1	H3007 #4/J10
	BC08R-10	CDEF01 J2	#4/J11
	BC08R-10	M7147 SLOT J1	#3/J10
	BC08R-10	CDEF02 J2	#3/J11
	BC08S-10	M5906 SLOT AB07/J1	#4/J9
LP20#0	BC06R-10	M8571 SLOT 3/J1	LP 20#0 CONNECTOR SLOT B
LP20#1	BC06R-10	M8571 SLOT 3/J1	LP 20#1 CONNECTOR SLOT B
CD11 (CD20)	7008764-00	SLOT B02 (M957)	CARD READER (VIA BULKHEAD)

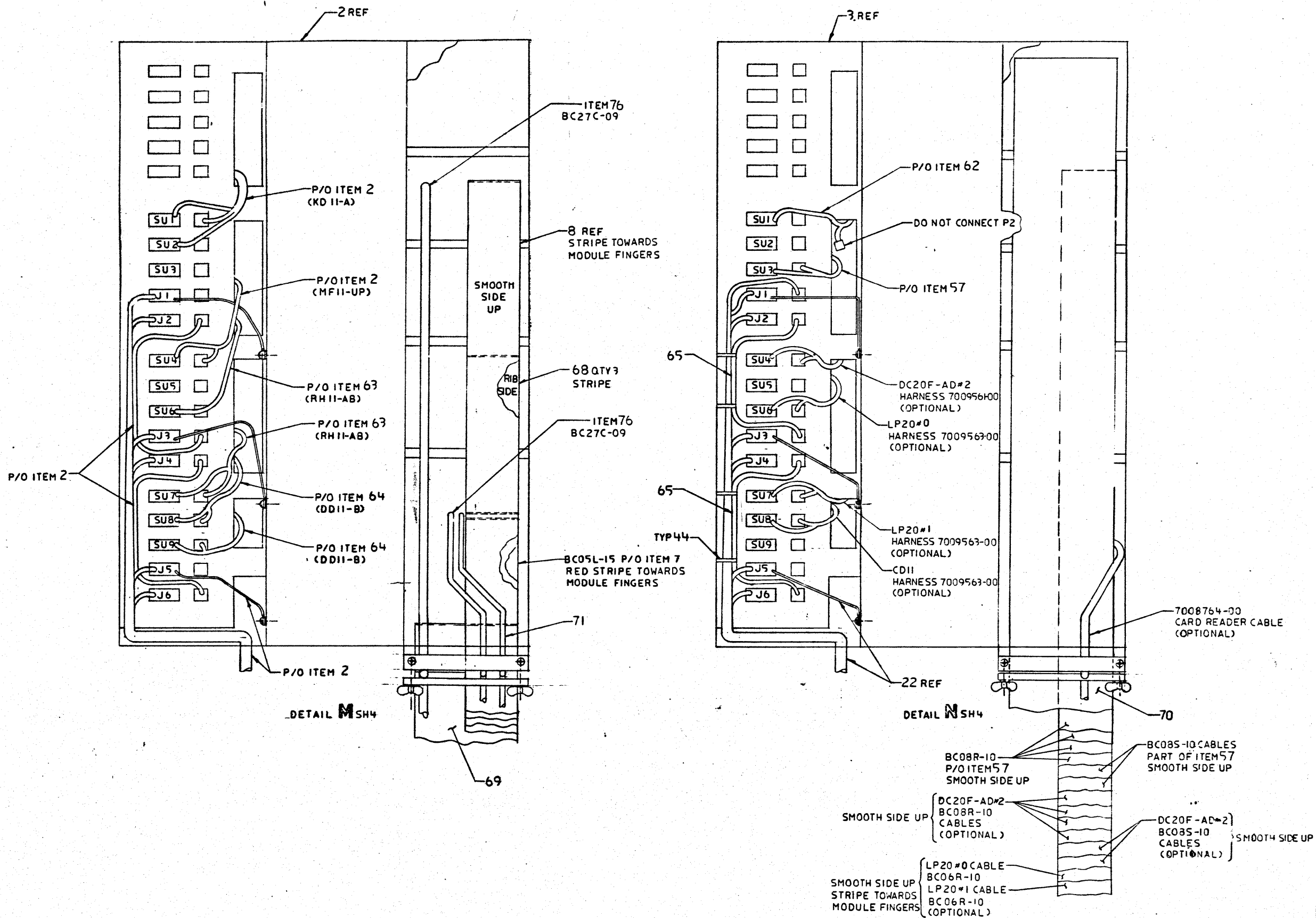
BACKPLANE	CABLE	FROM	TO
DB11-M (ITEM 62)	BC11A-17 (ITEM 70)	SLOT AB01	NEXT HIGHER ASSY (KLI0-R)
DC20F-AD#1 (ITEM 57)	BC08R-10 (P/O ITEM 57)	M7807 SLOT J1	H3007 #2/J10
	BC08R-10 (P/O ITEM 57)	CDEF01 J2	H3007 #2/J11
	BC08R-10 (P/O ITEM 57)	M7147 SLOT J1	H3007 #1/J10
	BC08R-10 (P/O ITEM 57)	CDEF02 J2	H3007 #1/J11
	BC08S-10 (P/O ITEM 57)	M5906 SLOT AB07/J1	H3007 #2/J9
	BC08S-10 (P/O ITEM 57)	M5906 SLOT AB07/J2	H3007 #1/J9

EXPANSION DRAWER

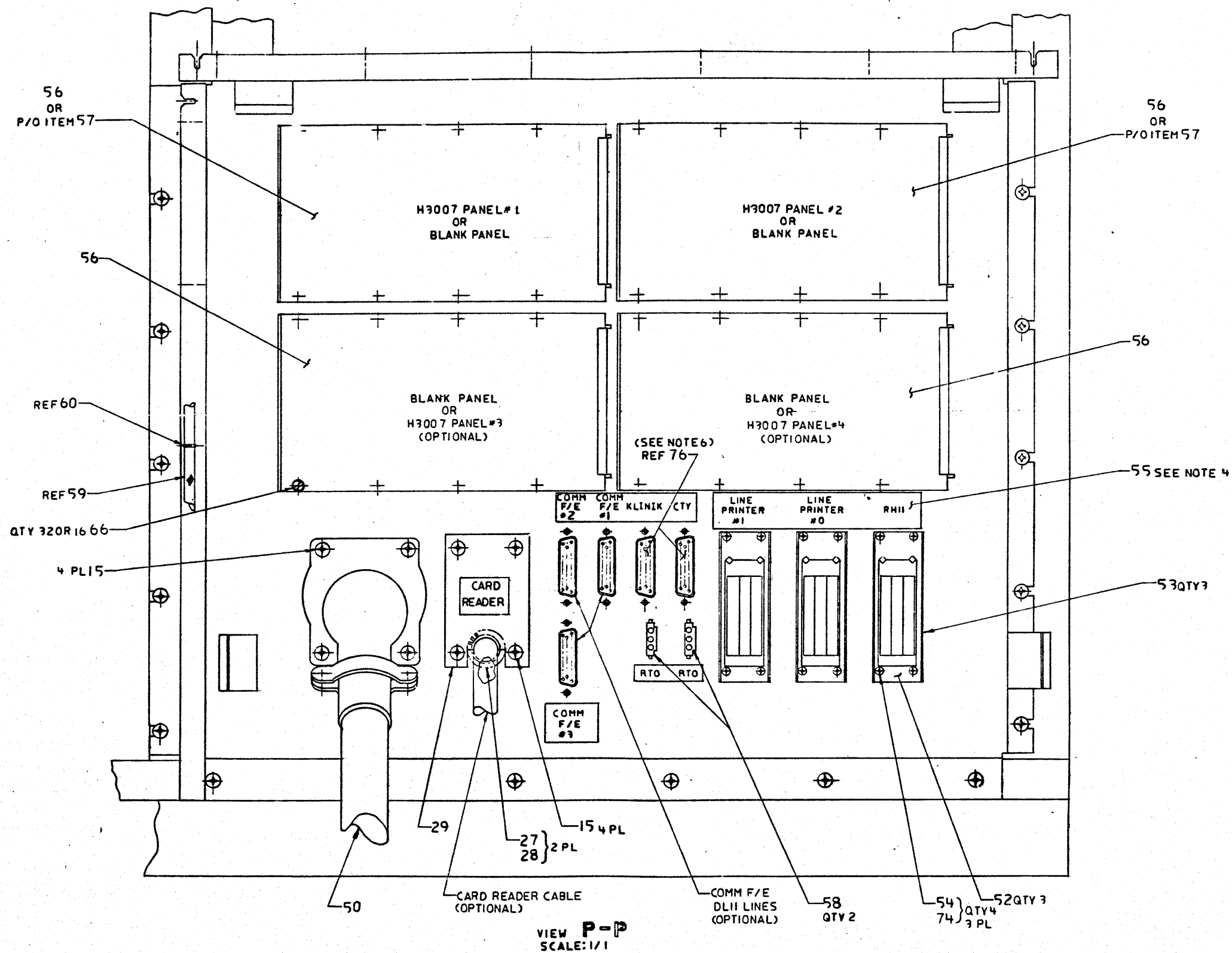
REVISION HISTORY		
REV.	ECO NUMBER	DATE

TITLE FRONT END CABINET ASSY

DOCUMENT NUMBER	
AD	7020327-0-0
SCALE	1/4 SHEET 6 OF 11



REV	ECO NUMBER	DATE

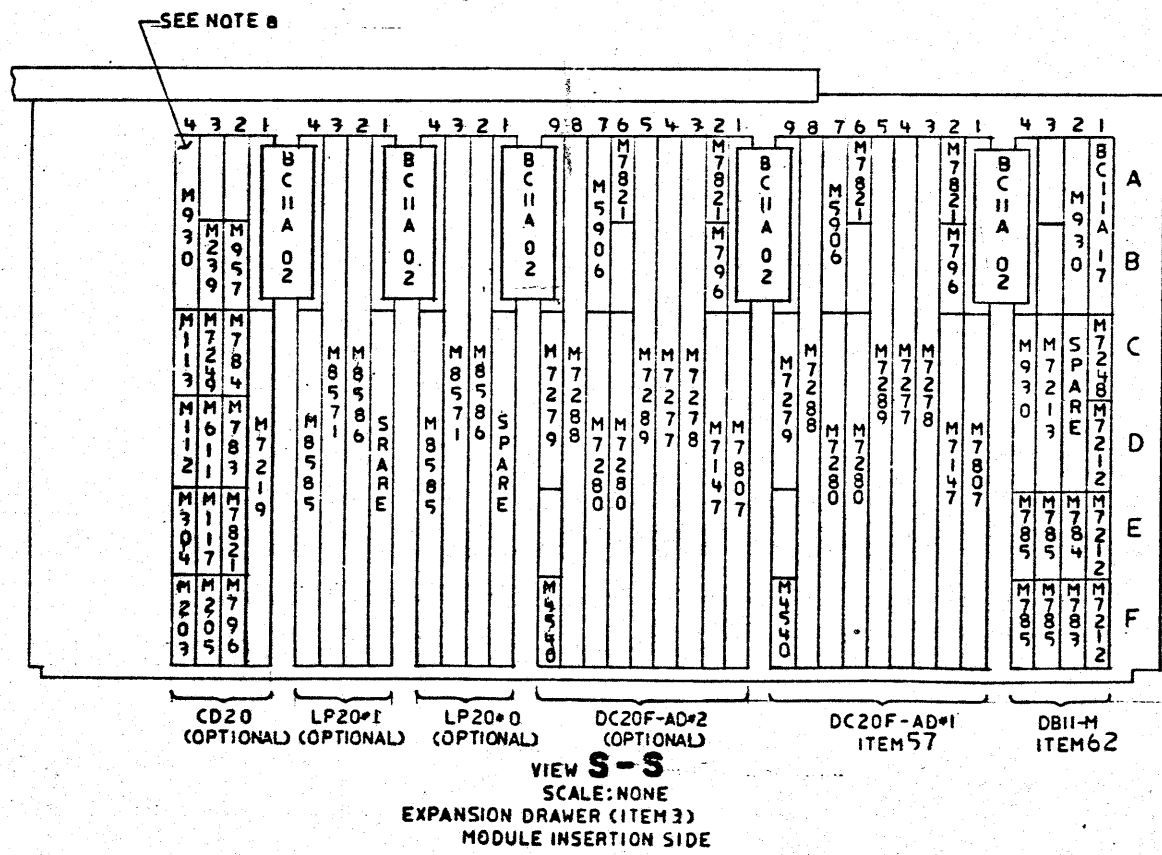
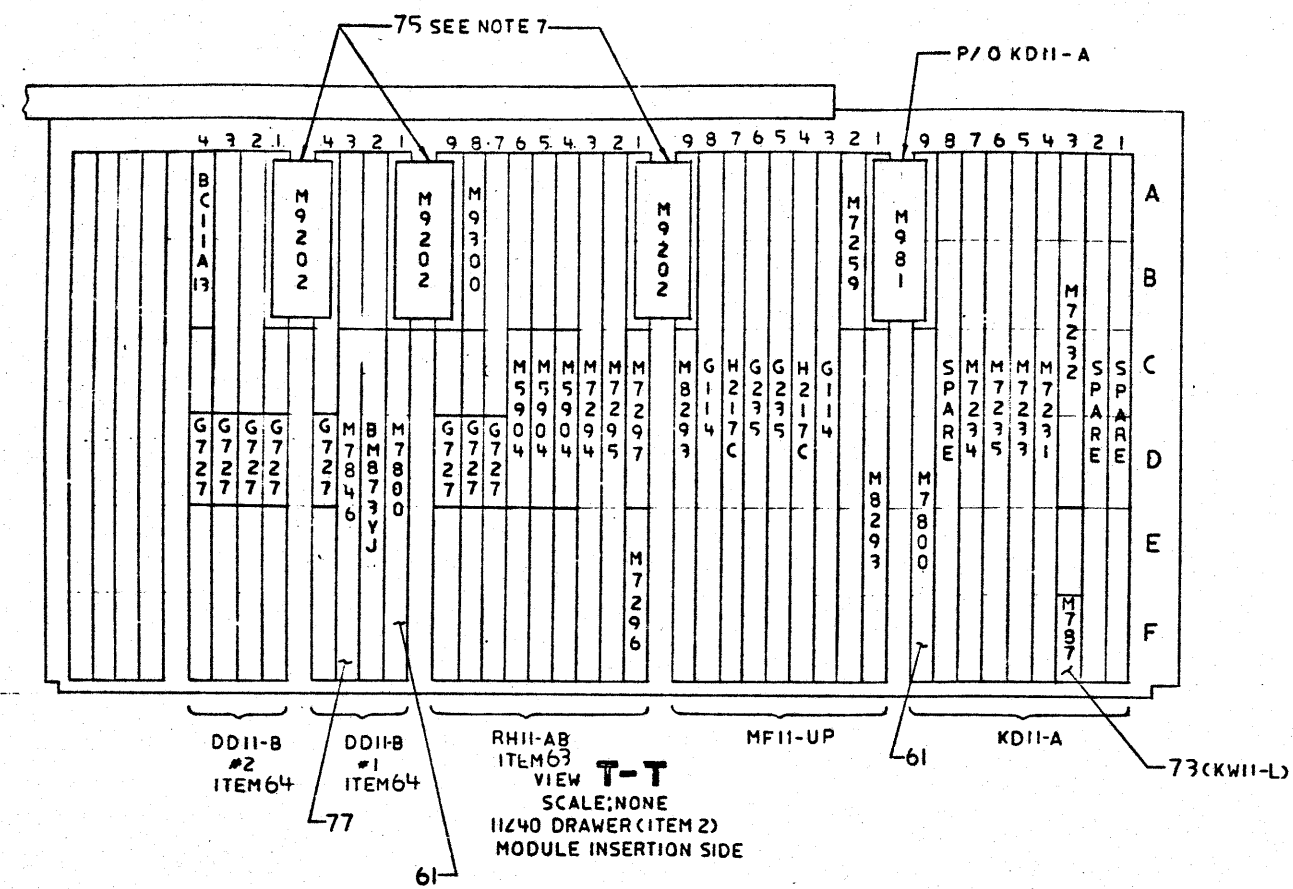


REVISION HISTORY		
DATE	ECO NUMBER	REV

TITLE FRONT END CABINET ASSY

DOCUMENT NUMBER	
AD	7020327-0-0
SCALE	SHEET 2 OF 1

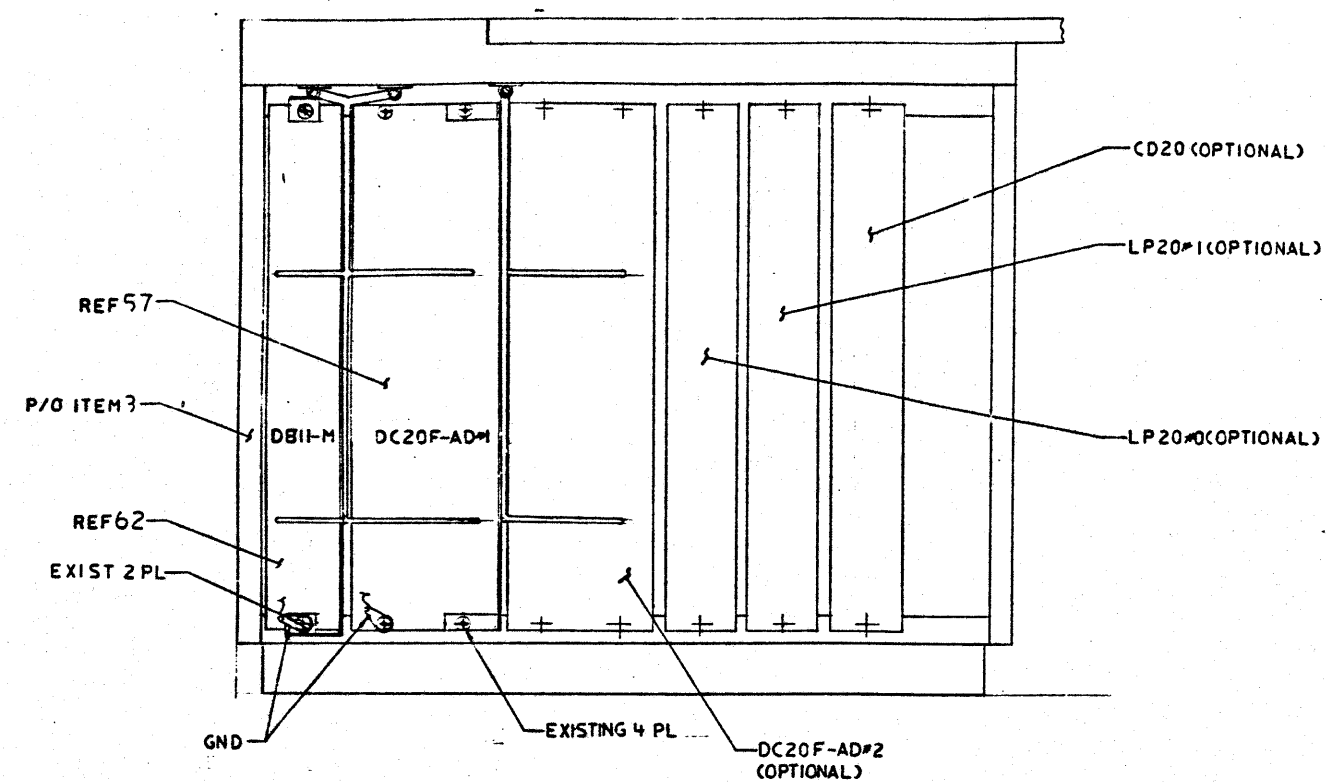
THIS DRAWING AND THE SPECIFICATIONS CONTAINED HEREIN ARE THE PROPERTY OF THE UNITED STATES GOVERNMENT AND SHALL NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION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



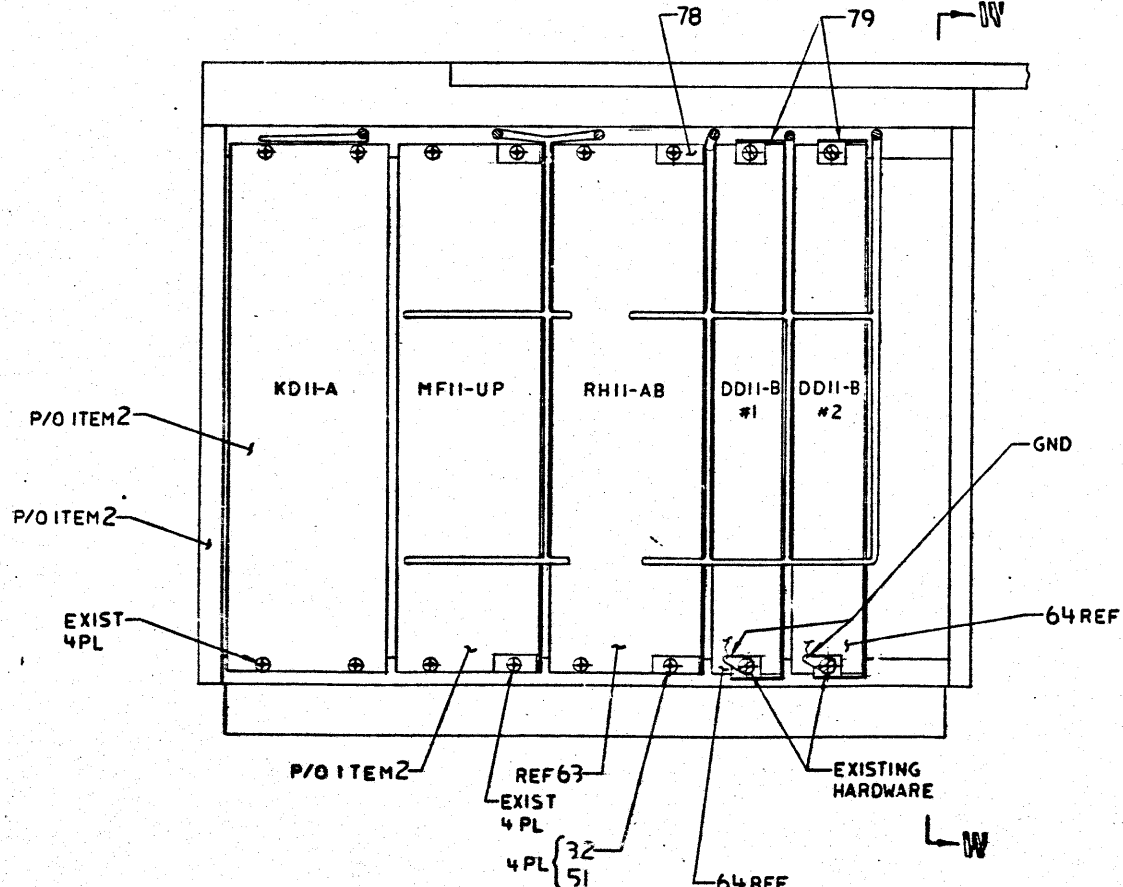
REVISION HISTORY		
REV.	ECO NUMBER	DATE

TITLE		DOCUMENT NUMBER	
FRONT END CABINET ASSY		EAD 7020327-0-0	A

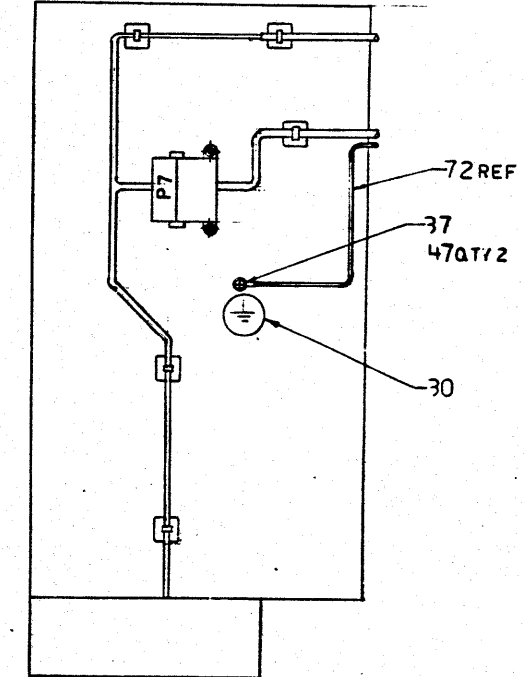
THIS DRAWING AND THE SPECIFICATIONS CONTAINED HEREIN ARE THE PROPERTY OF THE UNITED STATES GOVERNMENT AND ARE NOT TO BE REPRODUCED OR COPIED IN ANY MANNER OR IN ANY MANNER FOR THE SALE OF THIS DRAWING WITHOUT WRITTEN PERMISSION. THIS DRAWING IS UNCLASSIFIED AND NOT PROTECTED UNDER THE FEDERAL COPYRIGHT LAW.



VIEW V-V
SCALE: NONE



VIEW U-U
SCALE: NONE



SECT W-W
TYP 2 PL

REVISION HISTORY		
REV	ECO NUMBER	DATE

AUTOMATED BY PRTLST.5R(52)

PARTS LIST

SHEET A1 OF A3

LINE	ITEM	TOP DOCUMENT	PART NUMBER	REV	DESCRIPTION	QTY PER VARIATION	
						00	01
						A1	A1
1	1	E-AD-7020324-0-DRU	7020324-02		CABINET ASSY, P.E	1	1
2	2	D-UA-11/40-AP-0	11/40-AP		11/40-AK,MM11-UP,120V	1	1
3	3	E-UA-BA11-FB-0	0BA11-FB		MOUNT BOX EXPANSION 11/40	1	1
4	4	E-UA-861-D-0	00861-D		120VAC 24A 3 PHASE POWER CONTROL	1	1
5	5	E-UA-863-D-0	00863-D		863-A W 3 PHASE UNSWITCHED OUTLE	1	1
6	6	E-UA-H7420-A-0	H7420-A		POW SUPPLY HI POW H742-A 115V	1	1
7	7	E-UA-RX02-0-0	ORX02-BA	A	DUAL FLOPPY DISK SYSTEM,1024KB,1	1	1
8	8	C-UA-BC08R-0-0	BC08R-06		H856-H856 3M CABLE(6")	2	2
9	9	E-IA-7020382-0-0	7020382-00		BULKHEAD WELDMENT F.E.	1	1
10	10	D-MD-7409445-0-0	7409445-00		BRACKET, HARNESS SUPPORT	2	2
11	11	D-MD-7411583-0-0	7411583-00	A	BRKT BEZEL MTG (DC76)	2	2
12	12	C-IA-7013059-0-0	7013059-02		GROUND STRAP	2	2
13	13		9007651-00	B	WASHER,LOCK EXTERNAL STEEL	17	17
14	14		9006565-00	C	NUT,HEX EXT TOOTH LCKWSHR 10-32	16	16
15	15		9009700-00	A	SCREW,SEMS TRUSS PHIL 10-	139	139
16	16		9007786-00	F	RETAINER,U-NUT 10-32X	72	72
17	17	C-IA-7406572-0-0	7406572-00		ALTERNATE MEMORY RETAINER	3	3
18	18	C-IA-7429497-0-0	7429497-01		PLATE,NUT	1	1
19	19	D-IA-7409446-0-0	7409446-00		HARNESS, SUPPORT	2	2
20	20	B-MD-7409447-0-0	7409447-00	A	PLATE, SUPPORT	2	2
21	21		9009617-00	A	TIE,CABLE BUNDL.DIA 0-3"TYPE=101	A/R	A/R
22	22	E-IA-7009566-0-0	7009566-00		HARNESS 21 IN BOX POWER	1	1
23	23	E-UA-H744-0-0	0H744-00		POWER REGULATOR	3	3
24	24	E-UA-H745-0-0	0H745-00		POWER REGULATOR	2	2
25	25		9009228-10	A	SCREW,SEMS PAN PHIL 10-	20	20
26	26		9006024-03	A	SCREW,MACH TRUSS PHIL 6-	2	2
27	27		9007036-00	B	GROMMET,CATERPILLAR POLYAMIDE	A/R	A/R
28	28		9007594-00	A	ADHESIVE,NEOPRENE	A/R	A/R

REVISION HISTORY			BASIC PART NO: 7020327		
ENG	ECO NUMBER	REV	SECTION A OF A	DRN:	VICKY GUTBIER
	INITIAL	IA	SECTION.VARIATION INDEX	DATE:	02-AUG-83
			CAJ00,01	CHK'D:	JEFF HUSON
			[B]	DATE:	02-AUG-83
			[C]	DES.ENG:	ROGER SCOTT
			[D]	DATE:	02-AUG-83
			[E]	RESP.ENG.:	ROGER SCOTT
			[F]	DATE:	02-AUG-83
				IMFG.ENG.:	SUE ALMEIDA
				DATE:	02-AUG-83
				RELEASE DATE:	
				ASSEMBLY NUMBER:	
				TOP DOCUMENT NUMBER:	
				FILE NAME:	
				EDIT #	
					5

"THIS DRAWING AND THE SPECIFICATIONS CONTAINED HEREIN ARE CONFIDENTIAL AND PROPRIETARY. THEY 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. THIS IS AN UNPUBLISHED WORK PROTECTED UNDER THE FEDERAL COPYRIGHT LAWS."

MRO

AUTOMATED BY PRTLST.5R(52)

P A R T S L I S T

SHEET A2 OF A3

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VARIATION	
						00	01
						A1	A1
29	29	C-MD-7429335-0-DBU	7429335-01	A	PLATE, CABLE COVER	1	1
30	30		3613272-00	B	LABEL,ADH BACK,MYLAR CAP	13	13
31	31		9006231-09	A	SCREW,MACH HEX PLN 10-	6	6
32	32		9006634-00	A	WASHER,LOCK INTERNAL STEEL	8	8
33	33		9006724-00	A	WASHER,LOCK EXTERNAL STEEL	3	3
34	34		9008203-00	A	NUT,HEX EXT TOOTH LCKWSHR 1/4-20	2	2
35	35		9006563-00	A	NUT,HEX EXT TOOTH LCKWSHR 8-32	3	3
36	36	E-MD-7412285-0-0	7412285-00		SHIELD EMI (KL10)	1	1
37	37		9006039-01	A	SCREW,MACH PAN PHIL 8-	6	6
38	38		9006664-00	A	WASHER,FLAT SST	4	4
39	39		3622062-01	A	LABEL,STABILITY 11/780	2	2
40	40	C-IA-7013059-0-0	7013059-01		GROUND STRIP	1	1
41	41	C-IA-7013059-0-0	7013059-08		STRAPGROUND	1	1
42	42	J-IA-7020840-0-0	7020840-01		HARNESS FRONT END FAULT INDIC	1	1
43	43	J-IA-7020839-0-0	7020839-01		HARNESS FRONT END SWITCH PANEL	1	1
44	44		9007032-00		TIE,CABLE BUNDL.DIA 0-1-3/4"=101	A/R	A/R
45	45		3617674-00	E	LABEL,SERIAL/POWER W/O UL + CSA	1	1
46	46		9008264-00	A	MOUNT, CABLE TIE, ADHESIVE BACKE	A/R	A/R
47	47		9008072-00	A	WASHER,LOCK EXTERNAL STEEL	10	10
48	48		1211215-00	A	CLAMP,CABLE SCREW MNT ACCOM	2	2
49	49		9006045-01	A	SCREW,MACH PAN PHIL 8-	4	4
50	50	D-IA-7020715-0-0	7020715-01		CABLE PRIMARY POWER 60 HZ. KL10R	1	1
51	51		9006043-01	A	SCREW,MACH PAN PHIL 8-	4	4
52	52	D-AD-7009861-0-0	7009861-00	A	RECEPT HOUSING ASSY-RP04	3	3
53	53	C-MD-7428177-0-DBU	7428177-01	A	SHIELD,RECEPTACLE	3	3
54	54		9006013-01	A	SCREW,MACH PAN PHIL 4-	12	12
55	55		3622338-01		LABEL,FRONT END BULKHEAD SET	1	1
56	56	D-MD-7426406-02-DBU	7426406-02	A	PANEL,OCTAL (MASTER)	2	4
57	57	K-PL-DC20F-0-DBP	DC20F-AD		FCC COMPLIANT DC20-AA + DC20-DA	1	-
58	58	C-IA-7021175-0-0	7021175-04		CABLE INTERNAL, RTO	2	2
59	59		1220105-01		GASKET,EMI .25"OD	40	40
60	60		1221535-01	A	CLIP,NYLON FOR RF GASKET	92	92
61	61		ODL11-M		M7800 RS232 FULL MODEM CONTROL E	2	2
62	62	C-UA-DB11-M-0	ODB11-M		UNIBUS REPEATER	1	1
63	63	D-UA-RH11-0-0	ORH11-AB		RS03 CONTROL UP TO 16 DUAL PORT	1	1
64	64	B-DD-DD11-B-0	ODD11-B		CARD CONTROL , MOUNTING PANEL	2	2
65	65	D-IA-7009573-0-0	7009573-C0		HARNESS 6 PIN JUMPER	2	2
66	66		1219534-01		SCREW, CAPTV SLOT 4-	16	32
67	67	C-MD-7413983-0-0	7413983-00		CLAMP WIRE BASKET	6	6
68	68	D-UA-BC06R-0-0	BC06R-12		CABLE I/O 12FT (MJ11)	3	3
69	69	D-UA-BC11A-0-0	BC11A-13		M919 TO M929 FLAT MYLAR EXTERNAL	1	1
70	70	D-UA-BC11A-0-0	BC11A-17		CABLE	1	1
71	71	C-IA-7011025-0-0	7011025-00		MAINT CABLE ASSY	1	1
72	72	C-IA-7013059-0-0	7013059-07		GROUND STRIP	3	3
73	73	B-DD-KW11-L-0	OKW11-L		CLOCK LINE FREQUENCY INTERVAL	1	1
74	74		9006688-00	A	WASHER,HELICAL SPLIT SST	12	12

D I G I T A L		TITLE	F/E CABINET ASSEMBLY	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
					K	PL	7020327-0-DBP	A

MRO

AUTOMATED BY PRTLST.5R(52)

P A R T S L I S T

SHEET A3 OF A3

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY	PER	VARIATION
						00	01	
						A1	A1	
75	75	D-UA-M9202-0-0	M9202-00		CABLE UNIBUS JUMPER	3	3	
76	76	D-UA-BC27C-0-0	BC27C-09		9 FT CABLE,BC05C-10,7426407-09 F	2	2	
77	77	D-UA-M7846-0-0	M7846-00		RX01 UNIBUS INTERFACE,QUAD	1	1	
78	78	D-IA-7010167-0-0	7010167-00		SUPPORT HARNESS (11/40)	1	1	
79	79	C-IA-7011960-0-0	7011960-00		SUPPORT HARNESS	2	2	
80	80		9007867-00		MOUNT, PUSH,CABLE TIE	A/R	A/R	
81	81		1209340-00	F	MATE-N-LOK 08SKT(1X08).	2	2	
					HSG			

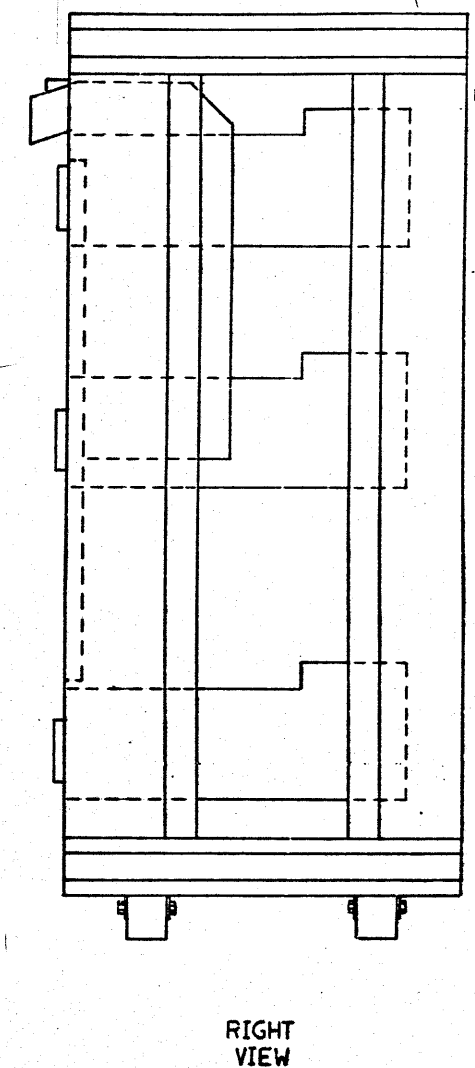
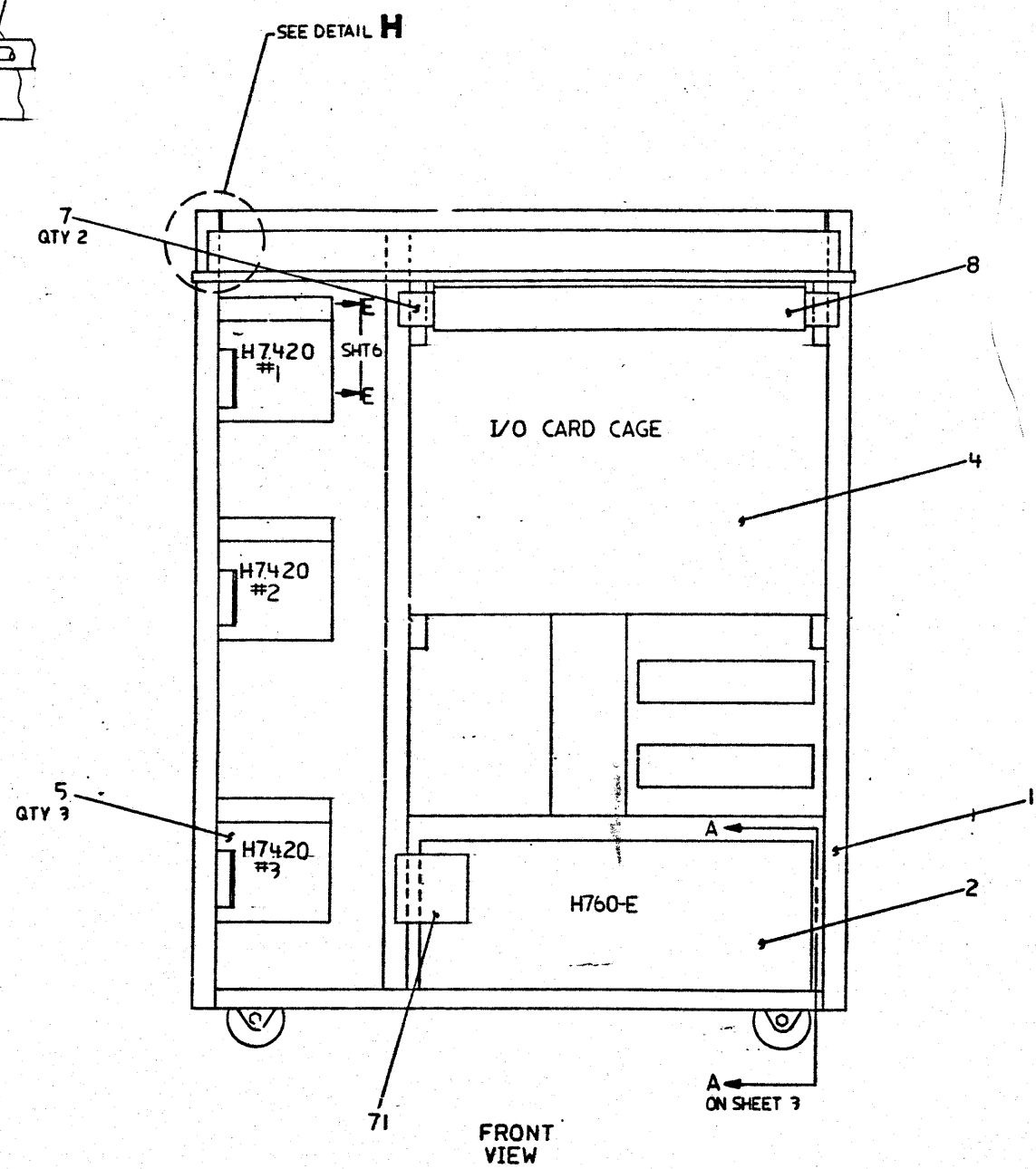
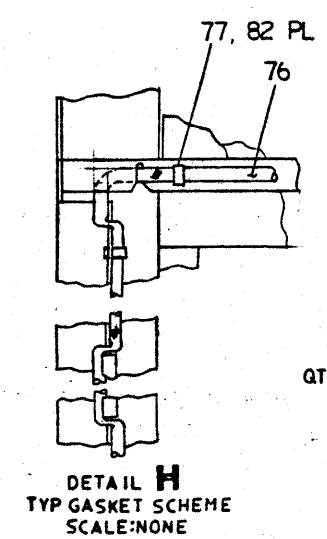
D	I	G	I	T	A	L	TITLE	P/E CABINET ASSEMBLY	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	7020327-0-DBP	A

MRO

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION. IT 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 © 1983 DIGITAL EQUIPMENT CORPORATION

LEGEND		
PART NO	VARIATION	REV
7020325-00	AS SHOWN	A1
7020325-01	SAME AS-00 MINUS ALL MEMORY PARTS	A1

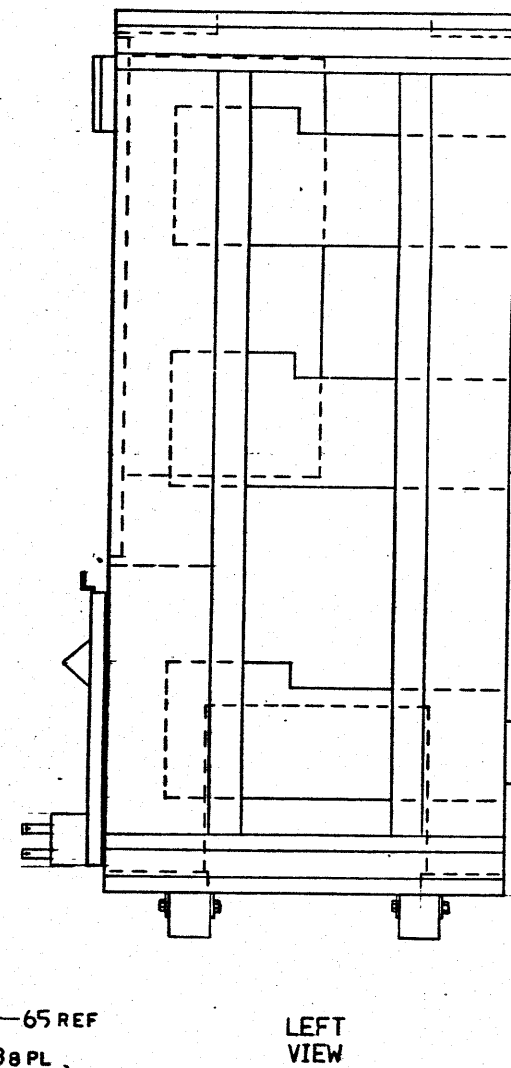
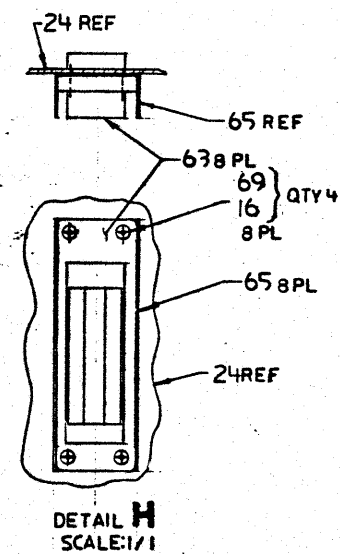
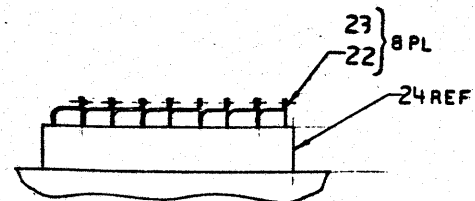
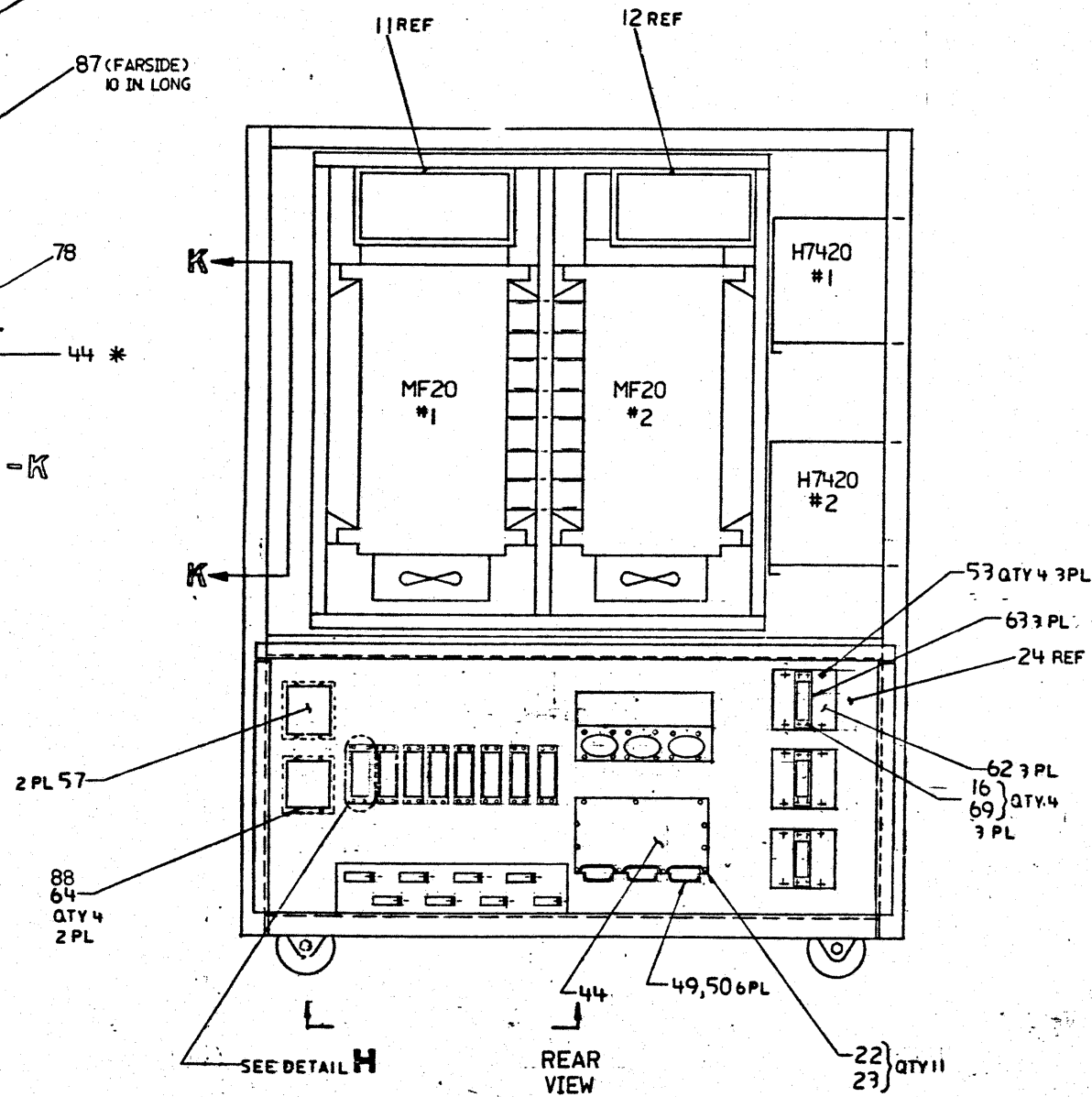
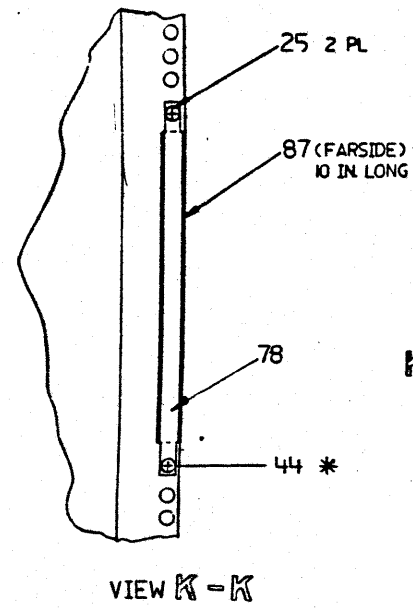
- NOTES:
1. ALL HOLE LOCATIONS ARE DESIGNATED BY AN ASTERISK - BOTTOM HOLE IS HOLE NO. 0.
 2. ALL NINE LABELS FOR THE I/O BULKHEAD ITEM(86) WILL COME ON ONE SHEET, PEEL OFF INDIVIDUAL LABELS AND APPLY WHERE SHOWN. (SH5)
 3. LABEL ALL H7420 POWER CORDS USING BRADY MARKERS AS FOLLOWS:
H7420 #1 → 30
H7420 #2 → 28
H7420 #3 → 29
 - LABEL 2 EXTENSION CORDS ITEM(73) USING BRADY MARKERS AT BOTH ENDS. LABEL ONE CORD 24 (BOTH ENDS) AND THE OTHER 26 (BOTH ENDS)
 4. INSTALL JUMPERS ITEM 54 IN THE FOLLOWING PLACES TO IDENTIFY CONTROLLERS.
MF20 #1 CONTROLLER NO.10
NO JUMPERS
MF20 #2 CONTROLLER NO.11
JUMPER PIN A4N1 TO GROUND
ALSO BOTH MF20'S REQUIRE A JUMPER FROM PIN F7N1 TO GROUND (SIGNAL DESEL (CYC DISABLE))



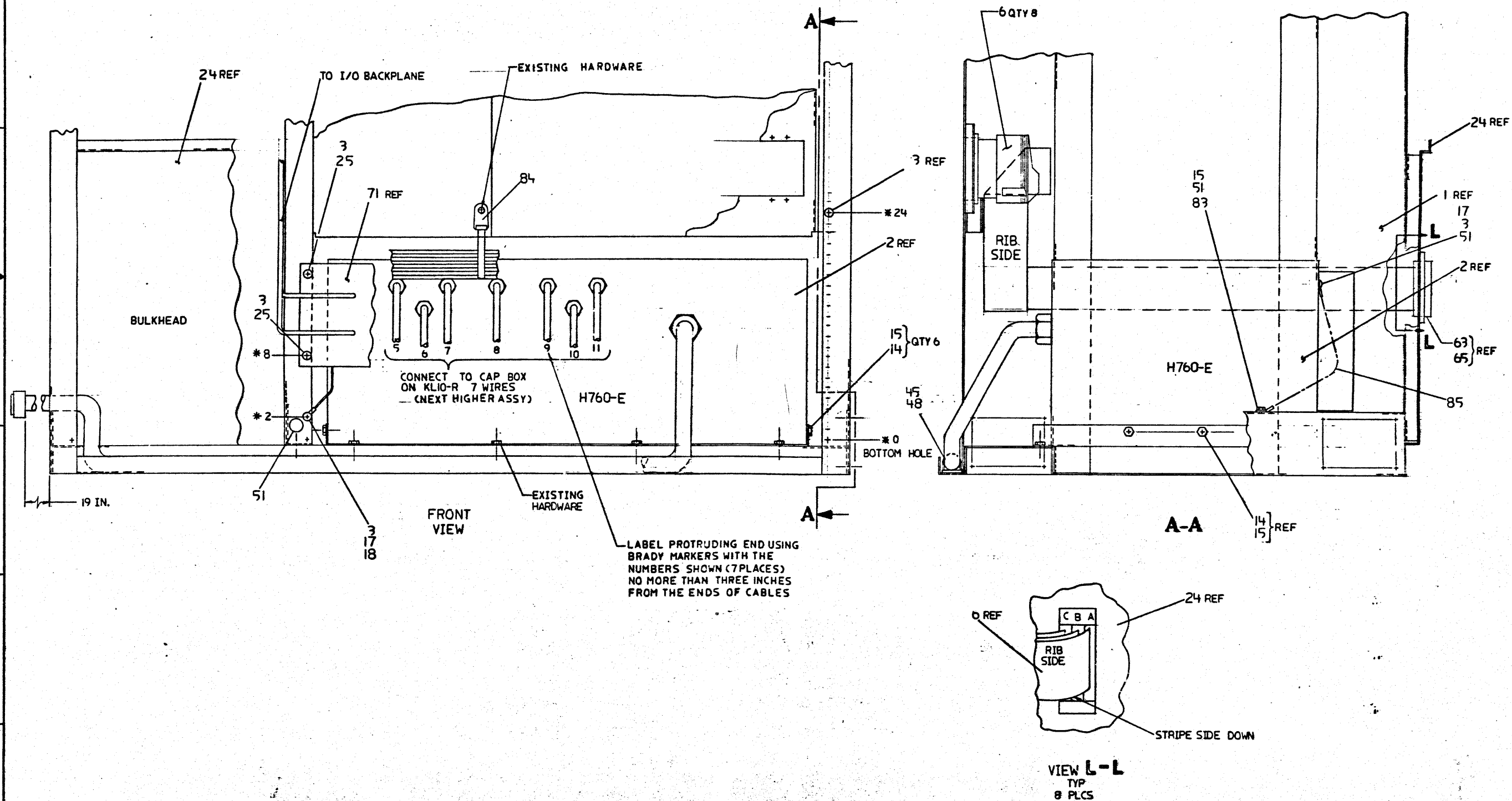
CAUTION: OFF SHEETS PARTS LIST EXISTS
SEE K-PL-7020325-0-DBP

REVISION HISTORY	REV
DATE	ECO NUMBER

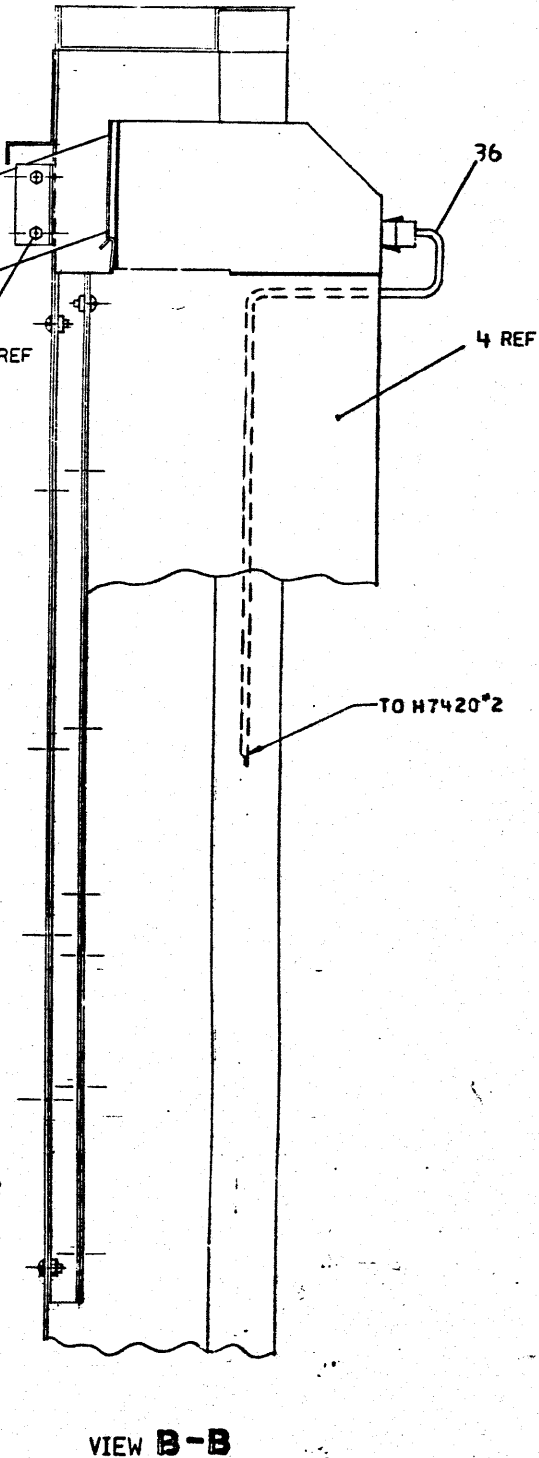
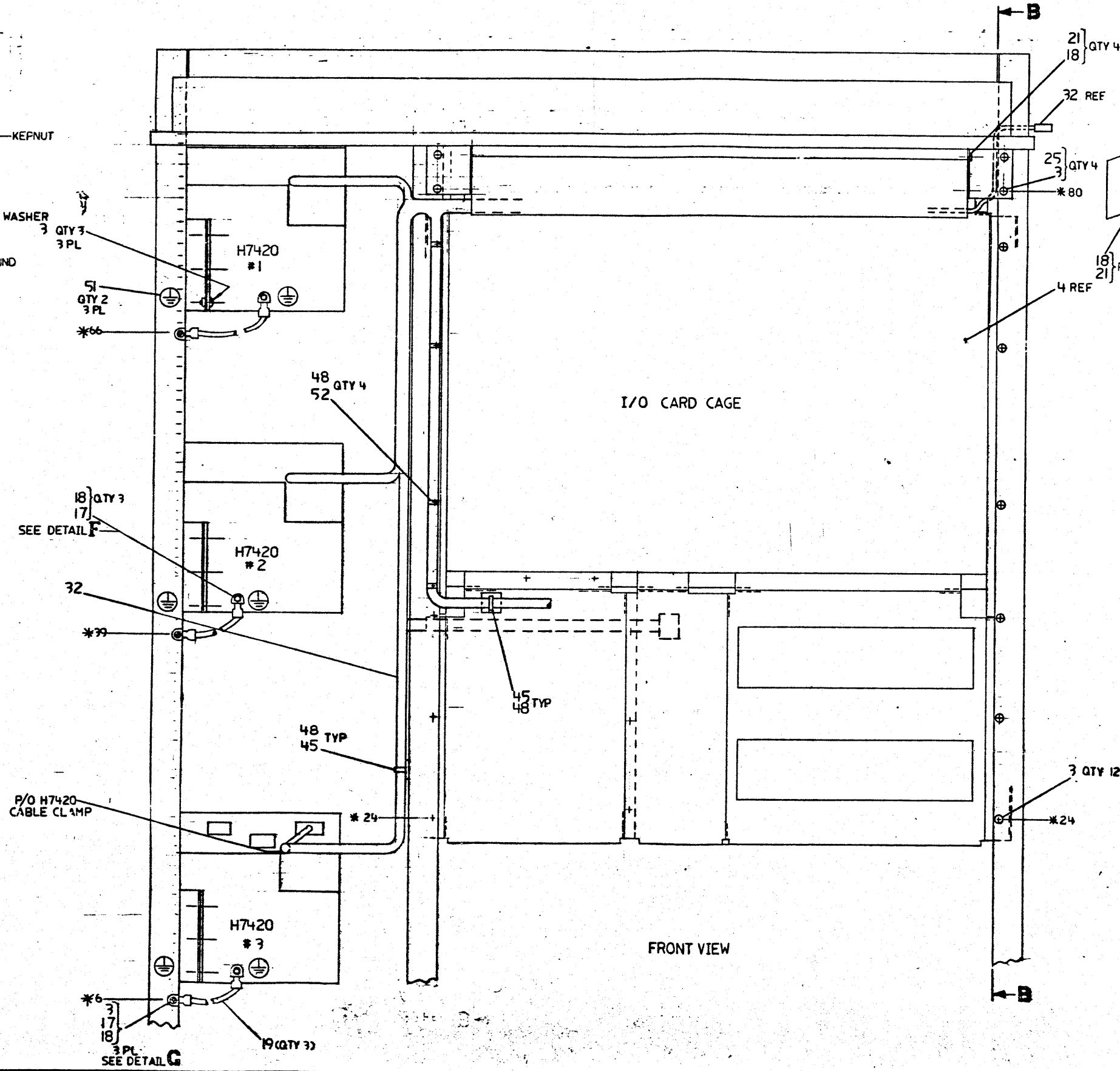
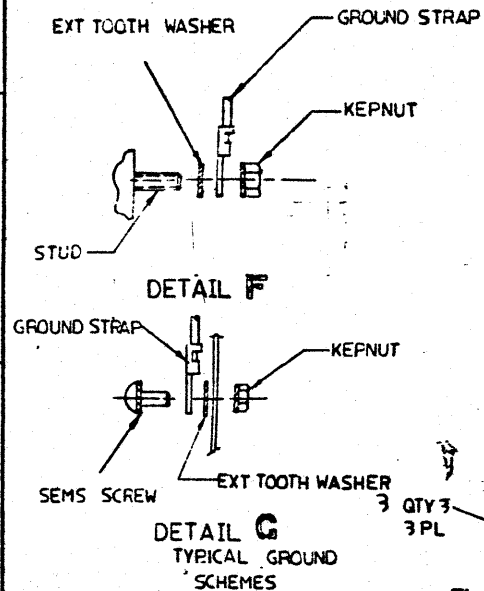
DESCRIPTION		DRAWING NO.		PART NO.		ITEM NO.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND THE FOLLOWING TOLERANCES APPLY (PER DEC STD 114)							
HOLE TOLERANCES		APPLICABLE DIMENSION TOLERANCES		DIMENSION RANGES IN INCHES			
Holes 2" & up		Holes 2" & up		Holes 2" & up			
Holes 1/8" to 1/4"		Holes 1/8" to 1/4"		Holes 1/8" to 1/4"			
Holes 1/16" to 1/8"		Holes 1/16" to 1/8"		Holes 1/16" to 1/8"			
Holes 1/32" to 1/16"		Holes 1/32" to 1/16"		Holes 1/32" to 1/16"			
Holes 1/64" to 1/32"		Holes 1/64" to 1/32"		Holes 1/64" to 1/32"			
Holes 1/128" to 1/64"		Holes 1/128" to 1/64"		Holes 1/128" to 1/64"			
Holes 1/256" to 1/128"		Holes 1/256" to 1/128"		Holes 1/256" to 1/128"			
Holes 1/512" to 1/256"		Holes 1/512" to 1/256"		Holes 1/512" to 1/256"			
Holes 1/1024" to 1/512"		Holes 1/1024" to 1/512"		Holes 1/1024" to 1/512"			
Holes 1/2048" to 1/1024"		Holes 1/2048" to 1/1024"		Holes 1/2048" to 1/1024"			
Holes 1/4096" to 1/2048"		Holes 1/4096" to 1/2048"		Holes 1/4096" to 1/2048"			
Holes 1/8192" to 1/4096"		Holes 1/8192" to 1/4096"		Holes 1/8192" to 1/4096"			
Holes 1/16384" to 1/8192"		Holes 1/16384" to 1/8192"		Holes 1/16384" to 1/8192"			
Holes 1/32768" to 1/16384"		Holes 1/32768" to 1/16384"		Holes 1/32768" to 1/16384"			
Holes 1/65536" to 1/32768"		Holes 1/65536" to 1/32768"		Holes 1/65536" to 1/32768"			
Holes 1/131072" to 1/65536"		Holes 1/131072" to 1/65536"		Holes 1/131072" to 1/65536"			
Holes 1/262144" to 1/131072"		Holes 1/262144" to 1/131072"		Holes 1/262144" to 1/131072"			
Holes 1/524288" to 1/262144"		Holes 1/524288" to 1/262144"		Holes 1/524288" to 1/262144"			
Holes 1/1048576" to 1/524288"		Holes 1/1048576" to 1/524288"		Holes 1/1048576" to 1/524288"			
Holes 1/2097152" to 1/1048576"		Holes 1/2097152" to 1/1048576"		Holes 1/2097152" to 1/1048576"			
Holes 1/4194304" to 1/2097152"		Holes 1/4194304" to 1/2097152"		Holes 1/4194304" to 1/2097152"			
Holes 1/8388608" to 1/4194304"		Holes 1/8388608" to 1/4194304"		Holes 1/8388608" to 1/4194304"			
Holes 1/16777216" to 1/8388608"		Holes 1/16777216" to 1/8388608"		Holes 1/16777216" to 1/8388608"			
Holes 1/33554432" to 1/16777216"		Holes 1/33554432" to 1/16777216"		Holes 1/33554432" to 1/16777216"			
Holes 1/67108864" to 1/33554432"		Holes 1/67108864" to 1/33554432"		Holes 1/67108864" to 1/33554432"			
Holes 1/134217728" to 1/67108864"		Holes 1/134217728" to 1/67108864"		Holes 1/134217728" to 1/67108864"			
Holes 1/268435456" to 1/134217728"		Holes 1/268435456" to 1/134217728"		Holes 1/268435456" to 1/134217728"			
Holes 1/536870912" to 1/268435456"		Holes 1/536870912" to 1/268435456"		Holes 1/536870912" to 1/268435456"			
Holes 1/1073741824" to 1/536870912"		Holes 1/1073741824" to 1/536870912"		Holes 1/1073741824" to 1/536870912"			
Holes 1/2147483648" to 1/1073741824"		Holes 1/2147483648" to 1/1073741824"		Holes 1/2147483648" to 1/1073741824"			
Holes 1/4294967296" to 1/2147483648"		Holes 1/4294967296" to 1/2147483648"		Holes 1/4294967296" to 1/2147483648"			
Holes 1/8589934592" to 1/4294967296"		Holes 1/8589934592" to 1/4294967296"		Holes 1/8589934592" to 1/4294967296"			
Holes 1/17179869184" to 1/8589934592"		Holes 1/17179869184" to 1/8589934592"		Holes 1/17179869184" to 1/8589934592"			
Holes 1/34359738368" to 1/17179869184"		Holes 1/34359738368" to 1/17179869184"		Holes 1/34359738368" to 1/17179869184"			
Holes 1/68719476736" to 1/34359738368"		Holes 1/68719476736" to 1/34359738368"		Holes 1/68719476736" to 1/34359738368"			
Holes 1/137438953472" to 1/68719476736"		Holes 1/137438953472" to 1/68719476736"		Holes 1/137438953472" to 1/68719476736"			
Holes 1/274877907344" to 1/137438953472"		Holes 1/274877907344" to 1/137438953472"		Holes 1/274877907344" to 1/137438953472"			
Holes 1/549755814688" to 1/274877907344"		Holes 1/549755814688" to 1/274877907344"		Holes 1/549755814688" to 1/274877907344"			
Holes 1/1099511629376" to 1/549755814688"		Holes 1/1099511629376" to 1/549755814688"		Holes 1/1099511629376" to 1/549755814688"			
Holes 1/2199023258752" to 1/1099511629376"		Holes 1/2199023258752" to 1/1099511629376"		Holes 1/2199023258752" to 1/1099511629376"			
Holes 1/4398046517504" to 1/2199023258752"		Holes 1/4398046517504" to 1/2199023258752"		Holes 1/4398046517504" to 1/2199023258752"			
Holes 1/8796093035008" to 1/4398046517504"		Holes 1/8796093035008" to 1/4398046517504"		Holes 1/8796093035008" to 1/4398046517504"			
Holes 1/17592186070016" to 1/8796093035008"		Holes 1/17592186070016" to 1/8796093035008"		Holes 1/17592186070016" to 1/8796093035008"			
Holes 1/35184372140032" to 1/17592186070016"		Holes 1/35184372140032" to 1/17592186070016"		Holes 1/35184372140032" to 1/17592186070016"			
Holes 1/70368744280064" to 1/35184372140032"		Holes 1/70368744280064" to 1/35184372140032"		Holes 1/70368744280064" to 1/35184372140032"			
Holes 1/140737488560128" to 1/70368744280064"		Holes 1/140737488560128" to 1/70368744280064"		Holes 1/140737488560128" to 1/70368744280064"			
Holes 1/281474977120256" to 1/140737488560128"		Holes 1/281474977120256" to 1/140737488560128"		Holes 1/281474977120256" to 1/140737488560128"			
Holes 1/562949954240512" to 1/281474977120256"		Holes 1/562949954240512" to 1/281474977120256"		Holes 1/562949954240512" to 1/281474977120256"			
Holes 1/1125899908481024" to 1/562949954240512"		Holes 1/1125899908481024" to 1/562949954240512"		Holes 1/1125899908481024" to 1/562949954240512"			
Holes 1/2251799816962048" to 1/1125899908481024"		Holes 1/2251799816962048" to 1/1125899908481024"		Holes 1/2251799816962048" to 1/1125899908481024"			
Holes 1/4503599633924096" to 1/2251799816962048"		Holes 1/4503599633924096" to 1/2251799816962048"		Holes 1/4503599633924096" to 1/2251799816962048"			
Holes 1/9007199267848192" to 1/4503599633924096"		Holes 1/9007199267848192" to 1/4503599633924096"		Holes 1/9007199267848192" to 1/4503599633924096"			
Holes 1/18014398535696384" to 1/9007199267848192"		Holes 1/18014398535696384" to 1/9007199267848192"		Holes 1/18014398535696384" to 1/9007199267848192"			
Holes 1/36028797071392768" to 1/18014398535696384"		Holes 1/36028797071392768" to 1/18014398535696384"		Holes 1/36028797071392768" to 1/18014398535696384"			
Holes 1/72057594142785536" to 1/36028797071392768"		Holes 1/72057594142785536" to 1/36028797071392768"		Holes 1/72057594142785536" to 1/36028797071392768"			
Holes 1/144115188285571072" to 1/72057594142785536"		Holes 1/144115188285571072" to 1/72057594142785536"		Holes 1/144115188285571072" to 1/72057594142785536"			
Holes 1/288230376571142144" to 1/144115188285571072"		Holes 1/288230376571142144" to 1/144115188285571072"		Holes 1/288230376571142144" to 1/144115188285571072"			
Holes 1/576460753142284288" to 1/288230376571142144"		Holes 1/576460753142284288" to 1/288230376571142144"		Holes 1/576460753142284288" to 1/288230376571142144"			
Holes 1/1152921506284568576" to 1/576460753142284288"		Holes 1/1152921506284568576" to 1/576460753142284288"		Holes 1/1152921506284568576" to 1/576460753142284288"			
Holes 1/2305843012569137152" to 1/1152921506284568576"		Holes 1/2305843012569137152" to 1/1152921506284568576"		Holes 1/2305843012569137152" to 1/1152921506284568576"			
Holes 1/4611686025138274304" to 1/2305843012569137152"		Holes 1/4611686025138274304" to 1/2305843012569137152"		Holes 1/4611686025138274304" to 1/2305843012569137152"			
Holes 1/9223372050276548608" to 1/4611686025138274304"		Holes 1/9223372050276548608" to 1/4611686025138274304"		Holes 1/9223372050276548608" to 1/4611686025138274304"			
Holes 1/18446744100553097216" to 1/9223372050276548608"		Holes 1/18446744100553097216" to 1/9223372050276548608"		Holes 1/18446744100553097216" to 1/9223372050276548608"			
Holes 1/36893488201106194432" to 1/18446744100553097216"		Holes 1/36893488201106194432" to 1/18446744100553097216"		Holes 1/36893488201106194432" to 1/18446744100553097216"			
Holes 1/73786976402212388864" to 1/36893488201106194432"		Holes 1/73786976402212388864" to 1/36893488201106194432"		Holes 1/73786976402212388864" to 1/36893488201106194432"			
Holes 1/14757395280442477728" to 1/73786976402212388864"		Holes 1/14757395280442477728" to 1/73786976402212388864"		Holes 1/14757395280442477728" to 1/73786976402212388864"			
Holes 1/29514790560884955456" to 1/14757395280442477728"		Holes 1/29514790560884955456" to 1/14757395280442477728"		Holes 1/29514790560884955456" to 1/14757395280442477728"			
Holes 1/59029581121769910912" to 1/29514790560884955456"		Holes 1/59029581121769910912" to 1/29514790560884955456"		Holes 1/59029581121769910912" to 1/29514790560884955456"			
Holes 1/118059162243539821824" to 1/59029581121769910912"		Holes 1/118059162243539821824" to 1/59029581121769910912"		Holes 1/118059162243539821824" to 1/59029581121769910912"			
Holes 1/236118324487079643648" to 1/118059162243539821824"		Holes 1/236118324487079643648" to 1/118059162243539821824"		Holes 1/236118324487079643648" to 1/118059162243539821824"			
Holes 1/472236648974159287296" to 1/236118324487079643648"		Holes 1/472236648974159287296" to 1/236118324487079643648"		Holes 1/472236648974159287296" to 1/236118324487079643648"			
Holes 1/944473297948318574592" to 1/472236648974159287296"		Holes 1/944473297948318574592" to 1/472236648974159287296"		Holes 1/944473297948318574592" to 1/472236648974159287296"			
Holes 1/1888946595896637149184" to 1/944473297948318574592"		Holes 1/1888946595896637149184" to 1/944473297948318574592"		Holes 1/1888946595896637149184" to 1/944473297948318574592"			
Holes 1/3777893191793274298368" to 1/1888946595896637149184"		Holes 1/3777893191793274298368" to 1/1888946595896637149184"		Holes 1/3777893191793274298368" to 1/1888946595896637149184"			
Holes 1/7555786383586548596736" to 1/3777893191793274298368"		Holes 1/7555786383586548596736" to 1/3777893191793274298368"		Holes 1/7555786383586548596736" to 1/3777893191793274298368"			
Holes 1/15111572767173097193472" to 1/7555786383586548596736"		Holes 1/15111572767173097193472" to 1/7555786383586548596736"		Holes 1/15111572767173097193472" to 1/7555786383586548596736"			
Holes 1/30223145534346194386944" to 1/15111572767173097193472"		Holes 1/30223145534346194386944" to 1/15111572767173097193472"		Holes 1/30223145534346194386944" to 1/15111572767173097193472"			
Holes 1/60446291068692388773888" to 1/30223145534346194386944"		Holes 1/60446291068692388773888" to 1/30223145534346194386944"		Holes 1/60446291068692388773888" to 1/30223145534346194386944"			
Holes 1/120892582137384777547776" to 1/60446291068692388773888"		Holes 1/120892582137384777547776" to 1/60446291068692388773888"		Holes 1/120892582137384777547776" to 1/60446291068692388773888"			
Holes 1/241785164274769555095552" to 1/120892582137384777547776"		Holes 1/241785164274769555095552" to 1/120892582137384777547776"		Holes 1/241785164274769555095552" to 1/120892582137384777547776"			
Holes 1/483570328549539110191104" to 1/241785164274769555095552"		Holes 1/483570328549539110191104" to 1/241785164274769555095552"		Holes 1/483570328549539110191104" to 1/241785164274769555095552"			
Holes 1/967140657099078220382208" to 1/483570328549539110191104"		Holes 1/967140657099078220382208" to 1/483570328549539110191104"		Holes 1/967140657099078220382208" to 1/483570328549539110191104"			
Holes 1/1934281314198156440764416" to 1/967140657099078220382208"							



REVISIONS		
CHK	CHANGE NO.	REV.

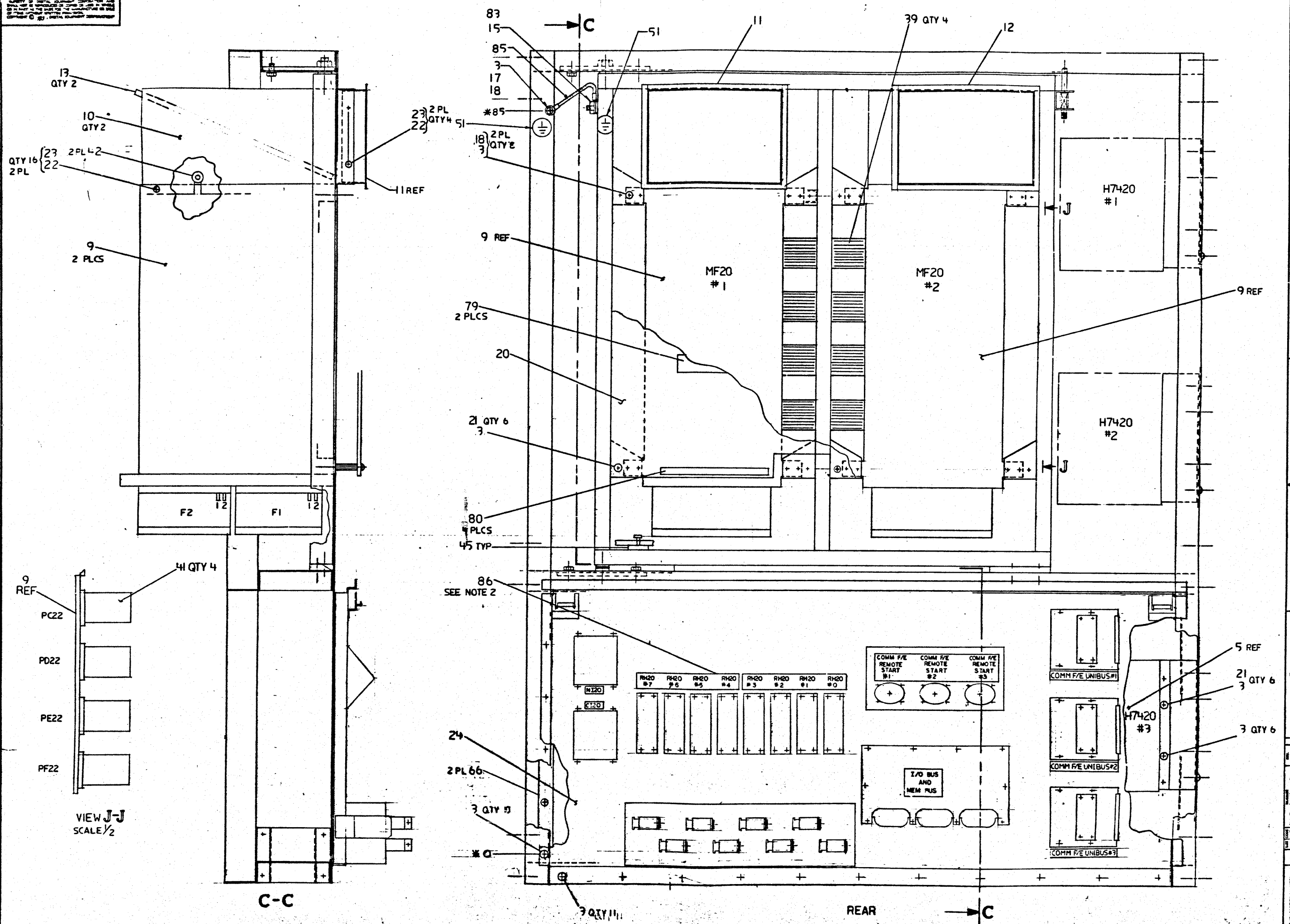


THIS DRAWING AND SPECIFICATION ARE THE PROPERTY OF THE U.S. GOVERNMENT AND SHALL NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM.

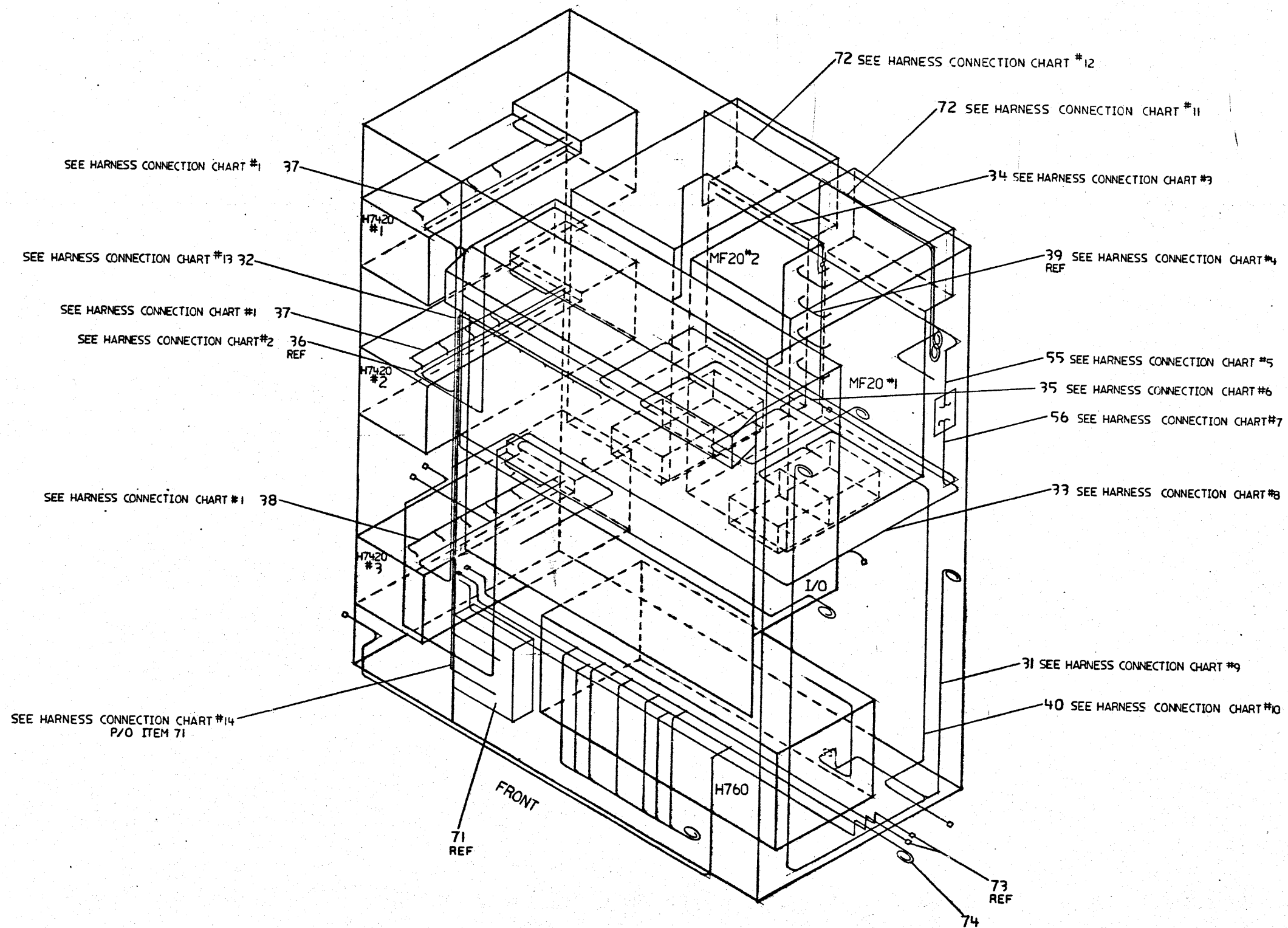


REV	DATE	BY	CHK
1			

USE THE FOLLOWING INFORMATION TO IDENTIFY THE PARTS OF THE I/O CAB ASSEMBLY. THE PARTS LISTED ARE THE PARTS OF THE I/O CAB ASSEMBLY. THE PARTS LISTED ARE THE PARTS OF THE I/O CAB ASSEMBLY.



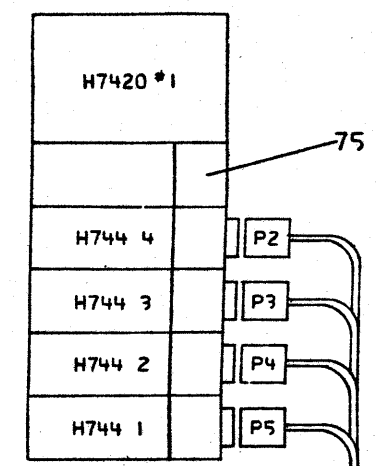
REV	DESCRIPTION	DATE
1	ORIGINAL	10/1/70



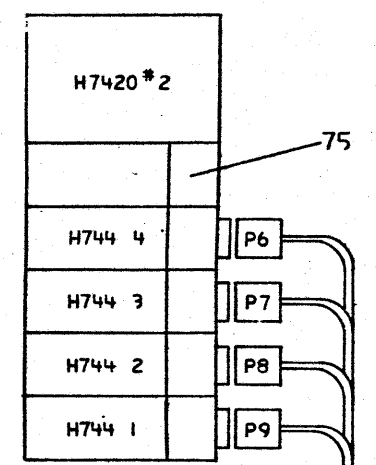
GENERAL HARNESS LOCATION & ROUTING

THIS DRAWING AND SPECIFICATIONS HEREBY 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.

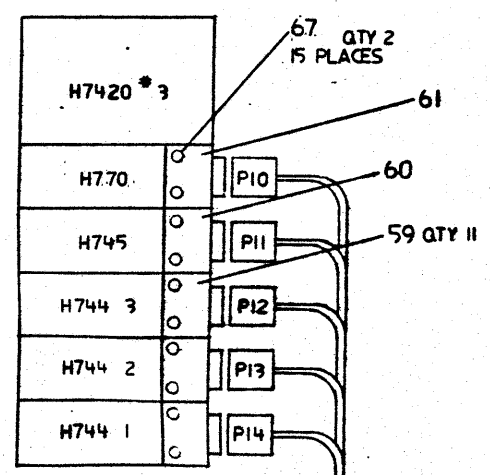
7793 DIGITAL EQUIPMENT CORPORATION



P/O ITEM 32
TO I/O B/P

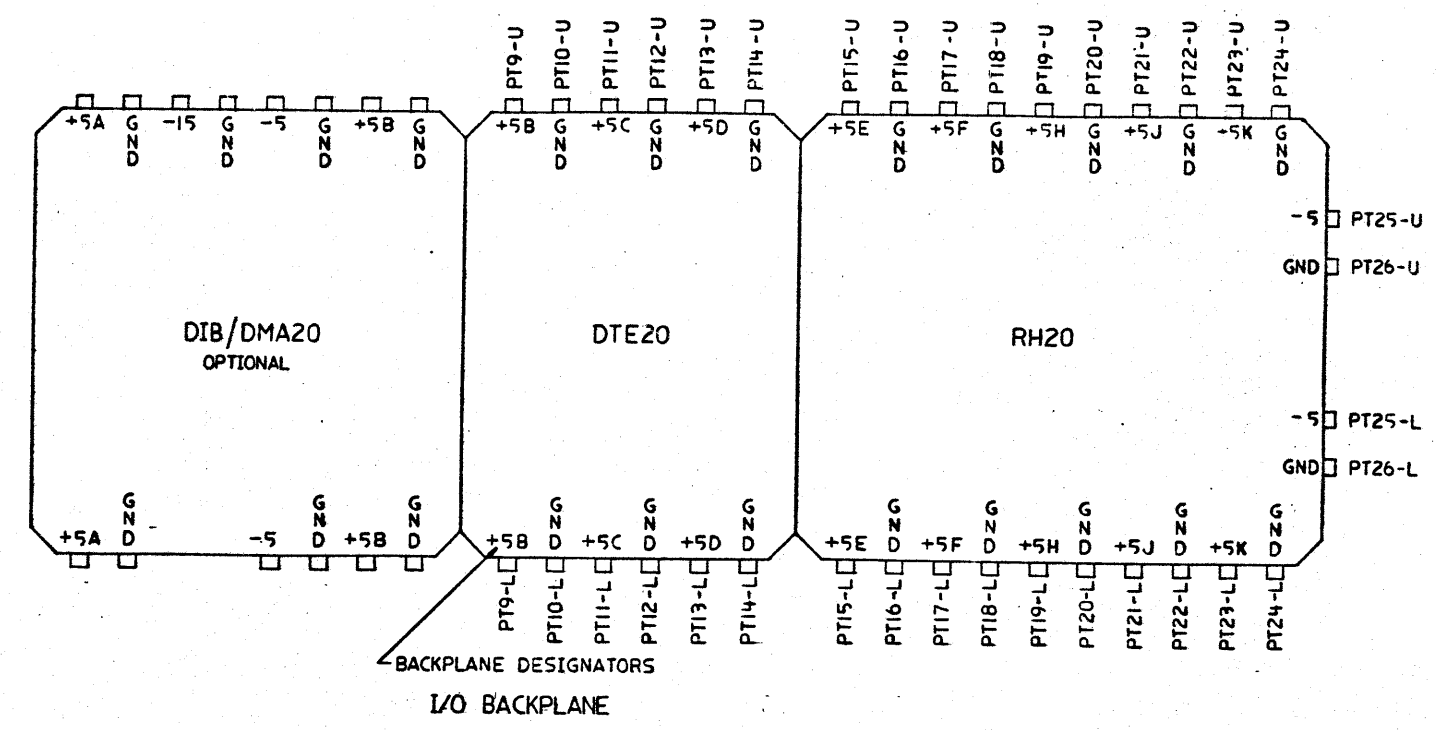


P/O ITEM 32
TO I/O B/P



P/O ITEM 32
TO I/O B/P

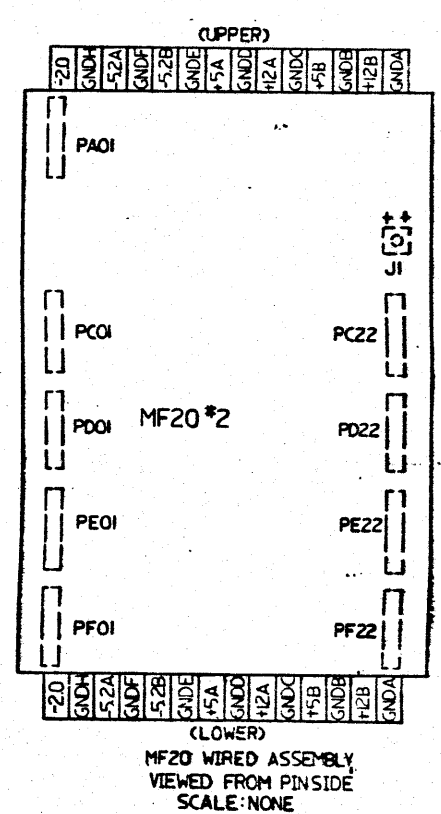
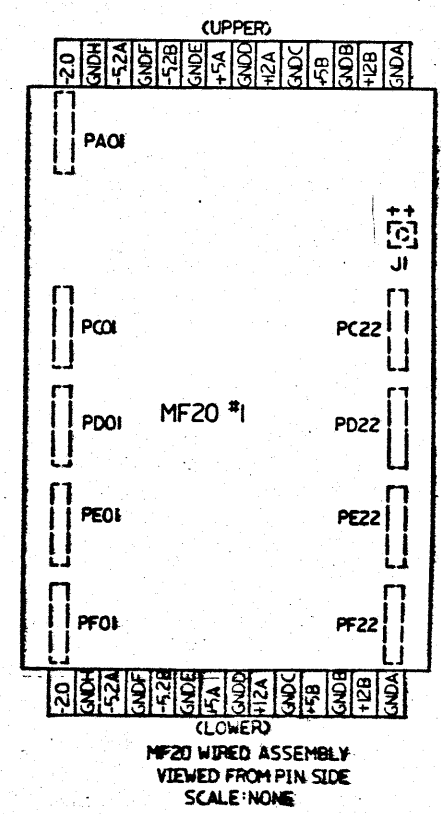
HARNESS CONNECTION CHART #1				
ITEM NO.	HARNESS TERM	POINT CONNECTION	CONNECTION	WITH
37	16		P2-6	
	15		P2-7	
	14		P3-6	
	13		P3-7	
	12		P4-6	
	11		P4-7	
	10		P5-6	
	9		P5-7	
		P2	H7420 #1-J2	
		P3	H7420 #1-J3	
37	16		P6-6	
	15		P6-7	
	14		P7-6	
	13		P7-7	
	12		P8-6	
	11		P8-7	
	10		P9-6	
	9		P9-7	
		P2	H7420 #2-J2	
		P3	H7420 #2-J3	
37	20		P10-7	
	19		P10-8	
	18		P11-6	
	17		P11-8	
	16		P12-6	
	15		P12-7	
	14		P13-6	
	13		P13-7	
	12		P14-6	
	11		P14-7	
		P2	H7420 #3-J2	
		P3	H7420 #3-J3	
H7420 RED		H7420 FANS	ITEM 37 P2-7	
#1 WHT			ITEM 37 P2-3	
H7420 RED		H7420 FANS	ITEM 37 P3-7	
#2 WHT			ITEM 37 P3-3	
H7420 RED		H7420 FANS	ITEM 38 P2-7	
#3 WHT			ITEM 38 P2-3	



	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
A																
B																
C																
D																
E																
F																

PIN SIDE

TYPICAL MF20 MODULE UTILIZATION
FOR BOTH MF20 #1 & MF20 #2



REVISION HISTORY		
DATE	ECO NUMBER	REV.

DOCUMENT NUMBER

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

HARNESS CONNECTION CHART #13			
ITEM NO	HARNESS TERM	CONNECTION	WITH
32	P1	I/O BACKPLANE/J1	
	P2	-420*1/H744 #4 J1	
	P3	-420*1/H744 #3 J1	
	P4	-420*1/H744 #2 J1	
	P5	-420*1/H744 #1 J1	
	P6	-420*2/H744 #4 J1	
	P7	-420*2/H744 #3 J1	
	P8	-420*2/H744 #2 J1	
	P9	-420*2/H744 #1 J1	
	P10	-420*3/H770 J1	
	P11	-420*3/H745 J1	
	P12	-420*3/H744 #3 J1	
	P13	-420*3/H744 #2 J1	
	P14	-420*3/H744 #1 J1	
	P15	NEXT HIGHER ASSY(KL10-R)	
	P16	NEXT HIGHER ASSY(KL10-R)	
1		F-20/PT25-L	
2		PT25-L	
3		PT24-L	
4		PT23-L	
5		PT22-L	
6		PT21-L	
7		PT20-L	
8		PT19-L	
9		PT18-L	
10		PT17-L	
11		PT16-L	
12		F-20/PT15-L	
13		F-20/PT14-L	
14		PT13-L	
15		PT12-L	
16		PT11-L	
17		PT10-L	
18		F-20/PT9-L	
19		20	70
21		22	
23		24	
25		26	
27			
28			
29			
30			
31			
32			
33		34	
35		36	
37		38	
39		40	70
41		DTE20/PT9-U	
42		PT10-U	
43		PT11-U	
44		PT12-U	
45		PT13-U	
46		DTE20/PT14-U	
47		RH20/PT15-U	
48		PT16-U	
49		PT17-U	
50		PT18-U	
51		PT19-U	
52		PT20-U	
53		PT21-U	
54		PT22-U	
55		PT23-U	
56		PT24-U	
57		PT25-U	
58		F-20/PT26-U	
59		F-20/PT27-U	
60		ITEM 71/P13-4	

HARNESS CONNECTION CHART #14			
ITEM NO	HARNESS TERM	CONNECTION	WITH
71	71	ITEM 32/PT10-3	
72		ITEM 32/PT10-4	
68			70
67			70
66			70
65			70
64		DTE20/PT9-U	
63		PT10-U	
62		PT11-U	
61		PT12-U	
60		PT13-U	
59		DTE20/PT14-U	
58		RH20/PT15-U	
57		PT16-U	
56		PT17-U	
55		PT18-U	
54		PT19-U	
53		PT20-U	
52		PT21-U	
51		PT22-U	
50		PT23-U	
49		PT24-U	
48		PT25-U	
47		RH20/PT25-U	
46		NEXT HIGHER ASSY(KL10-R)	
45		NEXT HIGHER ASSY(KL10-R)	
71		P13	J13

REVISION HISTORY		
REV	ECO NUMBER	DATE

AUTOMATED BY PRTLST.5R(52)

P A R T S L I S T

SHEET A1 OF A3

LYNE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY	PER VARIATION
						00	01
						A1	A1
1	1	E-AD-7020324-0-DBU	7020324-00		CABINET ASSY, I/O	1	1
2	2	E-UA-H760-0-0	0H760-E		H760-A WITH CABLES FOR KL10-RA,2	1	1
3	3		9009700-00	A	SCREW,SEMS TRUSS PHIL 10-	87	65
4	4	E-AD-7020381-0-0	7020381-00		LOGIC ASSY, RH20/DTE20	1	1
5	5	E-UA-H7420-0-0	H7420-A		POW SUPPLY HI POW H742-A 115V	3	3
6	6	E-AD-7021025-0-DBU	7021025-7F		CABLE, INTERNAL MASSBUS	8	8
7	7	C-MD-7436480-0-0	7426480-01	A	BRACKET,I/O C/C DUCT MOUNTING	2	2
8	8	D-IA-7020323-0-0	7020323-00		DUCT WELDMENT, I/O C/C	1	1
9	9	E-IA-7016018-0-0	7016018-00		CARD CAGE ASSY	2	0
10	10	E-IA-7014470-0-0	7014470-00		WELDMENT, TOP DUCT	2	0
11	11	D-IA-7020321-0-0	7020321-00		PLENUM WELDMENT, MF20 I/O	1	0
12	12	D-IA-7020322-0-0	7020322-00		PLENUM WELDMENT, MF20 OFFSET	1	0
13	13		1214045-02	D	FILTER,AIR ALUM FRAMED	2	0
14	14		9006240-09	A	SCREW,MACH HEX PLN 1/4-	6	6
15	15		9006724-00	A	WASHER,LOCK EXTERNAL STEEL	8	8
16	16		9006013-04	A	SCREW,MACH BYND SLOT 4-	44	44
17	17		9007651-00	B	WASHER,LOCK EXTERNAL STEEL	10	10
18	18		9006565-00	C	NUT,HEX EXT TOOTH LCKWSHR 10-32	30	14
19	19	C-IA-7013059-0-0	7013059-02		GROUND STRAP	3	3
20	20	D-MD-7426484-0-0	7426484-01	A	COVER,PROTECTIVE,MF20	1	0
21	21		9006664-00	A	WASHER,FLAT SST	16	10
22	22		9006037-03	A	SCREW,MACH TRUSS PHIL 8-	59	19
23	23		9008151-00	A	WASHER,LOCK EXTERNAL STEEL	59	19
24	24	E-IA-7020841-0-DBU	7020841-01		I/O BULKHEAD WELDMENT	1	1
25	25		9007786-00	F	RETAINER,U-NUT 10-32K	8	6
26	26	D-UA-M8574-0-0	M8574-00		WRITE PATH	2	0
27	27	D-UA-M8575-0-0	M8575-00		SYNDROME MF20	2	0
28	28	D-UA-M8576-0-0	M8576-00		MOS CONTROL	2	0

REVISION HISTORY			BASIC PART NO: 7020325			DRM: V. GUTBIER			DATE: 12-JUL-83			D I G I T A L					
ENG	ECO NUMBER	REV	SECTION A OF A			CHK'D: J. HUSON			DATE: 12-JUL-83			TITLE PARTS LIST					
---	INITIAL	A	SECTION VARIATION INDEX			I/O CAB ASSEMBLY			DATE: 12-JUL-83			I/O CAB ASSEMBLY					
			CA100,01						DATE: 12-JUL-83			DOCUMENT NUMBER					
			[B]			DES.ENG: R. SCOTT			DATE: 12-JUL-83			SIZE CODE NUMBER					
			[C]						DATE: 12-JUL-83			REV					
			[D]			RESP.ENG.: R. SCOTT			DATE: 12-JUL-83			K PL 7020325-0-DBP A					
			[E]						DATE: 12-JUL-83			RELEASE DATE:					
			[F]			MFG.ENG.: S. ALMEIDA			DATE: 12-JUL-83								
ASSEMBLY NUMBER:						TOP DOCUMENT NUMBER:						FILE NAME:					
E-AD-7020325-0-0						B-DD-7020325-0-0						Z7430A.PLS					
												EDIT #					
												19					

"THIS DRAWING AND THE SPECIFICATIONS CONTAINED HEREIN ARE CONFIDENTIAL AND PROPRIETARY. THEY 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. THIS IS AN UNPUBLISHED WORK PROTECTED UNDER THE FEDERAL COPYRIGHT LAWS."

MRD

AUTOMATED BY PRTLST.5R(52)

PARTS LIST

SHEET A2 OF A3

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VARIATION	
						00 A1	01 A1
29	29	D-UA-M8577-0-0	M8577-00		ADDRESS + TIME MF20	2	0
30	30	D-UA-M8579-0-0	M8579-00		MF20	8	0
31	31	J-IA-7020312-0-0	7020312-00		POWER HARNESS, H761	1	1
32	32	J-IA-7020316-0-0	7020316-00		I/O DC HARNESS	1	1
33	33	J-IA-7020319-0-0	7020319-00		I/O FAULT SWITCH HARNESS	1	1
34	34	J-IA-7020377-0-0	7020377-00		HARNESS, DOOR SWITCH	1	0
35	35	J-IA-7015447-0-0	7015447-00		HARNESS VANE SWITCH	1	0
36	36	D-IA-7020498-0-0	7020498-00		HARNESS, I/O BLOWER AC	1	1
37	37	D-IA-7010877-0-0	7010877-00		HARNESS AC WIRING NO. 3	2	2
38	38	D-IA-7010805-0-0	7010805-00		A/C WIRING HARNESS ASSY 1	1	1
39	39		1700101-00	A	CABLE, COAX, ASSY, 1 FT W/CONN	4	0
40	40	D-MD-7020714-0-0	7020714-01		HARNESS, I/O AC FAN	1	0
41	41	D-AD-5412855-0-0	5412855-00		XBUS TERMINATOR	4	0
42	42		9007017-00	A	GROMMET, ROUND RUBBER	2	0
43	43		9007867-00		MOUNT, PUSH, CABLE TIE	A/R	A/R
44	44	D-MD-7429395-0-DBU	7429395-01		COVER, QUICK LATCH	1	1
45	45		9008264-00	A	MOUNT, CABLE TIE, ADHESIVE BACKE	A/R	A/R
46	46		9007880-00		TIE, CABLE BUNDL DIA 0-1.14"=101	A/R	A/R
47	47		9007032-00		TIE, CABLE BUNDL DIA 0-1-3/4"=101	A/R	A/R
48	48		9009617-00	A	TIE, CABLE BUNDL DIA 0-3"TYPE=101	A/R	A/R
49	49		9007036-00	B	GROMMET, CATERPILLAR POLYAMIDE	A/R	A/R
50	50		9007594-00	A	ADHESIVE, NEOPRENE	A/R	A/R
51	51		3613272-00	B	LABEL, ADH BACK, MYLAR CAP	11	11
52	52		9007080-00	A	CLAMP, CABLE, SCREW MTD. 3/16"	4	4
53	53		1219534-01		SCREW, CAPTV SLOT 4-	12	12
54	54	B-UA-00915-0-0	00915-03		JUMPER CORD	3	0
55	55	J-IA-7020317-0-0	7020317-00		MF20 DC PWR HARNESS TOP	1	0
56	56	J-IA-7020378-0-0	7020378-00		MF20 DC POWER HARNESS BOTTOM	1	0
57	57	C-IA-7429334-0-DBU	7429334-01	A	PANEL, BLANK, I/O	2	2
58	58	B-IA-7426516-0-0	7426516-01	A	BRACKET, GROUND	1	1
59	59	E-UA-H744-0-0	0H744-00		POWER REGULATOR	11	11
60	60	E-UA-H745-0-0	0H745-00		POWER REGULATOR	1	1
61	61	D-UA-H770-0-0	0H770-00		+15V 10A REGULATOR FOR H742	1	1
62	62	D-IA-7429396-0-DBU	7429396-01	A	PANEL, I.O. CONNECTOR	3	3
63	63	D-AD-7009861-0-0	7009861-00	A	RECEPT HOUSING ASSY-RP04	11	11
64	64		9006024-03	A	SCREW, MACH TRUSS PHIL 6-	8	8
65	65	C-MD-7428177-0-DBU	7428177-01	A	SHIELD, RECEPTACLE	8	8
66	66	C-IA-7429497-0-0	7429497-01	A	PLATE, NUT	2	2
67	67		9009228-10	A	SCREW, SEMS PAN PHIL 10-	30	30
68	68	C-IA-7429333-0-DBU	7429333-01	A	CLAMP, MASSBUS STRAIN RELIEF	8	8
69	69		9006688-00	A	WASHER, HELICAL SPLIT SST	44	44
70	70		9009110-00	A	TERM, TAB .365TAB 2POS	18	18
71	71	D-AD-7018288-0-0	7018288-01		ASSY, DC VOLTAGE MONITOR I/O NO.	1	1
72	72		1700100-00	A	CABLE, COAX, ASSY W/CONN	2	0
73	73		9107673-06	H	PWR CORD, TERM 3-14 SJT 115	2	0
74	74	C-IA-7008288-0-0	7008288-8F		CABLE ASSY PDP-11	1	0

D	I	G	I	T	A	L	TITLE	I/O CAB ASSEMBLY	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	7020325-0-DBP	A

MRO

AUTOMATED BY PRTLST.5R(52)

PARTS LIST

SHEET A3 OF A3

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VARIATION	
						00	01
						A1	A1
75	75	D-IA-7413405-0-0	7413405-00	A	PANEL FILTER H7420	2	2
76	76		1220105-01	A	GASKET,EMI .25"OD	40	40
77	77		1221535-01	A	CLIP,NYLON FOR RF GASKET	82	82
78	78	C-IA-7419820-0-0	7419820-00	A	CABLE CLAMPS	1	0
79	79		3615087-02		LABEL,"DANGER-HIGH CURRENT"	2	0
80	80	A-DC-7420961-0-0	7420961-00		DECAL BACKPLANE	4	0
81	81		3622344-01		LABEL,I/O MODULE UTILIZATION	1	1
82	82	A-DC-7409873-0-0	7409873-01		PWR CONN DECAL WHITE ON CLEAR	1	1
83	83		9008203-00	A	NUT,HEX EXT TOOTH LCKWSHR 1/4-20	2	2
84	84		9007033-00		TIE,CABLE BUNDL.DIA 0-1-3/4"=101	A/R	A/R
85	85	C-IA-7013059-0-0	7013059-04		GROUND STRAP	2	2
86	86		3622337-01		LABEL,I/O BULKHEAD SET	1	1
87	87		9008274-00	B	FOAM, TAPE 3/8" X 3/8" BLACK	A/R	0
88	88		9006633-00	A	WASHER,LOCK INTERNAL STEEL	8	8

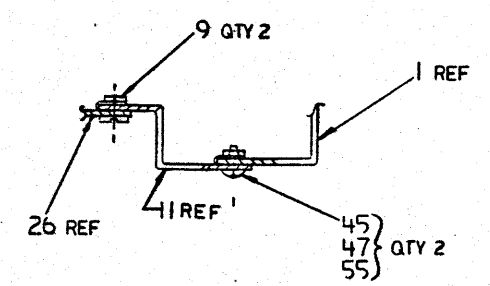
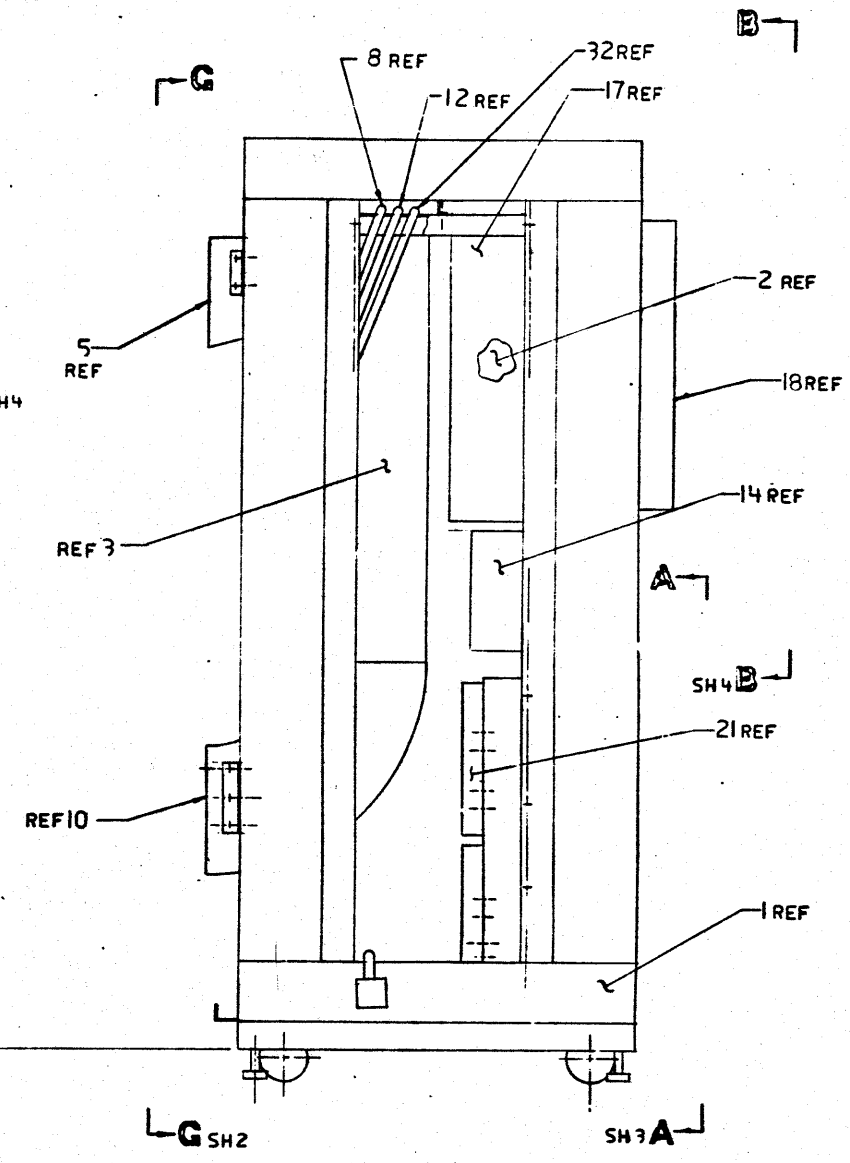
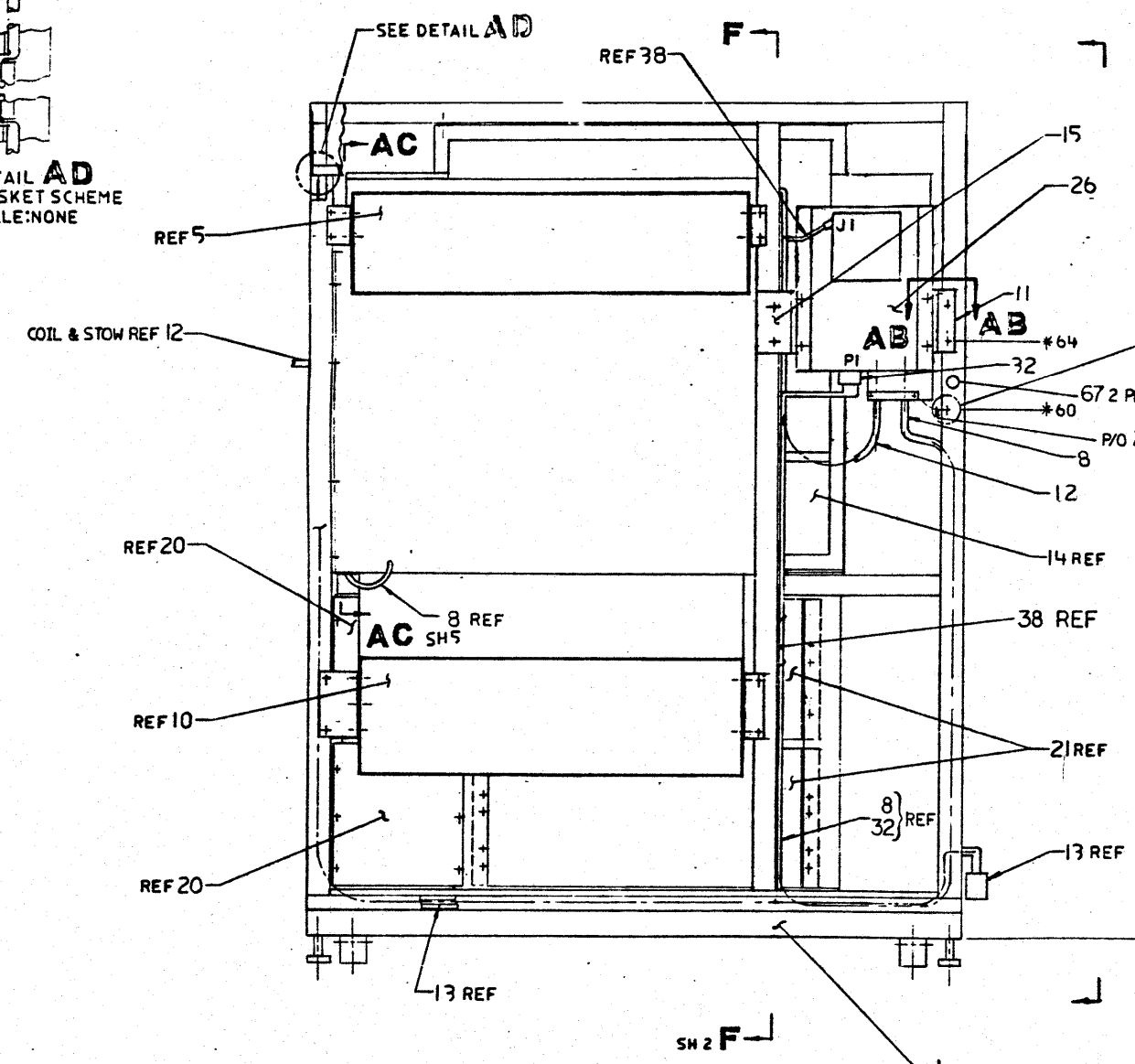
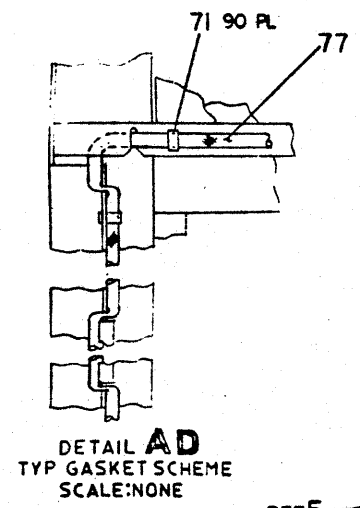
DIGITAL	TITLE	I/O CAB ASSEMBLY	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
				K	PL	7020325-0-DBP	A

MRO

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 THIS WITHOUT WRITTEN PERMISSION
COPYRIGHT © 1974 DIGITAL EQUIPMENT CORPORATION

LEGEND		
PART NO.	VARIATION	REV.
7020326-00	AS SHOWN (60HZ W/MEM)	AI
7020326-01	SAME AS-00 MINUS MEMORY PARTS	AI

NOTES:
1. BOTTOM HOLE IS HOLE Ø. ALL HOLE NUMBERS ARE DESIGNATED BY #.

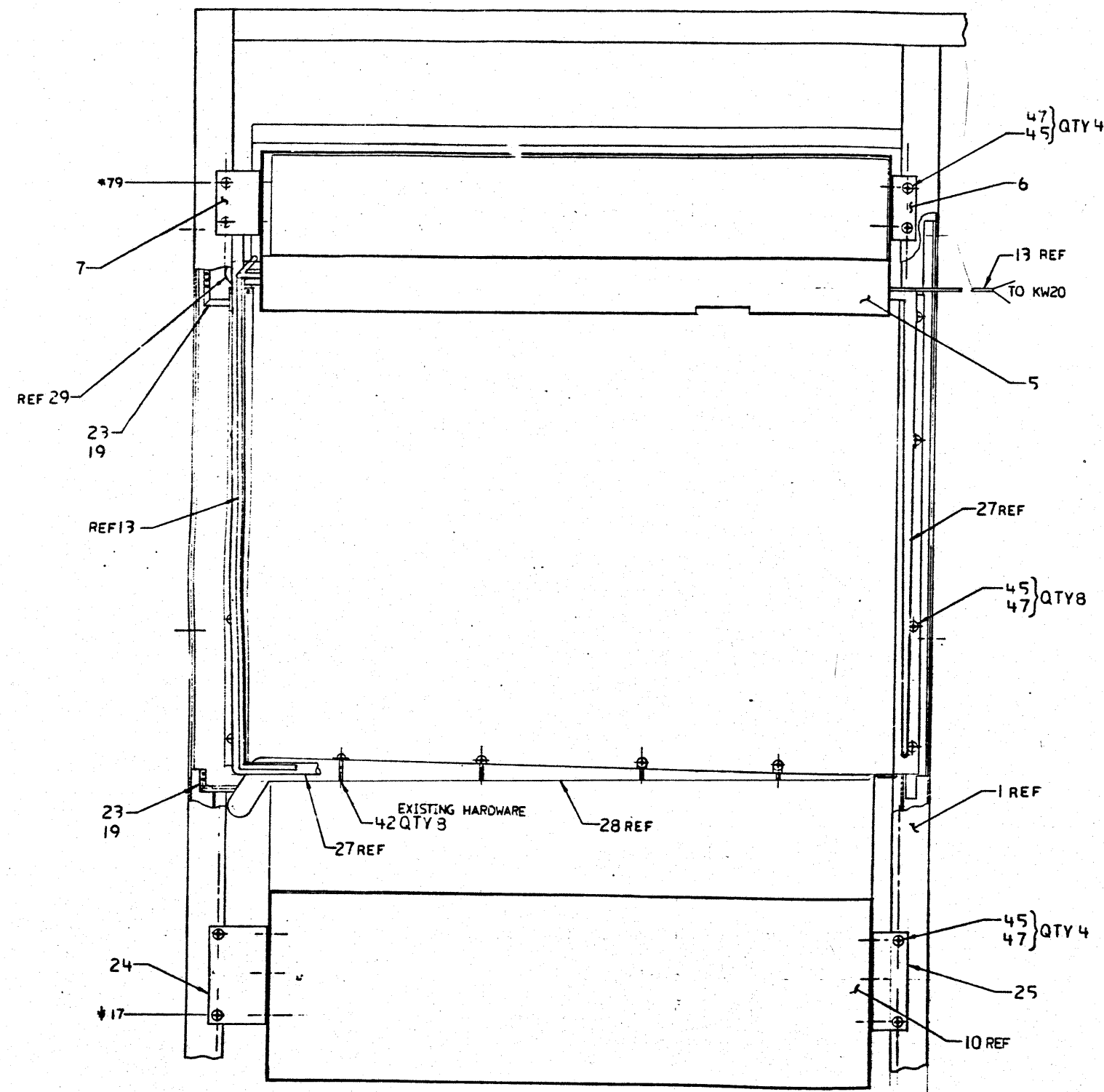


SECT AB-AB 2 PL
SCALE: 1/1
NOTE: REMOVE EXISTING BRACKETS FROM KW20 & REPLACE

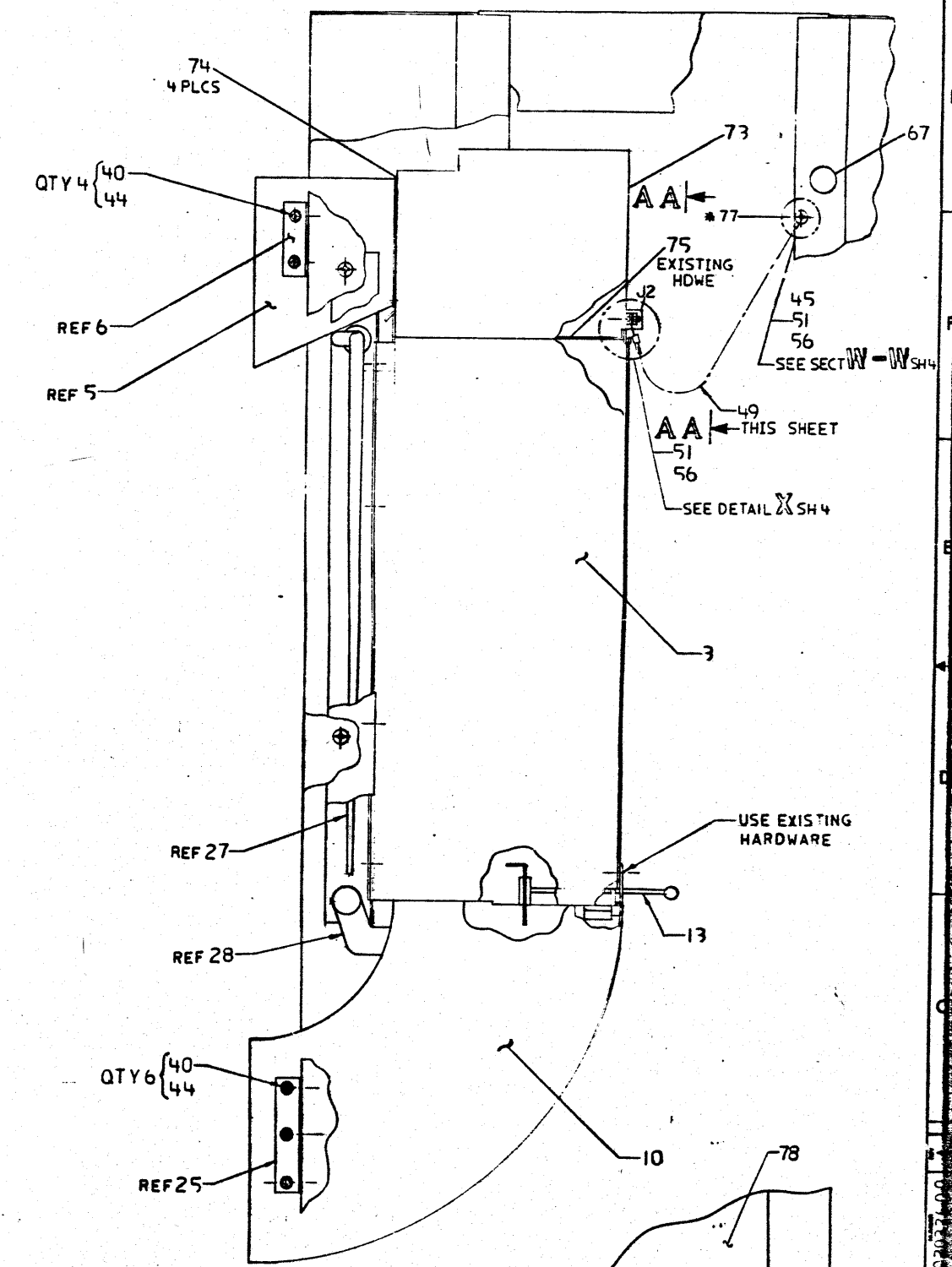
CAUTION: OFF SHEET PARTS LIST EXIST
SEE K-PL-7020326-0-DBP

DESCRIPTION		DRAWING NO.		PART NO.		ITEM NO.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND THE FOLLOWING TOLERANCES APPLY (PER DEC STD 114)							
QUANTITY & VARIATION	TOLERANCES	ANGLES ± 0° 30'	SURFACE QUALITY	DIMENSIONAL RANGE IN INCHES			
				OVER 0.005	OVER 0.005	OVER 0.005	OVER 0.005
THIRD ANGLE PROJECTION	DATE 8/27/92	DATE 8/27/92	DATE 8/27/92	DATE 8/27/92	DATE 8/27/92	DATE 8/27/92	DATE 8/27/92
DO NOT SCALE DRAWING	DATE 8/27/92	DATE 8/27/92	DATE 8/27/92	DATE 8/27/92	DATE 8/27/92	DATE 8/27/92	DATE 8/27/92
REMOVE BURRS AND BREAK SHARP CORNERS	DATE 8/27/92	DATE 8/27/92	DATE 8/27/92	DATE 8/27/92	DATE 8/27/92	DATE 8/27/92	DATE 8/27/92
MATERIAL	DATE 8/27/92	DATE 8/27/92	DATE 8/27/92	DATE 8/27/92	DATE 8/27/92	DATE 8/27/92	DATE 8/27/92
FINISH	DATE 8/27/92	DATE 8/27/92	DATE 8/27/92	DATE 8/27/92	DATE 8/27/92	DATE 8/27/92	DATE 8/27/92
CPU ASSY				DOCUMENT NUMBER			
AD7020326-0-0				SCALE 1/1			

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



VIEW G-G SH 1
SCALE: 1/2



VIEW F-F SH 1
SCALE: 1/2

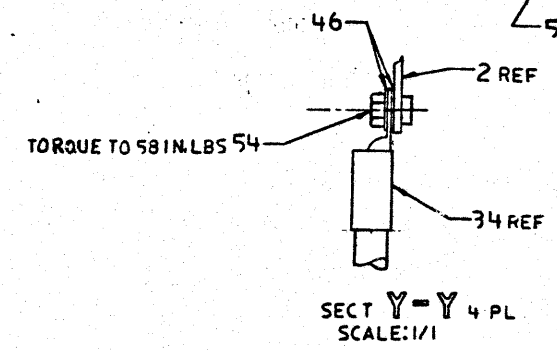
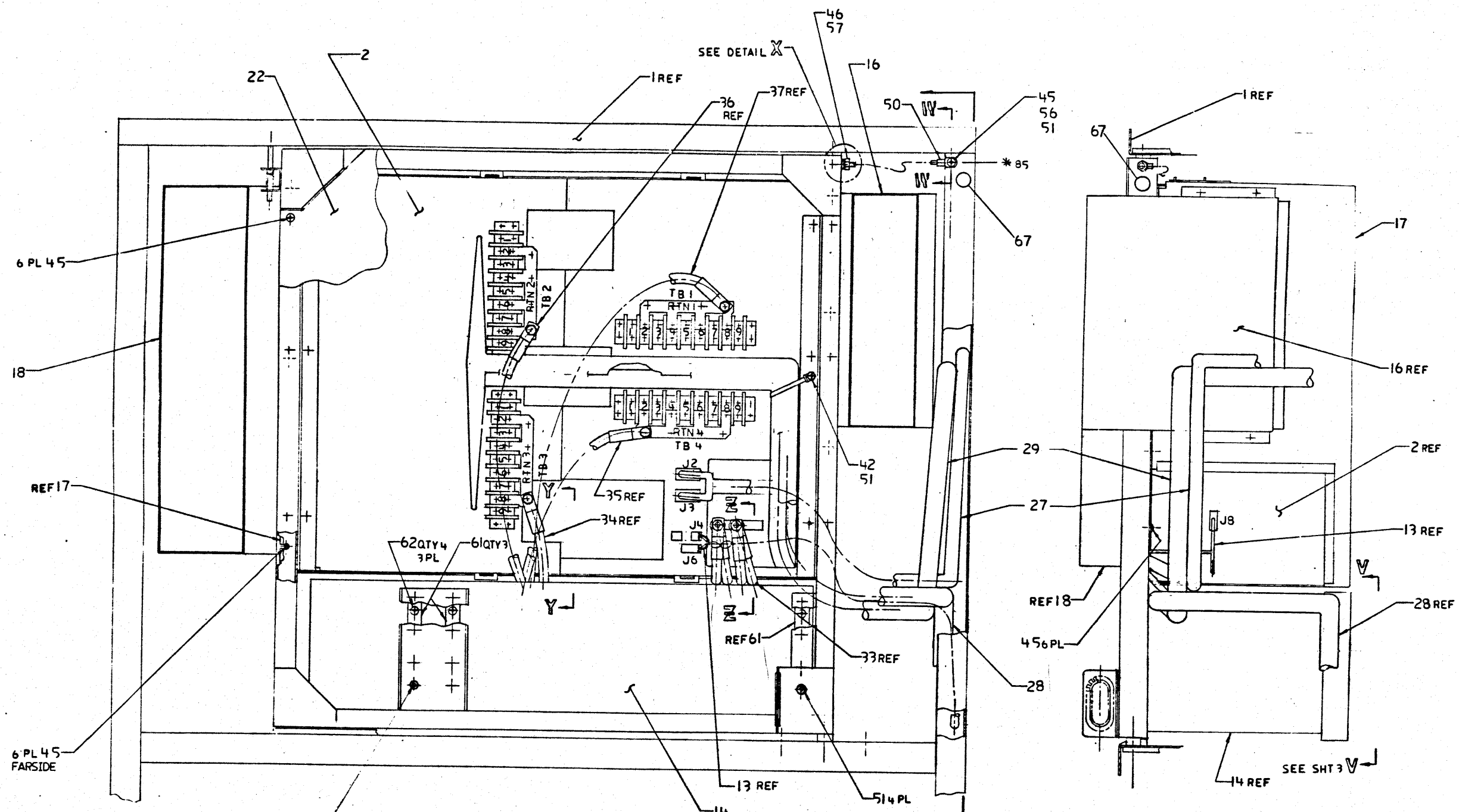
VIEW AA-AA

REVISION HISTORY		
DATE	ECO NUMBER	REV

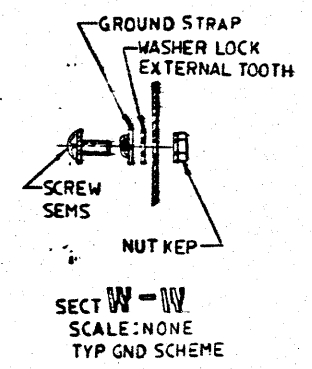
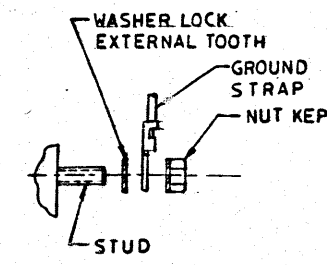
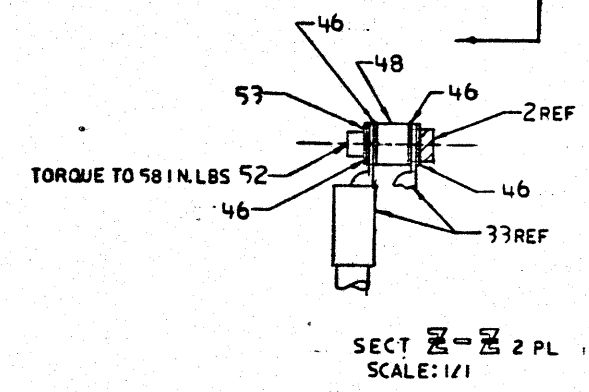
TITLE
CPU ASSY

DOCUMENT NUMBER
EAD 7020326-00 A

THIS DRAWING AND SPECIFICATIONS HEREON ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION
COPYRIGHT © 1964 DIGITAL EQUIPMENT CORPORATION

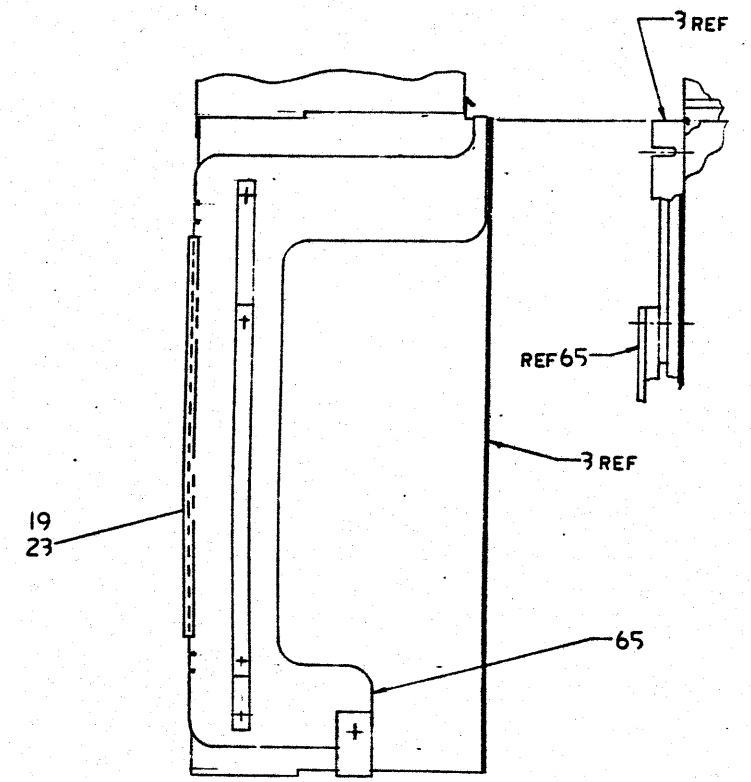


VIEW B-B SH 1
SCALE: 1/2

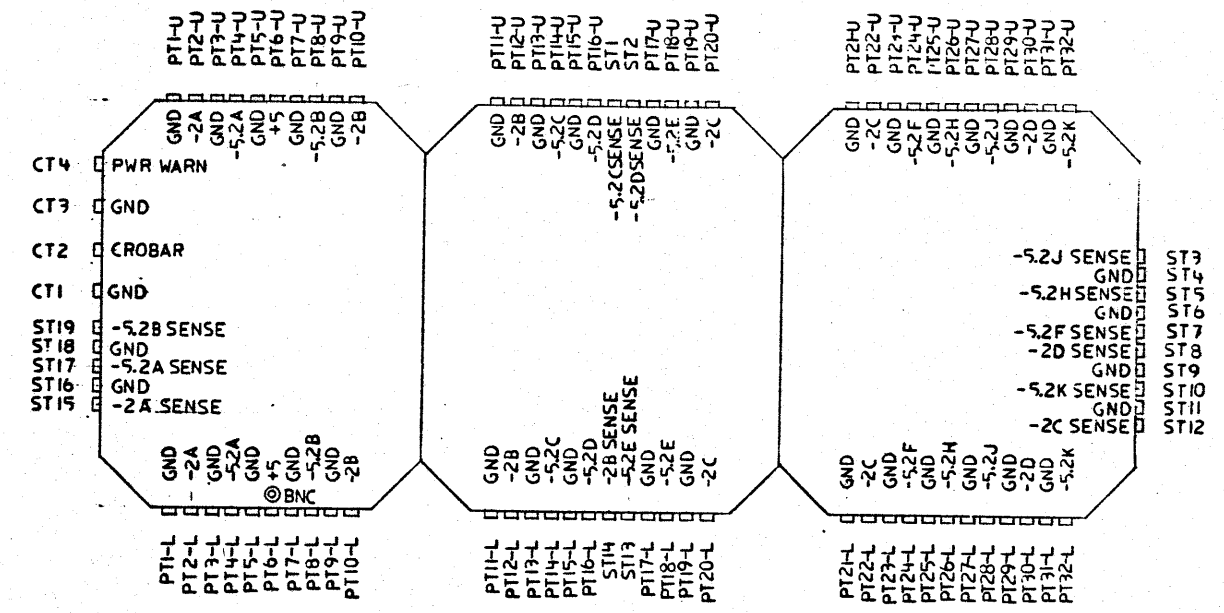


REVISION HISTORY		
DATE	ECO NUMBER	REV

THIS DRAWING AND SPECIFICATIONS HEREBY ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED IN ANY MANNER OR IN PART TO THE BASIS FOR THE MANUFACTURE OR SALE OF THIS WITHOUT WRITTEN PERMISSION.
COPYRIGHT © DIGITAL EQUIPMENT CORPORATION

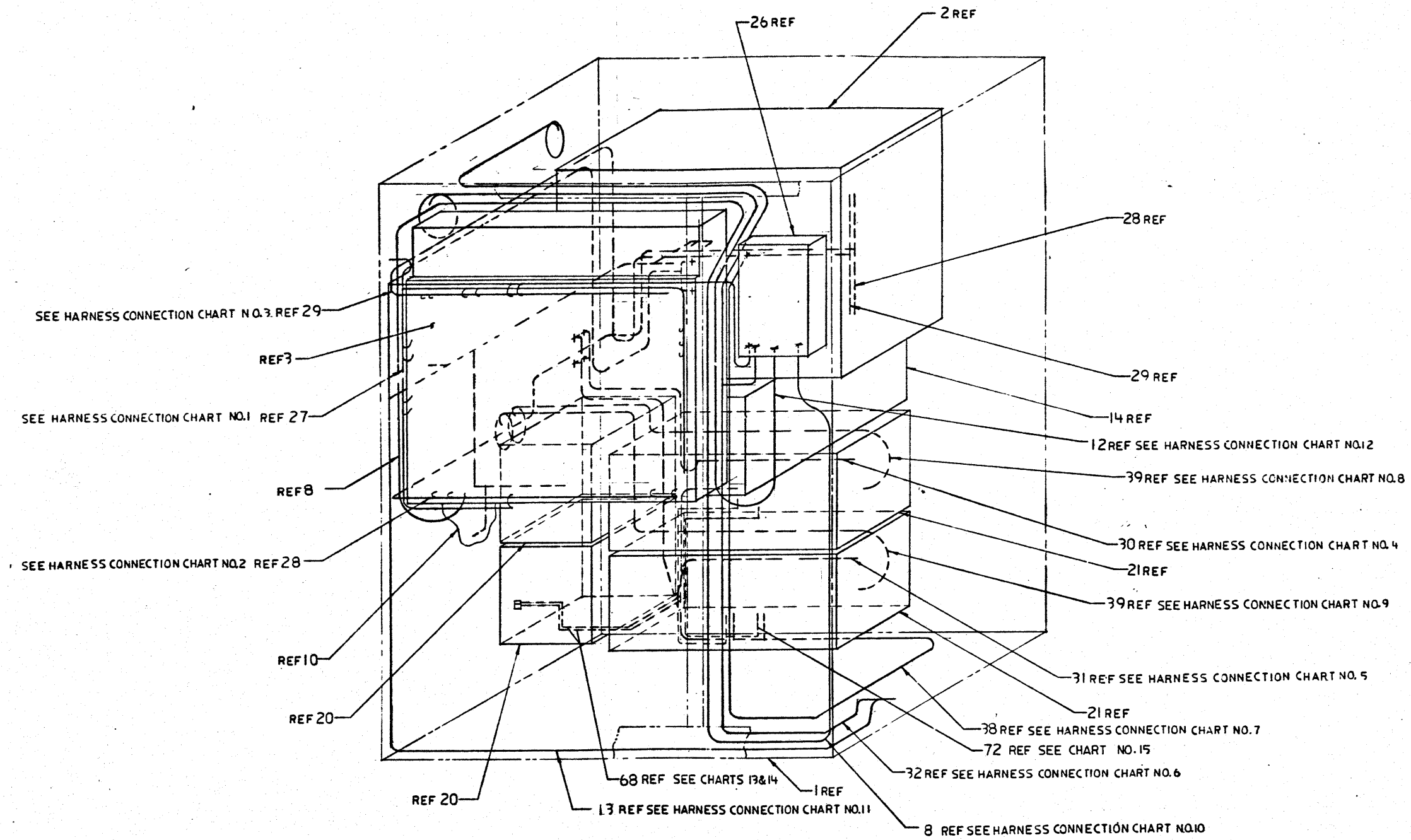


SECTION AC-AC SH1



CPU BACKPLANE POWER TAB DESIGNATOR

REVISION HISTORY		
DATE	ECO NUMBER	REV



FRONT VIEW
SCALE:NONE

REVISION HISTORY		
DATE	ECO NUMBER	REV

CPU ASSY

DOCUMENT NUMBER	
EAD	7020326-0-0
REV	A

HARNESS CONNECTION CHART NO. 1				
ITEM NO.	HARNESS TERM		CONNECTION	WITH
	POINT	CONNECTION		
27	+	P2	H761-A/J2	—
	—	P3	H761-A/J3	—
	27	—	CPU/ST11	—
	28	—	12	—
	29	—	10	—
	30	—	11	—
	31	—	9	—
	32	—	8	—
	33	—	6	—
	34	—	7	—
	35	—	5	—
	36	—	4	—
	37	—	3	—
	38	—	4	—
	39	—	CPU/ST2	—
	40	—	CPU/PT17-U	—
	41	—	CPU/ST1	—
	42	—	CPU/PT15-U	—
	43	—	CPU/ST19	—
	44	—	18	—
	45	—	17	—
	46	—	16	—
	47	—	15	—
	48	—	16	—
	49	—	CPU/ST14	—
	50	—	CPU/PT15-L	—
	51	—	CPU/ST13	—
27	52	—	CPU/PT17-L	—

HARNESS CONNECTION CHART NO. 2				
ITEM NO.	HARNESS TERM		CONNECTION	WITH
	POINT	CONNECTION		
28	1	—	H761-A/TB3-8	—
	2	—	TB2-1	—
	3	—	2	—
	4	—	3	—
	5	—	4	—
	6	—	5	—
	7	—	6	—
	8	—	7	—
	9	—	TB2-8	—
	10	—	TB1-1	—
	11	—	H761-A/TB1-2	—
	12	—	CPU/PT1-L	—
	13	—	2-L	—
	14	—	3-L	—
	15	—	4-L	—
	16	—	7-L	—
	17	—	8-L	—
	18	—	9-L	—
	19	—	9-L	—
	20	—	10-L	—
	21	—	10-L	—
	22	—	11-L	—
	23	—	12-L	—
	24	—	13-L	—
	25	—	14-L	—
	26	—	15-L	—
	27	—	16-L	—
	28	—	17-L	—
	29	—	18-L	—
	30	—	19-L	—
	31	—	19-L	—
	32	—	20-L	—
	33	—	20-L	—
	34	—	21-L	—
	35	—	22-L	—
	36	—	23-L	—
	37	—	24-L	—
	38	—	25-L	—
	39	—	26-L	—
	40	—	27-L	—
	41	—	28-L	—
	42	—	29-L	—
	43	—	30-L	—
	44	—	31-L	—
	45	—	CPU/PT32-L	—
	46	—	H761-A/TB4-8	—
	47	—	7	—
	48	—	6	—
	49	—	5	—
	50	—	4	—
	51	—	3	—
	52	—	2	—
	53	—	TB4-1	—
	54	—	TB3-1	—
	55	—	2	—
	56	—	3	—
	57	—	4	—
	58	—	5	—
	59	—	6	—
28	60	—	H761-A/TB3-7	—

HARNESS CONNECTION CHART NO. 3				
ITEM NO.	HARNESS TERM		CONNECTION	WITH
	POINT	CONNECTION		
29	1	—	H761-A/TB3-8	—
	2	—	TB2-1	—
	3	—	2	—
	4	—	3	—
	5	—	4	—
	6	—	5	—
	7	—	6	—
	8	—	7	—
	9	—	TB2-8	—
	10	—	TB1-1	—
	11	—	H761-A/TB1-2	—
	12	—	CPU/PT1-U	—
	13	—	2	—
	14	—	3	—
	15	—	4	—
	16	—	7	—
	17	—	8	—
	18	—	9	—
	19	—	9	—
	20	—	10	—
	21	—	10	—
	22	—	11	—
	23	—	12	—
	24	—	13	—
	25	—	14	—
	26	—	15	—
	27	—	16	—
	28	—	17	—
	29	—	18	—
	30	—	19	—
	31	—	19	—
	32	—	20	—
	33	—	20	—
	34	—	21	—
	35	—	22	—
	36	—	23	—
	37	—	24	—
	38	—	25	—
	39	—	26	—
	40	—	27	—
	41	—	28	—
	42	—	29	—
	43	—	30	—
	44	—	31	—
	45	—	CPU/PT32-U	—
	46	—	H761-A/TB4-8	—
	47	—	7	—
	48	—	6	—
	49	—	5	—
	50	—	4	—
	51	—	3	—
	52	—	2	—
	53	—	TB4-1	—
	54	—	TB3-1	—
	55	—	2	—
	56	—	3	—
	57	—	4	—
	58	—	5	—
	59	—	6	—
29	60	—	H761-A/TB3-7	—

HARNESS CONNECTION CHART NO. 4				
ITEM NO.	HARNESS TERM		CONNECTION	WITH
	POINT	CONNECTION		
30	—	P1	NEXT HIGHER ASSY	—
	—	P3	NEXT HIGHER ASSY	—
	1	—	H7131-2/-2.0V(-)U	—
	56	—	-20V(+U)	—
	55	—	-20V(-)L	—
	54	—	-20V(+L)	—
	53	—	+5.0V(+U)	—
	52	—	+ (-)U	—
	51	—	+ (+)U	—
	50	—	+ (-)U	—
	49	—	+ (+)L	—
	48	—	+ (-)L	—
	47	—	+ (+)L	—
	46	—	+5.0V(-)L	—
	45	—	+12.0V(+U)	—
	44	—	+ (-)U	—
	43	—	+ (+)U	—
	42	—	+ (-)U	—
	41	—	+ (+)L	—
	40	—	+ (-)L	—
	39	—	+ (+)L	—
	38	—	+12.0V(-)L	—
	37	—	-5.2V (-)U	—
	36	—	- (+)U	—
	35	—	- (-)U	—
	34	—	- (+)U	—
	33	—	- (-)L	—
	32	—	- (+)L	—
	31	—	- (-)L	—
30	30	—	H7131-2/-5.2V (+)L	—

HARNESS CONNECTION CHART NO.5				
ITEM NO.	HARNESS TERM		CONNECTION	WITH
	POINT	CONNECTION		
31	—	P2	NEXT HIGHER ASSY(KLIO-R)	—
—	—	P4	NEXT HIGHER ASSY(KLIO-R)	—
—	—	—	H7131*1/-20V (-)U	—
55	—	—	(+)U	—
55	—	—	(-)L	—
54	—	—	-20V (+)L	—
53	—	—	+5.0V (+)U	—
52	—	—	(-)U	—
51	—	—	(+)U	—
50	—	—	(-)U	—
49	—	—	(+)L	—
48	—	—	(-)L	—
47	—	—	(+)L	—
46	—	—	+5.0V (-)L	—
45	—	—	+12.0V (+)U	—
44	—	—	(-)U	—
43	—	—	(+)U	—
42	—	—	(-)U	—
41	—	—	(+)L	—
40	—	—	(-)L	—
39	—	—	(+)L	—
38	—	—	+12.0V (-)L	—
37	—	—	-5.2V (-)U	—
36	—	—	(+)U	—
35	—	—	(-)U	—
34	—	—	(+)U	—
33	—	—	(-)L	—
32	—	—	(+)L	—
31	—	—	(-)L	—
31	30	—	H7131*1/-52 V (+)L	—

HARNESS CONNECTION CHART NO.6				
ITEM NO.	HARNESS TERM		CONNECTION	WITH
	POINT	CONNECTION		
32	—	P8	KW20/J8	—
32	—	P10	NEXT HIGHER ASSY(KLIO-R)	—
32	1	—	ITEM 13 P6-7	—
32	12	—	ITEM 13 P6-8	—

HARNESS CONNECTION CHART NO.7				
ITEM NO.	HARNESS TERM		CONNECTION	WITH
	POINT	CONNECTION		
38	—	J1	KW20/F1-1	—
—	—	J2	KW20/F1-2	—
—	—	P9	NEXT HIGHER ASSY(KLIO-R)	—
3	—	—	H7131*1/TB2-1	—
4	—	—	#1/TB2-2	—
5	—	—	#1/TB2-3	—
6	—	—	#1/TB2-4	—
7	—	—	#1/TB1-LINE	—
8	—	—	#1/TB1-NEUT	—
9	—	—	#2/TB2-1	—
10	—	—	#2/TB2-2	—
11	—	—	#2/TB2-3	—
38	12	—	H7131*2/TB2-4	—

HARNESS CONNECTION CHART NO.10				
ITEM NO.	HARNESS TERM		CONNECTION	WITH
	POINT	CONNECTION		
8	—	—	KW20/J6	—
—	—	—	ITEM 3/COAXCONN(BNC)	—

HARNESS CONNECTION CHART NO.8				
ITEM NO.	HARNESS TERM		CONNECTION	WITH
	POINT	CONNECTION		
39	—	P1	H7131*2/J1	—
—	—	J11	NEXT HIGHER ASSY(KLIO-R)	—
23	—	—	H7131*2/TB6-3	—
24	—	—	TB6-2	—
25	—	—	TB5-2	—
26	—	—	TB5-3	—
27	—	—	TB4-2	—
28	—	—	TB4-3	—
29	—	—	TB3-3	—
39	30	—	H7131*2/TB3-2	—

HARNESS CONNECTION CHART NO.9				
ITEM NO.	HARNESS TERM		CONNECTION	WITH
	POINT	CONNECTION		
39	—	P1	H7131*1/J1	—
—	—	J11	NEXT HIGHER ASSY(KLIO-R)	—
23	—	—	H7131*1/TB6-3	—
24	—	—	TB6-2	—
25	—	—	TB5-2	—
26	—	—	TB5-3	—
27	—	—	TB4-2	—
28	—	—	TB4-3	—
29	—	—	TB3-3	—
39	30	—	H7131*1/TB3-2	—

HARNESS CONNECTION CHART NO.11				
ITEM NO.	HARNESS TERM		CONNECTION	WITH
	POINT	CONNECTION		
13	—	P6	FOR EXPANSION(MF20F)	—
—	—	J16	NEXT HIGHER ASSY(KLIO-R)	—
—	—	J17	NEXT HIGHER ASSY(KLIO-R)	—
—	—	J1	CPU DOOR SWITCH	—
—	—	P1	CPU VANE SWITCH(J1)	—
—	—	P8	H761-A/J8	—
3	—	—	H761-A/J4-2	—
4	—	—	H761-A/J6-4	—
41	—	—	ITEM #32/P8-1	—
42	—	—	ITEM #32/P8-2	—
43	—	—	CPU/PT5-U	—
44	—	—	PT6-U	—
45	—	—	CT4	—
46	—	—	CT3	—
47	—	—	CT2	—
48	—	—	CT2	—
49	—	—	CT1	—
50	—	—	CT1	—
51	—	—	PT6-L	—
13	52	—	CPU/PT5-L	—

HARNESS CONNECTION CHART NO.12				
ITEM NO.	HARNESS TERM		CONNECTION	WITH
	POINT	CONNECTION		
12	—	J2	KW20/J10	—
—	—	J1	NEXT HIGHER ASSY(KLIO-R)	—

HARNESS CONNECTION CHART NO.13				
ITEM NO.	HARNESS TERM		CONNECTION	WITH
	POINT	CONNECTION		
68	—	BROWN	H7131*1/TB1-LINE	—
—	—	BLUE	H7131*1/TB1-NEU	—
—	—	GRN/YEL	H7131*1/TB1-GND	—

HARNESS CONNECTION CHART NO.14				
ITEM NO.	HARNESS TERM		CONNECTION	WITH
	POINT	CONNECTION		
68	—	BROWN	H7131*2/TB2-LINE	—
—	—	BLUE	H7131*2/TB2-NEU	—
—	—	GRN/YEL	H7131*2/TB2-GND	—

HARNESS CONNECTION CHART NO.15				
ITEM NO.	HARNESS TERM		CONNECTION	WITH
	POINT	CONNECTION		
72	—	—	H7131*1/J3	—
—	—	—	H7131*2/J2	—

LINE	ITEM	TOP DOCUMENT	PART NUMBER	REV	DESCRIPTION	QTY PER VARIATION	
						00	01
						A	A
1	1	E-AD-7020324-0-DBU	7020324-01	A	CABINET ASSY, CPU	1	1
2	2	E-UA-H761-0-0	0H761-A	A	H761 WITHOUT COVER	1	1
3	3	E-AD-7020380-0-0	7020380-00	A	CPU LOGIC ASSY, (KL10-PV)	1	1
4	4		9008264-00	A	MOUNT, CABLE TIE, ADHESIVE BACKE	A/R	A/R
5	5	E-IA-7426485-0-0	7426485-01	A	DUCT, LOGIC, CPU CAB TOP	1	1
6	6	C-MD-7426449-0-0	7426449-01	A	CLIP, DUCT, RIGHT HAND	1	1
7	7	C-MD-7426448-0-0	7426448-01	A	CLIP, DUCT, LEFT HAND	1	1
8	8		1700100-00	A	CABLE, COAX, ASSY W/CONN	1	-
9	9		9010434-01	A	RECEPTACLE, CLIP-ON STEEL	4	-
10	10	E-DA-7426492-0-0	7426492-01	A	DUCT, WELDMENT, CPU LOGIC	1	1
11	11	D-MD-7426465-0-0	7426465-02	A	BRACKET, MASTER OSCILLATOR	1	-
12	12	D-IA-7015524-0-0	7015524-8F	A	CABLE CLOCK SELECT	1	-
13	13	E-IA-7020320-0-0	7020320-00	A	CPU FAULT HARNESS	1	1
14	14	E-AD-7009878-0-0	7009878-00		CAPACITOR BOX ASSY (KL10)	1	1
15	15	D-MD-7426465-0-0	7426465-01	A	BRACKET, MASTER OSCILLATOR	1	-
16	16	E-DA-7426488-0-0	7426488-01	A	DUCT, REG. P.S. RIGHT HAND	1	1
17	17	E-DA-7426486-0-0	7426486-01	A	COVER, PROTECTIVE, REG. P.S.	1	1
18	18	E-DA-7426487-0-0	7426487-01	A	DUCT, REG. P.S. LEFT HAND	1	1
19	19		9007594-00	A	ADHESIVE, NEUPRENE	A/R	A/R
20	20	E-AD-7015075-0-0	7015075-00	A	BATTERY BOX ASSY	2	-
21	21		3014903-00	A	POWER SUPPLY, MULTIPLE OUTPUT	2	-
22	22	D-MD-7426464-0-0	7426464-01	A	PLATE, PROTECTION	1	1
23	23		9007036-00	A	GROMMET, CATERPILLAR POLYAMIDE	A/R	A/R
24	24	C-MD-7426494-0-0	7426494-01	A	CLIP, L.H. DUCT CPU LOGIC	1	1
25	25	C-MD-7426493-0-0	7426493-01	A	CLIP, R.H. DUCT CPU LOGIC	1	1
26	26	D-UA-KW20-0-0	OKW20-A	A	OSCILLATOR ASSY MASTER 60HZ	1	-
27	27	E-IA-7020713-0-0	7020713-01		HARNESS, CPU SENSE	1	1
28	28	J-IA-7020313-0-0	7020313-00	A	HARNESS, CPU DC POWER LOWER	1	1

REVISION HISTORY			BASIC PART NO: 7020326			DRN: BILL FAULSTICH			DATE: 24-JUN-83			D I G I T A L		
ENG	ECD NUMBER	REV	SECTION A OF A			CHK'D:	J. HUSON	DATE:	24-JUN-83	TITLE PARTS LIST				
	INITIAL	A	SECTION VARIATION INDEX							CPU CABINET ASSEMBLY				
			CAJ00,01											
			[B]			DES.ENG:	ROGER SCOTT	DATE:	24-JUN-83	DOCUMENT NUMBER				
			[C]							SIZE	CODE	NUMBER	REV	
			[D]			RESP.ENG.:	ROGER SCOTT	DATE:	24-JUN-83	K	PL	7020326-0-DBP	A	
			[E]			MFG.ENG.:	SUE ALMEDIA	DATE:	24-JUN-83	RELEASE DATE:				
			[F]			ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME:	EDIT #			
						E-AD-7020326-0-0		B-DD-7020326-0-0		Z7835A.PLS	18			

"THIS DRAWING AND THE SPECIFICATIONS CONTAINED HEREIN ARE CONFIDENTIAL AND PROPRIETARY. THEY 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. THIS IS AN UNPUBLISHED WORK PROTECTED UNDER THE FEDERAL COPYRIGHT LAWS."

MRO

AUTOMATED BY PRTLST.5R(52)

PARTS LIST

SHEET A2 OF A03

LINE ITEM TOP DOCUMENT

PART NUMBER MIN REV DESCRIPTION

QTY PER VARIATION
00 01
A A

29	29	J-IA-7020311-0-0	7020311-00	A	HARNESS,CPU,DC POWER UPPER	1	1
30	30	J-IA-7020494-0-0	7020494-00	A	HARNESS DC POWER H7131 TOP	1	-
31	31	J-IA-7020495-0-0	7020495-00	A	HARNESS, DC POWER H7131 BOTTOM	1	-
32	32	E-IA-7020711-0-0	7020711-01		HARNESS, DC MASTER OSC	1	-
33	33	D-IA-7020717-0-0	7020717-0M		CABLE, CAP BOX POWER	4	4
34	34	D-IA-7020718-0-0	7020718-01		PWR CABLE CAP BOX	1	1
35	35	D-IA-7020718-0-0	7020718-1H		POWER CABLE, CAP BOX	1	1
36	36	D-IA-7020718-0-0	7020718-1K		POWER CABLE, CAP BOX	1	1
37	37	D-IA-7020718-0-0	7020718-2L		POWER CABLE, CAP BOX	1	1
38	38	J-IA-7020712-0-0	7020712-01		HARNESS, AC POWER CPU	1	-
39	39	J-IA-7020328-0-0	7020328-00	A	CABLE,MARGIN SENSE	2	-
40	40		9J06660-00	A	WASHER,FLAT SST	10	10
41	41		9009617-00	A	TIE,CABLE BUNDL.DIA 0-3"TYPE=101	A/R	A/R
42	42		9007033-00		TIE,CABLE BUNDL.DIA 0-1-3/4"=101	A/R	A/R
43	43		9007031-00	B	TIE,CABLE BUNDL.DIA 0- 3/4"=101	A/R	A/R
44	44		9006563-00	A	NUT,HEX EXT TOOTH LCKWSHR 8-32	10	10
45	45		9009700-00	A	SCREW,SEMS TRUSS PHIL 10-	74	36
46	46		9006724-00	A	WASHER,LOCK EXTERNAL STEEL	17	17
47	47		9007786-00	F	RETAINER,U-NUT 10-32X	20	16
48	48	B-MD-7411296-0-0	7411296-00	A	HEAT SINK SPACER (KL10)	2	2
49	49	C-IA-7013059-0-0	7013059-05		GROUND STRAP	2	1
50	50	C-IA-7013059-0-0	7013059-04		GROUND STRAP	1	1
51	51		9006565-00	C	NUT,HEX EXT TOOTH LCKWSHR 10-32	21	18
52	52		9006376-08	A	SCREW,CAP SOC HEX 1/4-	2	2
53	53		9008415-00	A	WASHER,FLAT SST	2	2
54	54		9006241-09	A	SCREW,MACH HEX PLN 1/4-	4	4
55	55		9006664-00	A	WASHER,FLAT SST	4	-
56	56		9007651-00	B	WASHER,LOCK EXTERNAL STEEL	10	3
57	57		9008203-00	A	NUT,HEX EXT TOOTH LCKWSHR 1/4-20	1	1
58	58	C-IA-7013059-0-0	7013059-01		GROUND STRIP	2	-
59	59	C-IA-7013059-0-0	7013059-06	A	GROUND STRIP	1	-
60	60		9007867-00		MOUNT, PUSH,CABLE TIE	A/R	-
61	61	C-IA-7414615-0-0	7414615-00		MOUNTING PLATE, CAPACITOR BOX	3	3
62	62		9006037-02	A	SCREW,MACH FLAT PHIL 8-	12	12
63	63		9006568-00	A	NUT,HEX EXT TOOTH LCKWSH 5/16-18	8	8
64	64		9006638-00	A	WASHER,LOCK INTERNAL STEEL	8	8
65	65	D-AD-7016447-0-0	7016447-00		STRAIN RELIEF ASSY	1	1
66	66		3616053-00	A	LABEL,DANGER HIGH VOLTAGE FOR TU	2	-
67	67		3613272-00	B	LABEL,ADH BACK,MYLAR CAP	13	4
68	68	D-IA-7021029-0-0	7021029-03		CABLE, POWER AC	2	-
69	69		9007083-00	A	CLAMP,CABLE,SCREW MTD. 3/8 "	A/R	A/R
70	70		9007032-00		TIE,CABLE BUNDL.DIA 0-1-3/4"=101	A/R	A/R
71	71		1221535-01	A	CLIP,NYLON FOR RF GASKET	90	90
72	72	C-IA-7008288-0-0	7008288-3F		CABLE ASSY	1	-
73	73		1213012-00	A	BLOWER,CENTRIFUGAL 550CFM 208V	1	1
74	74		9008274-00	B	FOAM, TAPE 3/8" X 3/8" BLACK	A/R	A/R

D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							CPU CABINET ASSEMBLY		K	PL	7020326-0-DBP	A

MR A

AUTOMATED BY PRTLST.5R(52)

PARTS LIST

SHEET A3 OF A03

LINE ITEM TOP DOCUMENT

PART NUMBER MIN REV DESCRIPTION

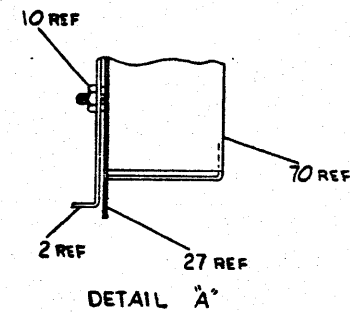
QTY PER VARIATION
00 01
A A

75	75	D-IA-7012343-0-0	7012343-00		SCREEN, DIFFUSER ASSY (C-P-U)	1	1
76	76	A-DC-7409873-0-0	7409873-01	A	PWR CONN DECAL WHITE ON CLEAR	1	1
77	77		1220105-01	A	GASKET,EMI .25"OD	40	40
78	78		3622343-01		LABEL,CPU MODULE UTILIZATION	1	1

D	I	G	I	T	A	L	TITLE	CPU CABINET ASSEMBLY	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	7020326-0-DBP	A

MRO

A



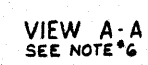
NOTES:

1. THIS ASSY HAS AN OFF SHEET PARTS LIST REFER TO A-PL-H740-0-0
2. TRANSFORMER ITEM*50 MUST BE ASSEMBLED (USING ITEM*10) 1123 TO MTG PLATE ITEM*3 PLACES (TYP FOR T1, T2 & T3) THEN ATTACH MTG PLATE TO CHASSIS WITH (4) ITEM*102 31 (TYP 3 PLACES)
3. DISENGAUGE 4 MTG FASTENERS ON DIODE HEAT SINK ITEM*28 REMOVE FROM FAN BRKT (PART OF HEAT SINK) ATTACH FAN BRKT WITH 4 ITEM*06 31 TO CHASSIS ITEM*1. REPLACE DIODE HEAT SINK WHEN ABOVE OPERATION IS COMPLETE
4. LABEL POINT DESIGNATIONS OF 2AWG CABLES (ITEM 37 10 43) WITH BRADY MARKERS.
5. INSTALL INSULATOR CAPS (PART OF ITEM 50R44) TO CAPACITORS AFTER LEAD CONNECTIONS.
 - a. LUG MAY GO ON EITHER SIDE OF TRANSFORMER OR DIODE TERMINALS.
7. ATTACH MOUNTS WITH ITEM 67 OR EQUIVALENT AND THE HARNESS (ITEM 20) TO CABLE TIE MOUNTS 3 PLACES.
8. TORQUE DOWN #2 AWG WIRE MTG. HARDWARE ON ITEMS 13 AND DIODE ASSY. TERMINALS 11 THRU 14 AND DIODE ASSY. DATA TERMINALS 1 THRU 4 AND 9 THRU 12 TO 236 IN.-LBS. (15 PLACES).

FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
KL10			PARTS LIST		
UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES TOLERANCES FRACTIONS DECIMALS ANGLES IN DEGREES SURF. FINISH HOLE DRILLING AND TAPING STANDARD		QTY.	DATE	EQUIPMENT CORPORATION 100 YEARS, 1000 BACUSSETTS	
SEE PARTS LIST		QTY.	DATE	TITLE	
NEXT HIGHER ASSY		QTY.	DATE	RAW POWER SUPPLY	
D-UR-KL10-0-0		QTY.	DATE	H760	
SCALE 1/2"		QTY.	DATE	SIZE CODE	NUMBER
PWB1		QTY.	DATE	ENJA	H760-0-0

NOTES:

1. INSTALL JUMPER (ITEM 51)
BETWEEN T1-2 & T1-3
T2-2 & T2-3
2. ON H760 B & D VAR. ONLY.
3. TORQUE TO 6 FOOT-LBS (72 INCH POUNDS)



FIRST USED ON OPTION/MODE		QTY.	DESCRIPTION	PART NO.	ITEM NO.
KL10			PARTS LIST		
UNLESS OTHERWISE SPECIFIED		 EQUIPMENT CORPORATION 1000 WILSON, LINDSEY RD. S.W. ALBUQUERQUE, N.M. 87102			
UNLESS OTHERWISE SPECIFIED					
DIMENSIONS IN INCHES					
REWORKABLE PARTS/TOOLS	APPROVED				
IN JUNE	DATE				
REWORK QUALITY	DATE				
REWORK QUALITY	DATE				
MATERIAL		TITLE			
SEE PARTS LIST		RAW POWER SUPPLY			
		H760			
NEXT HIGHER ASSY.		SHEET CODE			
D-U-W-KL10-C-0		NUMBER			
		REV.			
FORM		SCALE 1/1			
		D.U.W. H760-C-0			
		SHEET 2 OF 2			

AUTOMATED BY PRTLST.5R(55)

P A R T S L I S T

MR
SHEET A1 OF A3

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VARIATION				
						A	B	C	D	E
					VARIATION REVISION LEVEL:	-	-	-	-	-
1	1		7410892-00		CHASSIS POW SUPPLY-KL10	1	1	1	1	1
2	2		7009409-00		DIODE HEAT SINK ASSY (H760-A)	1	1	1	1	1
3	3		1611490-00		*** THIS ITEM IS NOT USED ***	-	-	-	-	-
4	4		7410893-00		PLATE MOUNT-KL10	3	3	3	3	3
5	5		1611491-00		XFMRF P=AB S=12DC @200A	3	-	3	-	3
6	6		7009410-01		PLATE MTG COMP ASSY 60HZ.	1	-	1	-	1
7	7		7410903-00		HINGE REWORK KL10	1	1	1	1	1
8	8		7410902-02		COVER ANGLE MTG KL10	1	1	1	1	1
9	9		7410902-01		COVER ANGLE MTG KL10	1	1	1	1	1
10	10		9008203-00		NUT,HEX EXT TOOTH LCKWSHR 1/4-20	22	22	22	22	22
11	11		9006057-02		SCREW,MACH FLAT PHIL 1/4-	6	6	6	6	6
12	12		9008196-00		FASTENER,1/4 TURN RECP	12	12	12	12	12
13	13		9009255-00		LABEL, POWER SUPPLY, 2-15/16 " L	1	1	1	1	1
14	14		9007031-00		TIE,CABLE BUNDL.DIA 0- 3/4"=101	12	12	12	12	12
15	15		9008185-00		NUT,HEX EXT TOOTH LCKWSHR 6-32	12	12	12	12	12
16	16		9007786-00		RETAINER,U-NUT 10-32X	16	16	16	16	16
17	17		9006072-01		SCREW,MACH PAN PHIL 10-	27	27	27	27	27
18	18		9006565-00		NUT,HEX EXT TOOTH LCKWSHR 10-32	11	11	11	11	11
19	19		9008922-09		SCREW,MACH HEX PLN 3/8-	19	19	19	19	19
20	20		7009744-00		HARNESS (H760-A)	1	1	1	1	1
21	21		1211514-00		TERM,RING .250STUD FLAG	12	12	12	12	12
22	22		9107764-66		WIRE, 02AWG(665/30)IPVC 600V1	A/R	A/R	A/R	A/R	A/R
23	23		7009772-00		SCREEN WELDMENT #2-KL10 (H760)	1	1	1	1	1
24	24		7411558-01		COVER PROTECT #3 (KL10)-7X14	1	1	1	1	1
25	25		9006639-00		WASHER,LOCK INTERNAL STEEL	19	19	19	19	19
26	26		7411586-00		PLATE PROTECTION KL10	1	1	1	1	1
27	27		7411558-02		COVER PROTECT #3 (KL10)-8X14	1	1	1	1	1
28	28		7009773-00		SCREEN WELDMENT #2 KL10 (H760)	1	1	1	1	1
29	29		7410898-00		COVER P.S. KL10	1	1	1	1	1
30	30		9006071-01		*** THIS ITEM IS NOT USED ***	-	-	-	-	-

REVISION HISTORY		BASIC PART NO: H760		DRN: V.SOOZA		DATE: 16-JAN-74		D I G I T A L	
ENG	ECO NUMBER	REV	SECTION A OF A	CHK'D: D.HEALY	DATE: 28-JAN-74	TITLE PARTS LIST			
	INITIAL	J	SECTION VARIATION INDEX			RAW POWER SUPPLY			
			CAJA , B , C , D , E						
			[B]	DES.ENG: J.DREW	DATE: 6-SEPT-74	DOCUMENT NUMBER			
			[C]			SIZE	CODE	NUMBER	REV
			[D]	RESP.ENG.: ROBAIN	DATE: 28-JAN-74	K	PL	H760-0-DBP	J
			[E]						
			[F]	MPG.ENG.: D.HEALY	DATE: 6-SEPT-74	RELEASE DATE: 06-MAR-84			
				ASSEMBLY NUMBER:	TOP DOCUMENT NUMBER:	FILE NAME:		EDIT #	
				IE-UA-H760-0-0BP	IE-UA-H760-0-0BP	Z6850J.PLS		8	
"THIS DRAWING AND THE SPECIFICATIONS CONTAINED HEREIN ARE CONFIDENTIAL AND PROPRIETARY. THEY 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. THIS IS AN UNPUBLISHED WORK PROTECTED UNDER THE FEDERAL COPYRIGHT LAWS."									

MAD

AUTOMATED BY PRTLST.5R(55)

PARTS LIST

SHEET A2 OF A3

LINE ITEM TOP DOCUMENT

PART NUMBER REV

DESCRIPTION

VARIATION REVISION LEVEL:

QTY PER VARIATION

A B C D E

31	31	9008415-00	WASHER,FLAT	SST	10	10	10	10	10
32	32	9006635-00	WASHER,LOCK	INTERNAL STEEL	21	21	21	21	21
33	33	9006593-00	NUT,HEX	3/8-16X .557AF SS/N	19	19	19	19	19
34	34	9007013-00	GROMMET,ROUND	RUBBER	1	1	1	1	1
35	35	1211198-03	STRAIN RELIEF FOR PWR CORD		1	1	1	1	1
36	36	7011036-00	POWER CORD [H760]		1	1	1	1	1
37	37	7010844-01	CABLE POWER NO.1 KL10 5FT		1	1	-	-	-
38	38	7010844-02	CABLE POWER NO.1 KL10 6FT		1	1	-	-	-
39	39	7010844-03	CABLE POWER NO.1 KL10 6FT-8INCH		1	1	-	-	-
40	40	7010845-01	CABLE POWER NO.2 KL10 4FT-4INCH		1	1	-	-	-
41	41	7010845-02	CABLE POWER NO.2 KL10 4FT-2INCH		1	1	-	-	-
42	42	7010845-03	CABLE POWER NO.2 KL10 4FT-11.75		1	1	-	-	-
43	43	7010845-04	CABLE POWER NO.2 KL10 4FT-3INCH		1	1	-	-	-
44	44	1611985-00	XFMRF P=8 S=-12DC2200A T		-	3	-	3	-
45	45	7413131-00	BRKT MTG NO 1 CAP H760		1	1	1	1	1
46	46	7010838-00	SUPPORT CAP WELDMENT H760		1	1	1	1	1
47	47	7009410-02	PLATE MTG COMP ASSY 50HZ		-	1	-	1	-
48	48	9007772-11	*** THIS ITEM IS NOT USED ***		-	-	-	-	-
49	49	9007032-00	TIE,CABLE BUNDL.DIA 0-1-3/4"=101		12	12	12	12	12
50	50	9006074-02	*** THIS ITEM IS NOT USED ***		-	-	-	-	-
51	51	9009002-00	TERM BLOCK JUMPER		-	2	-	2	-
52	52	9006653-00	WASHER,FLAT	STEEL	12	12	12	12	12
53	53	9006071-03	SCREW,MACH TRUSS PHIL	10-	4	4	4	4	4
54	54	9007857-00	GROMMET,ROUND	RUBBER	1	1	1	1	1
55	55	7413454-00	SUPPORT COVER		1	1	1	1	1
56	56	9009309-02	NUT,LOCK	1-11-1/2 S/T	1	1	1	1	1
57	57	9007651-00	WASHER,LOCK	EXTERNAL STEEL	1	1	1	1	1
58	58	7012467-00	POWER CABLE 3 (4FT 6INS)		-	-	1	1	-
59	59	7012467-01	POWER CABLE 3 (5FT.4INS)		-	-	1	1	-
60	60	7012467-02	POWER CABLE 3 (5FT.9IN)		-	-	1	1	-
61	61	7012468-00	CABLE ASSY (KL10-C)		-	-	1	1	-
62	62	7012468-01	POWER CABLE 4 (4FT-3IN)		-	-	1	1	-
63	63	7012468-02	POWER CABLE 4 (5FT-1IN)		-	-	1	1	-
64	64	7012468-03	POWER CABLE 4 (5FT-2IN)		-	-	1	1	-
65	65	9009309-00	NUT,LOCK	1/2-14 S/T	-	-	7	7	7
66	66	9008264-00	MOUNT, CABLE TIE, ADHESIVE BACKE		3	3	3	3	3
67	67	9009157-00	ADH,LIQ.RM.TEMP CURING COLORLESS		A/R	A/R	A/R	A/R	A/R
68	68	9107370-00	WIRE, 14AWG19/.0147IPVC 150V		-	A/R	-	A/R	-
69	69	9007927-00	TERM,RING #5,6STUD CRIMP 14-1		-	2	-	2	-
70	70	7417235-00	DRIP SCREEN		1	1	-	-	-
71	71	9006784-00	/REPLACED BY 90-06724-00		18	18	18	18	18
72	72	7020493-00	POWER CABLE NO. 5		-	-	-	-	1
73	73	7020493-01	POWER CABLE NO. 5		-	-	-	-	1
74	74	7020493-02	POWER CABLE NO. 5		-	-	-	-	1
75	75	7020493-03	POWER CABLE NO. 5		-	-	-	-	1
76	76	7920493-04	CABLE POWER 5		-	-	-	-	1
77	77	7020493-05	CABLE POWER 5		-	-	-	-	1
78	78	7020493-06	CABLE POWER 5		-	-	-	-	1

D	I	G	I	T	A	L	TITLE	RAW POWER SUPPLY	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	H760-0-DBP	J

MR

MR

AUTOMATED BY PRTLST.5R(55)

PARTS LIST

SHEET A3 OF A3

LINE ITEM TOP DOCUMENT

MIN
PART NUMBER REV DESCRIPTION

QTY PER VARIATION

VARIATION REVISION LEVEL:

A B C D E

79 79

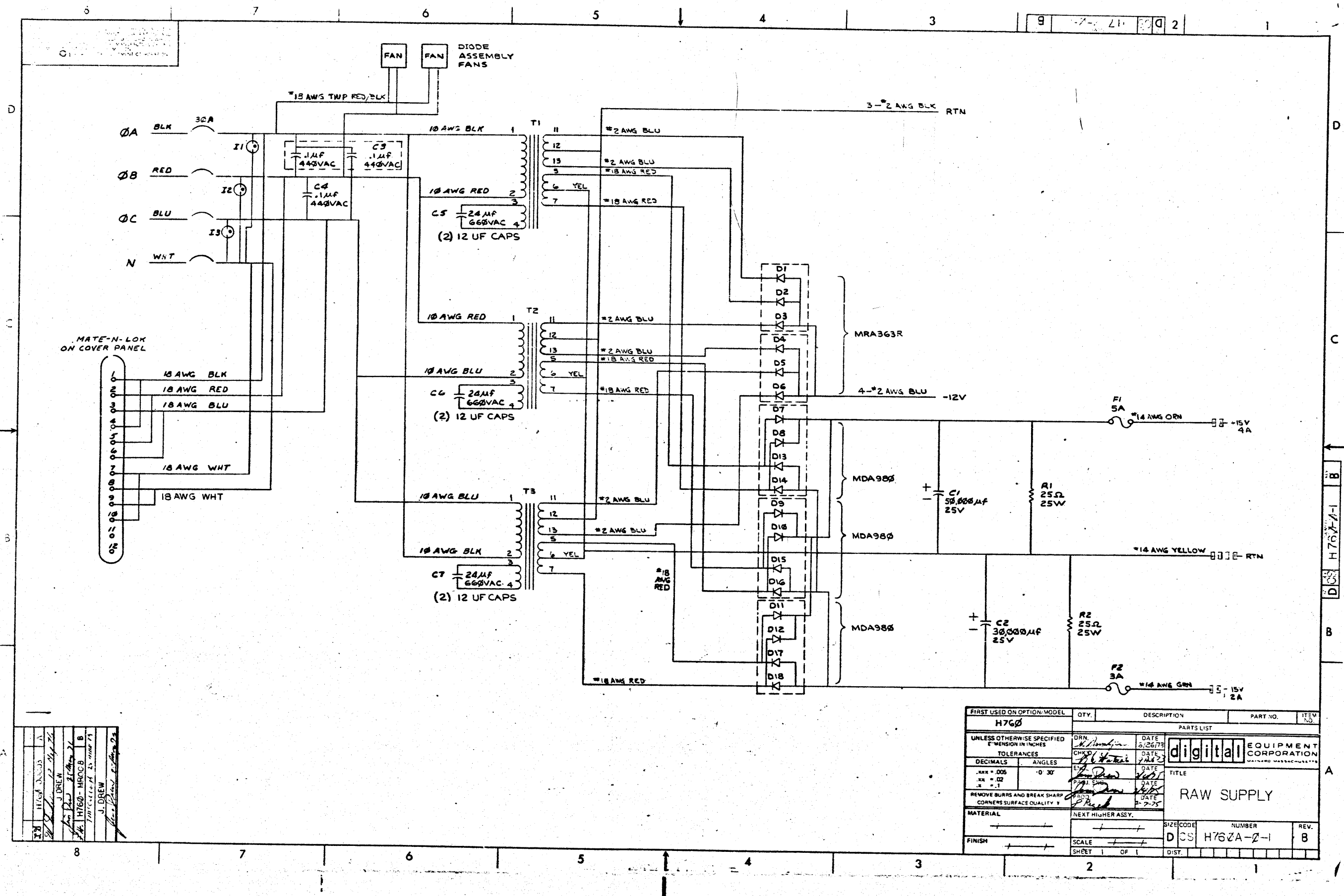
7011036-01

POWER CORD H760

- - - - 1

D I G I T A L	TITLE	RAW POWER SUPPLY	SECTION A OF A	SIZE CODE	DOCUMENT NUMBER	REV
				K PL	H750-0-DBP	J

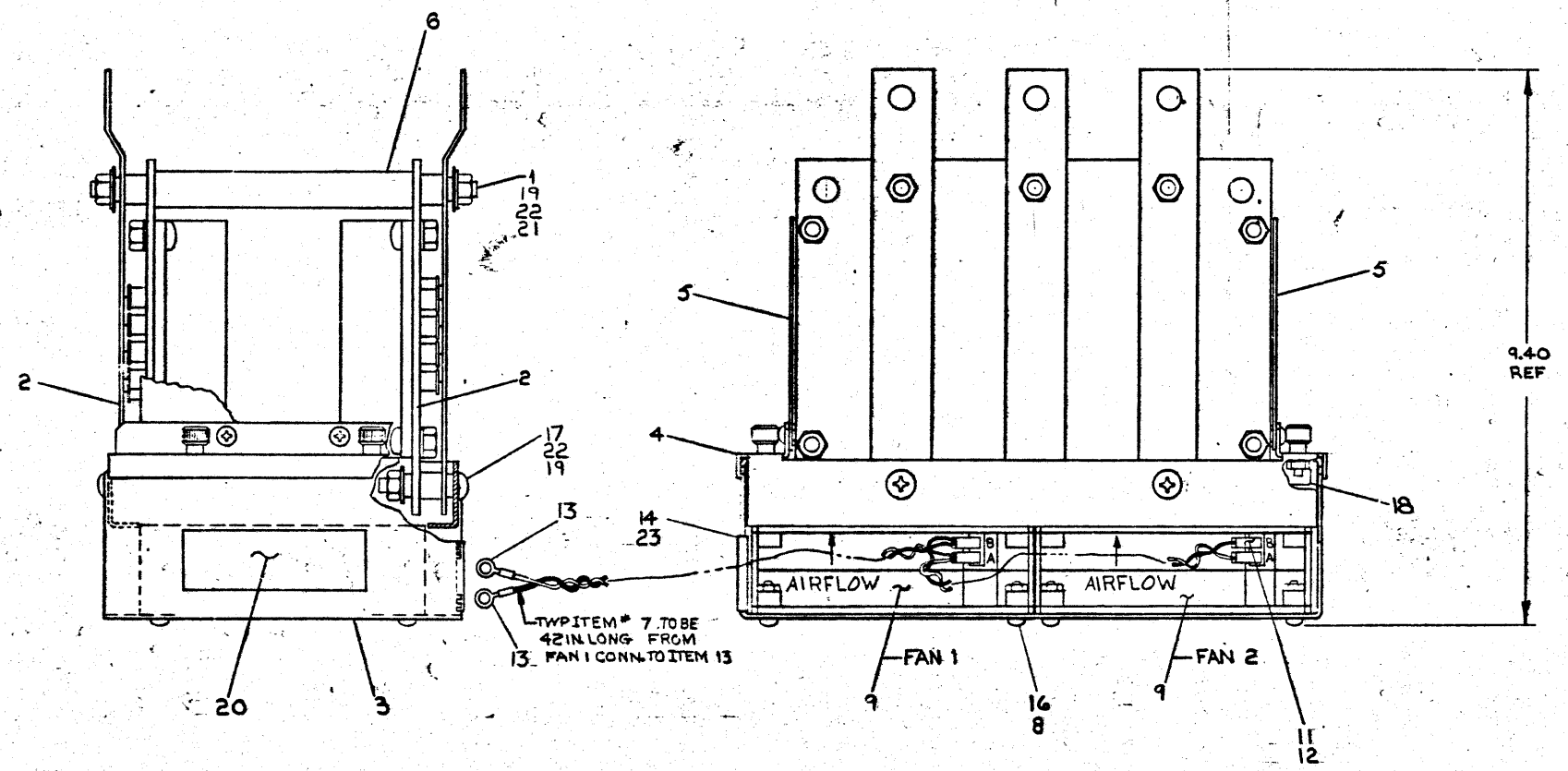
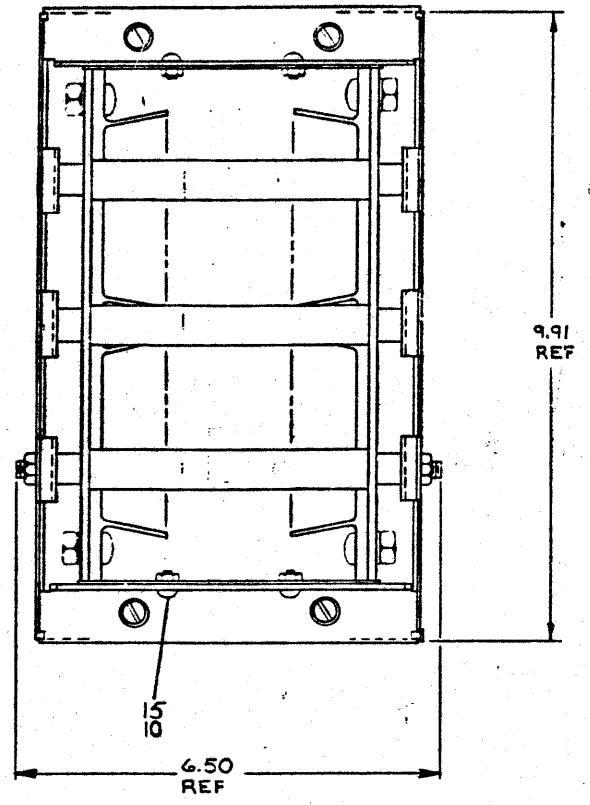
MRO



THE DESIGN AND CONSTRUCTION OF THIS UNIT IS THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION. IT IS TO BE KEPT IN CONFIDENCE AND NOT REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM.

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



AVR	ADHESIVE, HYBOND 80	9007694	23
10	WASH, FLAT, 6250x2810x.06	9007792	22
6	WASHER, NYLON	9009646	21
1	LABEL, ADHESIVE BACKED	9009255	20
10	NUT KEPS 1/4-20	9008203	19
4	NUT, SPRING	9007786	8
4	SCREW, PHL PAN HD 1/4-20x1.25	9009450	17
8	SCREW, PHL PAN HD 3/32x.63	9006025	16
4	SCREW, PHL PAN HD 3/32x.312	9006036	15
AVR	GRONAMET	9007046	4
2	CONN, SOLDERLESS, RED	9007930	13
4	FASTAB TERMINAL	1210820-4	12
4	FASTAB SOCKET HSG	1210820-1	11
4	NUT KEPS 8-32	9008563	10
2	FAN SUPER BOXER	1210930	9
8	NUT KEPS 8-32	9006580	8
AVR	18 AWG TWP RED/19	9007430-29	7
3	SPACER	9009631	6
2	PANEL, BAFFLE	9009140-0-0	5
1	HEAT SINK SUPPORT	9009140-0-0	4
1	FAN BRACKET	9009140-0-0	3
2	DIODE ASSEMBLY	1111495	2
3	ROD, THREADED	900741475-03	1

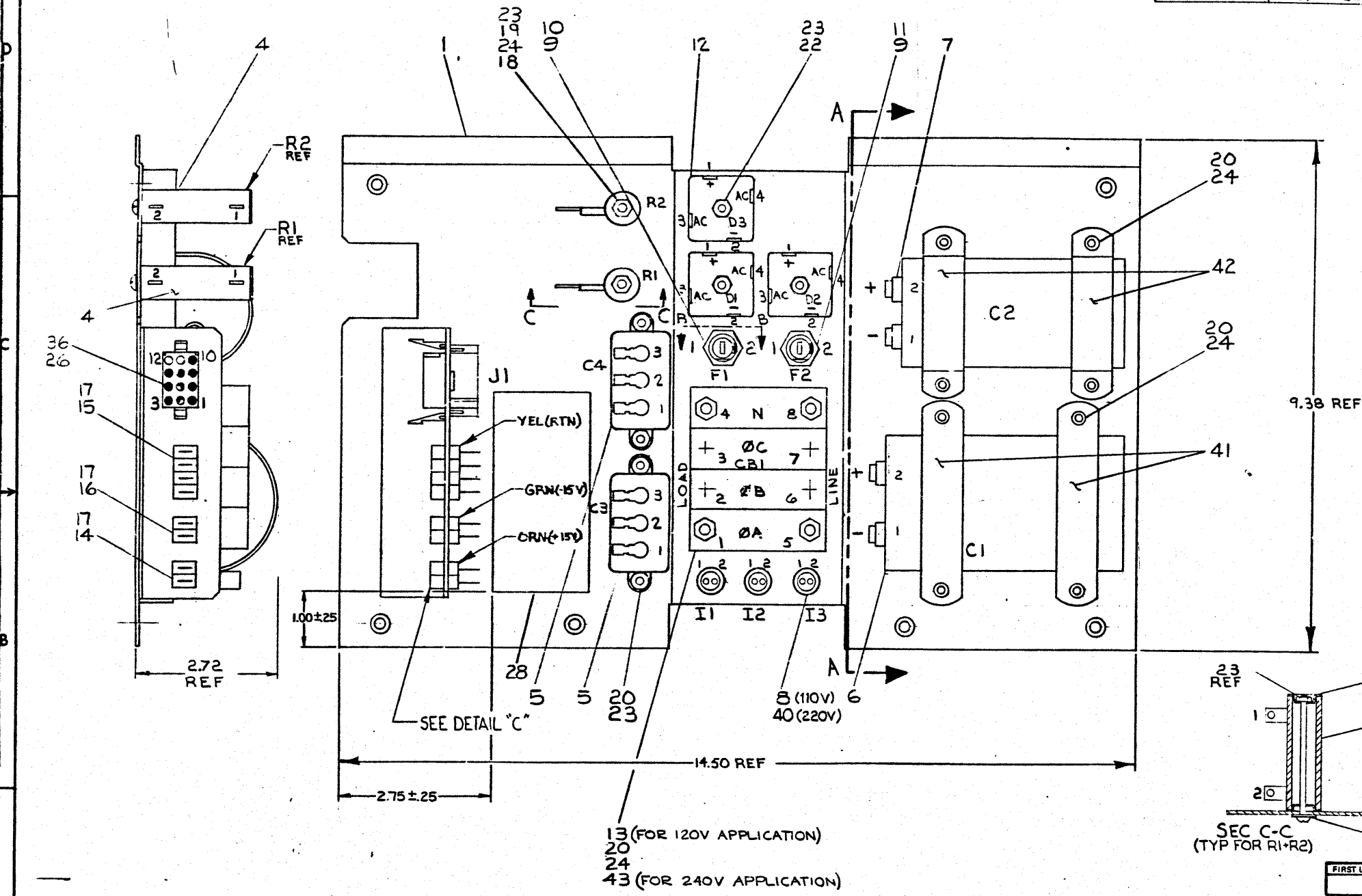
FIRST USED OR OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	REV.
KL10					
UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES TOLERANCES		DATE			
DECIMALS		DATE			
ANGLES		DATE			
TYPICAL		DATE			
REMOVE BURRS AND BREAK SHARP CORNERS		DATE			
SURFACE QUALITY		DATE			
MATERIAL		DATE			
NEXT HIGH R ASBY		DATE			
CCC PARTS LIST		DATE			

DATE	BY	CHKD	DATE	DATE	DATE
10/1/77	KL10	KL10	10/1/77	10/1/77	10/1/77

EQUIPMENT CORPORATION		TITLE	
DIGITAL		DIODE HEAT SINK ASSY	
REV.		REV.	
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 THE WRITTEN PERMISSION. COPYRIGHT © 1972 DIGITAL EQUIPMENT CORPORATION

LEGEND	
NUMBER	VARIATION
7009410-1	H760-A 60 HZ
7009410-2	H760-B 50 HZ



PARTS LIST	
QTY.	DESCRIPTION
1	CIRCUIT BREAKER 15A 240V
2	CAP. MTG BRKT #1
2	CAP. MTG BRKT #2
3	LAMP, PILOT
11	CONNECTOR (BLUE)
5	TIES, CABLE
A/R	A/R #18 AWG WIRE STRD INS (WHITE)
1	CONN. MAT-N-LOK 12 SKT
6	CONN. SCHELESS
A/R	A/R #14 AWG WIRE STRD INS (YELLOW)
A/R	A/R #14 AWG WIRE STRD INS (GREEN)
A/R	A/R #14 AWG WIRE STRD INS (ORANGE)
A/R	A/R #18 AWG WIRE STRD INS (ORANGE)
A/R	A/R #18 AWG WIRE STRD INS (RED)
A/R	A/R #18 AWG WIRE STRD INS (BLACK)
1	LABEL, ADHESIVE BACKED
6	CONNECTOR (RED)
10	FEMALE CONTACT
13	CONNECTOR (BLUE)
18	INT TOOTH LOCK WASHER #6
9	KEP NUT #6-32
3	PHL PAN HD SCR #2-32 x .36 LG.
A/R	A/R #18 AWG WIRE STRD INS (WHITE)
20	PHL PAN HD SCR #2-32 x .31 LG
4	WASHER, CENTERING
2	PHL PAN HD SCR #2-32 x .12 LG
8	TERMINAL INSERT
2	BUSH, JUNC. TERM (GRN)
4	BUSH, JUNC. TERM (YEL)
2	BUSH, JUNC. TERM (CRN)
1	CIRCUIT BREAKER 15A 240V
3	DIODE PACK
1	FUSE 3A
1	FUSE 5A
2	FUSE HOLDER
3	LAMP, PWR ON IND (RED)
1	CAPACITOR 30000 MFD 25VDC
1	CAPACITOR 50000 MFD 25VDC
2	CAPACITOR 2X 1MFD 440VAC
2	RESISTOR 25 OHM 25W 10%
1	CAP. MTG BRKT #1
1	CAP. MTG BRKT #2
1	COMPONENT MTG PLATE

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

FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
KL10					
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES		DATE	DATE	DATE	DATE
TOLERANCES		DATE	DATE	DATE	DATE
DECIMALS	ANGLES	DATE	DATE	DATE	DATE
.XXX = .005	10° 30'	DATE	DATE	DATE	DATE
.XX = .02		DATE	DATE	DATE	DATE
.X = .1		DATE	DATE	DATE	DATE
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY V		DATE	DATE	DATE	DATE
MATERIAL		DATE	DATE	DATE	DATE
FINISH		DATE	DATE	DATE	DATE
NEXT HIGHER ASSY.		DATE	DATE	DATE	DATE
D-UA-H760-2-0		DATE	DATE	DATE	DATE
SCALE NONE		DATE	DATE	DATE	DATE
SHEET 1 OF 2		DATE	DATE	DATE	DATE

PARTS LIST	
QTY.	DESCRIPTION
1	COMPONENT MTG PLATE

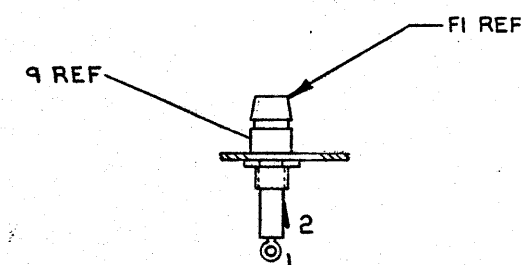
TITLE	
COMPONENT MTG PLATE ASSY	
SIZE CODE	NUMBER
D	7009410-0-C
REV.	D

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

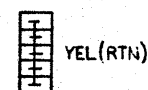
WIRE TABLE

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

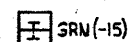
* #22 AWG BLK WIRE PART OF INDICATOR LAMP ITEM #8
** SEE DETIAL *C*



SECTION B-B
(TYP FOR FI F2)



YEL(RTN)

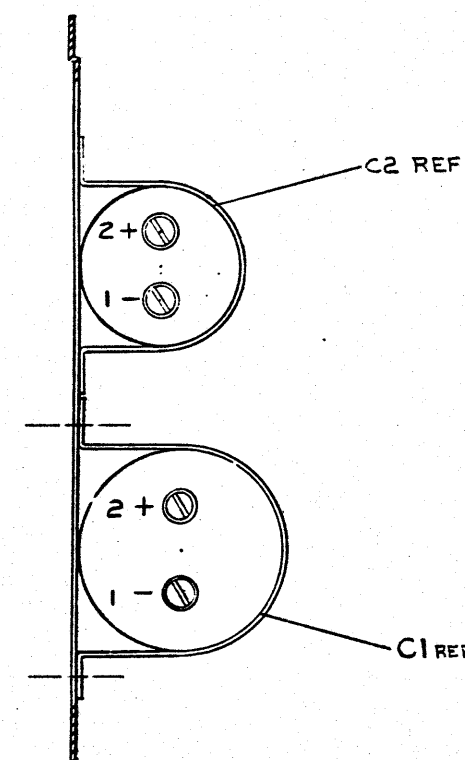


GRN(-15)



ORN(+15)

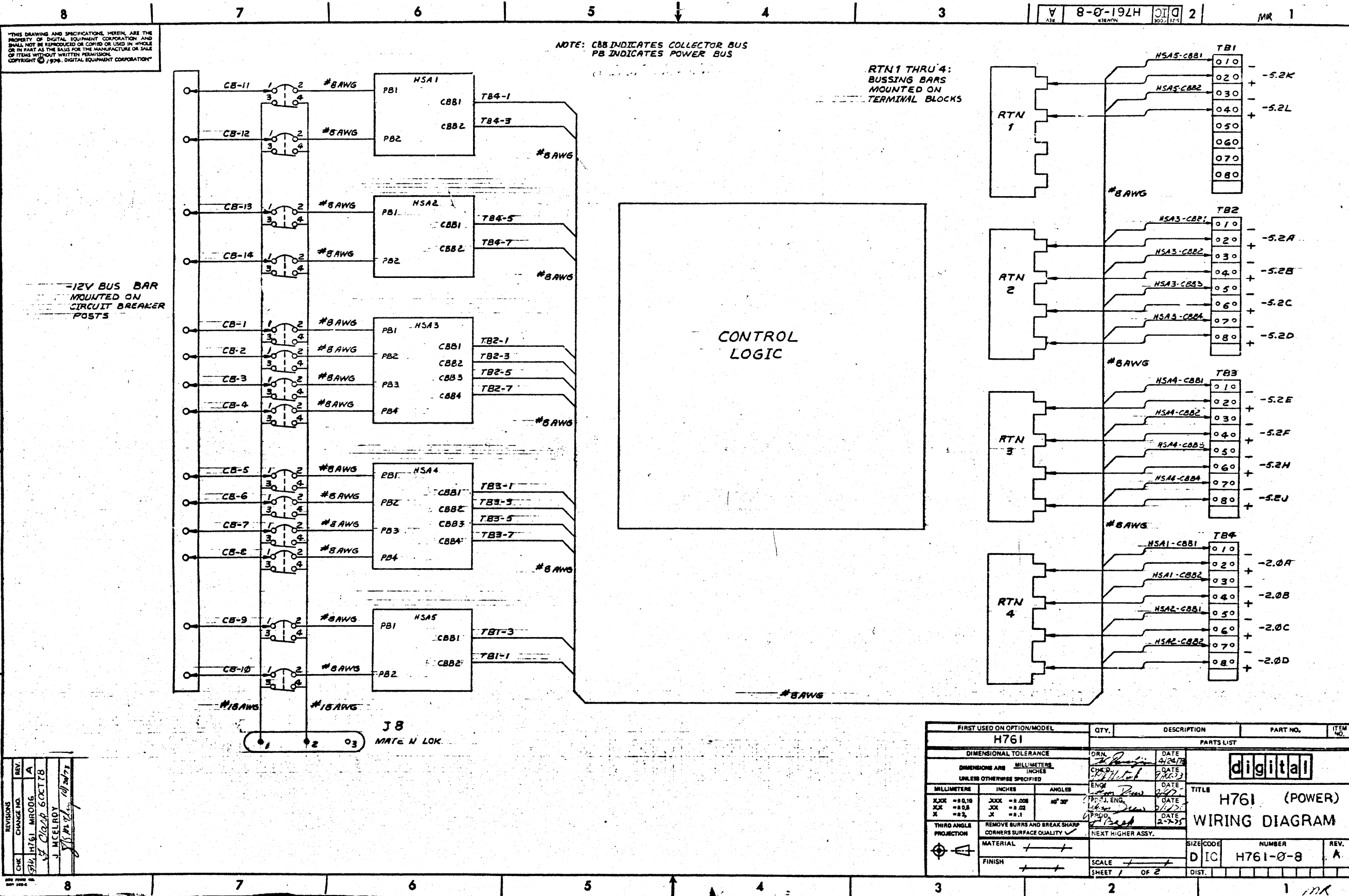
DETAIL *C*
(BUS YEL GRN & ORN WIRES AS SHOWN)
TURNED TO SHOW TERMINALS



SECTION A-A

REVISIONS		
CHK	CHANGE NO.	REV

TITLE		SIZE CODE	NUMBER	REV
COMPONENT ASSY.		D AD	7009-10-0-0	D
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. COPYRIGHT © 1974, DIGITAL EQUIPMENT CORPORATION

8-0-1924 2 MR

RTN 1 THRU 4:
BUSSING BARS
MOUNTED ON
TERMINAL BLOCK
TB1-RTN1
TB2-RTN2
TB3-RTN3
TB4-RTN4

#14AWG

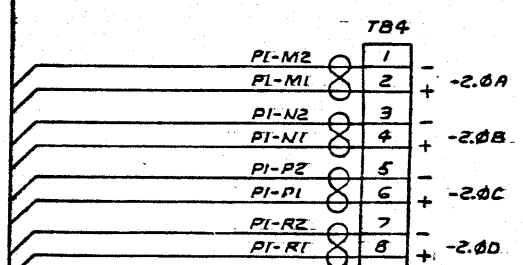
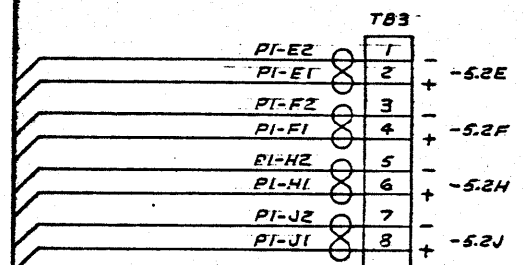
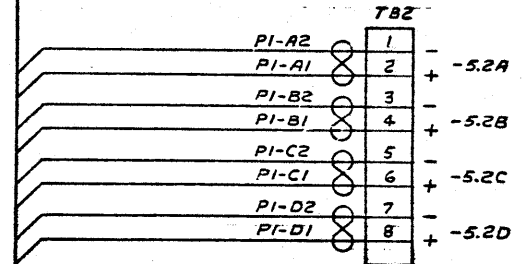
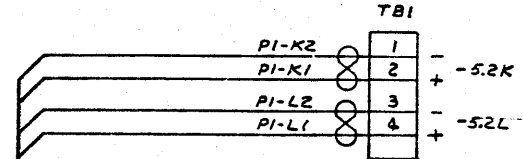
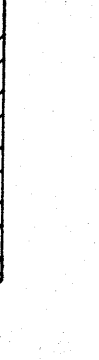
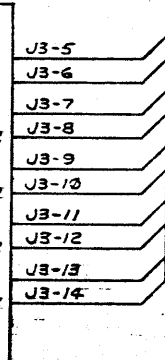
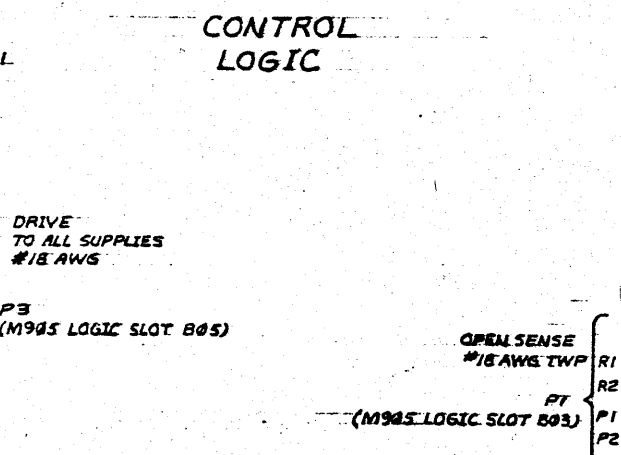
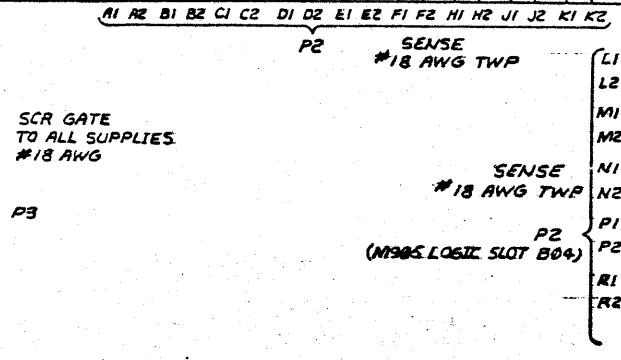
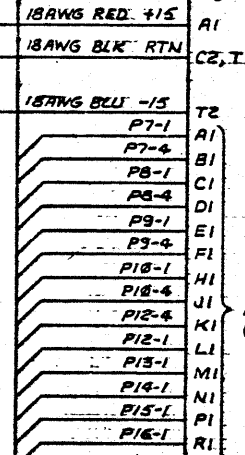
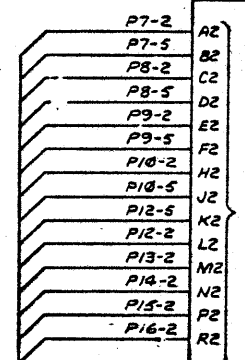
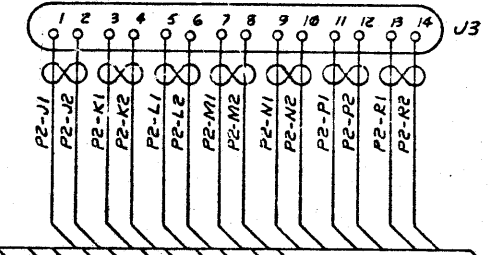
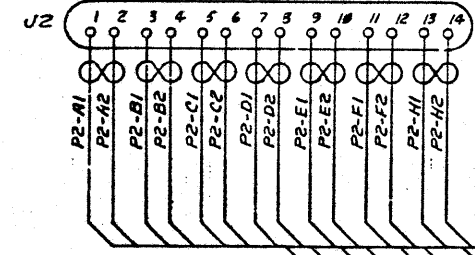
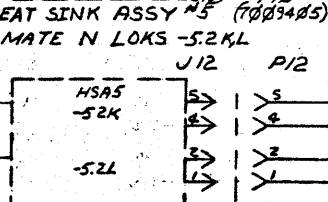
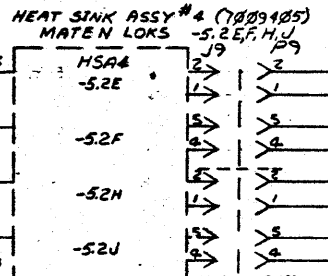
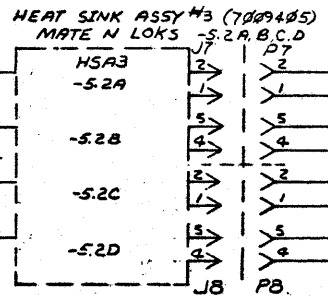
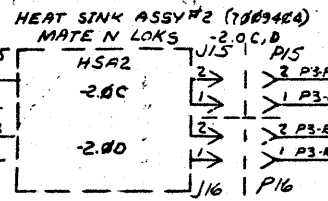
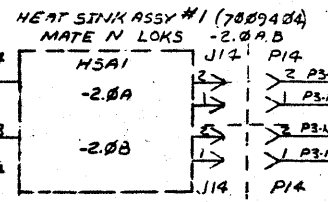
#18 AWG BLK

RTN 2

RTN 3

RTN 1

#14 AWG BLK



CONTROL LOGIC

DRIVE TO ALL SUPPLIES #18 AWS

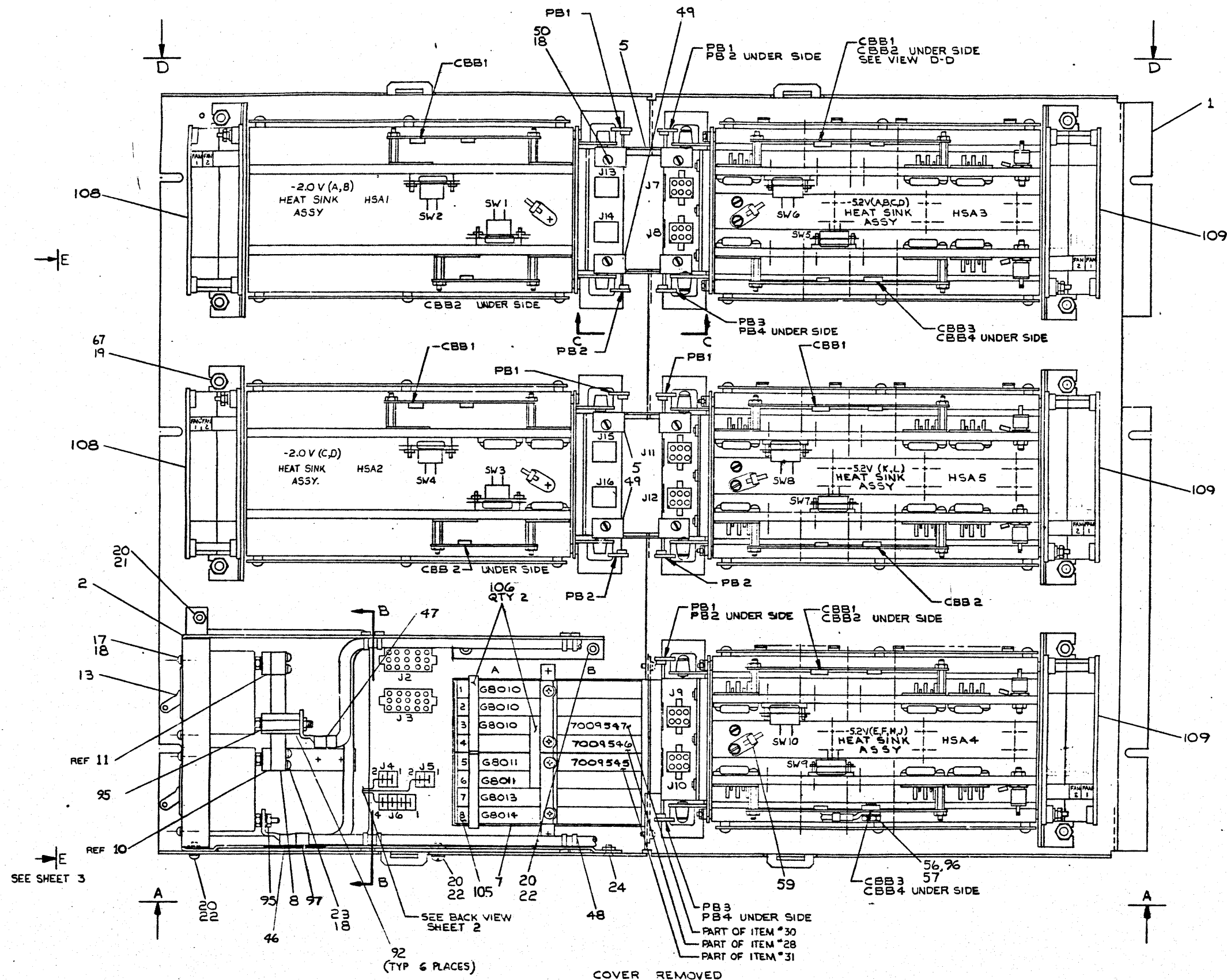
OPEN SENSE #18 AWS TWP

OPEN SENSE #18 AWS TWP

CHK	CHANGE NO.	REV.

TITLE H761- (CONTROL) WIRING DIAGRAM
SCALE SHEET 2 OF 2
NUMBER H761-0-8
REV. A

1. USE THE WRAPS (ITEM #36) ACCORDING TO DEC STANDARD 116.
2. COLOR DOT ON THERMOSTAT MATCHES COLOR OF POWER WIRING TO REGULATOR. (GREEN FOR -2.0V BLUE FOR -5.0V)



FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
KL10					
DIMENSIONAL TOLERANCE		DRN.	DATE	PARTS LIST	
DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED		CHK'D.	DATE	TITLE	
MILLIMETERS INCHES		ENR.	DATE	digital	
THIRD ANGLE PROJECTION		PROJ. ENR.	DATE	REGULATED POWER SUPPLY	
REMOVE SURFS AND BREAK SHARP CORNERS SURFACE QUALITY		PROD.	DATE	D-0A-KL10-0-0	
SEE PARTS LIST		NEXT HIGHER ASSY.		EUA H761-0-0	
FINISH		SCALE 1/1		REV. K	
SHEET 1 OF 1		OP +		DIST.	

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

WIRE TABLE											
ITEM NO.	DESCRIPTION			FROM			TO			REMARKS	
	AWG	COLOR	POINT	CONNECTION	WITH	POINT	CONNECTION	WITH	POINT		
34	18	WHT	1	HARNESS	SOLD		CBI-5			TWP	
	TWP	RED	2				CBI-3				
		RED	3								
		BLK	4		J1-3		CHASSIS ITEM #1			TWP	TWP
		WHT	5		J1-2						
		YEL	6		J1-1						
		YEL	7				SW4-1			TWP	TWP
		YEL	8								
		BLK	9				SW4-2				
		BLK	10								
		YEL	11				SW3-1			TWP	TWP
		YEL	12								
		BLK	13				SW3-2				
		BLK	14								
		BLK	15				SW2-2			TWP	TWP
		YEL	16				SW2-1				
		YEL	17								
		YEL	18				SW1-1			TWP	TWP
		BLK	19								
		BLK	20				SW1-2				
		YEL	21								
		YEL	22				SW5-1			TWP	TWP
		BLK	23								
		BLK	24				SW5-2				
		YEL	25								
		YEL	26				SW6-1			TWP	TWP
		BLK	27								
		BLK	28				SW6-2				
		YEL	29								
		YEL	30				SW7-1			TWP	TWP
		BLK	31								
		BLK	32				SW7-2				
		YEL	33								
		YEL	34				SW8-1			TWP	TWP
		BLK	35								
		BLK	36				SW8-2				
		YEL	37								
		YEL	38				SW9-1			TWP	TWP
		BLK	39								
		BLK	40				SW9-2				
		YEL	41								
		YEL	42				SW10-1			TWP	TWP
	18	BLK	43								
104	TWP	BLK	44	HARNESS			SW10-2				

REVISIONS		
CHK	CHANGE NO.	REV.

AUTOMATED BY PRTLST.5R(52)

P A R T S L I S T

SHEET A1 OF A3

LINE	ITEM	TOP DOCUMENT	PART NUMBER	REV	DESCRIPTION	QTY	PER	VARIATION
						00	A	
					VARIATION REVISION LEVEL:	K	A	
1	1	E-IA-7410991-0-0	7410991-00		CHASSIS REGULATED P.S. (KL10)	1	1	
2	2	E-IA-7410993-0-0	7410993-00		CIRCUIT BREAK MTG PLATE (KL10)	1	1	
3	3	E-AD-7009405-0-0	7009405-00		*** THIS ITEM IS NOT USED ***	-	-	
4	4	E-AD-7009404-0-0	7009404-00		*** THIS ITEM IS NOT USED ***	-	-	
5	5	D-IA-7411571-0-0	7411571-01		SUPPORT REG ASSY-KL10	2	2	
6	6	E-IA-7010162-0-0	7010162-00		COVER ASSY (H761) KL10	1	-	
7	7	C-AD-7010100-0-0	7010100-00		LOGIC H761	1	1	
8	8	B-MD-7411529-0-0	7411529-00	A	BAR CONN BUSS-KL10	1	1	
9	9	C-IA-7411554-0-0	7411554-01		STRIP BUSS RETURN H761 (KL10)	4	4	
10	10	C-MD-7411531-0-0	7411531-00		BAR NO 1 -12V BUSS	1	1	
11	11	C-MD-7411532-0-0	7411532-00		BAR NO 2 -12V BUSS-KL10	1	1	
12	12	B-MD-7412425-0-0	7412425-00	A	CONN PROT PLATE PIN KL10 (H761)	1	1	
13	13		1211498-00	A	CKT BKR 35.0 A 50V 1P	14	14	
14	14		1211499-00	A	TERM BLOCK 09POS(2K05).687CC	4	4	
15	15		9007046-00	A	*** THIS ITEM IS NOT USED ***	-	-	
16	16		9007014-00	A	GROMMET,ROUND RUBBER	1	-	
17	17		9006020-01	A	SCREW,MACH PAN PHIL 6-	28	28	
18	18		9006533-00	A	WASHER,LOCK INTERNAL STEEL	40	40	
19	19		9008203-00	A	NUT,HEX EXT TOOTH LCKWSHR 1/4-20	20	20	
20	20		9006037-01	A	SCREW,MACH PAN PHIL 8-	26	20	
21	21		9006563-00	A	NUT,HEX EXT TOOTH LCKWSHR 8-32	1	1	
22	22		9006634-00	A	WASHER,LOCK INTERNAL STEEL	27	21	
23	23		9006025-01	A	SCREW,MACH PAN PHIL 6-	4	4	
24	24		9006036-02	A	SCREW,MACH FLAT PHIL 8-	2	2	
25	25		9006560-00	A	NUT,HEX EXT TOOTH LCKWSHR 6-32	16	16	
26	26		9009255-00	B	LABEL, POWER SUPPLY, 2-15/16 " L	1	1	
27	27		9007594-00	A	ADHESIVE,NEOPRENE	1	1	
28	28	D-IA-7009546-0-0	7009546-00		CABLE (H761)	1	1	
29	29	E-IA-7010307-0-0	7010307-00		HARNESS A/C FAN (H761)	1	1	
30	30	E-IA-7009547-0-0	7009547-00		CABLE (H761)	1	1	

REVISION HISTORY			BASIC PART NO: H761		DRN: K. GAMACHE		DATE:		D I G I T A L	
ENG	ECO NUMBER	REV	SECTION A OF A		CHK'D: D. SIREEN		DATE: 1 NOV 74		TITLE PARTS LIST	
	INITIAL	K	SECTION VARIATION INDEX		DES.ENG: J. DREW		DATE: 19 NOV 74		DOCUMENT NUMBER	
			CA100,A		RESP.ENG.: J. DREW		DATE: 19 NOV 74		SIZE/CODE NUMBER	
			[B]		MFG.ENG.: R. J'BRIAN		DATE: 19 NOV 74		RELEASE DATE:	
			[C]		ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME:	
			[D]		E-UA-H761-0-0		E-UA-H761-0-0		27456K.PLS	
			[E]						EDIT #	
			[F]						5	

"THIS DRAWING AND THE SPECIFICATIONS CONTAINED HEREIN ARE CONFIDENTIAL AND PROPRIETARY. THEY 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. THIS IS AN UNPUBLISHED WORK PROTECTED UNDER THE FEDERAL COPYRIGHT LAWS."

M R

AUTOMATED BY PRTLST.5R(52)

PARTS LIST

MR
SHEET A2 OF A3

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY	PER	VARIATION
						00	A	
					VARIATION REVISION LEVEL:	K	A	
31	31	E-IA-7009545-0-0	7009545-00		CABLE (H761)	1	1	
32	32		9007237-00		TERM,TAB,BUSHING	4	4	
33	33		9007236-00		TERM,TAB,BUSHING	2	2	
34	34		9007234-00		TERM,TAB,BUSHING	2	2	
35	35		9007238-00	B	TERM QUICK 2POS SOLDER,MALE	8	8	
36	36		9007880-00		TIE,CABLE BUNDL DIA 0-1.14"=101	21	21	
37	37		9009139-00		CONN,P+S 01SKT 22-19AWG	3	3	
38	38		9107302-11		TUBING,TEFLON .106ID	A/R	A/R	
39	39		9107360-33	A	WIRE, 18AWG(19/30)IPVC 150V	A/R	A/R	
40	40		9107360-00	A	WIRE, 18AWG(19/30)IPVC 150V	A/R	A/R	
41	41		9107360-55	A	WIRE, 18AWG(19/30)IPVC 150V	A/R	A/R	
42	42		9107370-00	A	WIRE, 14AWG19/.0147IPVC 150V	A/R	A/R	
43	43		9107430-29	A	WIRE,TWP 19AWG(19/30)IPVC 150V	A/R	A/R	
44	44		9107765-55	A	WIRE, 08AWG(163/30)IPVC 600V1	A/R	A/R	
45	45		9107765-65	A	WIRE, 08AWG(163/30)IPVC 600V1	A/R	A/R	
46	46		1212066-01	A	TERM,RING 1/4STUD FLAG	8	8	
47	47		1211515-00	D	TERM,RING 1/4STUD CRIMP	40	40	
48	48		9007031-00	B	TIE,CABLE BUNDL.DIA 0- 3/4"=101	63	63	
49	49	D-IA-7411571-0-0	7411571-02		SUPPORT REG ASSY-KL10	2	2	
50	50		9006021-04	A	SCREW,MACH BIND SLDT	5-	8	8
51	51		9007928-00		TERM,RING #10STUD CRIMP 14-1	8	8	
52	52		9107560-03	B	WIRE,BOSS 18AWG TIN BARE	A/R	A/R	
53	53		9107278-00		TUBING,TEFLON .042ID	0	0	
54	54		1209379-00		*** THIS ITEM IS NOT USED ***	-	-	
55	55		1209350-03	F	*** THIS ITEM IS NOT USED ***	-	-	
56	56		9006240-09	A	SCREW,MACH HEX PLN 1/4-	28	28	
57	57		9006724-00	A	WASHER,LOCK EXTERNAL STEEL	28	28	
58	58	A-DC-7409873-0-0	7409873-00		CANCELLED 7-28-81 BY FRED CARBER	1	1	
59	59		9007033-00		TIE,CABLE BUNDL.DIA 0-1-3/4"=101	5	5	
60	60		5308944-03		*** THIS ITEM IS NOT USED ***	-	-	
61	61		5308943-01		*** THIS ITEM IS NOT USED ***	-	-	
62	62		9006035-01	A	SCREW,MACH PAN PHIL 8-	2	2	
63	63		G8010-00		-5.2V CONTROL KL10	3	3	
64	64		G8011-00		-2V CONTROL KL10	2	2	
65	65	D-CS-G3013-0-0	G3013-00		+10V REFERENCE KL10	1	1	
66	66	D-CS-G8014-0-0	G8014-00		-5.2V DETECTOR 16 INPUTS	1	1	
67	67		9006676-00	A	WASHER,FLAT SST	20	20	
68	68		5308754-03		DECAL	1	1	
69	69		5308754-05		DECAL	1	1	
70	70		5308754-07		*** THIS ITEM IS NOT USED ***	-	-	
71	71		5308754-09		*** THIS ITEM IS NOT USED ***	-	-	
72	72		5308754-11		*** THIS ITEM IS NOT USED ***	-	-	
73	73		5308754-13		*** THIS ITEM IS NOT USED ***	-	-	
74	74		5308754-15		*** THIS ITEM IS NOT USED ***	-	-	
75	75		5308754-19		FAB FOR H761	1	1	
76	76		5308753-31		DECAL 21 PT LETTERS (H761)	1	1	
77	77		5308753-03		DECAL	1	1	
78	78		5308753-01		DECAL	1	1	

D I G I T A L		TITLE		REGULATED POWER SUPPLY		SECTION A OF A		SIZE CODE		DOCUMENT NUMBER		REV	
								K		PL H761-0-DBP		K	

MR

AUTOMATED BY PPALST.5R(52)

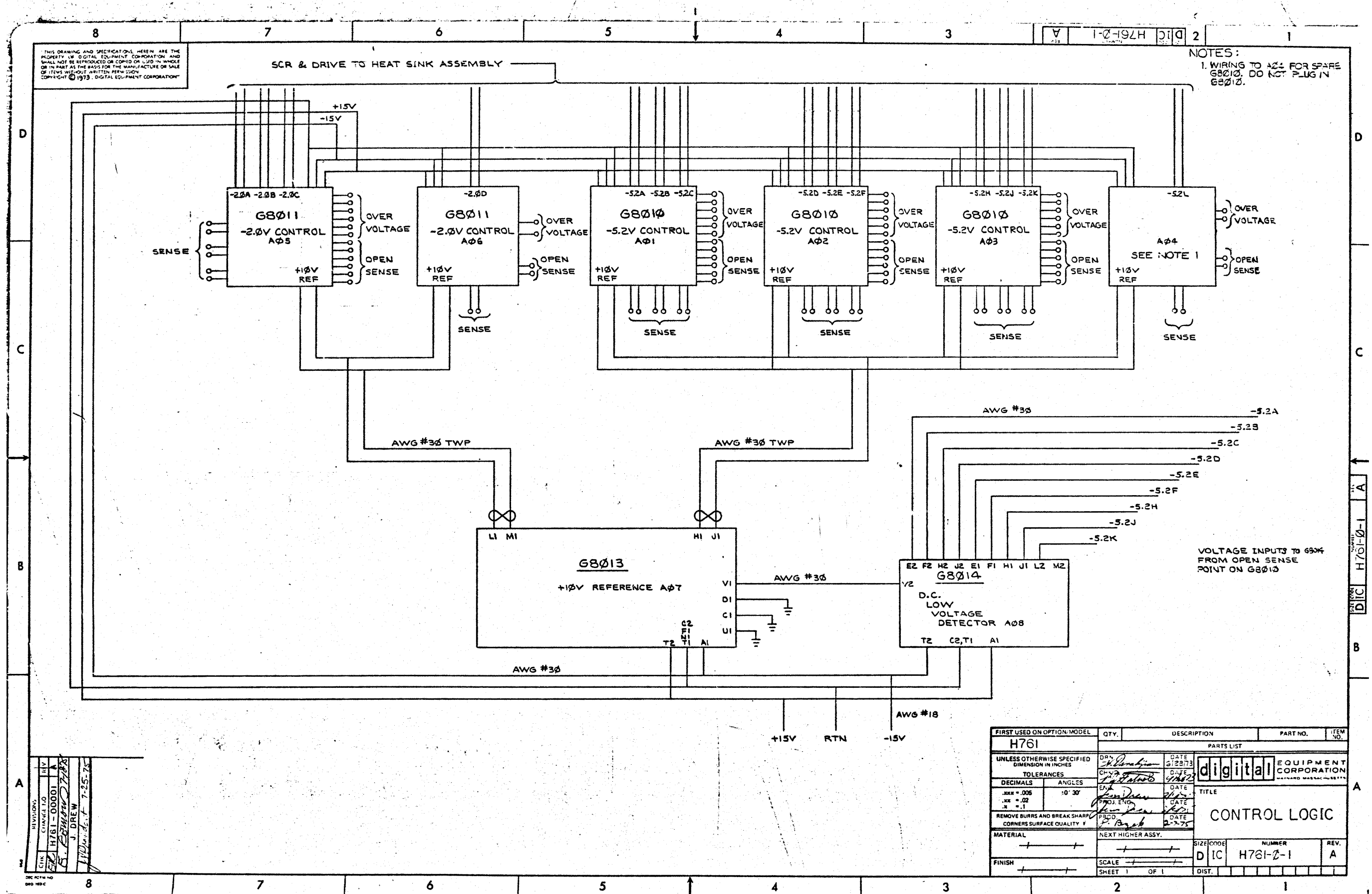
PARTS LIST

MR
SHEET A3 OF A3

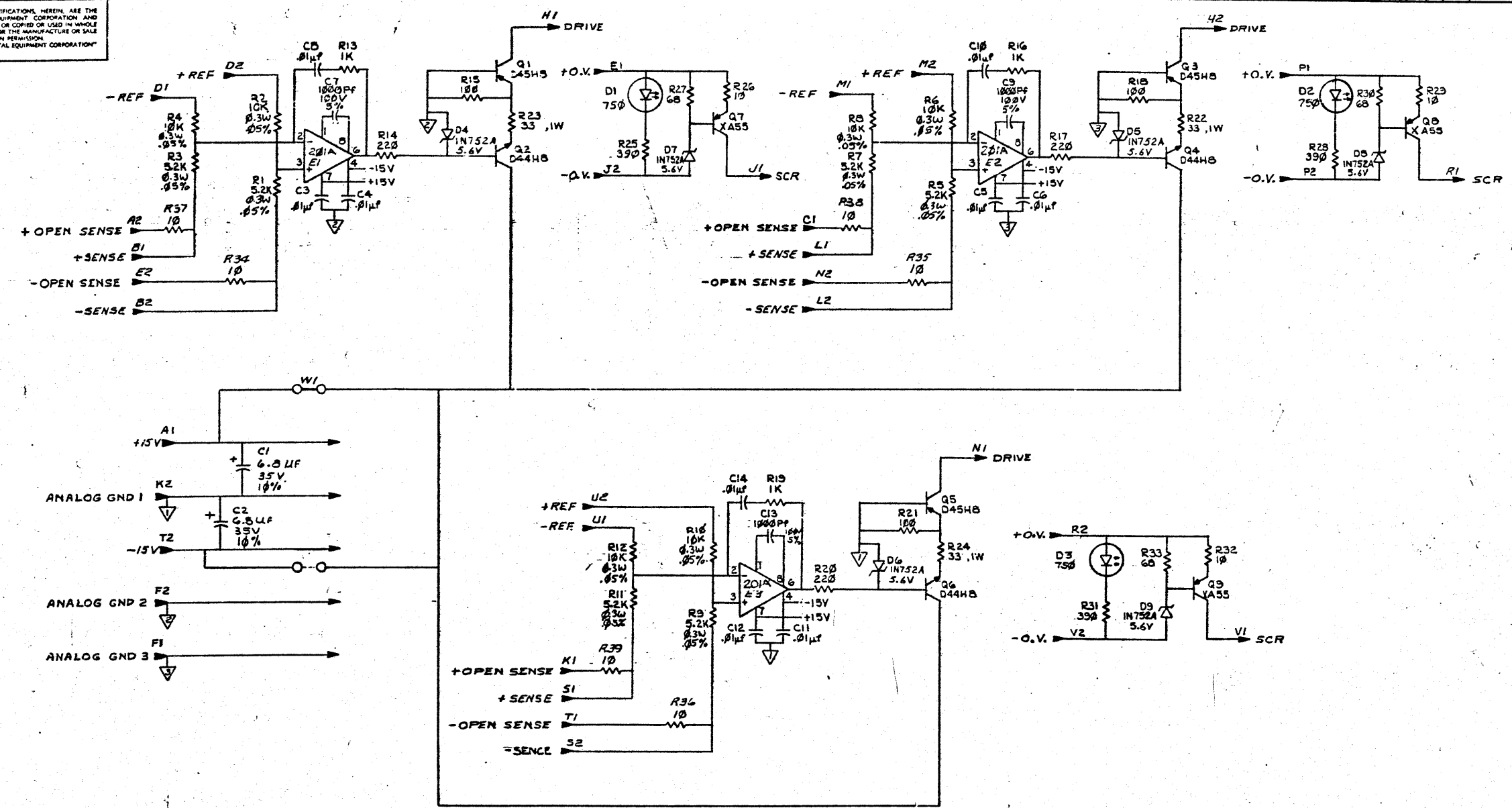
LINE ITEM		TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VARIATION	
						00	A
						K	A
						VARIATION REVISION LEVEL:	
79	79		5308753-23		DECAL 21 PT LETTERS (H761)	1	1
80	80		5308753-27		DECAL 1107	1	1
81	81		9006660-00	A	WASHER,FLAT SST	6	-
82	82		5308944-05		*** THIS ITEM IS NOT USED ***	-	-
83	83		5308943-03		*** THIS ITEM IS NOT USED ***	-	-
84	84		5308943-05		*** THIS ITEM IS NOT USED ***	-	-
85	85		5308943-07		*** THIS ITEM IS NOT USED ***	-	-
86	86		5308943-09		*** THIS ITEM IS NOT USED ***	-	-
87	87		5308943-11		*** THIS ITEM IS NOT USED ***	-	-
88	88		5308943-13		*** THIS ITEM IS NOT USED ***	-	-
89	89		5308943-15		*** THIS ITEM IS NOT USED ***	-	-
90	90		5308943-17		*** THIS ITEM IS NOT USED ***	-	-
91	91		5308943-19		*** THIS ITEM IS NOT USED ***	-	-
92	92		9008841-01	A	STANDOFF,MALE/FEMALE HEX 10-32	6	6
93	93		9003151-00	A	WASHER,LOCK EXTERNAL STEEL	1	1
94	94		9008981-00	A	TAPE,FOAM,GRAY 1-3/16W 33"L 1/8T	A/R	-
95	95		9006635-00	A	WASHER,LOCK INTERNAL STEEL	48	48
96	96		9006637-00	A	WASHER,LOCK INTERNAL STEEL	12	12
97	97		9009507-00	A	TAPE,VINYL ADH .75 WDX .00	A/R	A/R
98	98		9007036-00	B	GROMMET,CATERPILLAR POLYAMIDE	A/R	A/R
99	99		9107250-00		*** THIS ITEM IS NOT USED ***	-	-
100	100	A-WL-H761-0-10			H761 SPECIAL GND. WIRES	REF	REF
101	101	A-PS-3613819-0-0	3613819-00	A	DECAL,VINYL, ADH BACK, H761	1	1
102	102	A-PS-3613819-0-0	3613819-01	A	DECAL,VINYL, ADH BACK, H761	1	1
103	103	A-PS-3613819-0-0	3613819-02	A	DECAL,VINYL, ADH BACK, H761	1	1
104	104		7015219-00		HARNESS,H761 THERMOSTAT	1	1
105	105		7018177-00		ASSY,MODULE CLIP	2	2
106	106		1209856-03		HOLDER, MODULE	2	2
107	107	BLANK				0	0
108	108		7009404-01		REGULATED HEAT SINK ASSY. -2.0V	2	2
109	109		7009405-01		REGULATED HEAT SINK ASSY. -5.2V	3	3
#####						#####	
						RELEASEABLE	
						#####	

DIGITAL		TITLE		SECTION A OF A		SIZE	CODE	DOCUMENT NUMBER	REV
		REGULATED POWER SUPPLY				K	PL	H761-0-DBP	K

MR0



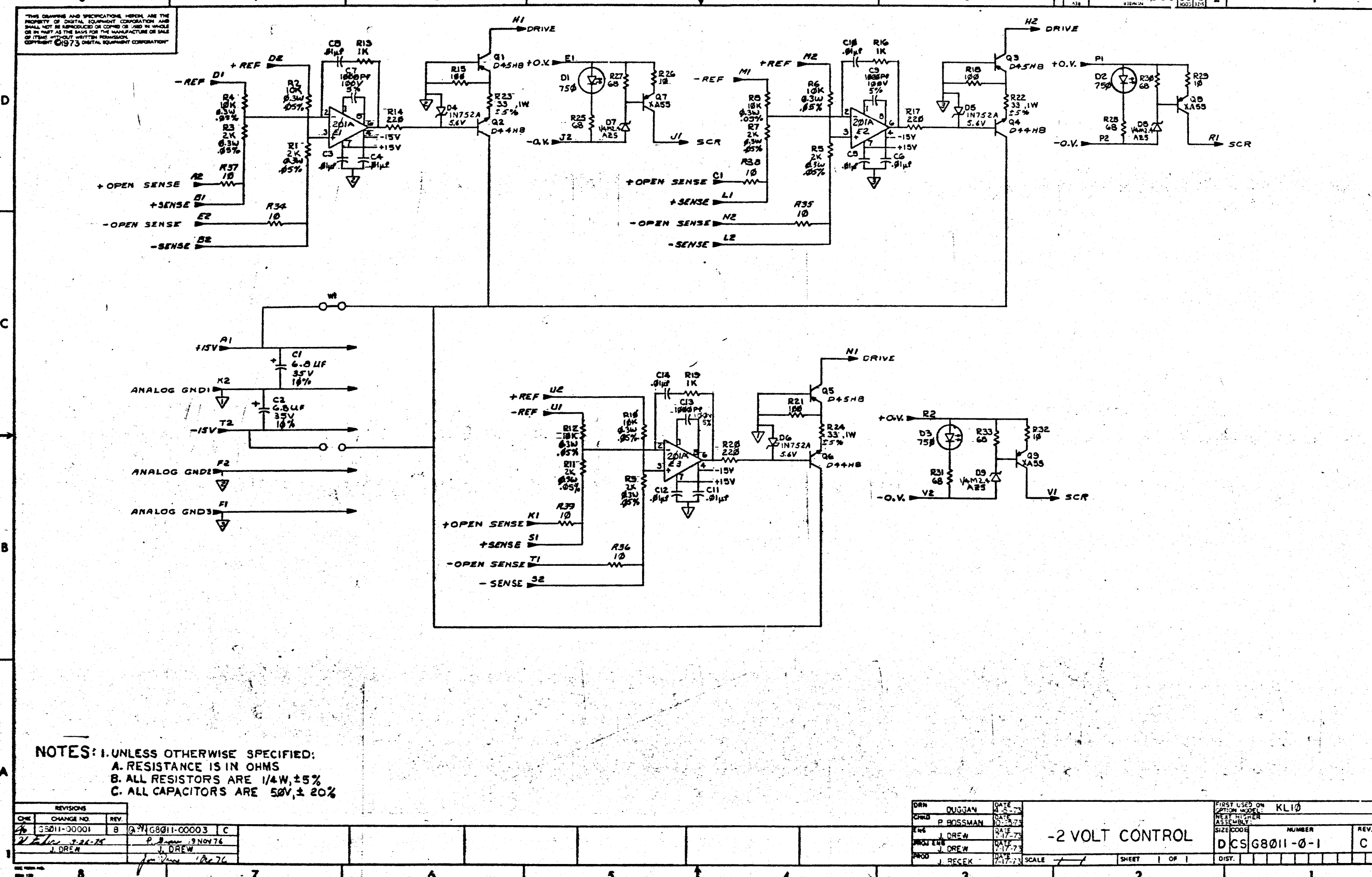
THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION.
COPYRIGHT © 1973 DIGITAL EQUIPMENT CORPORATION



NOTES: 1. UNLESS OTHERWISE SPECIFIED:
A. RESISTORS ARE 1/4W 5% RESISTANCE IN OHMS.
B. CAPACITORS ARE 50V, ±20%

REVISIONS			
CHK	CHANGE NO	REV.	
1	68010-00001	B	68010-00003 C
2	68010-00002		68010-00004 D
3	68010-00003		68010-00005 E
4	68010-00004		68010-00006 F
5	68010-00005		68010-00007 G
6	68010-00006		68010-00008 H
7	68010-00007		68010-00009 I
8	68010-00008		68010-00010 J
9	68010-00009		68010-00011 K
10	68010-00010		68010-00012 L
11	68010-00011		68010-00013 M
12	68010-00012		68010-00014 N
13	68010-00013		68010-00015 O
14	68010-00014		68010-00016 P
15	68010-00015		68010-00017 Q
16	68010-00016		68010-00018 R
17	68010-00017		68010-00019 S
18	68010-00018		68010-00020 T
19	68010-00019		68010-00021 U
20	68010-00020		68010-00022 V
21	68010-00021		68010-00023 W
22	68010-00022		68010-00024 X
23	68010-00023		68010-00025 Y
24	68010-00024		68010-00026 Z
25	68010-00025		68010-00027 AA
26	68010-00026		68010-00028 AB
27	68010-00027		68010-00029 AC
28	68010-00028		68010-00030 AD
29	68010-00029		68010-00031 AE
30	68010-00030		68010-00032 AF
31	68010-00031		68010-00033 AG
32	68010-00032		68010-00034 AH
33	68010-00033		68010-00035 AI
34	68010-00034		68010-00036 AJ
35	68010-00035		68010-00037 AK
36	68010-00036		68010-00038 AL
37	68010-00037		68010-00039 AM
38	68010-00038		68010-00040 AN
39	68010-00039		68010-00041 AO
40	68010-00040		68010-00042 AP
41	68010-00041		68010-00043 AQ
42	68010-00042		68010-00044 AR
43	68010-00043		68010-00045 AS
44	68010-00044		68010-00046 AT
45	68010-00045		68010-00047 AU
46	68010-00046		68010-00048 AV
47	68010-00047		68010-00049 AW
48	68010-00048		68010-00050 AX
49	68010-00049		68010-00051 AY
50	68010-00050		68010-00052 AZ
51	68010-00051		68010-00053 BA
52	68010-00052		68010-00054 BB
53	68010-00053		68010-00055 BC
54	68010-00054		68010-00056 BD
55	68010-00055		68010-00057 BE
56	68010-00056		68010-00058 BF
57	68010-00057		68010-00059 BG
58	68010-00058		68010-00060 BH
59	68010-00059		68010-00061 BI
60	68010-00060		68010-00062 BJ
61	68010-00061		68010-00063 BK
62	68010-00062		68010-00064 BL
63	68010-00063		68010-00065 BM
64	68010-00064		68010-00066 BN
65	68010-00065		68010-00067 BO
66	68010-00066		68010-00068 BP
67	68010-00067		68010-00069 BQ
68	68010-00068		68010-00070 BR
69	68010-00069		68010-00071 BS
70	68010-00070		68010-00072 BT
71	68010-00071		68010-00073 BU
72	68010-00072		68010-00074 BV
73	68010-00073		68010-00075 BW
74	68010-00074		68010-00076 BX
75	68010-00075		68010-00077 BY
76	68010-00076		68010-00078 BZ
77	68010-00077		68010-00079 CA
78	68010-00078		68010-00080 CB
79	68010-00079		68010-00081 CC
80	68010-00080		68010-00082 CD
81	68010-00081		68010-00083 CE
82	68010-00082		68010-00084 CF
83	68010-00083		68010-00085 CG
84	68010-00084		68010-00086 CH
85	68010-00085		68010-00087 CI
86	68010-00086		68010-00088 CJ
87	68010-00087		68010-00089 CK
88	68010-00088		68010-00090 CL
89	68010-00089		68010-00091 CM
90	68010-00090		68010-00092 CN
91	68010-00091		68010-00093 CO
92	68010-00092		68010-00094 CP
93	68010-00093		68010-00095 CQ
94	68010-00094		68010-00096 CR
95	68010-00095		68010-00097 CS
96	68010-00096		68010-00098 CT
97	68010-00097		68010-00099 CU
98	68010-00098		68010-00100 CV
99	68010-00099		68010-00101 CW
100	68010-00100		68010-00102 CX
101	68010-00101		68010-00103 CY
102	68010-00102		68010-00104 CZ
103	68010-00103		68010-00105 DA
104	68010-00104		68010-00106 DB
105	68010-00105		68010-00107 DC
106	68010-00106		68010-00108 DD
107	68010-00107		68010-00109 DE
108	68010-00108		68010-00110 DF
109	68010-00109		68010-00111 DG
110	68010-00110		68010-00112 DH
111	68010-00111		68010-00113 DI
112	68010-00112		68010-00114 DJ
113	68010-00113		68010-00115 DK
114	68010-00114		68010-00116 DL
115	68010-00115		68010-00117 DM
116	68010-00116		68010-00118 DN
117	68010-00117		68010-00119 DO
118	68010-00118		68010-00120 DP
119	68010-00119		68010-00121 DQ
120	68010-00120		68010-00122 DR
121	68010-00121		68010-00123 DS
122	68010-00122		68010-00124 DT
123	68010-00123		68010-00125 DU
124	68010-00124		68010-00126 DV
125	68010-00125		68010-00127 DW
126	68010-00126		68010-00128 DX
127	68010-00127		68010-00129 DY
128	68010-00128		68010-00130 DZ
129	68010-00129		68010-00131 EA
130	68010-00130		68010-00132 EB
131	68010-00131		68010-00133 EC
132	68010-00132		68010-00134 ED
133	68010-00133		68010-00135 EE
134	68010-00134		68010-00136 EF
135	68010-00135		68010-00137 EG
136	68010-00136		68010-00138 EH
137	68010-00137		68010-00139 EI
138	68010-00138		68010-00140 EJ
139	68010-00139		68010-00141 EK
140	68010-00140		68010-00142 EL
141	68010-00141		68010-00143 EM
142	68010-00142		68010-00144 EN
143	68010-00143		68010-00145 EO
144	68010-00144		68010-00146 EP
145	68010-00145		68010-00147 EQ
146	68010-00146		68010-00148 ER
147	68010-00147		68010-00149 ES
148	68010-00148		68010-00150 ET
149	68010-00149		68010-00151 EU
150	68010-00150		68010-00152 EV
151	68010-00151		68010-00153 EW
152	68010-00152		68010-00154 EX
153	68010-00153		68010-00155 EY
154	68010-00154		68010-00156 EZ
155	68010-00155		68010-00157 FA
156	68010-00156		68010-00158 FB
157	68010-00157		68010-00159 FC
158	68010-00158		68010-00160 FD
159	68010-00159		68010-00161 FE
160	68010-00160		68010-00162 FF
161	68010-00161		68010-00163 FG
162	68010-00162		68010-00164 FH
163	68010-00163		68010-00165 FI
164	68010-00164		68010-00166 FJ
165	68010-00165		68010-00167 FK
166	68010-00166		68010-00168 FL
167	68010-00167		68010-00169 FM
168	68010-00168		68010-00170 FN
169	68010-00169		68010-00171 FO
170	68010-00170		68010-00172 FP
171	68010-00171		68010-00173 FQ
172	68010-00172		68010-00174 FR
173	68010-00173		68010-00175 FS
174	68010-00174		68010-00176 FT
175	68010-00175		68010-00177 FU
176	68010-00176		68010-00178 FV
177	68010-00177		68010-00179 FW
178	68010-00178		68010-00180 FX
179	68010-00179		68010-00181 FY
180	68010-00180		68010-00182 FZ
181	68010-00181		68010-00183 GA
182	68010-00182		68010-00184 GB
183	68010-00183		68010-00185 GC
184	68010-00184		68010-00186 GD
185	68010-00185		68010-00187 GE
186	68010-00186		68010-00188 GF
187	68010-00187		68010-00189 GG
188	68010-00188		68010-00190 GH
189	68010-00189		68010-00191 GI
190	68010-00190		68010-00192 GJ
191	68010-00191		68010-00193 GK
192	68010-00192		68010-00194 GL
193	68010-00193		68010-00195 GM
194	68010-00194		68010-00196 GN
195	68010-00195		68010-00197 GO
196	68010-00196		68010-00198 GP
197	68010-00197		68010-00199 GQ
198	68010-00198		68010-00200 GR
199	68010-00199		68010-00201 GS
200	68010-00200		68010-00202 GT
201	68010-00201		68010-00203 GU
202	68010-00202		68010-00204 GV
203	68010-00203		68010-00205 GW
204	68010-00204		68010-00206 GX
205	68010-00205		68010-00207 GY
206	68010-00206		68010-00208 GZ
207	68010-00207		68010-00209 HA
208	68010-00208		68010-00210 HB
209	68010-00209		68010-00211 HC
210	68010-00210		68010-00212 HD
211	68010-00211		68010-00213 HE
212	68010-00212		68010-00214 HF
213	68010-00213		68010-00215 HG
214	68010-00214		68010-00216 HH
215	68010-00215		68010-00217 HI
216	68010-00216		68010-00218 HJ
217	68010-00217		68010-00219 HK
218	68010-00218		68010-00220 HL
219	68010-00219		68010-00221 HM
220	68010-00220		68010-00222 HN
221	68010-00221		68010-00223 HO
222	68010-00222		68010-00224 HP
223	68010-00223		68010-00225 HQ
224	68010-00224		68010-00226 HR
225	68010-00225		68010-00227 HS
226	68010-00226		68010-00228 HT
227	68010-00227		68010-00229 HU
228	68010-00228		68010-00230 HV
229	68010-00229		68010-00231 HW
230	68010-00230		68010-00232 HX
231	68010-00231		68010-00233 HY
232	68010-00232		68010-00234 HZ
233	68010-00233		68010-00235 IA
234	68010-00234		68010-00236 IB
235	68010-00235		68010-00237 IC
236	68010-00236		68010-00238 ID
237	68010-00237		68010-00239 IE
238	68010-00238		68010-00240 IF
239	68010-00239		68010-00241 IG
240	68010-00240		68010-00242 IH
241	68010-00241		68010-00243 II
242	68010-00242		68010-00244 IJ
243	68010-00243		68010-00245 IK
244	68010-00244		68010-00246 IL
245	68010-00245		68010-00247 IM
246	68010-00246		68010-00248 IN
247	68010-00247		68010-00249 IO
248	68010-00248		68010-00250 IP
249	68010-00249		68010-00251 IQ
250	68010-00250		68010-00252 IR
251	68010-00251		68010-00253 IS
252	68010-00252		68010-00254 IT
253	68010-00253		68010-00255 IU
254	68010-00254		

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



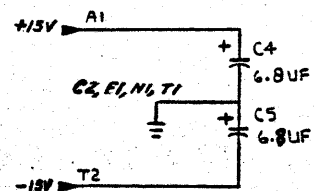
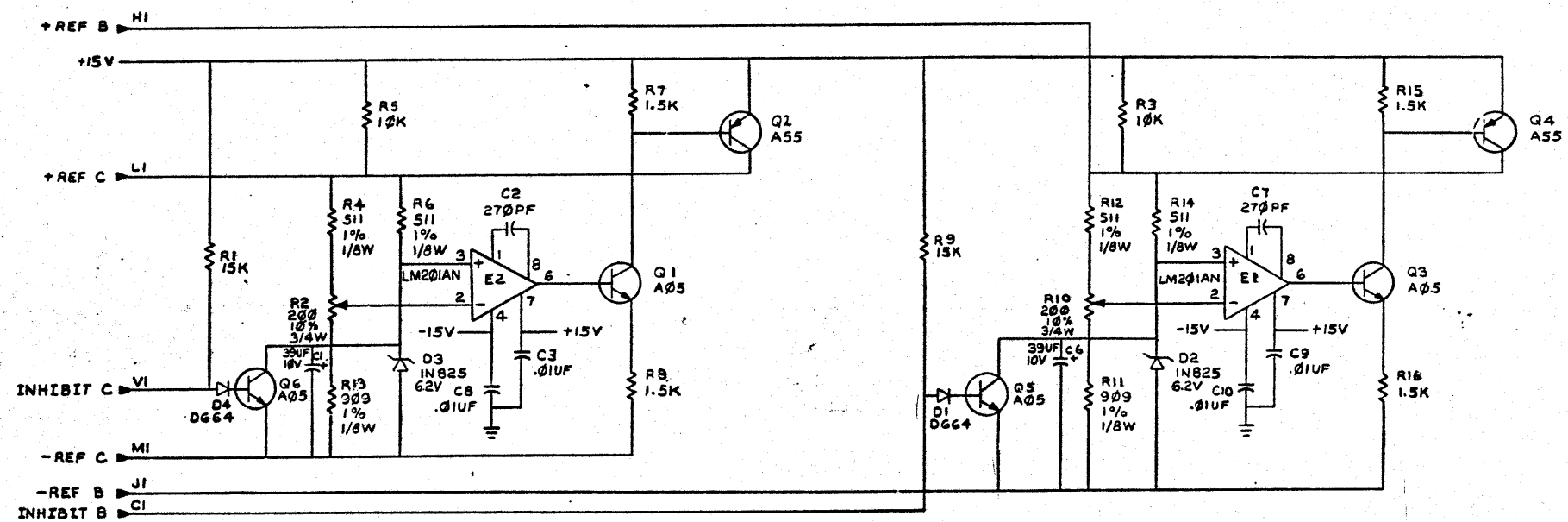
NOTES: 1. UNLESS OTHERWISE SPECIFIED:
 A. RESISTANCE IS IN OHMS
 B. ALL RESISTORS ARE 1/4W, ±5%
 C. ALL CAPACITORS ARE 50V, ±20%

REVISIONS			
CHG	CHANGE NO.	REV.	
1	35011-00001	B	Q: 7/16/76
2	35011-00002	C	19 NOV 76
3	35011-00003	D	19 NOV 76
4	35011-00004	E	19 NOV 76
5	35011-00005	F	19 NOV 76
6	35011-00006	G	19 NOV 76
7	35011-00007	H	19 NOV 76
8	35011-00008	I	19 NOV 76
9	35011-00009	J	19 NOV 76
10	35011-00010	K	19 NOV 76

DRN	QUIGGAN	DATE	4-2-73	FIRST USED ON	KL10
CHG	P. BOSSMAN	DATE	10-2-73	NEAT HIGHER	
ENG	J. DREW	DATE	1-17-73	ASSEMBLY	
PROD	J. RECK	DATE	1-17-73	NUMBER	DCS G8011-0-1
SCALE	1/1	SHEET	1	OF	1
DIST.					

-2 VOLT CONTROL

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

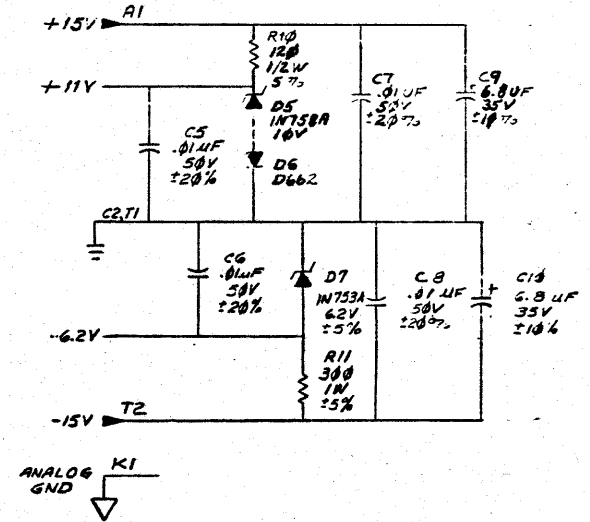
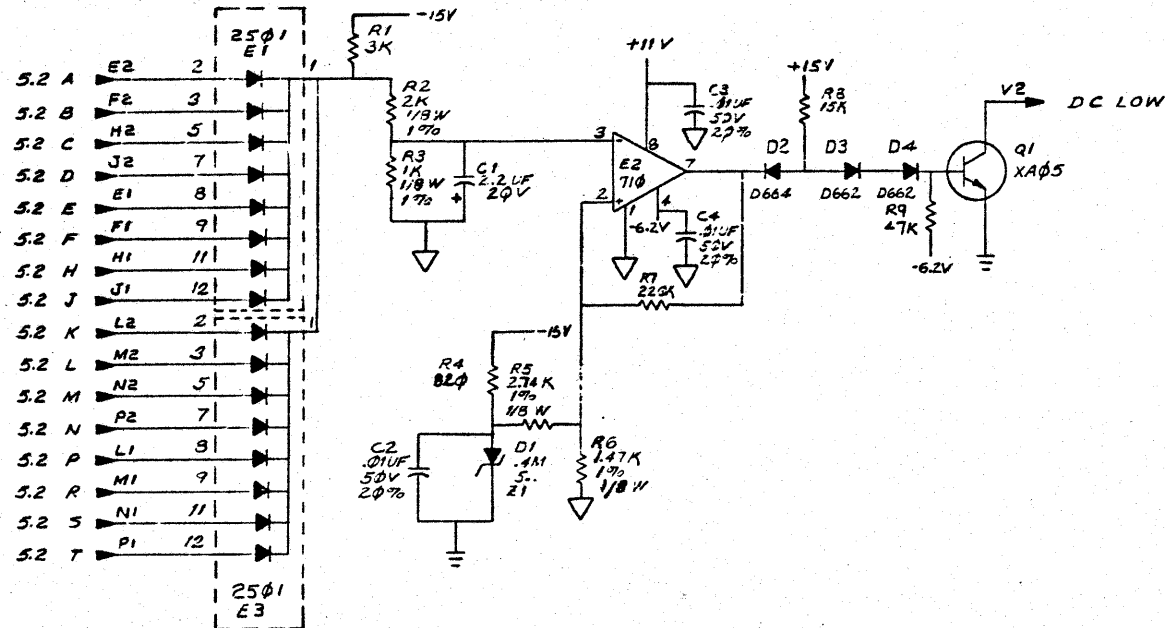


REVISIONS		
CHK	CHANGE NO	REV
1	88013-00001	B
J. DREW		
10/1/75		

DATE		CHK'D	DATE	DATE	DATE	DATE	DATE	DATE	DATE
HLDENSMORE		440-75	8/1/75	9-25-75	10/1/75	11/1/75	12/1/75	1/1/76	2/1/76
TITLE		410V		REFERENCE		SIZE CODE		NUMBER	
SCALE		SHEET		2 OF 1		D CS		88013-0-1	
REV.		B							

NEXT HIGHER ASSY
B-DD-88013-0

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.



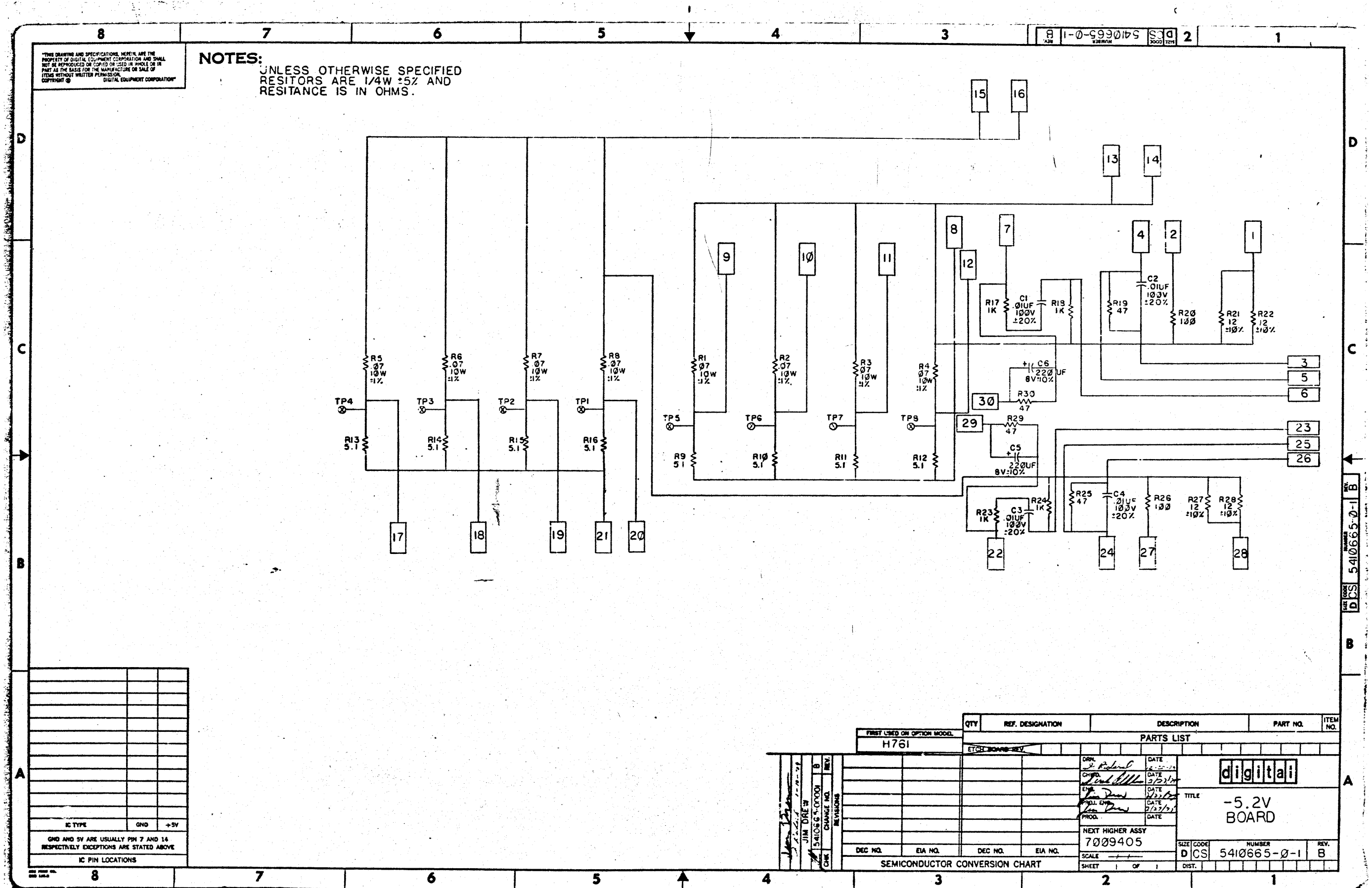
REVISIONS		
CHK	CHANGE NO	REV
1	1	B
J. DREW		

DRN. B. NICHOL	DATE 7-23-73	ENG. JIM DREW
CHK'D <i>[Signature]</i>	DATE 10/2/73	NEXT HIGHER ASSY. B-00-08014-0-0
TITLE LOW VOLTAGE DETECTOR	SIZE CODE DCS	NUMBER 68014-0-1
SCALE 1/1	SHEET 1 OF 1	DIST. 1

NOTES:

[illegible]

QTY		REF. DESIGNATION		DESCRIPTION		PART NO.		ITEM	
FIRST USED ON OPTION MODEL				PARTS LIST					
H761				ETCH BOARD REV. 8					
JIM DREW		P. Vargas		DATE 3/26/74		digital			
B		CHRG		DATE 3/27/74					
A		ENG		DATE 3/27/74		TITLE SERIES PASS - 20V BOARD			
REV.		PROJ. ENG		DATE 3/27/74					
CHANGE NO.		PROO.		DATE		SIZE CODE NUMBER D CS 5410663-0-1			
REVISIONS		NEXT HIGHER ASSY		SCALE					
DEC NO.		EIA NO.		DEC NO.		EIA NO.		REV. B	
SEMICONDUCTOR CONVERSION CHART									



THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF THE U.S. GOVERNMENT. IT IS TO BE USED FOR THE PURPOSES OF THE U.S. GOVERNMENT AND NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT EXPRESS PERMISSION.
COPYRIGHT © 1973, 1987 BY THE U.S. GOVERNMENT

WIRE TABLE						
ITEM NO.	AWG.	COLOR	CONN.	WITH	TO	REMARKS
40	14	GRN	PC1-2	37	Q1-3	SOLD
			PC1-3	37	Q2-3	SOLD
			Q3-1	SOLD	Q4-1	SOLD
			Q5-1	SOLD	Q6-1	SOLD
			Q7-1	SOLD	Q8-1	SOLD
41	18	GRN	PC1-4	37	D1-1	SOLD
46	18	BRN			J1-2	12
40	14	GRN	PC1-5	37	D1-3	SOLD
40	14	GRN	PC1-6	37	Q1-2	SOLD
41	18	GRN	PC1-7	37	Q2-1	SOLD
47	18	GRY/BRN			J1-1	12
40	14	GRN	PC1-8	37	Q2-2	SOLD
			PC1-9		Q1-1	
			PC1-10		Q3-3	
			PC1-11		Q4-3	
			PC1-12		Q5-3	
			PC1-17		Q6-3	
			PC1-18		Q7-3	
			PC1-19		Q8-3	SOLD
			PC1-13		TB1-4	36
			PC1-14		TB1-3	
			PC1-15		TB1-2	
40	14	GRN	PC1-16	37	TB1-1	36
					SOLD	
44	14	BLK	PC1-1	56	D1-2	12
					J1-3	
45	10	RED	BB-A	14, 39	BB-B	14, 39
45	10	RED	BB-C	14, 39	BB-D	14, 39

WIRE TABLE						
ITEM NO.	AWG.	COLOR	CONN.	WITH	TO	REMARKS
40	14	GRN	PC2-2	37	Q9-3	SOLD
			PC2-3	37	Q10-3	SOLD
			Q11-1	SOLD	Q12-1	SOLD
			Q13-1	SOLD	Q14-1	SOLD
			Q15-1	SOLD	Q16-1	SOLD
41	18	GRN			Q2-1	SOLD
43	18	RED	PC2-4	37	J2-2	12
40	14	GRN	PC2-5	37	D2-3	SOLD
40	14	GRN	PC2-6	37	Q2-2	SOLD
41	18	GRN	PC2-7	37	Q10-1	SOLD
42	18	GRY/RED			J2-1	12
40	14	GRN	PC2-8	37	Q10-2	SOLD
			PC2-9		Q3-1	
			PC2-10		Q11-3	
			PC2-11		Q12-3	
			PC2-12		Q13-3	
			PC2-17		Q14-3	
			PC2-18		Q15-3	
			PC2-19		Q16-3	SOLD
			PC2-13		TB2-1	36
			PC2-14		TB2-2	
			PC2-15		TB2-3	
40		GRN	PC2-16	37	TB2-4	36
44	14	BLK	PC2-1	56	D2-2	SOLD
					J2-3	12

REVISIONS		
CHK	CHANGE NO.	REV.

70094040dF

AUTOMATED BY PRTLST.5R(52)

PARTS LIST

SHEET A1 OF A2

LINE ITEM TOP DOCUMENT

PART NUMBER REV

DESCRIPTION

VARIATION REVISION LEVEL:

QTY PER VARIATION

JO 01
P A

1	1		1211480-03	D	HEAT SINKS, 8.900X4.68	1	1
2	2	D-IA-7411262-0-0	7411262-00		PLATE HEAT SINK MFG (KL10)	1	1
3	3	D-IA-7411000-0-0	7411000-00		SUPPORT HEAT SINK (KL10)	1	1
4	4	C-IA-7410999-0-0	7410999-00	A	CONN BRACKET (KL10)	1	1
5	5	C-IA-7411136-0-0	7411136-01		BUSSING STRIP (KL10)	2	2
6	6	C-IA-7411137-0-0	7411137-01		BUSSING STRIP NO 2 (KL10)	1	1
7	7	C-IA-7411136-0-0	7411136-02		BUSSING STRIP (KL10)	2	2
8	8	E-IA-7411001-0-0	7411001-00		FAN BRKT (KL10)	1	1
9	9	B-MD-7411295-0-0	7411295-00	A	STANDOFF BUSHING (KL10)	14	14
10	10		1209350-06		MATE-N-LOK 06SKT(3X02).240CC HSG	2	2
11	11	BLANK				0	0
12	12		1209379-00		MATE-N-LOK 01SKT 20-14A#G .092JD	6	6
13	13		1210930-01	E	*** THIS ITEM IS NOT USED ***	-	-
14	14		9007926-01		TERM,RING #10STUD CRIMP 10-1	4	4
15	15		9007031-00	B	TIE,CABLE BUNDL.DIA 3- 3/4"=101	6	6
16	16		1203346-00	A	TERM BLOCK 04POS(1X04).437CC	2	2
17	17	BLANK				0	0
18	18	BLANK				0	0
19	19		9009648-03	A	SCREW,CAP SOC HEX 6-	14	14
20	20		9006331-03	A	SCREW,CAP SOC HEX 6-	16	16
21	21	BLANK				0	0
22	22	D-CS-5410663-0-0	5410663-01		PCB (70-9404) H761	2	2
23	23		9008268-00	A	COMPOUND, THERMAL JJINT	A/R	A/R
24	24		9008185-00	A	NUT,HEX EXT TOOTH LCK#SHR 6-32	40	40
25	25		1111481-00	A	SCR PIV= 10 IO=35.00A	2	2
26	26		9006021-01	A	SCREW,WACH PAN PHIL 5-	2	2
27	27		9006633-00	A	WASHER,LOCK INTERVAL STEEL	3	3
28	28	C-IA-7411137-0-0	7411137-02		BUSSING STRIP NO 2 (KL10)	1	1
29	29		9008201-01	A	SCREW,TAP PAN SLJT 6-	12	12
30	30		1210130-00	A	SKT,XSTR 02PIN CAD TD-3	16	16

REVISION HISTORY			BASIC PART NO: 7009404			DRN: K. SANACHE			DATE: 21 DEC 73			D I G I T A L			
ENG	ECO NUMBER	REV	SECTION A OF A			CHK'D: D. HEALY			DATE: 2 FEB 74			TITLE PARTS LIST			
	INITIAL	F	SECTION VARIATION INDEX						DATE: 7 JUL 74			REGULATED HEAT SINK			
			[A]00,01									ASSY -2.0VJ			
			[B]			DES.ENG: J. DREW			DATE: 7 JUL 74			DOCUMENT NUMBER			
			[C]									SIZE CODE: NUMBER			
			[D]			RESP.ENG.: J. DREW			DATE: 7 JUL 74			K I PL 7009404-0-08P			
			[E]			MFG.ENG.: R. D'BRIAN			DATE: 6 SEP 74			RELEASE DATE: 06-MAR-84			
			[F]			ASSEMBLY NUMBER:			TOP DOCUMENT NUMBER:			FILE NAME:			
						ID-UA-7009404-0-0			ID-UA-7009404-0-0			Z7454F.PLS			
"THIS DRAWING AND THE SPECIFICATIONS CONTAINED HEREIN ARE CONFIDENTIAL AND PROPRIETARY. THEY 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. THIS IS AN UNPUBLISHED WORK PROTECTED UNDER THE FEDERAL COPYRIGHT LAWS."												EDIT #1		6	

MRO

MR

AUTOMATED BY PRTLST.5R(52)

PARTS LIST

SHEET A2 OF A2-

LINE	ITEM	TOP DOCUMENT	PART NUMBER	REV	DESCRIPTION	QTY PER VARIATION	
						00	01
VARIATION REVISION LEVEL:						F	A
31	31		9008274-00	B	FOAM, TAPE 3/8" X 3/8" BLACK	A/R	A/R
32	32		9009283-00	A	SPACER,CLEAR HOLE HEX ALUM 6	12	12
33	33		9009002-00		TERM BLOCK JUMPER	4	4
34	34		1503068-00	A	DEC3715 NPN 150WC SI 60 50 Y	4	4
35	35		1509730-00	B	DEC5301 NPN 200WC SI 40 20 Y	12	12
36	36		9007928-00		TERM,RING #10STUD CRIMP 14-1	8	8
37	37		9007969-00		TERM,QUICK .300TAB CRIMP 14-1	36	36
38	38		9007970-00		*** THIS ITEM IS NOT USED ***	-	-
39	39		9006070-01	A	SCREW,MACH PAN PHIL 10-	4	4
40	40		9107370-55	A	WIRE, 14AWG19/.0147IPVC 150V	A/R	A/R
41	41		9107360-55	A	WIRE, 18AWG(19/30)IPVC 150V	A/R	A/R
42	42		9107410-82	A	WIRE, 18AWG(19/30)IPVC 150V	A/R	A/R
43	43		9107360-22	A	WIRE, 18AWG(19/30)IPVC 150V	A/R	A/R
44	44		9107370-00	A	WIRE, 14AWG19/.0147IPVC 150V	A/R	A/R
45	45		9107390-22	A	WIRE, 10AWG(105/30)IPVC 300V1	A/R	A/R
46	46		9107360-11	A	WIRE, 18AWG(19/30)IPVC 150V	A/R	A/R
47	47		9107410-81	A	WIRE, 18AWG(19/30)IPVC 150V	A/R	A/R
48	48		9107430-29	A	*** THIS ITEM IS NOT USED ***	-	-
49	49		9007775-00	A	STUD,BALL .250X0.447	1	1
50	50		9006020-01	A	SCREW,MACH PAN PHIL 5-	1	1
51	51		9006037-01	A	SCREW,MACH PAN PHIL 8-	3	3
52	52		9006634-00	A	WASHER,LOCK INTERNAL STEEL	3	3
53	53		9009255-00	B	LABEL, POWER SUPPLY, 2-15/16 " L	1	1
54	54		9007080-00	A	CLAMP,CABLE,SCREW MTD. 3/16"	2	2
55	55		9006635-00	A	WASHER,LOCK INTERNAL STEEL	4	4
56	56		9007920-00		TERM QUICK .300TAB CRIMP 12-1	2	2
57	57		9006557-00	A	NUT,HEX EXT TOOTH LOCKWHR 4-40	4	4
58	58		9007046-00	A	GROMMET,STRIP POLYETHELENE	A/R	A/R
59	59		9007594-00	A	ADHESIVE,NEOPRENE	A/R	A/R
60	60		9009321-00	A	LOCK TITE, SCREW LOCK, 10CC PER	A/R	A/R
61	61		9006707-00	A	WASHER,FLAT NYLON	2	2
62	62		9006669-00	A	WASHER,FLAT SST	2	2
63	63		1213071-02		INSULATOR,RUBBER SILICONE SM	2	2
64	64		9107714-00	A	TUBING,SHRINK .093ID EXP	A/R	A/R
65	65		1210930-02		FAN,TUBE AXIAL 4.5" 100CFM 230V	1	-
66	66		1215041-00	A	THERMOSTAT,JQ190,CQ230,SPST	2	2
67	67		7419817-00		BRKT THERMOSTAT MTG	1	1
68	68		7419817-01		BRKT THERMOSTAT MTG	1	1
69	69		9005332-03	A	SCREW,CAP SDC HEX 6-	2	2
70	70		1217916-02	A	FAN,TUBE AXIAL 4.5" 120CFM 230V	-	1

D I G I T A L	TITLE	SECTION A OF A	SIZEICJDEI	DOCUMENT NUMBER	REV
	REGULATED HEAT SINK				
	ASSY -2.0V1				
			PL	7009404-0-0BP	F

MRO

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED IN COPY OR IN WHOLE OR IN PART IN THE BASIC OR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION.
COPYRIGHT © 1972, DIGITAL EQUIPMENT CORPORATION

WIRE TABLE					
ITEM DESCRIPTION		FROM		TO	
NO.	AWG. COLOR	CONN.	WITH	CONN.	WITH
39	14	GRY	PC1-28	38	Q1-3
			PC1-27	38	Q2-3
			SOLD		
			Q3-1		
			SOLD		
			Q4-1		
			SOLD		
39	14	GRY	PC1-25	36	Q1-3
42	18	Y10		36	Q1-5
41		GRY	PC1-28	36	D1-1
45		GRY/Y10	PC1-23	36	Q2-1
41		GRY			Q2-1
41	14		Q2-1	SOLD	
39	14		PC1-22	38	Q3-2
			PC1-24		Q2-2
			PC1-21		Q1-1
			PC1-20		Q3-3
			PC1-19		Q4-3
			PC1-18		Q5-3
39		GRY	PC1-17	38	Q8-3
			SOLD		
38		GRY	TB1-1	14	PC1-18
			TB1-2	14	PC1-15
38		GRY			
38		GRN	TB1-3	14	PC1-14
			TB1-4	14	PC1-13
			PC1-1	38	Q7-3
			PC1-2	38	Q8-3
			Q9-3	SOLD	
			Q10-1		Q9-1
			Q12-1	SOLD	
39	14	GRN	PC1-4	38	Q2-3
44	18	WHT	PC1-3	36	J1-2
43		GRN			Q2-1
48		GRY-WHT	PC1-6	38	J1-1
43		GRN			Q9-1
43	18		Q9-1	SOLD	
39	14		PC1-7	38	Q9-2
			PC1-5		Q9-2
			PC1-8		Q7-1
			PC1-9		Q9-3
			PC1-10		Q10-3
			PC1-11		Q11-3
38		GRN	PC1-12	38	Q12-3
40		BLK	PC1-30	33	D2-2
					J1-3
			PC1-29	33	D1-2
40	14	BLK			J1-6

WIRE TABLE					
ITEM DESCRIPTION		FROM		TO	
NO.	AWG. COLOR	CONN.	WITH	CONN.	WITH
39	14	GRY	PC2-28	38	Q19-3
			PC2-27	38	Q20-3
			SOLD		
			Q21-1		
			SOLD		
			Q23-1		Q22-1
			SOLD		Q24-1
39	14	GRY	PC2-25	38	Q3-3
42	18	Y10		36	J2-2
41		GRY	PC2-28	36	D3-1
45		GRY/Y10	PC2-23	36	J2-1
41		GRY			Q20-1
41	18		Q20-1	SOLD	Q19-2
38	14		PC2-22	38	Q21-2
			PC2-24		Q20-2
			PC2-21		Q19-1
			PC2-20		Q21-3
			PC2-19		Q22-3
			PC2-18		Q23-3
38		GRY	PC2-17	38	Q24-3
			SOLD		
38		GRY	TB2-1	14	PC2-18
			TB2-2	14	PC2-15
38		GRY			
38		GRN	TB2-3	14	PC2-14
			TB2-4	14	PC2-13
			PC2-1	38	Q13-3
			PC2-2	38	Q14-3
			SOLD		
			Q19-1		Q18-1
			Q17-1	SOLD	Q18-1
39	14	GRN	PC2-4	38	Q4-3
44	18	WHT	PC2-3	36	J2-5
43		GRN			Q4-1
48		GRY-WHT	PC2-6	36	J2-4
43		GRN			SOLD
43	18	GRN	Q13-2	SOLD	Q14-1
39	14	GRN	PC2-5	38	Q14-2
			PC2-7		Q15-2
			PC2-8		Q13-1
			PC2-9		Q15-3
			PC2-10		Q18-3
			PC2-11		Q17-3
39		GRN	PC2-12	38	Q18-3
40		BLK	PC2-30	33	D4-2
					J2-6
			PC2-29	33	D3-2
40	14	BLK			J2-3

REVISIONS		
CHK	CHANGE NO.	REV

AUTOMATED BY PRILST.5R(52)

P A R T S L I S T

SHEET A1 OF A2

LINE ITEM		TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VARIATION	
						00	01
						F	A
VARIATION REVISION LEVEL:							
1	1		1211480-00	D	HEAT SINKS, 8.900X4.68	1	1
2	2	D-IA-7411262-0-0	7411262-00		PLATE HEAT SINK MFG (KL10)	1	1
3	3	D-IA-7411000-0-0	7411000-00		SUPPORT HEAT SINK (KL10)	1	1
4	4	C-IA-7410999-0-0	7410999-00	A	CONN BRACKET (KL10)	1	1
5	5	C-IA-7411136-0-0	7411136-00		BUSSING STRIP NO 1 (KL10)	4	4
6	6	C-IA-7411137-0-0	7411137-01		BUSSING STRIP NO 2 (KL10)	2	2
7	7	C-IA-7411137-0-0	7411137-02		BUSSING STRIP NO 2 (KL10)	2	2
8	8	E-IA-7411001-0-0	7411001-00		FAN BRKT (KL10)	1	1
9	9	B-MD-7411295-0-0	7411295-00	A	STANDOFF BUSHING (KL10)	20	20
10	10		1209350-06		MATE-N-LOK 06SKT(3X02).240CC HSG	2	2
11	11	BLANK				0	0
12	12		1209379-02	M	MATE-N-LOK 01SKT 20-14AWG .082JD	12	12
13	13		1210930-01	E	*** THIS ITEM IS NOT USED ***	-	-
14	14		9007926-01		TERM, RING #10STUD CRIMP 10-1	8	8
15	15		9007031-00	B	TIE, CABLE BUNDL DIA 0- 3/4"=101	7	7
16	16		1203346-00	A	TERM BLOCK 04POS(1X04).437CC	2	2
17	17	BLANK				0	0
18	18	BLANK				0	0
19	19		9009648-08	A	SCREW, CAP SOC HEX 6-	20	20
20	20		9006331-08	A	SCREW, CAP SOC HEX 5-	26	26
21	21	BLANK				0	0
22	22	D-CS-5410665-0-0	5410665-00		-5.2 REG HEAT SINK ASSY	2	2
23	23		9008268-00	A	COMPOUND, THERMAL JOINT	A/R	A/R
24	24		9007081-00	A	CLAMP, CABLE, SCREW MTD. 1/4"	1	1
25	25		1111481-00	A	CCR PIV= 10 IO=35.00A	4	4
26	26		9006021-01	A	SCREW, MACH PAN PHIL 5-	2	2
27	27		9006633-00	A	WASHER, LOCK INTERNAL STEEL	4	4
28	28		9006037-01	A	SCREW, MACH PAN PHIL 8-	3	3
29	29		9008201-01	A	SCREW, TAP PAN SLJT 5-	13	13
30	30		1210130-00	A	SKT, XSTR 02PIN CAD TD-3	24	24

REVISION HISTORY			BASIC PART NO: 7009405			IDRN: K. GAVACHE			DATE: 13 DEC 73			D I G I T A L		
ENGI	ECO NUMBER	REV	SECTION A OF A											
	INITIAL	F	SECTION VARIATION INDEX			CHK'D: D. HEALY			DATE: 7 JUL 74			TITLE PARTS LIST		
			CA100,01									REGULATED HEAT SINK		
			[BJ			DES.ENG: J. DREW			DATE: 19 SEP 74			DOCUMENT NUMBER		
			[CJ									SIZE CODE NUMBER		
			[DJ			RESP.ENG.: J. DREW			DATE: 19 SEP 74			K I PL 7009405-0-DBP		
			[EJ			MFG.ENG.: R. O'BRIAN			DATE: 9 NOV 74			RELEASE DATE: 06-MAR-84		
			[FJ			ASSEMBLY NUMBER:			TOP DOCUMENT NUMBER:			FILE NAME:		
						ID-0A-7009405-0-0			ID-0A-7009405-0-0			Z7455F.PLS		
												EDIT #		
												5		

"THIS DRAWING AND THE SPECIFICATIONS CONTAINED HEREIN ARE CONFIDENTIAL AND PROPRIETARY. THEY 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. THIS IS AN UNPUBLISHED WORK PROTECTED UNDER THE FEDERAL COPYRIGHT LAWS."

MRO

AUTOMATED BY PRTLST.5R(52)

PARTS LIST

SHEET A2 OF A2

LINE	ITEM	TOP DOCUMENT	PART NUMBER	REV	DESCRIPTION	QTY PER VARIATION	
						JO	01
					VARIATION REVISION LEVEL:	F	A
31	31		9008274-00	B	FOAM, TAPE 3/8" X 3/8" BLACK	A/R	A/R
32	32		9009283-00	A	SPACER, CLEAR HOLE HEX ALUM 6	12	12
33	33		9007920-00		TERM QUICK .300TA9 CRIMP 12-1	12	12
34	34		1503068-00	A	DEC3715 NPN 150MC SI 50 50 V	8	8
35	35		1509730-00	B	DEC5301 NPN 200MC SI 40 20 M	15	15
36	36		9007969-00		TERM, QUICK .300TA9 CRIMP 14-1	48	48
37	37		9009255-00	B	LABEL, POWER SUPPLY, 2-15/16" L	1	1
38	38		9107370-88	A	WIRE, 14AWG19/.0147IPVC 150V	A/R	A/R
39	39		9107370-55	A	WIRE, 14AWG19/.0147IPVC 150V	A/R	A/R
40	40		9107370-00	A	WIRE, 14AWG19/.0147IPVC 150V	A/R	A/R
41	41		9107360-83	A	WIRE, 18AWG(19/30)IPVC 150V	A/R	A/R
42	42		9107360-77	A	WIRE, 18AWG(19/30)IPVC 150V	A/R	A/R
43	43		9107360-55	A	WIRE, 18AWG(19/30)IPVC 150V	A/R	A/R
44	44		9107360-99	A	WIRE, 18AWG(19/30)IPVC 150V	A/R	A/R
45	45		9107410-87	A	WIRE, 18AWG(19/30)IPVC 150V	A/R	A/R
46	46		9107410-89	A	WIRE, 18AWG(19/30)IPVC 150V	A/R	A/R
47	47		9107430-29	A	*** THIS ITEM IS NOT USED ***	-	-
48	48		9007775-00	A	STUD, BALL .250X0.447	1	1
49	49		9006020-01	A	SCREW, MACH PAN PHIL 5-	1	1
50	50		9008185-00	A	NUT, HEX EXT TOOTH LCKWSHR 6-32	56	56
51	51		9006634-00	A	WASHER, LOCK INTERNAL STEEL	3	3
52	52		9007080-00	A	CLAMP, CABLE, SCREW MID. 3/16"	2	2
53	53		9006557-00	A	NUT, HEX EXT TOOTH LCKWSHR 4-40	4	4
54	54		9007046-00	A	GROMMET, STRIP POLYETHYLENE	A/R	A/R
55	55		9007594-00	A	ADHESIVE, NEOPRENE	A/R	A/R
56	56		9107240-00	A	WRAP, CABLE, .2500D VINYL	A/R	A/R
57	57		9006653-00	A	WASHER, FLAT STEEL	1	1
58	58		9009321-00	A	LOCK TITE, SCREW LOCK, 10CC PER	A/R	A/R
59	59		9006669-00	A	WASHER, FLAT SST	4	4
60	60		1213071-02		INSULATOR, RUBBER SILICONE SM	4	4
61	61		9107714-00	A	TUBING, SHRINK .093ID EXP	A/R	A/R
62	62		1210930-02		FAN, TUBE AXIAL 4.5" 100CFM 230V	1	-
63	63		1215041-01	A	THERMOSTAT, 00220, C2260, SPST	2	2
64	64		7419817-00		BRKT THERMOSTAT MTG	1	1
65	65		7419817-01		BRKT THERMOSTAT MTG	1	1
66	66		9006332-08	A	SCREW, CAP SOC HEX 5-	2	2
67	67		1217916-02	A	FAN, TUBE AXIAL 4.5" 120CFM 230V	-	1

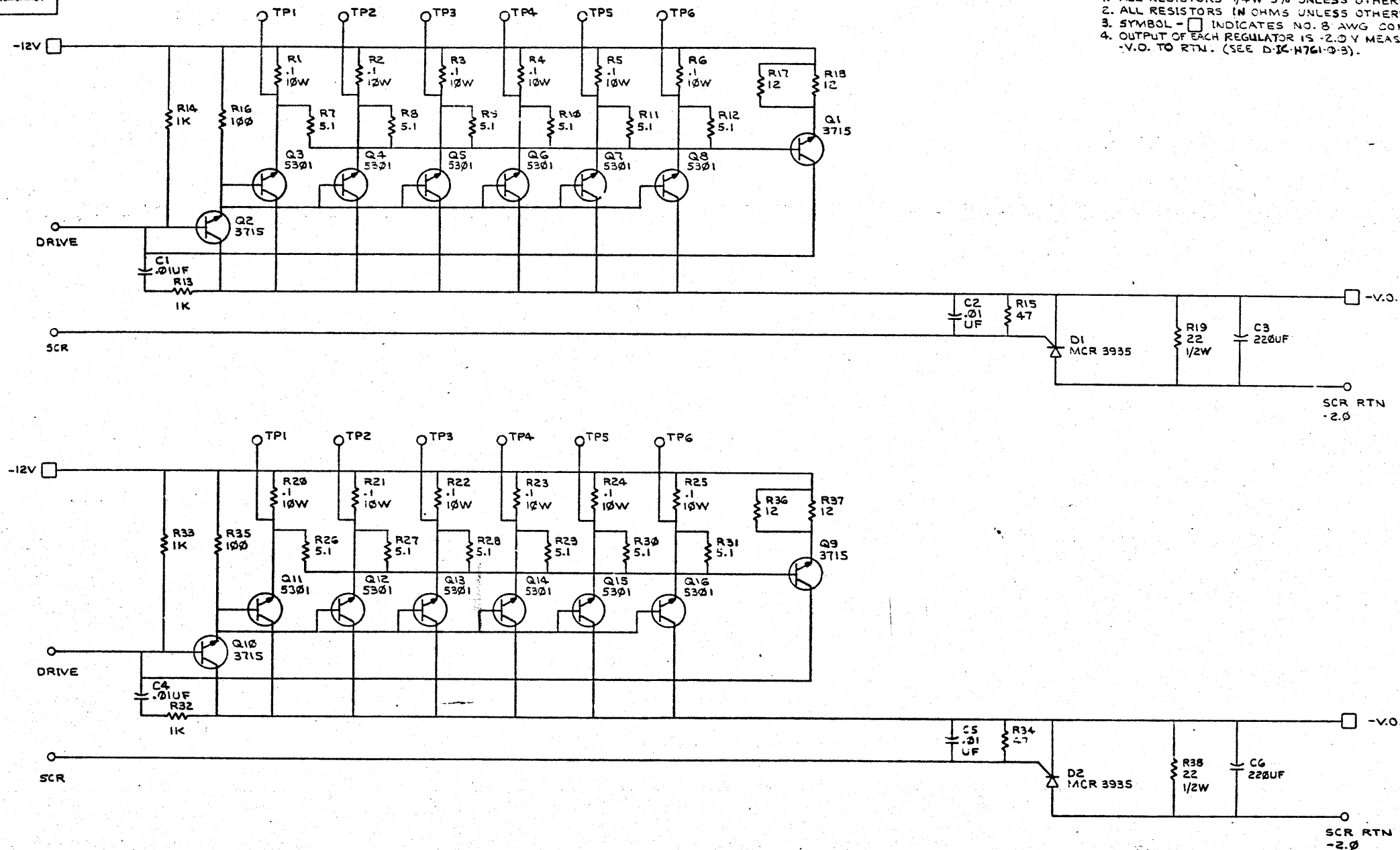
DIGITAL		TITLE		SECTION A OF A		SIZE/CORR DOCUMENT NUMBER		REV
		REGULATED HEAT SINK				K PL 7009405-0-DBP		F
		ASSY -5.2V						

MRO

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED 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. ALL RESISTORS 1/4W 5% UNLESS OTHERWISE STATED.
2. ALL RESISTORS IN OHMS UNLESS OTHERWISE STATED.
3. SYMBOL -  INDICATES NO. 8 AWG CONNECTION.
4. OUTPUT OF EACH REGULATOR IS -2.0 V MEASURED FROM -V.O. TO RTN. (SEE D-14-H761-0-3).

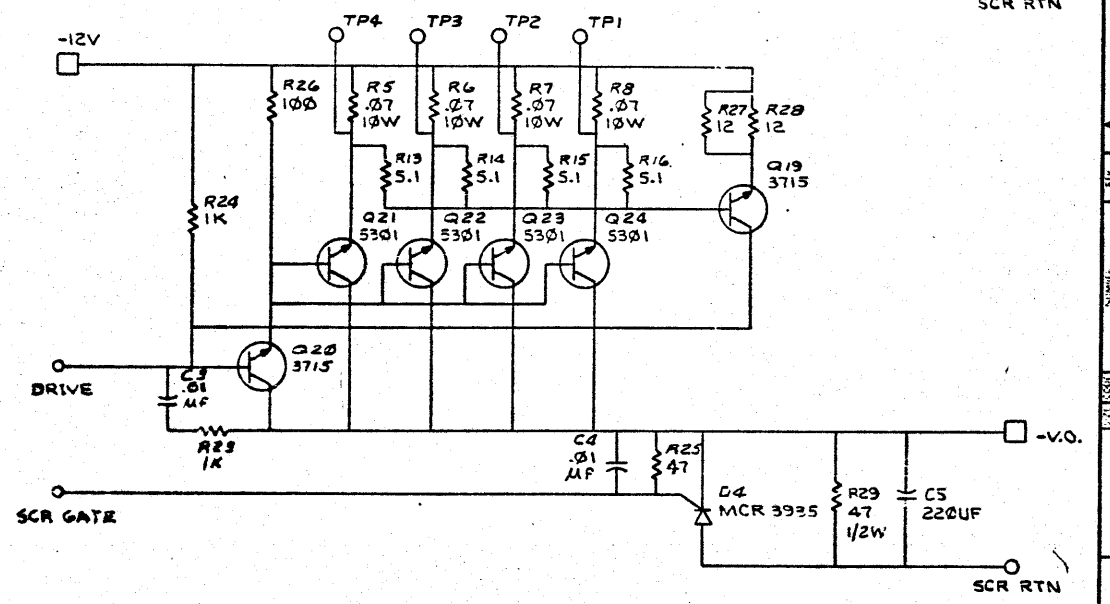
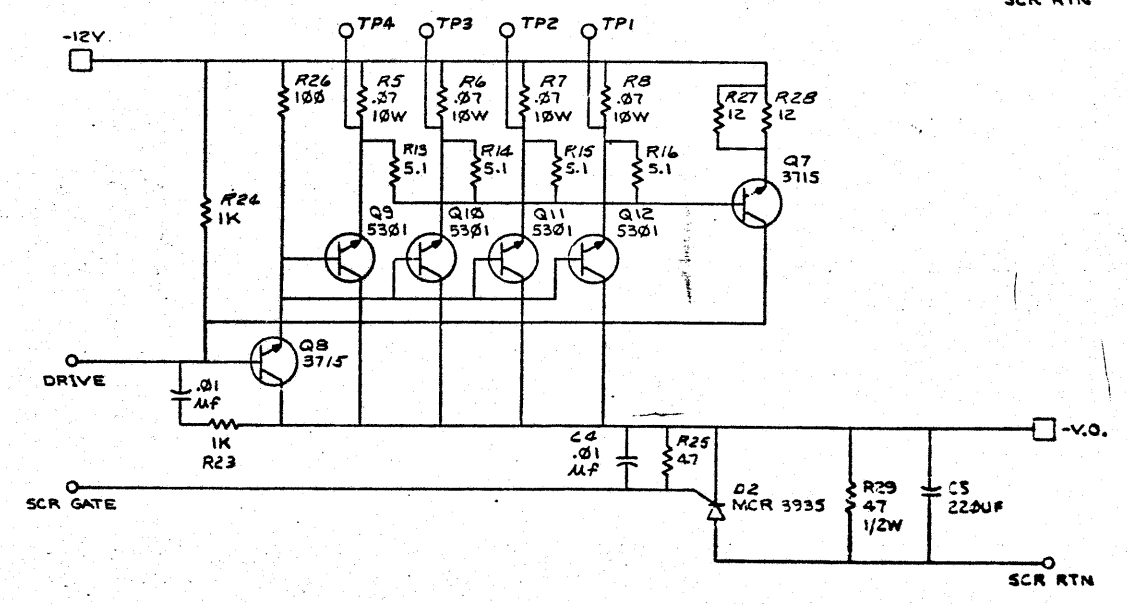
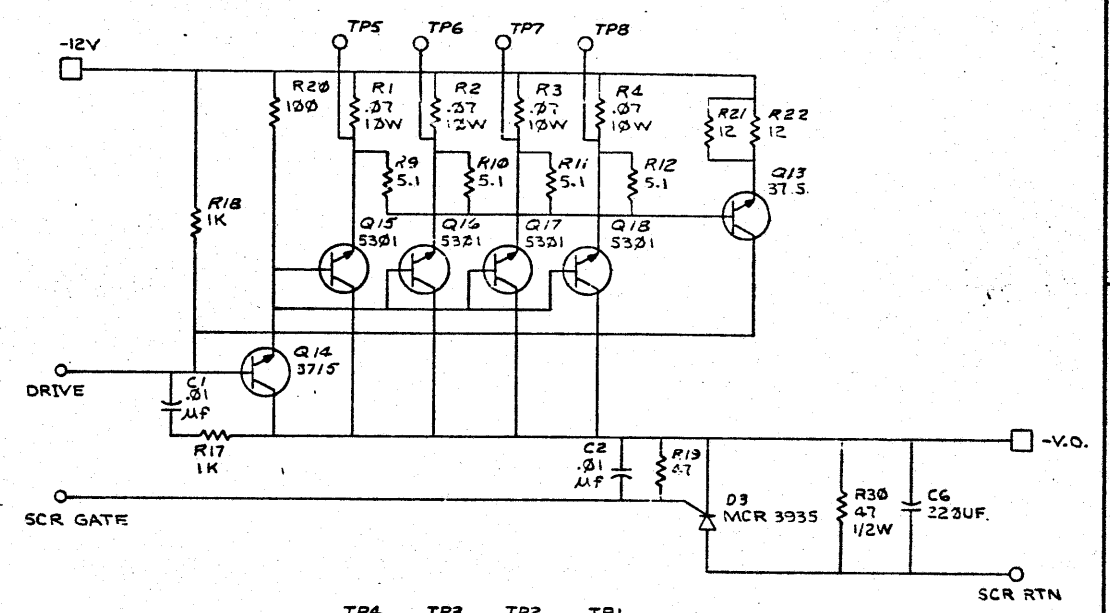
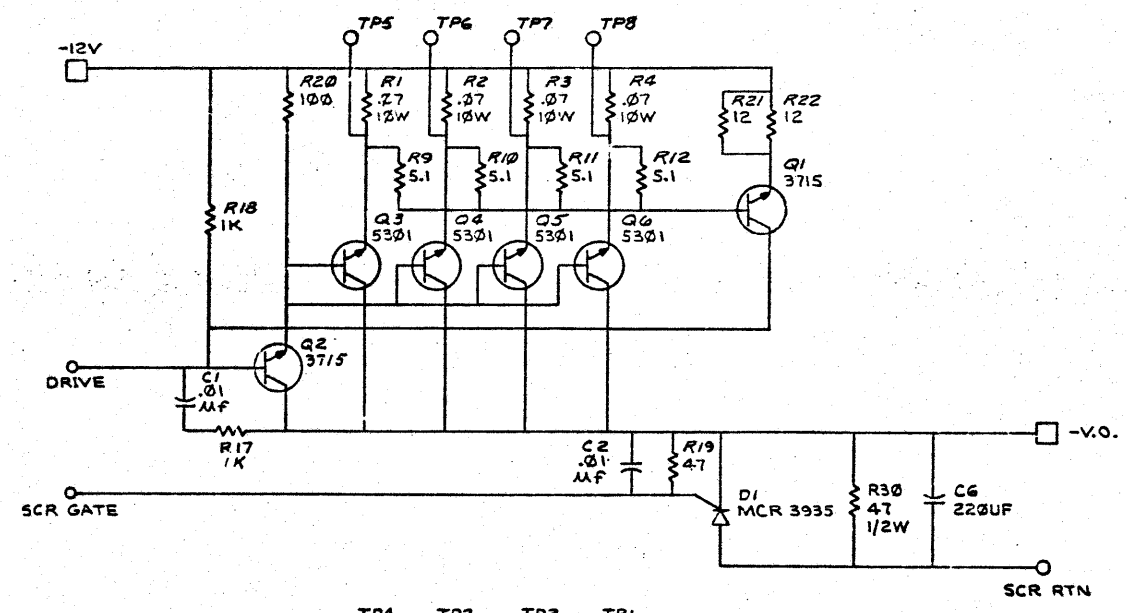


FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
KL10					
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES		DRN	DATE	PARTS LIST	
TOLERANCES		CHKD	DATE	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
DECIMALS	ANGLES	ENG	DATE	TITLE	
.005	± 30°	PROJ. ENG	DATE	-2.0 V	
.02		PROD.	DATE	HEAT SINK ASSY	
REMOVE BURRS AND BREAK SHARP CORNER SURFACE QUALITY		PROD.	DATE	SIZE CODE	
MATERIAL		NEXT HIGHER ASSY.		NUMBER	
FINISH		H761		D CS 7009404-0-1	
SCALE		SHEET 1 OF 1		REV.	

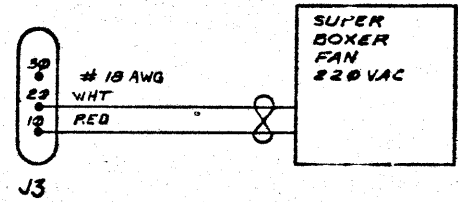
THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION, AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS A BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1975, DIGITAL EQUIPMENT CORPORATION

NOTES:
1. OUTPUT OF EACH REGULATOR IS -5.2 V MEASURED FROM -V.O. TO RTN. (SEE D-IC: H761-0 3).

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



MATE-N-LOK LOCATED ON HEAT SINK MOUNTING BKT.

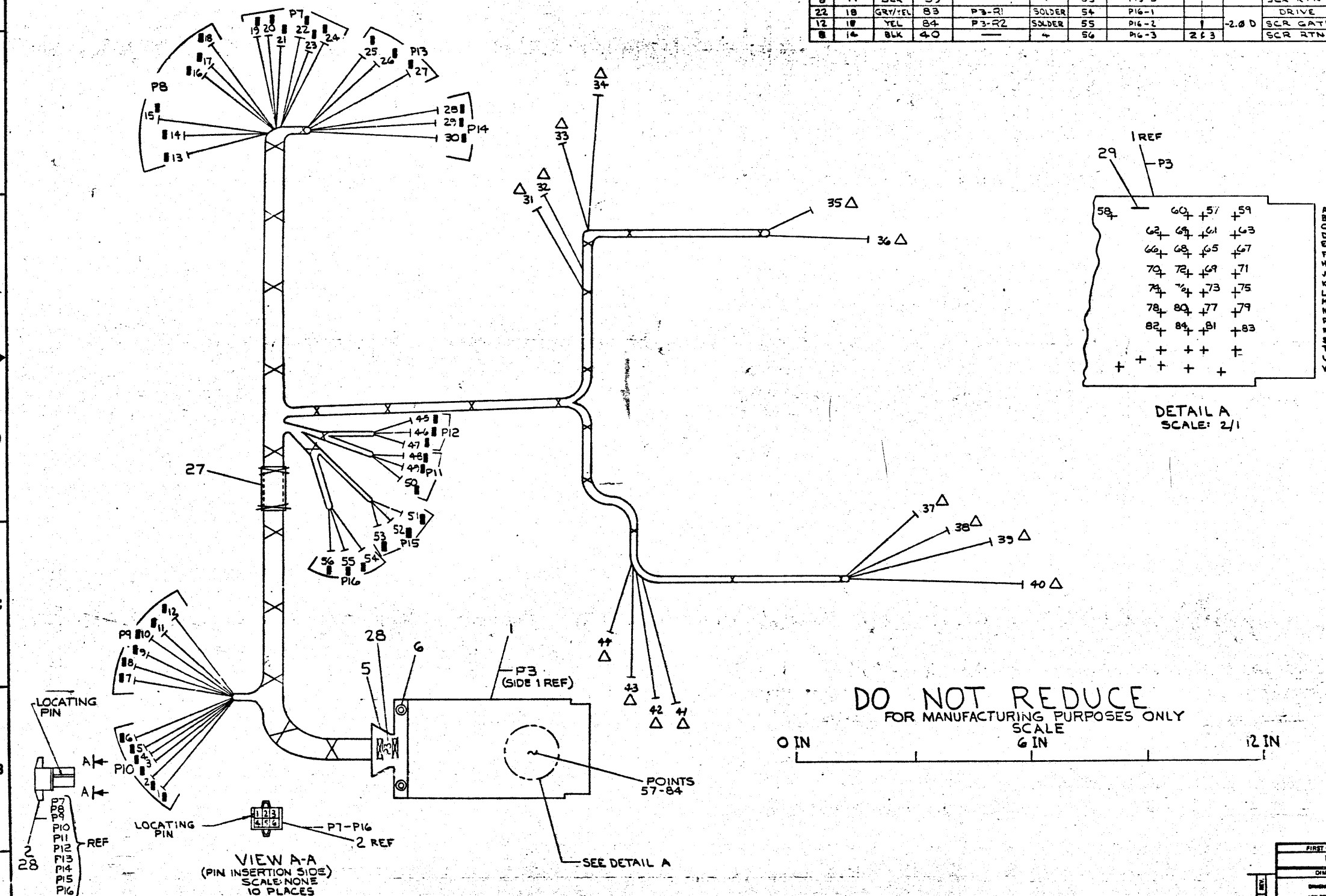


FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
KL10				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES				
TOLERANCES				
DECIMALS	ANGLES	DATE	PARTS LIST	
.XXX = .005	.0 30'	7/13/73	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
.X = .1		DATE		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY Y		DATE	TITLE	
		DATE		
MATERIAL	NEXT HIGHER ASSY.	DATE	-5.2 V HEAT SINK ASSY	
FINISH		DATE		
		DATE	SIZE CODE NUMBER REV.	
		DATE		
		DATE	D CS 7009405-0-1	
		DATE		
		DATE	SHEET 1 OF 1	
		DATE		

WIRE TABLE										
ITEM NO.	DESCRIPTION	POINT	FROM CONNECTION	TERM	POINT	TO CONNECTION	TERM		FUNCTION	
15	19	VIO	67	P3-1	SOLDER	1	P10-1	263	-51H	DRIVE
25	19	GRN/VIO	70	P3-2	SOLDER	2	P10-2			SCR GATE
8	14	BLK	42	---		3	P10-3			SCR RTN
16	19	GRY	71	P3-1	SOLDER	4	P10-4		-52J	DRIVE
18	18	GRY/BLK	72	P3-2	SOLDER	5	P10-5			SCR GATE
8	14	BLK	41	---		6	P10-6			SCR RTN
13	19	GRN	65	P3-E1	SOLDER	7	P9-1		-52E	DRIVE
23	18	GRY/GRN	66	P3-E2	SOLDER	8	P9-2			SCR GATE
8	14	BLK	44	---		9	P9-3			SCR RTN
14	18	BLU	67	P3-F1	SOLDER	10	P9-4		-52F	DRIVE
24	18	GRY/BLU	68	P3-F2	SOLDER	11	P9-5			SCR GATE
8	14	BLK	43	---		12	P9-6			SCR RTN
11	19	ORN	61	P3-C1	SOLDER	13	P8-1		-52C	DRIVE
21	19	GRY/ORN	62	P3-C2	SOLDER	14	P8-2			SCR GATE
8	14	BLK	34	---		15	P8-3			SCR RTN
12	18	YEL	63	P3-D1	SOLDER	16	P8-4		-52D	DRIVE
22	18	GRY/YEL	64	P3-D2	SOLDER	17	P8-5			SCR GATE
9	14	BLK	32	---		18	P8-6	263		SCR RTN

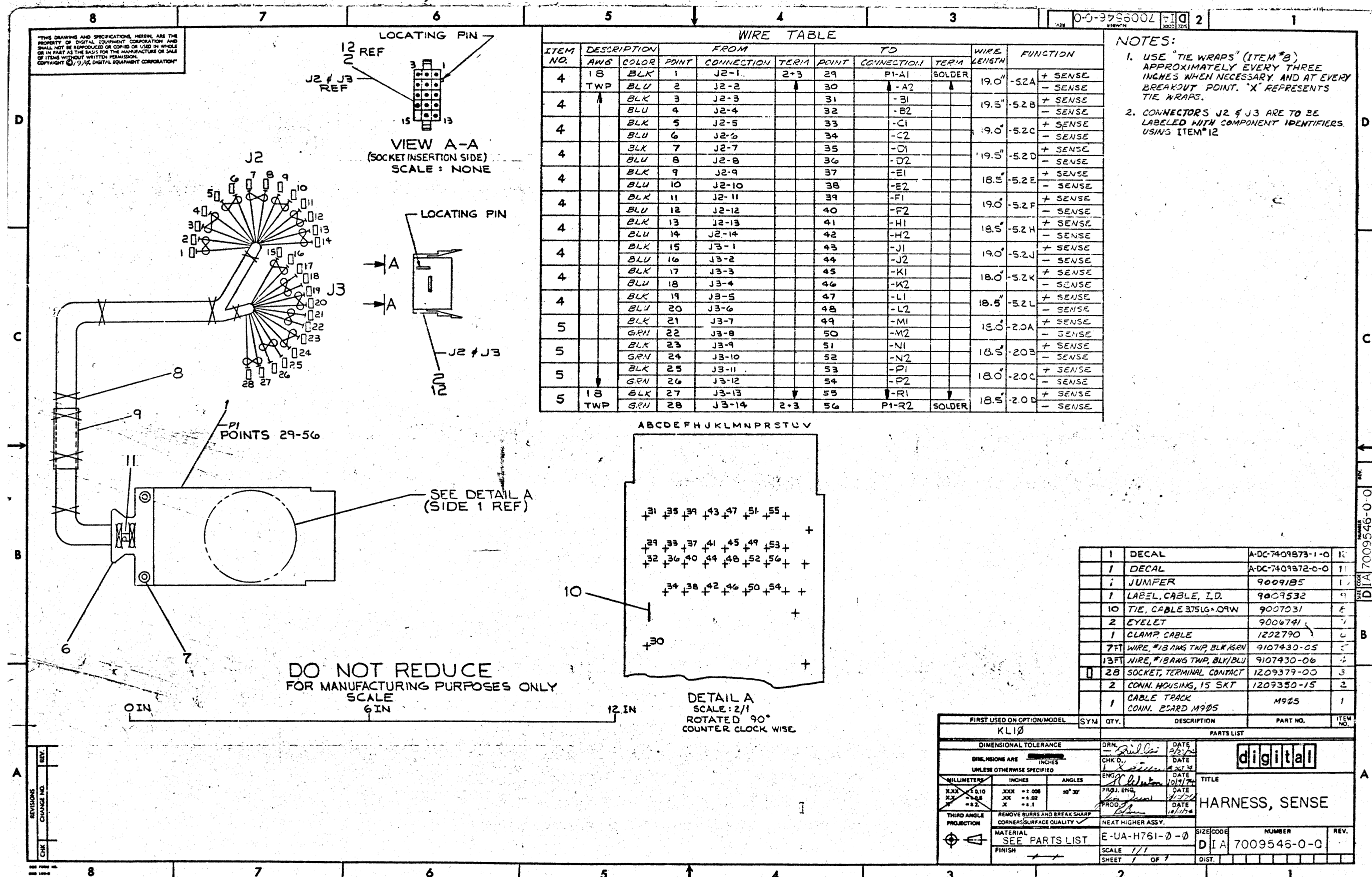
ITEM NO.	AWG	DESCRIPTION	POINT	FROM CONNECTION	TERM	POINT	TO CONNECTION	TERM	FUNCTION	
7	18	BRN	57	P3-A1	SOLDER	19	P7-1	2 F3	-5.2 A	DRIVE
19	18	GRY/BRN	58	P3-A2	SOLDER	20	P7-2			SCR GATE
8	14	BLK	31	---	4	21	P7-3			SCR RTN
20	18	RED	59	P3-B1	SOLDER	22	P7-4		-5.2 B	DRIVE
20	18	GRY RD	60	P3-B2	SOLDER	23	P7-5			SCR GATE
8	14	BLK	33	---	4	24	P7-6			SCR RTN
17	18	WHT	73	P3-K1	SOLDER	45	P12-1		-5.2 K	DRIVE
26	18	GRY/WHT	74	P3-K2	SOLDER	46	P12-2			SCR GATE
8	14	BLK	35	---	4	47	P12-3			SCR RTN
25	18	GRY/WO	75	P3-L1	SOLDER	48	P11-1		-5.2 L	DRIVE
15	18	VIO	76	P3-L2	SOLDER	49	P11-2			SCR GATE
8	14	BLK	36	---	4	50	P11-3			SCR RTN
19	18	GRY/BRN	77	P3-M1	SOLDER	25	P13-1		-2.0 A	DRIVE
9	18	BRN	78	P3-M2	SOLDER	26	P13-2			SCR GATE
8	14	BLK	37	---	4	27	P13-3			SCR RTN
20	18	GRY/RED	79	P3-N1	SOLDER	28	P14-1		-2.0 B	DRIVE
10	18	RED	80	P3-N2	SOLDER	29	P14-2			SCR GATE
8	14	BLK	38	---	4	30	P14-3			SCR RTN
21	18	GRY/ORN	81	P3-P1	SOLDER	51	P15-1		-2.0 C	DRIVE
11	18	ORN	82	P3-P2	SOLDER	52	P15-2			SCR GATE
8	14	BLK	39	---	4	53	P15-3			SCR RTN
22	18	GRY/YEL	83	P3-R1	SOLDER	54	P16-1		-2.0 D	DRIVE
12	18	YEL	84	P3-R2	SOLDER	55	P16-2			SCR GATE
8	14	BLK	40	---	4	56	P16-3	2 F3		SCR RTN

NOTES:
1. USE "TIE WRAPS" (ITEM #7) APPROXIMATELY EVERY THREE INCHES WHEN NECESSARY, AND AT EVERY BREAK-OUT POINT. 'X' REPRESENTS TIE WRAP
2. LABEL ALL CUT LINES WITH POINT DESIGNATIONS SHOWN, USING BRADY MARKERS.

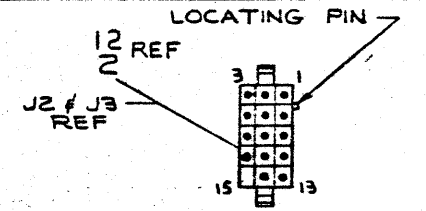


	1	JUMPER	9009185	29
	1	DECAL	4027409672-00	28
	1	LABEL,CABLE, I.D.	9009532	27
	2 FT	WIRE, 18AWG, EPVC, GR/Y/WT	9107410-89	26
	3 FT	WIRE, 18AWG, EPVC, GR/Y/VO	9107410-97	25
	1 FT	WIRE, 18AWG, EPVC, GR/Y/BLU	9107410-86	24
	1 FT	WIRE, 18AWG, EPVC, GR/Y/GRN	9107410-85	23
	4 FT	WIRE, 18AWG, EPVC, GR/Y/YEL	9107410-84	22
	4 FT	WIRE, 18AWG, EPVC, GR/Y/ORN	9107410-83	21
	5 FT	WIRE, 18AWG, EPVC, GR/Y/RED	9107410-82	20
	5 FT	WIRE, 18AWG, EPVC, GR/Y/BRN	9107410-81	19
	1 FT	WIRE, 18AWG, EPVC, GR/Y/BLK	9107410-80	18
	2 FT	WIRE, 18AWG, EPVC, WHT	9107360-99	17
	1 FT	WIRE, 18AWG, EPVC, GR/Y	9107360-98	16
	3 FT	WIRE, 18AWG, EPVC, VIO	9107360-77	15
	1 FT	WIRE, 18AWG, EPVC, BLU	9107360-66	14
	1 FT	WIRE, 18AWG, EPVC, GRN	9107360-55	13
	4 FT	WIRE, 18AWG, EPVC, YEL	9107360-44	12
	4 FT	WIRE, 18AWG, EPVC, ORN	9107360-33	11
	5 FT	WIRE, 18AWG, EPVC, RED	9107360-22	10
	5 FT	WIRE, 18AWG, EPVC, BRN	9107360-11	9
	3 FT	WIRE, 18AWG, EPVC, BLK	9107370-00	8
	31	TIE, CABLE 375L6-09N	9007031	7
	2	EYELET	9006741	6
	1	CLAMP,CABLE	1202790	5
△	14	CONN, SOLDERLESS	9001729	4
■	42	PIN, TERMINAL CONT	1209373-00	3
	10	CONN HOUSING, 6 PIN	1209351-06	2
	1	CABLE TAY CONN 20 M35S	M235	1

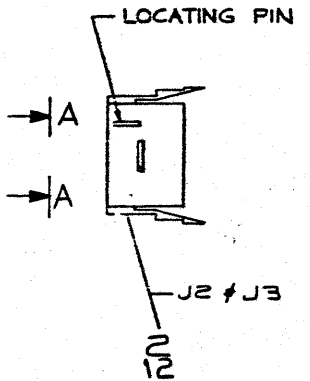
REV.	FIRST USED ON OPTION/MODEL		SYN	QTY.	DESCRIPTION	PART NO.	ITEM NO.
	KL12					PARTS LIST	
CHANGES	DIMENSIONAL TOLERANCE				DATE <i>1/2/74</i>		
	DIMENSIONS ARE ~~AS SHOWN~~				CHG'D. <i>1/2/74</i>		
QUANTITY	UNLESS OTHERWISE SPECIFIED				ENG. <i>1/2/74</i>	TITLE	
	WALL THICKNESS	HOLE	WHEELS	ANGLES	PROL. ENG. <i>1/2/74</i>	HARNESS	
	$1.5 \pm .005$ $1.2 \pm .005$ $1.0 \pm .005$	$3.00 \pm .005$ $2.0 \pm .005$ $1.0 \pm .005$	$1.5 \pm .005$ $1.0 \pm .005$ $0.5 \pm .005$	90° 45° 30°	$1.5 \pm .005$ $1.0 \pm .005$ $0.5 \pm .005$	DRIVE, SCR & SCR RTN	
	THIRD ANGLE PROJECTION	REMOVE BURLS AND BREAK SHARP CORNER SURFACE QUALITY			NEXT HIGHER ASY.	SIZE CODE	REV.
		MATERIAL			F-11A-1761-0-1	NUMBER	



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

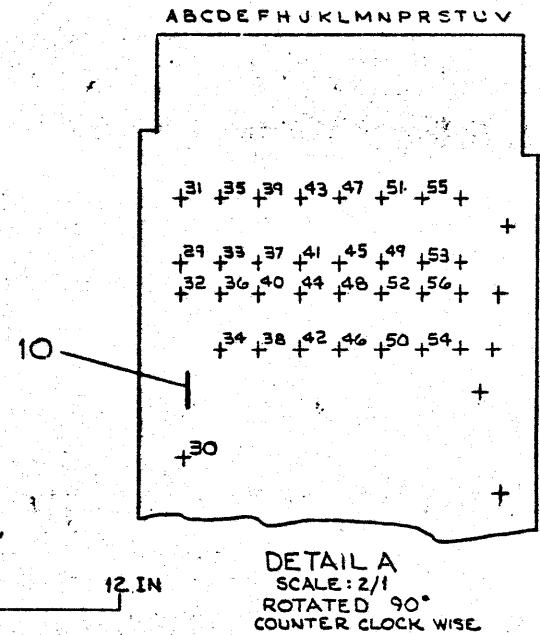


VIEW A-A (SOCKET INSERTION SIDE) SCALE: NONE



WIRE TABLE											
ITEM NO.	DESCRIPTION		FROM			TO			WIRE LENGTH	FUNCTION	
			AWG	COLOR	POINT	CONNECTION	TERMINAL	POINT			
4	18	BLK	1	J2-1	2+3	29	P1-A1	SOLDER	19.0"	-52A	+ SENSE
4	TWP	BLU	2	J2-2		30	-A2			- SENSE	
4		BLK	3	J2-3		31	-B1		19.5"	-52B	+ SENSE
4		BLU	4	J2-4		32	-B2			- SENSE	
4		BLK	5	J2-5		33	-C1		19.0"	-52C	+ SENSE
4		BLU	6	J2-6		34	-C2			- SENSE	
4		BLK	7	J2-7		35	-D1		19.5"	-52D	+ SENSE
4		BLU	8	J2-8		36	-D2			- SENSE	
4		BLK	9	J2-9		37	-E1		18.5"	-52E	+ SENSE
4		BLU	10	J2-10		38	-E2			- SENSE	
4		BLK	11	J2-11		39	-F1		19.0"	-52F	+ SENSE
4		BLU	12	J2-12		40	-F2			- SENSE	
4		BLK	13	J2-13		41	-H1		18.5"	-52H	+ SENSE
4		BLU	14	J2-14		42	-H2			- SENSE	
4		BLK	15	J3-1		43	-J1		19.0"	-52J	+ SENSE
4		BLU	16	J3-2		44	-J2			- SENSE	
4		BLK	17	J3-3		45	-K1		18.0"	-52K	+ SENSE
4		BLU	18	J3-4		46	-K2			- SENSE	
4		BLK	19	J3-5		47	-L1		18.5"	-52L	+ SENSE
4		BLU	20	J3-6		48	-L2			- SENSE	
5		BLK	21	J3-7		49	-M1		18.0"	-20A	+ SENSE
5		GRN	22	J3-8		50	-M2			- SENSE	
5		BLK	23	J3-9		51	-N1		18.5"	-20B	+ SENSE
5		GRN	24	J3-10		52	-N2			- SENSE	
5		BLK	25	J3-11		53	-P1		18.0"	-20C	+ SENSE
5		GRN	26	J3-12		54	-P2			- SENSE	
5	18	BLK	27	J3-13	2+3	55	-R1		18.5"	-20D	+ SENSE
5	TWP	GRN	28	J3-14		56	P1-R2	SOLDER		- SENSE	

- NOTES:
1. USE "TIE WRAPS" (ITEM #8) APPROXIMATELY EVERY THREE INCHES WHEN NECESSARY, AND AT EVERY BREAKOUT POINT. "X" REPRESENTS TIE WRAPS.
 2. CONNECTORS J2 & J3 ARE TO BE LABELED WITH COMPONENT IDENTIFIERS, USING ITEM #12



ITEM NO.	DESCRIPTION	PART NO.	ITEM NO.
1	DECAL	A-DC-7409873-1-0	1
1	DECAL	A-DC-7409872-0-0	1
1	JUMPER	90091B5	1
1	LABEL, CABLE, I.D.	9009532	1
10	TIE, CABLE 375LG-09W	9007031	1
2	EYELET	9006741	1
1	CLAMP, CABLE	1222790	1
7 FT	WIRE, #18 AWG TWP, BLK/GRN	9107430-05	1
13 FT	WIRE, #18 AWG TWP, BLK/BLU	9107430-06	1
28	SOCKET, TERMINAL CONTACT	1209379-00	3
2	CONN. HOUSING, 15 SKT	1209350-15	2
1	CABLE TRACK	M905	1
1	CONN. BOARD M905		1

FIRST USED ON OPTION/MODEL		SYM	QTY.	DESCRIPTION	PART NO.	ITEM NO.
KL10						
DIMENSIONAL TOLERANCE		PARTS LIST				
DIMENSIONS ARE UNLESS OTHERWISE SPECIFIED		DRN.	DATE	digital		
MILLIMETERS		CHK'D.	DATE	TITLE		
INCHES		ENG.	DATE	HARNESS, SENSE		
ANGLES		PROJ. ENG.	DATE	SIZE CODE		
THIRD ANGLE PROJECTION		PROD.	DATE	NUMBER		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY		NEXT HIGHER ASSY.		REV.		
MATERIAL		E-UA-H751-0-0		SCALE		
FINISH		SCALE 1/1		SHEET		
		OF 1		DIST.		

ITEM NO.	DESCRIPTION		FROM			TO			WIRE LENGTH	FUNCTION
	AWG	COLOR	POINT	CONNECTION	TERM	POINT	CONNECTION	TERM		
5	18TWP	BLK	1	P2-A1	1	53	—	2	+	-5.2A
		BLU	2	P2-A2	1	56	—	2	—	OPEN SENSE
5	18TWP	BLK	3	P2-B1	1	53	—	2	+	-5.2B
		BLU	4	P2-B2	1	54	—	2	—	OPEN SENSE
5	18TWP	BLK	5	P2-C1	1	50	—	2	+	-5.2C
		BLU	6	P2-C2	1	49	—	2	—	OPEN SENSE
5	18TWP	BLK	7	P2-D1	1	52	—	2	+	-5.2D
		BLU	8	P2-D2	1	51	—	2	—	OPEN SENSE
5	18TWP	BLK	9	P2-E1	1	30	—	2	+	-5.2E
		BLU	10	P2-E2	1	29	—	2	—	OPEN SENSE
5	18TWP	BLK	11	P2-F1	1	31	—	2	+	-5.2F
		BLU	12	P2-F2	1	32	—	2	—	OPEN SENSE
5	18TWP	BLK	13	P2-H1	1	33	—	2	+	-5.2H
		BLU	14	P2-H2	1	34	—	2	—	OPEN SENSE

ITEM NO.	DESCRIPTION	FROM			TO			WIRE LENGTH	FUNCTION
	AWG	COLOR	POINT	CONNECT ON	TERM	POINT	CONNECTION	TERM	
5	18TWP	BLK	15	P2-J1	1	35	—	2	+
		BLU	16	P2-J2	1	36	—	2	-
5	18TWP	BLU	18	P2-K2	1	46	—	2	-
		BLK	17	P2-K1	1	45	—	2	+
5	18TWP	BLK	19	P2-L1	1	48	—	2	+
		BLU	20	P2-L2	1	47	—	2	-
4	18TWP	GRN	24	P2-N2	1	42	—	2	-
		BLK	23	P2-N1	1	41	—	2	+
4	18TWP	BLK	21	P2-M1	1	43	—	2	+
		GRN	22	P2-M2	1	44	—	2	-
4	18TWP	BLK	25	P2-P1	1	40	—	2	+
		GRN	26	P2-P2	1	39	—	2	-
4	18TWP	BLK	27	P2-R1	1	38	—	2	+
		GRN	28	P2-R2	1	37	—	2	-

7

P2

POINTS 1-28

SEE DETAIL A
(SIDE 1 REF)

6

9

8

+2	+1	+3
+6	+5	+7
+10	+9	+11
+14	+13	+15
+18	+17	+19
+22	+21	+23
+26	+25	+27
+	+	+
+	+	+
+	+	+
+	+	+
+	+	+

A B C D E F G H I J K L M N P Q R S T U V

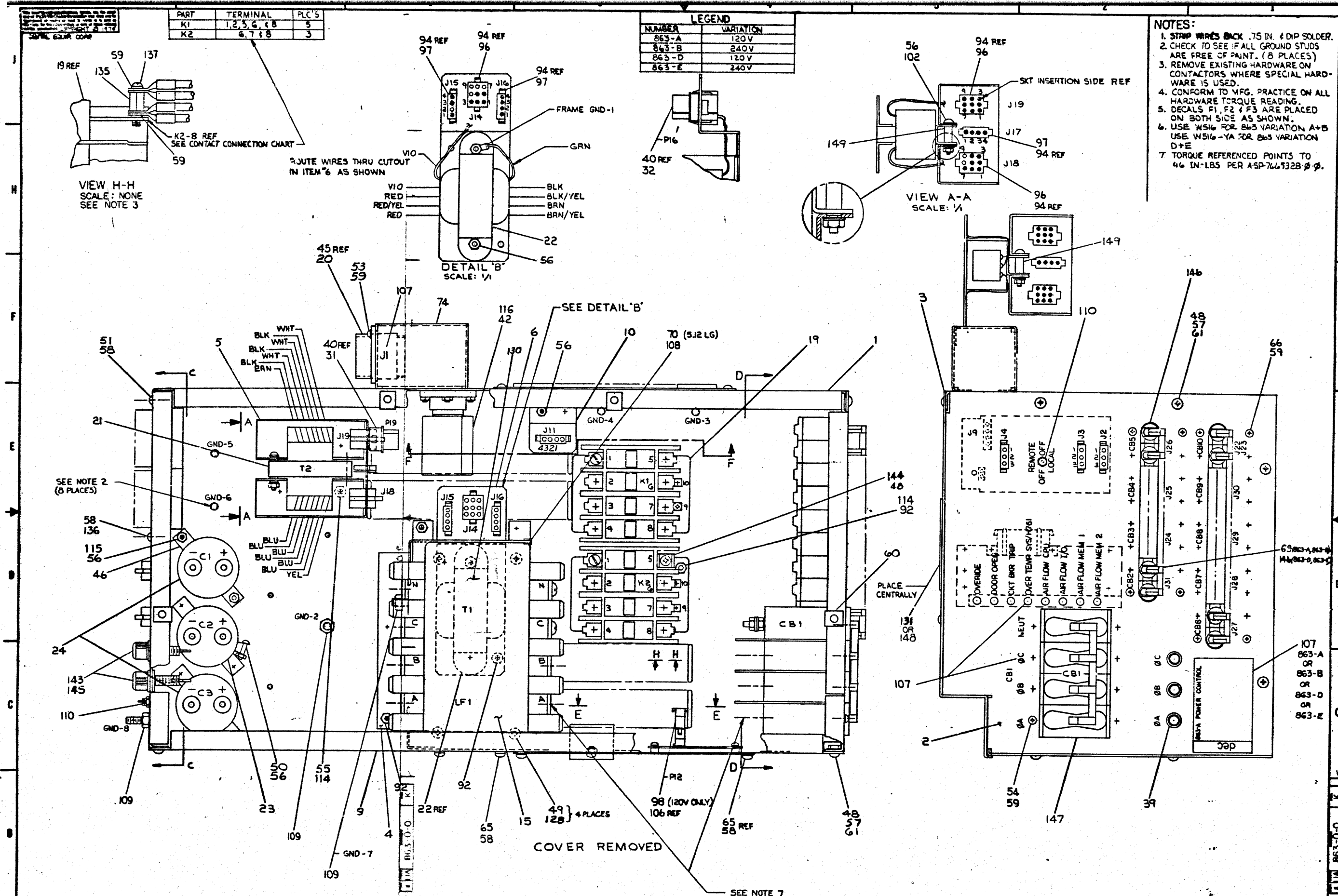
DETAIL A

DO NOT REDUCE
FOR MANUFACTURING PURPOSES ONLY
SCALE

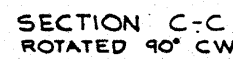
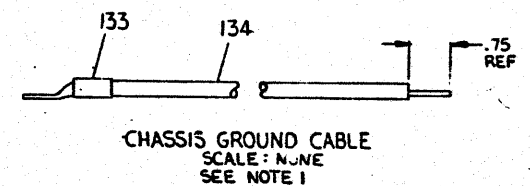
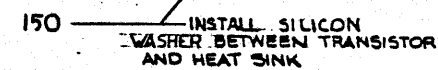
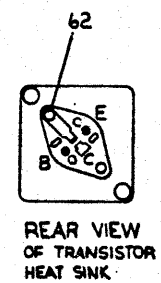
0 IN 6 IN 12 IN

	1	DECAL	A-DC-7098720-C	10
	1	LABEL, CABLE, ID	9C09532	9
	1	JUMPER	9C09185	8
	2	EYELET	9C06741	7
	1	CLAMP, CABLE	12C2790-00	6
	28T	WIRE, #18AWG TWP. BLK. BLW	91C7430-06	5
	12FT	WIRE, #18AWG TWP. BLK. GRN	91C7430-05	4
	25	CABLE, 3.75LG-0.09" W	90C7031	3
△	28	CONN, SOLDERLESS	90C7130-00	2
	1	CABLE TRACK CONN BOARD M935	M935	1

FIRST USED ON QTY/DA MODEL		SYM	QTY.	DESCRIPTION	PART NO.	QTY.
KLIØ						
DIMENSIONAL TOLERANCE				PARTS LIST		
DIMENSIONS ARE ☒ FRACTIONS ☐ DECIMALS				digital		
UNLESS OTHERWISE SPECIFIED						
DIMENSIONS IN		INCHES		ANGLES		TITLE
TOLERANCE		FRACTIONS		DECIMALS		HARNESSE OPEN SENSE
FRACTIONS		FRACTIONS		DECIMALS		
FRACTIONS		FRACTIONS		DECIMALS		
FRACTIONS		FRACTIONS		DECIMALS		
THIRD ANGLE		SECOND ANGLE		FIRST ANGLE		



FIRST USED OR REPLACEMENT		QTY.	DESCRIPTION	PART NO.	ISSUED
KL10					
UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES TOLERANCES					
DECIMALS	ANGLES				
FRACTIONS					
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY					
MATERIAL NEXT HIGHER ASSY.					
SEE PARTS LIST		DUA7010058-0-0		TITLE	
FINISH		SCALE 1/1		EQUIPMENT CORPORATION	
				POWER CONTROLLER	
				863-0-0	
				K	



REVISIONS		
DATE	CHANGE NO.	REV.

WIRE TABLE

WIRE TABLE									
ITEM NO	DESCRIPTION	AWG	COLOR	POINT	FROM CONNECTION	TERM	POINT	TO CONNECTION	TERM
78	14 TWP	14	WHT	1	HARNESS			CB18-2	
			BLK	2				CB18-1	
			WHT	3				CB18-3	
			RED	4				CB18-1	
			WHT	5				CB18-2	
			RED	6				CB18-1	
			WHT	7				CB18-2	
			RED	8				CB18-1	
			WHT	9				CB18-2	
			RED	10				CB18-1	
			WHT	11				CB18-2	
			BLK	12				CB18-1	
			RED	13				CB18-2	
			RED	14				CB18-1	
			RED	15				CB18-2	
			RED	16				CB18-1	
			WHT	17				CB18-2	
			WHT	18				CB18-1	
			WHT	19				CB18-2	
			WHT	20				CB18-1	
79	14 TWP	14	WHT	1	HARNESS			CB18-2	
			RED	2				CB18-1	
			WHT	3				CB18-3	
			RED	4				CB18-1	
			WHT	5				CB18-2	
			RED	6				CB18-1	
			WHT	7				CB18-2	
			RED	8				CB18-1	
			WHT	9				CB18-2	
			RED	10				CB18-1	
			WHT	11				CB18-2	
			RED	12				CB18-1	
			WHT	13				CB18-2	
			RED	14				CB18-1	
			WHT	15				CB18-2	
			RED	16				CB18-1	
			WHT	17				CB18-2	
			RED	18				CB18-1	
			WHT	19				CB18-2	
			RED	20				CB18-1	
			WHT	21				CB18-2	
			RED	22				CB18-1	
			WHT	23				CB18-2	
			RED	24				CB18-1	
			WHT	25				CB18-2	
			RED	26				CB18-1	
			WHT	27				CB18-2	
			RED	28				CB18-1	
			WHT	29				CB18-2	
			RED	30				CB18-1	
			WHT	31				CB18-2	
			RED	32				CB18-1	
			WHT	33				CB18-2	
			RED	34				CB18-1	
			WHT	35				CB18-2	
			RED	36				CB18-1	
			WHT	37				CB18-2	
			RED	38				CB18-1	
			WHT	39				CB18-2	
			RED	40				CB18-1	
			WHT	41				CB18-2	
			RED	42				CB18-1	
			WHT	43				CB18-2	
			RED	44				CB18-1	
			WHT	45				CB18-2	
			RED	46				CB18-1	
			WHT	47				CB18-2	
			RED	48				CB18-1	
			WHT	49				CB18-2	
			RED	50				CB18-1	
			WHT	51				CB18-2	
			RED	52				CB18-1	
			WHT	53				CB18-2	
			RED	54				CB18-1	
			WHT	55				CB18-2	
			RED	56				CB18-1	
			WHT	57				CB18-2	
			RED	58				CB18-1	
			WHT	59				CB18-2	
			RED	60				CB18-1	
			WHT	61				CB18-2	
			RED	62				CB18-1	
			WHT	63				CB18-2	
			RED	64				CB18-1	
			WHT	65				CB18-2	
			RED	66				CB18-1	
			WHT	67				CB18-2	
			RED	68				CB18-1	
			WHT	69				CB18-2	
			RED	70				CB18-1	
			WHT	71				CB18-2	
			RED	72				CB18-1	
			WHT	73				CB18-2	
			RED	74				CB18-1	
			WHT	75				CB18-2	
			RED	76				CB18-1	
			WHT	77				CB18-2	
			RED	78				CB18-1	
			WHT	79				CB18-2	
			RED	80				CB18-1	
			WHT	81				CB18-2	
			RED	82				CB18-1	
			WHT	83				CB18-2	
			RED	84				CB18-1	
			WHT	85				CB18-2	
			RED	86				CB18-1	
			WHT	87				CB18-2	
			RED	88				CB18-1	
			WHT	89				CB18-2	
			RED	90				CB18-1	
			WHT	91				CB18-2	
			RED	92				CB18-1	
			WHT	93				CB18-2	
			RED	94				CB18-1	
			WHT	95				CB18-2	
			RED	96				CB18-1	
			WHT	97				CB18-2	
			RED	98				CB18-1	
			WHT	99				CB18-2	
			RED	100				CB18-1	
			WHT	101				CB18-2	
			RED	102				CB18-1	
			WHT	103				CB18-2	
			RED	104				CB18-1	
			WHT	105				CB18-2	
			RED	106				CB18-1	
			WHT	107				CB18-2	
			RED	108				CB18-1	
			WHT	109				CB18-2	
			RED	110				CB18-1	
			WHT	111				CB18-2	
			RED	112				CB18-1	
			WHT	113				CB18-2	
			RED	114				CB18-1	
			WHT	115				CB18-2	
			RED	116				CB18-1	
			WHT	117				CB18-2	
			RED	118				CB18-1	
			WHT	119				CB18-2	
			RED	120				CB18-1	
			WHT	121				CB18-2	
			RED	122				CB18-1	
			WHT	123				CB18-2	
			RED	124				CB18-1	
			WHT	125				CB18-2	
			RED	126				CB18-1	
			WHT	127				CB18-2	
			RED	128				CB18-1	
			WHT	129				CB18-2	
			RED	130				CB18-1	
			WHT	131				CB18-2	
			RED	132				CB18-1	
			WHT	133				CB18-2	
			RED	134				CB18-1	
			WHT	135				CB18-2	
			RED	136				CB18-1	
			WHT	137				CB18-2	
			RED	138				CB18-1	
			WHT	139				CB18-2	
			RED	140				CB18-1	
			WHT	141				CB18-2	
			RED	142				CB18-1	
			WHT	143				CB18-2	
			RED	144				CB18-1	
			WHT	145				CB18-2	
			RED	146				CB18-1	
			WHT	147				CB18-2	
			RED	148				CB18-1	
			WHT	149				CB18-2	
			RED	150				CB18-1	
			WHT	151				CB18-2	
			RED	152				CB18-1	
			WHT	153				CB18-2	
			RED	154				CB18-1	
			WHT	155				CB18-2	
			RED	156				CB18-1	
			WHT	157				CB18-2	
			RED	158				CB18-1	
			WHT	159				CB18-2	
			RED	160				CB18-1	
			WHT	161				CB18-2	
			RED	162				CB18-1	
			WHT	163				CB18-2	
			RED	164				CB18-1	
			WHT	165				CB18-2	
			RED	166				CB18-1	
			WHT	167				CB18-2	
			RED	168				CB18-1	
			WHT	169				CB18-2	
			RED	170				CB18-1	
			WHT	171				CB18-2	
			RED	172				CB18-1	
			WHT	173				CB18-2	
			RED	174				CB18-1	
			WHT	175				CB18-2	
			RED	176				CB18-1	
			WHT	177				CB18-2	
			RED	178				CB18-1	
			WHT	179				CB18-2	
			RED	180				CB18-1	
			WHT	181				CB18-2	
			RED	182				CB18-1	
			WHT	183				CB18-2	
			RED	184				CB18-1	
			WHT	185				CB18-2	
			RED	186				CB18-1	
			WHT	187				CB18-2	
			RED	188				CB18-1	
			WHT	189				CB18-2	
			RED	190				CB18-1	
			WHT	191				CB18-2	
			RED	192				CB18-1	
			WHT	193				CB18-2	
			RED	194				CB18-1	
			WHT	195				CB18-2	
			RED	196				CB18-1	
			WHT	197				CB18-2	

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION			
					A	B	D	E
1	1	E-IA-7411288-0-0	7411288-00	CHASSIS P.S. (KL10)	1	1	1	1
2	2	E-IA-7412256-0-0	7412256-00	PANEL FRONT (863) KL10	1	1	1	1
3	3	D-IA-7411290-0-0	7411290-00	COVER P.C. (KL10)	1	1	1	1
4	4	D-IA-7412187-0-0	7412187-00	SUPPORT, FILTER #1 KL10	1	1	1	1
5	5	C-IA-7412113-0-0	7412113-00	BRKT CONN NO 1 (863) KL10	1	1	1	1
6	6	D-IA-7412118-0-0	7412118-00	BRKT NO CONN KL10 (863)	1	1	1	1
7	7	C-MD-7412122-0-0	7412122-00	PANEL 2-OUTLET KL10 (863)	1	1	1	1
8	8	C-MD-7412082-0-0	7412082-00	PANEL 4 OUTLET KL10 (863)	1	1	1	1
9	9	E-IA-7412278-0-0	7412278-00	PANEL SIDE (863) KL10	1	1	1	1
10	10	C-MD-7412280-0-0	7412280-00	BRKT NO 3 CONN KL10 (863)	1	1	1	1
11	11	C-AD-7009632-0-0	1211191-00	CONN, POWER 3PIN RCPT NEMA L6-20	-	1	-	-
12	12		7009632-00	LOGIC 863 A	1	1	1	1
13	13		5411159-00	BOARD RESISTOR (863)	1	1	1	1
14	14		5411157-00	INDICATOR LED	1	1	1	1
15	15		1211493-00	FILTER LINE 120/240 75AMP	1	1	1	1
16	16		1211496-00	*** THIS ITEM IS NOT USED ***	-	-	-	-
17	17		1210191-06	*** THIS ITEM IS NOT USED ***	-	-	-	-
18	18		1205351-00	CONN, POWER 3PIN RCPT NEMA 5-15R	6	-	6	-
19	19		1211746-01	CONTACTOR, 40A, 4P, 600V,	2	2	2	2
20	20		1211537-00	CONN, RCPT 7PIN	1	1	1	1
21	21		1611490-00	XFMRA P=BT S= 36.2V 3.52A UL	1	1	1	1
22	22		1611546-00	XFMRA P=AB S=48CT @250MA + #4960	1	1	1	1
23	23		1010184-00	30,000 MFD 25V +75-10% AL EL	1	1	1	1
24	24		1010510-00	6000 MFD 50V +75-10% AL EL	2	2	2	2
25	25		5410206-00	CONTROL PILOT	1	1	1	1
26	26		9107765-22	WIRE, STRNO, 8AWG IPVC UL1431	A/R	A/R	A/R	A/R
27	27		0W516-00	3 PHASE LOW VOLTAGE DETECTOR	1	1	-	-
28	28		W7000-00	AUX POW SUPPLY-KL10	1	1	1	1
29	29		G8015-00	POWER CTRL LOGIC KL10	1	1	1	1
30	30		G8017-00	863 INDICATOR DRIVER	1	1	1	1

REVISION HISTORY			BASIC PART NO: 00863		DRN: K. GANACHE		DATE: 4-FEB-75		DIGITAL			
ENG	ECO NUMBER	REV	SECTION A OF A		CHK'D: D. SIREEN		DATE: 4-FEB-75		TITLE PARTS LIST			
JD	863-MR010	K	SECTION. VARIATION INDEX		DES.ENG.: J. DREW		DATE: 4-FEB-75		POWER CONTROLLER			
			[A] A, B, D, E		RESP.ENG.: J. DREW		DATE: 4-FEB-75		DOCUMENT NUMBER			
			[B]		IMFG.ENG.: B. OBRIEN		DATE: 6-FEB-75		SIZE	CODE	NUMBER	REV
			[C]		ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		K	PL	863-0-DBP	K
			[D]		E-UA-863-0-0		#B-DD-863-0		FILE NAME:		EDIT #	
			[E]						Z2464K.PLS		5	
			[F]									
"THIS DRAWING AND SPECIFICATIONS HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT (C) 1982. DIGITAL EQUIPMENT CORPORATION"												

AUTOMATED BY PRTLST.3P(44)

PARTS LIST

SHEET A2 OF A4

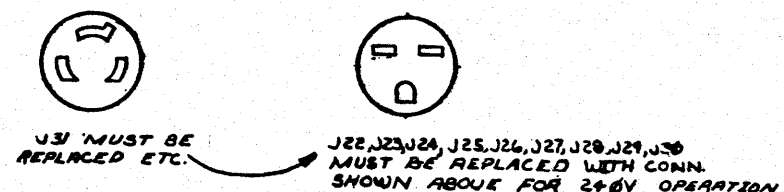
LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION			
					A	B	D	E
31	31		1209351-09	MATE-N-LOK 9POS COMM HSG,PIN	1	1	1	1
32	32		1209351-04	MATE-N-LOK 4POS COMM HSG,SKT	2	2	2	2
33	33		9107390-66	WIRE,STRND,10AWG,IPVC UL3317	A/R	A/R	A/R	A/R
34	34		9107390-00	WIRE,STRND,10AWG,IPVC UL3317	A/R	A/R	A/R	A/R
35	35		9107390-99	WIRE,STRND,10AWG,IPVC, UL3317	A/R	A/R	A/R	A/R
36	36		9107390-22	WIRE,STRND,10AWG,IPVC UL3317	A/R	A/R	A/R	A/R
37	37		1210012-01	HT SINK W/HOLES 1.81X1.81	1	1	1	1
38	38		1503399-00	DEC3790-2 PNP 150WC SI 30 30 M	1	1	1	1
39	39		1211263-00	LAMP,PWR ON INDICATOR,RED W/25K	3	3	3	3
40	40		1209378-00	MATE-N-LOK PIN COMM 20-14AWG STR	12	10	12	10
41	41		9107779-54	WIRE,STRND,10AWG,IPVC UL3317	A/R	A/R	A/R	A/R
42	42		1209120-00	RLY,G.P.,115V COIL,DPDT,10A	1	1	1	1
43	43		1201220-00	SKT,TUBE 8PIN	1	1	1	1
44	44		9107765-66	WIRE,STRND, 8AWG IPVC UL1431	A/R	A/R	A/R	A/R
45	45		1211541-00	CONN, SKT 8-10 AWG	5	5	5	5
46	46		1210430-00	BRACKET,CAPACITOR,2"	3	3	3	3
47	47		9107765-00	WIRE,STRND, 8AWG IPVC UL1431	A/R	A/R	A/R	A/R
48	48		9006073-01	SCREW,PAN,PHIL 10-32X 1/2 SS	10	10	10	10
49	49		9006070-01	SCREW,PAN,PHIL 10-32X 5/16 SS	4	4	4	4
50	50		9006025-01	SCREW,PAN,PHIL 6-32X 5/8 SS	3	3	3	3
51	51		9006037-01	SCREW,PAN,PHIL 8-32X 3/8 SS	16	16	16	16
52	52		9006024-01	SCREW,PAN,PHIL 6-32X 1/2 SS	6	6	6	6
53	53		9006022-01	SCREW,PAN,PHIL 6-32X 3/8 SS	8	8	8	8
54	54		9006021-01	SCREW,PAN,PHIL 6-32X 5/16 SS	20	20	20	20
55	55		9006565-00	NUT,KEP 10-32X 3/8 AF	11	11	11	11
56	56		9006560-00	NUT,KEP 6-32X 5/16AF	27	27	27	27
57	57		9006635-00	WASHER,LOCK,INT,.3100D X .200ID	14	14	14	14
58	58		9006634-00	WASHER,LOCK,INT,.2300D X .172ID	16	16	16	16
59	59		9006633-00	WASHER,LOCK,INT,.2800D X .146ID	66	66	66	66
60	60		9008196-00	RECP. CLIP ON F/1/4 TURN FASTNR	4	4	4	4
61	61		9007786-00	RETAINER, U-NUT, 10-32	14	14	14	14
62	62		1210130-00	SKT,XSTR 2PIN TD-3	1	1	1	1
63	63		9009637-00	TERM,RING 1/4STUD CRIMP 16-2	3	3	3	3
64	64		9107765-99	WIRE,STRND, 8AWG IPVC UL1431	A/R	A/R	A/R	A/R
65	65		9006036-01	SCREW,PAN,PHIL 8-32X 5/16 SS	14	14	14	14
66	66		9006020-01	SCREW,PAN,PHIL 6-32X 1/4 SS	36	36	36	36
67	67		9007930-00	TERM,RING #10STUD CRIMP 16-2	5	5	5	5
68	68		9008318-00	*** THIS ITEM IS NOT USED ***	-	-	-	-
69	69		1212124-00	CKT BKR 30.0 A 240V 2P SERIES TR	1	1	-	-
70	70		9007044-00	GROMMET #4 GS-4	A/R	A/R	A/R	A/R
71	71		1211194-00	CONN,POWER 3PIN RCPT NEMA L5-30	1	-	-	-
72	72		1000034-00	.10 MFD 1000VDC +20-105 P/OIL	4	4	4	4
73	73	C-IA-7413005-0-0	7413005-00	PLATE OUTLET 30 AMP	1	1	1	1
74	74	C-IA-7010455-0-0	7010455-00	HOUSING, CONN ASSY [KL10] 863	1	1	1	1
75	75	D-IA-7010734-0-0	7010734-00	HARNESS DC NO 5 [863]	1	1	1	1
76	76	E-IA-7010585-0-0	7010585-00	HARNESS DC 2 [863]	1	1	-	-
77	77	E-IA-7010586-0-0	7010586-00	HARNESS DC NO.1 KL10	1	1	1	1

D	I	G	I	T	A	L	TITLE	POWER CONTROLLER	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	863-0-08P	K

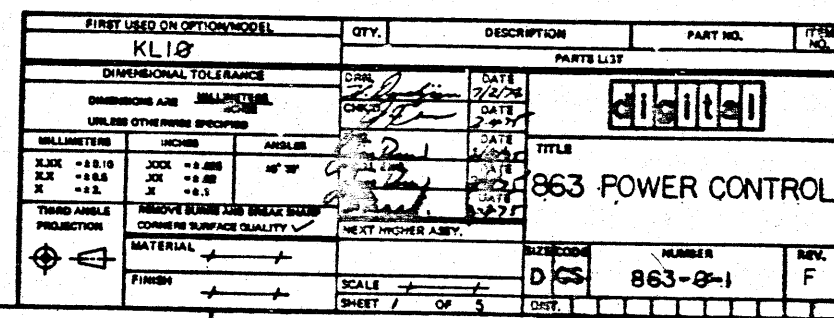
LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION			
					A	B	D	E
127	127		9007652-00	TERM,RING 1/4STUD CRIMP 14-1	1	1	1	1
128	128		9007651-00	WASHER, LOCK, EXTERNAL TOOTH #10	28	28	28	28
129	129		9007624-00	INSERT, FLUSH, SELF CLINCHING, 6	1	1	1	1
130	130		3610267-00	DECAL, ADHESIVE BACK -DANGER HIG	1	1	1	1
131	131	A-DC-7417419-0-0	7417419-00	DECAL	1	1	1	1
132	132	A-DC-7417418-0-0	7417418-00	DECAL	2	2	2	2
133	133		9007928-00	TERM,RING #10STUD CRIMP 14-1	10	10	14	14
134	134		9107777-54	WIRE,STRND,14AWG,IPVC UL3317 GR	A/R	A/R	A/R	A/R
135	135		9006822-00	SPACER, HEX, ALUM, .194 ID X .5	8	8	8	8
136	136		9006035-03	SCREW,TRUS,PHIL, 8-32X 1/4	2	2	2	2
137	137		9006077-03	SCREW,TRUS,PHIL, 10-32X 1	8	8	8	8
138	138	E-IA-7010585-0-0	7010585-01	HARNESS DC 2 863	-	-	1	1
139	139	SEE NOTE 1		*** THIS ITEM IS NOT USED ***	-	-	-	-
140	140		0W516-YA	W516 W 95V THRESHOLD	-	-	1	1
141	141	A-DC-7417750-0-0	7417750-00	DECAL WARNING	1	1	1	1
142	142	A-DC-7417749-0-0	7417749-00	DECAL 1 AMP 250V	3	3	3	3
143	143		9007211-00	FUSE,REG BLO 1 A,250V GLASS	3	3	3	3
144	144	C-MD-7417612-0-0	7417612-00	BUSS NEUTRAL PAN	1	1	1	1
145	145		9007242-00	FUSE HOLDER, 20A, 250V, PNL MNT,	3	3	3	3
146	146		1212124-04	CKT BKR 15.0 A 240V 2P SERIES TR	8	8	9	9
147	147		1211496-01	CKT BKR 60.0 A 240V 4P	1	1	1	1
148	148	A-DC-3614404-0-0	3614404-00	DECAL,-DANGER HIGH VOLTAGE- FREN	1	-	1	-
149	149		9006851-00	SPACER,HEX,THD'D,ALUM 6-32X 1	2	2	2	2
150	150		1213071-02	INSULATOR,RUBBER SILICONE SM	1	1	1	1

151 NOTE: 1 QUANTITIES IN ITEM #139 WERE COMBINED WITH ITEM #128 TO PREVENT DUPLICATE PART NUMBERS.

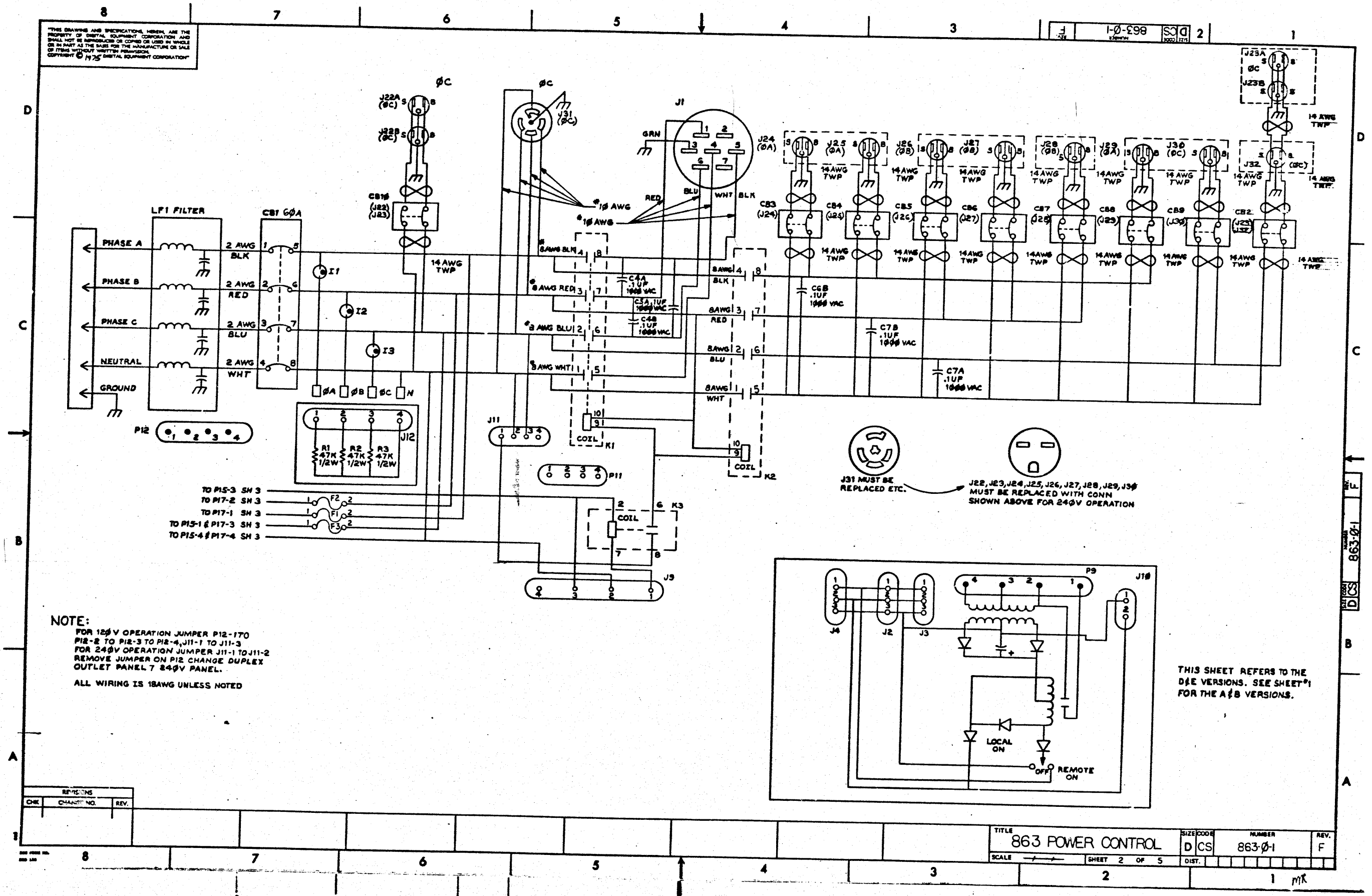
I	D	I	G	I	T	A	L	TITLE	POWER CONTROLLER	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
											K	PL	863-0-DBP	K



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

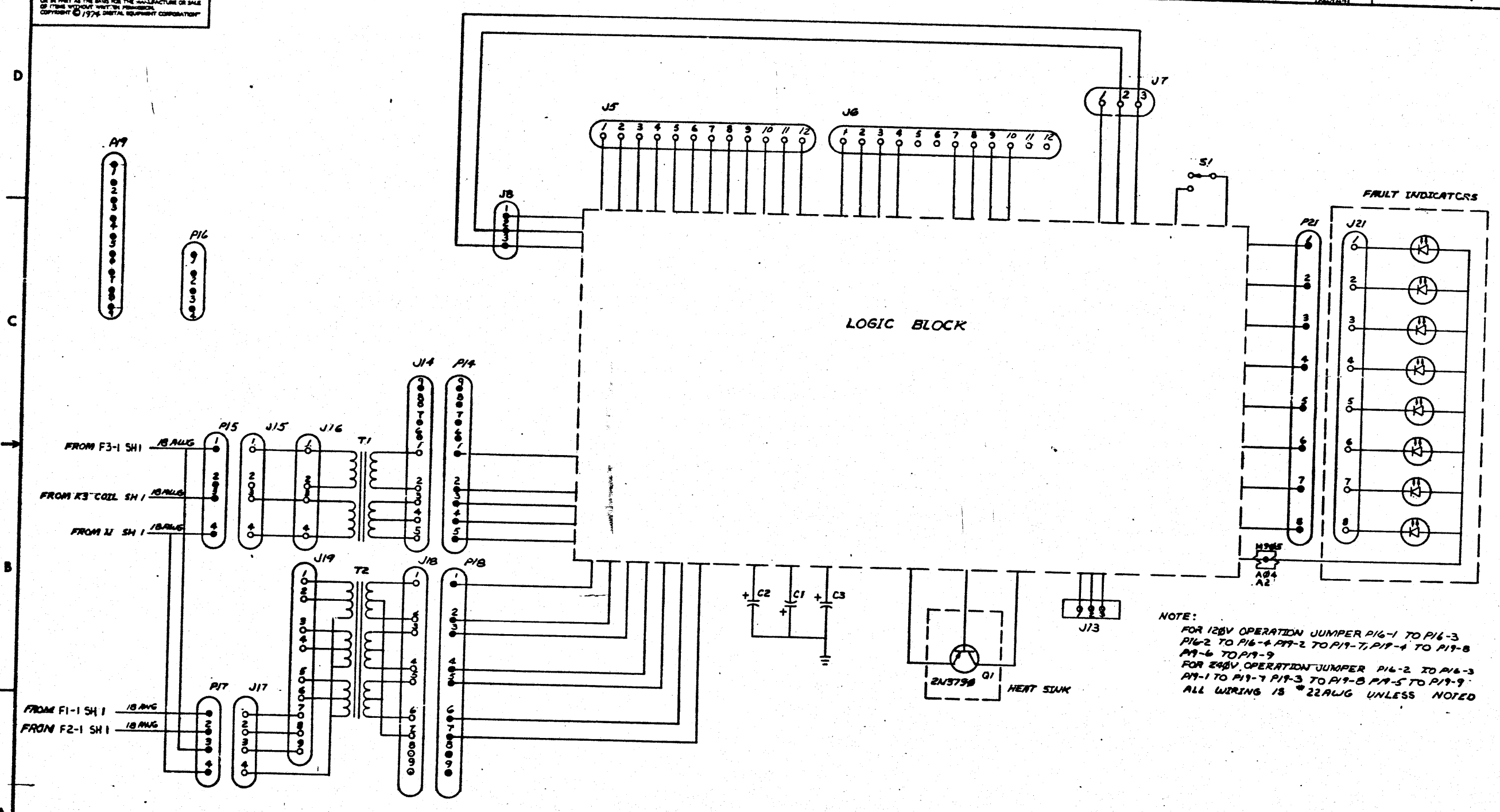


CHK	CHARGE NO.	REV.
1	863-00007	D
2	REVISED AND REGRAWN	
3	863-00008	4 May 77
4	R. WELANSON	
5	863-00009	17 JUN-77
6	863-00008	E
7	863-00009	4 August 77
8	J. DICKSON	
9	863-00010	19 Aug 77
10	863-00010	F
11	863-00011	22 Aug 77
12	J. DREW	
13	863-00012	5 JAN-78



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 THIS WITHOUT WRITTEN PERMISSION OF DIGITAL EQUIPMENT CORPORATION

1-0-098 DCS 2

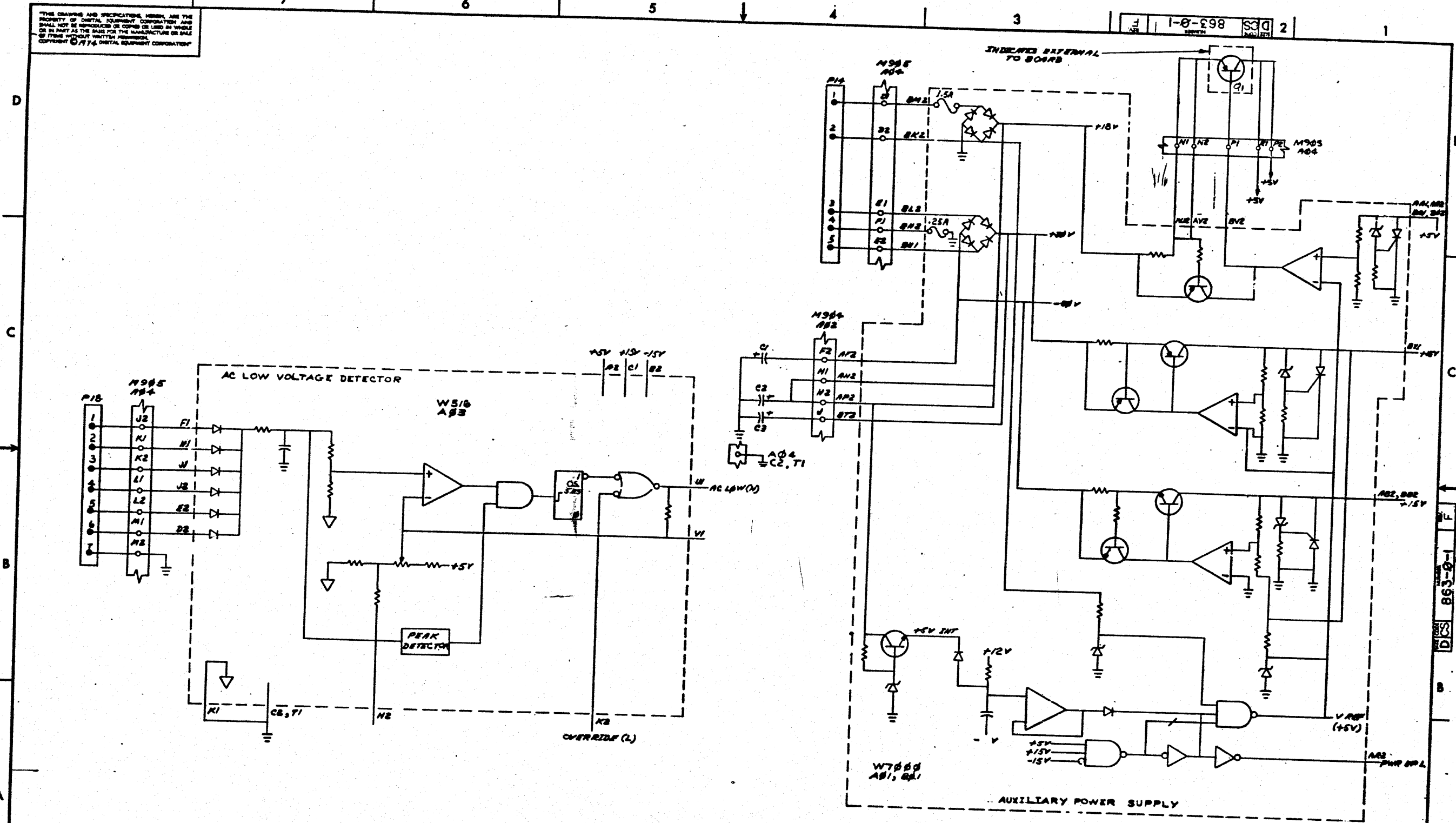


NOTE:
 FOR 120V OPERATION JUMPER P16-1 TO P16-3
 P16-2 TO P16-4 P17-2 TO P17-7, P17-4 TO P17-8
 P17-6 TO P17-9
 FOR 240V OPERATION JUMPER P16-2 TO P16-3
 P17-1 TO P17-7 P17-3 TO P17-8 P17-5 TO P17-9
 ALL WIRING IS #22AWG UNLESS NOTED

REVISIONS		
CHK	CHANGE NO.	REV.

TITLE 863 POWER CONTROL		SIZE CODE DCS	NUMBER 863-0-1	REV. F
SHEET 3 OF 5		DST.		

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

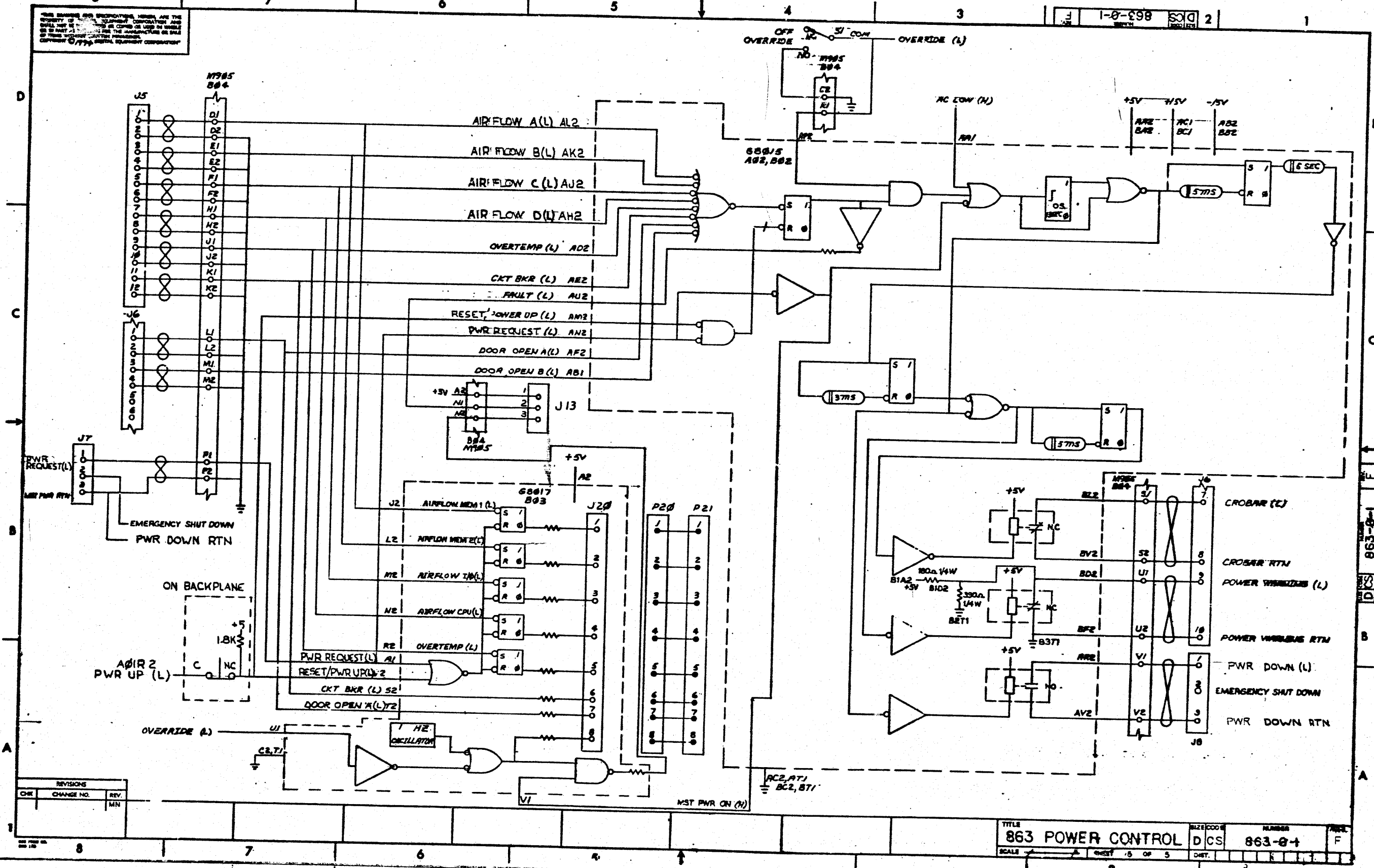


REVISIONS		
CHK	CHANGE NO.	REV.

TITLE		SIZE/COORD	NUMBER	REV.
863 POWER CONTROL		D CS	863-0-1	F
SCALE	SHEET 14 OF 5	DIST.		

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF THE UNITED STATES GOVERNMENT AND ARE TO BE USED IN THE MANNER AND FOR THE PURPOSES SPECIFIED THEREIN. NO PART OF THIS DRAWING IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION IN WRITING FROM THE UNITED STATES GOVERNMENT.

1-8-898 2

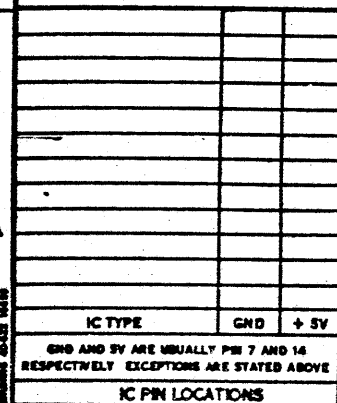


REVISIONS		
CHK	CHANGE NO.	REV
		MIN

TITLE		863 POWER CONTROL	SIZE CODE	DCS	NUMBER	863-8-1	REV.	F
SCALE		1:1	SHEET		2	OF 5		

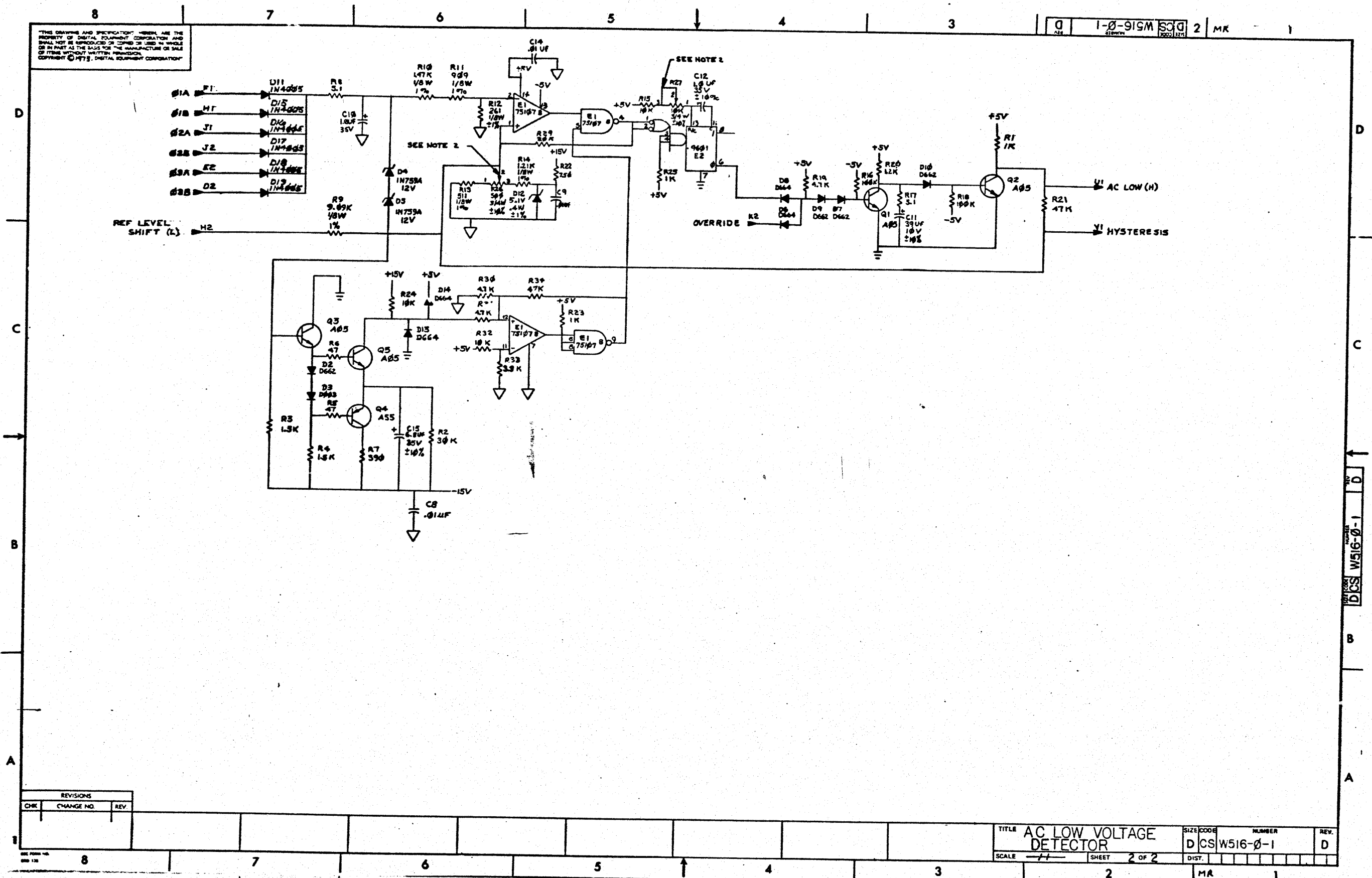
1. UNLESS OTHERWISE SPECIFIED
A. RESISTORS ARE 1/4 W, 5%.
B. RESISTANCE IS IN OHMS.
C. CAPACITORS ARE 105V, 20%.

2. R26 & R27 ARE FACTORY ADJUSTMENTS ONLY.



QTY	REF DESIGNATION	DESCRIPTION	PART NO.	ITEM No.
PARTS LIST				
ETCH BOARD REV	D			
		DATE 8-1-73	EQUIPMENT CORPORATION MAYFIELD, MASS 02147-0175	
	CHG	DATE 12-2-73	TITLE AC LOW VOLTAGE DETECTOR	
	CHKD	DATE 12-2-73		
	ENG	DATE 12-2-73		
	DES	DATE 12-2-73		
	APP	DATE 12-2-73		
		NEXT HIGHER ASST		
DEC NO.	EIA NO.	SCALE 1:1	SERIAL CODE DCS	NUMBER W516-0-1
CONVERSION CHART		SHEET 1 OF 2	DIST.	REV D

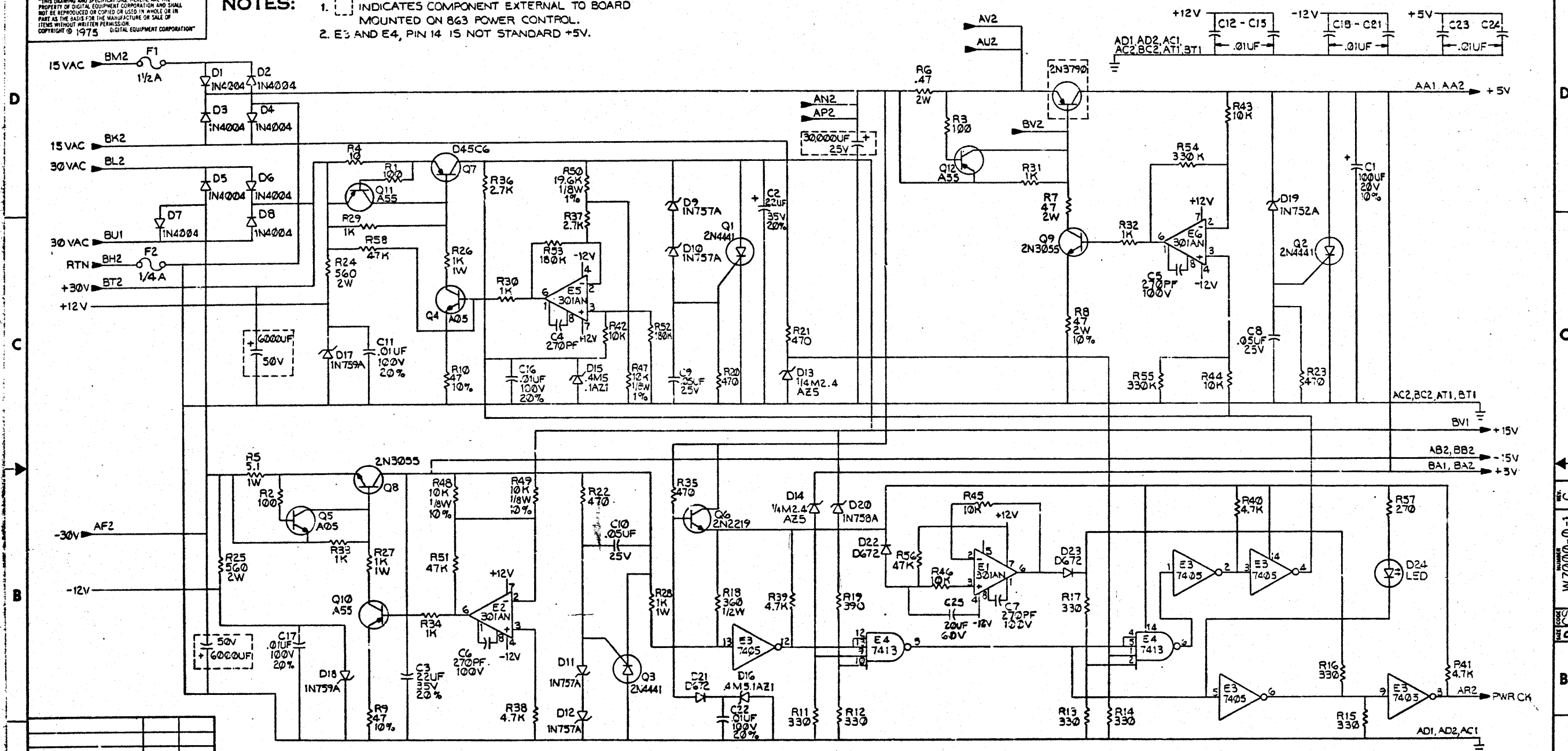
SEMICONDUCTOR CONVERSION CHART	SCALE	1/1		DESIGN	W310-B-1		REV.	0
	SHEET	1	OF 2	DIST.				



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

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				
IC TYPE	GND	+5V	+12V	-12V
GND AND 5V ARE USUALLY PIN 7 AND 14 RESPECTIVELY. EXCEPTIONS ARE STATED ABOVE.				
IC PIN LOCATIONS				

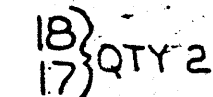
QTY		REF. DESIGNATION		DESCRIPTION		PART NO.		ITEM NO.	
PARTS LIST									
863									
ETCH BOARD-REV.									
DRN.		E. EDWARDS		DATE		4-2-75			
CHK'D.		B. CONSTANTINIAN		DATE		6-28-74			
ENG.		J. DREW		DATE		10-3-74			
PROJ. ENG.		J. DREW		DATE		10-4-74			
PROD.		J. REZEK		DATE		10-4-74			
NEXT HIGHER ASSY									
B-DD-W7000-0									
TITLE									
AUX POWER SUPPLY									
SIZE		CODE		NUMBER		REV.			
D		CSI		W7000-0-1		C			
SCALE									
SHEET 1 OF 1									
DIST.									

FIRST USED ON OPTION MODEL									
863									
REVISIONS									
DEC NO.									
EIA NO.									
DEC NO.									
EIA NO.									
SEMICONDUCTOR CONVERSION CHART									

J. DREW		E. EDWARDS		REVISED & REDRAWN		C		REV.	
7-2-75		4-2-75		7-2-75		7-2-75		7-2-75	
W7000-00001		W7000-00001		W7000-00001		W7000-00001		W7000-00001	
CHG		CHG		CHG		CHG		CHG	

SEMICONDUCTOR CONVERSION CHART

DIGITAL EQUIP CORP.



1. CONNECTIONS ON BUSSING ITEMS*22 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 & 21 WITH ITEM*23. AND THEN ATTACH ITEM*14.
4. BEND UP THIS END OF GND TAB (ITEM*2) TO ALLOW MTG. OF STANDOFF AT THIS LOCATION.

16(QTY2) SEE NOTE 4

SIZE	CODE	NUMBER	REV.
C	AD	7009632-0-0	C

CONTINUING 40-107 15968

DEC FORM NO.
DRC 100-A

FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION		PART NO.		ITEM NO.	
863								
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES		DRN.	DATE		 DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS			
		CHK'D.	DATE					
DECIMALS	ANGLES	ENG.	DATE		TITLE WIRED ASSY (CHASSIS 863 P.C.)			
.XXX = .006	±0° 30'	PROJ. ENG.	DATE					
.XX = .02		PROD.	DATE					
.X = .1			DATE					
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY								
MATERIAL		NEXT HIGHER ASSY.		SIZE CODE		NUMBER		REV.
SEE PARTS LIST		E-UA-863-0-0		C AD		7009632-0-0		C
FINISH		SCALE 1/1		DIST.				
		SHEET 1 OF 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 © 1974, DIGITAL EQUIPMENT CORPORATION"

WIRE TABLE						REMARKS
ITEM NO	DESCRIPTION	FROM	TO	SIGNAL NAME		
	AWG	COLOR	CONNECTION	CONNECTION		
10	30	YEL	A01C1	A01C2	GND	
			A01C2	A01D1		
			A01D1	A01D2		
			A03E2	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	
			A01E2	A04F2	-3ØV RAW	
			A02L2	B03J2	AIR FLOW A (L)	
			A02C1	A03C1	+15V	
			B04A2	A05A2	+5V	
			A02M2	B03V2	PWR UP (L)	
			B03U2	B04N2	PWR LED (L)	
			B02V1	B03V1	MST PWR ON (H)	
			B02D2	B01D2	PWR WARNING (L)	
			B03T1	B02F2	GND	
			B01T1	B02V2	GND	
10	30	YEL	SWI-NC	A02M2	RESET/PWR UP (L)	

WIRE TABLE						REMARKS
ITEM NO	DESCRIPTION	FROM	TO	SIGNAL NAME		
	AWG	COLOR	CONNECTION	CONNECTION		
10	30	YEL	B03J2	B04D1	AIR FLOW A (L)	
			A02K2	B03L2	AIR FLOW B (L)	
			B03L2	B04E1	AIR FLOW B (L)	
			A02J2	B03M2	AIR FLOW C (L)	
			B03M2	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	SWI-C	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)	
			A03K2	B03U1	OVERRIDE (L)	
10		YEL	B03U1	B04R1	OVERRIDE (L)	
11		BLK/WHT	B02L2	B04S1	CROBAR (L)	
		TWP	B02V2	B04S2	CROBAR RTN	
		BLK/WHT	B02D2	B04U1	PWR WARNING (L)	
		TWP	B02F2	B04U2	PWR WARNING RTN	
		BLK/WHT	A02R2	B04V1	PWR DOWN (L)	
11		TWP	A02V2	B04V2	PWR DOWN RTN	
10		YEL	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 863	QTY.	DESCRIPTION	PART NO.	ITEM NO.
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 SEE PARTS LIST	NEXT HIGHER ASSY.			
FINISH + +	SCALE NONE			
SHEET 2 OF 2				
PARTS LIST				
DRN. <i>McGee</i> DATE <i>6/15/74</i>				
CHK'D <i>W. J. Brown</i> DATE <i>6/15/74</i>				
PROJ. ENG. <i>W. J. Brown</i> DATE <i>6/15/74</i>				
PROD. <i>W. J. Brown</i> DATE <i>6/15/74</i>				
TITLE WIRED ASSY (CHASSIS 863 P.C.)				
digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS				
SIZE CODE C AD				
NUMBER 7009632-0-0				
REV. C				

AUTOMATED BY PRTLST,3P(44)

P A R T S L I S T

SHEET A2 OF A2

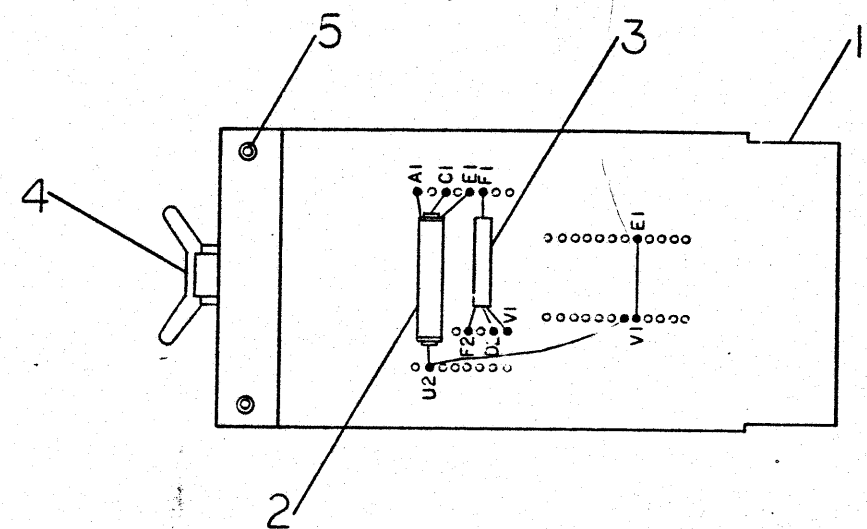
LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION	
					00	01
31	31	C-IA-7414615-0-0	7414615-00	MOUNTING PLATE, CAPACITOR BOX	-	3
32	32		9006071-03	SCREW,TRUS,PHIL, 10-32X 3/8	13	13
33	33		9006073-03	SCREW,TRUS,PHIL, 10-32X 1/2	13	13

D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							CAPACITOR BOX ASSY		K	PL	7009978-0-DBP	E

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION
COPYRIGHT © DIGITAL EQUIPMENT CORPORATION
APRIL 9, 1974

NOTES:

1. MODIFIED CONNECTOR BOARD LOCATED IN SLOT B20.
2. REMOVE EXISTING HANDLE THAT IS LOCATED ON W960A BOARD AND REPLACE WITH MAGENTA FLIP-CHIP (ITEM #4).
3. STAMP P/F ON TOP OF FLIP-CHIP HANDLE AND STAMP #7009879 ON REAR OF HANDLE.



2	EYELETS #A-94 STIMPSON	900674I	5
1	HANDLE, FLIP-CHIP, MAGENTA	9008337-06	4
1	5V RELAY	1209759	3
1	12V RELAY	1203028	2
1	CONNECTOR BOARD	W960A	1

FIRST USED ON OPTION/MODEL		QTY.		DESCRIPTION		PART NO.		ITEM NO.	
LT73-AF-AH									
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES		DRN.		DATE		PARTS LIST			
TOLERANCES		CHK'D.		DATE		digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS			
DECIMALS ANGLES		ENG.		DATE		TITLE			
.XXX = .005		PROJ. ENG.		DATE		POWER FAIL RELAY BOARD			
.XX = .02		PROD.		DATE					
.X = .1		NEXT HIGHER ASSY.							
REMOVE BURRS AND BREAK SHARP CORNER'S SURFACE QUALITY V		C-UA-LT73-0-0		SCALE		NONE			
MATERIAL		SHEET		1		OF		1	
FINISH		DIST.							

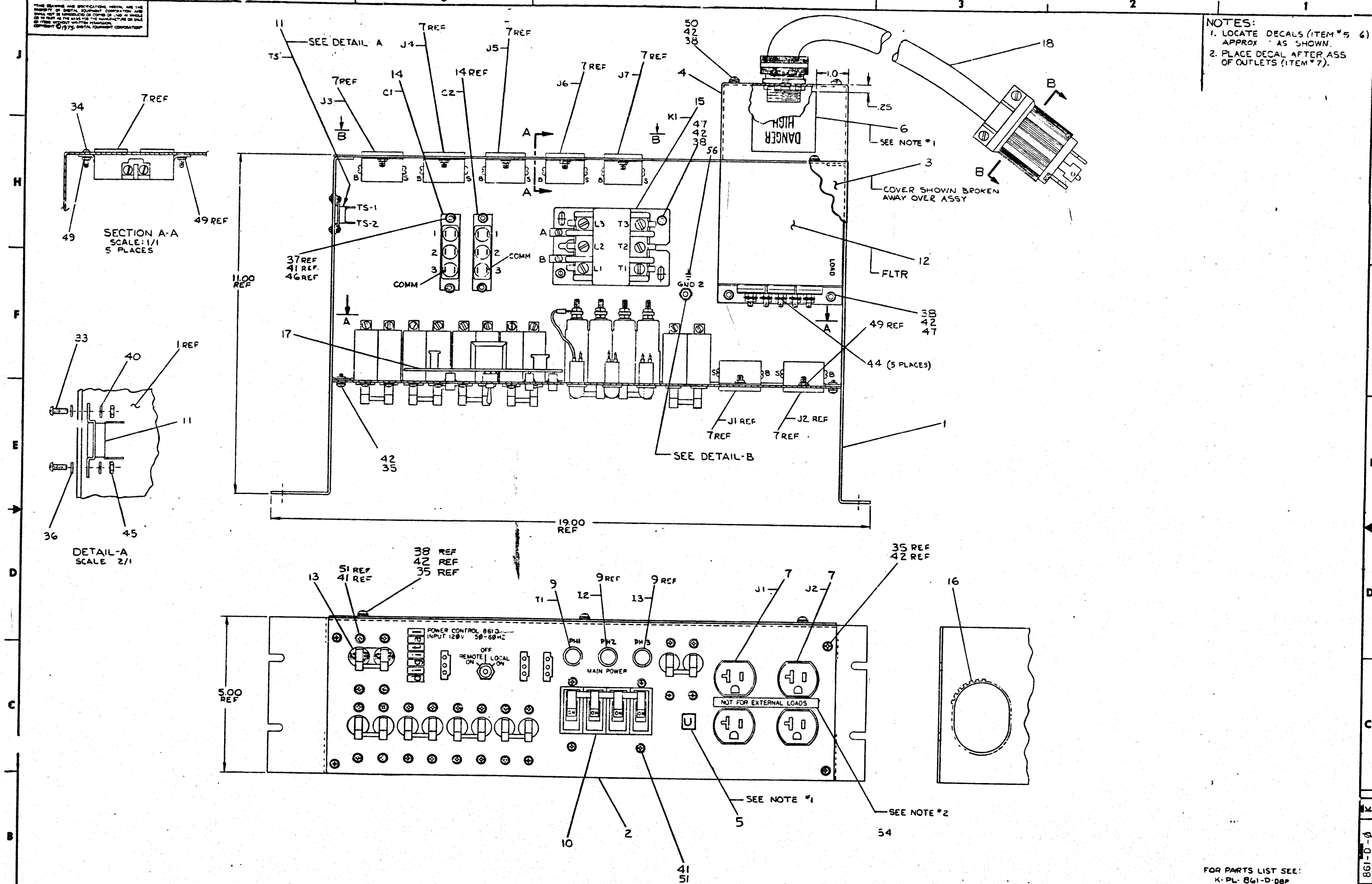
REV. 1	
CHANGE NO. LT73-00004	
ORIGINATED	
CHK	

DEC FORM NO. DRC 100-B

REV. 1
NUMBER 7009879-0-0
SIZE CODE C
REV. 1

THIS DRAWING AND SPECIFICATION HEREIN ARE THE PROPERTY OF THE UNITED STATES GOVERNMENT AND SHALL NOT 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 WRITTEN PERMISSION. GPO: 1975 O-301-000-000

- NOTES:
1. LOCATE DECALS (ITEM #5 6) APPROX. AS SHOWN.
 2. PLACE DECAL AFTER ASSY OF OUTLETS (ITEM #7).

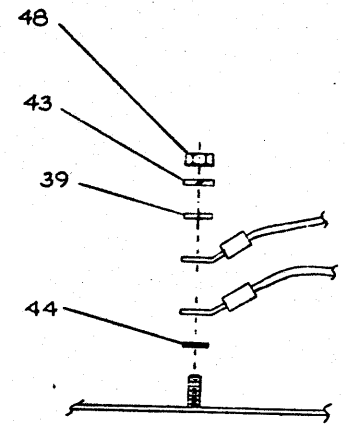


THIS DRAWING AND SPECIFICATIONS, WHEN USED IN CONNECTION WITH THE DRAWING OF THE EQUIPMENT, SHALL BE CONSIDERED AS PART OF THE EQUIPMENT SPECIFICATIONS. NO PART OF THIS DRAWING SHALL BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION IN WRITING FROM THE COMPANY.

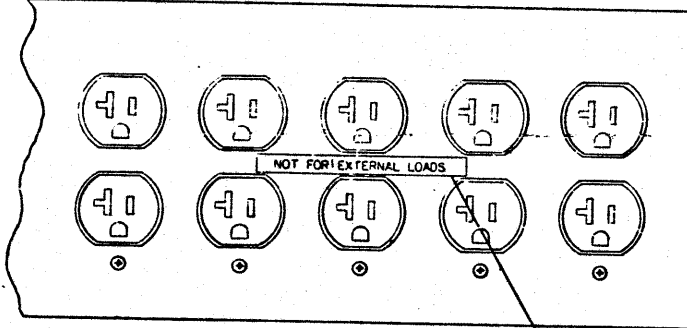
CONNECTION CHART					
ITEM NO	COLOR	AWG	CONNECTION FROM	CONNECTION TO	REMARKS
22	BLU	10	HARNESS 1-1	K1-T3	
	BLK		-2	K1-T1	
	RED		-3	K1-T2	
	RED		-4	CB7-C-LOAD	
	BLK		-5	CB7-D-LOAD	
23	BLU	10	HARNESS 1-6	CB7-B-LOAD	
	RED	10	HARNESS 3-1	CB7-C-LINE	
	BLK		-2	CB7-D-LINE	
	BLU		-3	CB7-B-LINE	
	WHT		-4	CB7-A-LINE	
24	GRN		-5	GND #2	
	WHT		-6	FLTR-LOAD-NEUT	
	GRN		-7	FLTR-LOAD-GND	
	BLK		-8	FLTR-LOAD-PH1	
	BLU		-9	FLTR-LOAD-PH3	
25	RED	10	HARNESS 3-10	FLTR-LOAD-PH2	
	BLK	14	HARNESS 5-1	CB2-B-LINE	
	WHT		-2	CB7-D-LOAD	
	WHT		-3	CB2-A-LINE	
	WHT		-4	CB7-A-LOAD	
26	BLU		-J1	PLT CONT-J6	
	WHT		-7/8	CB7-A-LOAD	
	WHT		-9	CB6-A-LINE	
	RED		-10	CB5-B-LINE	
	WHT		-11	CB5-A-LINE	
27	WHT/BLU		-J2	PLT CONT-J5	
	RED		-14	CB4-B-LINE	
	WHT		-15	CB4-A-LINE	
	BLU		-16	CB1-B-LINE	
	WHT		-17	CB1-A-LINE	
28	BLU		-18	CB3-B-LINE	
	WHT		-19	CB3-A-LINE	
	WHT		-20/21	CB7-A-LOAD	
	WHT		-22/23	CB7-A-LOAD	
	BLU		-24	C1-1	
29	BLU		-25		
	BLU		-26	K1-L3	
	BLU		-27		
	RED		-28	C2-1	
	RED		-29		
30	RED		-30	K1-L2	
	RED		-31		
	BLK		-32	C1-2	
	BLK		-33		
	BLK		-34	K1-L1	
31	WHT		-35	C2-3	
	BLU		-36	K1-B	
	RED		-37	K1-A	
	WHT		-38	CB7-A-LOAD	
	BLK		-39	CB2-B-LINE	
32	BLU		-40	CB7-B-LINE	
	RED	14	HARNESS 5-42	CB7-C-LOAD	
	BLK	22	21-BLK	CB7-A-LINE	
	RED	22	22-RED	CB7-D-LINE	
	BLK	22	23-BLK	CB7-A-LINE	
33	RED	22	23-RED	CB7-B-LINE	

CONNECTION CHART					
ITEM NO	COLOR	AWG	CONNECTION FROM	CONNECTION TO	REMARKS
25	WHT	14	HARNESS 6-1	J7-5	
	BLK		-2	J7-8	
	WHT		-3	J6-5	
	RED		-4	J6-8	
	WHT		-5	J5-9	
26	RED		-6	J5-8	
	WHT		-7	J4-5	
	BLU		-8	J4-8	
	WHT		-9	J3-5	
	BLU		-10	J3-8	
27	WHT		-11	CB1-A-LOAD	
	BLU		-12	CB1-B-LOAD	
	WHT		-13	CB3-A-LOAD	
	BLU		-14	CB3-B-LOAD	
	WHT		-15	CB4-A-LOAD	
28	RED		-16	CB4-B-LOAD	
	WHT		-17	CB5-A-LOAD	
	RED		-18	CB5-B-LOAD	
	WHT		-19	CB6-A-LOAD	
	BLK	14	HARNESS 6-20	CB6-B-LOAD	
29	WHT	14	HARNESS 8-PI	PLT CONT-J4	
	WHT	14	HARNESS 8-3	T5-1	
	WHT	14	HARNESS 8-4	T5-2	
	GRN	10	GND #1	GND #2	
	WHT	14	C1-3	C2-3	
30	WHT	14	J1-5	J2-5	
	GRN	14	PLT CONT-J7	GND #1	
	BLK	14	J1-B	J2-B	
	BRN	10	FLTR-LINE-PH1	PLUG-X	
	BLK		FLTR-LINE-PH2	PLUG-Y	
31	BLK		FLTR-LINE-PH3	PLUG-Z	
	BLU		FLTR-LINE-NEUT	PLUG-W	
	GRN/YEL	10	FLTR-LINE-GND	PLUG-G	
8			K1-A	52 K1-B	52

NOTES FOR WIRING:
1. FOR HARNESS POINT NUMBERS, REFER TO HARNESS DWG.

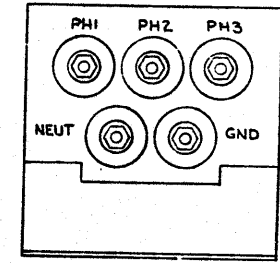


DETAIL B
TYPICAL FOR "GND 1" & "GND 2"

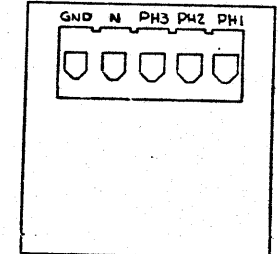


VIEW B-B

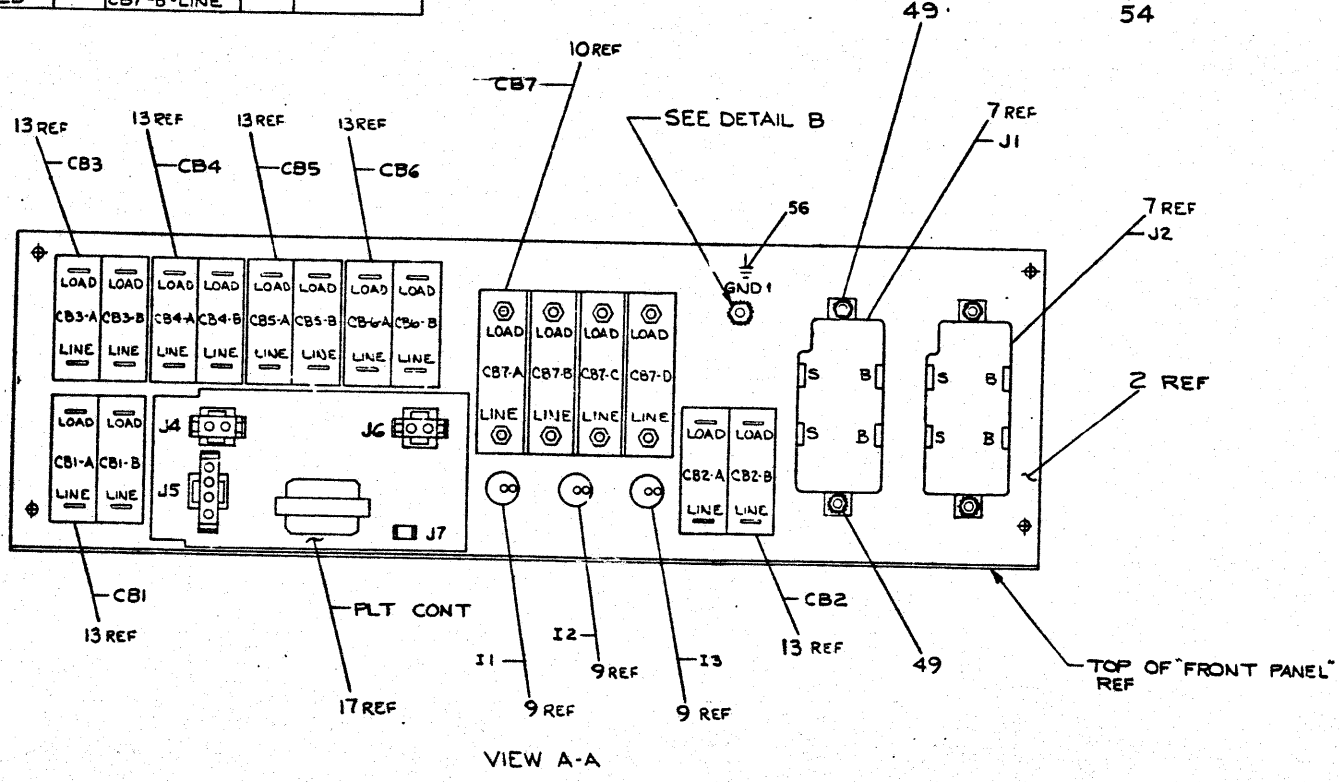
SEE NOTE #2 SHT #1



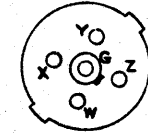
FILTER
(ITEM 12)
LOAD SIDE



FILTER
(ITEM 12)
LINE SIDE



VIEW A-A



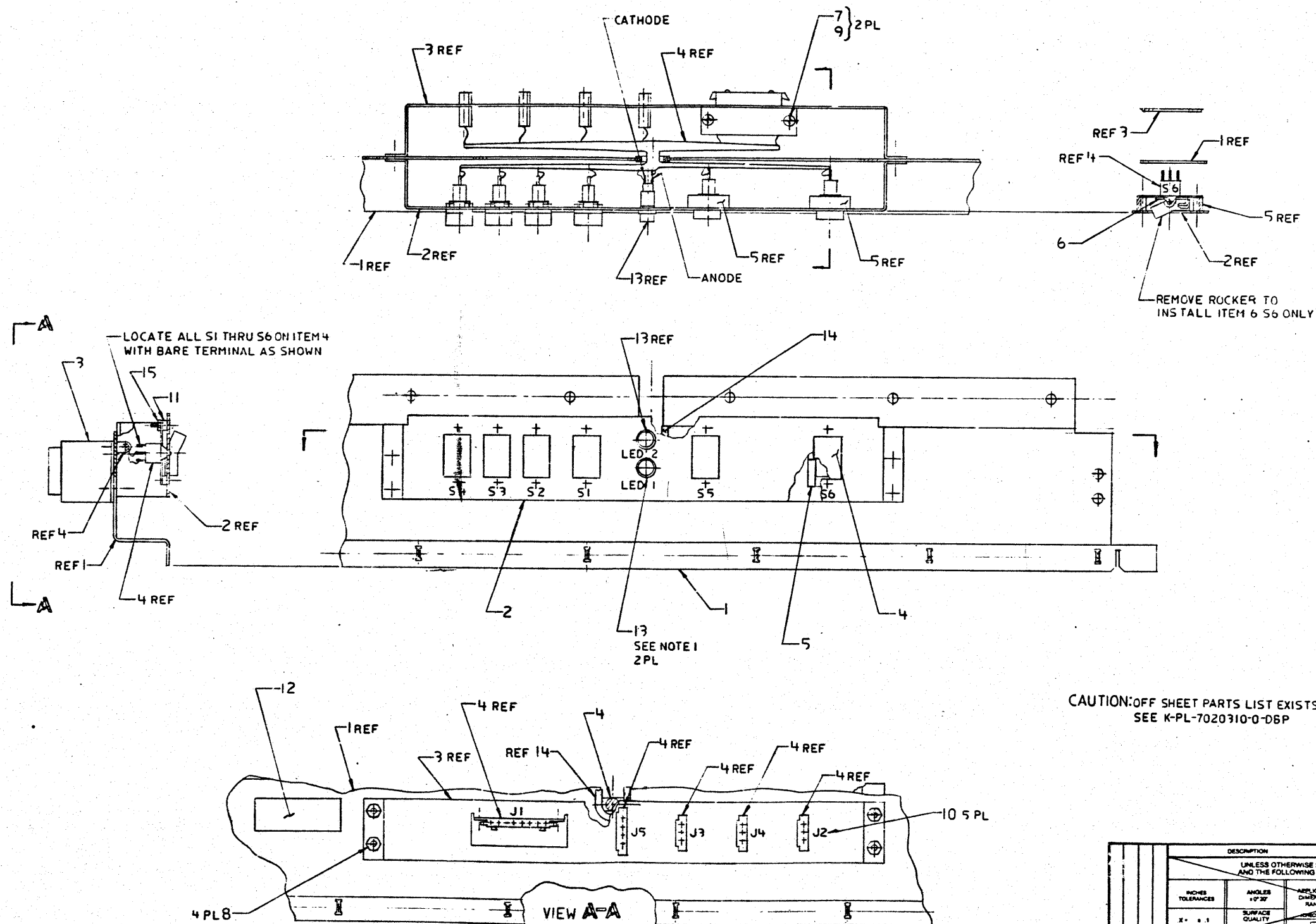
SECTION B-B
SCALE: NONE
"TWIST LOCK PLUG" (ITEM 21)

THIRD ANGLE PROJECTION		DESCRIPTION		DWG PART NO.		ITEM NO.	
REMOVE BURRS AND BREAK SHARP CORNERS		CHECK ONE: ☒ FIRST USED ON		861-D		861-D	
DO NOT SCALE DWG		NEXT HIGHER ASSY.		POWER CONTROL ASSY		REV. 1	
MATERIAL		SCALE: 1/1		SIZE: 000		NUMBER: 861-D-0	
FINISH		SHEET: 1		REV. 1		REV. 1	

ITEM HARNESS TERMINATION CONNECTION			
NO.	POINT	CONN.(REF)	
4	29	---	ANODE ITEM 13 LED 2
4	31	---	CATHODE 2
4	32	---	ANODE 1
4	30	---	CATHODE ITEM 13 LED 1

PART NO.	VARIATION	REV
7020310-00	AS SHOWN	A 1

NOTES:
1 MOUNTING HARDWARE SUPPLIED WITH ITEM 13



CAUTION: OFF SHEET PARTS LIST EXISTS
SEE K-PL-7020310-0-06P

DESCRIPTION		DRAWING NO.		PART NO.		ITEM NO.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND THE FOLLOWING TOLERANCES APPLY (PER DEC STD 114)							
INCHES		TOLERANCES		APPLICABLE DIMENSION RANGE		DIMENSION RANGE IN INCHES	
OVER 12		OVER 12		OVER 12		OVER 12	
12 TO 18		12 TO 18		12 TO 18		12 TO 18	
18 TO 24		18 TO 24		18 TO 24		18 TO 24	
24 TO 30		24 TO 30		24 TO 30		24 TO 30	
30 TO 36		30 TO 36		30 TO 36		30 TO 36	
36 TO 42		36 TO 42		36 TO 42		36 TO 42	
42 TO 48		42 TO 48		42 TO 48		42 TO 48	
48 TO 54		48 TO 54		48 TO 54		48 TO 54	
54 TO 60		54 TO 60		54 TO 60		54 TO 60	
60 TO 66		60 TO 66		60 TO 66		60 TO 66	
66 TO 72		66 TO 72		66 TO 72		66 TO 72	
72 TO 78		72 TO 78		72 TO 78		72 TO 78	
78 TO 84		78 TO 84		78 TO 84		78 TO 84	
84 TO 90		84 TO 90		84 TO 90		84 TO 90	
90 TO 96		90 TO 96		90 TO 96		90 TO 96	
96 TO 102		96 TO 102		96 TO 102		96 TO 102	
102 TO 108		102 TO 108		102 TO 108		102 TO 108	
108 TO 114		108 TO 114		108 TO 114		108 TO 114	
114 TO 120		114 TO 120		114 TO 120		114 TO 120	
120 TO 126		120 TO 126		120 TO 126		120 TO 126	
126 TO 132		126 TO 132		126 TO 132		126 TO 132	
132 TO 138		132 TO 138		132 TO 138		132 TO 138	
138 TO 144		138 TO 144		138 TO 144		138 TO 144	
144 TO 150		144 TO 150		144 TO 150		144 TO 150	
150 TO 156		150 TO 156		150 TO 156		150 TO 156	
156 TO 162		156 TO 162		156 TO 162		156 TO 162	
162 TO 168		162 TO 168		162 TO 168		162 TO 168	
168 TO 174		168 TO 174		168 TO 174		168 TO 174	
174 TO 180		174 TO 180		174 TO 180		174 TO 180	
180 TO 186		180 TO 186		180 TO 186		180 TO 186	
186 TO 192		186 TO 192		186 TO 192		186 TO 192	
192 TO 198		192 TO 198		192 TO 198		192 TO 198	
198 TO 204		198 TO 204		198 TO 204		198 TO 204	
204 TO 210		204 TO 210		204 TO 210		204 TO 210	
210 TO 216		210 TO 216		210 TO 216		210 TO 216	
216 TO 222		216 TO 222		216 TO 222		216 TO 222	
222 TO 228		222 TO 228		222 TO 228		222 TO 228	
228 TO 234		228 TO 234		228 TO 234		228 TO 234	
234 TO 240		234 TO 240		234 TO 240		234 TO 240	
240 TO 246		240 TO 246		240 TO 246		240 TO 246	
246 TO 252		246 TO 252		246 TO 252		246 TO 252	
252 TO 258		252 TO 258		252 TO 258		252 TO 258	
258 TO 264		258 TO 264		258 TO 264		258 TO 264	
264 TO 270		264 TO 270		264 TO 270		264 TO 270	
270 TO 276		270 TO 276		270 TO 276		270 TO 276	
276 TO 282		276 TO 282		276 TO 282		276 TO 282	
282 TO 288		282 TO 288		282 TO 288		282 TO 288	
288 TO 294		288 TO 294		288 TO 294		288 TO 294	
294 TO 300		294 TO 300		294 TO 300		294 TO 300	
300 TO 306		300 TO 306		300 TO 306		300 TO 306	
306 TO 312		306 TO 312		306 TO 312		306 TO 312	
312 TO 318		312 TO 318		312 TO 318		312 TO 318	
318 TO 324		318 TO 324		318 TO 324		318 TO 324	
324 TO 330		324 TO 330		324 TO 330		324 TO 330	
330 TO 336		330 TO 336		330 TO 336		330 TO 336	
336 TO 342		336 TO 342		336 TO 342		336 TO 342	
342 TO 348		342 TO 348		342 TO 348		342 TO 348	
348 TO 354		348 TO 354		348 TO 354		348 TO 354	
354 TO 360		354 TO 360		354 TO 360		354 TO 360	
360 TO 366		360 TO 366		360 TO 366		360 TO 366	
366 TO 372		366 TO 372		366 TO 372		366 TO 372	
372 TO 378		372 TO 378		372 TO 378		372 TO 378	
378 TO 384		378 TO 384		378 TO 384		378 TO 384	
384 TO 390		384 TO 390		384 TO 390		384 TO 390	
390 TO 396		390 TO 396		390 TO 396		390 TO 396	
396 TO 402		396 TO 402		396 TO 402		396 TO 402	
402 TO 408		402 TO 408		402 TO 408		402 TO 408	
408 TO 414		408 TO 414		408 TO 414		408 TO 414	
414 TO 420		414 TO 420		414 TO 420		414 TO 420	
420 TO 426		420 TO 426		420 TO 426		420 TO 426	
426 TO 432		426 TO 432		426 TO 432		426 TO 432	
432 TO 438		432 TO 438		432 TO 438		432 TO 438	
438 TO 444		438 TO 444		438 TO 444		438 TO 444	
444 TO 450		444 TO 450		444 TO 450		444 TO 450	
450 TO 456		450 TO 456		450 TO 456		450 TO 456	
456 TO 462		456 TO 462		456 TO 462		456 TO 462	
462 TO 468		462 TO 468		462 TO 468		462 TO 468	
468 TO 474		468 TO 474		468 TO 474		468 TO 474	
474 TO 480		474 TO 480		474 TO 480		474 TO 480	
480 TO 486		480 TO 486		480 TO 486		480 TO 486	
486 TO 492		486 TO 492		486 TO 492		486 TO 492	
492 TO 498		492 TO 498		492 TO 498		492 TO 498	
498 TO 504		498 TO 504		498 TO 504		498 TO 504	
504 TO 510		504 TO 510		504 TO 510		504 TO 510	
510 TO 516		510 TO 516		510 TO 516		510 TO 516	
516 TO 522		516 TO 522		516 TO 522		516 TO 522	
522 TO 528		522 TO 528		522 TO 528		522 TO 528	
528 TO 534		528 TO 534		528 TO 534		528 TO 534	
534 TO 540		534 TO 540		534 TO 540		534 TO 540	
540 TO 546		540 TO 546		540 TO 546		540 TO 546	
546 TO 552		546 TO 552		546 TO 552		546 TO 552	
552 TO 558		552 TO 558		552 TO 558		552 TO 558	
558 TO 564		558 TO 564		558 TO 564		558 TO 564	
564 TO 570		564 TO 570		564 TO 570		564 TO 570	
570 TO 576		570 TO 576		570 TO 576		570 TO 576	
576 TO 582		576 TO 582		576 TO 582		576 TO 582	
582 TO 588		582 TO 588		582 TO 588		582 TO 588	
588 TO 594		588 TO 594		588 TO 594		588 TO 594	
594 TO 600		594 TO 600		594 TO 600		594 TO 600	
600 TO 606		600 TO 606		600 TO 606		600 TO 606	
606 TO 612		606 TO 612		606 TO 612		606 TO 612	
612 TO 618		612 TO 618		612 TO 618		612 TO 618	
618 TO 624		618 TO 624		618 TO 624		618 TO 624	
624 TO 630		624 TO 630		624 TO 630		624 TO 630	
630 TO 636		630 TO 636		630 TO 636		630 TO 636	
636 TO 642		636 TO 642		636 TO 642		636 TO 642	
642 TO 648		642 TO 648		642 TO 648		642 TO 648	
648 TO 654		648 TO 654		648 TO 654		648 TO 654	
654 TO 660		654 TO 660		654 TO 660		654 TO 660	
660 TO 666		660 TO 666		660 TO 666		660 TO 666	
666 TO 672		666 TO 672		666 TO 672		666 TO 672	
672 TO 678		672 TO 678		672 TO 678		672 TO 678	
678 TO 684		678 TO 684		678 TO 684		678 TO 684	
684 TO 690		684 TO 690		684 TO 690		684 TO 690	
690 TO 696		690 TO 696		690 TO 696		690 TO 696	
696 TO 702		696 TO 702		696 TO 702		696 TO 702	
702 TO 708		702 TO 708		702 TO 708		702 TO 708	
708 TO 714		708 TO 714		708 TO 714		708 TO 714	
714 TO 720		714 TO 720		714 TO 720		714 TO 720	
720 TO 726		720 TO 726		720 TO 726		720 TO 726	
726 TO 732		726 TO 732		726 TO 732		726 TO 732	
732 TO 738		732 TO 738		732 TO 738		732 TO 738	
738 TO 744		738 TO 744		738 TO 744		738 TO 744	
744 TO 750		744 TO 750		744 TO 750		744 TO 750	
750 TO 756		750 TO 756		750 TO 756		750 TO 756	
756 TO 762		756 TO 762		756 TO 762		756 TO 762	
762 TO 768		762 TO 768		762 TO 768		762 TO 768	
768 TO 774		768 TO 774		768 TO 774		768 TO 774	
774 TO 780		774 TO 780		774 TO 780		774 TO 780	
780 TO 786		780 TO 786		780 TO 786		780 TO 786	
786 TO 792		786 TO 792		786 TO 792		786 TO 792	
792 TO 798		792 TO 798		792 TO 798		792 TO 798	
798 TO 804		798 TO 804		798 TO 804		798 TO 804	
804 TO 810		804 TO 810		804 TO 810		804 TO 810	
810 TO 816		810 TO 816		810 TO 816		810 TO 816	
816 TO 822		816 TO 822		816 TO 822		816 TO 822	
822 TO 828		822 TO 828		822 TO 828		822 TO 828	
828 TO 834		828 TO 834		828 TO 834		828 TO 834	
834 TO 840		834 TO 840		834 TO 840		834 TO 840	
840 TO 846		840 TO 846		840 TO 846		840 TO 846	
846 TO 852		846 TO 852		846 TO 852		846 TO 852	
852 TO 858		852 TO 858		852 TO 858		852 TO 858	
858 TO 864		858 TO 864		858 TO 864		858 TO 864	
864 TO 870		864 TO 870		864 TO 870		864 TO 870	
870 TO 876		870 TO 876		870 TO 876		870 TO 876	
876 TO 882		876 TO 882		876 TO 882		876 TO 882	
882 TO 888		882 TO 888		882 TO 888		882 TO 888	
888 TO 894		888 TO 894		888 TO 894		888 TO 894	
894 TO 900		894 TO 900		894 TO 900		894 TO 900	
900 TO 906		900 TO 906		900 TO 906		900 TO 906	
906 TO 912		906 TO 912		906 TO 912		906 TO 912	
912 TO 918		912 TO 918		912 TO 918		912 TO 918	
918 TO 924		918 TO 924		918 TO 924		918 TO 924	
924 TO 930		924 TO 930		924 TO 930		924 TO 930	
930 TO 936		930 TO 936		930 TO 936		930 TO 936	
936 TO 942		936 TO 942		936 TO 942		936 TO 942	
942 TO 948		942 TO 948		942 TO 948		942 TO 948	
948 TO 954		948 TO 954		948 TO 954		948 TO 954	
954 TO 960		954 TO 960		954 TO 960		954 TO 960	
960 TO 966		960 TO 966		960 TO 966		960 TO 966	
966 TO 972		966 TO 972		966 TO 972		966 TO 972	
972 TO 978		972 TO 978		972 TO 978		972 TO 978	
978 TO 984		978 TO 984		978 TO 984		978 TO 984	
984 TO 990		984 TO 990		984 TO 990		984 TO 990	
990 TO 996		990 TO 996		990 TO 996		990 TO 996	
996 TO 1002		996 TO 1002		996 TO 1002		996 TO 1002	
1002 TO 1008		1002 TO 1008		1002 TO 1008		1002 TO 1008	
1008 TO 1014		1008 TO 1014		1008 TO 1014		1008 TO 1014	
1014 TO 1020		1014					

AUTOMATED BY PRTLST.5R(52)

PARTS LIST

SHEET A1 OF A1

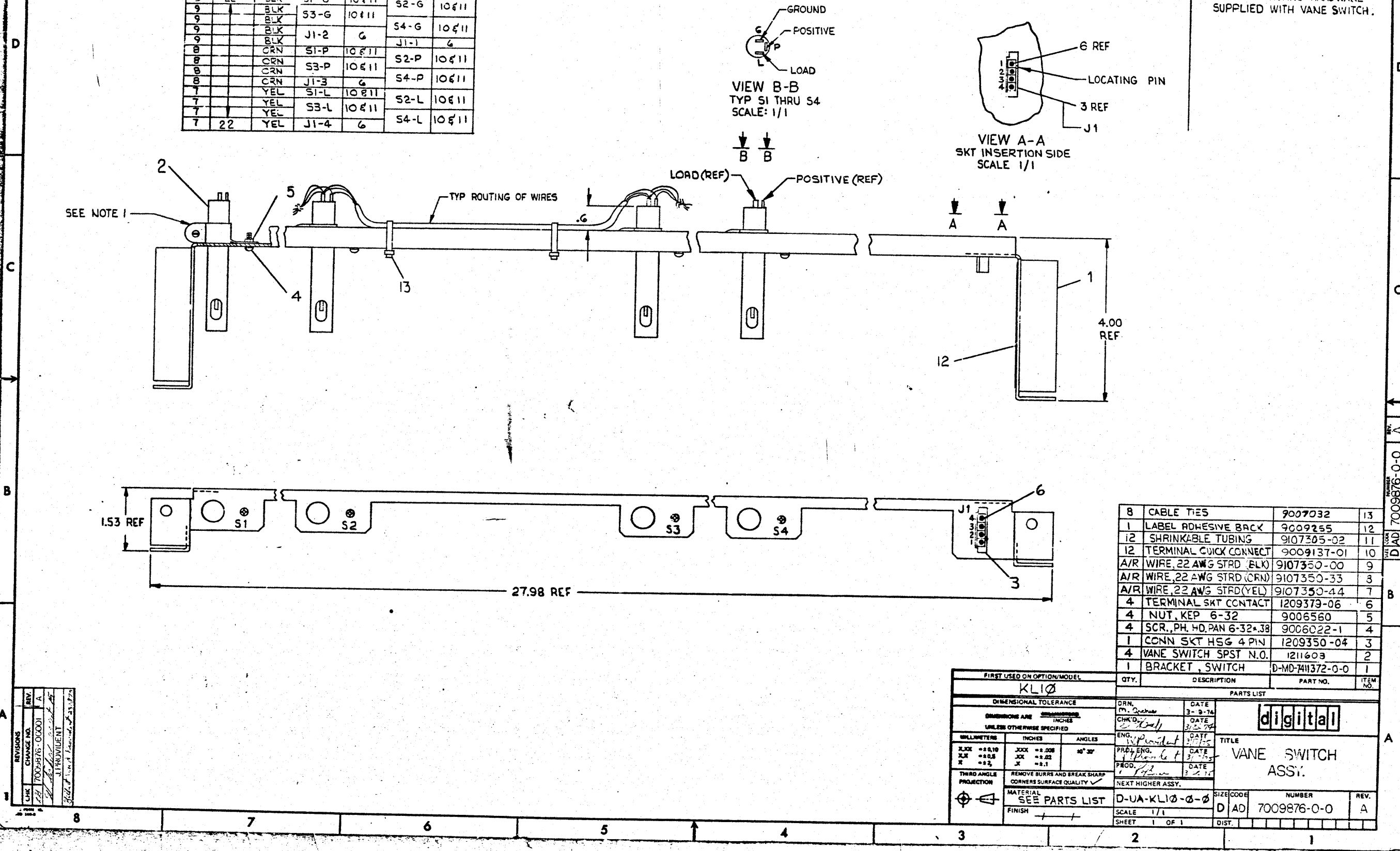
LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VARIATION
						00
						A1
1	1	E-MD-7426453-0-0	7426453-01	A	SHIELD CONTROL DOUBLE	1
2	2	D-IA-7426474-0-0	7426474-01	A	PLATE, SWITCH MOUNTING	1
3	3	D-IA-7426473-0-0	7426473-01	A	PLATE, CONNECTOR MOUNTING	1
4	4	E-IA-7020315-0-0	7020315-00		SWITCH PANEL HARNESS	1
5	5	B-MD-7414143-0-0	7414143-00		SPACER	2
6	6	B-MD-7413680-0-0	7413680-00		SWITCH LOCK	1
7	7		9006560-00	A	NUT, HEX EXT TOOTH LCKWSHR 6-32	2
8	8		9006563-00	A	NUT, HEX EXT TOOTH LCKWSHR 8-32	4
9	9		9006022-01	A	SCREW, WACH PAN PHIL 6-	2
10	10		7409873-01		PWR CONN DECAL WHITE ON CLEAR	1
11	11		9009283-00	A	SPACER, CLEAR HOLE HEX ALUM 6	8
12	12		900,255-03	B	LABEL, P.S./SUB.ASSY ID	11
13	13		1212749-00		LIGHT, PNL INDICATOR, LED, RED	2
14	14		9009533-00	A	CHANNEL "U" EXTRUDED RUBBER	A/R
15	15		9006557-00	A	NUT, HEX EXT TOOTH LCKWSHR 4-40	12

REVISION HISTORY			BASIC PART NO: 7020310					
ENG	ECO NUMBER	REV	SECTION A OF A	DRN: W. FAULSTICH	DATE: 09-JUN-83	DIGITAL		
	INITIAL	A	SECTION VARIATION INDEX	CHK'D: JEFF HUSTON	DATE: 09-JUN-83	TITLE PARTS LIST		
			CAJ00			PANEL ASSY SWITCH		
			[B]	DES.ENG: ROGER SCOTT	DATE: 09-JUN-83	DOCUMENT NUMBER		
			[C]			SIZE	CODE	NUMBER
			[D]	RESP.ENG.: ROGER SCOTT	DATE: 09-JUN-83	K	PL	7020310-0-DBP
			[E]	MPG.ENG.: SUE ALMEIDA	DATE: 09-JUN-83	RELEASE DATE:		
			[F]	ASSEMBLY NUMBER:	TOP DOCUMENT NUMBER:	FILE NAME:		EDIT #
						Z6857A.PLS		5
"THIS DRAWING AND THE SPECIFICATIONS CONTAINED HEREIN ARE CONFIDENTIAL AND PROPRIETARY. THEY 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. THIS IS AN UNPUBLISHED WORK PROTECTED UNDER THE FEDERAL COPYRIGHT LAWS."								

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	DESCRIPTION	FROM		TO			
		NO	AWG	COL	CR	CONN	TERM
9	22	BLK	S1-G	10	11	S2-G	10
9		BLK	S3-G	10	11	S4-G	10
9		BLK	J1-2	6		J1-1	6
8		CRN	S1-P	10	11	S2-P	10
8		CRN	S3-P	10	11	S4-P	10
8		CRN	J1-3	6		J1-4	6
7		YEL	S1-L	10	11	S2-L	10
7		YEL	S3-L	10	11	S4-L	10
7	22	YEL	J1-4	6			

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



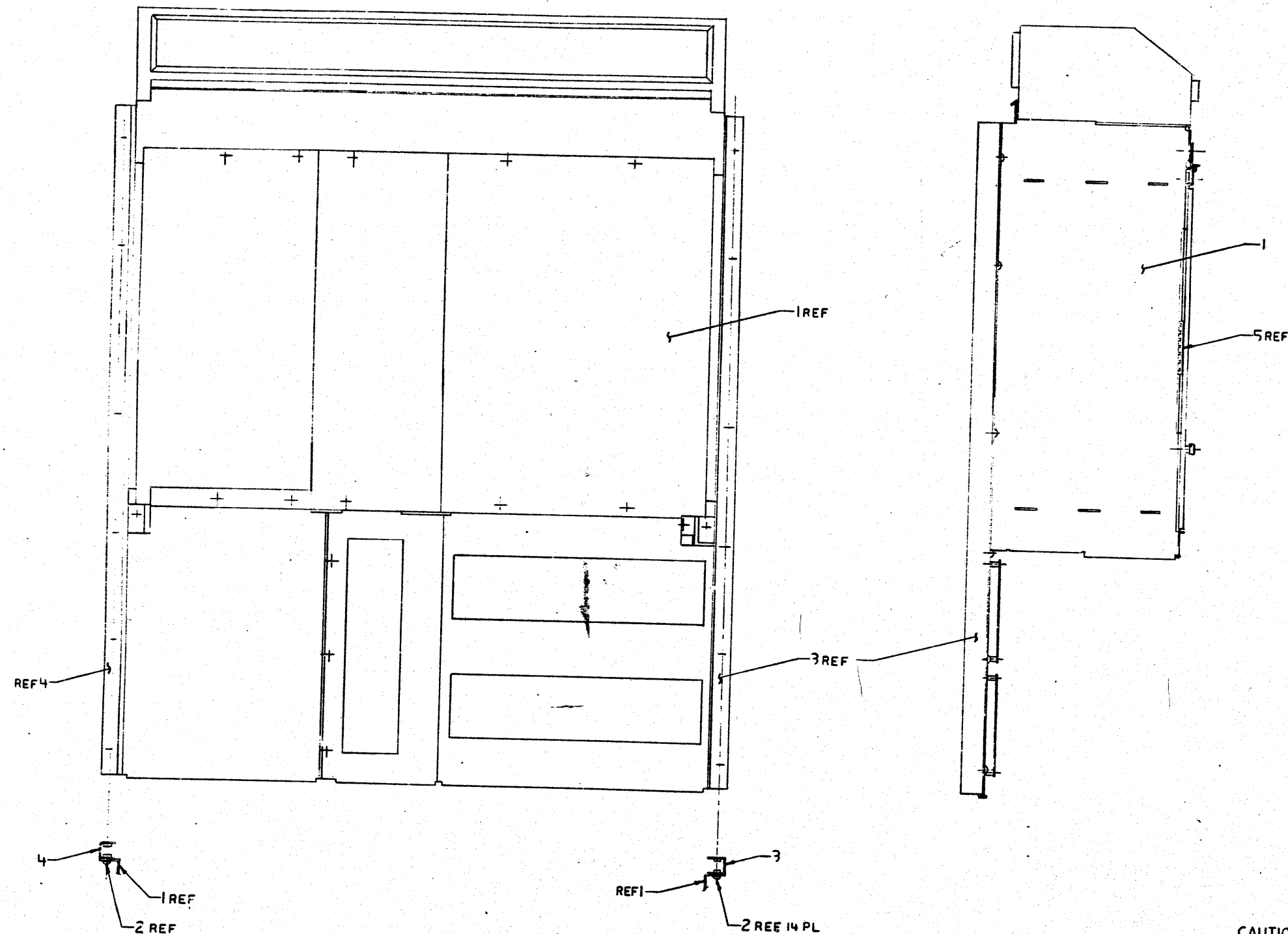
QTY.	DESCRIPTION	PART NO.	ITEM NO.
8	CABLE TIES	9007032	13
1	LABEL ADHESIVE BACK	9009255	12
12	SHRINKABLE TUBING	9107305-02	11
12	TERMINAL QUICK CONNECT	9009137-01	10
A/R	WIRE, 22 AWG STRD (BLK)	9107350-00	9
A/R	WIRE, 22 AWG STRD (CRN)	9107350-33	8
A/R	WIRE, 22 AWG STRD (YEL)	9107350-44	7
4	TERMINAL 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.	1211603	2
1	BRACKET, SWITCH	D-MD-7411372-0-0	1

FIRST USED ON OPTION/MODEL		PARTS LIST	
KL10		digital	
DIMENSIONAL TOLERANCE		DRN. m. 3-9-74	DATE 3-9-74
DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED		CHKD. 3-15-74	DATE 3-15-74
INCHES	ANGLES	ENG. 3-15-74	DATE 3-15-74
0.005	0.005	PROL. ENG. 3-15-74	DATE 3-15-74
0.01	0.01	PROD. 3-15-74	DATE 3-15-74
THIRD ANGLE PROJECTION	REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY	NEXT HIGHER ASSY.	
MATERIAL SEE PARTS LIST		SIZE CODE D-UA-KL10-0-0	NUMBER 7009876-0-0
FINISH		SCALE 1/1	REV. A
		SHEET 1 OF 1	

REV.	CHANGE NO.	DATE	BY
1	1	3-15-74	KL10

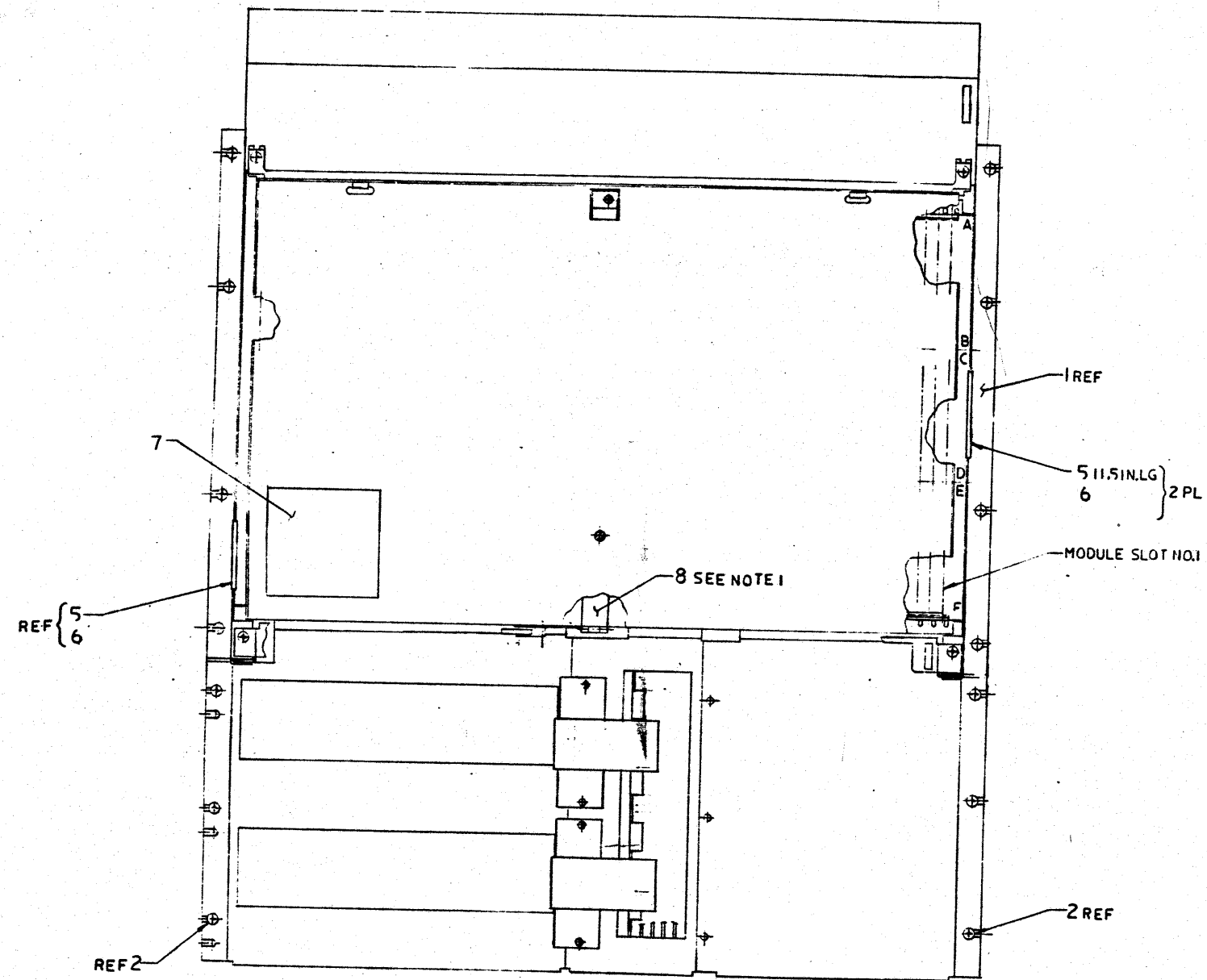
NOTES:

1 REMOVE EXISTING ITEM AND REPLACE WITH ITEM 8.



CAUTION: OFF SHEET PARTS LIST EXISTS
SEE K-PL-70203810-DBP

PART NO.		DRAWING NO.		DESCRIPTION		ITEM NO.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND THE FOLLOWING TOLERANCES APPLY (PER DEC STD 114)							
RICHES TOLERANCES		ANGLES 1/2 3P		APPLICABLE DIMENSION RANGE		DIMENSION RANGE IN INCHES	
X = .01		SURFACE QUALITY		OVER 12		OVER 12	
X = .02		✓		10		10	
X = .05		✓		0.2		0.2	
		✓		0.05		0.05	
		✓		0.02		0.02	
		✓		0.01		0.01	
		✓		0.005		0.005	
		✓		0.002		0.002	
		✓		0.001		0.001	
		✓		0.0005		0.0005	
		✓		0.0002		0.0002	
		✓		0.0001		0.0001	
		✓		0.00005		0.00005	
		✓		0.00002		0.00002	
		✓		0.00001		0.00001	
		✓		0.000005		0.000005	
		✓		0.000002		0.000002	
		✓		0.000001		0.000001	
		✓		0.0000005		0.0000005	
		✓		0.0000002		0.0000002	
		✓		0.0000001		0.0000001	
		✓		0.00000005		0.00000005	
		✓		0.00000002		0.00000002	
		✓		0.00000001		0.00000001	
		✓		0.000000005		0.000000005	
		✓		0.000000002		0.000000002	
		✓		0.000000001		0.000000001	
		✓		0.0000000005		0.0000000005	
		✓		0.0000000002		0.0000000002	
		✓		0.0000000001		0.0000000001	
		✓		0.00000000005		0.00000000005	
		✓		0.00000000002		0.00000000002	
		✓		0.00000000001		0.00000000001	
		✓		0.000000000005		0.000000000005	
		✓		0.000000000002		0.000000000002	
		✓		0.000000000001		0.000000000001	
		✓		0.0000000000005		0.0000000000005	
		✓		0.0000000000002		0.0000000000002	
		✓		0.0000000000001		0.0000000000001	
		✓		0.00000000000005		0.00000000000005	
		✓		0.00000000000002		0.00000000000002	
		✓		0.00000000000001		0.00000000000001	
		✓		0.000000000000005		0.000000000000005	
		✓		0.000000000000002		0.000000000000002	
		✓		0.000000000000001		0.000000000000001	
		✓		0.0000000000000005		0.0000000000000005	
		✓		0.0000000000000002		0.0000000000000002	
		✓		0.0000000000000001		0.0000000000000001	
		✓		0.00000000000000005		0.00000000000000005	
		✓		0.00000000000000002		0.00000000000000002	
		✓		0.00000000000000001		0.00000000000000001	
		✓		0.000000000000000005		0.000000000000000005	
		✓		0.000000000000000002		0.000000000000000002	
		✓		0.000000000000000001		0.000000000000000001	
		✓		0.0000000000000000005		0.0000000000000000005	
		✓		0.0000000000000000002		0.0000000000000000002	
		✓		0.0000000000000000001		0.0000000000000000001	
		✓		0.00000000000000000005		0.0000000000000000	



VIEW B-B SHI

REVISION HISTORY		
ECO NUMBER	REV	

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

8

100

5

TITLE	LOGIC ASSY RH20 / DTE20
-------	----------------------------

DOCUMENT NUMBER

CODE	NAME	REV
1.0	703000	

EAD	7020381-20	1
-----	------------	---

SCALE 1/2	SHEET 2	OF
-----------	---------	----

AUTOMATED BY PRTLST.5R(52)

PARTS LIST

SHEET A1 OF A1

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VARIATION
						00
						A1
1	1	E-AD-7012278-0-0	7012278-00		RH20/DTE20 LOGIC ASSY	1
2	2		9009700-00	A	SCREW,SEMS TRUSS PHIL	10- 14
3	3	D-YA-7426455-0-0	7426455-01	A	CHANNEL,CARD CAGE SPACER RIGHT	1
4	4	D-IA-7426454-0-0	7426454-01	A	CHANNEL,CARD CAGE SPACER LEFT	1
5	5		9007035-00	B	GROMMET,CATERPILLAR POLYAMIDE	A/R
6	6		9007594-00	A	ADHESIVE,NEOPRENE	A/R
7	7		7412561-00		DECAL MG10	1
8	8		7426469-01	A	SUPPORT C/C WELDMENT	1

REVISION HISTORY			BASIC PART NO: 7020381					
ENG	ECO NUMBER	REV	SECTION A OF A	DRN: VICKY GUTBIER	DATE: 13-JUL-83	D I G I T A L		
---	INITIAL	A	SECTION.VARIATION INDEX	CHK'D: JEFF HUSON	DATE: 13-JUL-83	TITLE PARTS LIST		
			CAJ00			LOGIC ASSY RH20/DTE20		
			[B]	DES.ENG: ROGER SCOTT	DATE: 14-JUL-83	DOCUMENT NUMBER		
			[C]			SIZE	CODE	NUMBER
			[D]	RESP.ENG.: ROGRE SCOTT	DATE: 14-JUL-83	K	PL	7020381-0-DBP
			[E]			REV		
			[F]	MPG.ENG.: SUE ALMEIDA	DATE: 14-JUL-83	RELEASE DATE:		
				ASSEMBLY NUMBER:	TOP DOCUMENT NUMBER:	FILE NAME:		EDIT #
				E-AD-7020381-0-0	K-PL-7020381-0-DBP	Z7429A.PLS		5
"THIS DRAWING AND THE SPECIFICATIONS CONTAINED HEREIN ARE CONFIDENTIAL AND PROPRIETARY. THEY 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. THIS IS AN UNPUBLISHED WORK PROTECTED UNDER THE FEDERAL COPYRIGHT LAWS."								

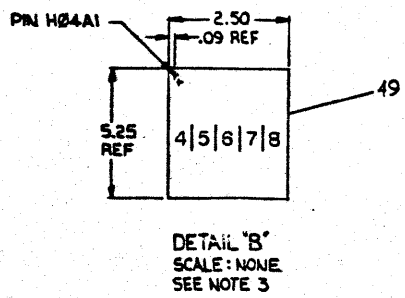
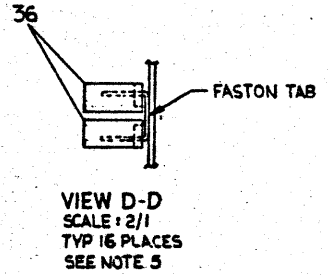
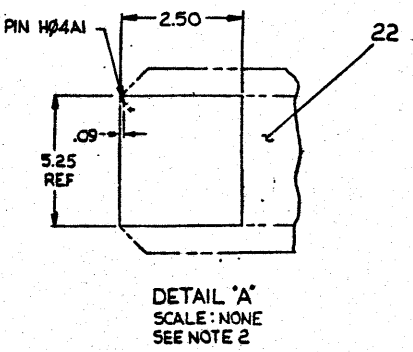
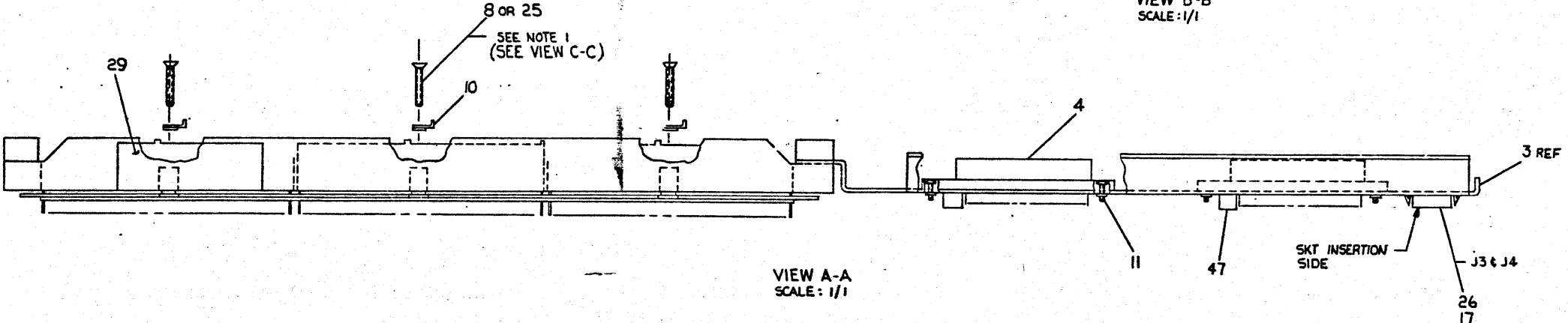
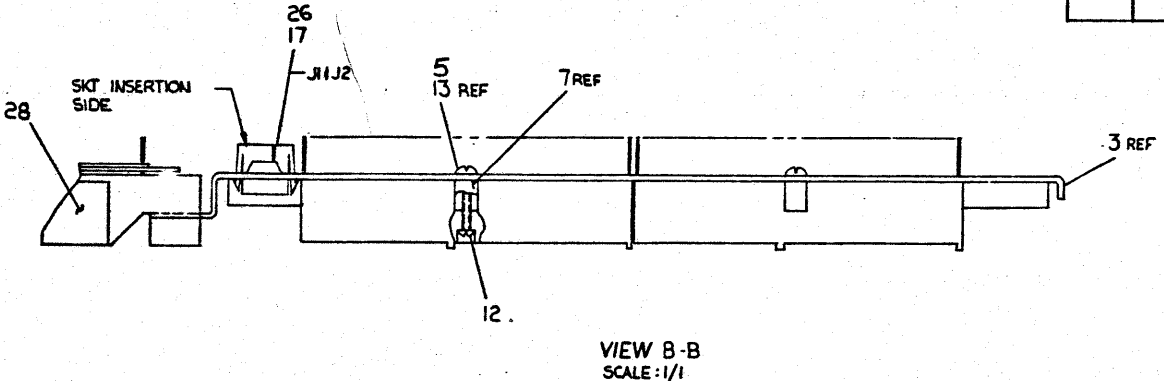
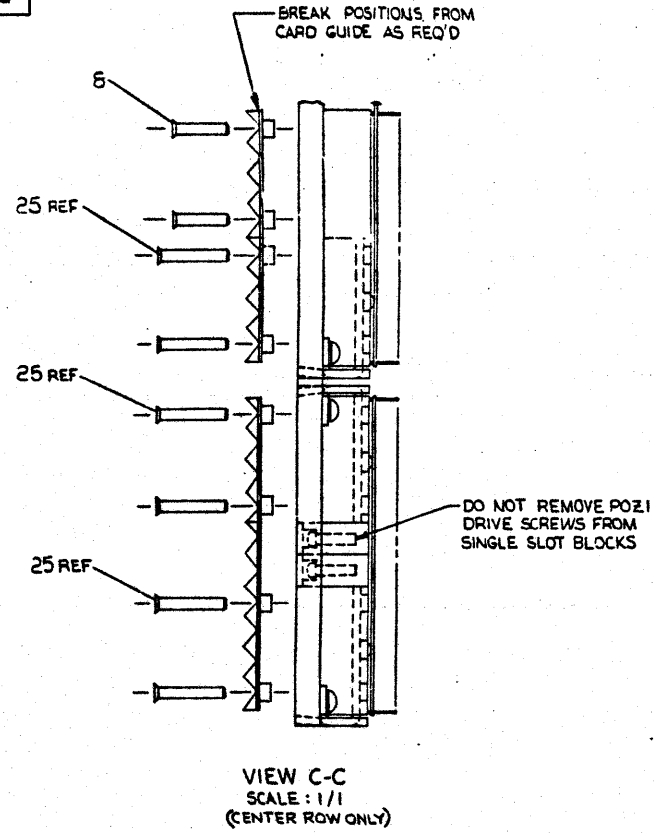
MR

THIS DRAWING AND SPECIFICATIONS HERETO ARE THE PROPERTY OF THE UNITED STATES GOVERNMENT AND SHALL NOT BE REPRODUCED OR COPIED IN ANY MANNER OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT WRITTEN PERMISSION OF THE UNITED STATES GOVERNMENT.

DO NOT SCALE DRAWING

WIRE TABLE						
ITEM NO	DESCRIPTION	COLOR	FROM	TO	REMARKS	
33	18	RED	J1-1	ITEM 26	2E01L1	+5V
		BLK	J1-2		2E01N2	GND
32		WHT	J1-3		2H02N1	SIGNAL
		BLK	J1-4		2H02N2	GND
33		RED	J2-1		2A06L1	+5V
		BLK	J2-2		2A06N2	GND
32		WHT	J2-3		2A06J2	SIGNAL
		BLK	J2-4		2A06H1	GND
33		RED	J3-1		2C06L1	+5V
		BLK	J3-2		2C06N2	GND
32		WHT	J3-3		2K08N1	SIGNAL
		BLK	J3-4		2K08N2	GND
33		RED	J4-1		2E06L1	+5V
		BLK	J4-2		2E06N2	GND
32		WHT	J4-3		2L08J2	SIGNAL
		BLK	J4-4	ITEM 26	2L08H1	GND
45	18	BLK	GND-1	SOLDER	GND-5	ITEM 46
45	18	BLK	GND-2	SOLDER	GND-6	ITEM 46
45	18	BLK	GND-3	SOLDER	GND-7	ITEM 46
45	18	BLK	GND-4	SOLDER	GND-8	ITEM 46

GROUND PIN CHART				
PIN #	PIN #	PIN #	PIN #	PIN #
H04A2	H05A2	H06A2	H07A2	H08A2
H04B2	H05B2	H06B2	H07B2	H08B2
H04C2	H05C2	H06C2	H07C2	H08C2
H04N1	H05N1	H06N1	H07N1	H08N1
H04P1	H05P1	H06P1	H07P1	H08P1
H04R1	H05R1	H06R1	H07R1	H08R1
H04S1	H05S1	H06S1	H07S1	H08T1
H04T1	H05T1	H06T1	H07T1	H08T2
H04V2	H05V2	H06V2	H07V2	H08U1
J04A2	J05A2	J06A2	J07A2	H23V1
J04B2	J05B2	J06B2	J07B2	J08A1
J04C2	J05C2	J06C2	J07C2	J08A2
J04D1	J05D1	J06D1	J07D1	J08B1
J04E1	J05E1	J06E1	J07E1	J08B2
J04F1	J05F1	J06F1	J07F1	J08C1
J04V2	J05V2	J06V2	J07V2	J08C2
K04A2	K05A2	K06A2	K07A2	J08H1
K04B2	K05B2	K06B2	K07B2	J08N1
K04C2	K05C2	K06C2	K07C2	J08N2
K04N1	K05N1	K06N1	K07N1	J08T1
K04P1	K05P1	K06P1	K07P1	K08A2
K04R1	K05R1	K06R1	K07R1	K08B1
K04S1	K05S1	K06S1	K07S1	K08B2
K04T1	K05T1	K06T1	K07T1	K08C2
K04V2	K05V2	K06V2	K07V2	K08H1
L04A2	L05A2	L06A2	L07A2	K08N2
L04B2	L05B2	L06B2	L07B2	K08T1
L04C2	L05C2	L06C2	L07C2	K08T2
L04D1	L05D1	L06D1	L07D1	K08U1
L04E1	L05E1	L06E1	L07E1	K08V1
L04F1	L05F1	L06F1	L07F1	L08A1
L04V2	L05V2	L06V2	L07V2	L08A2
				L08B1
				L08B2
				L08C1
				L08C2
				L08H1
				L08N1
				L08N2
				L08T1



REV	CHG	NO	REV

DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS				QUANTITY/VARIATION											
PARTS LIST															
MADE BY V. SOUZA		CHECKED <i>[Signature]</i>		SECTION											
DATE 2/28/75		DATE 3-24-75													
ENG Luis J. Capenito		PROD <i>[Signature]</i>		ISSUED SECT.											
DATE 3-24-75		DATE 3-24-75													
ITEM NO.	DWG NO. / PART NO.	DESCRIPTION													
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		ASSY NO.		SIZE	CODE	NUMBER		REV.		ECO NO.					
WIRED ASSY		E-AD-7009429-0-0		A	PL	7009429-0-0		F							
RH28/DTE28		SHEET 2 OF 3		DIST.											

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

MR

DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS				QUANTITY/VARIATION											
PARTS LIST															
MADE BY V. SOUZA		CHECKED <i>[Signature]</i>		SECTION											
DATE 3-28-75		DATE 3-29-75													
ENG Luis J. Capenito		PROD <i>[Signature]</i>		ISSUED SECT.											
DATE 3/31/75		DATE 3-31-75													
ITEM NO.	DWG NO. / PART NO.	DESCRIPTION													
45	9107360-00	WIRE 18 AWG STRANDED (BLK)		A/R											
46	9007970	TERMINAL QUICK CONNECT		8											
47	D-IA-7010211-2-0	CONN ASSY MASSBUS		1											
48	D-WT-KLI0-0-AWT3	RH/DTE ASSY PROCEDURE		REF											
49	D-IA-5009936-0-0	GROUND PLANE PROTECTION SHEET		2											
50	9009647	TAPE TRANSPARENT .25W		A/R											
51	9009120-04	STANDOFF NO.6 X.500 LG. BRASS		9											
52	9006024-01	SCR. PHL. PAN HD. 6-32 X 1/2		9											
53	A-SP-3700218-00	PACKAGING INSTRUCTIONS		REF											
TITLE		ASSY NO.		SIZE	CODE	NUMBER		REV.		ECO NO.					
WIRED ASSY		E-AD-7009429-0-0		A	PL	7009429-0-0		F							
RH28/DTE28		SHEET 3 OF 3		DIST.											

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

MR

DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS				QUANTITY/VARIATION											
PARTS LIST															
MADE BY V. SOUZA		CHECKED <i>[Signature]</i>		SECTION											
DATE 2/28/75		DATE 3-24-75													
ENG Luis J. Capenito		PROD <i>[Signature]</i>		ISSUED SECT.											
DATE 3-24-75		DATE 3-24-75													
ITEM NO.	DWG NO. / PART NO.	DESCRIPTION													
1	E-AD-7010088-2-0	BACKPLANE ASSY DTE28		1											
2	E-AD-7009431-3-0	BACKPLANE ASSY RH28		1											
3	E-IA-7411997-0-0	CONN PANEL I/O		1											
4	D-IA-7010211-1-0	CONN ASSY MASSBUS		1											
5	9006634	WASHER LOCK INT TOOTH #3		20											
6	D-MD-7411998-0-0	BAR BACKPLANE TOP & BOT		2											
7	C-MD-7412121-0-0	BAR CONN PANEL		2											
8	9009070-00	SCR PHL FLAT HD #8-32 X .81		24											
9	9006071-1	SCR PHL PAN HD #10-32 X .375		4											
10	1210698	CARD GUIDE		24											
11	9006390-6	SCR SLOTTED FIL HD #4-40 X .38		32											
12	9006120-6	SCR FIL HD POZ1 DRIVE #8-32 X .62		6											
13	9006039-1	SCR PHL PAN HD #8-32 X .50		4											
14	1211425	CONN BLOCK 72 PIN		2											
15	1210258	CONN BLOCK 288 PIN (H863)		2											
16	9006037-1	SCR PHL PAN HD #8-32 X .38		16											
17	1209350-04	CONN SKT HSG 4 PIN		4											
18	A-DC-7413453-0-0	DECAL DTE/RH28 I/O		2											
19	K-WL-KLI0-0-PP	WIRE LIST		REF											
20	A-WT-7009429-0	AWT REVISION STATUS SHEET		REF											
21	D-IA-5009956	GROUND PLANE PROTECTION SHEET		3											
22	D-IA-5009785-03	GROUND PLANE		1											
TITLE		ASSY NO.		SIZE	CODE	NUMBER		REV.		ECO NO.					
WIRED ASSY		E-AD-7009429-0-0		A	PL	7009429-0-0		F		70002 MRO03					
RH28/DTE28		SHEET 1 OF 3		DIST.											

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

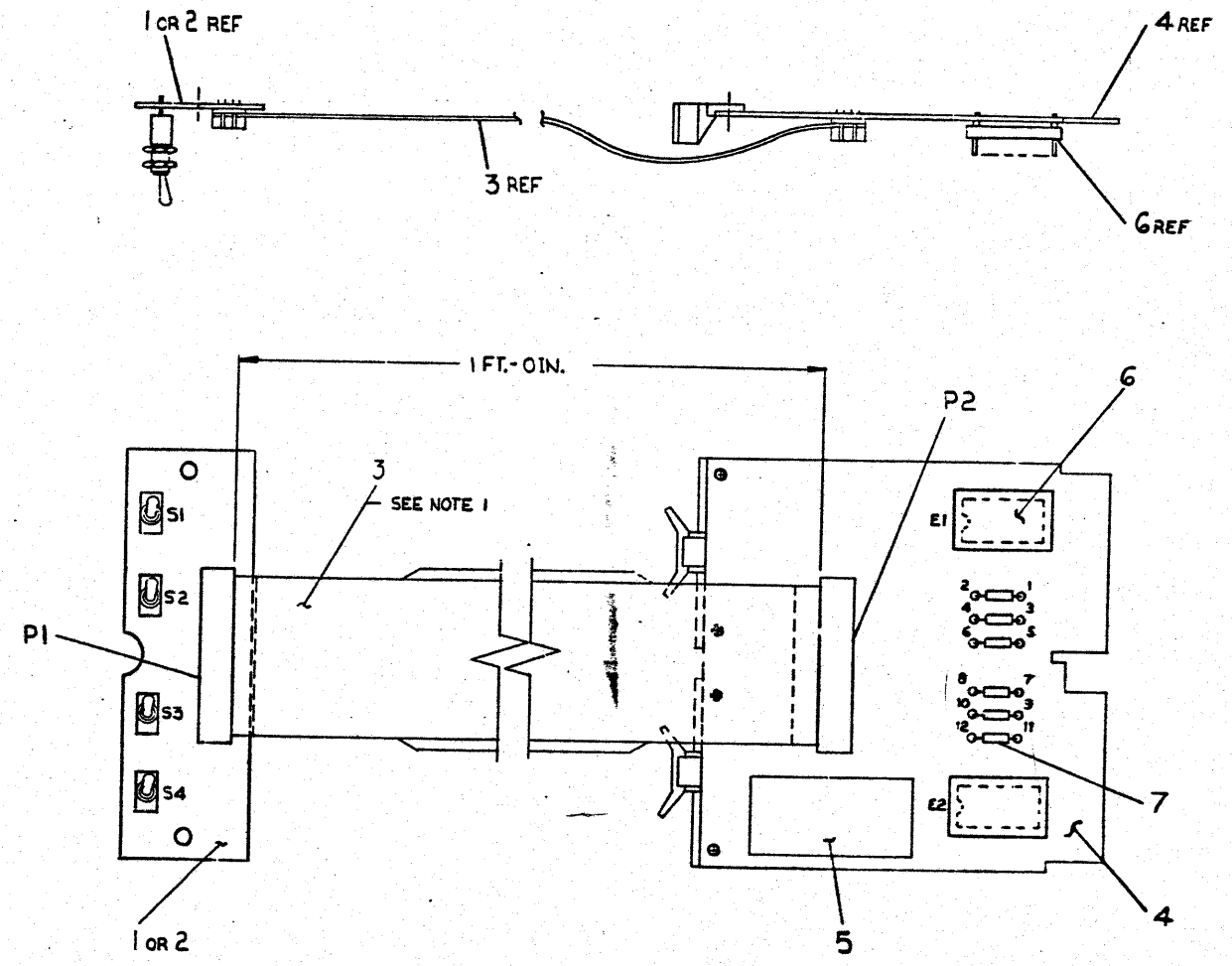
MR

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 © 1974, DIGITAL EQUIPMENT CORPORATION

DO NOT SCALE DRAWING

LEGEND	
NUMBER	VARIATION
7010103-1	1 SWITCH
7010103-2	4 SWITCH

- NOTES:
- CONNECTORS P1 AND P2 TO BE WIRED POINT TO POINT (P1 TO P2)
 - 7010103-1 USES ONLY 1 SWITCH (S2) AND 7010103-2 USES ALL 4 SWITCHES (S1 THRU S4)
 - TRIM AND PREPARE CABLE PER CABLE PROCESS SHEET A-SP-7606435-00
 - TO INSTALL CABLE USE COVER OF CONN. 1210073 (FROM SW. BOARD ASSY REF).
 - SOLDER JUMPERS ITEM 7 TO TERMINALS AS SHOWN.
 - ITEM 6 IS NOT INSTALLED IN E2 WHEN BUILDING 7010103-1.



6	6	JUMPER, WHITE INS.	3009185-00	7
2	1	PLUG, PRIORITY	C-IA-5408780-0-0	6
1	1	LABEL, ADHESIVE BACK	9009255	5
1	1	JUMPER, INTERRUPT (DTE20)	D-UA-M8564-0-0	4
A/R	A/R	CABLE, RIBBON, 40 COND.	9107747-01	3
1	-	SWITCH BOARD	D-UA-5411360-0-3	2
-	1	SWITCH BOARD	D-UA-5411360-7A-3	

REV	CHANGE NO.	DATE	BY	CHK
1	7010103-00001	3-28-74	J. PROVIDENT	
2	7010103-00002	4-17-74	J. PROVIDENT	
3	7010103-00003	5-17-74	J. PROVIDENT	
4	7010103-00004	6-17-74	J. PROVIDENT	
5	7010103-00005	7-17-74	J. PROVIDENT	
6	7010103-00006	8-17-74	J. PROVIDENT	
7	7010103-00007	9-17-74	J. PROVIDENT	
8	7010103-00008	10-17-74	J. PROVIDENT	

QUANTITY VARIATION		QTY.		DESCRIPTION		PART NO.		ITEM NO.	
FIRST USED ON OPTION/MODEL		KL10							
DIMENSIONAL TOLERANCE		DRN.		DATE		TITLE			
DIMENSIONS ARE INCHES		CHKD.		DATE		digital			
UNLESS OTHERWISE SPECIFIED		ENG.		DATE		SWITCH ASSY.			
THIRD ANGLE PROJECTION		PROJ. ENG.		DATE					
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY		PROB.		DATE					
MATERIAL SEE PARTS LIST		NEXT HIGHER ASSY.							
FINISH		D-UA-KL10-0-0		SCALE		D AD		7010103-0-0	
		SHEET 1 OF 1				DIST.			

NOTES:

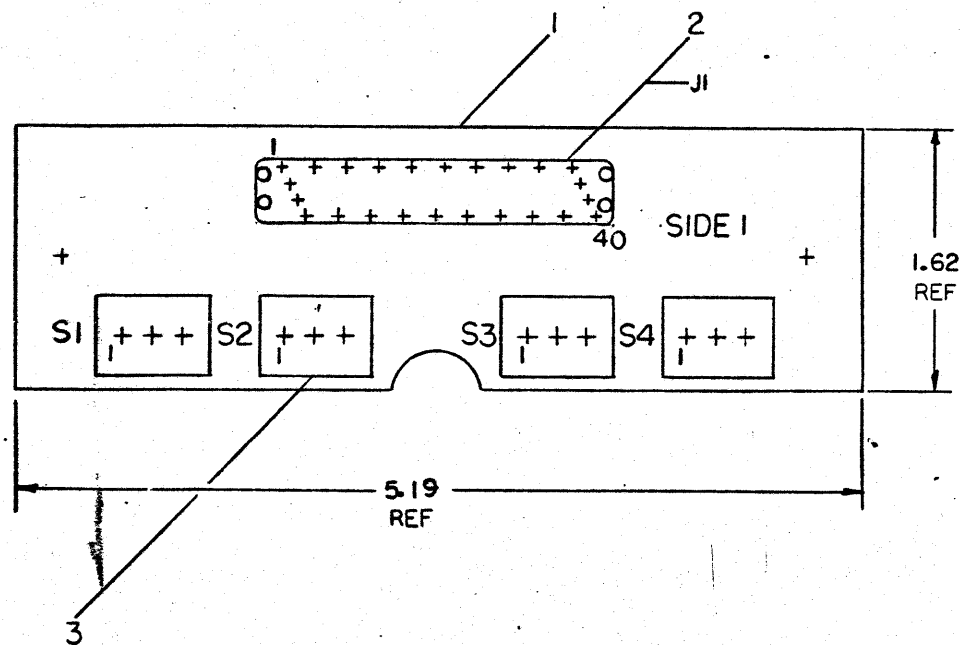
1. FOR DRAWING DIRECTORY REFER TO B-DD-5411360-0
2. FOR CIRCUIT SCHEMATIC SEE D-CS-M8564-0-INTJ
3. SAVE COVER OF 40 TERM. CONN. (210073) FOR USE AT NEXT HIGHER ASSY (70101G3)

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

QTY	REF DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST				
ETCH BOARD REV				
		DBN <i>Shidking</i>	DATE 12/14/74	
		CHK'D <i>Shidking</i>	DATE 12-31-74	
		ENG <i>Shidking</i>	DATE	
		PROJ. ENG. <i>Shidking</i>	DATE	
		PROD. <i>Shidking</i>	DATE 12/15/74	
NEXT HIGHER ASSY		TITLE		
B-D0-5411360-0		MASTER INTERRUPT SWITCH BD		
DEC NO.	EIA NO.	SIZE CODE	NUMBER	REV.
		DJA	5411360-0-0	
CONVERSION CHART		SHEET 1 OF 4		

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

DUA 5411360-0-0 2



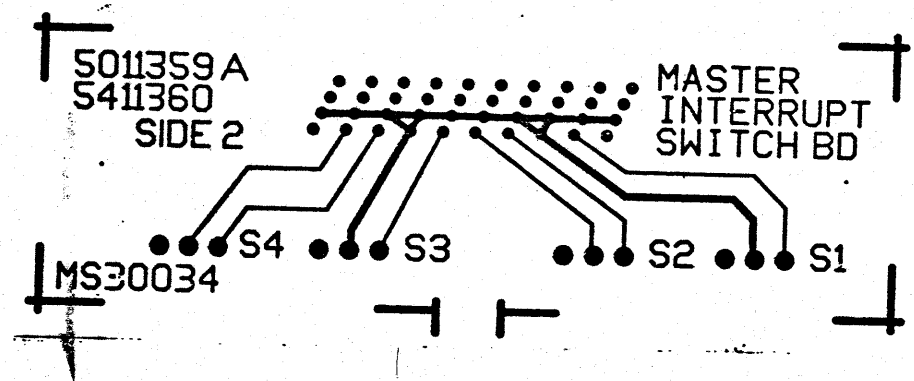
REVISIONS		
CHK	CHANGE NO	REV

(SIDE 1)

TITLE		SIZE	CODE	NUMBER		REV.
MASTER INTERRUPT SWITCH BD		D	UA	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 © 1974, DIGITAL EQUIPMENT CORPORATION.

0-0-0921175 DUA 5411360-0-0 2

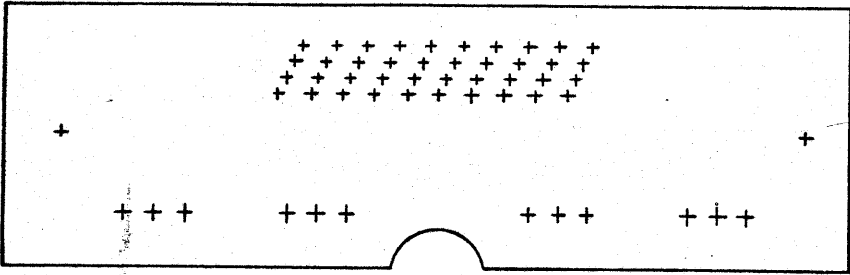


REVISIONS		
CHK	CHANGE NO	REV

(SIDE 2)

TITLE		SIZE CODE	NUMBER		REV.
MASTER INTERRUPT SWITCH BD		D UA	5411360-0-0		
SCALE		SHEET	3 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.

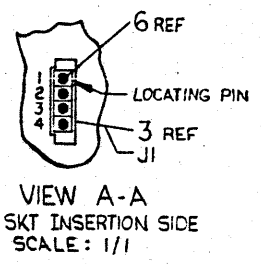
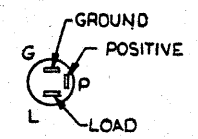
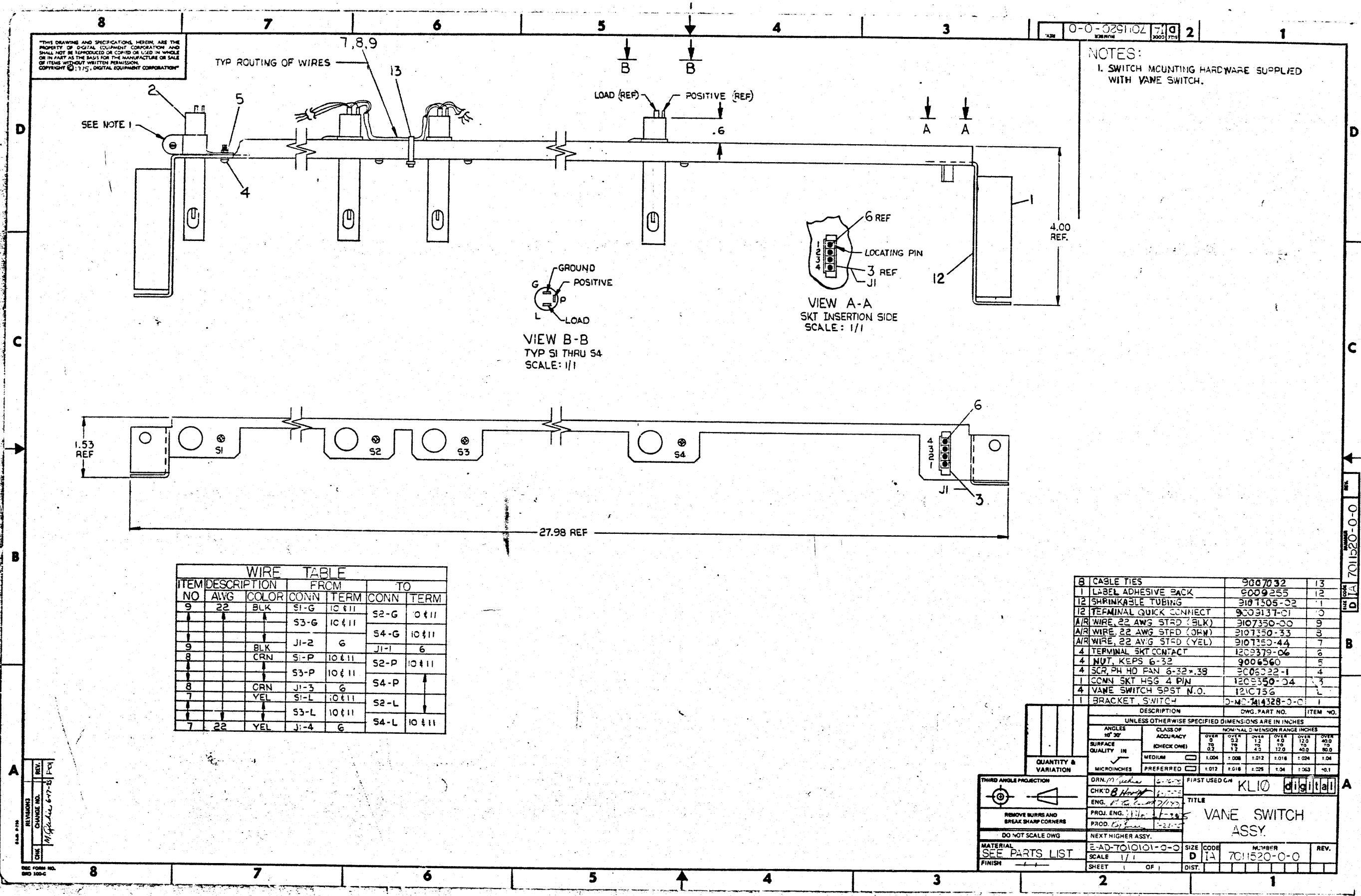


REVISIONS		
CHK	CHANGE NO	REV

(SIDE 2)

TITLE		SIZE	CODE	NUMBER		REV.
MASTER INTERRUPT SWITCH BD		D	UA	5411360-0-0		
SCALE		SHEET 4 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



WIRE TABLE						
ITEM NO	DESCRIPTION	FROM	TO	CONN	TERM	CONN
9	22	BLK	SI-G	10 & 11	S2-G	10 & 11
			S3-G	10 & 11	S4-G	10 & 11
9		BLK	J1-2	6	J1-1	6
8		CRN	S1-P	10 & 11	S2-P	10 & 11
			S3-P	10 & 11	S4-P	
8		CRN	J1-3	6		
7		YEL	S1-L	10 & 11	S2-L	
			S3-L	10 & 11	S4-L	10 & 11
7	22	YEL	J1-4	6		

8	CABLE TIES	9007032	13
1	LABEL ADHESIVE BACK	9009255	12
12	SHRINKABLE TUBING	9101505-02	1
12	TERMINAL QUICK CONNECT	9009131-01	0
A/R	WIRE, 22 AWG STED (BLK)	9107350-00	9
A/R	WIRE, 22 AWG STED (CRN)	9107350-33	8
A/R	WIRE, 22 AWG STED (YEL)	9107350-44	7
4	TERMINAL SKT CONTACT	1209379-06	6
4	NUT, KEPS 6-32	9006560	5
4	SCR PH HD PAN 6-32x.39	9003222-1	4
1	CONN SKT HSG 4 PIN	1209550-04	3
1	VANE SWITCH SPST N.O.	1210156	2
1	BRACKET, SWITCH	0-MD-141328-0-0	1

QUANTITY & VARIATION		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		MEDIUM		OVER 0 TO 0.25	
MICROINCHES		PREFERRED		0.004 0.008 0.012 0.016 0.024 0.04	
THIRD ANGLE PROJECTION		DRN. M. H. H.		FIRST USED ON	
REMOVE BURRS AND BREAK SHARP CORNERS		CHK'D B. H. H.		TITLE	
DO NOT SCALE DWG		ENG. B. H. H.		VANE SWITCH ASSY.	
MATERIAL SEE PARTS LIST		PROJ. ENG. B. H. H.		REV.	
FINISH		NEXT HIGHER ASSY.		E-AD-7010101-0-0	
				SCALE 1/1	
				SHEET 1 OF 1	
				DIST.	

REV. 1
CHANGE NO. 647-8
CHK. M. H. H.

701520-0-0

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.

WIRE TABLE

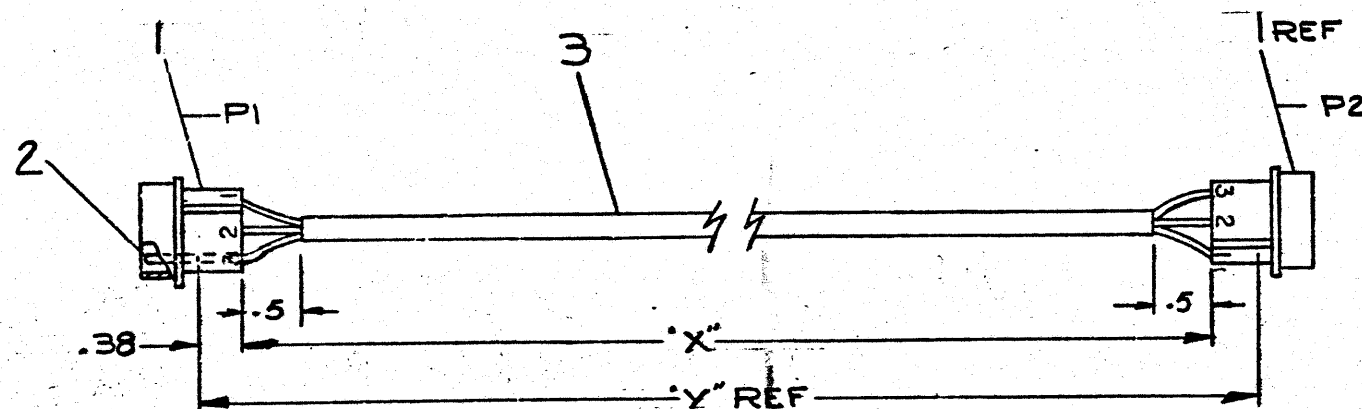
ITEM NO	DESCRIPTION		FROM		TO	
	AWG	COLOR	CONNECTION	WITH	CONNECTION	WITH
3	22	RED	P1-1	2	P2-1	2
3	22	BLK.	P1-2	2	P2-2	2
3	22	GRN	P1-3	2	P2-3	2

LEGEND

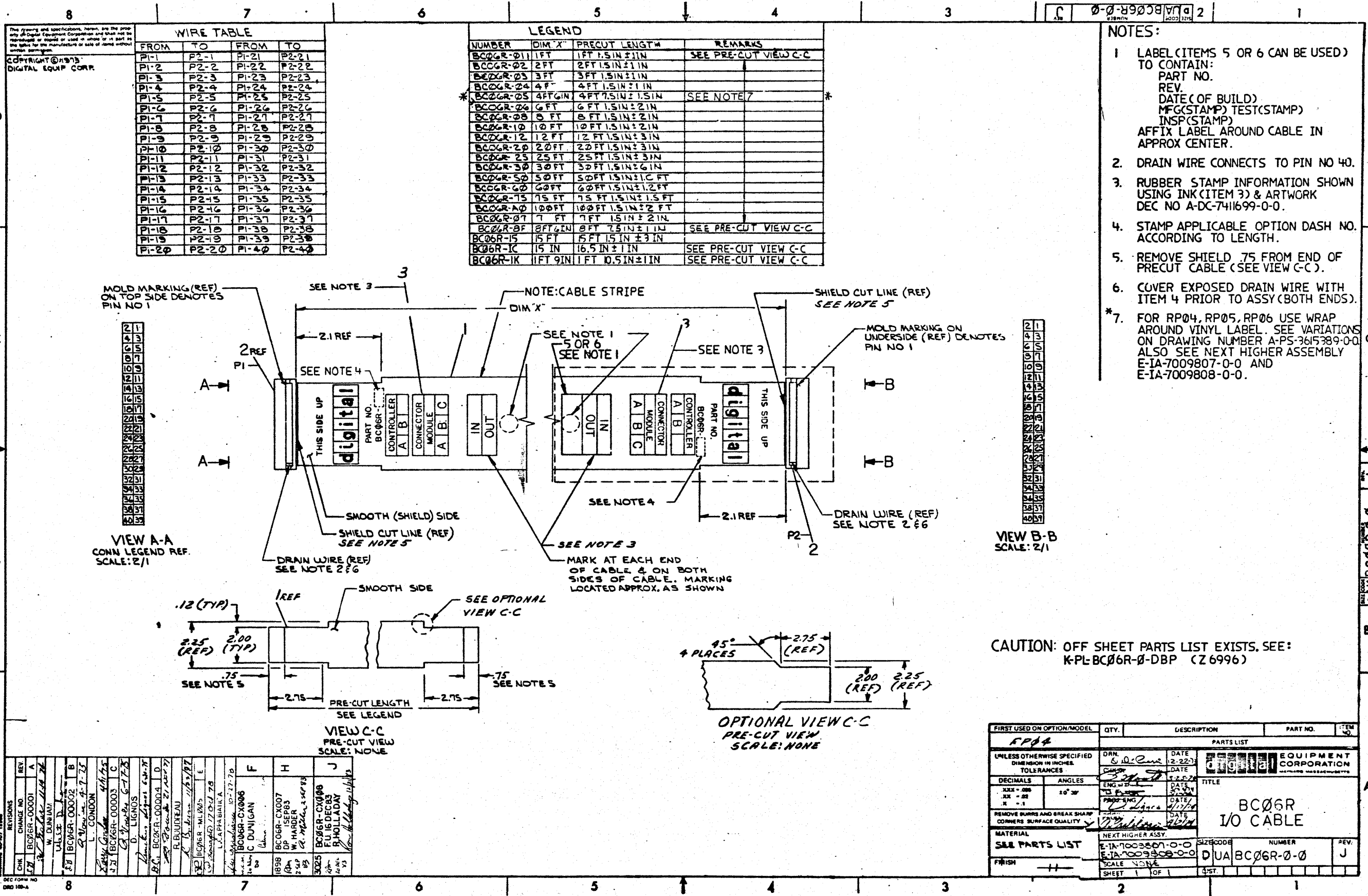
NUMBER	DIM'X VARIATION	DIM'Y (PRECUT) REF
7008288-3P	3FT. 6IN $\pm$ 1 IN.	3FT. 6.8 IN $\pm$ 1 IN.
7008288-8F	8FT. 6IN $\pm$ 2 IN.	8FT. 6.8 IN $\pm$ 2 IN.
7008288-06	6FT. $\pm$ 2 IN.	6FT. 0.8 IN $\pm$ 2 IN.
7008288-12	12FT. $\pm$ 3 IN.	12FT. 0.8 IN $\pm$ 3 IN.
7008288-05	5FT. $\pm$ 1 IN.	5FT. 0.8 IN $\pm$ 2 IN.
7008288-10	10FT. $\pm$ 2 IN.	10FT. 0.8 IN $\pm$ 3 IN.
7008288-15	15FT. $\pm$ 3 IN.	15FT. 0.8 IN $\pm$ 3 IN.
7008288-08	8FT. $\pm$ 2 IN.	8FT. 0.8 IN $\pm$ 2 IN.
7008288-30	30FT. $\pm$ 7 IN.	30FT. 0.8 IN $\pm$ 7 IN.
7008288-40	40FT. $\pm$ 10 IN.	40FT. 0.8 IN $\pm$ 10 IN.
7008288-25	25FT. $\pm$ 10 IN.	25FT. 0.8 IN $\pm$ 10 IN.

NOTES:

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



REVISIONS		
CHK	CHANGE NO.	REV.
8/6	7008288-00001	A
Mr. Turner 10-16-72		
R. BURTON		
8/8	7008288-00002	B
Mr. Turner 8-5-74		
D. LEWIS		
8/9	7008288-00003	C
Mr. Turner 3-27-75		
B. MINOR		
8/9	7008288-00004	D
Mr. Turner 6-10-75		
J. PROVIDENT		
8/9	7008288-00005	E
Mr. Turner 3-27-76		
F. DOLL		
8/9	7008288-00006	F
Mr. Turner 5-MAR-76		
G. JONES 22-MAR-76		
H. MCINTYRE		
8/9	7012401-00003	H
Mr. Turner 23-May-77		
I. MORRIS		
8/9	7008288-00007	J
Mr. Turner 5-2-80		
CASTELLANOS		
Mr. Turner 11-1-80		



Copyright © 1975
DIGITAL EQUIP CORP.

WIRE TABLE			
FROM	TO	FROM	TO
P1-1	P2-1	P1-21	P2-21
P1-2	P2-2	P1-22	P2-22
P1-3	P2-3	P1-23	P2-23
P1-4	P2-4	P1-24	P2-24
P1-5	P2-5	P1-25	P2-25
P1-6	P2-6	P1-26	P2-26
P1-7	P2-7	P1-27	P2-27
P1-8	P2-8	P1-28	P2-28
P1-9	P2-9	P1-29	P2-29
P1-10	P2-10	P1-30	P2-30
P1-11	P2-11	P1-31	P2-31
P1-12	P2-12	P1-32	P2-32
P1-13	P2-13	P1-33	P2-33
P1-14	P2-14	P1-34	P2-34
P1-15	P2-15	P1-35	P2-35
P1-16	P2-16	P1-36	P2-36
P1-17	P2-17	P1-37	P2-37
P1-18	P2-18	P1-38	P2-38
P1-19	P2-19	P1-39	P2-39
P1-20	P2-20	P1-40	P2-40

LEGEND			
NUMBER	DIM X"	PRECUT LENGTH	REMARKS
BC06R-01	1 FT	1 FT 1.5 IN ± 1 IN	SEE PRE-CUT VIEW C-C
BC06R-02	2 FT	2 FT 1.5 IN ± 1 IN	
BC06R-03	3 FT	3 FT 1.5 IN ± 1 IN	
BC06R-04	4 FT	4 FT 1.5 IN ± 1 IN	
*BC06R-05	4 FT 6 IN	4 FT 7.5 IN ± 1.5 IN	SEE NOTE 7
*BC06R-06	6 FT	6 FT 1.5 IN ± 2 IN	
BC06R-08	8 FT	8 FT 1.5 IN ± 2 IN	
BC06R-10	10 FT	10 FT 1.5 IN ± 2 IN	
BC06R-12	12 FT	12 FT 1.5 IN ± 3 IN	
BC06R-20	20 FT	20 FT 1.5 IN ± 3 IN	
BC06R-25	25 FT	25 FT 1.5 IN ± 3 IN	
BC06R-30	30 FT	30 FT 1.5 IN ± 6 IN	
BC06R-50	50 FT	50 FT 1.5 IN ± 1 C FT	
BC06R-60	60 FT	60 FT 1.5 IN ± 1.2 FT	
BC06R-75	75 FT	75 FT 1.5 IN ± 1.5 FT	
BC06R-A0	100 FT	100 FT 1.5 IN ± 2 FT	
BC06R-07	7 FT	7 FT 1.5 IN ± 2 IN	
BC06R-0F	8 FT 6 IN	8 FT 7.5 IN ± 1 IN	SEE PRE-CUT VIEW C-C
BC06R-15	15 FT	15 FT 1.5 IN ± 3 IN	
BC06R-1C	15 IN	16.5 IN ± 1 IN	SEE PRE-CUT VIEW C-C
BC06R-1K	1 FT 9 IN	1 FT 10.5 IN ± 1 IN	SEE PRE-CUT VIEW C-C

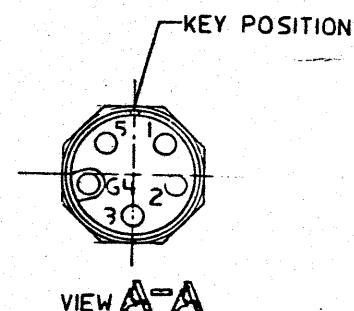
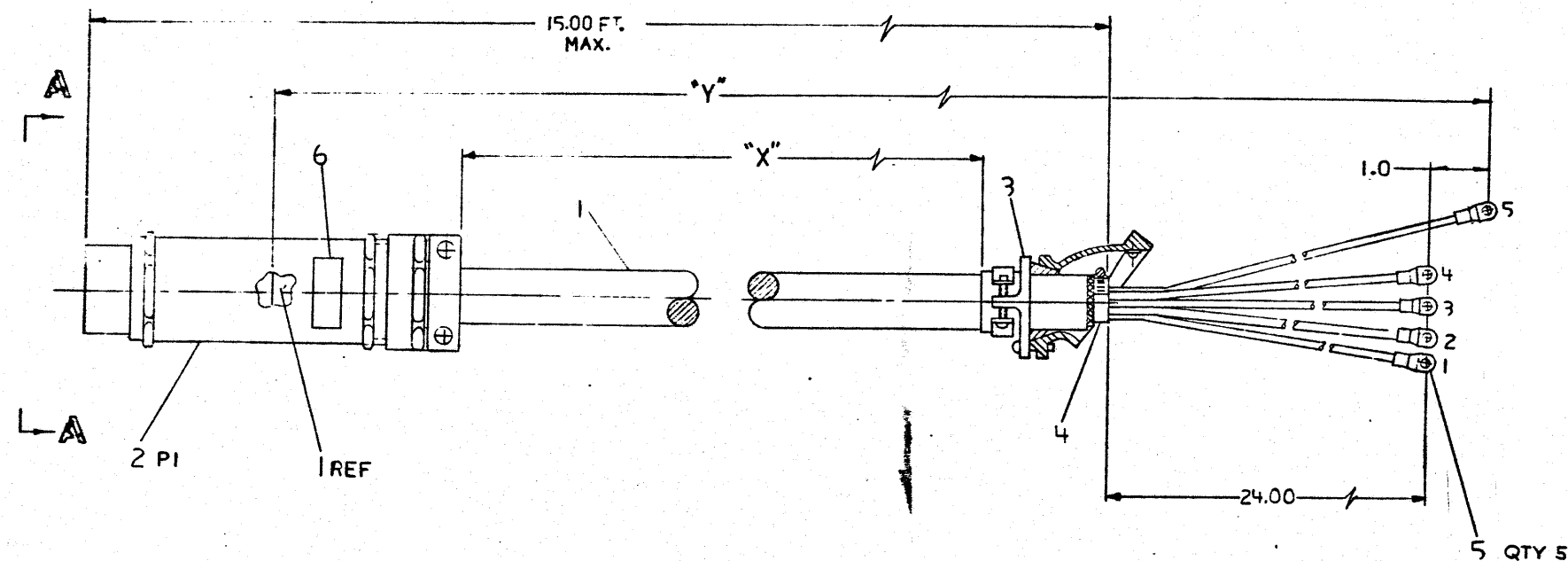
- NOTES:
- LABEL (ITEMS 5 OR 6 CAN BE USED) TO CONTAIN:
PART NO.
REV.
DATE (OF BUILD)
MFG (STAMP) TEST (STAMP)
INSP (STAMP)
AFFIX LABEL AROUND CABLE IN APPROX CENTER.
 - DRAIN WIRE CONNECTS TO PIN NO 40.
 - RUBBER STAMP INFORMATION SHOWN USING INK (ITEM 3) & ARTWORK
DEC NO A-DC-7411699-0-0.
 - STAMP APPLICABLE OPTION DASH NO. ACCORDING TO LENGTH.
 - REMOVE SHIELD .75 FROM END OF PRECUT CABLE (SEE VIEW C-C).
 - COVER EXPOSED DRAIN WIRE WITH ITEM 4 PRIOR TO ASSY (BOTH ENDS).
 - FOR RP04, RP05, RP06 USE WRAP AROUND VINYL LABEL. SEE VARIATIONS ON DRAWING NUMBER A-PS-3615389-0-0. ALSO SEE NEXT HIGHER ASSEMBLY E-IA-7009807-0-0 AND E-IA-7009808-0-0.

CAUTION: OFF SHEET PARTS LIST EXISTS. SEE:
K-PL-BC06R-0-DBP (Z 6996)

FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
FP04			PARTS LIST		
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES		DRN. DATE 2-22-75	DIGITAL EQUIPMENT CORPORATION WATFORD, MASSACHUSETTS		
DECIMALS	ANGLES	ENG. W. D. DATE 3-25-75	TITLE		
.XXX ± .005 .XX ± .01 .X ± .1	± 0° 30'	DATE 4-1-76	BC06R I/O CABLE		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY		DATE 4-2-76			
MATERIAL		NEXT HIGHER ASSY.			
SEE PARTS LIST		E-IA-7003607-0-0 E-IA-7009808-0-0	SIZE CODE DUA	NUMBER BC06R-0-0	REV. J
FINISH		SCALE NONE			
— 11 —		SHEET 1 OF 1	CST.		

WIRE TABLE								
ITEM DESCRIPTION			FROM			TO		
NO.	AWG	COLOR	POINT	CONNECTION	WITH	POINT	CONNECTION	WITH
1	4	BRN		P1-1		1	_____	5
↑	↑	BLK		1-2		2	_____	5
		ELK/WHI		1-3		3	_____	5
↓	↓	BLU		1-5		4	_____	5
1	4	GRN/YEL		P1-G4		5	_____	5

LEGEND			
PART. NO.	DIM "X" VAR	DIM "Y" (PRECUT) REF	RE
7020715-01	13FT. 0IN ± 30IN	16FT. 11IN	A



CAUTION: OFF SHEET PARTS LISTS EXISTS
SEE K-PL-7020715-0-DBP

DESCRIPTION		DRAWING NO.		PART NO.		111																																					
						NO.																																					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND THE FOLLOWING TOLERANCES APPLY (PER DEC STD 114)																																											
INCHES TOLERANCES X = ± .1 XX = ± .02 XXX = ± .008	ANGLES ± 0° 30' SURFACE QUALITY ✓ MICRONICHES	APPLICABLE DIMENSION RANGE (CHECK ONE) ☐ 0 TO 1.0 ☐ 1.0 TO 2.0 ☐ 2.0 TO 4.0 ☐ 4.0 TO 16.0	DIMENSION RANGE IN INCHES <table border="1"> <thead> <tr> <th>OVER</th> <th>OVER</th> <th>OVER</th> <th>OVER</th> <th>OVER</th> <th>OVER</th> </tr> </thead> <tbody> <tr> <td>0.2</td> <td>0.2</td> <td>1.2</td> <td>2.0</td> <td>4.0</td> <td>16.0</td> </tr> <tr> <td>TO</td> <td>TO</td> <td>TO</td> <td>TO</td> <td>TO</td> <td>TO</td> </tr> <tr> <td>0.2</td> <td>0.2</td> <td>1.2</td> <td>2.0</td> <td>4.0</td> <td>16.0</td> </tr> <tr> <td>± .02</td> <td>± .02</td> <td>± .05</td> <td>± .10</td> <td>± .10</td> <td>± .10</td> </tr> <tr> <td>± .004</td> <td>± .008</td> <td>± .012</td> <td>± .016</td> <td>± .025</td> <td>± .040</td> </tr> </tbody> </table>					OVER	OVER	OVER	OVER	OVER	OVER	0.2	0.2	1.2	2.0	4.0	16.0	TO	TO	TO	TO	TO	TO	0.2	0.2	1.2	2.0	4.0	16.0	± .02	± .02	± .05	± .10	± .10	± .10	± .004	± .008	± .012	± .016	± .025	± .040
			OVER	OVER	OVER	OVER	OVER	OVER																																			
			0.2	0.2	1.2	2.0	4.0	16.0																																			
TO	TO	TO	TO	TO	TO																																						
0.2	0.2	1.2	2.0	4.0	16.0																																						
± .02	± .02	± .05	± .10	± .10	± .10																																						
± .004	± .008	± .012	± .016	± .025	± .040																																						
QUANTITY & VARIATION																																											
THIRD ANGLE PROJECTION 		OWN B. C. 9200	DATE 5 FEB 83	TITLE digital																																							
DO NOT SCALE DRAWING		CHG UFAUSTICH	DATE 5-23-83	CABLE PRIMARY PWR																																							
REMOVE BURRS AND BREAK SHARP CORNERS		DESIGN Top	DATE 5-29-83	(60HZ KLIOR)																																							
MATERIAL		RESP ENGR Top	DATE 5-29-83	DOCUMENT NUMBER																																							
SEE PARTS LIST		INFO ENG Top	DATE 7-5-83	MAN. CLARK DI A 7020715-0-0		REV. A																																					
FINISH 11		6-AD-7020715-0-0		SCALE NONE		SHEET 1 OF 1																																					

DIGITAL EQUIPMENT CORPORATION PARTS LIST				QUANTITY / VARIATION												NOTES:					
MADE BY J. HUSON DATE 26 OCT 83		CHECKED J. HUSON DATE 26 OCT 83		SECTION A		KL10-RA	KL10-RC	KL10-RE													
ENG R. SCOTT DATE 26 OCT 83		PROD DATE		ISSUED SECTION A																	
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION																	REF DESIGNATION	
1		MP01708	KL10R PRINT SET	1	1	1															
2		MP00301	KL10-PV PRINT SET	1	1	1															
3		MP-N1140-00	11/40 PRINT SET	1	1	1															
4		MP-0RH11-00	RH11 PRINT SET	1	1	1															
5		MP-0DD11-B0	DD11-B PRINT SET	1	1	1															
6		MP01710	DC20F PRINT SET	1	1	0															
7		MP00622	MF20 PRINT SET	1	1	0															
8		MP00629	RX02 PRINT SET	1	1	1															
9		MP0RX11	RX11 PRINT SET	1	1	1															
10		MP00056	RH20 PRINT SET	1	1	1															
11		MP-BM873-00	BM873-YJ PRINT SET	1	1	1															
12		3012558-1	MICROFICHE READER	1	1	1															
13		3612408-00	FLOPPY DISK	2	2	2															
14	MD-10-DJYAA-*-YB		2040 FRONT END CPU CUSP #1	1	1	1															
15	MD-10-DJYAB-*-YB		2020 FRONT END CPU CUSP #2	1	1	1															
16	MD-10-DJYAC-*-YB		2040 FRONT END DISK CON.CUSP #1	1	1	1															
17	MD-10-DJYAD-*-YB		2040 FRONT END DISK CON.CJSP #2	1	1	1															
18	MD-10-DJYBA-*-YB		2040 FRONT END DEC X/11 EXERC.CUSP	1	1	1															
19	MD-10-DGYAA-*-YB		2040 CONSOLE MONITOR CUSP	1	1	1															
20	MD-10-DGYBA-*-YB		KL10 SYSTEM CUSP DISKETTE #1	1	1	1															
E.C.O. NO.																					
THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © DIGITAL EQUIPMENT CORPORATION				TITLE SHIP LIST KL10-R				ASSY NO.				SIZE B		CODE PL		NUMBER KL10-R-SH		REV. A			
								SHEET 1 OF 2				INSERTION PARTS LIST DATA BASE REV									

DIGITAL EQUIPMENT CORPORATION PARTS LIST				QUANTITY / VARIATION												NOTES:			
MADE BY J. HUSON DATE 26 OCT 83		CHECKED J. HUSON DATE 26 OCT 83		SECTION A		KL1Ø-RA	KL1Ø-RC	KL1Ø-RE											
ENG R. SCOTT DATE 26 OCT 83		PROD DATE		ISSUED SECTION A															
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION															REF DESIGNATION	
21	MD-1Ø-DGYBB-*-YB		KL1Ø SYSTEM CUSP DISKETTE #2	1	1	1													
22	MD-1Ø-DKYCA-*-YB		KL1Ø DTE2Ø & E-BOX CUSP DISKETTE	1	1	1													
23	MD-1Ø-DHYKF-*-YB		KL1Ø FUNCTIONAL DTE2Ø INTERFACE	1	1	1													
24		ZT1Ø1-RL	TOPS-2Ø KLAD PACK KIT	1	-	-													
25		ZH215-RL	TOPS-1Ø KLAD PACK KIT	-	1	1													
26	EK-ØKL1Ø-MP-ØØ1		KL1Ø BLOCK DIAGRAMS	1	1	1													
27		LA12Ø-DA	LA12Ø-BA WITH H715Ø POWER SUPPLY	1	1	1													
28		3700738-01	PACKAGING INSTRUCTION	3	3	3													
29		MP-ODB11-AØ	CUSTOMER PRINT SET DB11-A	1	1	1													

E.C.O. NO.

"THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1983 DIGITAL EQUIPMENT CORPORATION"

DRB 125

TITLE

SHIP LIST KL1Ø-R

ASSY NO.

SHEET 2 OF 2

SIZE

B

CODE

PL

NUMBER

KL1Ø-R-SH

REV.

A

INSERTION PARTS LIST DATA BASE REV

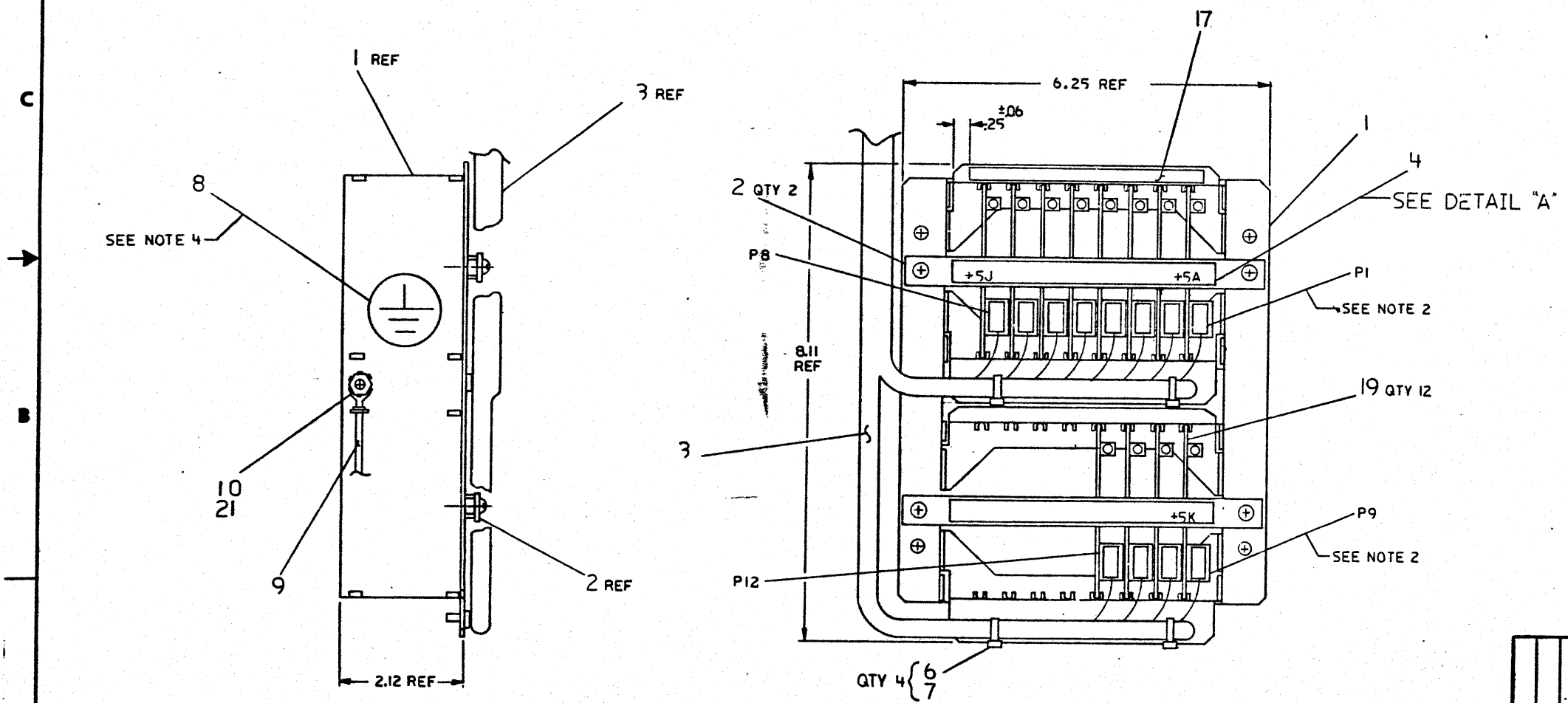
THIS DRAWING AND SPECIFICATIONS HERETO ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION.
COPYRIGHT © 1980, DIGITAL EQUIPMENT CORPORATION

LEGEND	
PART NO.	VARIATION
7018288-00	USES 5414506-00 (NOT USED)
7018288-01	USES 5414506-01

+5J	+5A	1
	+5K	2
+20C	+5A	3
+20K	-5D	4

- NOTES:
1. PEEL OFF STRIPS 1 & 2 OF ITEM 4 AND LOCATE AS SHOWN ON FRONT PLATE (ITEM 2).
 2. INSTALL HARNESS CONNECTORS P1 THRU P8 AS SHOWN, TO TOP ROW OF VOLTAGE MONITOR BOARD (ITEM 19). INSTALL HARNESS CONNECTORS P9 THRU P12 AS SHOWN, TO BOTTOM ROW OF VOLTAGE MONITOR BOARD.
 3. ITEM 18, 12, 13, 14, 15, 8, 20 (QTY 1) ARE SHIPPED LOOSE PIECE AND USED FOR INSTALLATION. FOR INSTALLATION PROCEDURE SEE ITEM 16 (A-SP-7018288-0-1). SEE ITEM 11 FOR PACKAGING KIT.
 4. GROUND DECAL (ITEM 8) IS USED BOTH AT ASSEMBLY AND AT INSTALLATION. ONE IS TO BE SHIPPED PER NOTE 3.
 5. FOR USE OF ITEM 20, TAB TERMINATOR, SEE INSTALLATION PROCEDURE.

DETAIL "A"
SCALE: 1/1



CAUTION: OFF SHEET PARTS LIST EXIST
SEE K-PL-7018288-0-DBP

REV.	DATE	BY	CHKD.	DESCRIPTION
1	10/1/80	ALD	ALD	INITIAL Dwg
2	11/1/80	BRUCE	BRUCE	REVISED

THIRD ANGLE PROJECTION		DESCRIPTION		DWG./PART NO.	ITEM NO.
REMOVE BURRS AND BREAK SHARP CORNERS		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		KL10-E	
DO NOT SCALE DWG		CLASS OF ACCURACY		TITLE	
MATERIAL SEE PARTS LIST		CHECK ONE		ASSY, DC VOLTAGE MONITOR I/O #1	
FINISH NONE		PREFERRED		SIZE CODE	
		NEXT HIGHER ASSY.		NUMBER	
		D-1A-KL10-E-0		REV. B	
		SCALE FULL		D AD 7018288-0-0	
		SHEET 1 OF 1		DIST.	

LINE ITEM		DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION	
					00	01
1	1	D-IA-7018180-0-0	7018180-00	WELDMENT,CARD CAGE	1	1
2	2	C-IA-7424854-0-0	7424854-00	PLATE,FRONT	2	2
3	3	J-IA-7018286-0-0	7018286-00	HARNESS I/O SHORT	1	1
4	4		3617588-00	LABEL,DCV MONITOR	1	1
5	5		5414506-00	VOLTAGE MONITOR BOARD	12	-
6	6		9007867-00	MOUNT, PUSH,CABLE TIE	4	4
7	7		9007031-00	TIE,CABLE BUNDL.DIA 0- 3/4"=101	4	4
8	8		3613272-00	LABEL,ADH BACK,MYLAR CAP	2	2
9	9		1213756-12	GROUND STRAP	1	1
10	10		9006563-00	NUT,KEP 8-32X 11/13AF	1	1
11	11		3700599-00	PKG KIT DC VOLTAGE MONITOR	1	1
12	12		9007786-00	RETAINER, U-NUT, 10-32	2	2
13	13		9006073-03	SCREW,TRUS,PHIL, 10-32X 1/2	3	3
14	14		9007651-00	WASHER, LOCK, EXTERNAL TOOTH #10	4	4
15	15		9006565-00	NUT,KEP 10-32X 3/8 AF	1	1
16	16	A-SP-7018288-0-1	7018288-00	MONITOR DC VOLT I/O NO. 1 ASSY.	REF	REF
17	17		3617997-01	LABEL,DIB20 OPTION VOLTAGES	1	1
18	18		9007032-00	TIE,CABLE BUNDL.DIA 0-1-3/4"=101	25	25
19	19		5414506-01	VOLTAGE, MONITOR BOARD	-	12
20	20		9009110-00	TERM,TAB .365TAB 2POS	-	4
21	21		9008151-00	WASHER, LOCK, EXT. TOOTH #8	1	1

REVISION HISTORY			BASIC PART NO: 7018288		DRM: JIM SICARD		DATE: 30-JUN-80		DIGITAL	
ENGI	ECO NUMBER	REV	SECTION A OF A	CHK'D: J. HUSON	DATE: 17-JUL-80	FILE PARTS LIST				
---	INITIAL	A	SECTION. VARIATION INDEX	DES.ENG.: P. PORRECA	DATE: 17-JUL-80	ASSY,DC VOLTAGE MONITOR I/O #1				
BW	KL10-E-MR017	B	CAJ 00,01	RESP.ENG.: P. PORRECA	DATE: 17-JUL-80	DOCUMENT NUMBER				
			[B]	MPG.ENG.: M. CAPPELLO	DATE: 12-SEP-80	K	PL	7018288-0-DBP	3	
			[C]	ASSEMBLY NUMBER:	TOP DOCUMENT NUMBER:	FILE NAME:		EDIT #		
			[D]	ID-AD-7018288-0-0	ID-UA-KL10-E-0	Z1166B.PLS		3		
			[E]	"THIS DRAWING AND SPECIFICATIONS HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT (C) 1982. DIGITAL EQUIPMENT CORPORATION"						
			[F]							

MR

THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION.
COPYRIGHT © 1971 DIGITAL EQUIPMENT CORPORATION

COMPONENT SIDE VIEW

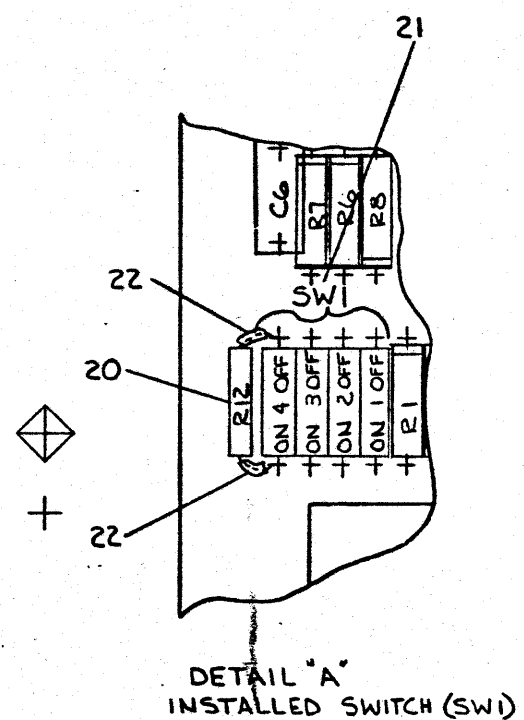
REWORK INSTRUCTIONS
INITIAL RELEASE
COMPONENT ADDS SIDE 1 AS SHOWN
O-1 SWI (P/N 1211164-00, SW DIP 1A 4POS)

- A. CLIP OFF BOTH LEADS OF SWI-4
FLUSH WITH SWITCH BODY
- B. INSERT SWITCH INTO 6 PIN'S AT
AT THE TOP R1.

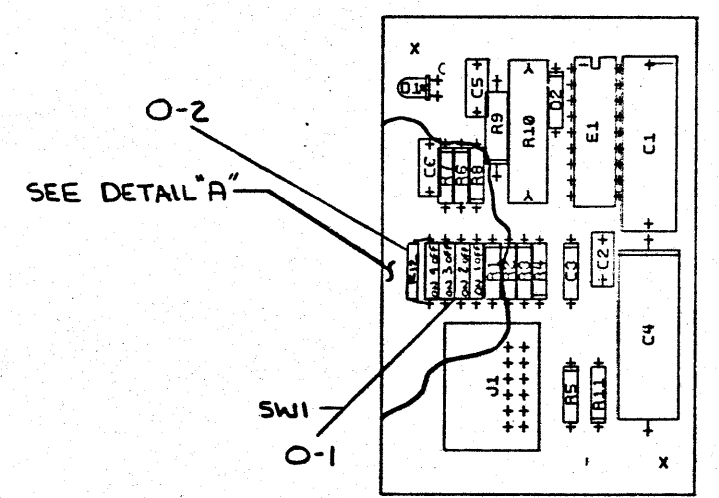
O-2 R12 (P/N 1300447, 4.70K .25W 5.0%)

- A. ADD TEFLON THIN WALL TUBING
(P/N 9107807-11 TO BOTH LEADS.
- B. INSERT R12 INTO 2 PTH'S BENEATH
SWI-4

NOTE: DIRECTIONS ARE GIVEN WITH
RESPECT TO MODULE BEING
POSITIONED WITH CONNECTOR
J1 TOWARD USER.
INDICATE MODULE REVISION AS "A"



SWITCH SWI			
SWITCH POSITION	±20	±15	±5
1	OFF	OFF	ON
2	OFF	DN	OFF
3	ON	OFF	OFF
4	NOT USED		



NOTES: 2ML74

STEP 1	→ Y AXIS	25	STEP 3	TIMES
REPEAT	→ X AXIS	25	STEP 4	TIMES

CHK	CHANGE	NO	REV

ETCH	REV.

SIGNATURES		DATE	digital	
DRN. <i>M. M. M.</i>		10/2/71		
CHK'D. <i>R. W. C.</i>		10/2/71		
MECH. ENG. <i>R. C. J.</i>		10/2/71		
PROJ. ENG. <i>A. J. J.</i>		10/2/71		
PROD. <i>B. J.</i>		10/2/71		
SCALE 2:1			SIZE CODE	NUMBER
SHT. 1 OF 1			D UA	541506-1-0
NEXT HIGHER ASSY. 800511150				REV

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION 01	REFERENCE DESIGNATOR
1	1	D-MD-5014505-0-0	5014505-00	DRILL AND ETCH BRD.	1	
2	2		1000075-00	25 MFD 25V +75-10% AL EL	1	C1
3	3		1000004-00	.02 MFD 100V 20% Z5U DISC	1	C2
4	4		1001610-00	.01 MFD 50V +80-20% Z5U CER	1	C3
5	5		1000080-00	50 MFD 50V +75-10% AL EL	1	C4
6	6		1010274-01	.22 MFD 50V +80-20% Z5U CER	2	C5,C6
7	7		1117373-00	LED ASSY GREEN	1	D1
8	8		1105796-00	1N 4004 PIV=400 I= 1A D041 SP	1	D2
9	9		1217652-00	HEADER 12PIN RT ANGLE,DBL RO	1	J1
10	10		1317925-00	6.98 K .25 W .10% RN55E-B 2	1	R1
11	11		1317924-00	36.50 K .25 W .10% RN55E-B 2	1	R2
12	12		1317923-00	51.10 K .25 W .10% RN55E-B 2	1	R3
13	13		1317922-00	732.0 .25 W .10% RN55E-B 2	1	R4
14	14		1305355-00	7.0 K .25 W .10% RN55C-B 5	1	R5
15	15		1300365-00	1.0 K .25 W 5.0 % CC	2	R6,R7
16	16		1300250-00	150.0 .25 W 5.0 % CC	1	R8
17	17		1300347-00	680.0 .50 W 5.0 % CC	1	R9
18	18		1300368-00	1.0 K 1.0 W 5.0 % CC	1	R10
19	19	SEE NOTE #1	1917657-00	3544J LOW-VOLT SUPERVISORY	1	E1
20	20		1300447-00	4.70 K .25 W 5.0 % CC	2	R11,R12
21	21		1211164-00	SW,DIP 1P 1A 4POS	1	SW1
22	22		9107807-11	TUBING,THIN WALL,.022ID UL A/R		

23 NOTE: 1.THIS PART CAN BE MARKED SG2544J/DEC3544J.

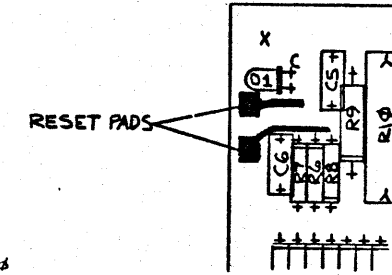
REVISION HISTORY		BASIC PART NO: 5414506		DRN: M. NORMAND	DATE: 22-SEP-81	D I G I T A L			
ENG:	ECO NUMBER	REV	SECTION A OF A	CHK'D: R. W. CAUNTER	DATE: 1-OCT-81	TITLE		PARTS LIST	
---	INITIAL	A	SECTION VARIATION INDEX	(A) 01		5414506-01		VOLTAGE MONITOR BOARD	
			(B)	DES. ENG: R. JOSEPHSON	DATE: 1-OCT-81				
			(C)	RESP. ENG: R. JOSEPHSON	DATE: 1-OCT-81	DOCUMENT NUMBER			
			(D)			SIZE	CODE	NUMBER	REV
			(E)	MFG. ENG: T. CAVANAUGH	DATE: 1-OCT-81	F	PL	5414506-1-DBP	A
			(F)	ASSEMBLY NUMBER:	TOP DOCUMENT NUMBER:	FILE NAME:		EDIT #	
			(G)	D-UA-5414506-1-0	R-DD-54145-5-1	Z3208A.PLS		4	
			(H)	THIS DRAWING AND SPECIFICATIONS HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION.					
			(I)	COPYRIGHT (C) 1981, DIGITAL EQUIPMENT CORPORATION					
			(J)						
			(K)						
			(L)						
			(M)						
			(N)						

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 © 1969, DIGITAL EQUIPMENT CORPORATION"

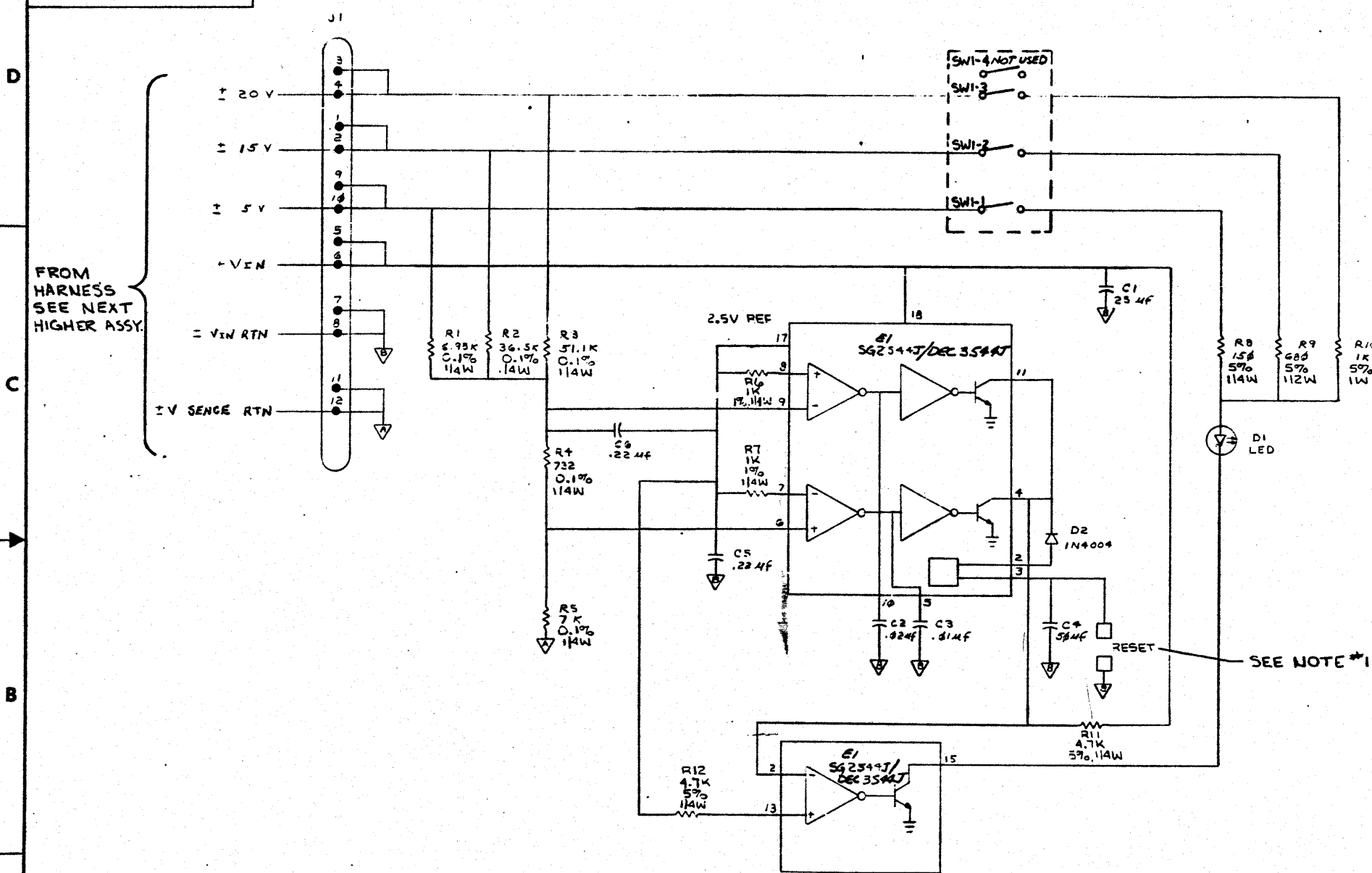
1-1 905414506-1 2

NOTES:
1. JUMPER PADS TOGETHER TO RESET INDICATOR. RESET IS ALSO PROVIDED BY REMOVAL OF ALL POWER TO THE MODULE. RESET JUMPER MUST BE LESS THAN 100 OHMS MAXIMUM.



SWITCH POSITION	±20V	±15V	±5V
1	OFF	OFF	ON
2	OFF	ON	OFF
3	ON	OFF	OFF
4	NOT USED		

SWITCH SW1
CAUTION: ONLY ONE SWITCH MUST BE ON FOR PROPER OPERATION OF THIS BOARD.



REV.	CHG.	DATE
1		

DRN M. Newman 12/28/69	FIRST USED ON	KL10	digital
CHK'D W. Cunniff 10/28/69	TITLE	VOLTAGE MONITOR BOARD	
ENG. X. J. 100.456	PROJ. ENG. 100.456	SCALE	NONE
PROD. 100.456	NEXT HIGHER ASSY.	SIZE CODE	D
B-ED-5414506-1	SCALE	NONE	
SHEET 1 OF 1	DIST.		

MR 1

[illegible]

ENGINEERING SPECIFICATION		CONTINUATION SHEET													
TITLE VOLTAGE MONITOR															
1.0 General 1.1 This is a specification for a voltage monitor printed circuit board. When the input voltage to the module is within its range and the correct switch is placed in the "on" position, a green LED is illuminated. When the voltage goes out of range either on an overvoltage or undervoltage condition, the green LED is extinguished and this fault is latched. 1.2 Reference Documents DEC STD 102 - Environmental Standard. D-UA-5414506-1-0 Voltage Monitor Board 2.0 Electrical Specifications 2.1 <u>Input Voltages</u> The following voltage input ranges are acceptable for monitoring: <table style="margin-left: 40px; margin-top: 10px;"> <tr><td>+5V</td><td>0- +7V DC</td></tr> <tr><td>+15V</td><td>0- +20V DC</td></tr> <tr><td>+20V</td><td>0- +25V DC</td></tr> <tr><td>-5V</td><td>0- -7V DC</td></tr> <tr><td>-15V</td><td>0- -20V DC</td></tr> <tr><td>-20V</td><td>0- -25V DC</td></tr> </table> 2.2 <u>Power Source</u> This module will operate from a power source of -4.5V to -40V DC, or +4.5V to +40V DC. 2.3 <u>Detection Band</u> This module will detect and extinguish the green LED display when the input voltage is out of the following bands:				+5V	0- +7V DC	+15V	0- +20V DC	+20V	0- +25V DC	-5V	0- -7V DC	-15V	0- -20V DC	-20V	0- -25V DC
+5V	0- +7V DC														
+15V	0- +20V DC														
+20V	0- +25V DC														
-5V	0- -7V DC														
-15V	0- -20V DC														
-20V	0- -25V DC														
		SIZE A	CODE SP												
		NUMBER 5414506-1-2													
		REV A													

DEC FORM NO EN-01032-16-0176-1011

ENGINEERING SPECIFICATION		REVISION	CONTINUATION SHEET		
TITLE VOLTAGE MONITOR					
	<u>Switch</u>	<u>Voltage</u>	<u>Error Band</u> (Fault when outside this range)		
	SW1-1	+/-5V	$\pm 5\%$ $\pm 1.5\%$ (3.5% to 6.5%)		
	SW1-2	+/-15V	$\pm 5\%$ $\pm 1.5\%$ (3.5% to 6.5%)		
	SW1-3	+/-20V	$\pm 5\%$ $\pm 1.5\%$ (3.5% to 6.5%)		
2.4 <u>Reset</u> Reset pads are provided on the printed circuit board for local reset. Jumper reset pads together to reset the indicator. Reset is also provided by removal of all power to the module. Reset jumper must be less than 100 ohms maximum.					
2.5 <u>Turn-On Time Delay</u> An undervoltage fault will be disabled for 100 $\pm$ 20ms after the power source voltage is turned on.					
2.6 <u>Fault Duration</u> The over and/or under voltage condition must exist for a duration of time before detection. Overvoltage Condition - 0.1_{ms} Undervoltage Condition - 0.2_{ms}					
2.7 <u>Operating Power</u> Current drain is 16 ma during normal operation. Current drain during a fault condition is 22 ma.					
2.8 <u>Operating Voltage</u> Module will operate as long as power source voltage is greater than 4.5V. Duration of true indication may be lengthened by connecting power source voltage to a voltage higher than being monitored. If the module is operated from the voltage it is monitoring, it will not indicate (at all) upon loss of the voltage.					
3.0 <u>Output</u>					
3.1 <u>Indicator</u> Normal operation of the voltage is indicated by an illuminated green LED. Abnormal voltage is indicated by the lack of illumination by the green LED.					
		SIZE A	CODE SP	NUMBER 5414506-1-2	REV A

DEC FORM NO EN-01022-16-N370(1981)
ORA 108

SHEET 3 OF 5

ENGINEERING SPECIFICATION		SECRET		CONTINUATION SHEET																									
TITLE VOLTAGE MONITOR																													
4.0 <u>Mechanical and Physical</u> 4.1 Size - Printed circuit board 2.0 x 3.0 in. Maximum height is 0.5 in. 4.2 Weight 4.3 Mounting - Any position 4.4 Cooling - Natural convection. Power may range from 100 mw to 650 mw depending upon power source voltage. 4.5 Temperature Range - Per DEC Std 102 for Class B environment 4.6 Altitude - 8000 ft - operate 4.7 Vibration - Per DEC Std 102 Class B 4.8 Mechanical Shock - Per DEC Std 102 5.0 <u>Reliability</u> MTBF goal is greater than 200,000 hours for ground benign environment per MIL - HDBK 217B based on parts count. 6.0 <u>Safety</u> Not applicable 7.0 <u>Input-Output Connector</u> J1 Part Number 12-17652-00 Mates with 12-14112-03 connector. Contacts in mating connector are 12-151121-00 <u>Signals</u> <table style="margin-left: 40px; border: none;"> <tr><td>J1-1</td><td>15V INPUT</td></tr> <tr><td>J1-2</td><td>15V INPUT</td></tr> <tr><td>J1-3</td><td>20V INPUT</td></tr> <tr><td>J1-2</td><td>20V INPUT</td></tr> <tr><td>J1-5</td><td>INPUT VOLTAGE</td></tr> <tr><td>J1-6</td><td>INPUT VOLTAGE</td></tr> <tr><td colspan="2"> </td></tr> <tr><td>J1-7</td><td>INPUT VOLTAGE RETURN</td></tr> <tr><td>J1-8</td><td>INPUT VOLTAGE RETURN</td></tr> <tr><td colspan="2"> </td></tr> <tr><td>J1-9</td><td>5V INPUT</td></tr> <tr><td>J1-10</td><td>5V INPUT</td></tr> </table>						J1-1	15V INPUT	J1-2	15V INPUT	J1-3	20V INPUT	J1-2	20V INPUT	J1-5	INPUT VOLTAGE	J1-6	INPUT VOLTAGE			J1-7	INPUT VOLTAGE RETURN	J1-8	INPUT VOLTAGE RETURN			J1-9	5V INPUT	J1-10	5V INPUT
J1-1	15V INPUT																												
J1-2	15V INPUT																												
J1-3	20V INPUT																												
J1-2	20V INPUT																												
J1-5	INPUT VOLTAGE																												
J1-6	INPUT VOLTAGE																												
J1-7	INPUT VOLTAGE RETURN																												
J1-8	INPUT VOLTAGE RETURN																												
J1-9	5V INPUT																												
J1-10	5V INPUT																												

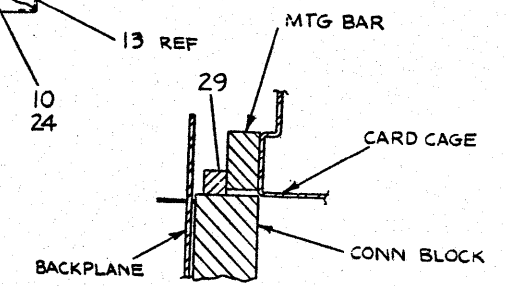
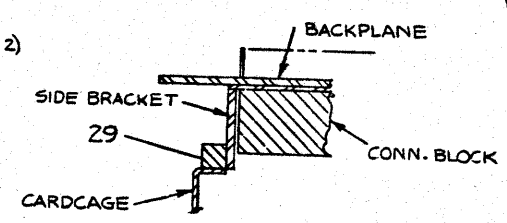
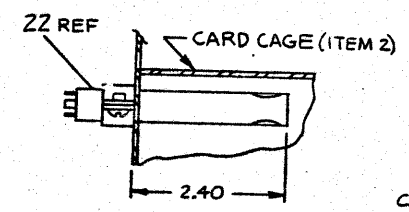
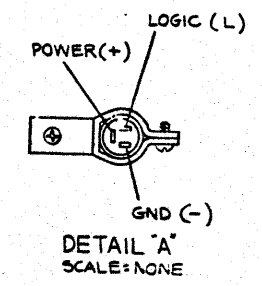
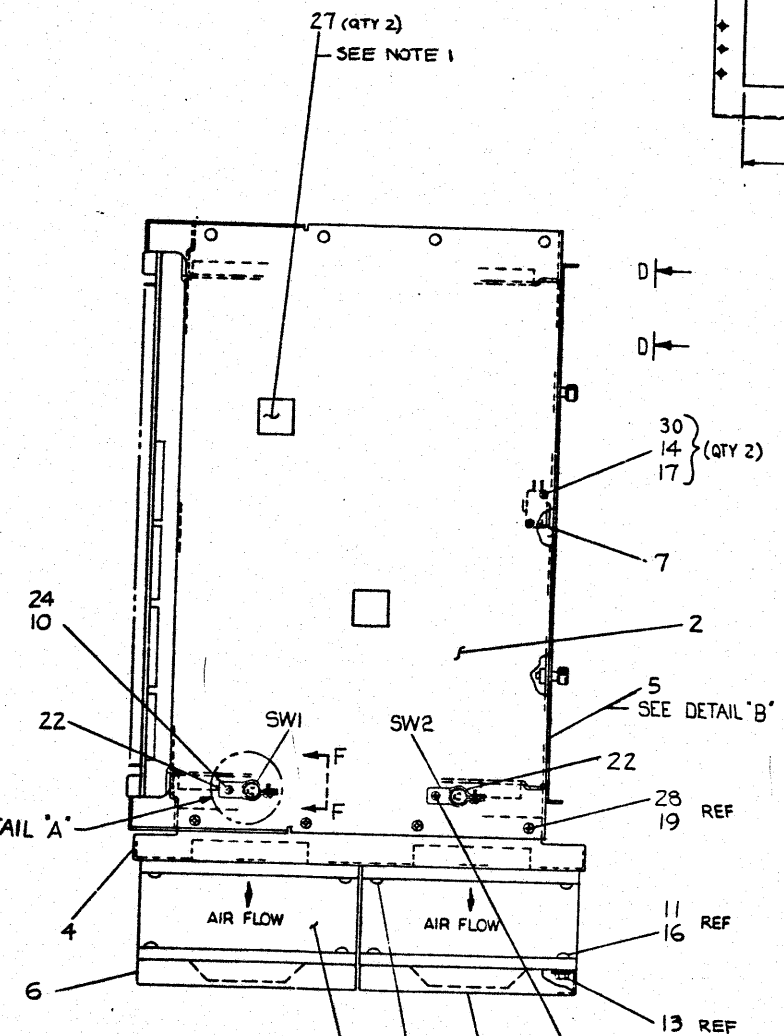
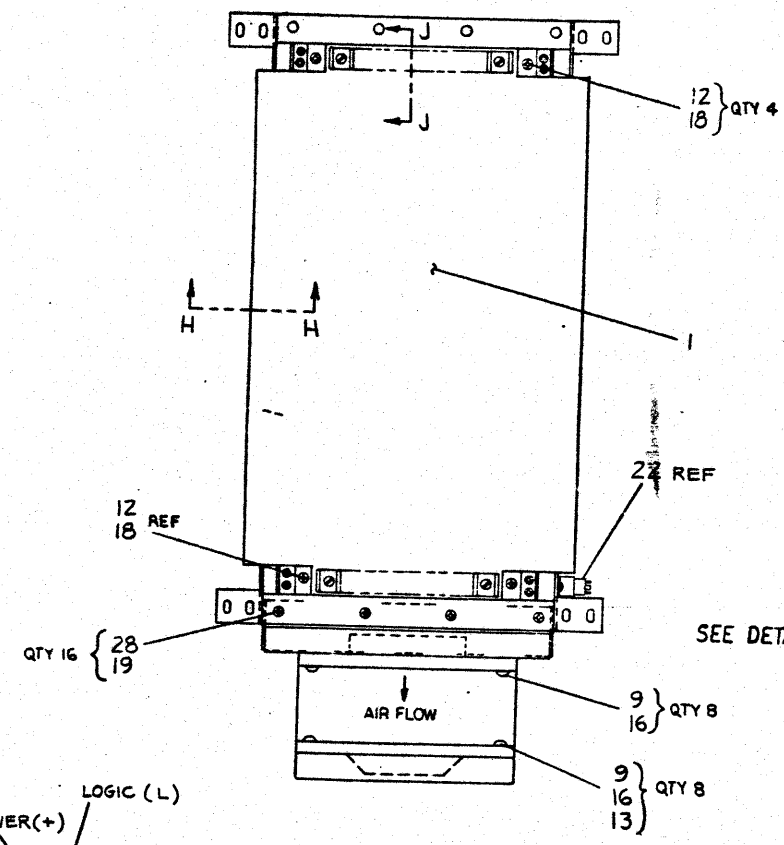
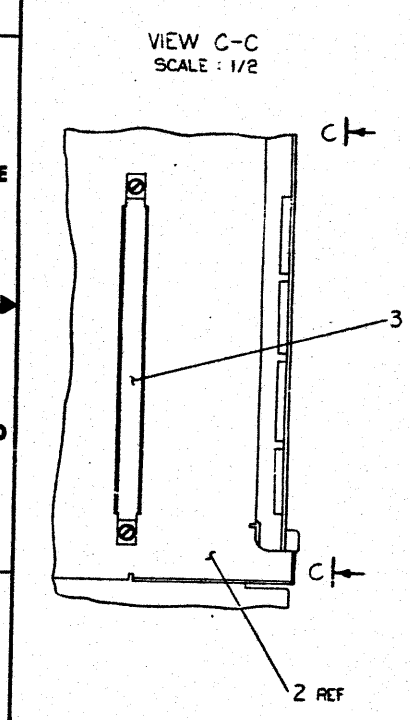
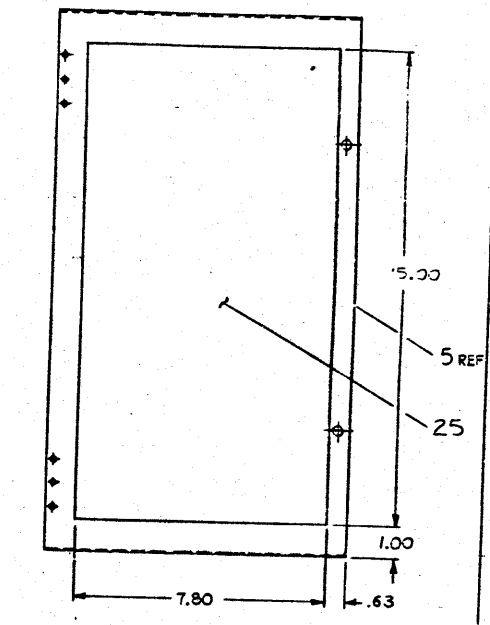
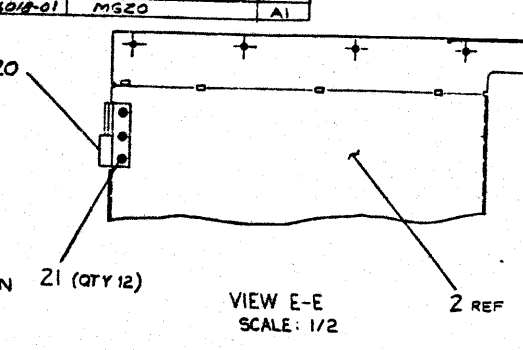
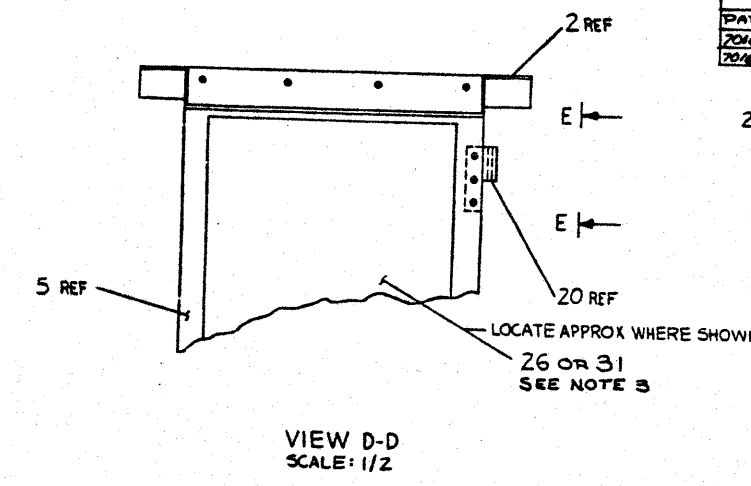
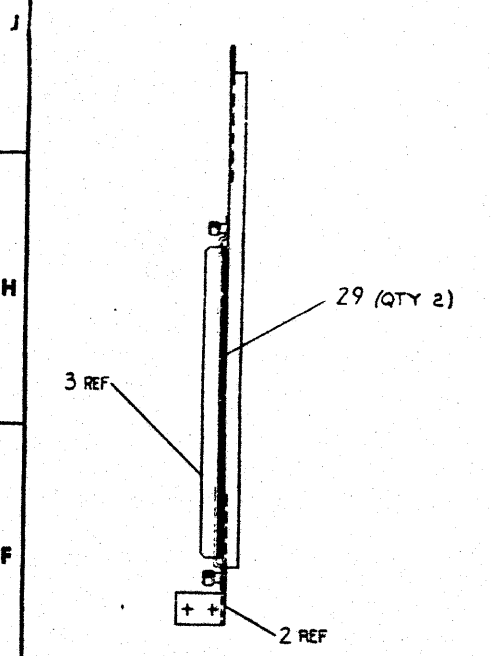
| DEC FORM NO EN-01022-16-N370-(383) DRA 108 | | SIZE A | CODE SP | NUMBER 5414506-1-2 | REV A |
| | | SHEET 4 OF 5 | | | |

ENGINEERING SPECIFICATION		digital		CONTINUATION SHEET	
TITLE VOLTAGE MONITOR					
J1-11 SENSE VOLTAGE RETURN J1-12 SENSE VOLTAGE RETURN In addition, two printed circuit pads are provided for reset.					
		SIZE A	CODE SP	NUMBER 5414506-1-2	REV A

NOT A PRODUCT OF THE U.S. GOVERNMENT
THE BASIS FOR THE MANUFACTURE OF THIS
PART, WITHOUT OTHER PERMISSION
APPROVED BY THE U.S. GOVERNMENT

LEGEND		
PART NO	VARIATION	REV
7016013-00	MF20	31
7016013-01	MG20	A1

- NOTES:
1. LOCATE ADHESIVE BACKED MOUNT (ITEM 27) APPROX. WHERE SHOWN.
 2. INSTALL FOAM TAPE (ITEM 29) ON ALL FOUR SIDES OF WIRED ASSY (ITEM 1), TO SEAL CARD CAGE FROM AIR LEAKS.
 3. FOR: -00 VARIATION, USE ITEM 26.
-01 VARIATION, USE ITEM 31.



CAUTION:
OFF SHEET PARTS LIST
EXIST. B-PL-7016013-0-0

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

THIRD ANGLE PROJECTION		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DESCRIPTION		DWG PART NO.		ITEM NO.	
CHECKED BY		CLASS OF ACCURACY		SURFACE QUALITY		QUANTITY & VARIATION		FIRST USED ON	
ENG. BY		CHECKED BY		MICROMETERS		PREFERRED		MF20 digital	
PROL. ENG. BY		PROL. ENG. BY		MICROMETERS		PREFERRED		CARD CAGE ASSY	
DO NOT SCALE DWG		DO NOT SCALE DWG		MICROMETERS		PREFERRED		E-1A-2F23-3-0	
MATERIAL SEE PARTS LIST		MATERIAL SEE PARTS LIST		MICROMETERS		PREFERRED		SCALE 1/2	
SCALE 1/2		SCALE 1/2		MICROMETERS		PREFERRED		SIZE CODE	
SCALE 1/2		SCALE 1/2		MICROMETERS		PREFERRED		NUMBER	
SCALE 1/2		SCALE 1/2		MICROMETERS		PREFERRED		REV.	

PARTS LIST

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VARIATION	
						00	01
						VARIATION REVISION LEVEL:	
						B1	A1
1	1	E-AD-7014358-0-0	7014358-00		WIRED ASSY-MF20	1	1
2	2	E-IA-7014127-0-0	7014127-00		WELDMENT, CARD CAGE	1	1
3	3	C-IA-7419820-0-0	7419820-00		CABLE CLAMPS	1	1
4	4	D-IA-7420668-0-0	7420668-00		MOUNT, FAN	1	1
5	5	D-IA-7419083-0-0	7419083-00		PANEL FRONT DOOR	1	1
6	6	D-IA-7012686-0-0	7012686-00		FINGER GUARD	2	2
7	7		1210755-00		SW, LEVER 1PST 11A277VAC	1	1
8	8		1211747-00		FAN, TUBE AXIAL 7.0" 350CFM 115V	2	2
9	9		9006075-01		SCREW, MACH PAN PHIL 10-	16	16
10	10		9006022-01		SCREW, MACH PAN PHIL 6-	2	2
11	11		9006074-01		*** THIS ITEM IS NOT USED ***	-	-
12	12		9006074-03		SCREW, MACH TRUSS PHIL 10-	4	4
13	13		9007786-00		RETAINER, U-NUT 10-32X	8	8
14	14		9006557-00		NUT, HEX EXT TOOTH LCKWSHR 4-40	2	2
15	15		9006013-01		*** THIS ITEM IS NOT USED ***	-	-
16	16		9006635-00		WASHER, LOCK INTERNAL STEEL	16	16
17	17		9006632-00		WASHER, LOCK INTERNAL STEEL	2	2
18	18		9007651-00		WASHER, LOCK EXTERNAL STEEL	4	4
19	19		9006634-00		WASHER, LOCK INTERNAL STEEL	16	16
20	20	B-MD-7420769-0-0	7420769-00		HINGE, SLIP R.H. (REWORK)	2	2
21	21		9006458-00		RIVET, BLIND DOME 0.125DX0.275	12	12
22	22		1215413-00		SW, SOLID STATE VANE	2	2
23	23		9007834-00		*** THIS ITEM IS NOT USED ***	-	-
24	24		9006633-00		WASHER, LOCK INTERNAL STEEL	2	2
25	25		9008479-01		FOAM POLYURETHANE	A/R	A/R
26	26		3615747-00		LABEL, ADHESIVE BACK, MF20-L MODUL	1	-
27	27		9008264-00		MOUNT, CABLE TIE, ADHESIVE BACK	2	2
28	28		9006037-03		SCREW, MACH TRUSS PHIL 8-	16	16
29	29		9008274-00		FOAM, TAPE 3/8" X 3/8" BLACK	A/R	A/R
30	30		9006014-01		SCREW, MACH PAN PHIL 4-	2	2

REVISION HISTORY			BASIC PART NO: 7016018		
ENG	ECO NUMBER	REV	SECTION A OF A	DRN: BOB PELLERIN	DATE: 13-JUN-78
BE	7016018-MR01A	C	SECTION VARIATION INDEX	CHK'D: G. FLANDERS	DATE: 13-JUN-78
			EAJ00,01		
			[B]	DES.ENG: J. MCELROY	DATE: 14-AUG-78
			[C]		
			[D]	RESP.ENG.: J. MCELROY	DATE: 14-AUG-78
			[E]		
			[F]	MPG.ENG.: L. QUARLES	DATE: 11-AUG-78
			RELEASE DATE: 17-MAY-84		
			ASSEMBLY NUMBER: IE-AD-7016018-0-0		
			TOP DOCUMENT NUMBER: IE-AD-7016018-0-0		
			FILE NAME: Z9010C.PLS		
			EDIT # 3		

"THIS DRAWING AND THE SPECIFICATIONS CONTAINED HEREIN ARE CONFIDENTIAL AND PROPRIETARY. THEY 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. THIS IS AN UNPUBLISHED WORK PROTECTED UNDER THE FEDERAL COPYRIGHT LAWS."

MRO

AUTOMATED BY PRTLST.5R(55)

PARTS LIST

SHEET A2 OF A2

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY	PER VARIATION
						00	01
					VARIATION REVISION LEVEL:	B1	A1
31	31		3615747-01		LABEL,MODULE REVISION HISTORY MG	-	1

D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							CARD CAGE ASSY				7016018-0-DBP	C
									K	PL		

MRO