

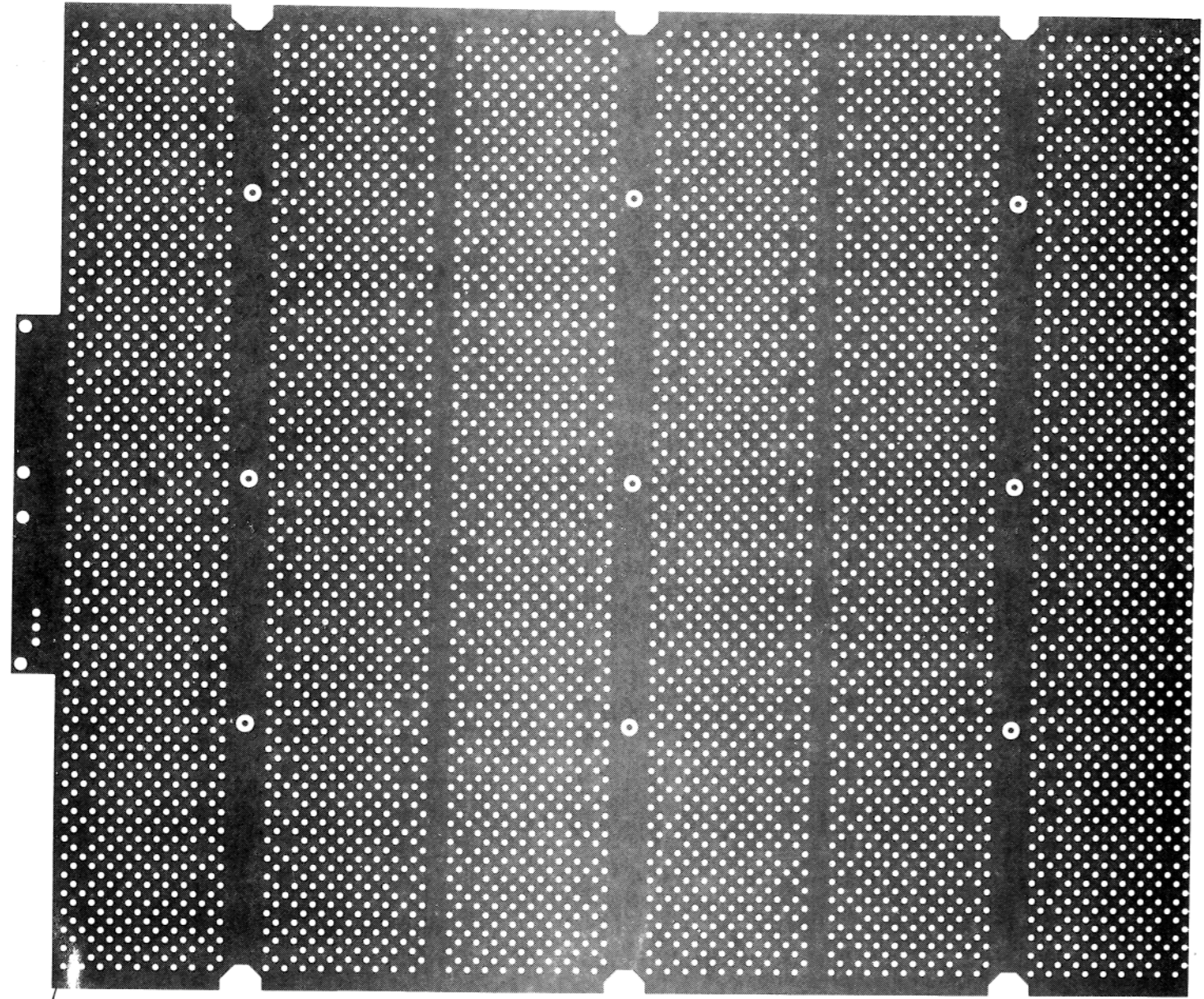
"THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1974, DIGITAL EQUIPMENT CORPORATION."

8 1-0-2991179 CS D 2
3300 325

D
C
B
A

D
C
B
A

26



(LAYER 3)

AØ 1 A1

REVISIONS		
CHK	CHANGE NO.	REV.

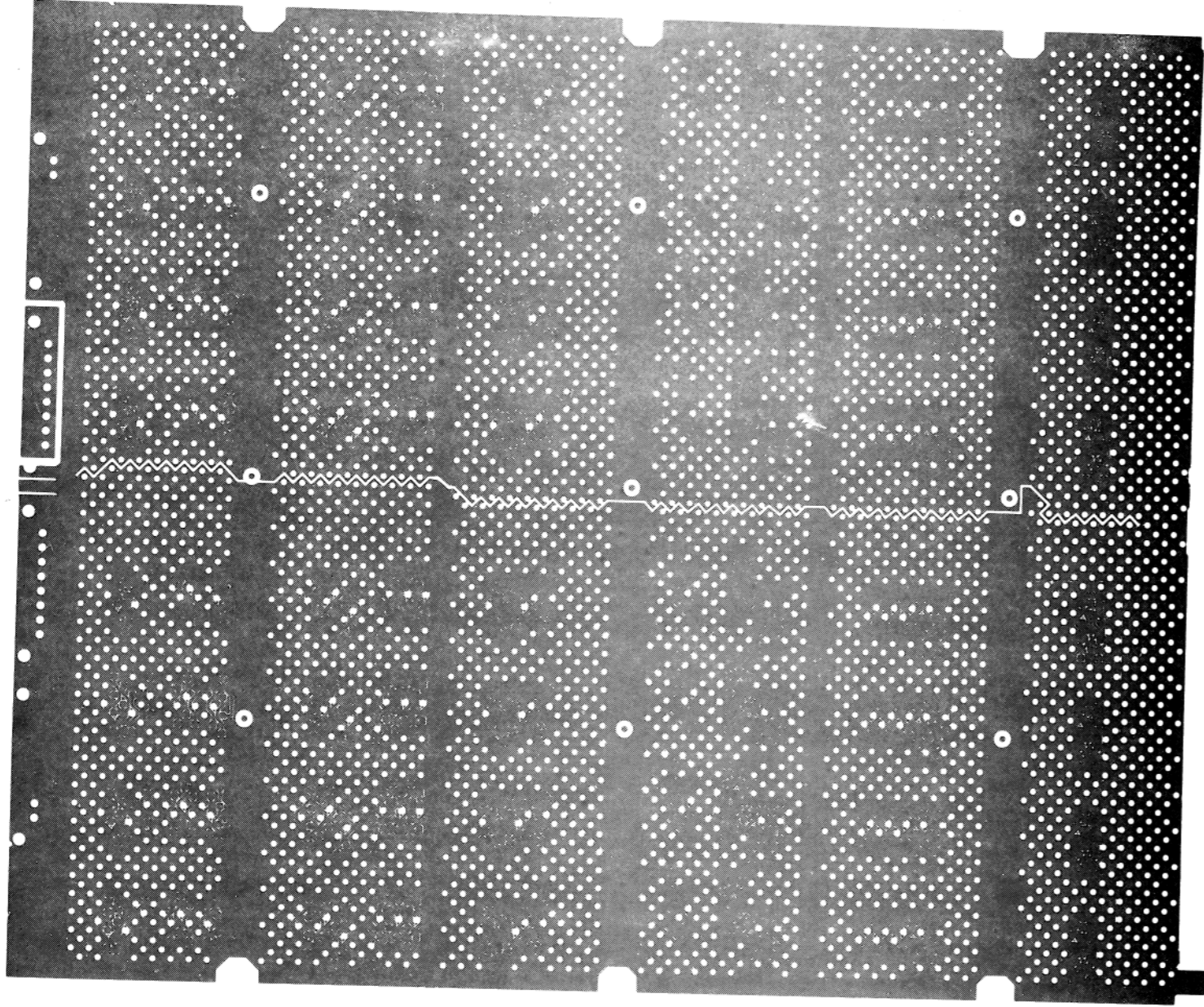
TITLE: CIRCUIT SCHEMATIC -
 BACK PLANE ASSY (MEMORY) SIZE CODE: D CS 54153-0-1 NUMBER: B REV. B
 SCALE: SHEET 2 OF 4 DIST.

8 7 6 5 4 3 2 1

TEC FORM NO. 137

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:

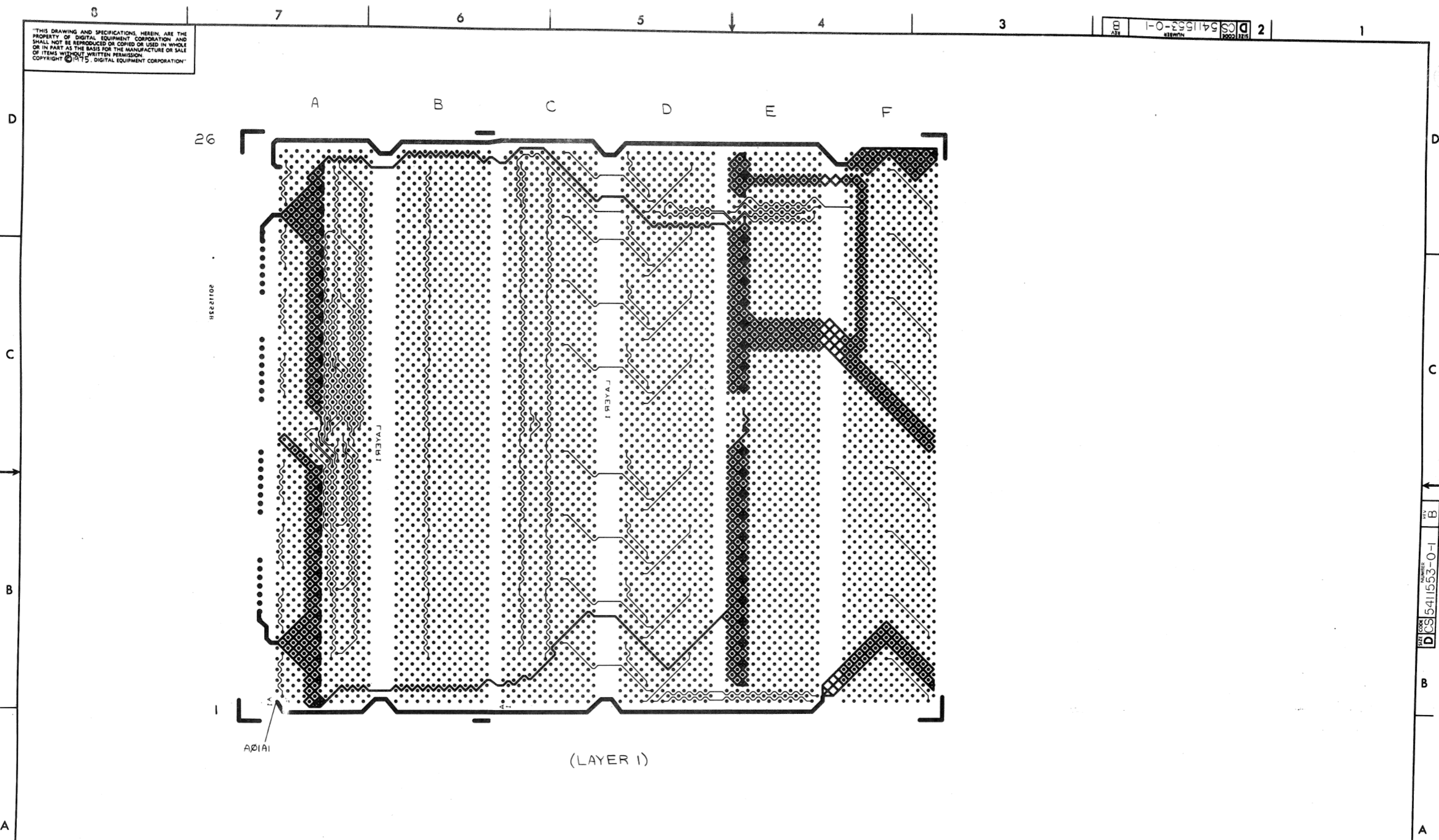


IC TYPE	GND	+ 5V
GND AND 5V ARE USUALLY PIN 7 AND 14 RESPECTIVELY EXCEPTIONS ARE STATED ABOVE		
IC PIN LOCATIONS		

QTY		REF DESIGNATION		DESCRIPTION		PART NO.		ITEM NO.
PARTS LIST								
ETCH BOARD REV								
DRM		DATE		DRM		DATE		<div style="text-align: center;">digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS</div> <p>TITLE: CIRCUIT SCHEMATIC BACK PLANE ASSY. (MEMORY)</p> <p>SIZE CODE NUMBER REV D CS 5411553-0-1 B</p>
CHK'D		DATE		CHK'D		DATE		
ENGR		DATE		ENGR		DATE		
PROJ. ENG.		DATE		PROJ. ENG.		DATE		
PROD.		DATE		PROD.		DATE		
NEXT HIGHER ASSY				NEXT HIGHER ASSY				
DEC NO.		EIA NO.		DEC NO.		EIA NO.		
SEMICONDUCTOR CONVERSION CHART				SCALE 1/1				REV. B
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 © 1975, DIGITAL EQUIPMENT CORPORATION."

REV. B
 1-0-2961179
 DCS 5411553-0-1
 2



AØIAI

(LAYER 1)

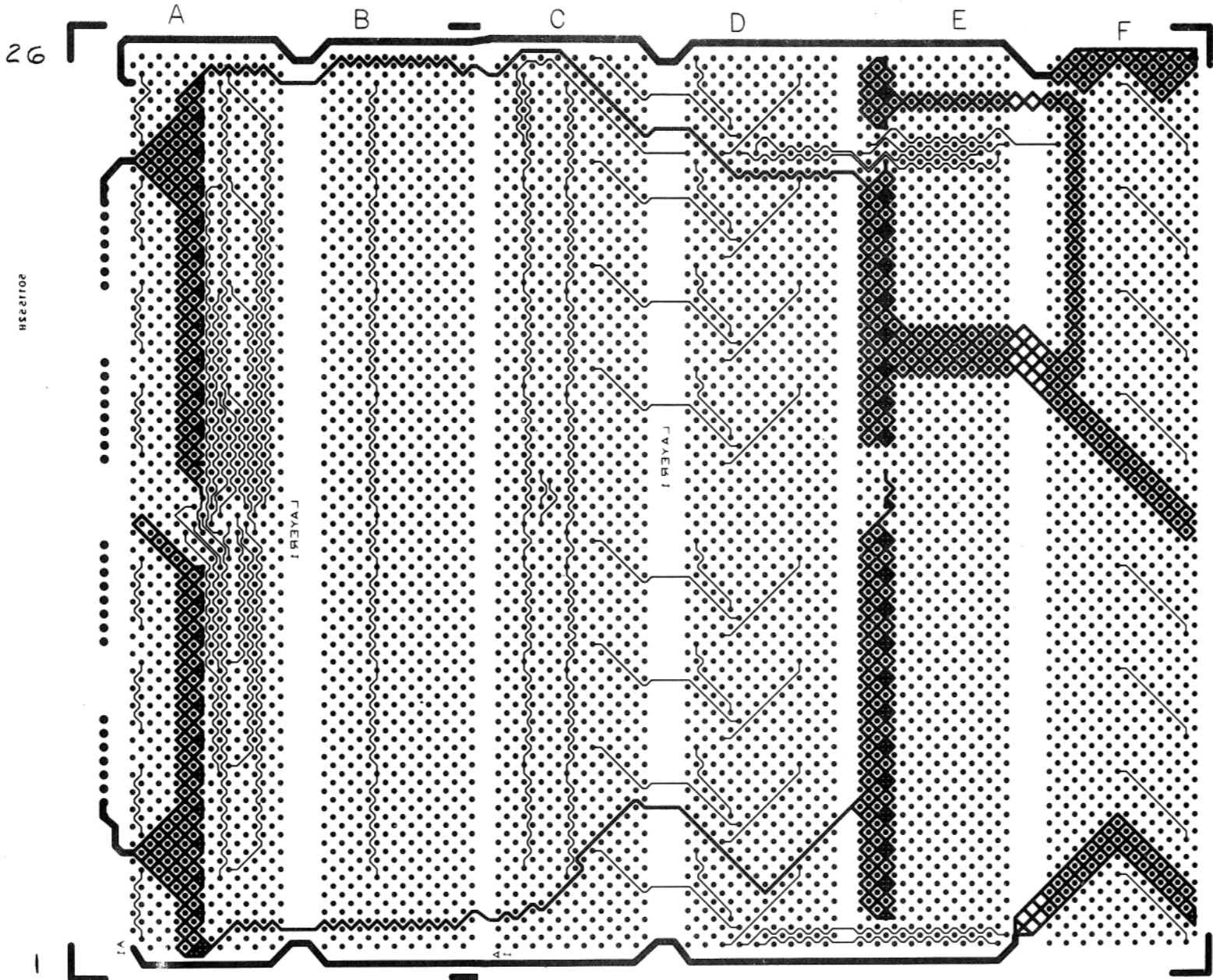
REVISIONS		
CHK	CHANGE NO.	REV.

TITLE CIRCUIT SCHEMATIC
 BACK PLANE ASSY(MEMORY)
 SCALE 1/1 SHEET 4 OF 4 DIST. NUMBER DCS 5411553-0-1 REV. B

REV. B
 NUMBER DCS 5411553-0-1

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

DATE CODE NUMBER SIZE CODE 2 1
 A 5411581-0-1 DCS



SIDE 1
 (LAYER 1)

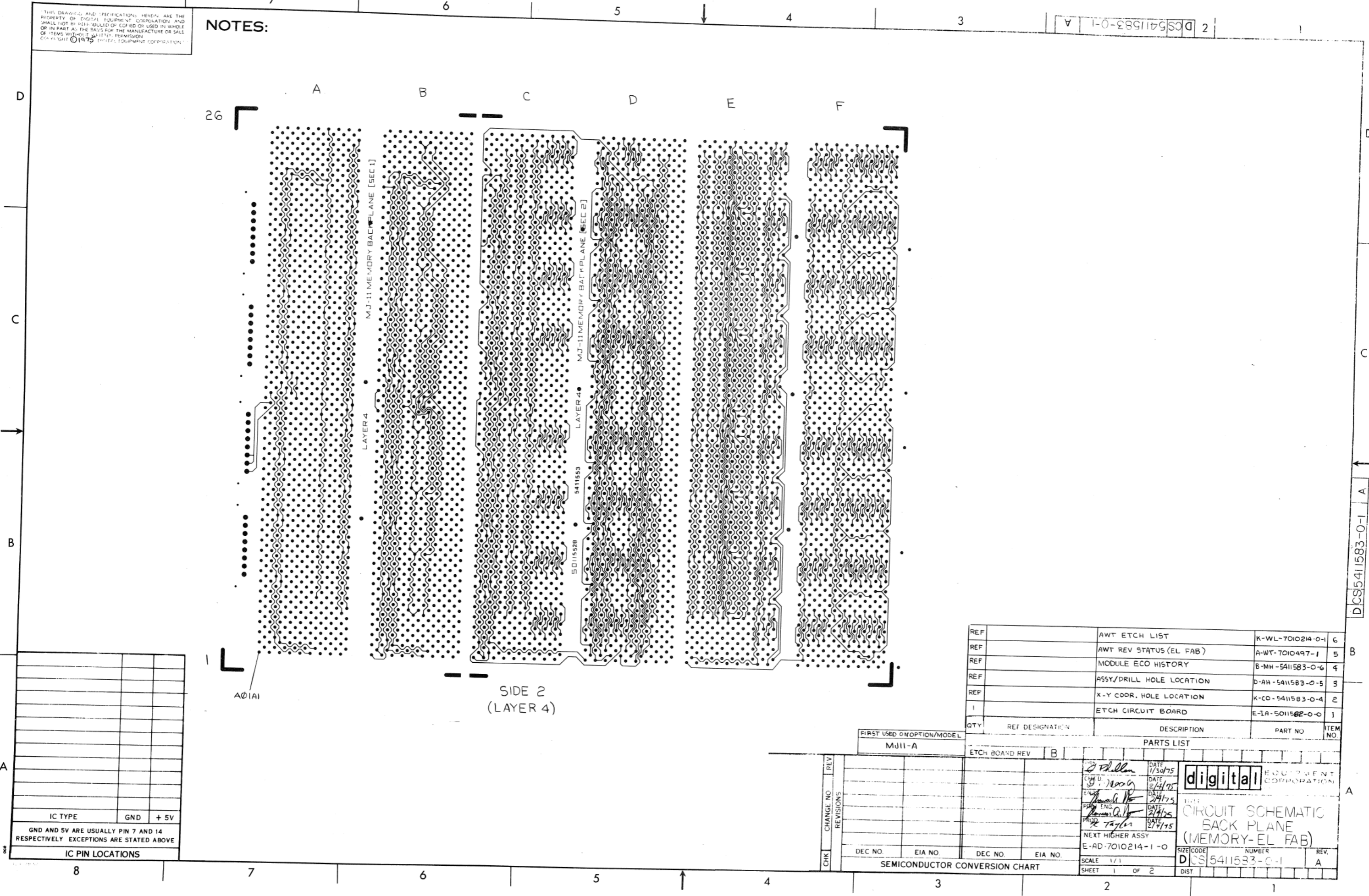
REVISIONS		
CHK	CHANGE NO	REV

TITLE CIRCUIT SCHEMATIC
 BACKPLANE (MEM-EL FAB) SIZE CODE NUMBER REV.
 DCS 5411581-0-1 A
 SCALE SHEET 2 OF 2 DIST.

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

DCS 5411583-0-1

NOTES:



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

A01A1

SIDE 2
(LAYER 4)

REF	DESCRIPTION	PART NO	ITEM NO	
REF	AWT ETCH LIST	K-WL-7010214-0-1	6	
REF	AWT REV STATUS (EL FAB)	A-WT-7010497-1	5	
REF	MODULE ECO HISTORY	B-MH-5411583-0-6	4	
REF	ASSY/DRILL HOLE LOCATION	D-AH-5411583-0-5	3	
REF	X-Y COOR. HOLE LOCATION	K-CO-5411583-0-4	2	
I	ETCH CIRCUIT BOARD	E-1A-5011582-0-0	1	
QTY	REF DESIGNATION	DESCRIPTION	PART NO	ITEM NO

FIRST USED OR OPTION/MODEL		PARTS LIST	
M111-A		ETCH BOARD REV	B
CHK	CHANGE NO	REV	
REVISIONS			
CHK'D	DATE		
DESIGNED BY	DATE		
ENG	DATE		
DRAWN BY	DATE		
DATE			
NEXT HIGHER ASSY			
E-AD-7010214-1-0			
DEC NO.	EIA NO.	DEC NO.	EIA NO.

SEMICONDUCTOR CONVERSION CHART

SCALE	1/1
SHEET	1 OF 2

digital EQUIPMENT CORPORATION

CIRCUIT SCHEMATIC
 BACK PLANE
 (MEMORY-EL FAB)

SIZE CODE DIST

NUMBER

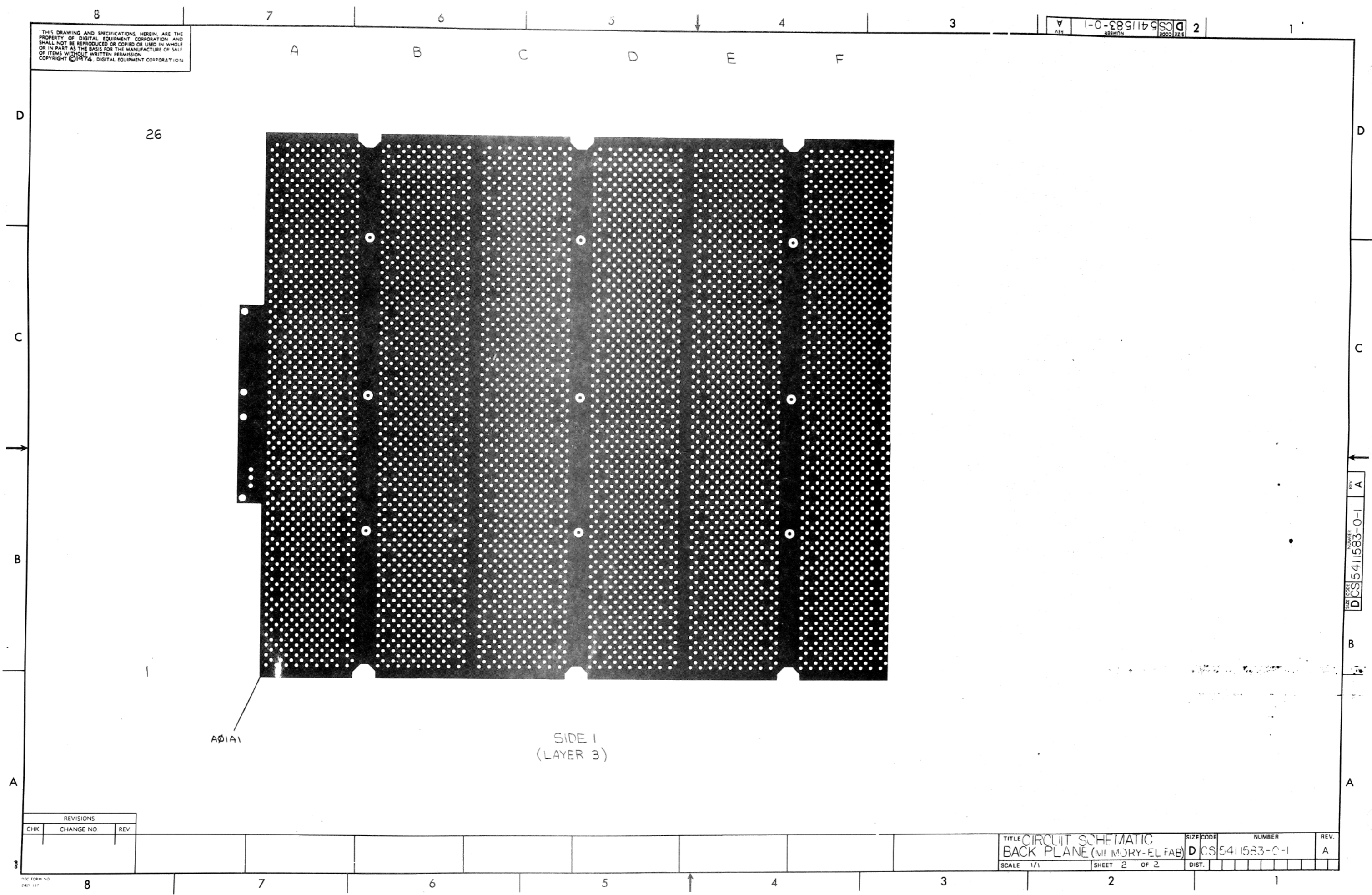
DCS 5411583-0-1

REV.

A

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

SIZE CODE NUMBER REV. DCS 5411583-0-1 2



26

AØ1A1

SIDE 1
(LAYER 3)

REVISIONS		
CHK	CHANGE NO	REV

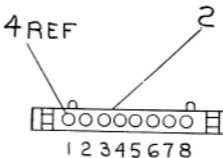
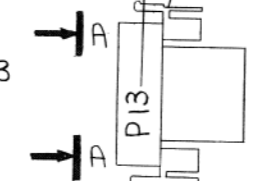
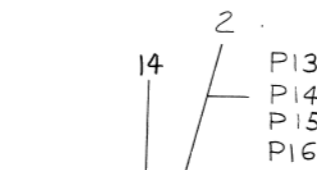
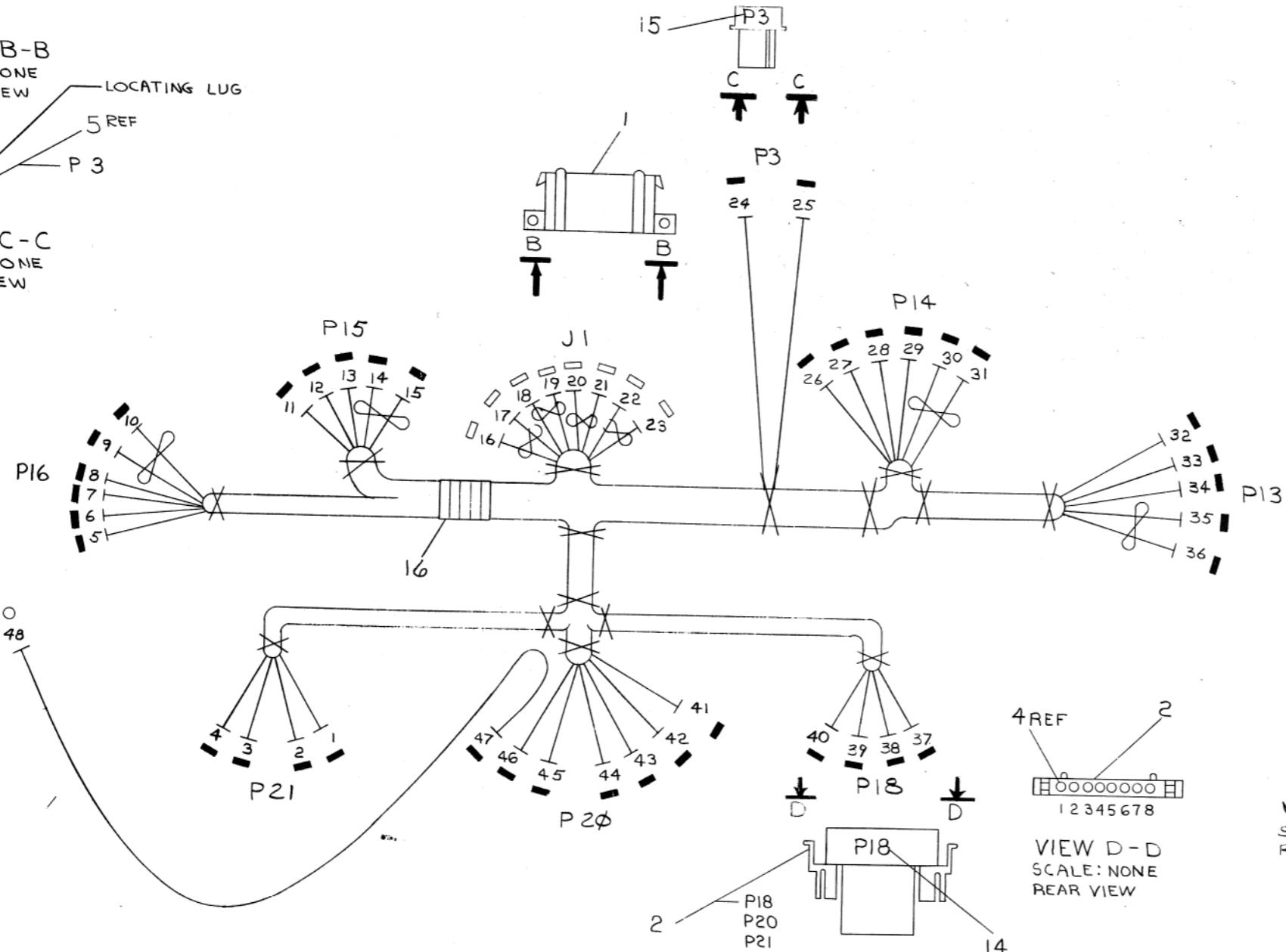
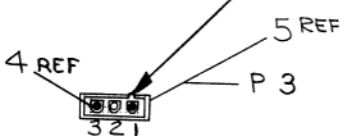
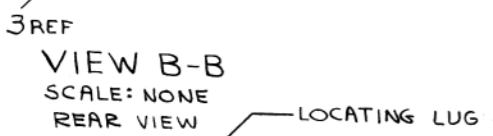
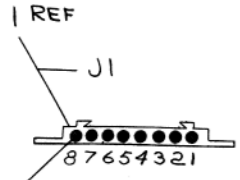
TITLE CIRCUIT SCHEMATIC
BACK PLANE (MEMORY-EL FAB) DCS 5411583-0-1
SCALE 1/1 SHEET 2 OF 2 DIST. NUMBER REV. A

"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 REDUCE
SCALE
6 IN
12 IN

FOR MANUFACTURING PURPOSES ONLY

NOTES:
1. USE TIE, CABLE (X) (ITEM #13) APPROXIMATELY EVERY THREE (3) INCHES WHEN NECESSARY, AND AT EVERY BREAKOUT POINT.



VIEW D-D
SCALE: NONE
REAR VIEW

QTY.	DESCRIPTION	PART NO.	ITEM NO.
1	SERIAL TAG	9009532-00	16
A/R	PWR HARN. DECALS (J)	A-DC-7409873-0-0	15
A/R	PWR HARN. DECALS (P)	A-DC-7409872-0-0	14
A/R	TIE, CABLE	9007880	13
A/R	WIRE #14 AWG, TWP RED/WHT	9107440-29	12
A/R	WIRE #14 STRD, INS, BLK	9107370-00	11
A/R	WIRE #14 STRD, INS, RED	9107370-22	10
A/R	WIRE #14 STRD, INS, ORN	9107370-33	9
A/R	WIRE #14 STRD, INS, BRN	9107370-11	8
A/R	WIRE #18 STRD, INS, BLK	9107360-00	7
1	TERMINAL #10 HOLE	9007930-00	6
1	CONN, MALE 3 PINS	1209351-03	5
39	TERMINAL (MALE)	1209378-01	4
8	TERMINAL (FEMALE)	1209379-01	3
7	CONN, MALE 8 PINS	1209340-01	2
1	CONN, FEMALE 8 PINS	1209340-00	1

FIRST USED ON OPTION/MODEL		DATE		TITLE	
MJ11-A		DRN. K. J. 12-4-74	DATE 12-4-74	PWR. HARNESS	
DIMENSIONAL TOLERANCE		CHK'D. [Signature]	DATE 1/5/75	digital	
DIMENSIONS ARE INCHES UNLESS OTHERWISE SPECIFIED		ENG. [Signature]	DATE 1/5/75	TITLE PWR. HARNESS (MJ11-A)	
MILLIMETERS	INCHES	ANGLES	DATE	SIZE CODE NUMBER REV.	
.XX ±0.10	.XX ±.005	±0° 30'	DATE	DIA 7010580-C-0 A	
.XX ±0.5	.XX ±.02		DATE	SCALE 1/1	
.X ±.2	.X ±.1		DATE	SHEET 1 OF 2	
THIRD ANGLE PROJECTION	REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY	NEXT HIGHER ASSY.		DIST.	
MATERIAL SEE PARTS LIST					
FINISH					

REV.	CHANGE NO.	REV.
1	7010580-00001	A
2	4-7-75	
3	P. DUBIE 9/10/75	

DEC FORM NO. 880 100-B

REV. A
DIA 7010580-0-0

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

REV. 2
 SIZE CODE DIA 7010580-0-0

WIRE TABLE

ITEM NO	DESCRIPTION			FROM			TO		
	AWG	COLOR	POINT	CONNECTION	WITH	POINT	CONNECTION	WITH	
10	14	RED	1	P21-8	4	5	P16-2	4	
10		RED	2	P21-7		8	P16-5		
9		ORN	3	P21-4		13	P15-5		
8		BRN	4	P21-1		12	P15-3		
11		BLK	6	P16-3		43	P20-6		
11		BLK	7	P16-4		41	P20-8	4	
12		RED	9	P16-6		16	J1-8	3	
TWP		WHT	10	P16-7		17	J1-7	3	
11		BLK	11	P15-2		42	P20-7	4	
12		RED	14	P15-7		18	J1-6	3	
TWP		WHT	15	P15-8	4	19	J1-5	3	
12		RED	20	J1-4	3	30	P14-6	4	
TWP		WHT	21	J1-3	3	31	P14-7		
12		RED	22	J1-2	3	35	P13-7		
TWP	14	WHT	23	J1-1	3	36	P13-8		
7	18	BLK	24	P3-3	4	25	P3-1		
10	14	RED	26	P14-2		39	P18-2		
11		BLK	27	P14-3		44	P20-5		
11		BLK	28	P14-4		45	P20-4		
10		RED	29	P14-5		40	P18-1		
11		BLK	32	P13-2		46	P20-3		
8		BRN	33	P13-3		37	P18-8		
9	14	ORN	34	P13-5		38	P18-5	4	
7	18	BLK	47	P20-2	4	48	---	6	

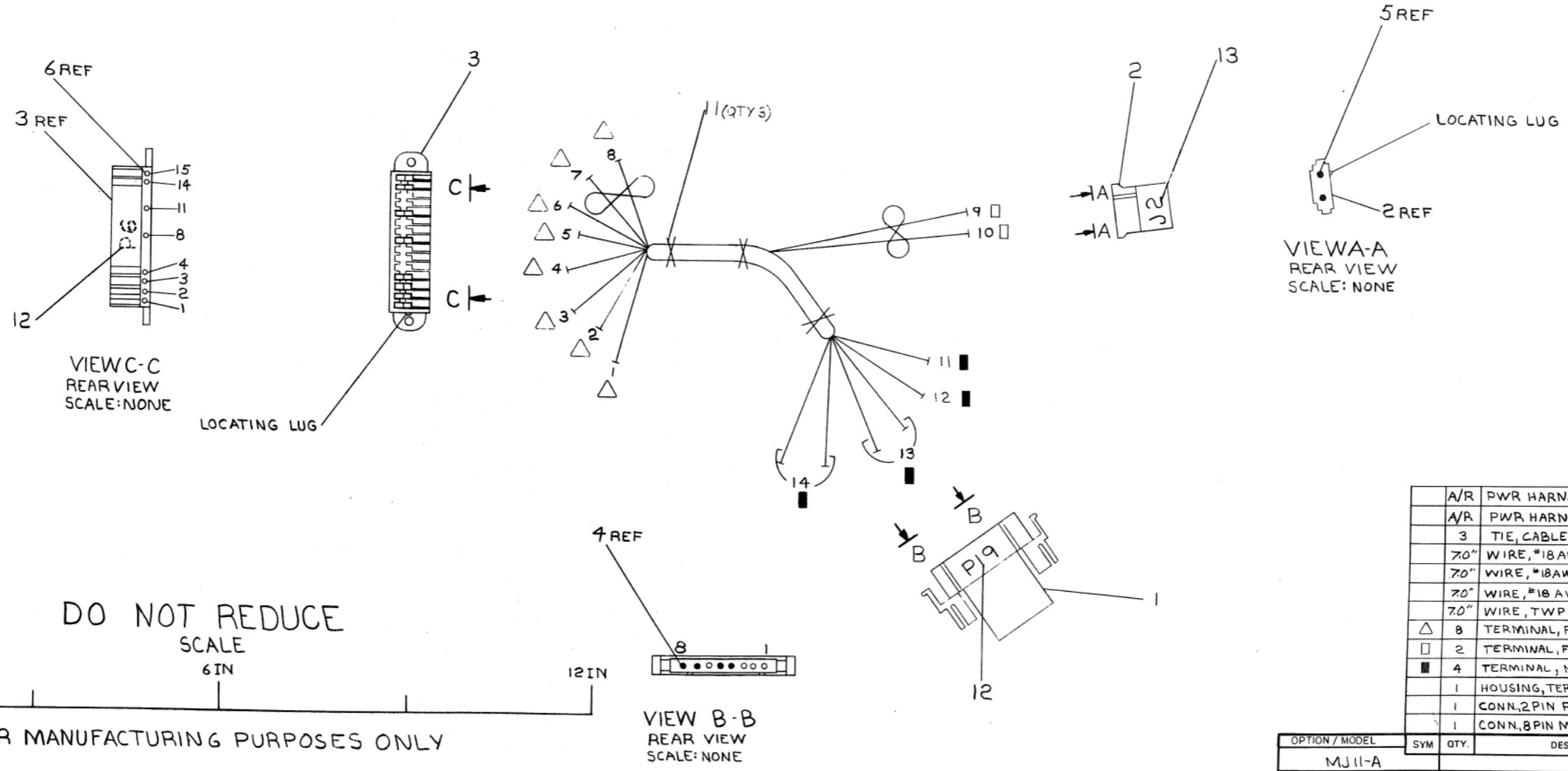
REVISIONS		
CHK	CHANGE NO.	REV.

TITLE PWR. HARNESS (MJ11-A)
 SCALE 1/1 SHEET 2 OF 2
 SIZE CODE DIA 7010580-0-0 NUMBER 7010580-0-0 REV. A

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 EQUIP CORP.

WIRE TABLE

ITEM NO	DESCR. PTION	FROM			TO		
		AWG	COLOR	POINT CONNECTION TERM	POINT CONNECTION TERM	CONNECTION TERM	CONNECTION TERM
10	18	VIO	1	P6-1	6	13	P19-7
9	18	YEL	2	P6-2	6	14	P19-8
8	18	YEL	3	P6-3	6	12	P19-5
7	18	BLK	4	P6-4	6	11	P19-4
6	18	BLK	5	P6-5	6	10	J2-1
5	18	WHT	6	P6-11	6	9	J2-2
4	18	WHT	7	P6-14	6		
3	18	RED	8	P6-15	6		



DO NOT REDUCE SCALE
6 IN
FOR MANUFACTURING PURPOSES ONLY
12 IN

SYM	QTY.	DESCRIPTION	PART NO.	ITEM NO.
A/R		PWR HARN. DECAL (J)	A-DC7409873-00	13
A/R		PWR HARN. DECAL (P)	A-DC7409872-00	12
	3	TIE, CABLE	9007880	11
	70"	WIRE, #18AWG, VIOLET	9107360-77	10
	70"	WIRE, #18AWG, YEL	9107360-44	9
	70"	WIRE, #18AWG, BLK	9107360-00	8
	70"	WIRE, TWP #18AWG, RED/WHT	9107430-29	7
△	8	TERMINAL, RIGHT ANGLE	1210381	6
□	2	TERMINAL, FEMALE	1209379-01	5
■	4	TERMINAL, MALE	1209378-01	4
	1	HOUSING, TERMINAL	1210380-07	3
	1	CONN, 2 PIN FEMALE	1210821-2	2
	1	CONN, 8 PIN MALE	1209340-01	1

OPTION / MODEL		SYM	QTY.	DESCRIPTION	PART NO.	ITEM NO.
MJ11-A						
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES		DRN	DATE	PARTS LIST		
DECIMALS		CHK'D	DATE	digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS		
ANGLES		ENG.	DATE	TITLE		
XXX = .005		PROJ. ENG.	DATE	WIRE HARNESS		
XX = .02		PROD.	DATE	A.C./D.C. LOW		
X = .1				(MJ11-A)		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY				MATERIAL		
				NEXT HIGHER ASSY.		
				SEE PARTS LIST		
				SCALE 1/1		
				FINISH		
				SHEET 1 OF 1		
				D-UA-MJ11-A-φ		
				SIZE CODE		
				NUMBER		
				REV.		
				DIA 7010581-0-0		
				DIST.		

BRUNING 40-107 15968
DEC FORM NO DRD 100-A

NUMBER 7010581-0-0
REV. DIA