

MASTER DRAWING LIST

MAINTENANCE MANUALS		UNIT VARIATIONS	
NO.	TITLE		
KM8-E	MEM EXT & TIME SHARE CONTROL		

USED ON OPTIONS	
PDP8-E	
PDP 8/M	

REV.	DATE	CHG. NO.	APPD.	REV. NO. OF SHEETS	DWG. NO.	REV. LET.	NO. OF SHEETS	TITLE	OPTION NO.
A	3/23/71	0001	R.M.						
B	6/71	KM8E-2	R.M.						
C	7/71	MISC-86	A.V.						
D	7/71	KM8E-3	A.V.						
E	1/72	BE-55							

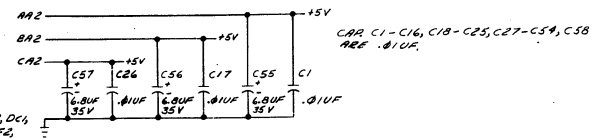
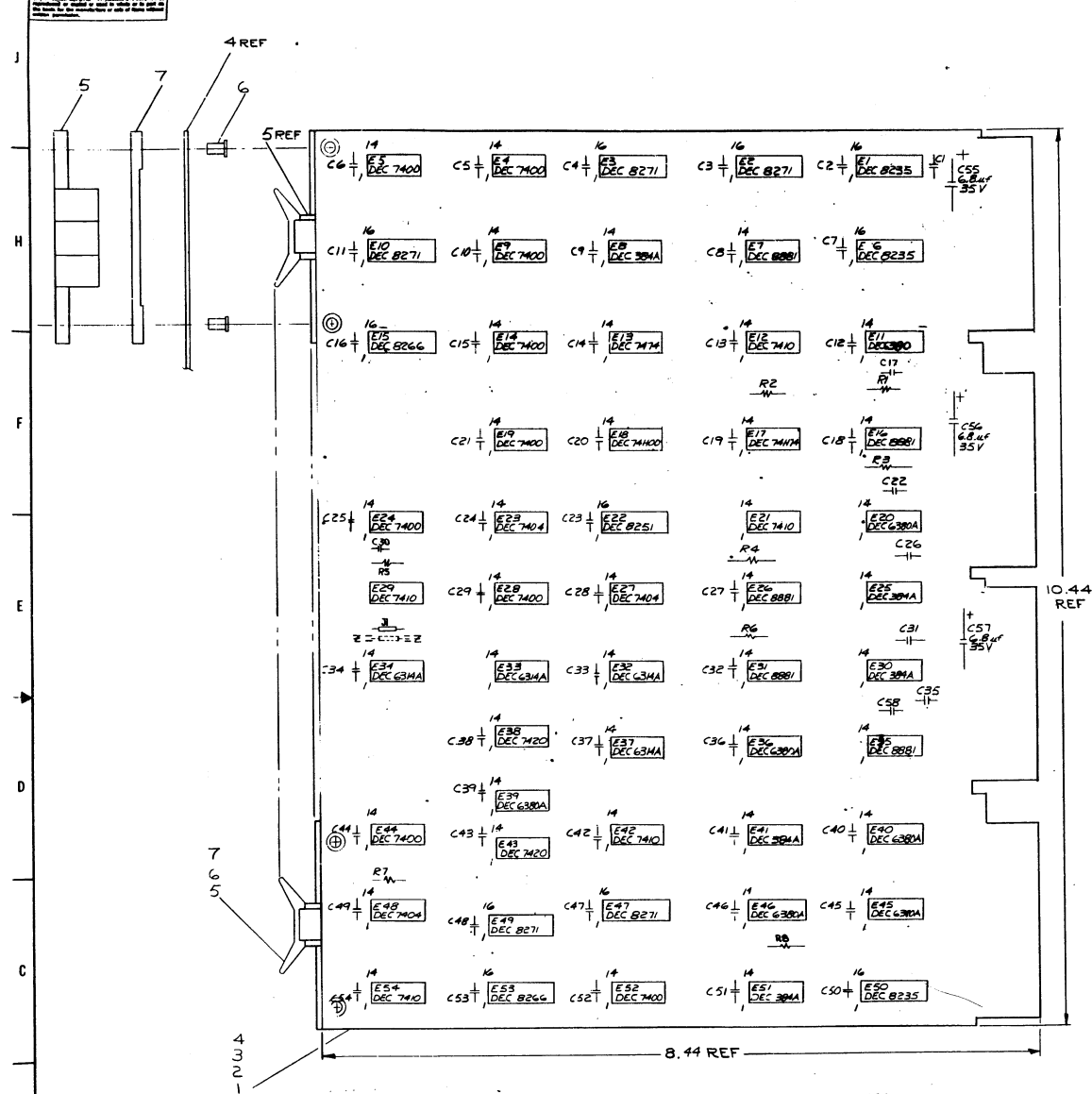
DATE	19/71	DATE	19/71
CHK'D	K. GULICK	DATE	19/71
DRN.	X. GULICK	DATE	3/3/71
ENG.	R. MADDEN	DATE	3/3/71
PROJ. ENG.	R. VOGELSANG	DATE	3/3/71
PROD.	L. SAYLOR	DATE	3/3/71
FIRST USED ON	A-PL-PDP8/3-0		
SCALE	NONE		
SHEET	1	OF	2

REV.	SIZE CODE	NUMBER	REV.
A	ML	KM8-E	E

REV.	DATE	CHG. NO.	APPD.	REV. NO. OF SHEETS	DWG. NO.	REV. LET.	NO. OF SHEETS	TITLE	OPTION NO.
X				3	E-CS-M837-0-1	#		MEM EXT & TIME SHARE CONTROL	
				1	A-PL-KM8-E-0	REF		MEM EXT & TIME SHARE CONTROL (PL)	
-				3	A-SP-7665140-0-0			KM8E ACCEPTANCE PROCEDURE	
-				4	A-SP-KM8-E-1			MEMORY EXTENSION TEST PROCEDURE	
-				2	A-SP-KM8-E-2			MEMORY EXTENSION SPECIFICATIONS	
-					LIBKIT-8E-KM8E	REF		PROGRAM LIBRARY KIT	

PRINT SET								

NOTES:
 UNLESS OTHERWISE NOTED:
 CAPACITORS ARE .01µF 100V 20%
 RESISTORS ARE 1K 1/4W 5%



IC2, BC1, BC2, CC1, CC2, DC1, DC2, AF1, AF2, BF1, BF2, CF1, CF2, DF1, DF2, AH1, AH2, BH1, BH2, CH1, CH2, DH1, DH2, RT1, RT2, BT1, BT2, CT1, CT2, DT1, DT2.

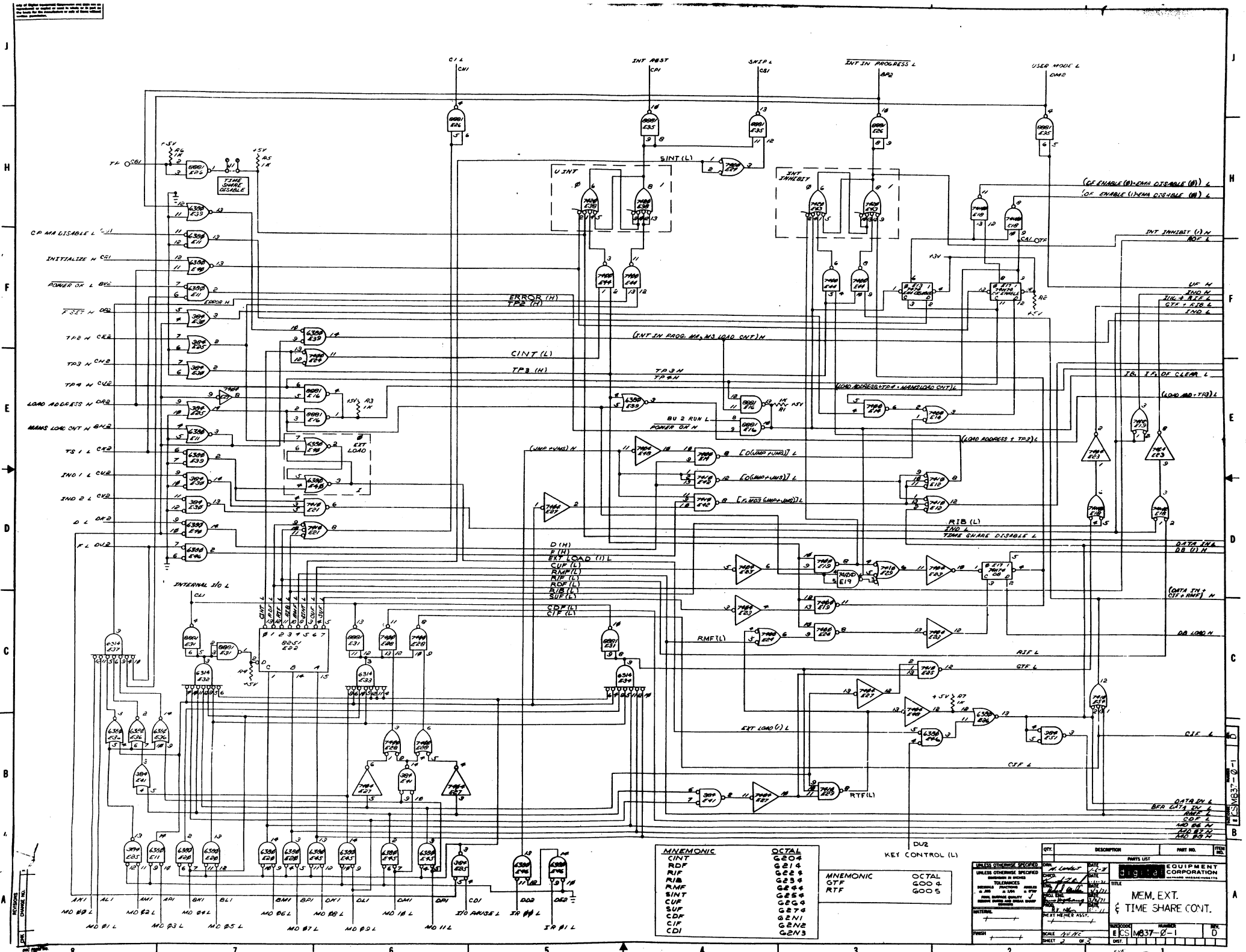
DEC 314	1	B
DEC 384	1	B
DEC 6380	1	B
DEC 8251	8	16
DEC 8266	8	16
DEC 8235	8	16
DEC 8271	8	16

IC TYPE	GRID	25W
<small>GRID AND BY ARE USUALLY P17 AND 18 RESPECTIVELY. EXCEPTIONS ARE STATED ABOVE.</small>		
IC PIN LOCATIONS	JUMPER LIST	
ITEM NO.	ARG	FROM PT
		TO PT

7	E11, E20, E36, E39, E40, E45, E46	IC DEC 6380	1909971	25
8	R1, R2	RESISTOR 1K 1/4W 5%	1300363	20
83	C1, C34, C38	CAPACITOR .01µF DISC	1001670	23
3	C51, C56, C57	CAPACITOR 6.8µF 35V TOR	1005306	22
9	E24, E25, E44, E52	IC DEC 7400	1905575	21
5	E12, E26, E27, E35	IC DEC 8881	1909705	20
5	E28, E30, E41, E42	IC DEC 8231	1909675	19
3	E1, E2, E30	IC DEC 8235	1909935	18
2	E15, E23	IC DEC 8266	1909934	17
1	E16	IC DEC 8251	1909574	16
1	E17	IC DEC 74174	1909667	15
1	E13	IC DEC 7474	1905547	14
2	E18, E43	IC DEC 7480	1905577	13
5	E22, E29, E42, E54	IC DEC 7410	1905576	12
3	E21, E27, E30	IC DEC 7404	1909606	11
1	E19	IC DEC 7400	1909056	10
5	E14, E30, E41, E51	IC DEC 384	1909426	9
4	E2, E31, E37	IC DEC 6314	1909922	8
4		SPACER (CABLE CLAMP)	1202704	7
6		EYELET G54-11 STIMPSON	9006750	6
4		HANDLE FLIP CHIP MOUNTING	1000337-06	5
1		RICHED CIRCUIT BOARD	8003255	4
REF		MODULE HISTORY LIST	BMM-837-2-3	3
REF		ASSY/DRILLING HOLE LAYOUT	DAM-837-2-5	2
REF		X-Y COORDINATE HOLE LOC.	K-CO-837-2-4	1

ETCH BOARD REV	2	DATE LIST																	
ITEM NO.	ARG	FROM PT	TO PT																
<table border="1"> <tr> <td>DEC NO.</td> <td>EIA NO.</td> <td>DEC NO.</td> <td>EIA NO.</td> </tr> <tr> <td colspan="4">SEMICONDUCTOR CONVERSION CHART</td> </tr> <tr> <td colspan="4">SCALE 2/1</td> </tr> <tr> <td colspan="4">PAGE 1 OF 3</td> </tr> </table>				DEC NO.	EIA NO.	DEC NO.	EIA NO.	SEMICONDUCTOR CONVERSION CHART				SCALE 2/1				PAGE 1 OF 3			
DEC NO.	EIA NO.	DEC NO.	EIA NO.																
SEMICONDUCTOR CONVERSION CHART																			
SCALE 2/1																			
PAGE 1 OF 3																			
<table border="1"> <tr> <td>7</td> <td>6</td> <td>5</td> <td>4</td> <td>3</td> <td>2</td> <td>1</td> </tr> </table>		7	6	5	4	3	2	1	<table border="1"> <tr> <td>7</td> <td>6</td> <td>5</td> <td>4</td> <td>3</td> <td>2</td> <td>1</td> </tr> </table>		7	6	5	4	3	2	1		
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7	6	5	4	3	2	1													
7	6	5	4	3	2	1													

MEM EXT & TIME SHARE CONTROL
A-MIL-KM8-E
ECSM837-0-1
REV D



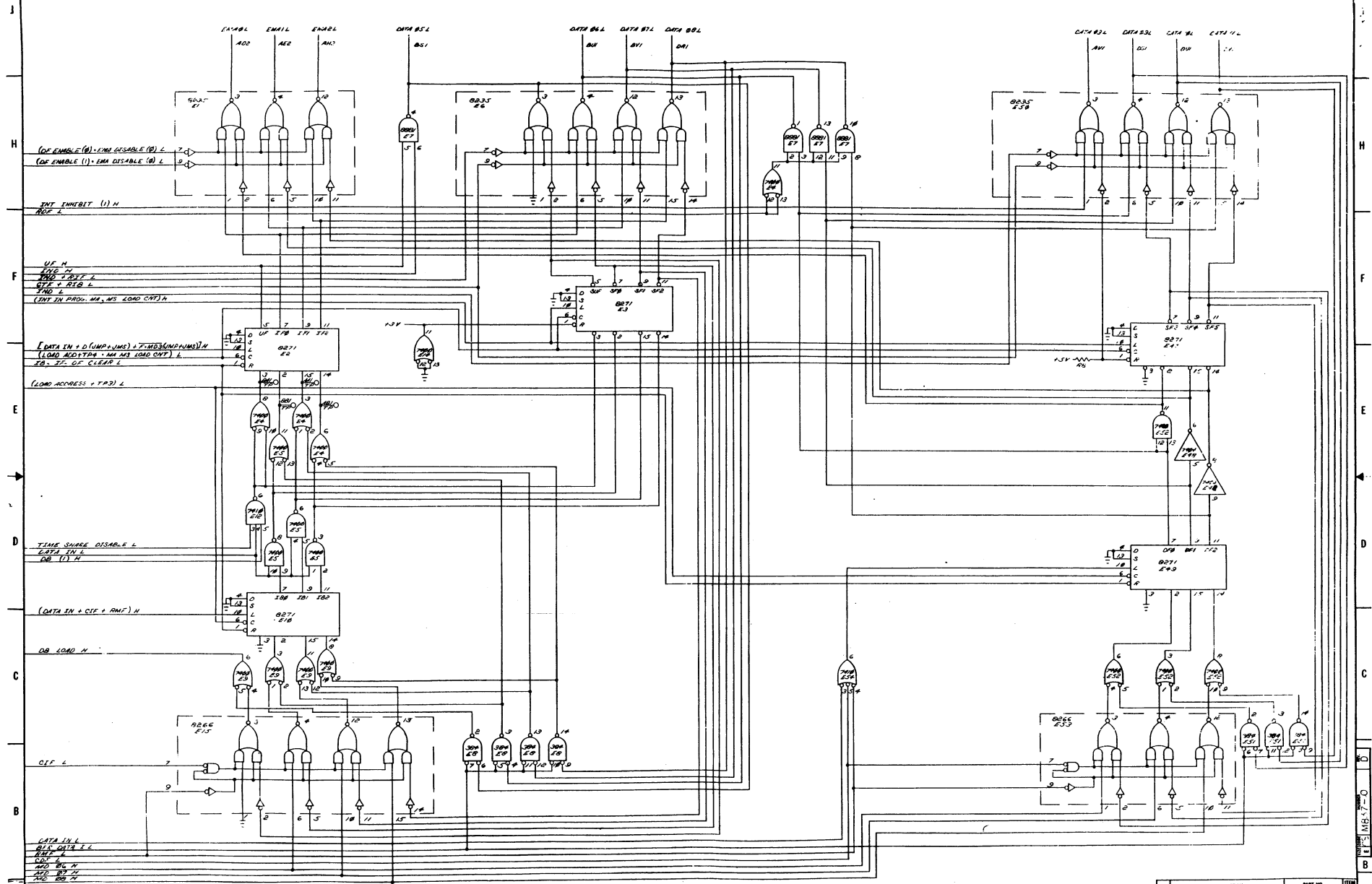
MNEMONIC	OCTAL
CINT	G204
RIF	G214
RIF	G224
RIF	G234
RMF	G244
SINT	G254
CUF	G264
CDP	G274
CIF	G284
CDI	G294

MNEMONIC	OCTAL
GTF	G004
RTF	G005

UNLESS OTHERWISE SPECIFIED		DATE	2-7-72
DIMENSIONS IN INCHES		DESIGNED BY	W. L. LINDSEY
TOLERANCES UNLESS OTHERWISE SPECIFIED		CHECKED BY	J. W. BROWN
MATERIAL		DATE	2-7-72
DRAWN BY		DATE	2-7-72
APPROVED BY		DATE	2-7-72
PROJECT NAME		MEM. EXT. TIME SHARE CONT.	
SHEET		2	OF 3
DRAWING NO.		ECS 14837-10-1	

A11 A12 A13 A14 A15 A16 A17 A18 A19 A20 A21 A22 A23 A24 A25 A26 A27 A28 A29 A30 A31 A32 A33 A34 A35 A36 A37 A38 A39 A40 A41 A42 A43 A44 A45 A46 A47 A48 A49 A50 A51 A52 A53 A54 A55 A56 A57 A58 A59 A60 A61 A62 A63 A64 A65 A66 A67 A68 A69 A70 A71 A72 A73 A74 A75 A76 A77 A78 A79 A80 A81 A82 A83 A84 A85 A86 A87 A88 A89 A90 A91 A92 A93 A94 A95 A96 A97 A98 A99 A100
 MD B2 L MD B3 L MD B4 L MD B5 L MD B6 L MD B7 L MD B8 L MD B9 L MD B10 L MD B11 L MD B12 L MD B13 L MD B14 L MD B15 L MD B16 L MD B17 L MD B18 L MD B19 L MD B20 L MD B21 L MD B22 L MD B23 L MD B24 L MD B25 L MD B26 L MD B27 L MD B28 L MD B29 L MD B30 L MD B31 L MD B32 L MD B33 L MD B34 L MD B35 L MD B36 L MD B37 L MD B38 L MD B39 L MD B40 L MD B41 L MD B42 L MD B43 L MD B44 L MD B45 L MD B46 L MD B47 L MD B48 L MD B49 L MD B50 L MD B51 L MD B52 L MD B53 L MD B54 L MD B55 L MD B56 L MD B57 L MD B58 L MD B59 L MD B60 L MD B61 L MD B62 L MD B63 L MD B64 L MD B65 L MD B66 L MD B67 L MD B68 L MD B69 L MD B70 L MD B71 L MD B72 L MD B73 L MD B74 L MD B75 L MD B76 L MD B77 L MD B78 L MD B79 L MD B80 L MD B81 L MD B82 L MD B83 L MD B84 L MD B85 L MD B86 L MD B87 L MD B88 L MD B89 L MD B90 L MD B91 L MD B92 L MD B93 L MD B94 L MD B95 L MD B96 L MD B97 L MD B98 L MD B99 L MD B100 L

UNLESS OTHERWISE SPECIFIED, THE PARTS LISTED IN THIS PART OF THE DRAWING SHALL BE THE STANDARD PARTS LISTED IN THE PARTS LIST OF THE DRAWING. THE PARTS LISTED IN THIS PART OF THE DRAWING SHALL BE THE STANDARD PARTS LISTED IN THE PARTS LIST OF THE DRAWING.



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QTY	DESCRIPTION	PART NO.	REV.
	MEM. EXT.		
	TIME SHARE CONT.		

DATE	BY	CHKD	APP'D	TITLE
10/1/68	J. L. ...			MEM. EXT. TIME SHARE CONT.

FORM	SCALE	SHEET	TOTAL
1	AS SHOWN	3	3

PARTS LIST MB-7-CO

MASTER DRAWING LIST

NO.	TITLE	UNIT VARIATIONS													
KM8-E	MAINTENANCE MANUALS														
	KM8-E MEM EXT & TIME SHARE CONTROL														

USED ON OPTIONS															
PDP8-E															
PDP 8/M															

REVISIONS													
APPD.	CHG. NO.	DATE	REV.	BY	DESCRIPTION	DATE	CHKD.	DATE	DRN.	TITLE	SIZE CODE	NUMBER	REV.
A	3/23/71	0001	R.M.						L.SAYLOR	MEM EXT & TIME SHARE CONTROL	A ML	KM8-E	E
B	6/71	KM8E-2	R.M.						R.MADDEN				
C	7/71	MISC-86	A.V.						R.VOGELSSANG				
D	7/71	KM8E-3							K.GULLICK				
E	1/72	8E-55							K.GULLICK				

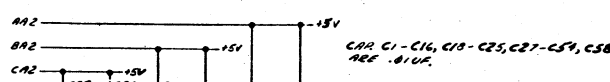
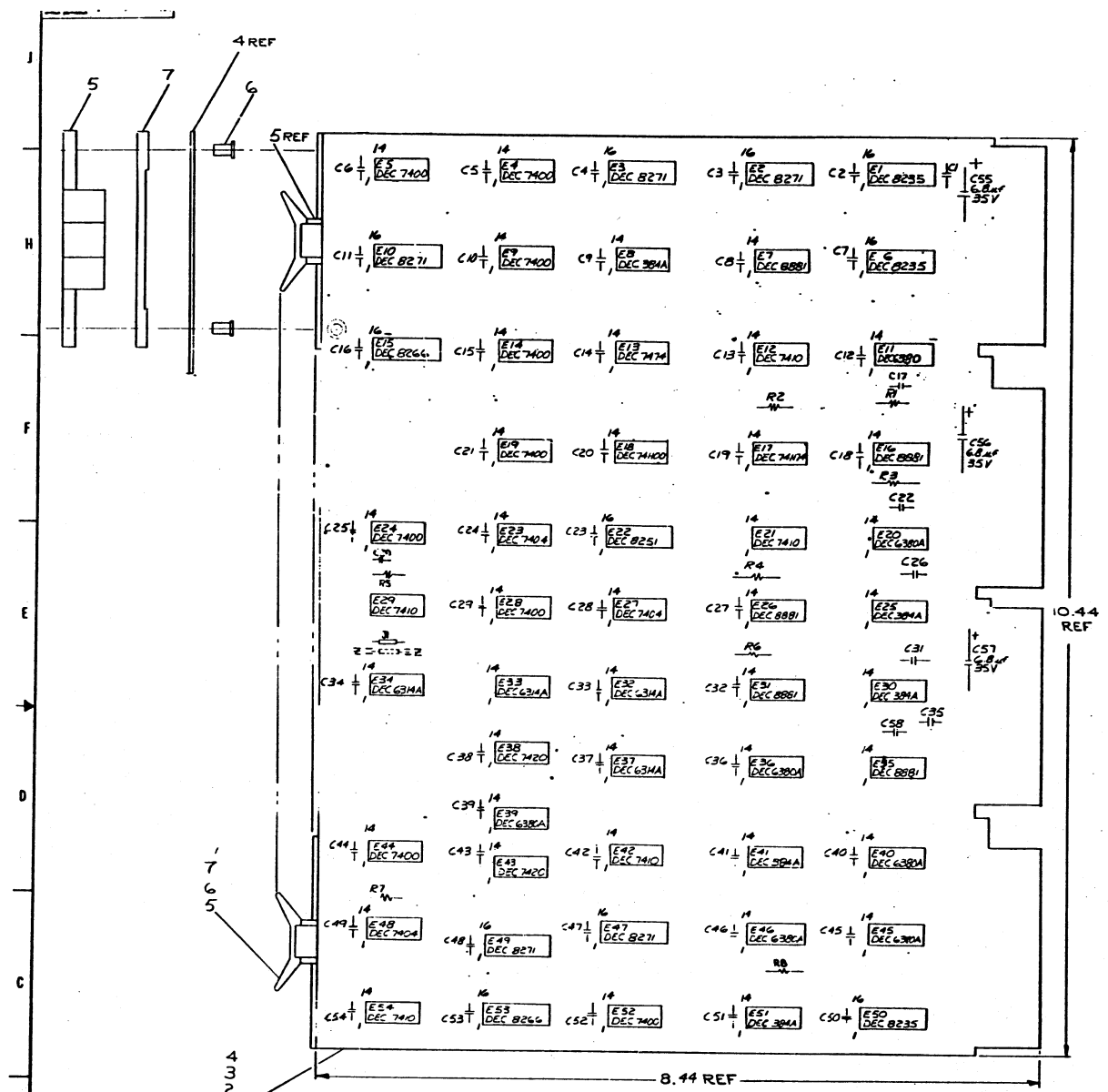
DRA 131

PRINT SET	DWG. NO.	REV. NO. OF LET. SHEETS	TITLE	OPTION NO.
X	E-CS-M837-0-1	# 3	MEM EXT & TIME SHARE CONTROL	
-	A-PL-KM8-E-0	REF 1	MEM EXT & TIME SHARE CONTROL (PL)	
-	A-SP-7665140-0-0	3	KM8E ACCEPTANCE PROCEDURE	
-	A-SP-KM8-E-1	4	MEMORY EXTENSION TEST PROCEDURE	
-	A-SP-KM8-E-2	2	MEMORY EXTENSION SPECIFICATIONS	
-	LKBKIT-8E-KM8E	REF	PROGRAM LIBRARY KIT	

TITLE	MEM EXT & TIME SHARE CONTROL	SHEET	2	OF	2	SIZE CODE	NUMBER	REV.
						A ML	KM8-E	E

DRA 132

NOTES:
 1 UNLESS OTHERWISE NOTED:
 CAPACITORS ARE .0147 100V 20%
 RESISTORS ARE 1K 1/4W 5%



AC2, BC1, BC2, CC1, CC2, DC1,
 DC2, AF1, AF2, BF1, BF2,
 CF1, CF2, DF1, DF2, AN1, AN2,
 BN1, BN2, CN1, CN2, DN1, DN2,
 AT1, AT2, BT1, BT2, CT1, CT2,
 DT1, DT2.

ITEM NO	QTY	FROM PT	TO PT
DEC 314	1	8	
DEC 388	1	8	
DEC 6380	1	8	
DEC 8251	8	16	
DEC 8266	8	16	
DEC 8235	8	16	
DEC 8271	8	16	

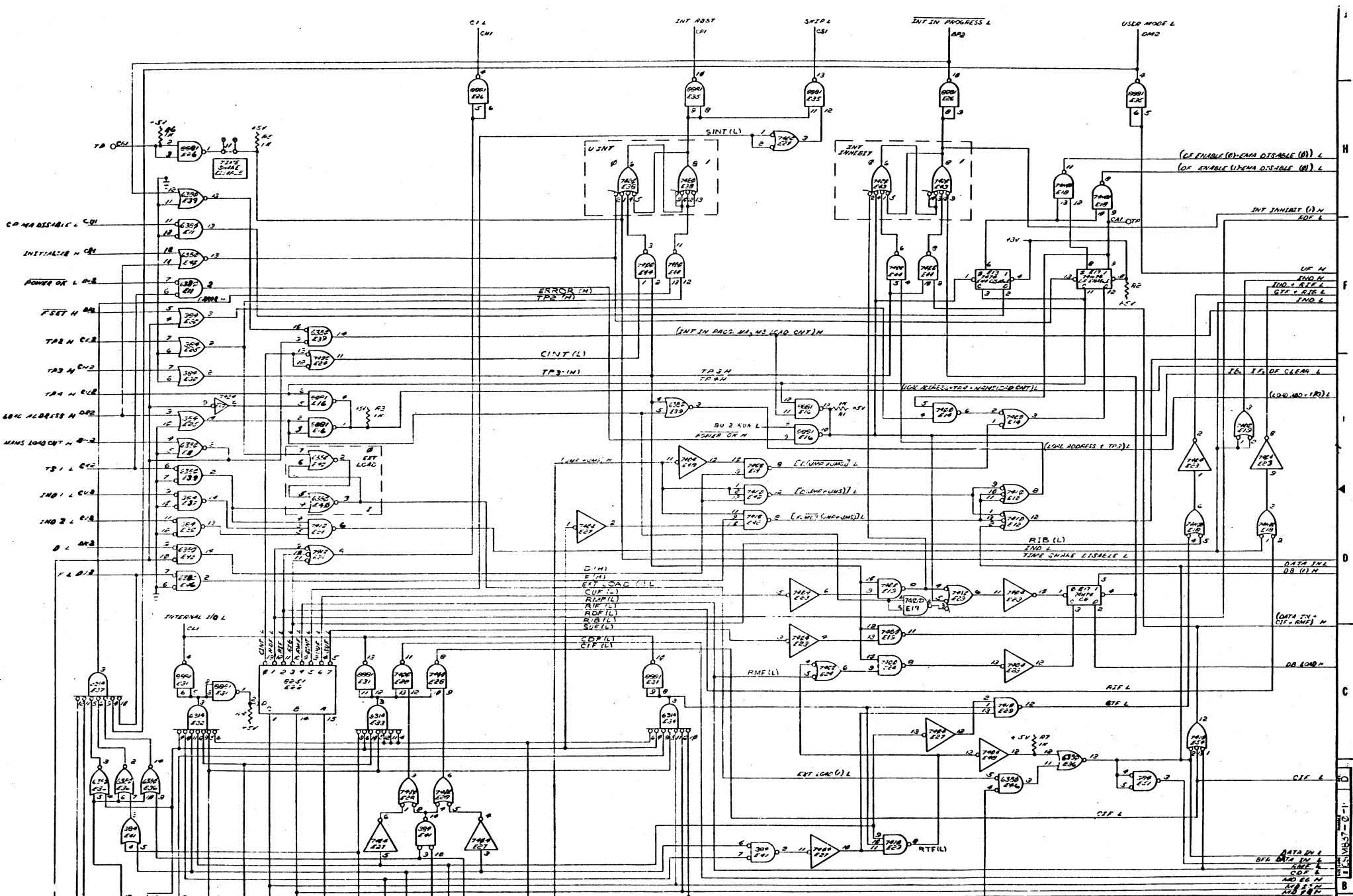
ITEM NO	QTY	DESCRIPTION	FROM PT	TO PT
7	1	IC DEC 6380	1909971	25
8	1	275 STAR IR 1/4W 5%	1500745	24
9	1	CAPACITOR 0.1uF 35V 10%	1001602	24
10	1	CAPACITOR 0.1uF 35V 10%	1005100	24
11	1	IC DEC 7400	1905575	21
12	1	IC DEC 8235	1909705	20
13	1	IC DEC 8271	1909615	19
14	1	IC DEC 8235	1909935	18
15	1	IC DEC 8266	1909739	17
16	1	IC DEC 8235	1909574	16
17	1	IC DEC 74174	1907667	15
18	1	IC DEC 7474	1905547	14
19	1	IC DEC 7410	1905577	13
20	1	IC DEC 7400	1905576	12
21	1	IC DEC 7400	1909686	11
22	1	IC DEC 7400	1909056	10
23	1	IC DEC 304A	1909736	9
24	1	IC DEC 8235	1909732	8
25	1	SPACER/CABLE CLAMP	900704	7
26	1	SPACER/CABLE CLAMP	900704	6
27	1	SPACER/CABLE CLAMP	900704	5
28	1	SPACER/CABLE CLAMP	900704	4
29	1	SPACER/CABLE CLAMP	900704	3
30	1	SPACER/CABLE CLAMP	900704	2
31	1	SPACER/CABLE CLAMP	900704	1

ITEM NO	QTY	DESCRIPTION	FROM PT	TO PT
32	1	ETCHED CIRCUIT BOARD	900704	1
33	1	MODULE HISTORY LIST	900704	1
34	1	ASSY/DRILLING HOLE LAYOUT	900704	1
35	1	XY COORDINATE HOLE LOC	900704	1

MEM EXT & TIME
 SHARE CONTROL

DEC NO	EIA NO	DEC NO	EIA NO
DEC 01	EIA 01	DEC 02	EIA 02
DEC 03	EIA 03	DEC 04	EIA 04
DEC 05	EIA 05	DEC 06	EIA 06
DEC 07	EIA 07	DEC 08	EIA 08
DEC 09	EIA 09	DEC 10	EIA 10
DEC 11	EIA 11	DEC 12	EIA 12
DEC 13	EIA 13	DEC 14	EIA 14
DEC 15	EIA 15	DEC 16	EIA 16
DEC 17	EIA 17	DEC 18	EIA 18
DEC 19	EIA 19	DEC 20	EIA 20
DEC 21	EIA 21	DEC 22	EIA 22
DEC 23	EIA 23	DEC 24	EIA 24
DEC 25	EIA 25	DEC 26	EIA 26
DEC 27	EIA 27	DEC 28	EIA 28
DEC 29	EIA 29	DEC 30	EIA 30
DEC 31	EIA 31	DEC 32	EIA 32
DEC 33	EIA 33	DEC 34	EIA 34
DEC 35	EIA 35	DEC 36	EIA 36
DEC 37	EIA 37	DEC 38	EIA 38
DEC 39	EIA 39	DEC 40	EIA 40
DEC 41	EIA 41	DEC 42	EIA 42
DEC 43	EIA 43	DEC 44	EIA 44
DEC 45	EIA 45	DEC 46	EIA 46
DEC 47	EIA 47	DEC 48	EIA 48
DEC 49	EIA 49	DEC 50	EIA 50

Any change in component values, or in the power supply, or in the wiring, or in the use of any other component, must be approved by the designer.



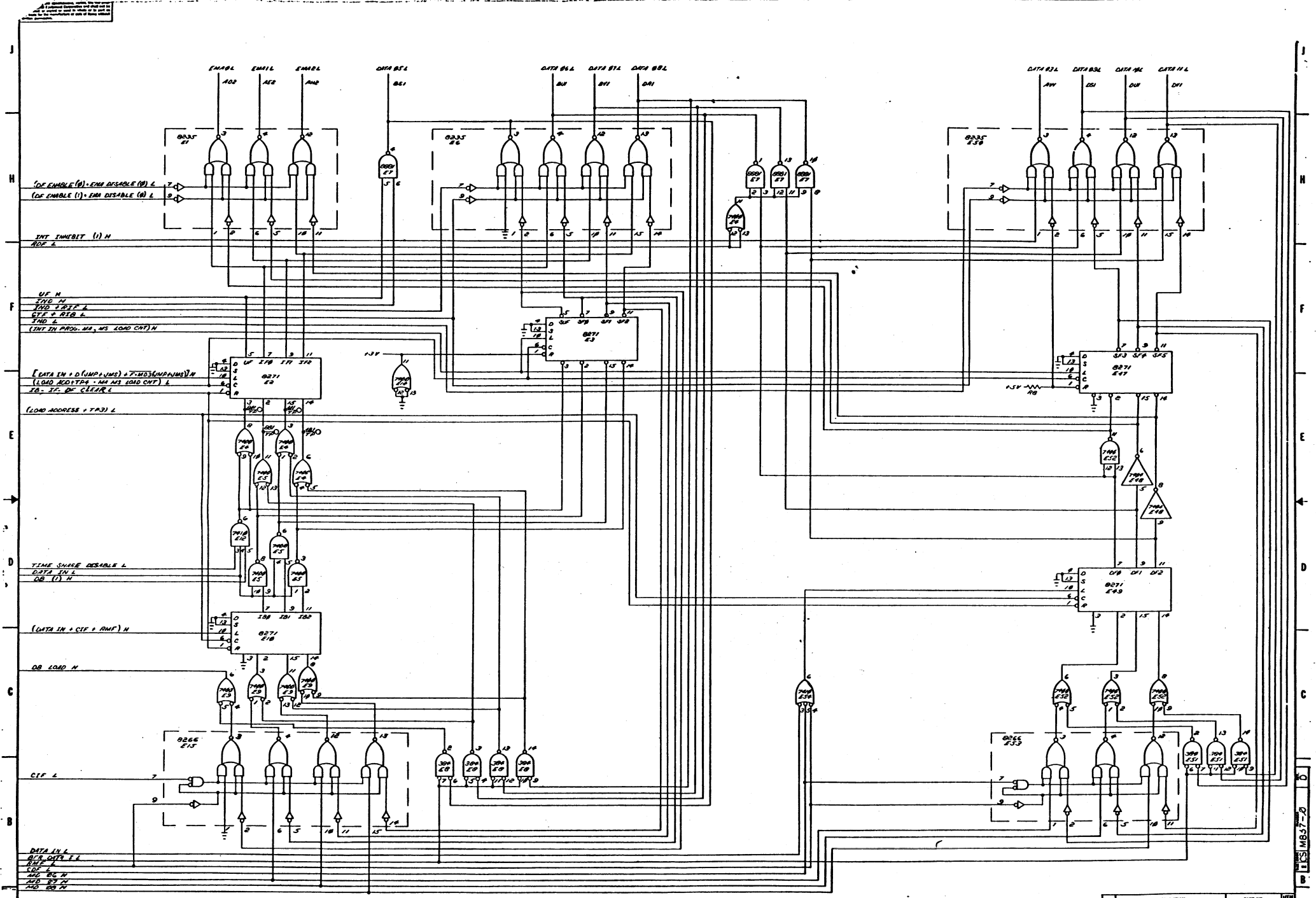
MNEMONIC	OCTAL
CINT	G204
RDF	G214
RIF	G224
RIB	G234
RMF	G244
SINT	G254
CUF	G264
SUF	G274
CDF	G284
CIF	G294
CDI	G304

MNEMONIC	OCTAL
RTF	G004
RTF	G005

KEY CONTROL (L)

CITY:	DESCRIPTION:	PAGE NO:	TOTAL PAGES:
UNLESS OTHERWISE SPECIFIED:	ELECTRONIC EQUIPMENT CORPORATION		
TOLERANCES:	RESISTORS: 1% AND 5% UNLESS OTHERWISE SPECIFIED		
WELDED SURFACES:	SOLDER SHALL BE USED		
CHECKED:	DATE:		
DESIGNED BY:	TITLE: MEM. EXT. TIME SHARE CONT.		
SCALE:	REV: MS-7-2-1		
DRAWN BY:	ISSUE NO: 1		
DATE:	MATERIALS:		
FINISH:	SCALE 1/2"		
	SHEET NO: 2		

100-11537-0-11



ICCS MB37-2

QTY	DESCRIPTION	PART NO.	REV.
EQUIPMENT CORPORATION			
MEM. EXT. & TIME SHARE CONT.			
<small>UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES TOLERANCES UNLESS SPECIFIED AS SHOWN ON DRAWING ALL DIMENSIONS TO CENTER UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS TO CENTER UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS TO CENTER UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS TO CENTER UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS TO CENTER UNLESS OTHERWISE SPECIFIED</small>		<small>PART NO.</small> EICS MB37-B-1	<small>REV.</small> D
<small>FINISH</small> + +	<small>SCALE</small> NONE	<small>DATE</small>	<small>BY</small>