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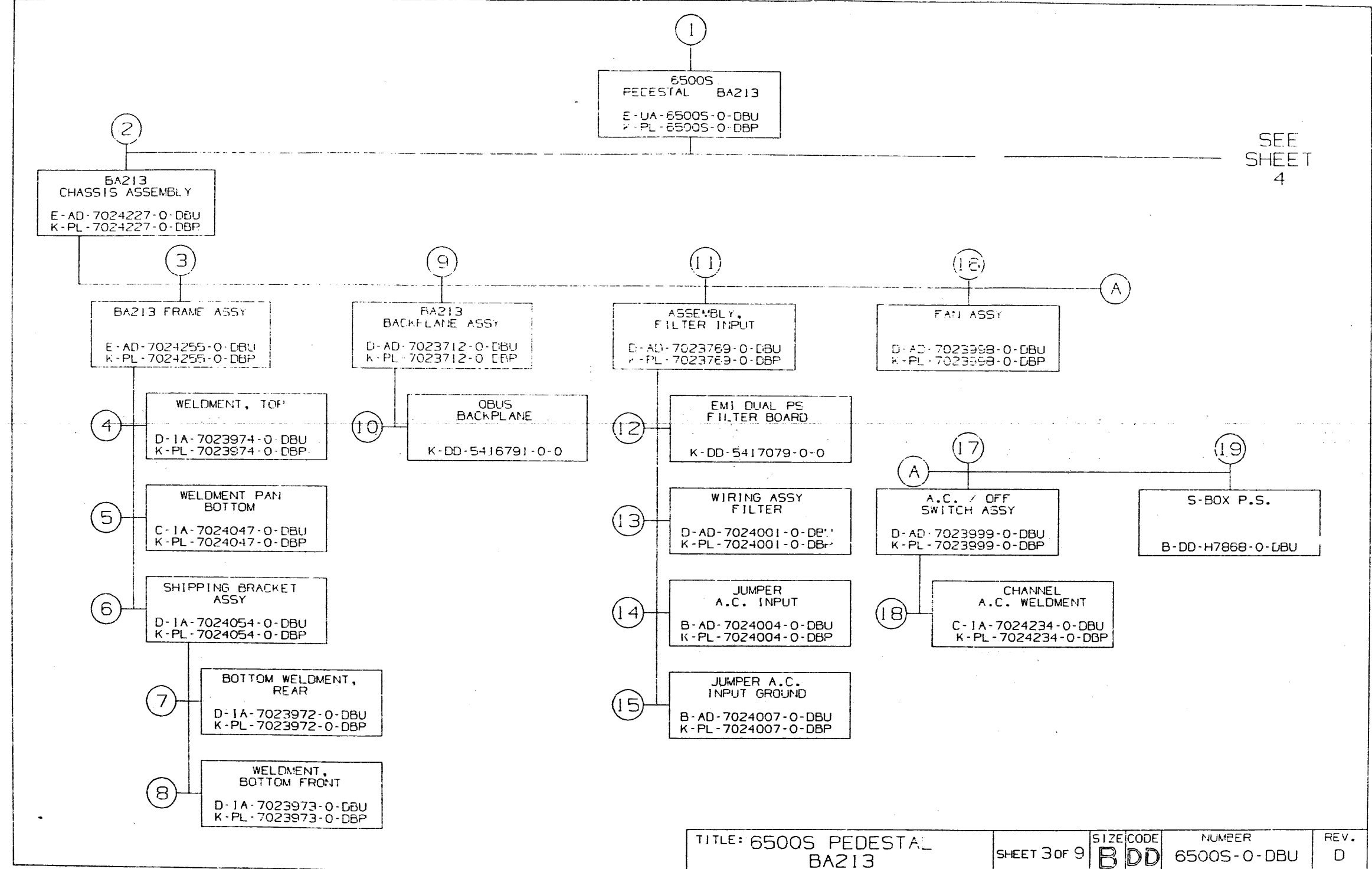
UNIT VARIATIONS
COVERED BY THIS
PRINT SET

6500S-A2
6500S-A3
6500S-B2
6500S-B3
6500S-C2
6500S-C3
6500S-D2
6500S-D3
6500S-E2
6500S-E3
6500S-F2
6500S-F3
6500S-H2
6500S-H3
6500S-J2
6500S-J3
6500S-K2
6500S-K3

PRINT SET PART
NUMBER MP-02538-01
REV C1

FILE NAME: TC-65005-0-DBUC

REVISION HISTORY				DRN.	DATE	TITLE			SIZE	CODE	NUMBER	REV.
DATE	ECC NUMBER	INITIAL	REV.	JEFF CORMIER	17-APR-87	6500S PEDESTAL BA213			B	TC	6500S-0-DBU	C
	A	B	C									
				CHK'D	D. HEALY	DATE	24-AUG-87					
				DES. ENG.	G. LIDINGTON	DATE	24-AUG-87					
				RESP. ENG.	G. LIDINGTON	DATE	24-AUG-87					
				FIELD SERVICE	W. ANDREWS	DATE	24-AUG-87					
				TOP DOC.	B-DD-6500S-0-DBU			SHEET 1 OF 1				



CONT
SHEET
3

20

H3600 BULKHEAD
MODULE ASSY
D-UA-7023988-0-DBU
K-PL-7023988-0-DBP

21

BULKHEAD FRONT
DUAL ASSY
D-AD-7023982-0-DBU
K-PL-7023982-0-DBP

22

H3600 CONSOLE
SLU MODULE
K-DD-5417016-0-0

21

BULKHEAD FRONT
DUAL ASSY
D-AD-7023982-0-DBU
K-PL-7023982-0-DBP

23

BIZ ACCESSORIES
KIT
K-PL-7024316-0-DBP

24

BASE ASSY
D-AD-7024046-0-DBU
K-PL-7024046-0-DBP

SEE
SHEET
5

TITLE: 6500S PEDESTAL
BA213

SHEET 4 OF 9

SIZE CODE
B DD

NUMBER
6500S-0-DBU

REV.
D

MLO1

CONT
SHEET
4

(25)

SHELL ENCLOSURE
ASSY
E-AD-7024037-0-DBU
K-PL-7024037-0-DBP

(26)

PANEL ASSY,
FRONT
E-AD-7024041-0-DBU
K-PL-7024041-0-DBP

(27)

KA650
B-DD-M7620-0-0

(28)

PKG CPU BA223
A-PA-3700505-0-0
K-PL-3700905-0-DBP

(29)

BA213
WALLMOUNT KIT
K-PL-BA213-W-DBP

(B)

(30)

WALLMOUNT
HARDWARE
F-PL-7024263-0-DBP

(31)

PKG BRACKET
BA213 WALL MT KIT
A-PA-3700954-0-0
K-PL-3700954-0-DBP

(B)

(32)

BA213
RACKMOUNT KIT
K-PL-BA213-R-DBP

(33)

BULKHEAD
FRONT ASSY
D-AD-7023981-0-DBU
K-PL-7023981-0-DBP

(34)

PANEL
GAP FILLER ASSY
C-AD-7024071-0-DBU
K-PL-7024071-0-DBP

(35)

8 MB ECC MOS MEMORY
B-DD-MS650-AA

(30)

RACKMOUNT
HARDWARE
K-PL-7024263-0-DBP

(31)

PKG BRACKET
BA213 RACK MT KIT
A-PA-3700954-0-0
K-PL-3700954-0-DBP

TITLE: 6500S PEDESTAL
BA213

SHEET 5 OF 9

SIZE CODE
B DD

NUMBER
6500S-0-DBU

REV.
D

ML01

FIND NO.	DRAWING NO.	DESCRIPTION	TYPE	FIND NO.	DRAWING NO.	DESCRIPTION	TYPE
	K-PL-7023973-0-DBP	WELDMENT, BOTTOM FRONT (PL)	M				
	C-MD-7433961-0-DBU	WIREFORM, BOTTOM FRONT	M				
	B-MD-7433577-0-DBU	BRACKET, SHIPPING, BOTTOM	M				
9	D-AD-7023712-0-DBU	BA213 BACKPLANE ASSY	E/M	16	D-AD-7023998-0-DBU	FAN ASSEMBLY	M
	K-PL-7023712-0-DBP	BA213 BACKPLANE ASSY (PL)	E/M		K-PL-7023998-0-DBP	FAN ASSEMBLY (PL)	M
	D-1A-7433566-0-DBU	PANEL, BACKPLANE SUPPORT	M		D-MD-7433565-0-DBU	BRACKET, FAN	M
	K-PL-7433566-0-DBP	PANEL, BACKPLANE SUPPORT (PL)	M				
	C-MD-7433980-0-DBU	INSULATOR, BACKPLANE	M	17	D-AD-7023999-0-DBU	A.C./OFF SWITCH ASSY	E/M
					K-PL-7023999-0-DBP	A.C./OFF SWITCH ASSY (PL)	E/M
					C-MD-7433966-0-DBU	BOX, SWITCH	M
					A-PS-1701469-0-0	WIRE HARNESS ASSY	E/M
10	K-DD-5416791-0-0	OBUS BACKPLANE	E/M				
				18	C-1A-7024234-0-DBU	CHANNEL WELDMENT, A/C	M
					K-PL-7024234-0-DBP	CHANNEL WELDMENT, A/C (PL)	M
11	D-AD-7023769-0-DBU	ASSY, FILTER INPUT	E/M		D-MD-7433975-0-DBU	CHANNEL, A/C RIGHT	M
	K-PL-7023769-0-DBP	ASSY, FILTER INPUT (PL)	E/M		D-1A-7433963-0-DBU	COVER, A/C RIGHT	M
	E-1A-7433962-0-DBU	SUPPORT, AC FILTER	M		K-PL-7433963-0-DBP	COVER, A/C RIGHT (PL)	M
	K-PL-7433962-0-DBP	SUPPORT, AC FILTER (PL)	M				
				19	B-DD-H7868-0-DBU	S-BOX PS	E/M
12	K-DD-5417179-0-0	EMI DUAL PS FILTER BOARD	E/M				
				20	D-UA-7023988-0-DBU	H3600 BULKHEAD MODULE ASSY	E/M
13	D-1A-7024001-0-DBU	WIRING ASSEMBLY, FILTER	E/M		K-PL-7023988-0-DBP	H3600 BULKHEAD MODULE ASSY (PL)	E/M
	K-PL-7024001-0-DBP	WIRING ASSEMBLY, FILTER (PL)	E/M		C-MD-7433477-0-DBU	HOLDER, BATTERY PACK	M
					A-PS-3626584-0-0	LABEL, BAUD SELECT H3600	M
					A-PS-3623593-0-0	LABEL, BLANK, PAPER, PIN FEED	M
14	D-1A-7024004-0-DBU	JUMPER, A/C INPUT	E/M				
	K-PL-7024004-0-DBP	JUMPER, A/C INPUT (PL)	E/M	21	D-AD-7023982-0-DBU	BULKHEAD FRONT DUAL ASSY	M
					K-PL-7023982-0-DBP	BULKHEAD FRONT DUAL ASSY (PL)	M
					E-1A-7433637-0-DBU	BULKHEAD, FRONT, DUAL	M
					K-PL-7433637-0-DBP	BULKHEAD, FRONT, DUAL	M
15	B-1A-7024007-0-DBU	JUMPER, A/C INPUT, GROUND	E/M				
	K-PL-7024007-0-DBP	JUMPER, A/C INPUT, GROUND (PL)	E/M				
TYPE: E ELECTRICAL M MECHANICAL E/M ELECTRO/MECHANICAL				TITLE: 6500S PEDESTAL BA213			
				SHEET 7 OF 9		SIZE CODE BDD	NUMBER 6500S-0-DBU
						REV.	D

DRB 108A

MLO1

FIND NO.	DRAWING NO.	DESCRIPTION	TYPE	FIND NO.	DRAWING NO.	DESCRIPTION	TYPE				
					C-MD-7434062-0-DBU	CHANNEL (FRONT PANEL)	M				
					C-MD-7434066-0-DBU	SPRING, CHANNEL	M				
22	K-DD-5417016-0-0	43500 CONSOLE SLU MODULE	E/M		C-MD-7434123-0-DBU	BRACKET, T	M				
					C-MD-7434124-0-DBU	BRACKET, L OM	M				
					D-MD-7434065-0-DBU	LATCH, SLIDE	M				
					D-MD-7434063-0-DBU	TUMBLER	M				
					D-MD-7434064-0-DBU	LATCH, PULL	M				
23	K-PL-7024316-0-DBP	BIZ ACCESSORIES KIT (PL)	E/M		C-MD-7434363-0-DBU	STOP, DOOR POSITION	M				
	A-PS-1700811-0-0	CABLE ASSY, 6 COND, OVAL	E/M		C-MD-7434426-0-DBU	LOGO, BA213	M				
	A-PS-3627923-0-0	LABEL, S-BOX	M								
				27	B-DD-M7E20-0-0	KAE50	E/M				
24	D-AD-7024046-0-DBU	BASE ASSEMBLY	M								
	K-PL-7024046-0-DBP	BASE ASSEMBLY (PL)	M								
	E-1A-7433650-0-DBU	BASE, LOWER	M								
	K-PL-7433650-0-DBP	BASE, LOWER (PL)	M								
	B-MD-7434068-0-DBU	WHEEL, BASE	M	28	A-PA-3700906-0-0	PKG CPU BA223	M				
	B-MD-7434069-0-DBU	SHAFT, WHEEL	M		K-PL-3700906-0-DBP	PKG CPU BA223 (PL)	M				
	C-MD-7423357-0-DBU	KEY, BUTTON	M								
	C-MD-7434846-0-DBU	SUPPORT, LABEL	M								
				29	K-PL-BA213-W-DBP	BA213 WALLMOUNT KIT (PL)	M				
25	E-AD-7024037-0-DBU	SHELL ENCLOSURE ASSY	M								
	K-PL-7024037-0-DBP	SHELL ENCLOSURE ASSY (PL)	M								
	E-MD-7433646-0-DBU	COVER, TOP	M								
	E-1A-7433694-0-DBU	PANEL, SIDE, LEFT	M	30	K-PL-7024263-0-DBP	BA213 MOUNTING HARDWARE (PL)	M				
	K-PL-7433694-0-DBP	PANEL, SIDE, LEFT (PL)	M		D-MD-7434432-0-DBU	BRACKET, WALL MOUNT	M				
	E-1A-7433647-0-DBU	PANEL, SIDE	M								
	K-PL-7433647-0-DBP	PANEL, SIDE (PL)	M								
	E-1A-7433651-0-DBU	PANEL, REAR	M								
	K-PL-7433651-0-DBP	PANEL, REAR (PL)	M								
	C-MD-7434126-0-DBU	BRACKET, CORNER	M	31	A-PA-3700954-0-0	PKG BRACKET, BA213 MOUNTING KIT	M				
	C-MD-7434125-0-DBU	BRACKET, SIDE	M		K-PL-3700954-0-DBP	PKG BRACKET, BA213 MOUNTING KIT (PL)	M				
	C-MD-7423357-0-DBU	KEY BUTTON	M								
	B-MD-7434424-0-DBU	SLEEVE	M								
				32	K-PL-BA213-R-DBP	BA213 RACKMOUNT KIT (PL)	M				
26	E-AD-7024041-0-DBU	PANEL ASSY, FRONT	M								
	K-PL-7024041-0-DBP	PANEL ASSY, FRONT (PL)	M								
	E-MD-7433648-0-DBU	PANEL, FRONT	M	33	D-AD-7023981-0-DBU	BULKHEAD FRONT ASSY	M				
	E-MD-7434067-0-DBU	BEZEL, SWITCH	M		K-PL-7023981-0-DBP	BULKHEAD FRONT ASSY (PL)	M				
	E-MD-7434061-0-DBU	DOOR	M		E-MD-7433635-0-DBU	BULKHEAD FRONT	M				
TYPE: E ELECTRICAL M MECHANICAL E/M ELECTRO/MECHANICAL				TITLE: 6500S PEDESTAL BA213				SHEET 8 OF 9	SIZE CODE BDD	NUMBER 6500S-0-DBU	REV. D

DRB 108A

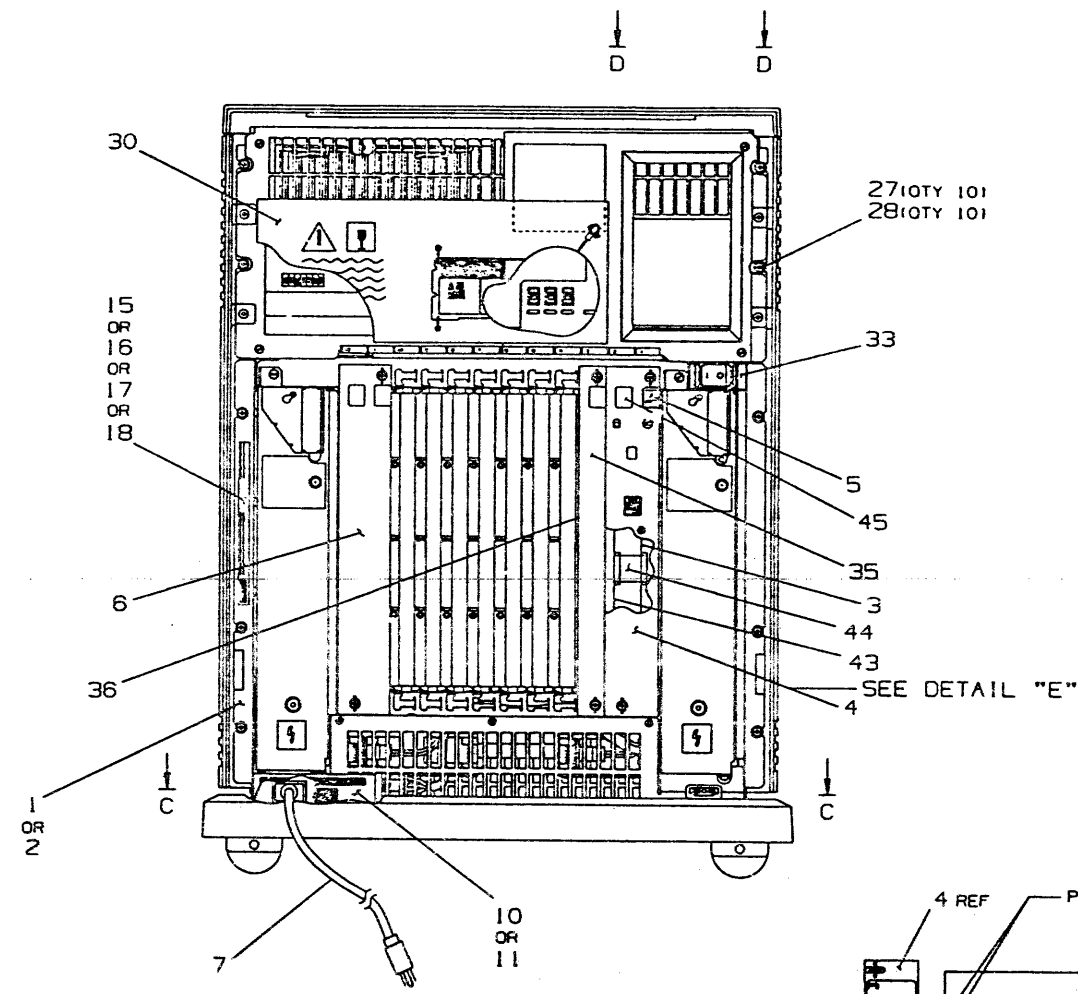
MLOJ

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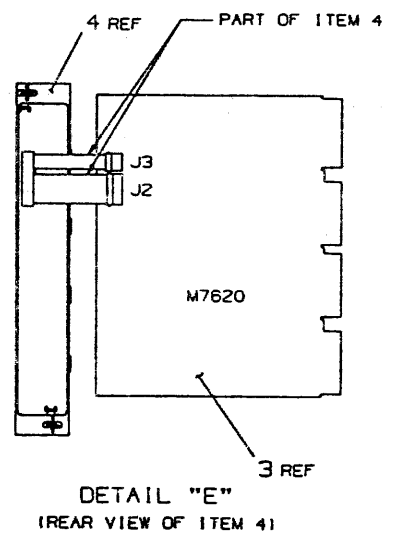
65005-0-0005 (V1) 3

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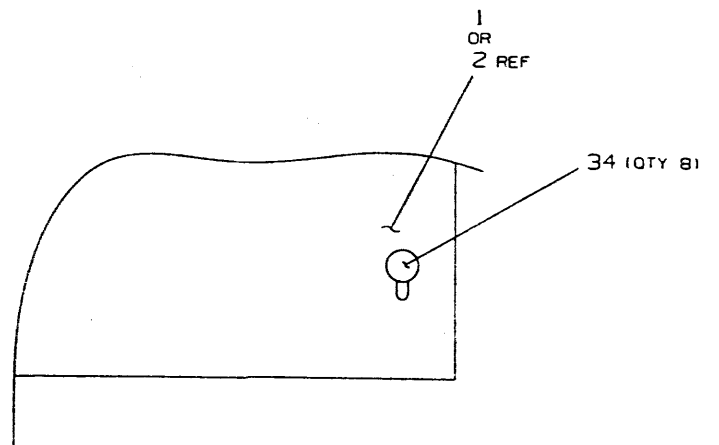
1. ITEMS 12,15,16,17,18 ARE FOR MFG USE ONLY.



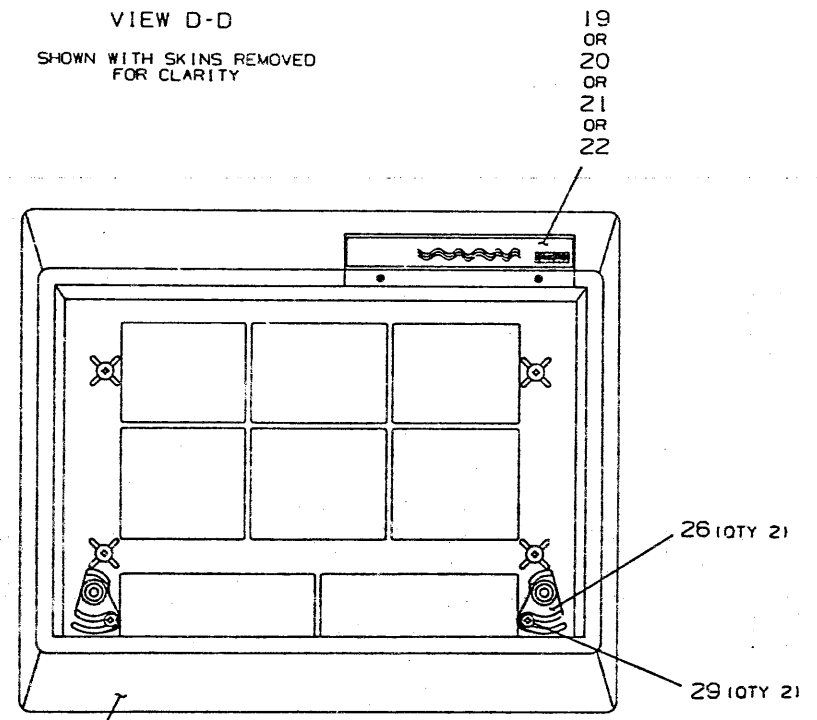
VIEW B-B
SHOWN WITH FRONT PANEL
(ITEM 25) REMOVED



DETAIL "E"
(REAR VIEW OF ITEM 4)



VIEW D-D
SHOWN WITH SKINS REMOVED
FOR CLARITY



VIEW C-C
SHOWING ONLY BASE ASSY (ITEM 23)
AND RELATED ITEMS

PLOT AT .5000

REVISION HISTORY		
DATE	REV	DESCRIPTION

TITLE
65005 PEDESTAL
BA213

DOCUMENT NUMBER	
65005-0-0005	3
SCALE	1/2" = 1'-0"
SHEET	2 OF 2

ML01

P A R T S L I S T

SHEET A1 OF A2

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	A2	A3	B2	B3	C2	C3	D2	D3	E2	E3
						A1	A1	A1	A1	A1	A1	A1	A1	A1	A1
1		E-AD-7024227-0-DBU	70-24227-03		BA213 BOX, 2 PS-120V, 12 SLOT BIZ	1	-	1	-	1	-	1	-	1	-
2		E-AD-7024227-0-DBU	70-24227-04		BA213 BOX, 2 PS-240V, 12 SLOT BIZ	-	1	-	1	-	1	-	1	-	1
3		E-DB-N7620-0-0	N7620-AA		CVAY 90NS CPU MOD, 2 LEVEL 64KB CAC	1	1	-	1	-	1	-	1	-	1
4		D-UA-7023988-0-DBU	70-23988-01		H3600 BULKHEAD MODULE ASSY	1	1	1	1	1	1	1	1	1	1
5		A-PS-3626883-0-0	36-26883-44		LABEL, MODULE NUMBER N7620-AA	1	1	1	1	1	1	1	1	1	1
6		D-AD-7023982-0-DBU	70-23982-02		BULKHEAD FRONT DUAL ASSY	1	1	1	1	1	1	1	1	1	1
7		SEE NOTE 1	17-00083-43		PWR CORD, TERM 16-36 FT 120V	1	-	1	-	1	-	1	-	1	-
8		K-PL-7024316-0-DBU	70-24316-01		BIZ ACCESSORIES KIT 1W 0 SKINS	1	-	-	-	1	-	1	-	1	-
9		K-PL-7024316-0-DBU	70-24316-02		BIZ ACCESSORIES	-	-	1	-	-	-	-	-	-	-
10		A-PS-3617905-0-0	36-17905-16		LABEL, WARNING EQUIP. RATING, 100-12	1	-	1	-	1	-	1	-	1	-
11		A-PS-3617905-0-0	36-17905-17		LABEL, WARNING EQUIP. RATING, 220-24	-	1	-	1	-	1	-	1	-	1
12		A-PS-3618460-0-0	36-18460-06		LABEL, BAR CODE BLANK .50 X 4.0	4	4	4	4	4	4	4	4	4	4
13		A-PA-3700906-0-0	37-00906-02		PKG CPU BA223 (PAL)	-	-	1	1	-	-	-	-	-	-
14		A-PA-3700906-0-0	37-00906-04		PALLETIZED	1	1	-	-	1	1	1	1	1	1
15		SEE NOTE 2	36-27329-01		LABEL, SERIAL/MODEL 100V	A/R	-	A/R	-	A/R	-	A/R	-	A/R	-
16		SEE NOTE 3	36-27329-02		LABEL, SERIAL/MODEL 100V	A/R	-	A/R	-	A/R	-	A/R	-	A/R	-
17		SEE NOTE 2	36-27329-03		LABEL, SERIAL/MODEL 220V	-	A/R	-	A/R	-	A/R	-	A/R	-	A/R
18		SEE NOTE 3	36-27329-04		LABEL, SERIAL/MODEL 220V	-	A/R	-	A/R	-	A/R	-	A/R	-	A/R
19		SEE NOTE 2	36-27338-01		LABEL, PEDESTAL 11/83 USA, 100V	-	-	A/R	-	A/R	-	A/R	-	A/R	-
20		SEE NOTE 3	36-27338-04		LABEL, PEDESTAL 11/83 UK, 100V	-	-	A/R	-	A/R	-	A/R	-	A/R	-
21		SEE NOTE 2	36-27338-02		LABEL, PEDESTAL 6500S USA, 220V	-	-	-	A/R	-	A/R	-	A/R	-	A/R
22		SEE NOTE 3	36-27338-03		LABEL, PEDESTAL 6500S UK, 220V	-	-	-	A/R	-	A/R	-	A/R	-	A/R
23		D-AD-7024046-0-DBU	70-24046-01		BASE ASSY	-	-	-	A/R	-	A/R	-	A/R	-	A/R
24		E-AD-7024037-0-DBU	70-24037-01		SHELL ENCLOSURE ASSY	-	-	1	1	-	-	-	-	-	-
25		E-AD-7024041-0-DBU	70-24041-01		PANEL ASSY, FRONT	-	-	1	1	-	-	-	-	-	-
26		D-MD-7433854-0-DBU	74-33854-01		FASTENER, TURN	-	-	1	1	-	-	-	-	-	-
27			90-06661-00		WASHER, FLAT SST	-	-	2	2	-	-	-	-	-	-
28			90-09800-08		SCREW, THD RL, PAN PHIL F/PLAS	-	-	10	10	-	-	-	-	-	-
29			90-09282-00		SCREW, SEMS PAN PHIL	-	-	10	10	-	-	-	-	-	-
30		A-PS-3627924-0-0	36-27924-01		LABEL, CAUTION S-BOX SHIPPING	1	1	1	1	1	1	1	1	1	1

REVISION HISTORY		KPL MATRIX FORMAT: SECTION A OF B		DRN: JEFF CORMIER	
ENG:	ECO NUMBER	REV	SECTION/VARIATION INDEX	DATE: 14-JAN-87	D I G I T A L
---	INITIAL	A	(A) A2, A3, B2, B3, C2, C3, D2, D3, E2, E3	CHK'D: D. HEALY	TITLE PARTS LIST
GL	6500S-CTS001	B	(B) F2, F3, H2, H3, J2, J3, K2, K3	DATE: 18-SEP-87	6500S PEDESTAL
RE	6500S-CTS002	C	(C)	DES. ENG: G. LIDINGTON	BA213
			(D)	DATE: 18-SEP-87	DOCUMENT NUMBER
			(E)	RESP. ENG: G. LIDINGTON	SIZE: CODE: NUMBER
			(F)	DATE: 18-SEP-87	K PL 6500S-0-DBP C
			(H)	MFG. ENG: M. MAI	RELEASE DATE: 01-JUN-88
			(J)	DATE: 18-SEP-87	RELEASE STATUS: RELEASED
BASIC PART NUMBER: 6500S			ASSEMBLY NUMBER: E-UA-6500S-0-DBU	TOP DOCUMENT NUMBER: E-DB-6500S-0-DBU	
FILE NAME: MLA1838C.PLS			EDIT # 3		

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P A R T S L I S T

SHEET A2 OF A2

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QUANTITY PER VARIATION/REVISION									
						A2 A1	A3 A1	B2 A1	B3 A1	C2 A1	C3 A1	D2 A1	D3 A1	E2 A1	E3 A1
31	31	K-PL-BA213-R-DEP	BA213-RA		BA213 LARGE S-BOX BACKMOUNT KIT	-	-	-	-	1	1	-	-	-	-
32	32	K-PL-BA213-W-DEP	BA213-WA		BA213 LARGE S-BOX WALL MOUNT KIT	-	-	-	-	-	-	1	1	-	-
33	33	C-MD-7435417-0-DEU	74-35417-01		FRAME, SWITCH	-	-	-	1	-	-	-	-	-	-
34	34		90-07064-00		PLUG, BUTTON 0.375HOLE 1010STEEL	8	8	-	-	8	8	8	8	8	8
35	35	D-AD-7023981-0-DEU	70-23981-01		BULKHEAD FRONT ASSY	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R
36	36	C-AD-7024071-0-DEU	70-24071-01		PANEL, GAP FILLER ASSY	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R
37	37	B-DD-M7620-0-0	M7620-BA		M7620-AA W/MOD ROM CODE FOR SINGLE	-	-	-	-	-	-	-	-	1	1
38	38	A-PS-3626883-0-0	36-26883-86		LABEL, MODULE NUMBER M7620-BA	-	-	-	-	-	-	-	-	1	1
39	39	A-PS-3627354-0-0	36-27354-12		LABEL, LOGO/MODEL, 6500S MICROVAX 35	-	-	-	-	1	1	1	1	-	-
40	40	A-PS-3627354-0-0	36-27354-14		LABEL, LOGO/MODEL, 6500S VAXSERVER 3	-	-	-	-	-	-	-	-	-	-
41	41	K-PL-7024316-0-DEP	70-24316-03		BIZ ACCESSORY KIT (W/O SHINE) 240V	-	1	-	-	-	1	-	1	-	-
42	42	K-PL-7024316-0-DEP	70-24316-04		BIZ ACCESSORY KIT (W/O SHINE) 240V	-	-	-	1	-	-	-	-	-	1
43	43	B-DD-NS650-AA	NS650-AA		8MB RAM MEMORY ARRAY FOR KA650 (M7	-	-	-	-	-	-	-	-	-	-
44	44	A-PS-1701898-0-0	17-01898-01		CABLE ASSY, 50 COND, FLAT, 50' (2x25) RE	-	-	-	-	-	-	-	-	-	-
45	45	A-PS-3626883-0-0	36-26883-42		LABEL, MODULE NUMBER M7621-A,	-	-	-	-	-	-	-	-	-	-
46	46	C-MD-7434425-0-DEU	74-34425-07		NAMERPLATE, MICROVAX 3500	-	-	-	-	-	-	-	-	-	-
47	47	B-DD-6500S-0-DEU	6500S-B2		KA650-AA, BA213, BA213-PA SPINE, 120V	-	-	-	-	-	-	-	-	-	-
48	48	B-DD-6500S-0-DEU	6500S-B3		KA650-AA, BA213, BA213-PA SPINE, 240V	-	-	-	-	-	-	-	-	-	-

- 1 GEN: 1. PLACE INSIDE ACCESSORY KIT (ITEM 8 OR 9) AT PACKAGING.
2 GEN: 2. USE THIS LABEL WHEN MFG IN USA.
3 GEN: 3. USE THIS LABEL WHEN MFG IN UK.

D	I	G	I	T	A	L	TITLE	SECTION A OF B	SIZE	CODE	DOCUMENT NUMBER	REV
							6500S PEDESTAL BA213		K	PL	6500S-0-DEP	C

AUTOMATED BY VAKPL (V2.0)

P A R T S L I S T

SHEET B1 OF E2

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QUANTITY PER VARIATION/REVISION							
						F2 A1	F3 A1	H2 A1	H3 A1	J2 A1	J3 A1	K2 A1	K3 A1
1	1	E-AD-7024227-0-DBU	70-24227-03		BA213 BOX, 2 PS-120V, 12 SLOT BIZ	1	-	1	-	1	-	-	-
2	2	E-AD-7024227-0-DBU	70-24227-04		BA213 BOX, 2 PS-240V, 12 SLOT BIZ	-	1	-	1	-	1	-	-
3	3	B-DD-M7620-0-0	M7620-AA		CVAX 90NE CPU MOD, 2 LEVEL 64KB CAC	-	-	-	-	-	-	-	-
4	4	D-UA-7023988-0-DBU	70-23988-01		H3600 BULKHEAD MODULE ASSY	1	1	1	1	1	1	-	-
5	5	A-PS-3626883-0-0	36-26883-44		LABEL, MODULE NUMBER M7620-AA	-	-	-	-	-	-	-	-
6	6	D-AD-7023982-0-DBU	70-23982-02		BULKHEAD FRONT DUAL ASSY	1	1	1	1	1	1	-	-
7	7	SEE NOTE 1	17-00083-43		PWR CORD, TERM 16-35 FT 120V	1	-	1	-	1	-	-	-
8	8	K-PL-7024316-0-DBP	70-24316-01		BIZ ACCESSORIES KIT (W/O SKINS)	-	-	1	-	1	-	-	-
9	9	K-PL-7024316-0-DBP	70-24316-02		BIZ ACCESSORIES	1	-	-	-	-	-	-	-
10	10	A-PS-3617905-0-0	36-17905-16		LABEL, WARNING EQUIP. RATING, 100-12	1	-	1	-	1	-	-	-
11	11	A-PS-3617905-0-0	36-17905-17		LABEL, WARNING EQUIP. RATING, 220-24	-	1	-	1	-	1	-	-
12	12	A-PS-3618460-0-0	36-18460-06		LABEL, BAR CODE BLANK .50 X4.0	4	4	4	4	4	4	-	-
13	13	A-PA-3700906-0-0	37-00906-02		PKG CPU BA223 (PAL)	1	1	-	-	-	-	-	-
14	14	A-PA-3700906-0-0	37-00906-04		PALLETIZED	-	-	1	1	1	1	-	-
15	15	SEE NOTE 2	36-27329-01		LABEL, SERIAL/MODEL 100V	A/R	-	A/R	-	A/R	-	-	-
16	16	SEE NOTE 3	36-27329-02		LABEL, SERIAL/MODEL 100V	A/R	-	A/R	-	A/R	-	-	-
17	17	SEE NOTE 2	36-27329-03		LABEL, SERIAL/MODEL 220V	-	A/R	-	A/R	-	A/R	-	-
18	18	SEE NOTE 3	36-27329-04		LABEL, SERIAL/MODEL 220V	-	A/R	-	A/R	-	A/R	-	-
19	19	SEE NOTE 2	36-27838-01		LABEL, PEDESTAL 11/53 USA, 100V	A/R	-	A/R	-	A/R	-	-	-
20	20	SEE NOTE 3	36-27838-04		LABEL, PEDESTAL 11/53 UK, 100V	A/R	-	A/R	-	A/R	-	-	-
21	21	SEE NOTE 2	36-27838-02		LABEL, PEDESTAL 6500S USA, 220V	-	A/R	-	A/R	-	A/R	-	-
22	22	SEE NOTE 3	36-27838-03		LABEL, PEDESTAL 6500S UK, 220V	-	A/R	-	A/R	-	A/R	-	-
23	23	D-AD-7024046-0-DBU	70-24046-01		BASE ASSY	1	1	-	-	-	-	-	-
24	24	E-AD-7024037-0-DBU	70-24037-01		SHELL ENCLOSURE ASSY	1	1	-	-	-	-	-	-
25	25	E-AD-7024041-0-DBU	70-24041-01		PANEL ASSY, FRONT	1	1	-	-	-	-	-	-
26	26	D-MD-7433854-0-DBU	74-33854-01		FASTENER, TURN	2	2	-	-	-	-	-	-
27	27		90-06661-00		WASHER, FLAT SST	10	10	-	-	-	-	-	-
28	28		90-09800-08		SCREW, THD RL, PAN PHIL F/PLAS	10	10	-	-	-	-	-	-
29	29		90-09282-00		SCREW, SEMS PAN PHIL 10-32	2	2	-	-	-	-	-	-
30	30	A-PS-3627924-0-0	36-27924-01		LABEL, CAUTION S-BOX SHIPPING	1	1	1	1	1	1	-	-

REVISION HISTORY		KPL MATRIX FORMAT		SECTION B OF B1DRN: JEFF CORMIER		D I G I T A L	
ENG:	ECO NUMBER	REV	SECTION/VARIATION INDEX		DATE: 14-JAN-87		
---	INITIAL	A	(A) A2,A3,B2,B3,C2,C3,D2,D3,E2,E3		CHK'D: D. HEALY	TITLE PARTS LIST	
GL	6500S-CTS001	B	(B) F2,F3,H2,H3,J2,J3,K2,K3		DATE: 18-SEP-87	6500S PEDESTAL	
RB	6500S-CTS002	C	(C)		DES.ENG: G. LIDINGTON	BA213	
			(D)		DATE: 18-SEP-87	DOCUMENT NUMBER	
			(E)		RESP.ENG.: G. LIDINGTON	SIZE	CODE
			(F)		DATE: 18-SEP-87	NUMBER	REV
			(H)		MFG.ENG: M. MAI	K	PL
			(J)		DATE: 18-SEP-87	6500S-0-DBP	C
			BASIC PART NUMBER:		ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:
			6500S		E-UA-6500S-0-DBU		6500S-0-DBU
			FILE NAME: MLA1838C.PLS				EDIT #
							3

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P A R T S L I S T

SHEET B2 OF B2

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QUANTITY PER VARIATION/REVISION							
						F2 A1	F3 A1	H2 A1	H3 A1	J2 A1	J3 A1	K2 A1	K3 A1
31	31	K-PL-EA213-R-DBP	EA213-RA		EA213 LARGE 3-BOX BACK MOUNT KIT	-	-	1	-	-	-	-	-
32	32	K-PL-EA213-W-DBP	EA213-WA		EA213 LARGE 3-BOX WALL MOUNT KIT	-	-	-	-	-	-	-	-
33	33	C-MD-7435417-0-DBU	74-35417-01		FRAME, SWITCH	1	1	-	-	1	1	-	-
34	34		90-07064-00		PLUG, BUTTON 0.175 HOLE 301 STEEL	-	-	8	8	8	8	-	-
35	35	D-AD-70239-1-0-DBU	70-23981-01		BULKHEAD FRONT ASSY	A/R	A/R	A/R	A/R	A/R	A/R	-	-
36	36	C-AD-7024071-0-DBU	70-24071-01		PANEL, GAP FILLER ASSY	A/R	A/R	A/R	A/R	A/R	A/R	-	-
37	37	B-DD-M7620-0-0	M7620-BA		M7620-AA W/MOD FOR 1000 FOR SINGLE	1	1	1	1	1	1	-	-
38	38	A-PS-3626883-0-0	36-26883-36		LABEL, MODULE NUMBER M7620-BA	1	1	1	1	1	1	-	-
39	39	A-PS-3627354-0-0	36-27354-12		LABEL, LOGO MODEL 6500S MICROVAX 36	-	-	-	-	-	-	-	-
40	40	A-PS-3627354-0-0	36-27354-14		LABEL, LOGO MODEL 6500S LABELER 36	-	-	-	-	-	-	-	-
41	41	K-PL-7024316-0-DBP	70-24316-03		BIC ACCESSORY KIT W/O SKINS 240V	-	-	-	1	-	1	-	-
42	42	K-PL-7024316-0-DBP	70-24316-04		BIC ACCESSORY KIT W/O SKINS 240V	-	1	-	-	-	-	-	-
43	43	B-DD-NS650-AA	NS650-AA		8MB RAM MEMORY ARRAY FOR KA650 (M7	-	-	-	-	-	-	-	-
44	44	A-PS-1701898-0-0	17-01898-01		CABLE ASSY, 50 COND, FLAT, 50 2x25 RE	-	-	-	-	-	-	-	-
45	45	A-PS-3626883-0-0	36-26883-42		LABEL, MODULE NUMBER M7621-A.	-	-	-	-	-	-	-	-
46	46	C-MD-7434425-0-DBU	74-34425-07		NAMEPLATE, MICROVAX 3500	-	-	-	-	-	-	-	-
47	47	B-DD-6500S-0-DBU	6500S-B2		KA650-AA, EA213, EA213-AA SKINS, 100V	-	-	-	-	-	-	-	-
48	48	B-DD-6500S-0-DBU	6500S-B3		KA650-AA, EA213, EA213-AA SKINS, 240V	-	-	-	-	-	-	-	-

- 1 GEN: 1. PLACE INSIDE ACCESSORY KIT (ITEM 8 OR 9) AT PACKAGING.
 2 GEN: 2. USE THIS LABEL WHEN MFG IN USA.
 3 GEN: 3. USE THIS LABEL WHEN MFG IN UK.

D	I	G	I	T	A	L	TITLE	SECTION B OF B	SIZE	CODE	DOCUMENT NUMBER	REV
							6500S PEDESTAL BA213		K	PL	6500S-0-DBP	C

DRAWING NO.	NO.SHTS	PART NO.	DESCRIPTION	REVISIONS
D-UA-5417016-0-0	2	5417016-01	H3600 CONSOLE-SLU MODULE	A1 B1 B2
K-PL-5417016C-0-DBP	1		H3600 CONSOLE-SLU MODULE	A B C
K-CS-5417016-0-DBX	-		H3600 CONSOLE-SLU MODULE	A B C
K-PC-5417016-0-DBJ	-		H3600 SCHEMATIC DATA BASE	A B B
			H3600 P.C. DESIGN DATA BASE	E E E
		5017015-01	ETCHED CIRCUIT BOARD	E1 E1 E1
K-DD-5017015-0-0	1		DRAWING DIRECTORY	A A A

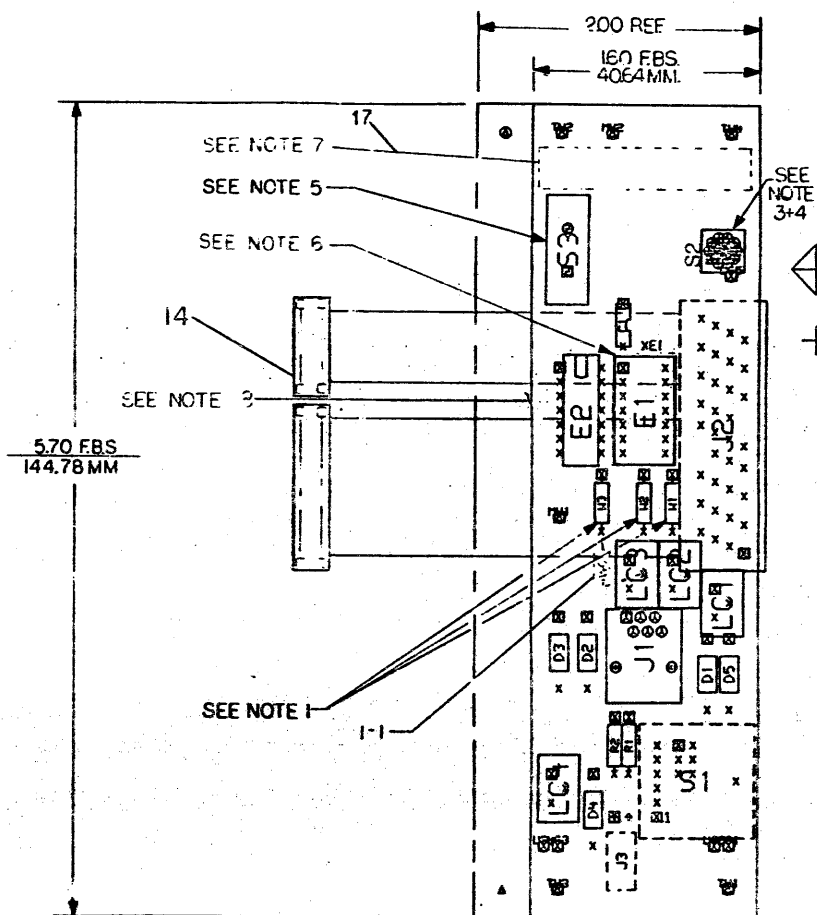
NOTES:	A B C		
	R E V		
	R E V I S I O N		
	E I M M C N L K O I O O T O O N 1 2 O		
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DRN: BLAISE DITOMMASO	DATE: 16-SEP-86	d i g i t a l			
CHK'D: DAVE DROZD	DATE: 16-SEP-86	TITLE H3600 CONSOLE-SLU MODULE			
DES.ENG.: WILL KERCHNER	DATE: 16-SEP-86	SHEET 1 OF 1	EDIT: 1		
RESP.ENG.: WILL KERCHNER	DATE: 16-SEP-86	DOCUMENT NUMBER			
		DD FILENAME: 5417016C.DDF			
MFG.ENG.: F. CULLEN	DATE: 30-SEP-86	SIZE K	CODE DD	NUMBER 5417016-0-0	REV C

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LEGEND	
PART NUMBER	REVISION
54-17016-01	B2



NOTES:

1. M1, M2 ARE NOT INSTALLED.
2. J1, J2 AND J3 ARE MOUNTED ON SIDE 2.
3. POSITION TERMINAL 2 TOWARDS ETCH MARKING "2".
4. ENSURE THAT SWITCH IS CIRCUMFERENTIALLY VERTICAL TO BOARD WHEN SOLDERING.
5. POSITION SWITCH MARKING "O" TOWARDS TM2.
STEP 6 → X AXIS STEP TIMES
REPEAT → X AXIS STEP TIMES

CHANGE NO	REV	DATE	BY	CHKD	APPD	DESCRIPTION
1	1	10/1/86	W. B. CORNIER			INITIALS - M1, B
2	1	10/1/86	W. B. CORNIER			FOR (insert)
3	1	10/1/86	W. B. CORNIER			FOR (insert)
4	1	10/1/86	W. B. CORNIER			FOR (insert)
5	1	10/1/86	W. B. CORNIER			FOR (insert)
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100	1	10/1/86	W. B. CORNIER			FOR (insert)

NOTES CONT:

6. DOUBLE-NOTCHED END OF E1 IS TOWARDS C1.
7. LABEL TO BE PRINTED WITH ASSEMBLY PART NUMBER AND REVISION; AFFIX TO SIDE 2 IN AREA SHOWN.
8. ALL COMPONENT LEADS DIRECTLY UNDER THE CABLE (ITEM 14) MUST BE BENT OVER FLUSH TO CIRCUIT BOARD BEFORE SOLDERING.

ETCH REV.	E1
-----------	----

SIGNATURES		DATE	digital	
DRN.	W. B. CORNIER	10/1/86	TITLE H3600 CONSOLE SLU MODULE	
CHK'D	L. MAYWOOD	10/1/86		
TECH. ENG.	W. B. CORNIER	10/1/86	SIZE CODE NUMBER REV	
PROJ. ENG.	W. B. CORNIER	10/1/86		
PROD.	W. B. CORNIER	10/1/86	D UA 54-17016-0-0	
SCALE	2/1			
SMT.	1 OF 2		MKO 1 #2341	
NEXT HIGH-RES. K-00-5417016-0-0				

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REWORK INSTRUCTIONS

1-1 PRECUT LEADS OF W4 TO .25 CNG. MOUNT ON SIDE 2 AS SHOWN, FROM CENTER-LEAD OF LC3 TO THE PTH OF THE ETCH THAT CONNECTS TO THE MOUNTING HOLE.

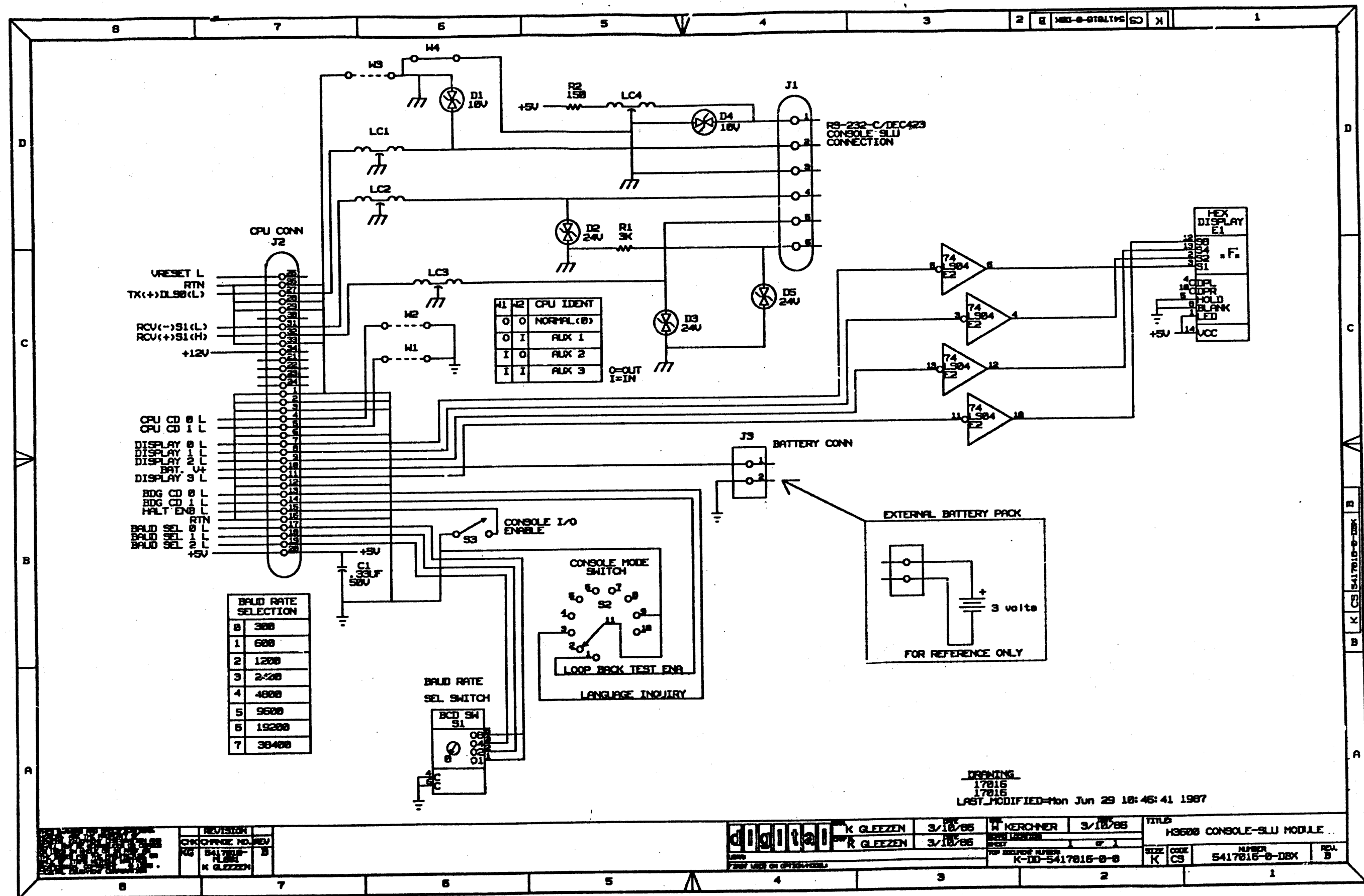
REVISION HISTORY		
DATE	ECO NUMBER	REV

DOCUMENT NUMBER			
SIZE	CODE	NUMBER	RE
D	UA	5-17016-0-0	C
SCALE NONE		SHEET 2	OF 2

TITLE H3600 CONSOLE
SLU MODULE

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY 01 B2	PER VAR/REV	REFERENCE DESIGNATORS
1	1	D-MD-5017015-0-0	50-17015-01		CIRCUIT DRILL AND ETCH	1		
2	2		10-14265-02		0.33 MFD 50V +80/-20% Z5U C	1		C1
3	3		11-26762-01		TRANS SUPP,BIPOLAR 500W VR=24V	3		D2,D3,D5
4	4		11-27181-01		TRANS SUPP BIPOLAR VR=1	2		D1,D4
5	5		12-16565-04		SKT,IC 14POS ELEV	1		XE1
6	6		12-19196-03		PCB HEADER 02POS(1X02).100CC 90D	1		J3
7	7		12-23338-02		SW,THBWL 1P08POS 125MA28VDC	1		S1
8	8		12-23433-01		CONN,LAN JACK 06 POS	1		J1
9	9		12-25861-01		SW,ROT 1P03POS 30VDC/200MA	1		S2
10	10		12-25863-04		SW,SLIDE SPST MAINTAINED 1A	1		S3
11	11		12-26320-01		FILTER,EMI	4		LC1-LC4
12	12		13-00250-00		150.0 .25 W 5.0 % CF	1		R2
13	13		13-00432-00		3.0 K .25 W 5.0 % CF	1		R1
14	14		17-01357-01		CABLE ASSY,30COND,FLAT,28AWG DIP	1		J2
15	15		19-12803-00		LS04 INVERTER GATE,HEX	1		E2
16	16		19-16921-00		HEXADECIMAL DISPLAY W/DECODER	1		E1
17	17		36-23593-01		LABEL,BLANK,PAPER,PIN FEED	1		
18	18		90-09185-00		JUMPER, WIRE, INSULATED, BLACK B	1		W4

REVISION HISTORY			KPL MODULE FORMAT		SECTION A OF A		DRN: B. DITOMMASO		DIGITAL				
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX		DATE: 11-SEP-86				TITLE PARTS LIST				
--	INITIAL	A	(A)	Q1	(M)	CHK'D: D. DROZD				H3600 CONSOLE-SLU MODULE			
WK	5417016-ML001	B	(B)		(N)	DATE: 11-SEP-86							
RM	5417016-MK002	C	(C)		(P)	DES.ENG: W. KERCHNER				DOCUMENT NUMBER			
			(D)		(Q)	DATE: 11-SEP-86				SIZE CODE NUMBER REV			
			(E)		(R)								
			(F)		(S)	RESP.ENG.: W. KERCHNER							
			(H)		(T)	DATE: 11-SEP-86				K PL 5417016-0-DBP C			
			(J)		(V)								
			(K)		(W)	MFG.ENG: F. CULLEN				RELEASE DATE: 14-SEP-88			
			(L)		(Y)	DATE: 26-SEP-86				RELEASE STATUS: RELEASED			
			BASIC PART NUMBER:		ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		EDIT #				
			5417016		D-UA-5417016-0-0		K-DD-5417016-0-0		2				
			FILE NAME: 5417016C.PLS										
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DRAWING NO.	INO.SHTS	PART NO.	DESCRIPTION	REVISIONS
D-UA-5417079-0-0	1	5417079-01	EMI FILTER BOARD	A1
B-CS-5417079-0-1	1		EMI UNIT ASSEMBLY	A
K-PL-5417079-0-DBP	1		EMI CIRCUIT SCHEMATIC	A
K-PC-5417079-0-DBJ	1		EMI PARTS LIST	A
K-PC-5417079-0-DBJ	1		EMI P.C. DESIGN DATABASE	C
K-CS-5417079-0-DBX	1		EMI SCHEMATIC DATABASE	A
K-DD-5017078-0-0	1	5017078-01	ETCHED CIRCUIT BOARD	C1
			E.C.B. DRAWING DIRECTORY	A
NOTES:				
R E V I S I O N S I N I T I O N O R I O N Y D I A T E 1 9 8 6				
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DRN: BLAISE DITOMMASO				
DATE: 05SEPT86				
DIGITAL				
CHK'D: JIM CUNNINGHAM				
DATE: 05SEPT86				
TITLE				
EMI FILTER BOARD				
DES.ENG.: JOHN ARDUINO				
DATE: 05SEPT86				
SHEET 1 OF 1				
EDIT: 1				
RESP.ENG.: JOHN ARDUINO				
DATE: 05SEPT86				
DOCUMENT NUMBER				
DD FILENAME: 5417079A.DOF				
MFG.ENG.: LEV BROWN				
DATE: 05SEPT86				
SIZE CODE NUMBER REV				
K DD 5417079-0-0 A				

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8 7 6 5 4 3 2 1
A B C D

D

C

B

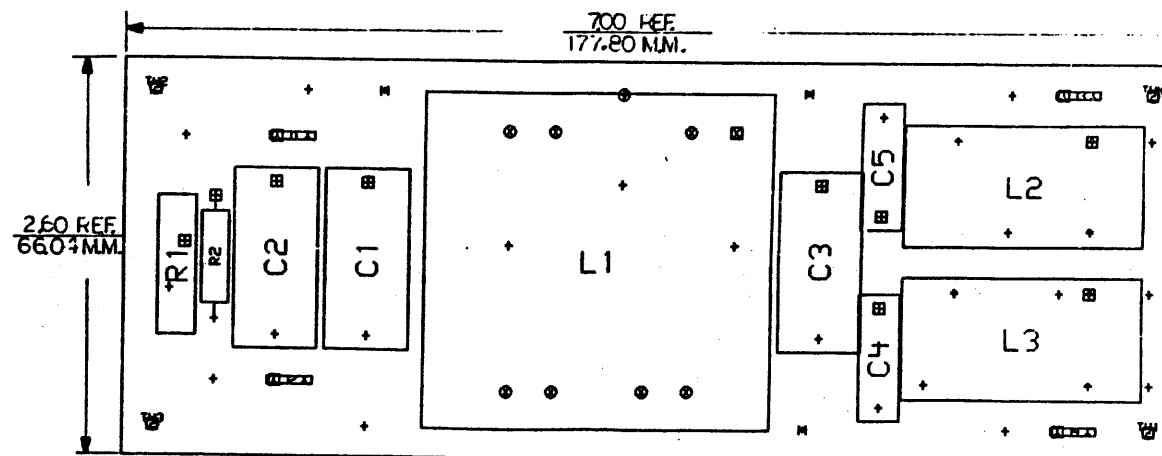
A

D

C

B

A



NOTES: THIS IS A HPWR BOARD

STEP E + Y AXIS STEP TIMES
REPEAT + X AXIS STEP TIMES

CHK CHANGE NO REV

ETCH REV.	C1
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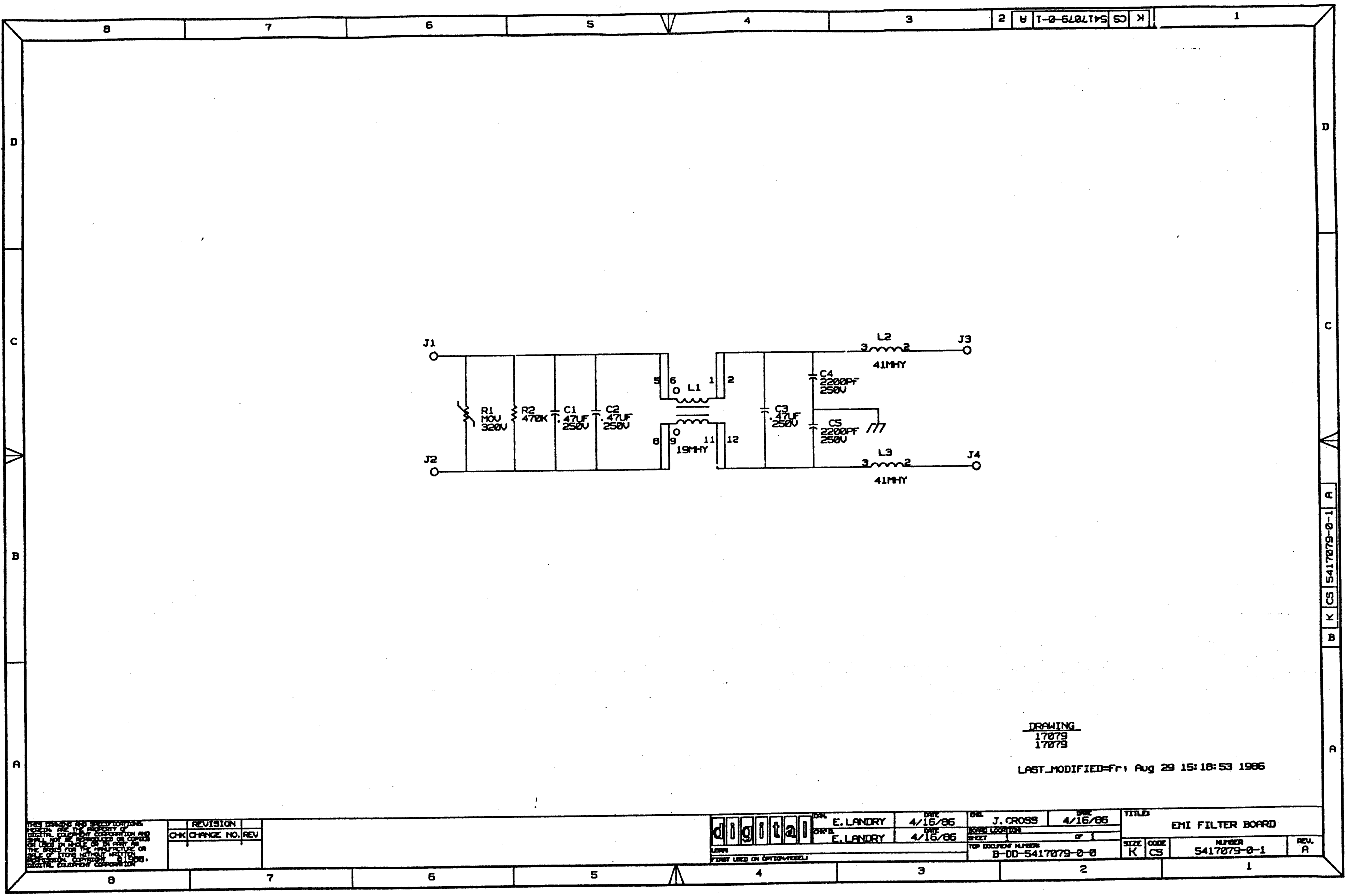
SIGNATURES		DATE	digital			
DRN. L. HAYWOOD		5-12-88	TITLE EMI FILTER BOARD			
CHK'D. J. CUNNINGHAM		5-12-88				
MECH. ENG. [Signature]		5-5-88				
PROJ. ENG. [Signature]		5-5-88				
PROD. [Signature]		1/5/88				
SCALE 2/1			SIZE	CODE	NUMBER	REV
SHT. 1 OF 1		D	UA		5417079-0-0	A
NEXT HIGHER ASSY. B-DD-5417079-0-0						

1 MS# 2700

PARTS LIST

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VAR/REV	REFERENCE DESIGNATORS
						01	
						A1	
1	1	D-MD-5017078-01-0	50-17078-01		CIRCUIT DRILL & ETCH	1	
2	2		10-24317-02		0.47 MFD 250VAC +/-20% LIN	3	C1-C3
3	3		10-24375-01		2200 PFD 250VAC +/-20% LIN	2	C4,C5
4	4		12-20563-01		TER,TAB .250TAB PC MNT	4	J1-J4
5	5		13-19470-92		470.0 K 1.0 W 5.0 % M.OXIDE	1	R2
6	6		13-22505-01		VARISTOR 540VAC VOLT TRANS SUP	1	R1
7	7		16-26569-01		INDUCER,TORROID 19MH 12A	1	L1
8	8		16-26573-01		INDUCER,TORROID 12A	2	L2,L3

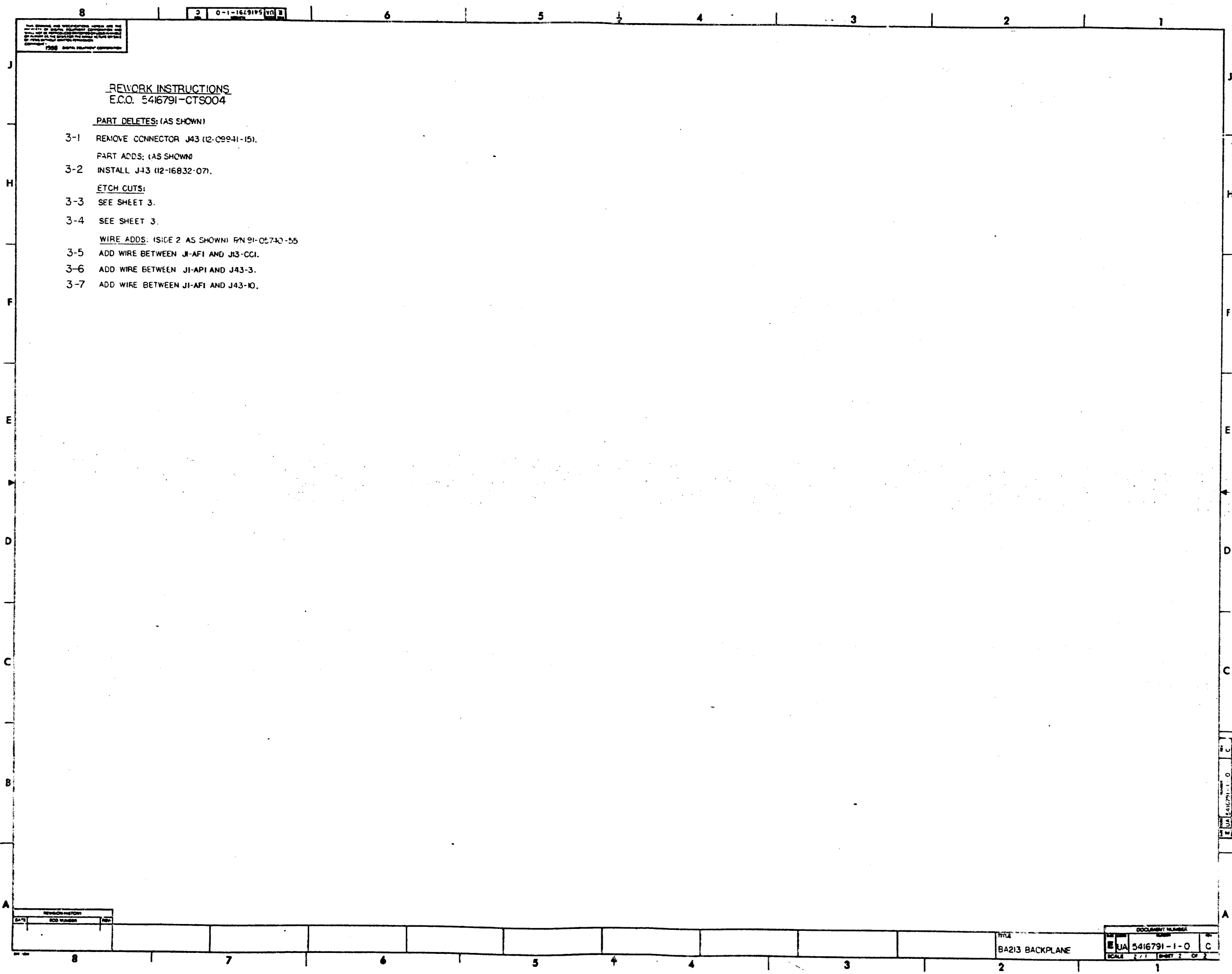
REVISION HISTORY			KPL MODULE FORMAT		SECTION A OF A		DRN: K.LEE		D I G I T A L			
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX		DATE: 09-APR-86				TITLE PARTS LIST			
---	INITIAL	A	[A] 01	[M]	CHK'D: D.DROZD				EMI FILTER BOARD			
			[B]	[N]	DATE: 09-APR-86							
			[C]	[P]	DES.ENG: J. ARDUINO							
			[D]	[Q]	DATE: 03-JUL-86				DOCUMENT NUMBER			
			[E]	[R]	RESP.ENG.: J. ADRUINO				SIZE CODE NUMBER REV			
			[F]	[S]	DATE: 03-JUL-86				K PL 5417079-0-DBP A			
			[H]	[T]	MFG.ENG: L. BROWN				RELEASE DATE: 22-SEP-86			
			[J]	[V]	DATE: 03-JUL-86				RELEASE STATUS: RELEASED			
			[K]	[W]								
			[L]	[Y]								
			BASIC PART NUMBER:		ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME:		EDIT #	
			5417079		D-UA-5417079-0-0		B-DD-5417079-0-0		MLA0191A.PLS		21	
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DRAWING
17079
17079
LAST_MODIFIED=Fri Aug 29 15:18:53 1986

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						DRG E. LANDRY	DATE 4/16/86	BOXED LOCATION OF 1		SIZE K	CODE CS
						TOP DRAWING NUMBER B-DD-5417079-0-0				NUMBER 5417079-0-1	
										REV. A	

DRAWING NO.	NO. SHTS	PART NO.	DESCRIPTION	REVISIONS			
E-UA-5416791-0-0	1	5416791-01	BA213 BACKPLANE	A1	A2	B2	
D-CS-5416791-0-1	2		BA213 BACKPLANE	A	A	A	
K-PL-5416791-0-DBP	1		BA213 BACKPLANE	A	A	A	
K-PC-5416791-0-DBA			BA213 BACKPLANE	A	B	C	D
			P.C. DESIGN DATA BASE	A	A	A	
K-DD-5016790-0-0	1	5016790-01	ETCHED CIRCUIT BOARD	P1	P1	P1	
			DRAWING DIRECTORY	A	B	B	C
E-UA-5416791-1-0	3	5416791-02	BA213 BACKPLANE	A1	B1	B2	C2
D-CS-5416791-1-1	2		BA213 BACKPLANE		B	B	C
K-PC-5416791-A-DBA			BA213 BACKPLANE		B	B	C
			P.C. DESIGN DATA BASE		B	B	B
K-SP-5416791-0-0	13	5016790-01	ETCHED CIRCUIT BOARD		R1	R1	R2
			ENGINEERING SPECIFICATION		A	A	B
NOTES: E.C.O. 5416791-CTS003 WAS CANCELLED P1 ETCH WILL NOT SUPPORT MICROVAX MEMORY. P1 ETCH NOT RECOMMENDED FOR UPDATES.				R E V I S I O N			
				A B C D			
				R E V I S I O N			
				D I G I T A L			
				E C O			
				M L O 1			
				M L O 2			
				C T S O 4			
				D A T E			
				1 5 8 8			
				/ / / /			
				6 7 8 8			
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				DATE: 20-JUN-86			
				d i g i t a l			
CHK'D: D. BARRIERE				DATE: 20-JUN-86			
				TITLE			
				BA213 BACKPLANE			
DES. ENG.: D. MILLER				DATE: 20-JUN-86			
				SHEET 1 OF 1			
				EDIT: 9			
RESP. ENG.: D. MILLER				DATE: 20-JUN-86			
				DOCUMENT NUMBER			
				DD FILENAME: 5416791D.DDF			
MFG. ENG.: F. CULLEN				DATE: 20-JUN-86			
				SIZE CODE			
				NUMBER			
				REV			
				K DD 5416791-0-0			
				D			



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REWORK INSTRUCTIONS
E.C.O. 5416791-CTS004

PART DELETES: (AS SHOWN)

3-1 REMOVE CONNECTOR J43 (12-09941-15).

PART ADDS: (AS SHOWN)

3-2 INSTALL J43 (12-16832-07).

ETCH CUTS:

3-3 SEE SHEET 3.

3-4 SEE SHEET 3.

WIRE ADDS: (SIDE 2 AS SHOWN) FN 91-05740-55

3-5 ADD WIRE BETWEEN J1-AF1 AND J13-CCI.

3-6 ADD WIRE BETWEEN J1-API AND J43-3.

3-7 ADD WIRE BETWEEN J1-AF1 AND J43-10.

REVISION HISTORY		
DATE	BY	DESCRIPTION

BA213 BACKPLANE

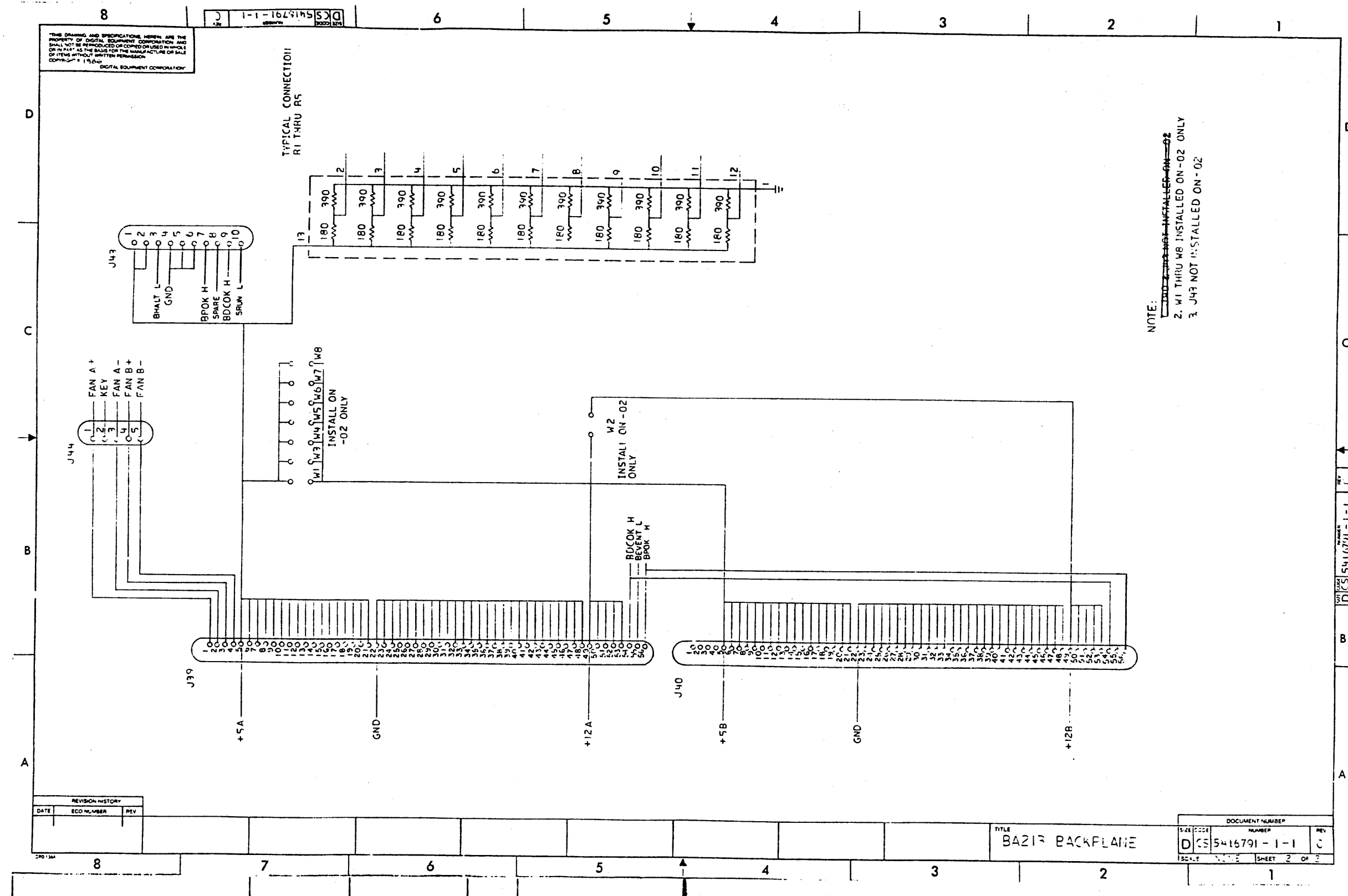
DOCUMENT NUMBER
UA 5416791-1-0 C
SCALE 2/1 SHEET 2 OF 2

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VAR/REV		REFERENCE DESIGNATORS
						01 B2	02 C2	
1	1	D-MD-5016790-0-0	50-16790-01		CIRCUIT DRILL AND ETCH	1	1	
2	2		12-17535-14		*** THIS ITEM IS NOT USED ***	-	-	
3	3		12-09941-15		*** THIS ITEM IS NOT USED ***	-	-	
4	4		12-21249-04		CLIP,WIRE ROUTING W/ACRYLIC ADH	1	1	
5	5		12-27346-01		PCB HEADER 05POS(1X05).156CC 90D	1	1	J44
6	6		12-23962-01		*** THIS ITEM IS NOT USED ***	-	-	
7	7		12-26157-01		CARD EDGE,72PIN(2X36).125CC STR	24	24	J1-J24
8	8		13-23505-01		R. NET 180.0 -11 390.0 -11 2.0	5	5	Z1-Z5
9	9		36-22147-08		LABEL,BAR CODE,THERMAL 1.00 X 5	1	1	
10	10		74-33567-01		BAR, BUSS	8	8	
11	11		90-00062-01		*** THIS ITEM IS NOT USED ***	-	-	
12	12		90-09185-00		JUMPER, WIRE, INSULATED, BLACK B	-	8	W1-W8
13	13		90-00062-02		SCREW,THD RL, PAN,SERATD,F/MET	24	24	
14	14		12-16832-07		PCB,HEADER 10POS(2X05).100CC 90D	1	-	J43
15	15		91-05740-55		WIRE(WRAP) 30AWG KYNAR UL14	A/R	-	
16	16		12-29473-01		CARD EDGE 56POS(2X28) STR	2	2	J39,J40
17	17		12-17535-16		SKT,IC 13PIN SIP TIN SOLD	5	5	ZX1-ZX5

1 GEN: NOTE: D-MD-5016790-1-0 IS FOR THE R1 ETCH REVISION

REVISION HISTORY			KPL MODULE FORMAT		SECTION A OF A		DRN: MIKE FUNARO		DIGITAL			
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX			DATE: 28-MAY-86			TITLE: PARTS LIST			
DM	INITIAL	A	(A)	01,02	(M)	CHK'D: DICK BARRIERE			BA213 BACKPLANE			
DM	5416791-ML001	B	(B)		(N)	DATE: 28-MAY-86						
AD	5416791-ML002	C	(C)		(P)	DES.ENG: DICK MILLER						
JS	5416791-CTS004	D	(D)		(Q)	DATE: 30-JUN-86			DOCUMENT NUMBER			
			(E)		(R)	RESP.ENG.: DICK MILLER			SIZE	CODE	NUMBER	REV
			(F)		(S)	DATE: 30-JUN-86			K	PL	5416791-0-DBP	D
			(H)		(T)	MFG.ENG: FRANCIS CULLEN			RELEASE DATE: 17-OCT-88			
			(J)		(V)	DATE: 30-JUN-86			RELEASE STATUS: RELEASED			
			(K)		(W)							
			(L)		(Y)							
			BASIC PART NUMBER:			ASSEMBLY NUMBER:			TOP DOCUMENT NUMBER:			EDIT #
			5416791			E-UA-5416791-0-0			B-DD-5416791-0-0			7
			FILE NAME: ML998D.PLS									
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REVISION HISTORY		
DATE	ECO NUMBER	REV

TITLE
BAZIF BACKPLANE

DOCUMENT NUMBER		
SIZE	NUMBER	REV
D	CS 5416791-1-1	C
SCALE	NOTE	SHEET 2 OF 2

DRAWING NO.	NO.SHTS	PART NO.	DESCRIPTION	REVISIONS			
		M7620-AA	KA650-AA	A1	C1	D1	E1
		M7620-BA	KA650-BA		C1	D1	E1
D-UA-M7620-0-0	5		KA650 UNIT ASSEMBLY	A	B	B	B
K-CS-M7620-0-1	1		KA650 SYS FUNCTIONAL DRAWING TREE	A	A	A	A
K-CS-M7620-0-2	1		KA650 SYS FUNCT. TOP LEVEL VIEW	A	A	A	A
K-CS-M7620-0-3	1		KA650 SYS FUNCT. TOP LEVEL VIEW	A	A	A	A
K-CS-M7620-0-4	1		KA650 SYS FUNCT. CPU/FPA SUBSYSTEM	A	A	A	A
K-CS-M7620-0-5	1		KA650 SYS FUNCT. MEM CONTROLLER	A	A	A	A
K-CS-M7620-0-6	1		KA650 SYS FUNCT. Q22-BUS INTERFACE	A	A	A	A
K-CS-M7620-0-7	1		KA650 SYS FUNCT. ADDRESS LATCH	A	A	A	A
K-CS-M7620-0-8	1		KA650 SYS FUNCT. CDAL/BCDAL BUFFER	A	A	A	A
K-CS-M7620-0-9	1		KA650 SYS FUNCT. 2ND LEVEL CACHE	A	A	A	A
K-CS-M7620-0-10	1		KA650 SYS FUNCT. DATA STORE	A	A	A	A
K-CS-M7620-0-11	1		KA650 SYS FUNCT. TAG STORE	A	A	A	A
K-CS-M7620-0-12	1		KA650 SYS FUNCT. CNTRL STATE MACH.	A	A	A	A
K-CS-M7620-0-13	1		KA650 SYS FUNCT. CACHESTB STATE	A	A	A	A
K-CS-M7620-0-14	1		KA650 SYS FUNCT. DSCONTINUE STATE	A	A	A	A
K-CS-M7620-0-15	1		KA650 SYS FUNCT. CONTROL FLOW DIAG	A	A	A	A
NOTES:				A	B	C	D
				R			
				E			
				V			
			R				
			E				
			V				
			I				
			S				
			O				
			N				
				D	0	0	0
				A	4	2	8
				T	/	/	/
				E	18	8	8
					17	8	8
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					d	i	g
			CHK'D: J. CUNNINGHAM	DATE: 04/22/87	TITLE		
						KA650	
			DES.ENG.: C. DEVANE	DATE: 04/22/87	SHEET 1 OF 3	EDIT: 17	
			RESP.ENG.: D. FIELDS	DATE: 04/22/87	DOCUMENT NUMBER		
					DD FILENAME: M7620_1.DDF		
			MFG.ENG.: T. CAVANAUGH	DATE: 07/15/87	SIZE CODE	NUMBER	REV
					K DD	M7620-0-0	D

DRAWING NO.	NO. SHTS	PART NO.	DESCRIPTION	REVISIONS				
K-CS-M7620-0-16	1		KA650 SYS FUNCT. CONTROL FLOW DIAG	A	A	A		
K-CS-M7620-0-17	1		KA650 SYS FUNCT. CONTROL FLOW DIAG	A	A	A		
K-CS-M7620-0-18	1		KA650 SYS FUNCT. CONTRL STATE DIAG	A	A	A		
K-CS-M7620-0-19	1		KA650 SYS FUNCT. CONTRL STATE DIAG	A	A	A		
K-CS-M7620-0-20	1		KA650 SYS FUNCT. CONTRL STATE DIAG	A	A	A		
K-CS-M7620-0-21	1		KA650 SYS FUNCT. CACHE CNTRL REG.	A	A	A		
K-CS-M7620-0-22	1		KA650 SYS FUNCT. CLOCK SUBSYSTEM	A	A	A		
K-CS-M7620-0-23	1		KA650 SYS FUNCT. SYS SUPPORT FUNCT	A	A	A		
K-CS-M7620-0-24	1		KA650 SYS FUNCT. BOOT/DIAGNOSTIC	A	A	A		
K-CS-M7620-0-25	1		CPU/FPA SUBSYSTEM CLOCK SUBSYSTEM	A	A	A		
K-CS-M7620-0-26	1		MEMORY CONTROLLER SUBSYSTEM	A	A	A		
K-CS-M7620-0-27	1		Q22-BUS INTERFACE SUBSYSTEM	A	A	A		
K-CS-M7620-0-28	1		ADDRESS LATCH SUBSYSTEM	A	A	A		
K-CS-M7620-0-29	1		CDAL TO BCDAL BUFFER SUBSYSTEM	A	A	A		
K-CS-M7620-0-30	1		DATA STORE RAMS CACHE SUBSYSTEM	A	A	A		
K-CS-M7620-0-31	1		DATA STORE TRANSCEIVERS CACHE	A	A	A		
K-CS-M7620-0-32	1		TAG STORE 2ND LEVEL CACHE SUBSYS.	A	A	A		
K-CS-M7620-0-33	1		CONTROL STAGE MACHINE CACHE SUBSYS	A	A	A		
K-CS-M7620-0-34	1		CACHE CONTROL REG. 2ND LEVEL CACHE	A	A	A		
K-CS-M7620-0-35	1		SYSTEM SUPPORT FUNCTIONS	A	A	A		
K-CS-M7620-0-36	1		BATTERY CIRCUITS RS232 INTERFACE	A	B	B	B	
K-CS-M7620-0-37	1		BOOT AND DIAGNOSTIC ROMS	A	A	A	A	
K-CS-M7620-0-38	1		BYPASS CAPACITORS	A	B	B	B	
K-CS-M7620-0-39	1		KA650 PAL CODE PAL 1	A	A	A	A	
K-CS-M7620-0-40	1		KA650 PAL CODE PAL 2	A	A	A	A	
K-CS-M7620-0-41	1		KA650 PAL CODE PAL 3	A	A	A	A	
K-CS-M7620-0-42	1		KA650 PAL CODE PAL 4	A	A	A	A	
K-CS-M7620-0-43	1		KA650 PAL CODE PAL 5	A	A	A	A	
K-CS-M7620-0-44	1		KA650 PAL CODE PAL 6	A	A	A	A	
K-CS-M7620-0-45	1		KA650 PAL CODE PAL 7	A	A	A	A	
K-CS-M7620-0-46	1		CPU, FPU FOOTPRINT	A	A	A	A	
K-CS-M7620-0-47	1		CMCTL FOOTPRINT	A	A	A	A	
K-CS-M7620-0-48	1		CQBIC FOOTPRINT	A	A	A	A	
K-CS-M7620-0-49	1		SSC, CLK FOOTPRINT	A	A	A	A	
K-CS-M7620-0-50	1		SSC, CLK FOOTPRINT	A	A	A	A	
K-PL-M7620-0-DBP	3		KA650 PARTS LIST	A	B	C	D	
K-CS-M7620-0-DBX	1		INVALID SCHEMATIC DATA BASE	A	B	B	B	
K-PC-M7620-0-DBJ	1		IP. C. DATA BASE	K	K	K	K	
K-CS-M7620-C-DBX	1		EXTERNAL CUST. SCHEMATIC DATA BASE				A	
K-CS-M7620-C-1	1		KA650 SYS FUNCTIONAL DRAWING TREE				A	
K-CS-M7620-C-2	1		KA650 SYS FUNCT. TOP LEVEL VIEW				A	
K-CS-M7620-C-3	1		KA650 SYS FUNCT. TOP LEVEL VIEW				A	
K-CS-M7620-C-4	1		KA650 SYS FUNCT. CPU/FPA SUBSYSTEM				A	
K-CS-M7620-C-5	1		KA650 SYS FUNCT. MEM CONTROLLER				A	
K-CS-M7620-C-6	1		KA650 SYS FUNCT. Q22-BUS INTERFACE				A	
K-CS-M7620-C-7	1		KA650 SYS FUNCT. ADDRESS LATCH				A	
K-CS-M7620-C-8	1		KA650 SYS FUNCT. CDAL/BCDAL BUFFER				A	
K-CS-M7620-C-9	1		KA650 SYS FUNCT. 2ND LEVEL CACHE				A	
K-CS-M7620-C-10	1		KA650 SYS FUNCT. DATA STORE				A	
K-CS-M7620-C-11	1		KA650 SYS FUNCT. TAG STORE				A	
K-CS-M7620-C-12	1		KA650 SYS FUNCT. CNTRL STATE MACH.				A	
K-CS-M7620-C-13	1		KA650 SYS FUNCT. CACHE/STB STATE				A	
K-CS-M7620-C-14	1		KA650 SYS FUNCT. DISCONTINUE STATE				A	
K-CS-M7620-C-15	1		KA650 SYS FUNCT. CONTROL FLOW DIAG				A	
TITLE			SHEET 2 OF 3		SIZE	CODE	DOCUMENT NUMBER	REV
KA650					K	DD	M7620-0-0	0

DRAWING NO.	NO. SHTS	PART NO.	DESCRIPTION	REVISIONS			
K-CS-M7620-C-16	1	5017073-01	KA650 SYS FUNCT. CONTROL FLOW DIAG				A
K-CS-M7620-C-17	1		KA650 SYS FUNCT. CONTROL FLOW DIAG				A
K-CS-M7620-C-18	1		KA650 SYS FUNCT. CONTRL STATE DIAG				A
K-CS-M7620-C-19	1		KA650 SYS FUNCT. CLOCK SUBSYSTEM				A
K-CS-M7620-C-20	1		KA650 SYS FUNCT. SYS SUPPORT FUNCT				A
K-CS-M7620-C-21	1		KA650 SYS FUNCT. BOOT/DIAGNOSTIC				A
K-CS-M7620-C-22	1		CPU/FPA SUBSYSTEM CLOCK SUBSYSTEM				A
K-CS-M7620-C-23	1		MEMORY CONTROLLER SUBSYSTEM				A
K-CS-M7620-C-24	1		Q22-BUS INTERFACE SUBSYSTEM				A
K-CS-M7620-C-25	1		ADDRESS LATCH SUBSYSTEM				A
K-CS-M7620-C-26	1		CDAL TO BCDAL BUFFER SUBSYSTEM				A
K-CS-M7620-C-27	1		DATA STORE RAMS CACHE SUBSYSTEM				A
K-CS-M7620-C-28	1		DATA STORE TRANSCEIVERS CACHE				A
K-CS-M7620-C-29	1		TAG STORE 2ND LEVEL CACHE SUBSYS				A
K-CS-M7620-C-30	1		CONTROL STAGE MACHINE CACHE SUBSYS				A
K-CS-M7620-C-31	1		CACHE CONTROL REG. 2ND LEVEL CACHE				A
K-CS-M7620-C-32	1		SYSTEM SUPPORT FUNCTIONS				A
K-CS-M7620-C-33	1		BATTERY CIRCUITS RS232 INTERFACE				A
K-CS-M7620-C-34	1		BOOT AND DIAGNOSTIC ROMS				A
K-CS-M7620-C-35	1		BYPASS CAPACITORS				A
K-CS-M7620-C-36	1		CPU, FPU FOOTPRINT				A
K-CS-M7620-C-37	1		CMCTL FOOTPRINT				A
K-CS-M7620-C-38	1		QBIC FOOTPRINT				A
K-CS-M7620-C-39	1		SSC, CLK FOOTPRINT				A
K-CS-M7620-C-40	1		SSC, CLK FOOTPRINT				A
K-DD-5017073-0-0	1		ETCHED CIRCUIT BOARD	K1	K1	K1	K1
			DRAWING DIRECTORY	A	B	B	B
TITLE				SIZE CODE DOCUMENT NUMBER REV			
KA650				SHEET 3 OF 3 K DD M7620-0-0 D			

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8 0-0-0292W DUA M7620-0-0

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VIEW FROM SIDE 1

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5017073 01 K1 L1 M7620

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REVISION HISTORY		
DATE	ECO NUMBER	REV.

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TITLE
KA650

DOCUMENT NUMBER		
SIZE CODE	NUMBER	REV.
DUA	M7620-0-0	B
SCALE	2/1	SHEET 2 OF 5

8

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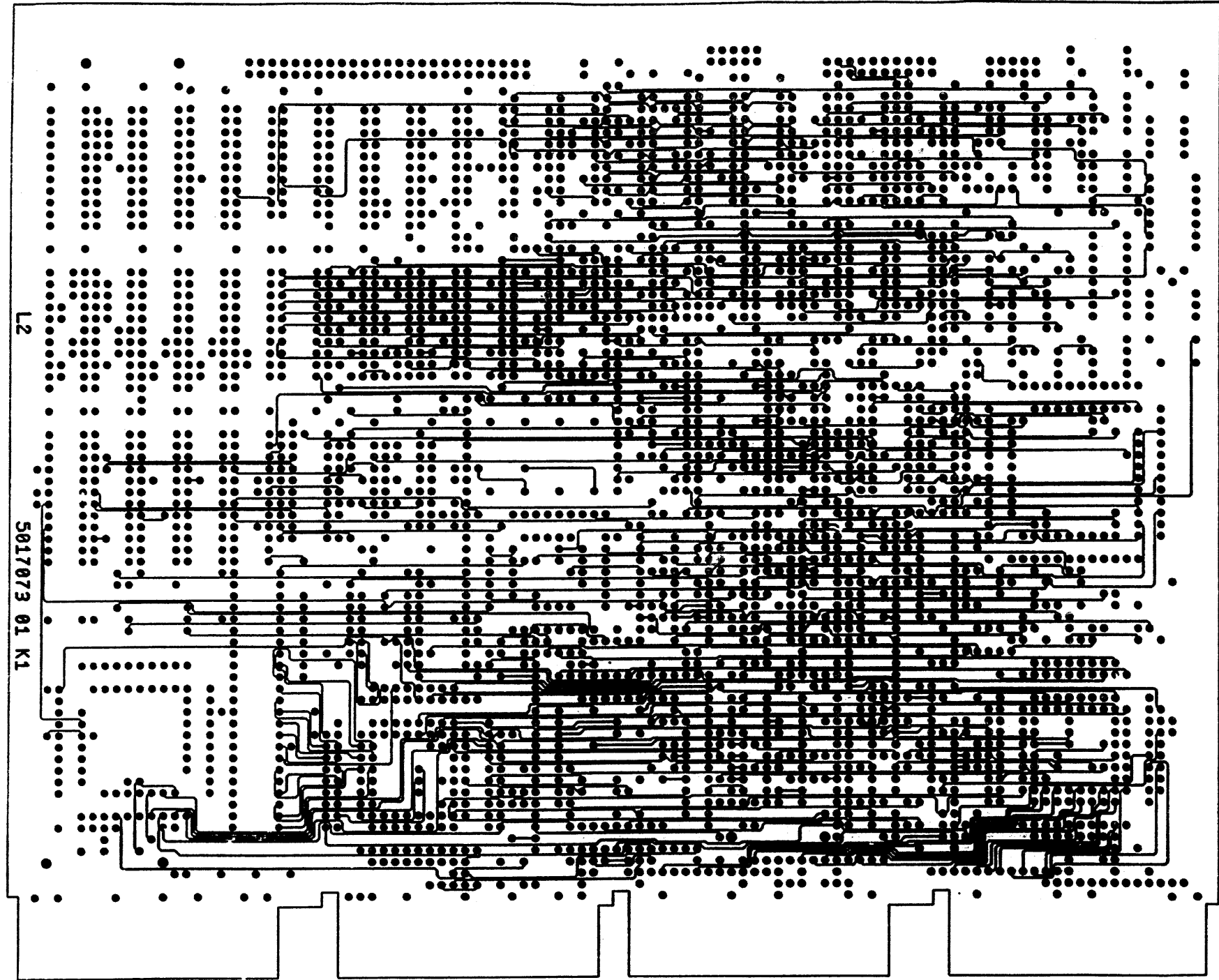
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VIEW FROM SIDE 1



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DJA M7620-0-0

REVISION HISTORY		
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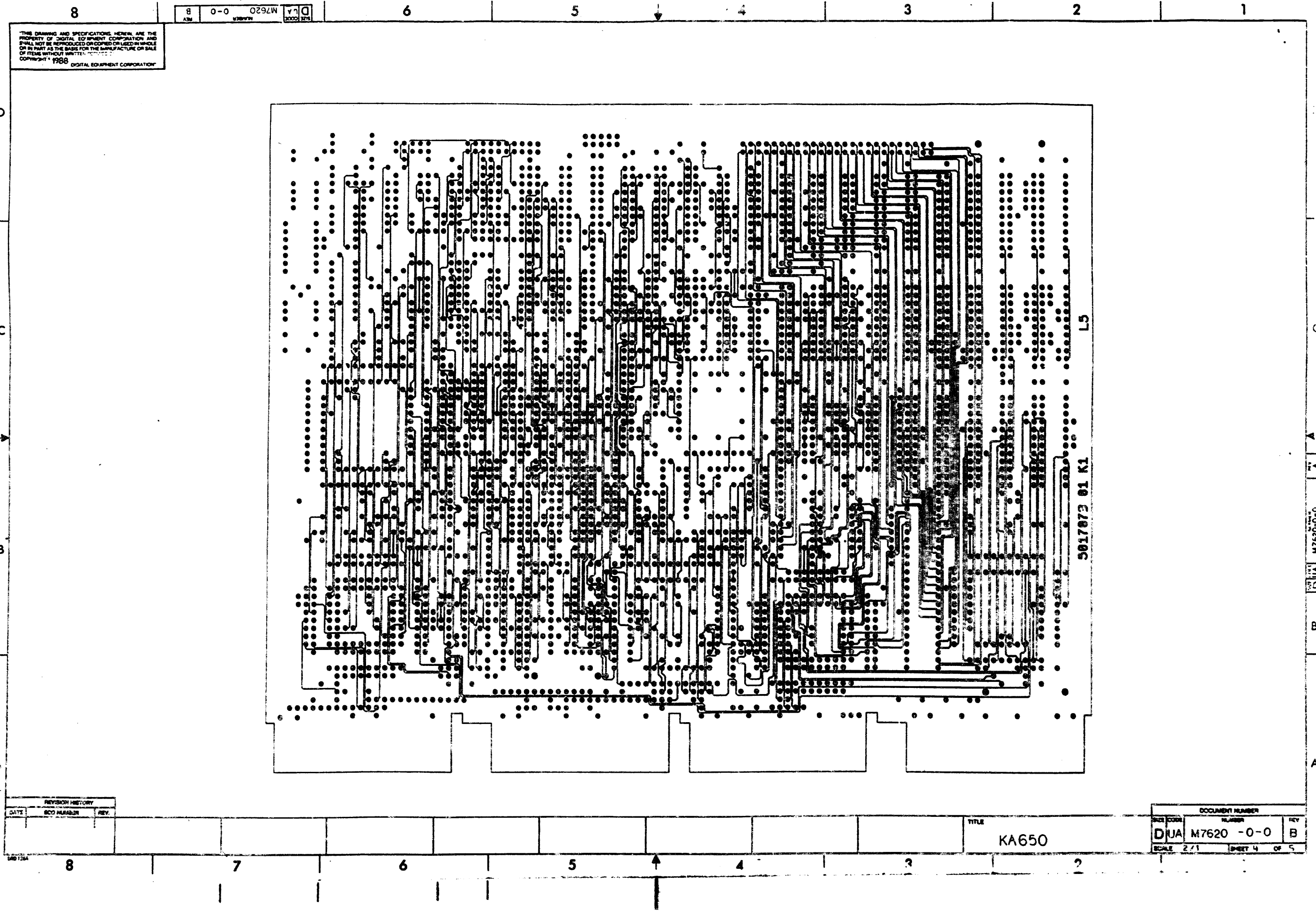
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TITLE
KA650

DOCUMENT NUMBER			
SIZE	CODE	NUMBER	REV
D	JA	M7620-0-0	B
SCALE 2/1		SHEET 3 OF 5	



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SIZE CODE	NUMBER
D	M7620
REV	0-0
8	

REVISION HISTORY		
DATE	BY	REV.

DOCUMENT NUMBER		
SIZE CODE	NUMBER	REV
D	M7620 -0-0	B
SCALE	2/1	SHEET 4 OF 5

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8 0-0 0292W M7620-0-0

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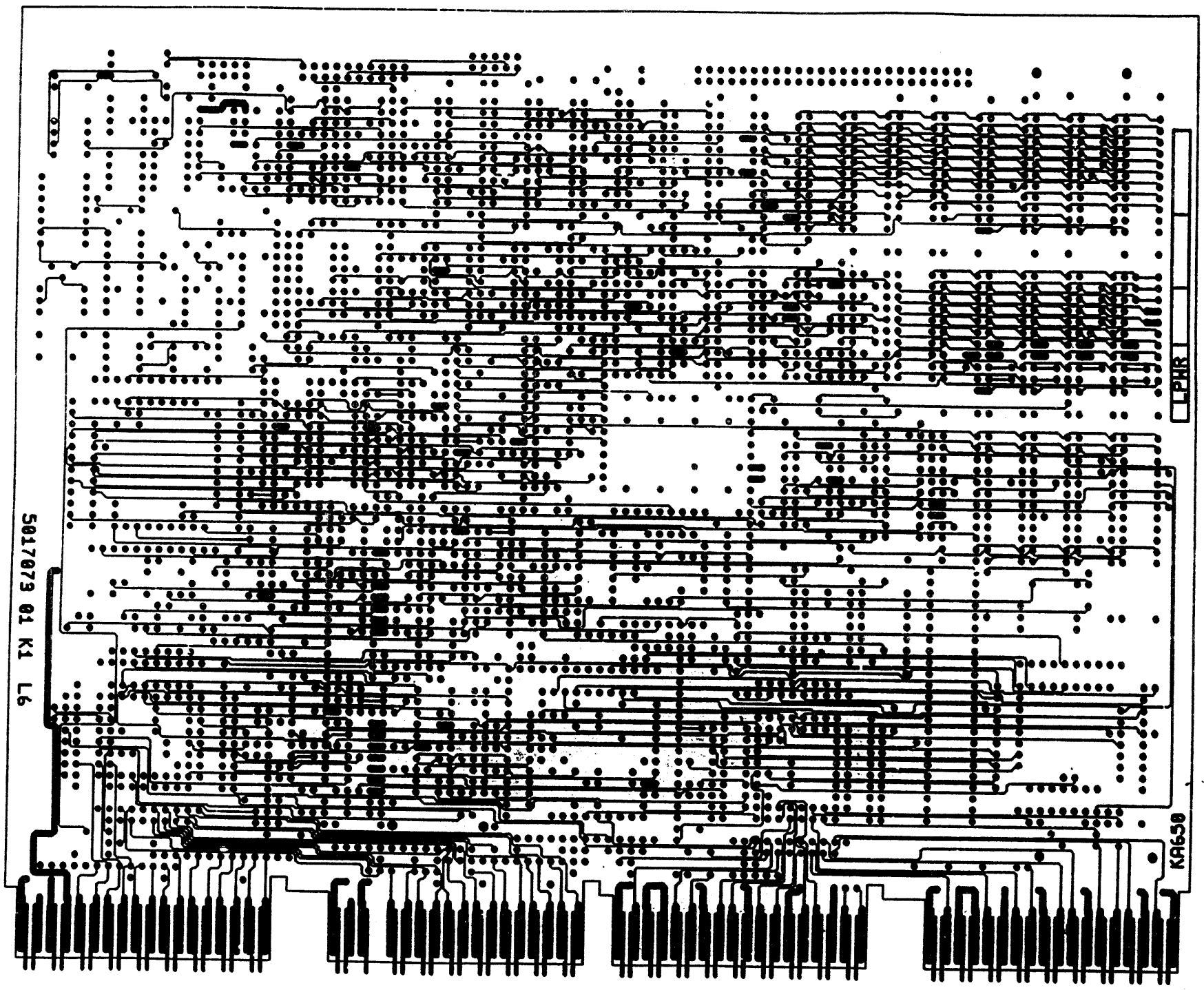
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REVISION HISTORY		
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TITLE
KA650

DOCUMENT NUMBER		
REV	CODE	NUMBER
	DUA	M7620-0-0
SCALE 2/1		SHEET 5 OF 5

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VAR/REV		REFERENCE DESIGNATORS
						AA E1	BA E1	
1	1	K-DD-5017073-0-0	50-17073-01	A	CIRCUIT DRILL AND ETCH BOARD	1	1	
2	2		10-01610-00		0.010MFD 50V +80/-20% Z5U C	13	13	C13,C15,C24,C26,C27,C34,C36, CONT C42,C54,C58,C65,C69,C73
3	3		10-10274-02		1.0 MFD 50V +80/-20% Z5U C	1	1	C5
4	4		10-10279-01		0.47 MFD 25V +/-20% Z5U C	5	5	C3,C9,C10,C17,C18
5	5		10-13466-05		56 PFD 50V +/- 5% NP0 C	1	1	C11
6	6		10-13466-07		220 PFD 50V +/- 5% NP0 C	1	1	C20
7	7		10-14265-02		0.33 MFD 50V +80/-20% Z5U C	55	55	C1,C4,C7,C8,C12,C14,C19, CONT C2,C23,C25,C28-C33,C35, CONT C37,C41,C43-C53,C55-C57, CONT C59-C64,C66-C68,C72,C74-C81
8	8		10-17472-00		10 MFD 35V +75/-10% ALU	2	2	C6,C16
9	9		10-20446-05		22 MFD 16V +50/-20% ALU	2	2	C70,C71
10	10		10-20446-07		100 MFD 16V +50/-20% ALU	1	1	C82
11	11		11-03441-00		VZ= 8.2 5% 400 MW 1N756A	1	1	D3
12	12		11-05275-00		PIV= 60 IO=300 MA -15NS	3	3	D4-D6
13	13		11-14117-00		PIV= 40 IO= 75 A -4NS 1N4152	2	2	D1,D2
14	14		11-14136-02		LED 6.7MA 5V .2MCD GREEN	1	1	D7
15	15		11-20964-01		LED ASSY 4 RED 5V 8MA	1	1	D8
16	16		12-10929-02		FUSE PICO 1.0 A 125V AXIAL LEA	2	2	F1,F2
17	17		12-13113-03		HANDLE,MODULE	1	1	
18	18		12-13506-04		PCB HEADER 09PIN(2X05).100CC 90D	1	1	J1
19	19		12-13506-10		PCB HEADER 20PIN(2X10).100CC 90D	1	1	J2
20	20		12-21545-03		PCB HEADER 50PIN(2X25).100CC 90D	1	1	J3
21	21		12-15006-17		SKT,IC 28PIN DIP TIN SOLD	2	2	XE26,XE33
22	22		13-00197-00		33.0 .25 W 5.0 % CF	2	2	R50,R51
23	23		13-00202-00		47.0 .25 W 5.0 % CF	59	59	R2,R10,R13,R14,R30-R32,R36-R38, CONT R40,R42,R43,R45,R46,R48,R52, CONT R53,R55-R60,R65-R70,R72-R99, CONT R102

REVISION HISTORY			KPL MODULE FORMAT		SECTION A OF A		DRN: J. CUNNINGHAM		DIGITAL			
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX			DATE: 11-FEB-87		TITLE PARTS LIST				
---	INITIAL	A	[A]	AA,BA	[M]	CHK'D: B. DITOMMASO		KA650				
CD	M7620-ML001	B	[B]		[N]	DATE: 23-MAR-87						
JK	M7620-CTS002	C	[C]		[P]	DES.ENG: C. DEVANE						
JK	M7620-CTS003	D	[D]		[Q]	DATE: 23-MAR-87		DOCUMENT NUMBER				
			[E]		[R]	DATE: 23-MAR-87		SIZE	CODE	NUMBER	REV	
			[F]		[S]	RESP.ENG.: C. DEVANE						
			[H]		[T]	DATE: 17-SEP-87		K	PL	M7620-0-DBP	D	
			[J]		[V]							
			[K]		[W]	MFG.ENG: K. RYAN		RELEASE DATE: 16-AUG-88				
			[L]		[Y]	DATE: 17-SEP-87		RELEASE STATUS: RELEASED				
			BASIC PART NUMBER:			ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:			EDIT #	
			M7620			D-UA-M7620-0-0		K-DD-M7620-0-0			6	
			FILE NAME: MLA0178D.PLS									

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LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER		VAR/REV	REFERENCE DESIGNATORS
						AA	BA		
						E1	E1		
24	24		13-00219-00	68.0	.25 W 5.0 % CF	2	2		R33,R34
25	25		13-00271-00	220.0	.25 W 5.0 % CF	9	9		R18-R20,R61,R62,R71,R100,R103, R104
26	26		13-00365-00	1.0	K .25 W 5.0 % CF	4	4	CONT	R1,R12,R21,R29
27	27		13-00447-00	4.70	K .25 W 5.0 % CF	3	3		R7,R27,R28
28	28		13-00479-00	10.0	K .25 W 5.0 % CF	4	4		R4,R15-R17
29	29		13-01317-00	10.0	.25 W 5.0 % CF	1	1		R49
30	30		13-01522-00	27.0	.25 W 5.0 % CF	4	4		R39,R54,R63,R64
31	31		13-01808-00	22.0	K .25 W 5.0 % CF	1	1		R25
32	32		13-01969-00	22.0	.25 W 5.0 % CF	2	2		R41,R101
33	33		13-02377-00	39.0	.25 W 5.0 % CF	1	1		R9
34	34		13-02751-00	30.0	.25 W 5.0 % CF	1	1		R44
35	35		13-04837-00	24.0	K .25 W 5.0 % CF	1	1		R6
36	36		13-05128-00	5.62	K .25 W 1.0 % RN55D-F10	1	1		R8
37	37		13-13469-00	240.0	.25 W 5.0 % CF	3	3		R3,R5,R26
38	38		13-16395-00	R. NET	4.7K- 9 2.0	7	7		Z3,Z4,Z6-Z10
39	39		13-16395-02	R. NET	1.0K- 9 2.0	2	2		Z5,Z13
40	40		13-18110-00	R. NET	330.0 -11 680.0 -11 5.0	4	4		Z1,Z2,Z11,Z12
41	41		13-18247-00	510.0	.25 W 5.0 % CF	1	1		R35
42	42		13-19610-01	750.0	K .25 W 0.1 % RN55E-B 2	1	1		R24
43	43		13-19645-01	487.0	K .25 W 0.1 % RN55E-B 2	1	1		R23
44	44		15-10705-00	XA 05	NPN 500MW SI 60 50 P	1	1		Q1
45	45		18-28789-01	OSCILLATOR, XTAL	44.4444 MHZ	1	1		Y3
46	46		18-28789-02	OSCILLATOR, XTAL	40.00 MHZ	1	1		Y2
47	47		18-28790-02	OSCILLATOR, XTAL	25.6 KHZ	1	1		Y1
48	48		19-13777-B0	LS240	BURNED-IN DRIVER,LIN	2	2		E13,E17
49	49		19-14140-B1	211P	BURNED-IN VOLT COMPR	1	1		E6
50	50		19-14451-B0	LS393	BURNED-IN COUNTER,BI	1	1		E5
51	51		19-15415-B0	9636	BURNED-IN DRIVER,DUA	1	1		E8
52	52		19-16028-B1	9643	BURNED-IN DRIVER,TTL	1	1		E4
53	53		19-18868-B0	LS26	NAND GATE,2-IN,HIGH	1	1		E7
54	54		19-19542-B1	9639	RECEIVER,LINE,DUAL,P	1	1		E3
55	55		19-19684-01	***	THIS ITEM IS NOT USED ***	-	-		
56	56		19-20441-B1	74F245	TRANSCEIVER,BI-DIREC	4	4		E9,E15,E18,E19
57	57		19-20442-B1	74F374	FF-D,OCTAL,TRI-STATE	1	1		E41
58	58		19-20572-B1	74F244	BUFFER/LINE DRIVER,0	4	4		E11,E25,E42,E54
59	59		19-21008-B1	74F240	BUFFER/LINE DRIVER,0	2	2		E20,E45
60	60		19-21010-B1	74F373	OCTAL TRANSPARENT LA	4	4		E24,E29,E36,E56
61	61		19-21305-B1	74F00	NAND GATE,QUAD,2-IN,	1	1		E37
62	62		19-21306-B1	74F02	NOR GATE,QUAD,2-IN,B	1	1		E21
63	63		19-21307-B1	74F04	HEX INVERTER,BURNED	1	1		E16
64	64		19-21313-B1	74F64	AND OR INVERT GATE,4	2	2		E12,E27
65	65		19-21314-B1	74F74	FF-D,DUAL,BURNED-IN	2	2		E30,E34
66	66		19-21315-B1	74F86	EXCLUSIVE OR GATE,QU	2	2		E46,E53
67	67		19-21323-B1	74F174	FF-D,HEX,BURNED-IN	2	2		E10,E43
68	68		19-21330-B1	74F257	MUX,QUAD,2-IN,BURNED	1	1		E47
69	69		19-21332-B2	74F280A	PARITY GEN/CHECK,9-B	2	2		E40,E50
70	70		19-21417-B1	74F521	COMPARATOR,IDENTITY,	2	2		E48,E51
71	71		19-22481-B1	74F544	OCTAL REG TRANSCEIVE	5	5		E59,E62,E66,E69,E72
72	72		21-18054-07		16K MOS RAM 35NS S	4	4		E57,E58,E60,E61

D	I	G	I	T	A	L	TITLE	KA650	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	M7620-0-DBP	D

AUTOMATED BY VAXKPL (V2.0)

P A R T S L I S T

SHEET A3 OF A3

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY AA E1	PER BA E1	VAR/REV	REFERENCE DESIGNATORS
73	73		21-24673-01		DC509 CVAX CLOCK CHIP	1	1		E39
74	74	SEE NOTE 1	21-24674-09		*** THIS ITEM IS NOT USED ***	-	-		
75	75		21-24942-01		*** THIS ITEM IS NOT USED ***	-	-		
76	76		21-25091-01		DC357 MEMORY CONTROLLER CVAX	1	1		E44
77	77		21-25972-01		BUS CONTROLLER INTER	1	1		E1
78	78		21-26266-04		RAM,STATIC 16KX4 35N	11	11		E49,E52,E55,E63,E64,E67,E68, CONT E70,E71,E73,E74
79	79	SEE NOTE 2	21-26604-02		DC513 CFPA CMOS FPU 90NS	1	1		E65
80	80		23-55E7 -00		*** THIS ITEM IS NOT USED ***	-	-		
81	81		23-56E7 -00		*** THIS ITEM IS NOT USED ***	-	-		
82	82		23-379J5-00		J5-07 PAL	1	1		E23
83	83		23-37E7 -00		*** THIS ITEM IS NOT USED ***	-	-		
84	84		23-380J5-00		J5-07 PAL	1	1		E28
85	85		23-381J5-00		J5-07 PAL	1	1		E31
86	86		23-382J5-00		J5-07 PAL	1	1		E35
87	87		23-383J5-00		J5-07 PAL	1	1		E38
88	88		23-384J5-00		J5-07 PAL	1	1		E22
89	89		23-385J5-00		J5-07 PAL	1	1		E14
90	90		23-38E7 -00		*** THIS ITEM IS NOT USED ***	-	-		
91	91		90-00024-01		EYELET,ROLLED 0.1210GX0.192	4	4		
92	92		90-09185-00		JUMPER, WIRE, INSULATED, BLACK B	2	2		W1,W5
93	93		99-07004-06		CARTON,DIE CUT,B,200PSI W/ARTWOR	1	1		
94	94		99-07025-06		BAG,ANTISTATIC BUBBLE	1	1		
95	95		99-07092-04		BAG,TRANSLUCENT,ESD PROTECTIVE	1	1		
96	96		19-19684-B1		385BZ PREC VOLT REF PRECON	1	1		Q2
97	97		21-24942-02		*** THIS ITEM IS NOT USED ***	-	-		
98	98		23-70E7 -00		E7-01,E7-04 U	-	1		E33
99	99		23-71E7 -00		E7-01,E7-04 U	-	1		E26
100	100		23-68E7 -00		E701,E7-04 U	1	-		E33
101	101		23-69E7 -00		E7-01,E7-04 U	1	-		E26
102	102		11-17166-00		PIV= 20 IO= 1.00A DO-35	1	1		D9
103	103		21-24674-11		*** THIS ITEM IS NOT USED ***	-	-		
104	104		21-24942-03 A		DC511 MICROVAX SYSTEM SUPPORT CH	1	1		E2
105	106		21-24674-13		DC341 CVAX 90 NS W/ POLYX INSTR	1	1		E32

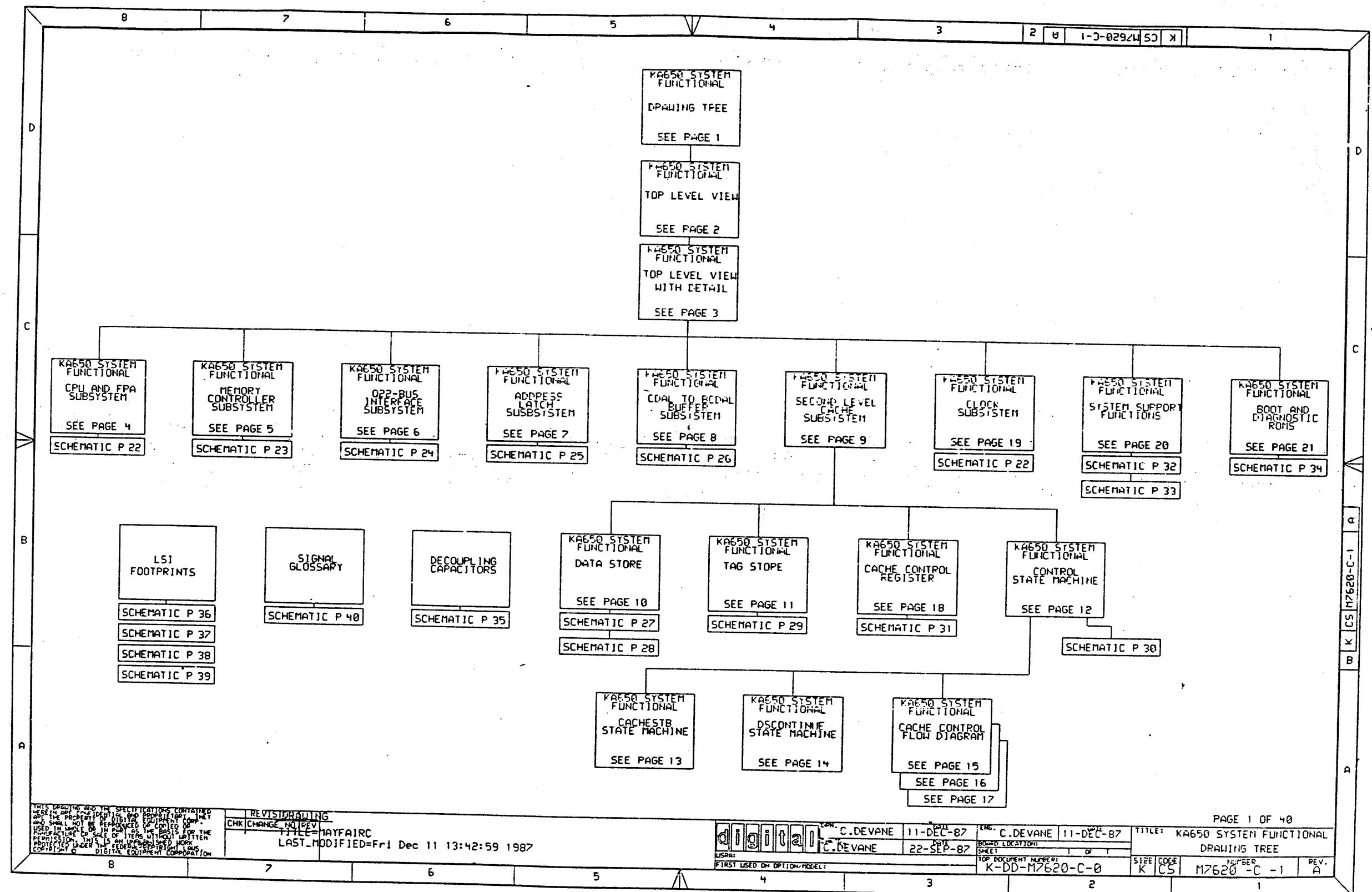
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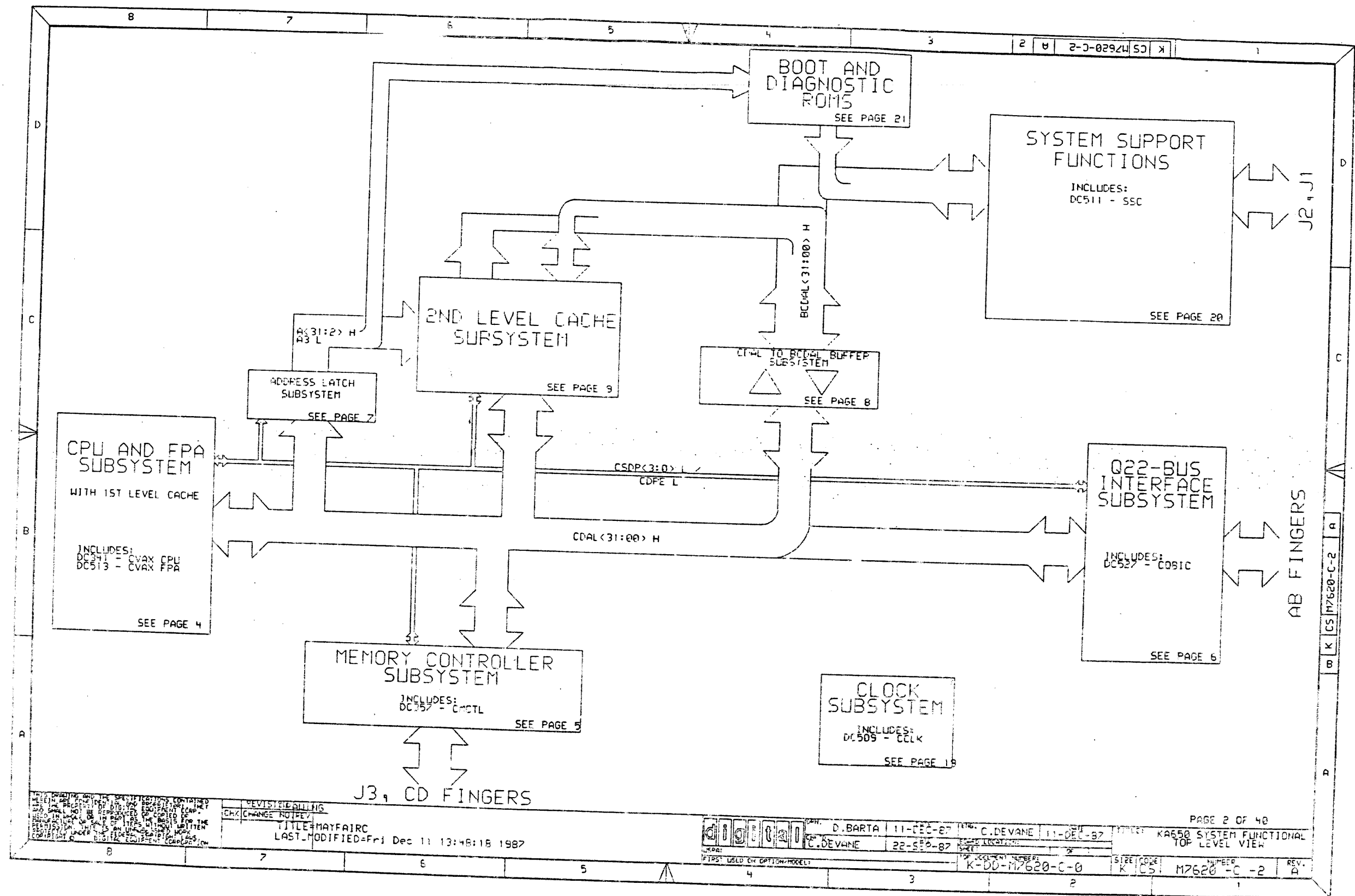
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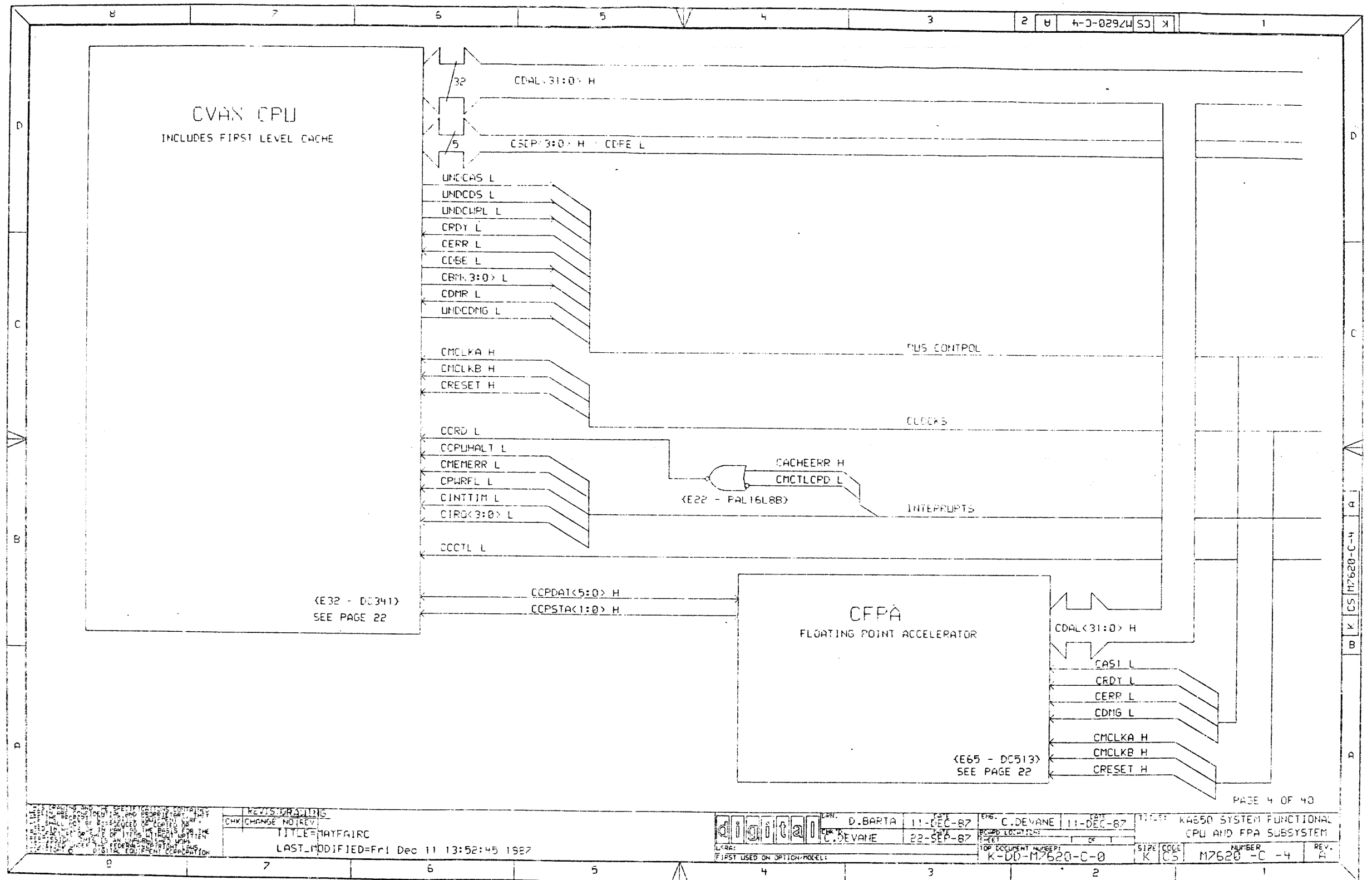
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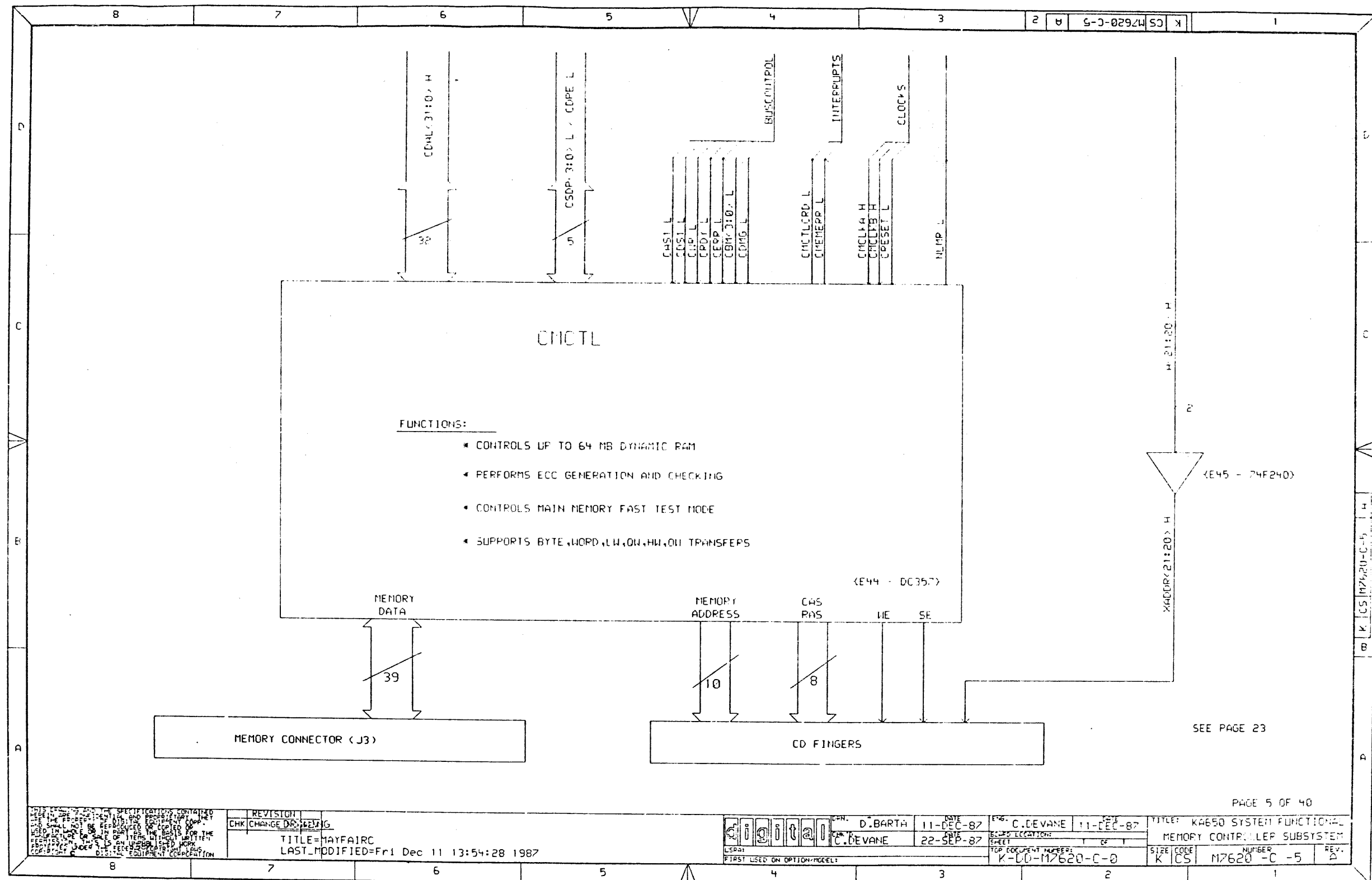
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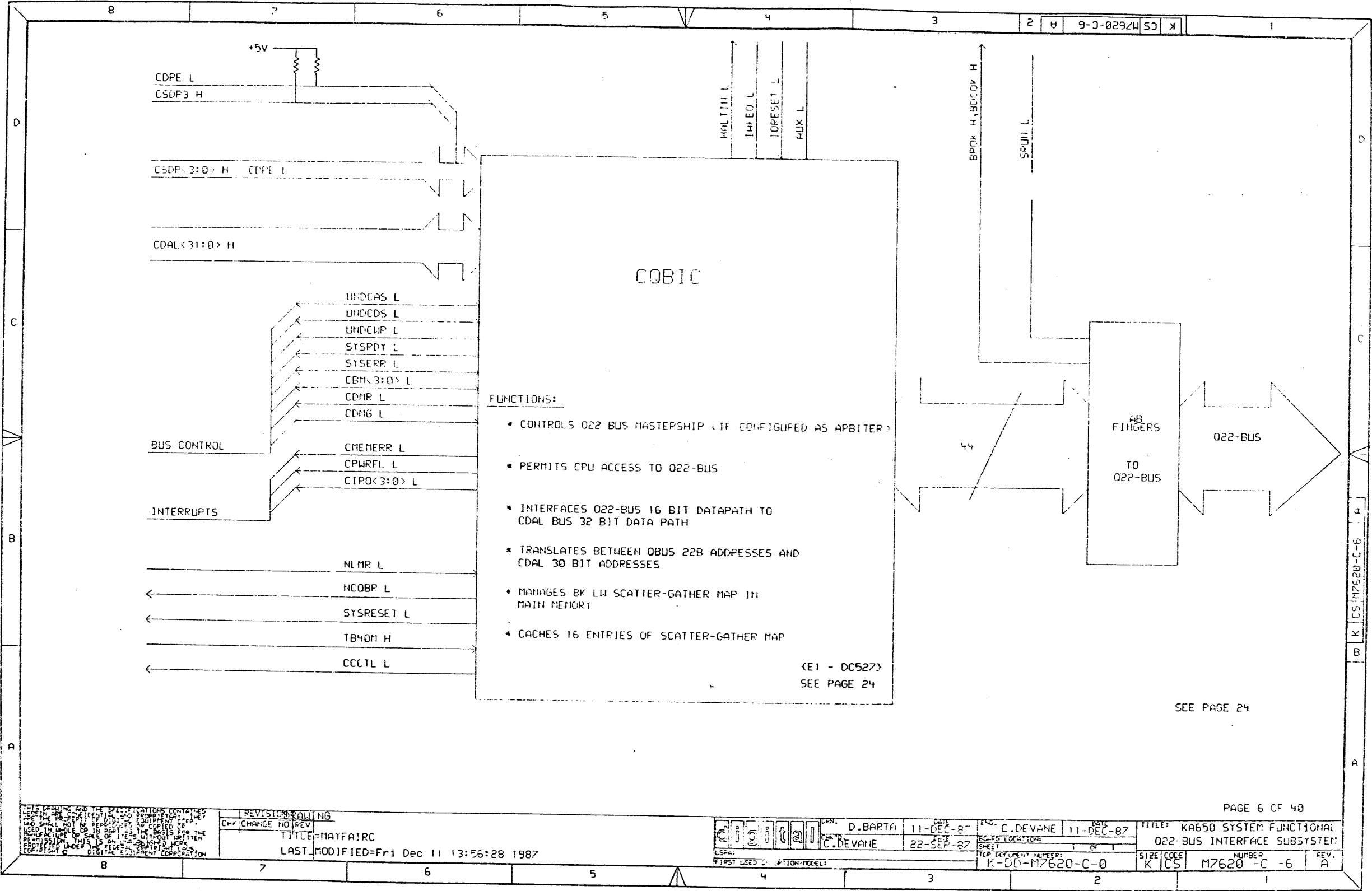
D	I	G	I	T	A	L	TITLE	KA650	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	M7620-0-DBP	0











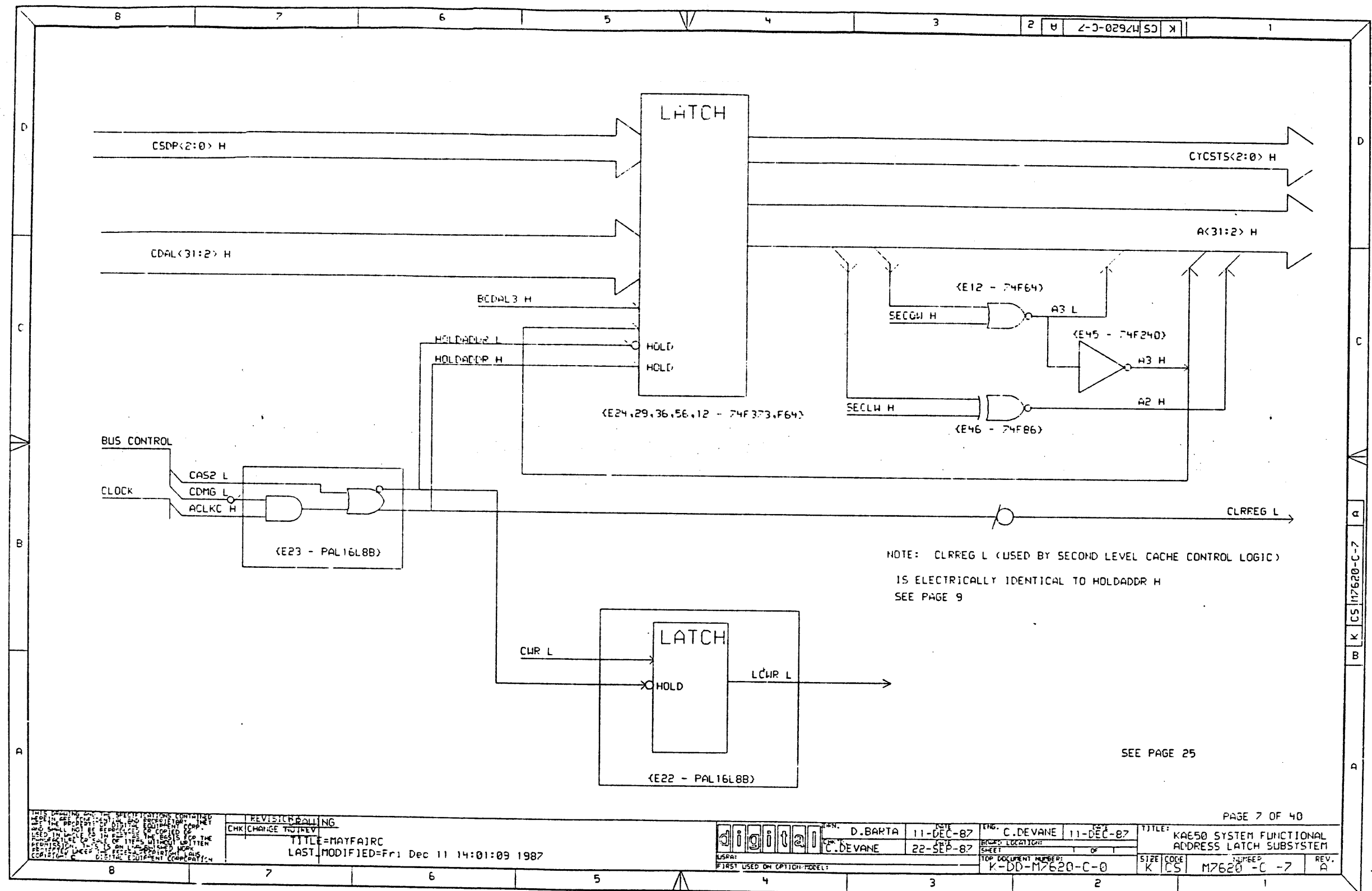
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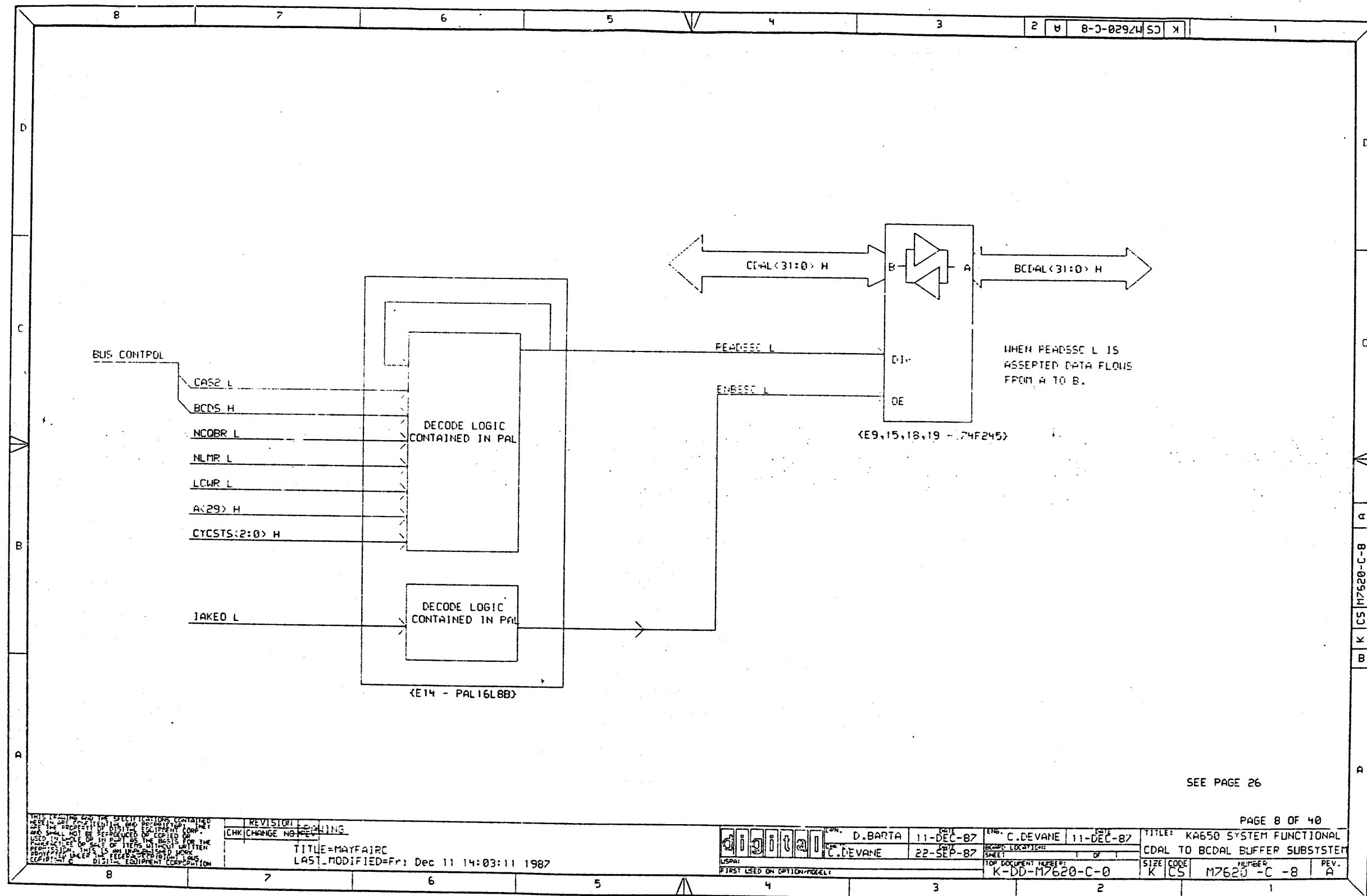
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C- CHANGE NO. REV.
TITLE=MAYFAIRC
LAST MODIFIED=Fri Dec 11 13:56:28 1987

DESIGNED BY: D.BARTA
CHECKED BY: C.DEVANE
DATE: 11-DEC-87
DATE: 22-SEP-87

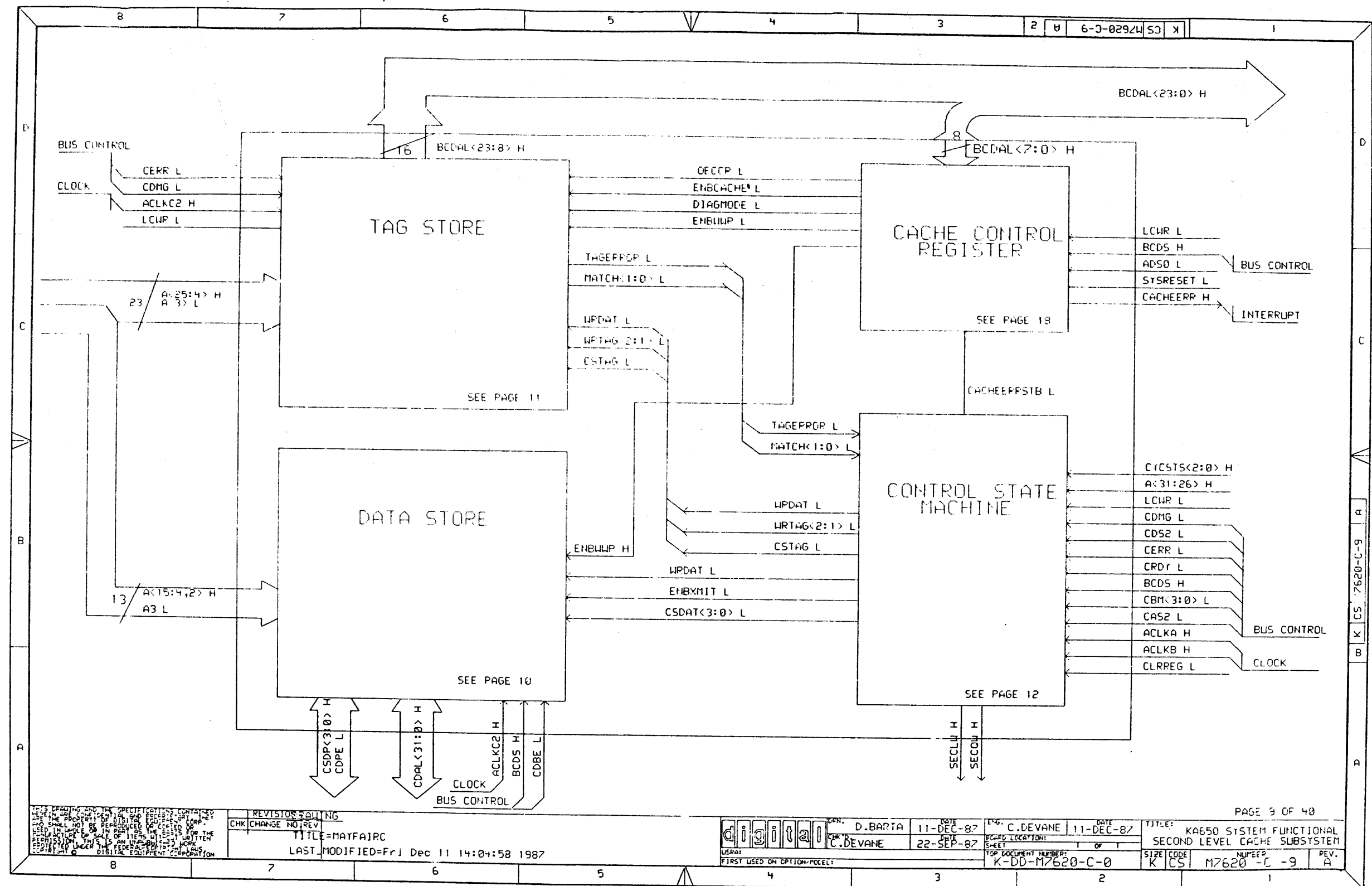
FILE NO.: C.DEVANE
DATE: 11-DEC-87
SHEET: 1 OF 1
TOP DOCUMENT NUMBER: K-DD-M7620-C-0

TITLE: KA650 SYSTEM FUNCTIONAL
022-BUS INTERFACE SUBSYSTEM
SIZE: K CS
NUMBER: M7620 -C -6
REV: A





SEE PAGE 26



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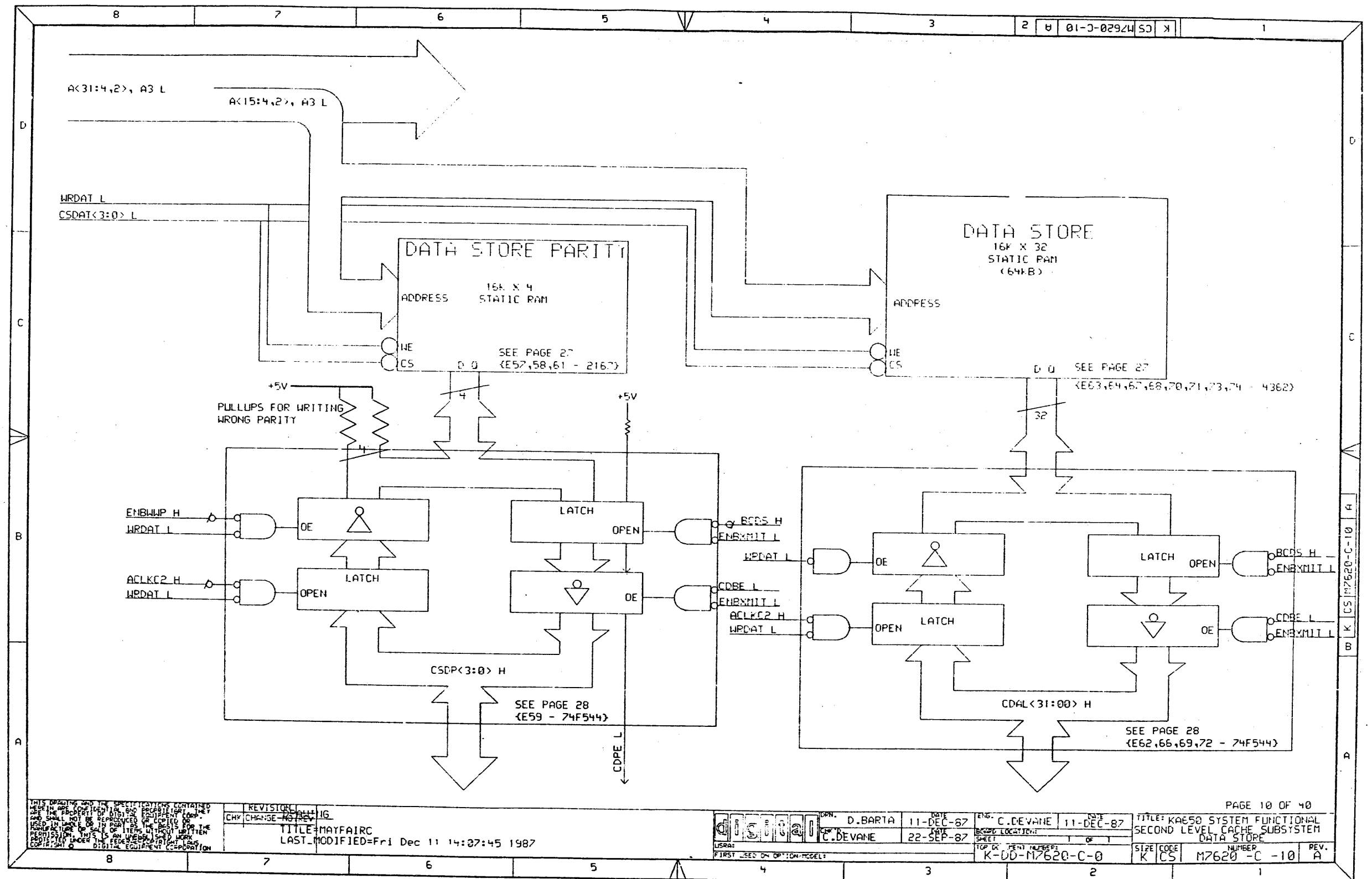
REVISIONS
 CHK CHANGE NO. REV
 TITLE=MAYFAIRC
 LAST MODIFIED=Fri Dec 11 14:04:58 1987

digital
 FIRST USED ON OPTION/MODEL:

DESIGNED BY: D.BARTIA
 DATE: 11-DEC-87
 CHECKED BY: C.DEVANE
 DATE: 22-SEP-87

ENG. C.DEVANE
 DATE: 11-DEC-87
 SHEET LOCATION: 1 OF 1
 TOP DOCUMENT NUMBER: K-DD-M7620-C-0

TITLE: KA650 SYSTEM FUNCTIONAL SECOND LEVEL CACHE SUBSYSTEM
 SIZE: K CS
 CODE: M7620-C-9
 REV: A



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REVISION
CHG CHANGE-NO REV

TITLE: MAYFAIRC
LAST MODIFIED: Fri Dec 11 14:07:45 1987

DISC

DESIGNED BY: D.BARTIA

DATE: 11-DEC-87

DESIGNED BY: C.DEVANE

DATE: 11-DEC-87

DESIGNED BY: C.DEVANE

DATE: 22-SEP-87

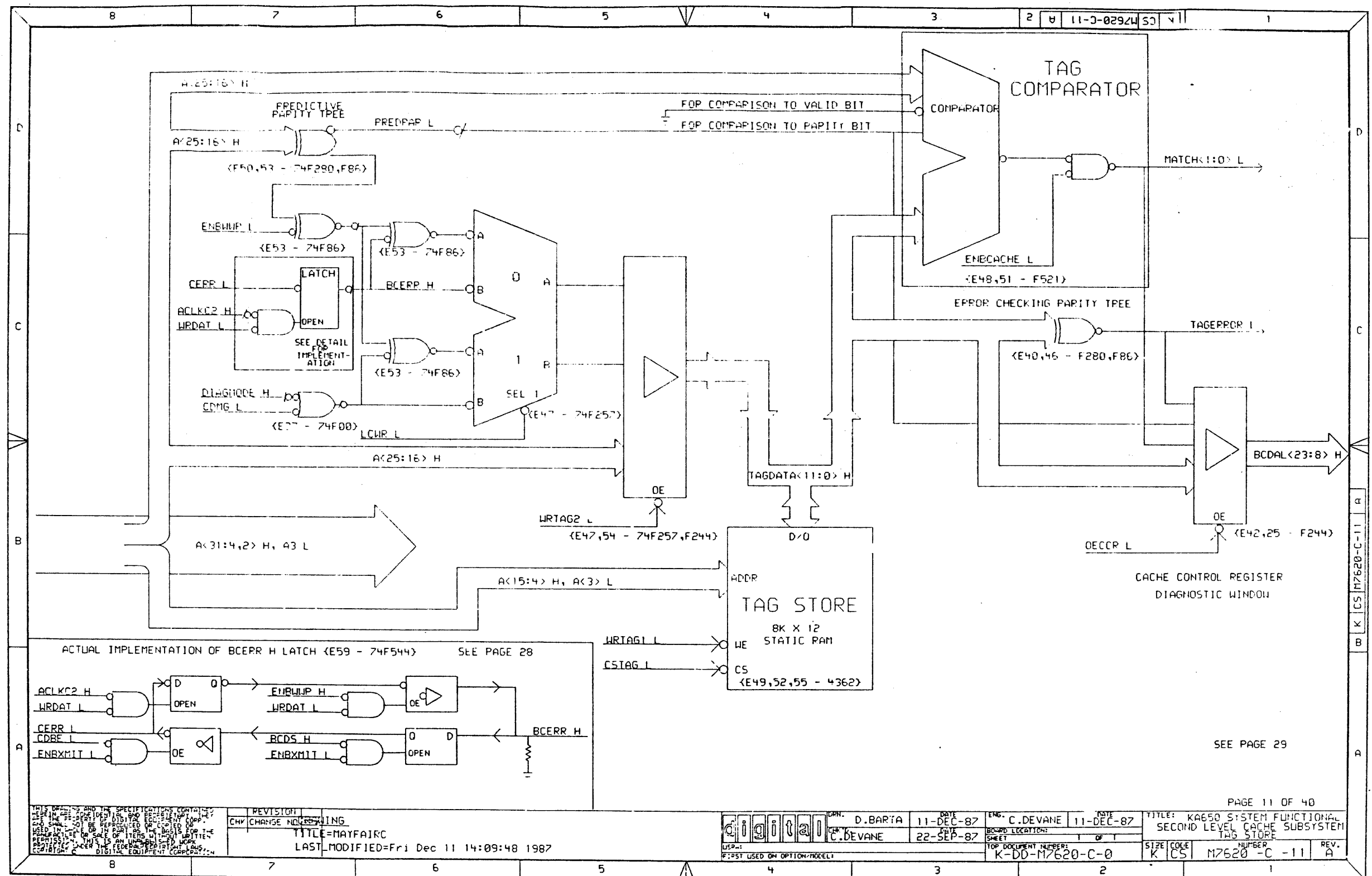
DESIGNED BY: C.DEVANE

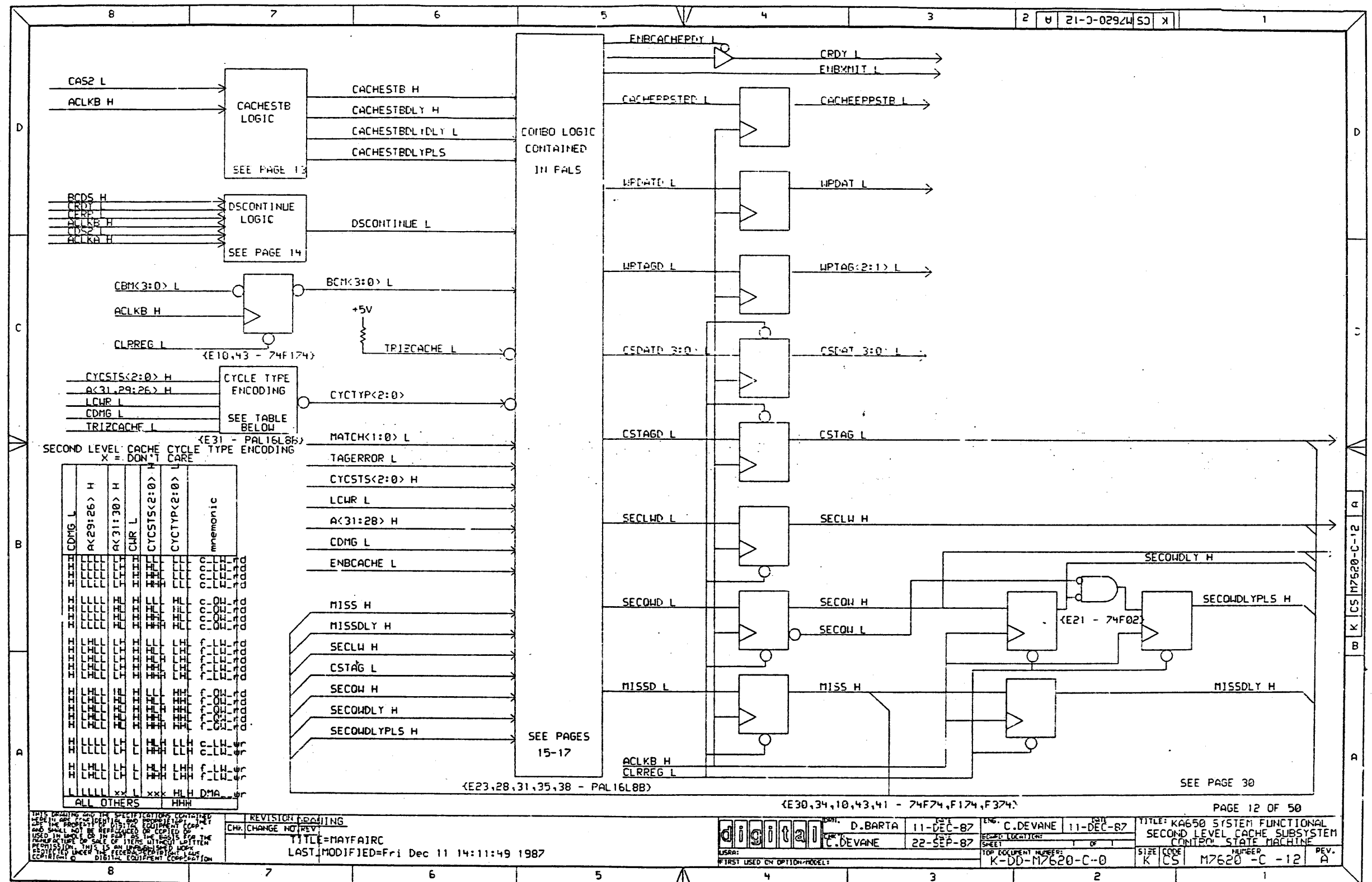
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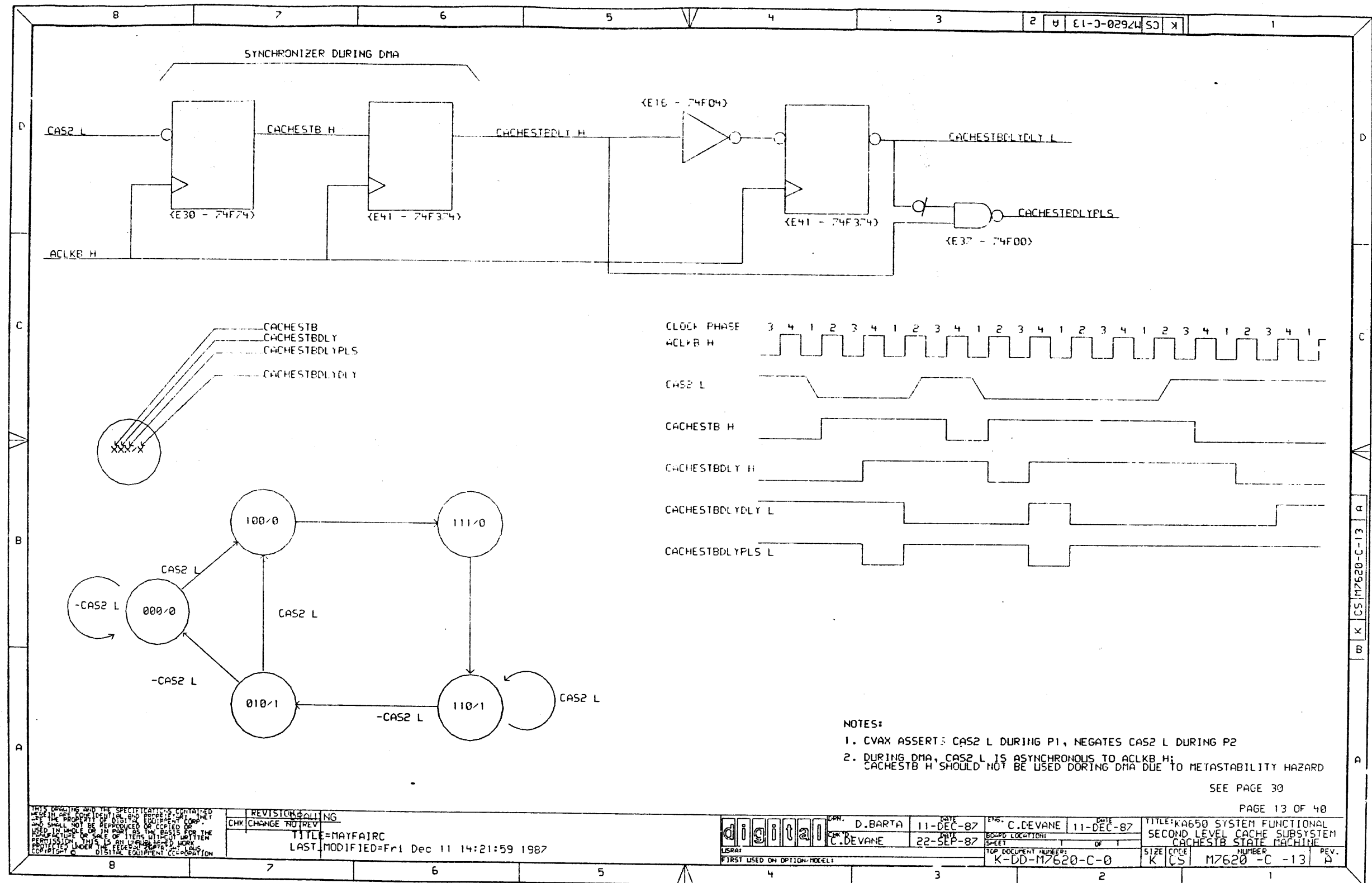
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SECOND LEVEL CACHE SUBSYSTEM
DATA STORE

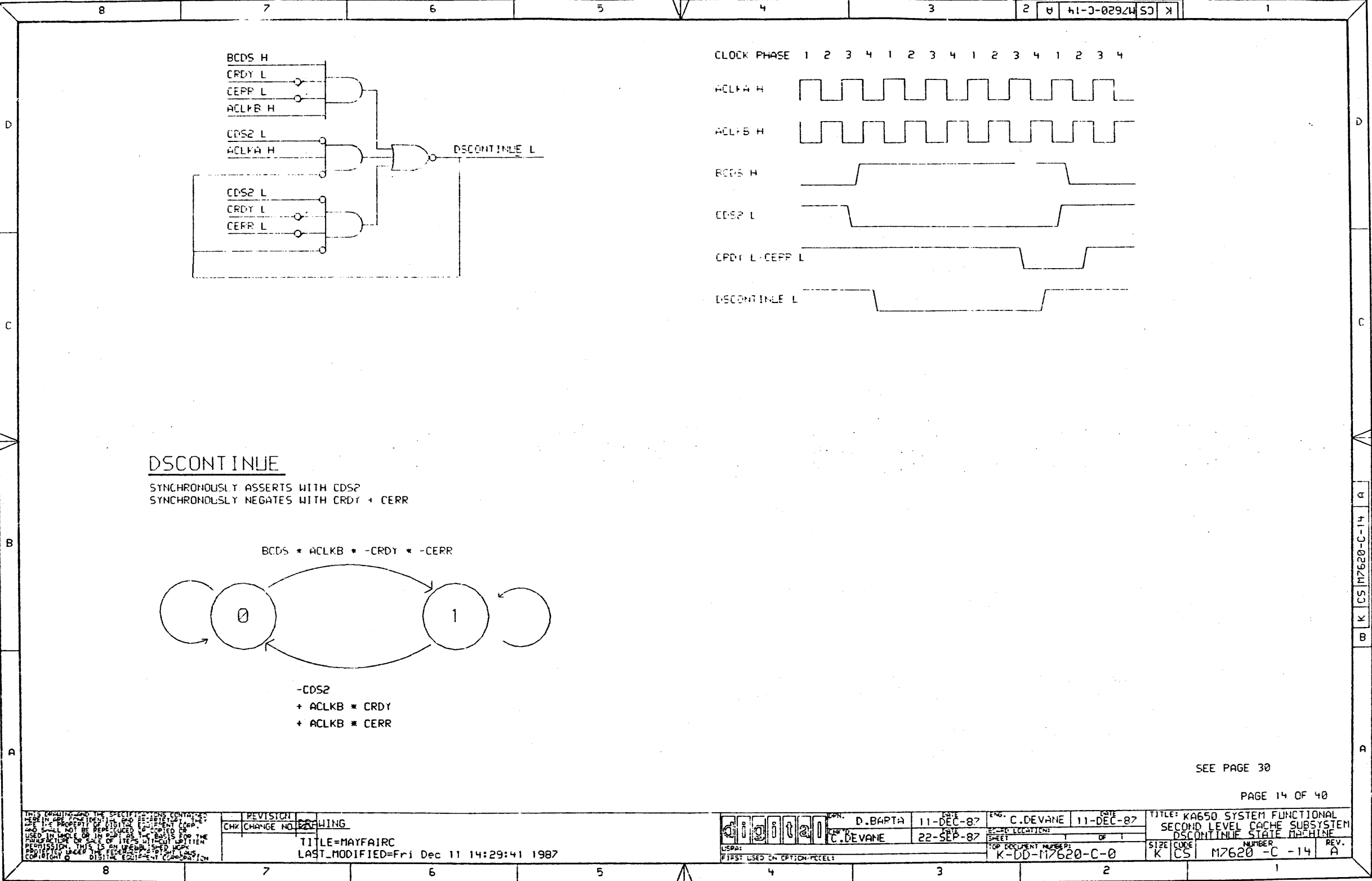
SIZE CODE NUMBER
K CS M7620 -C -10 A

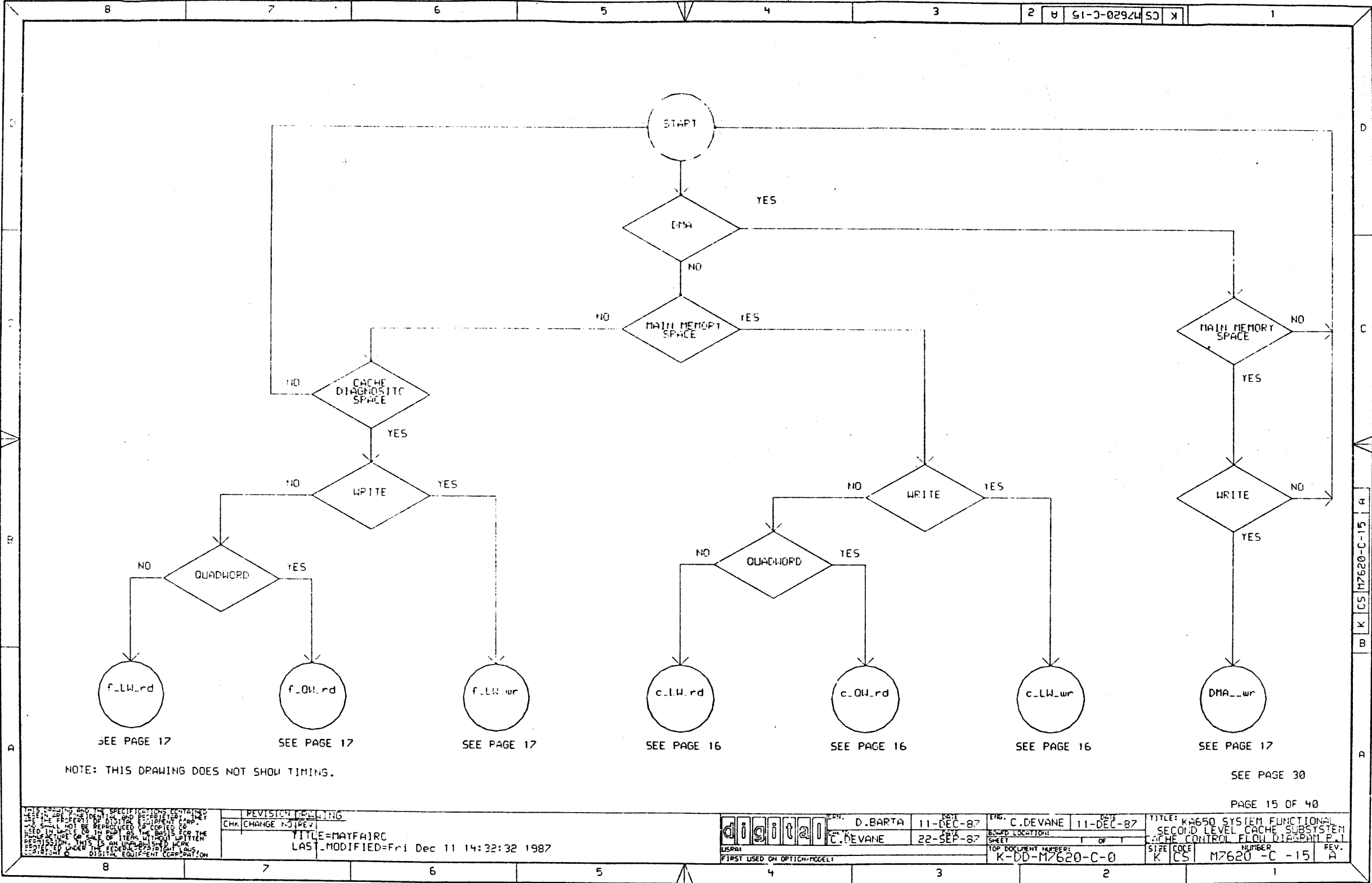
PAGE 10 OF 40

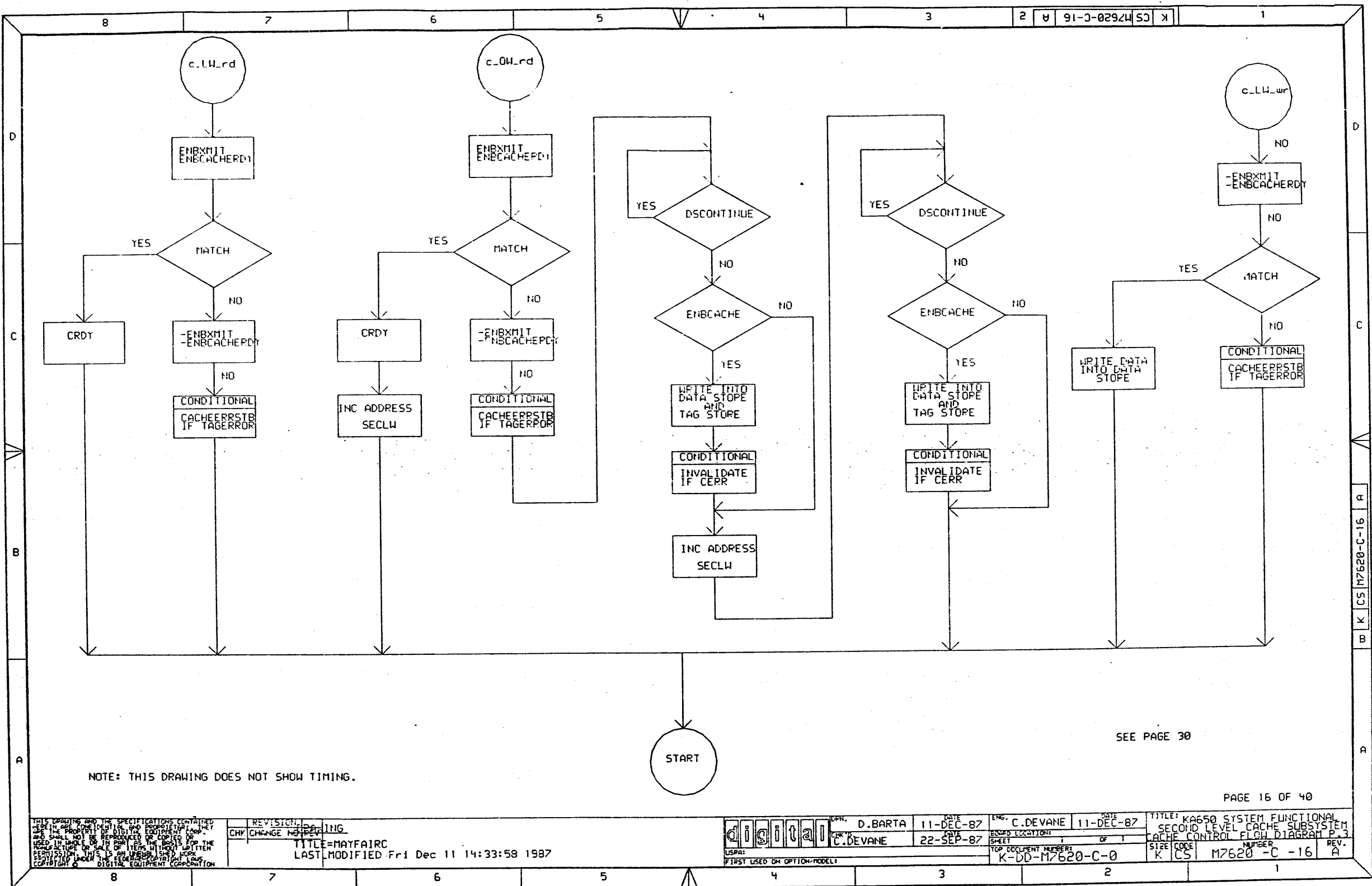


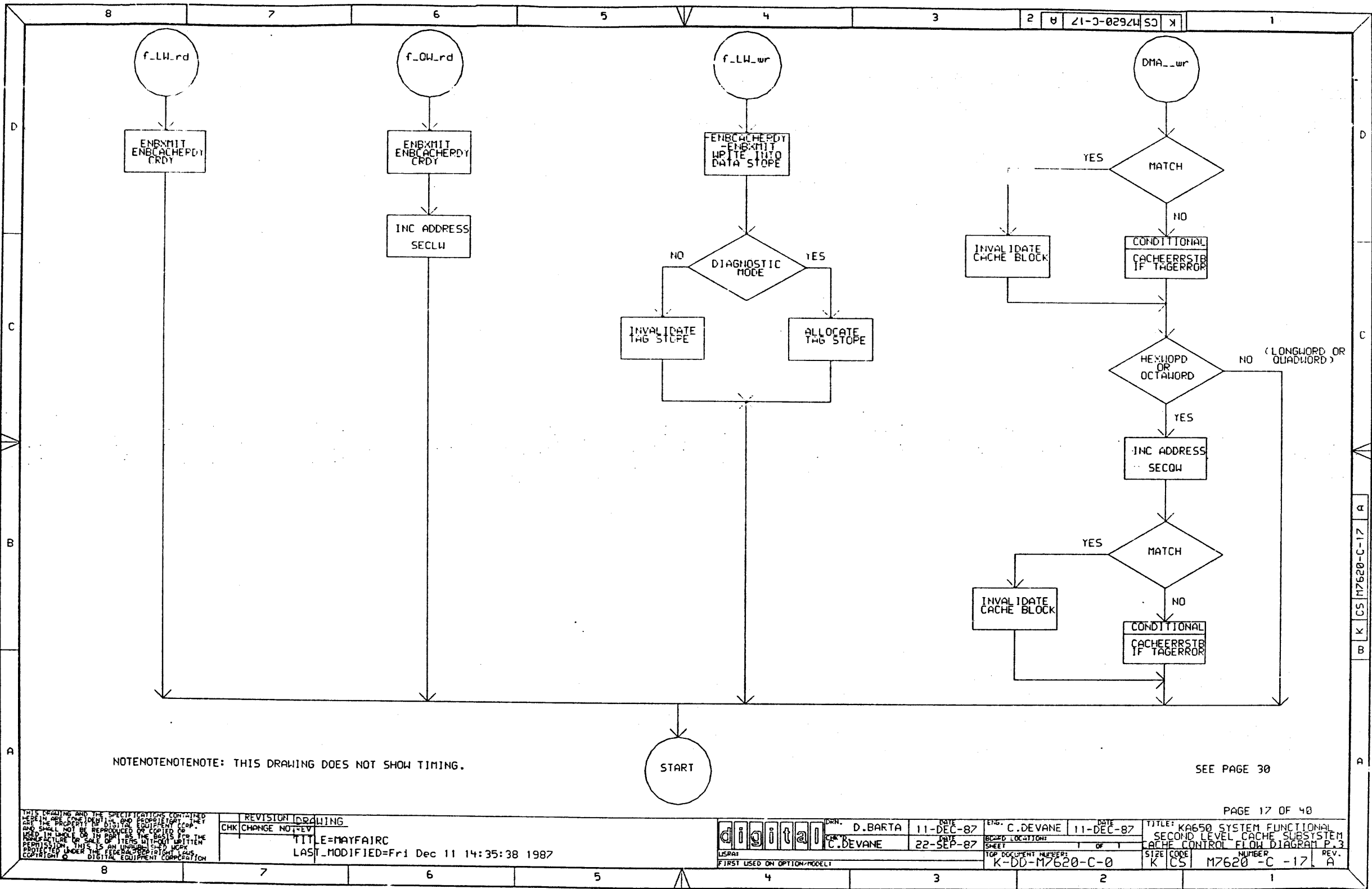


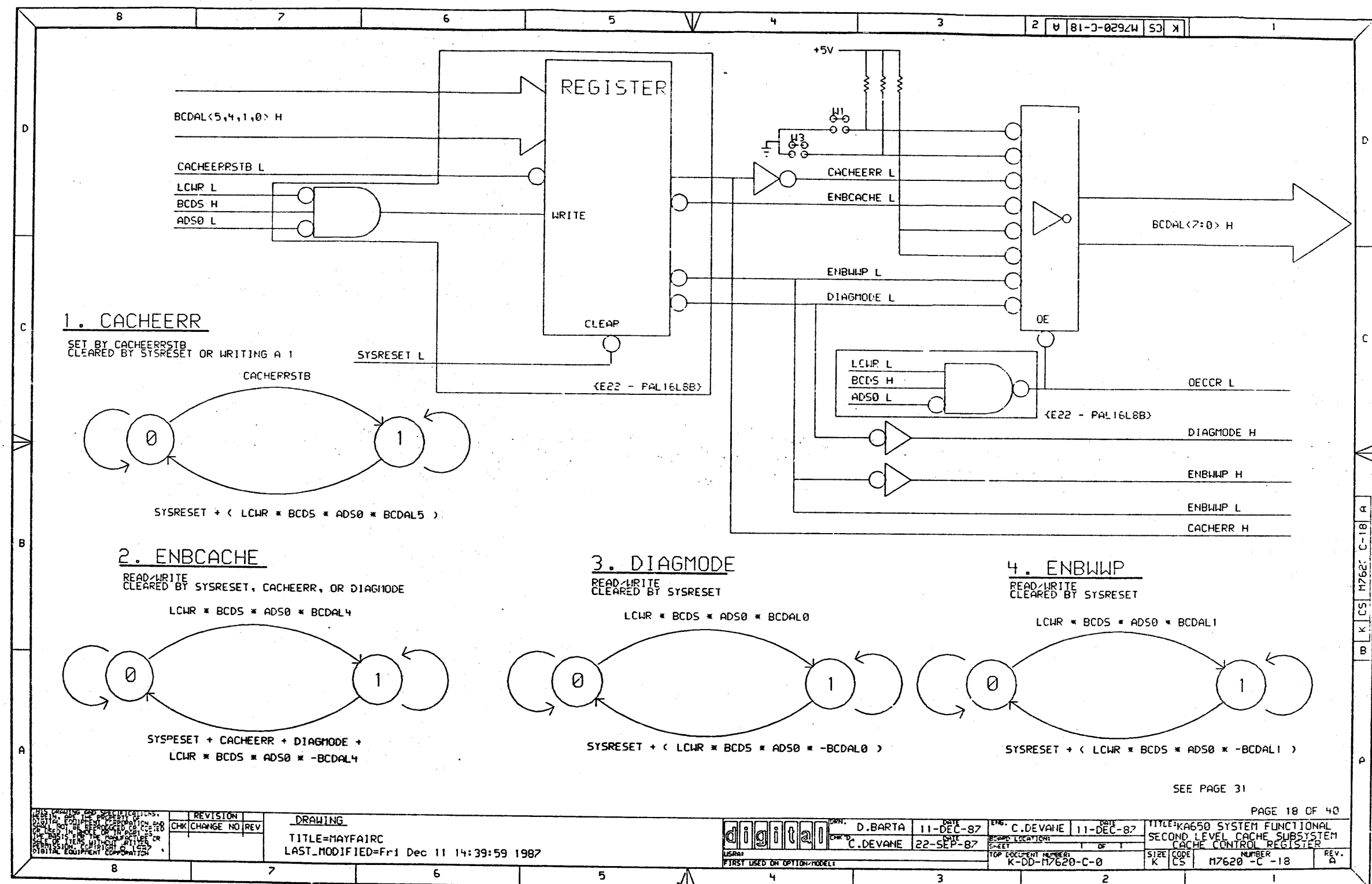


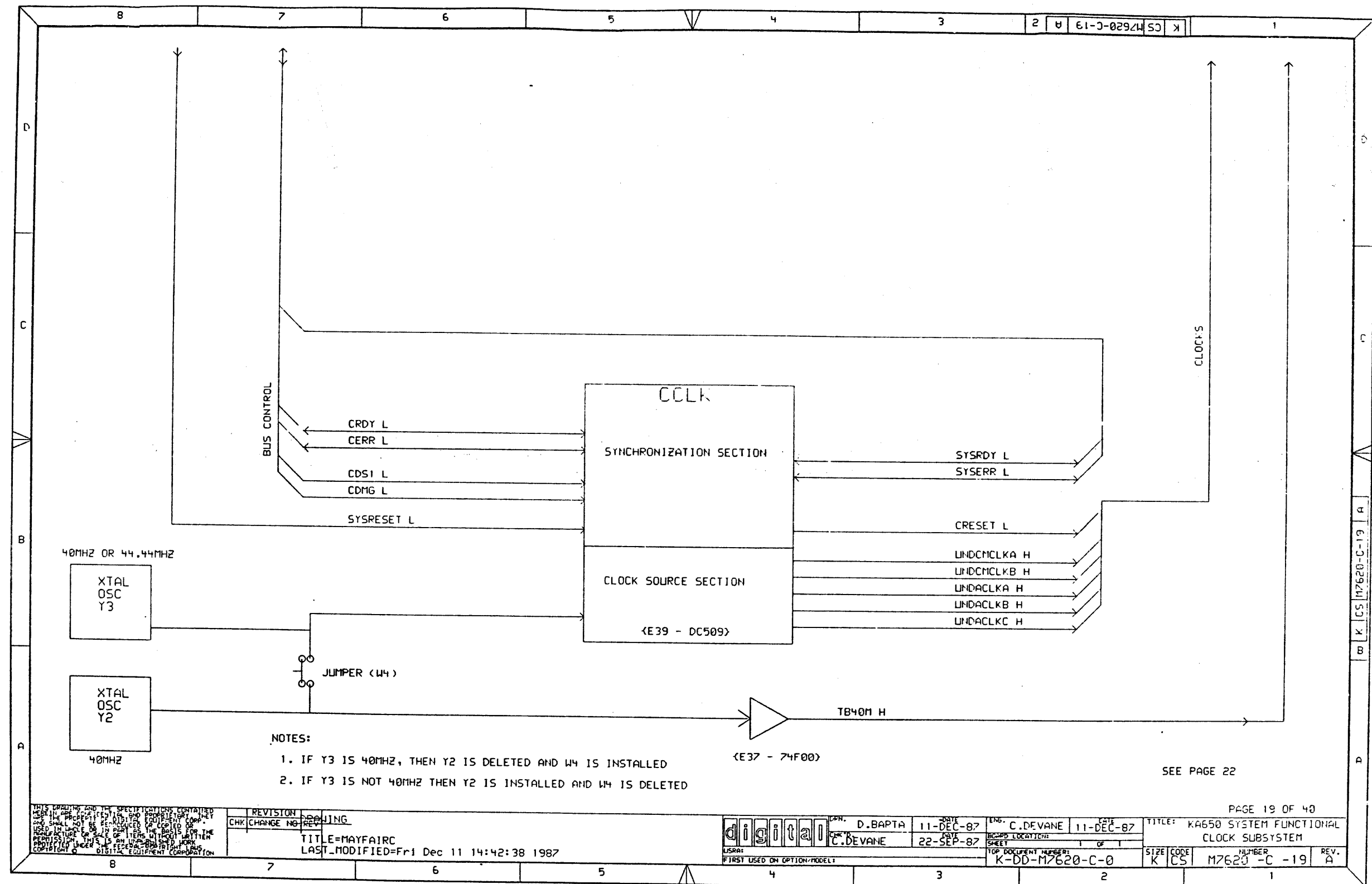


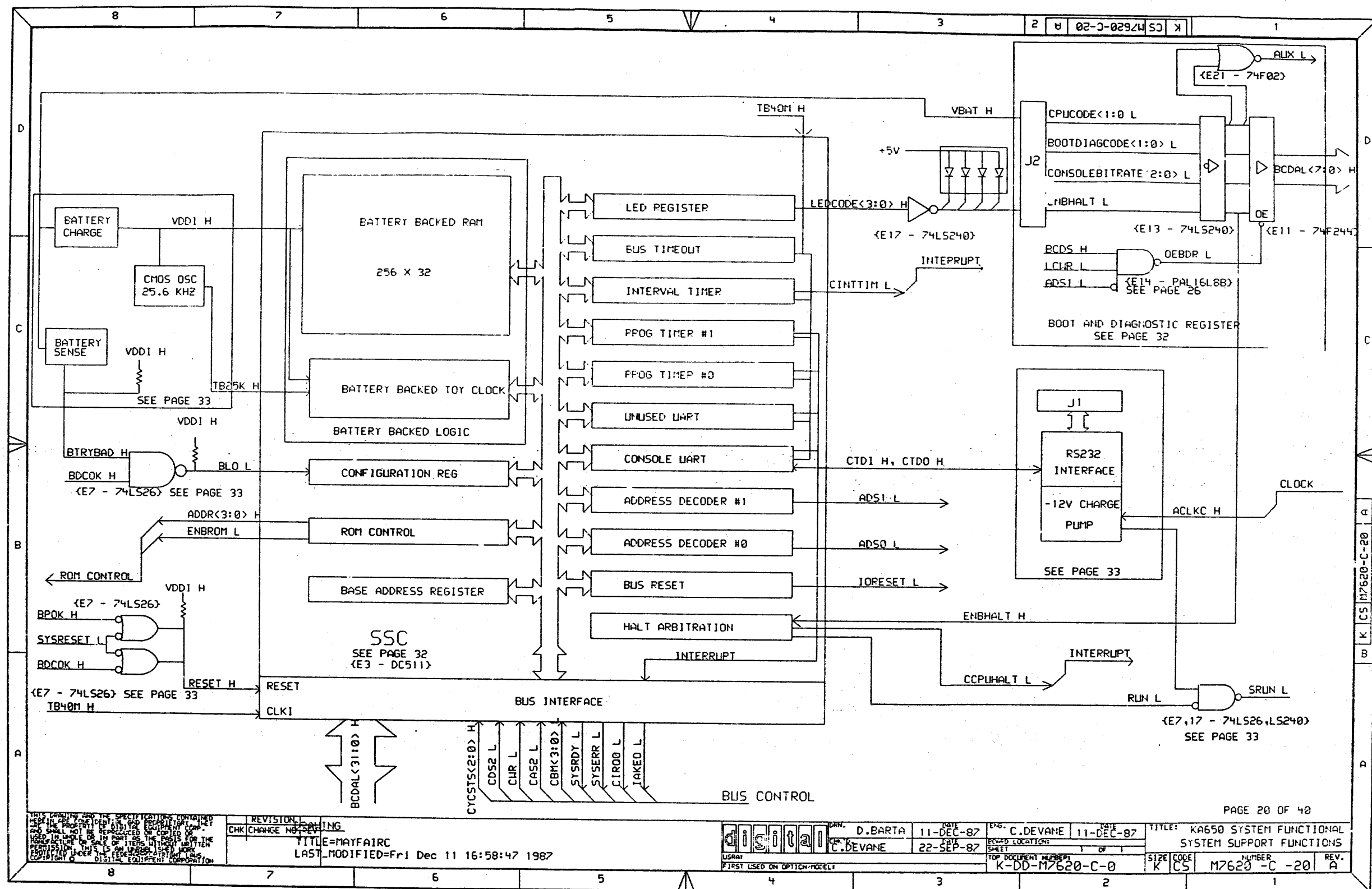


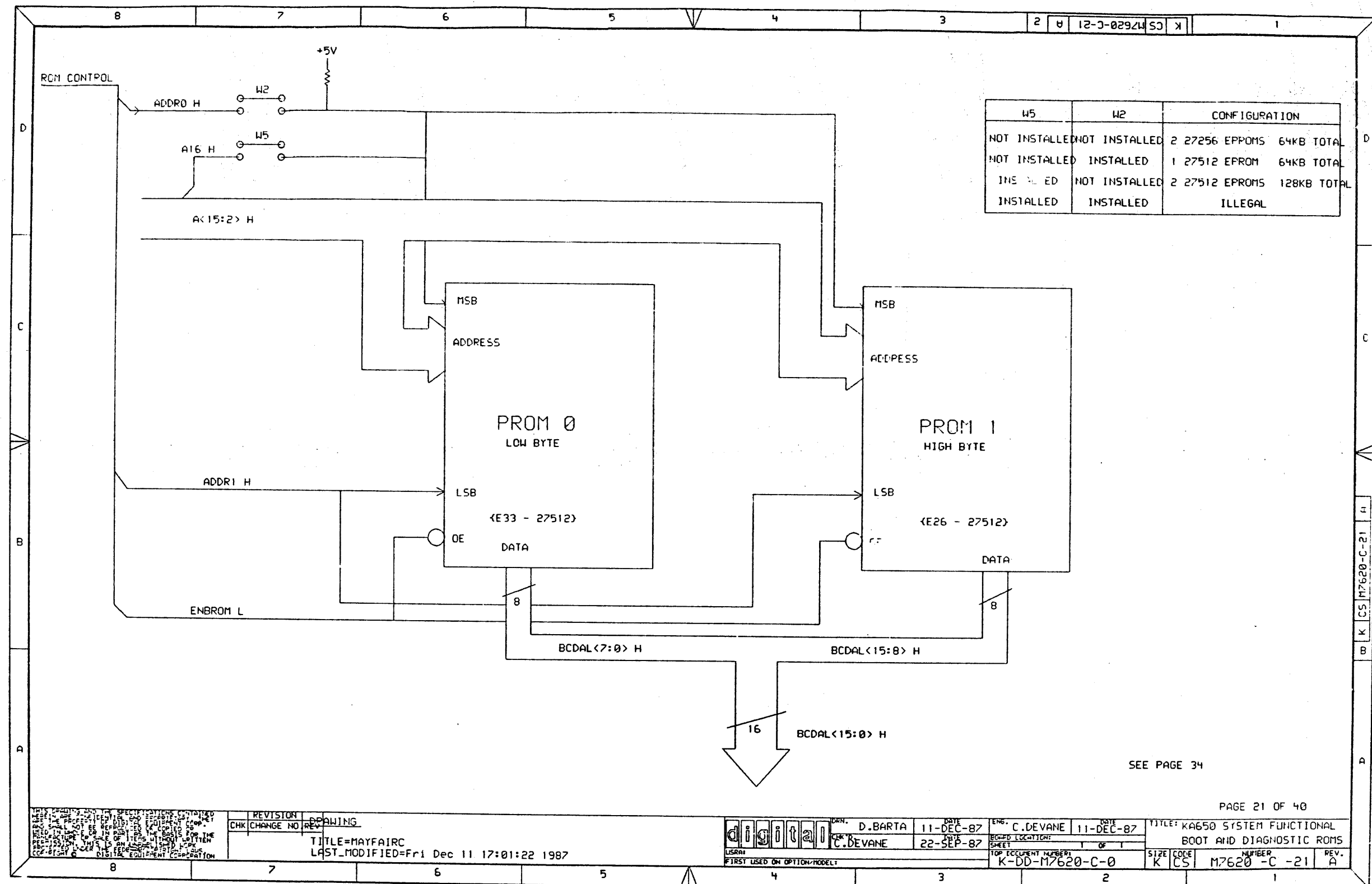


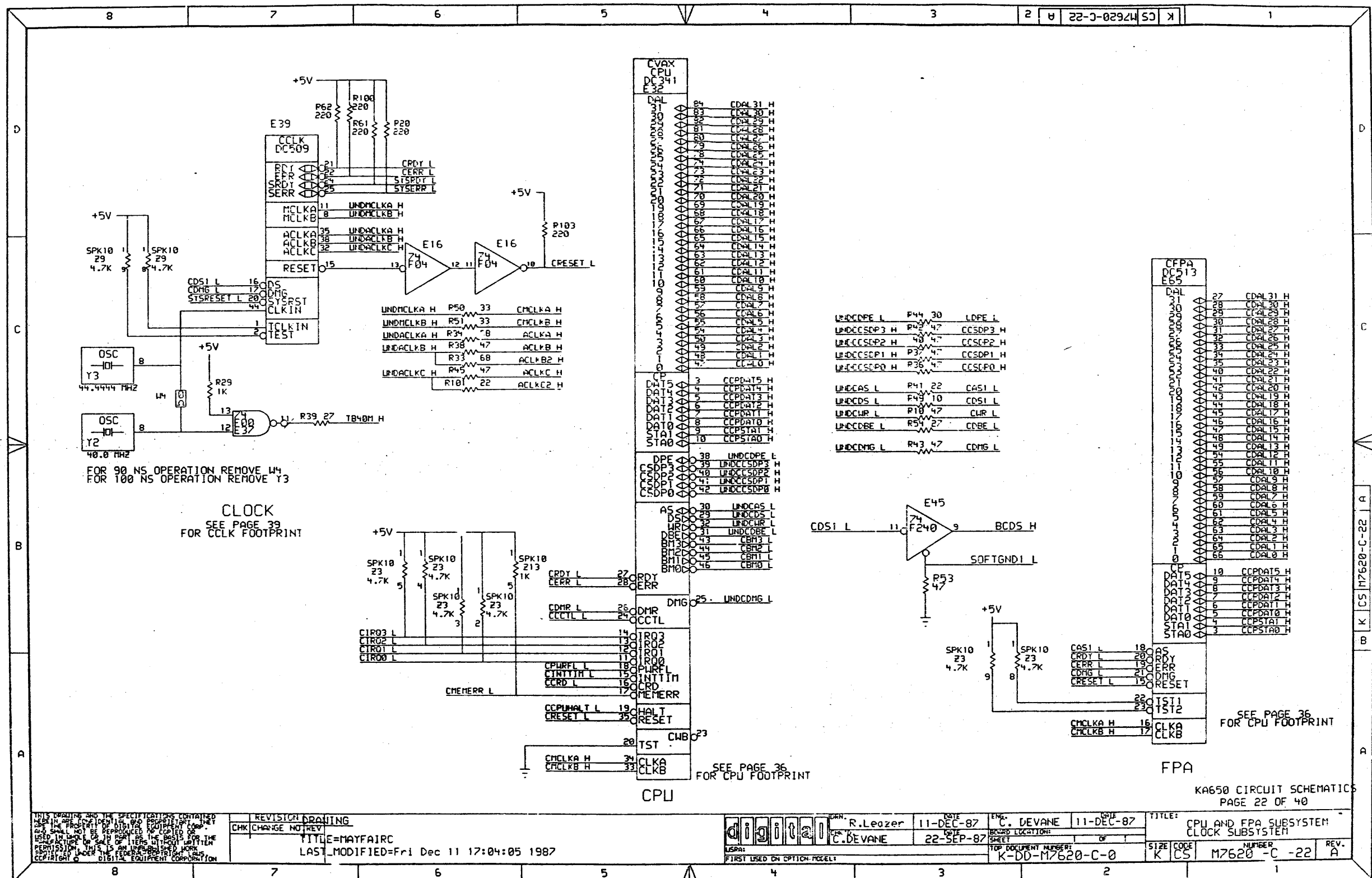


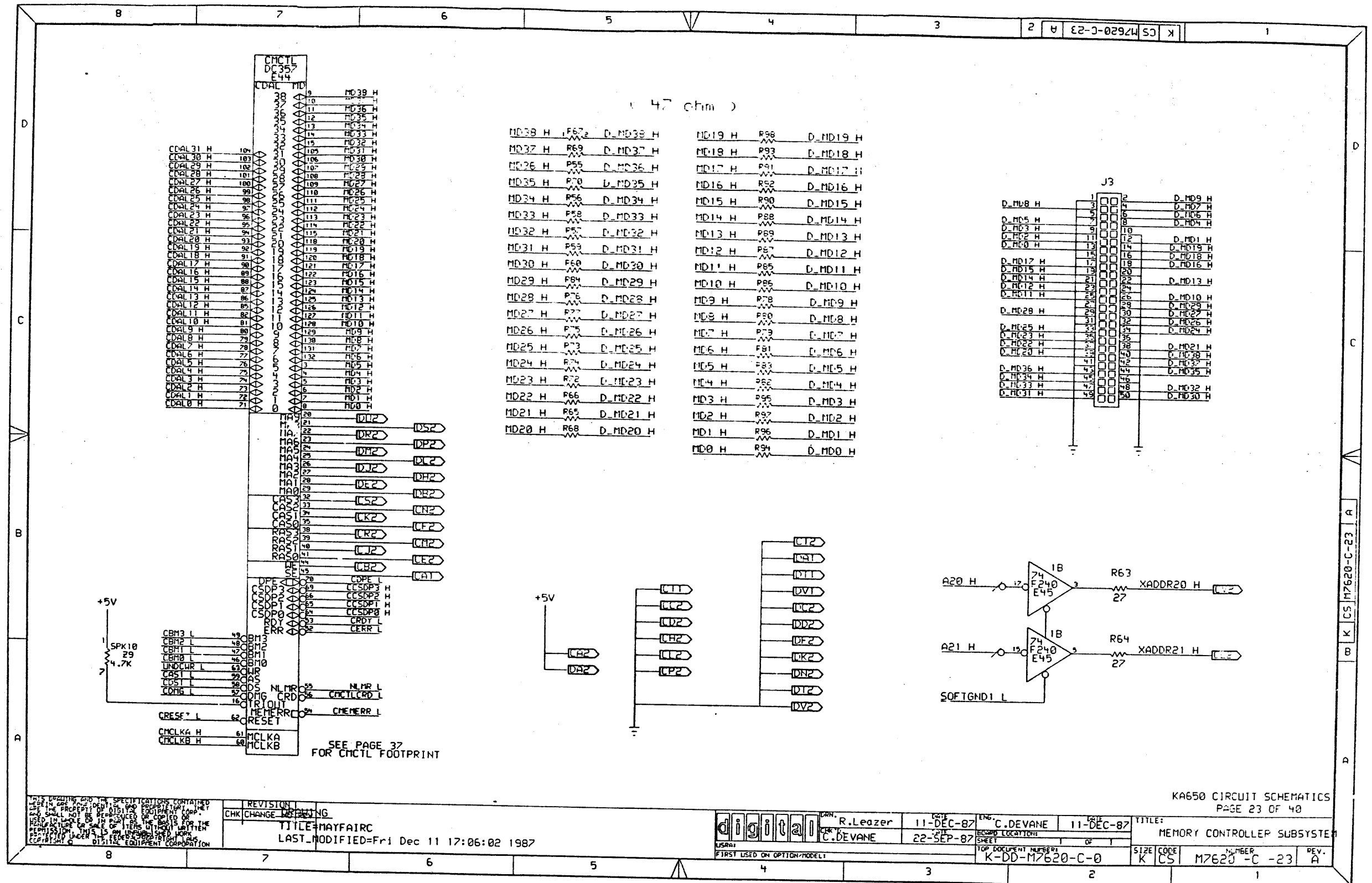


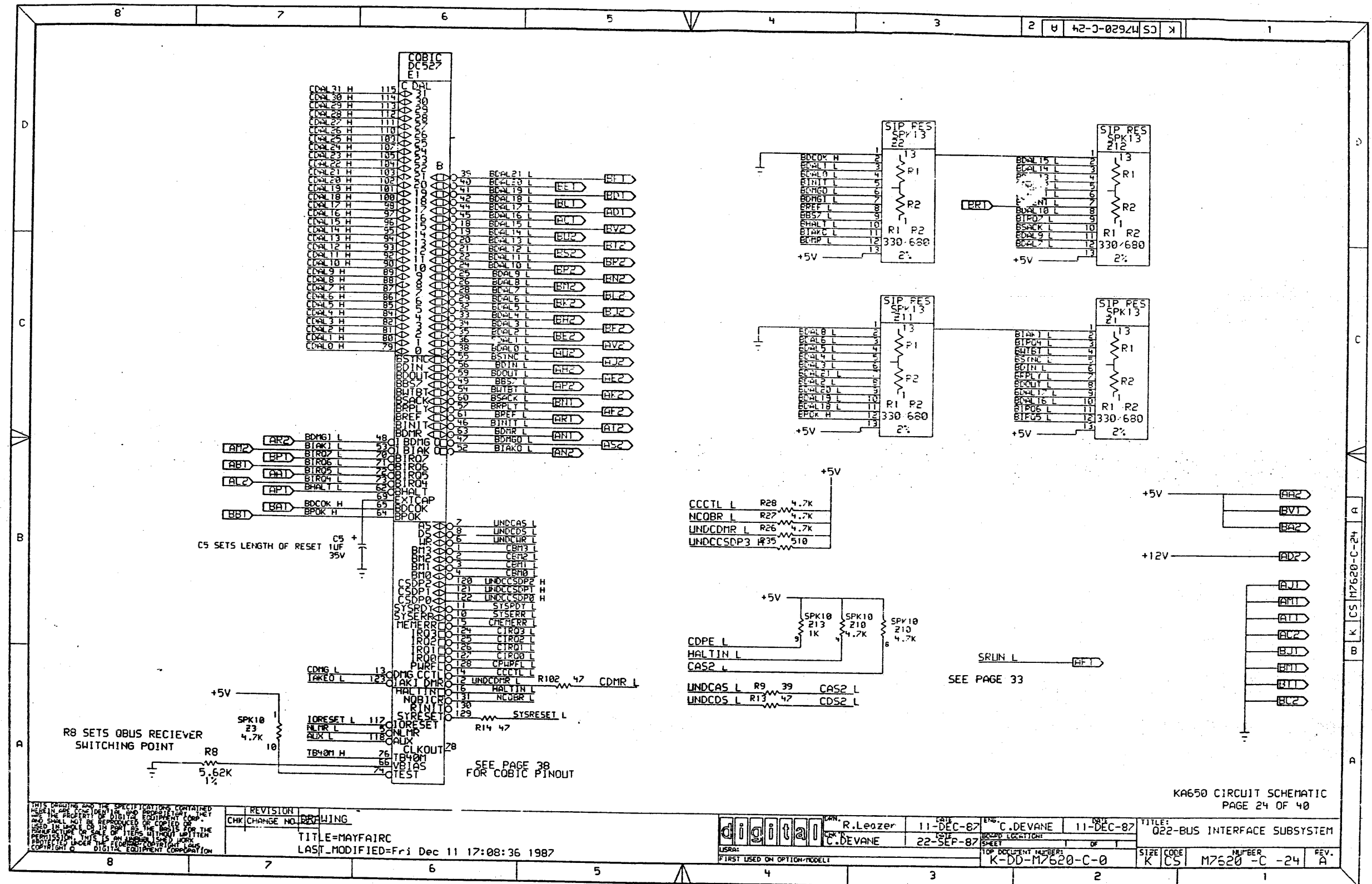


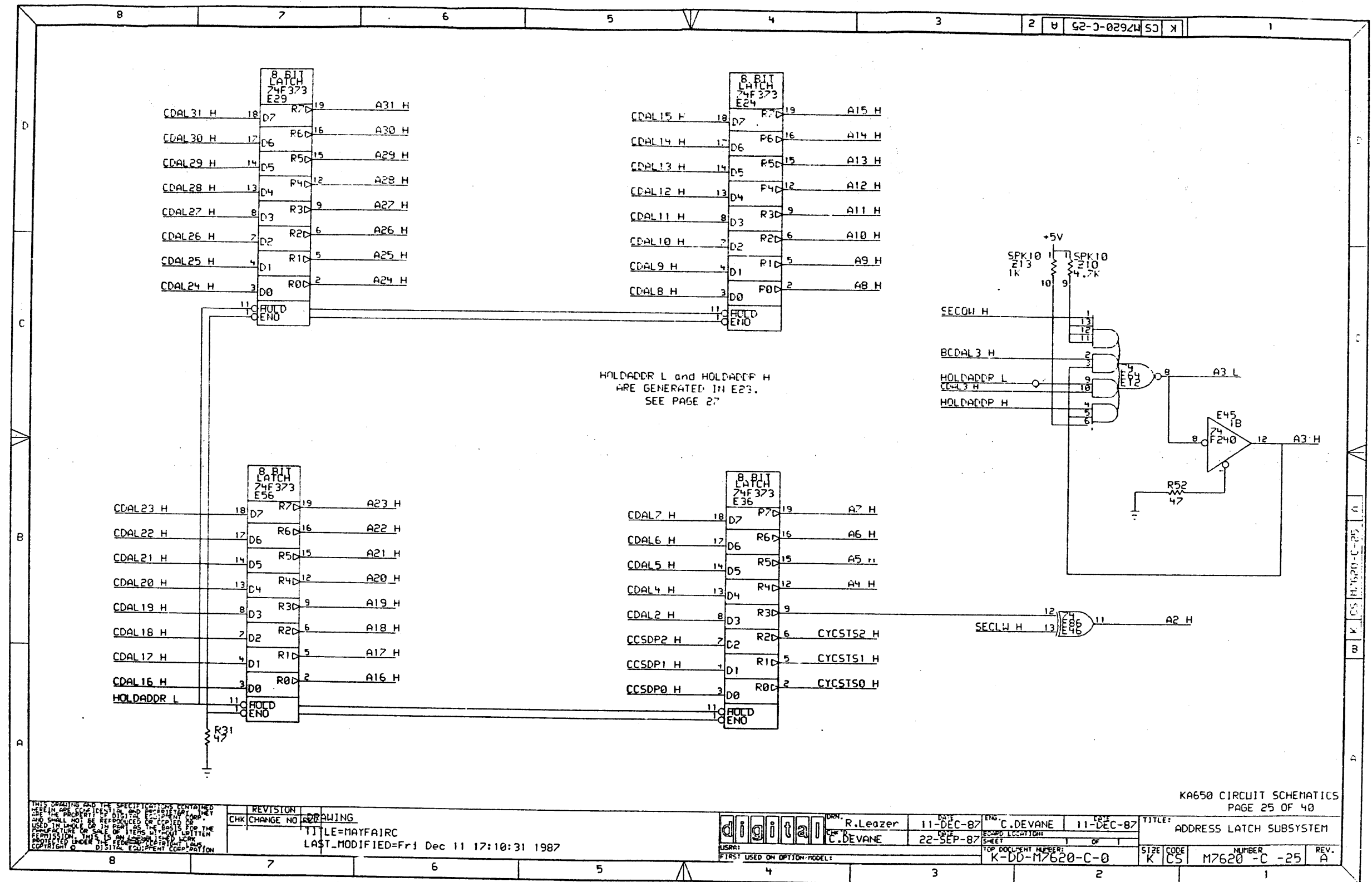


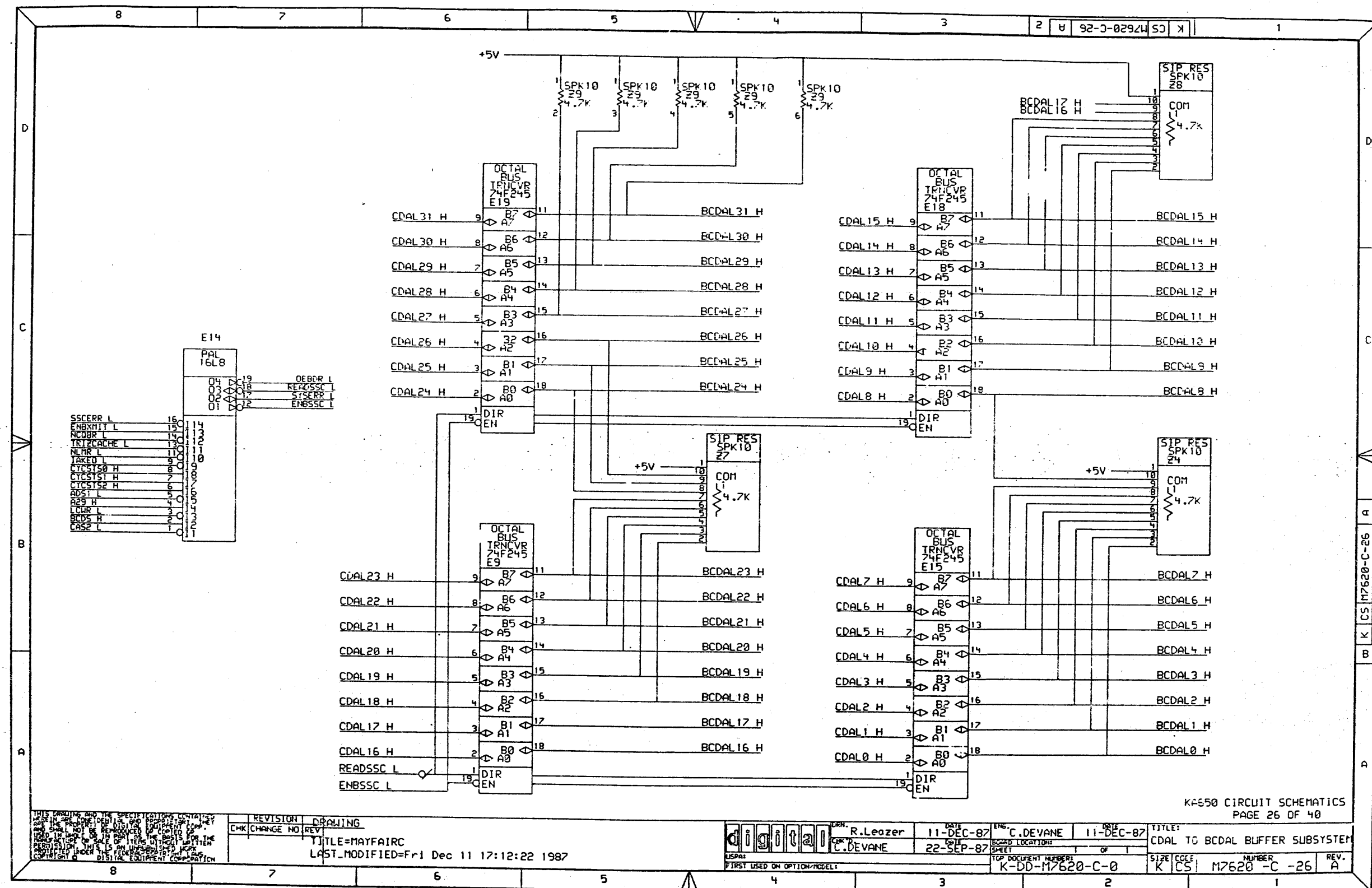












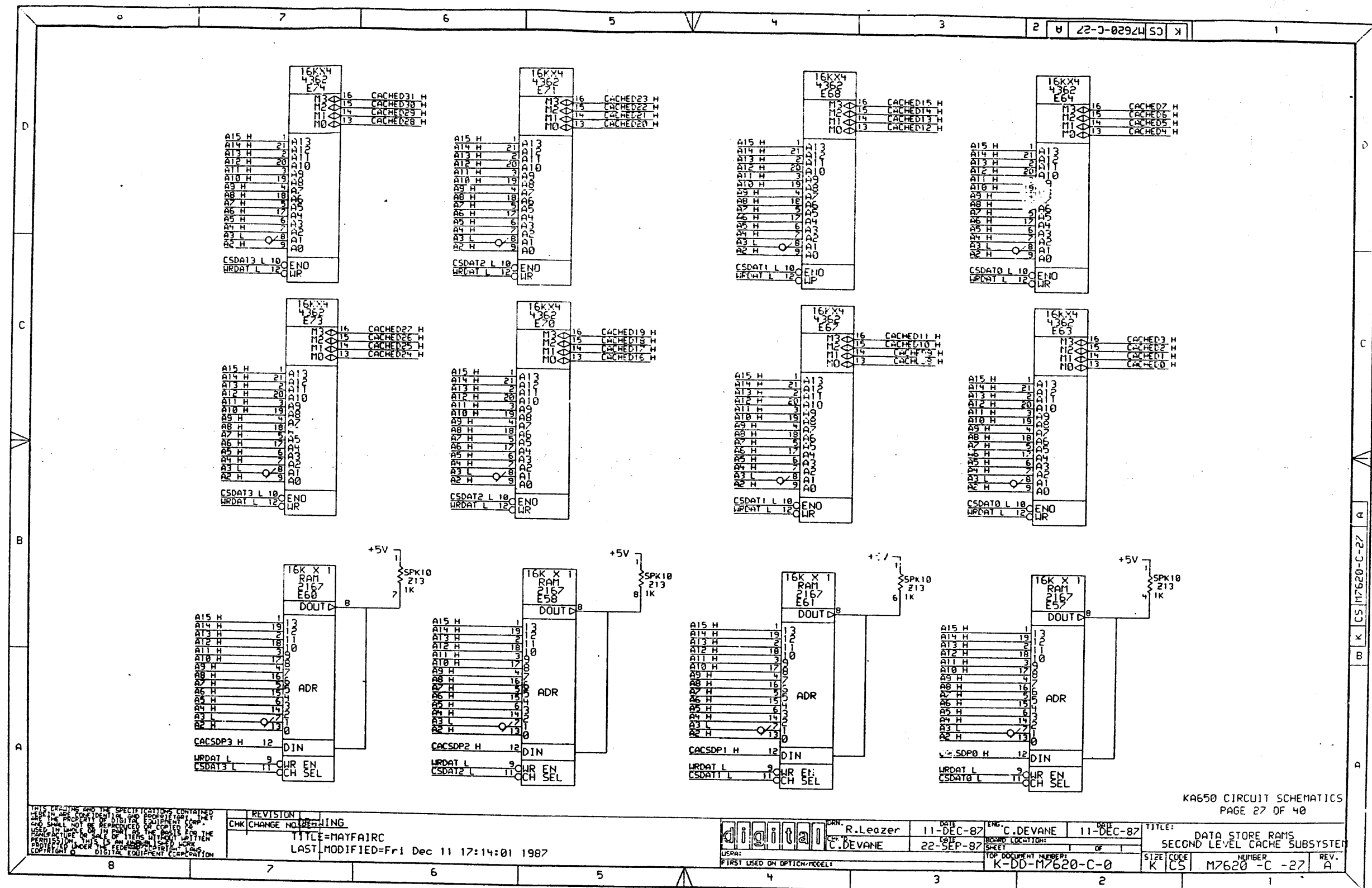
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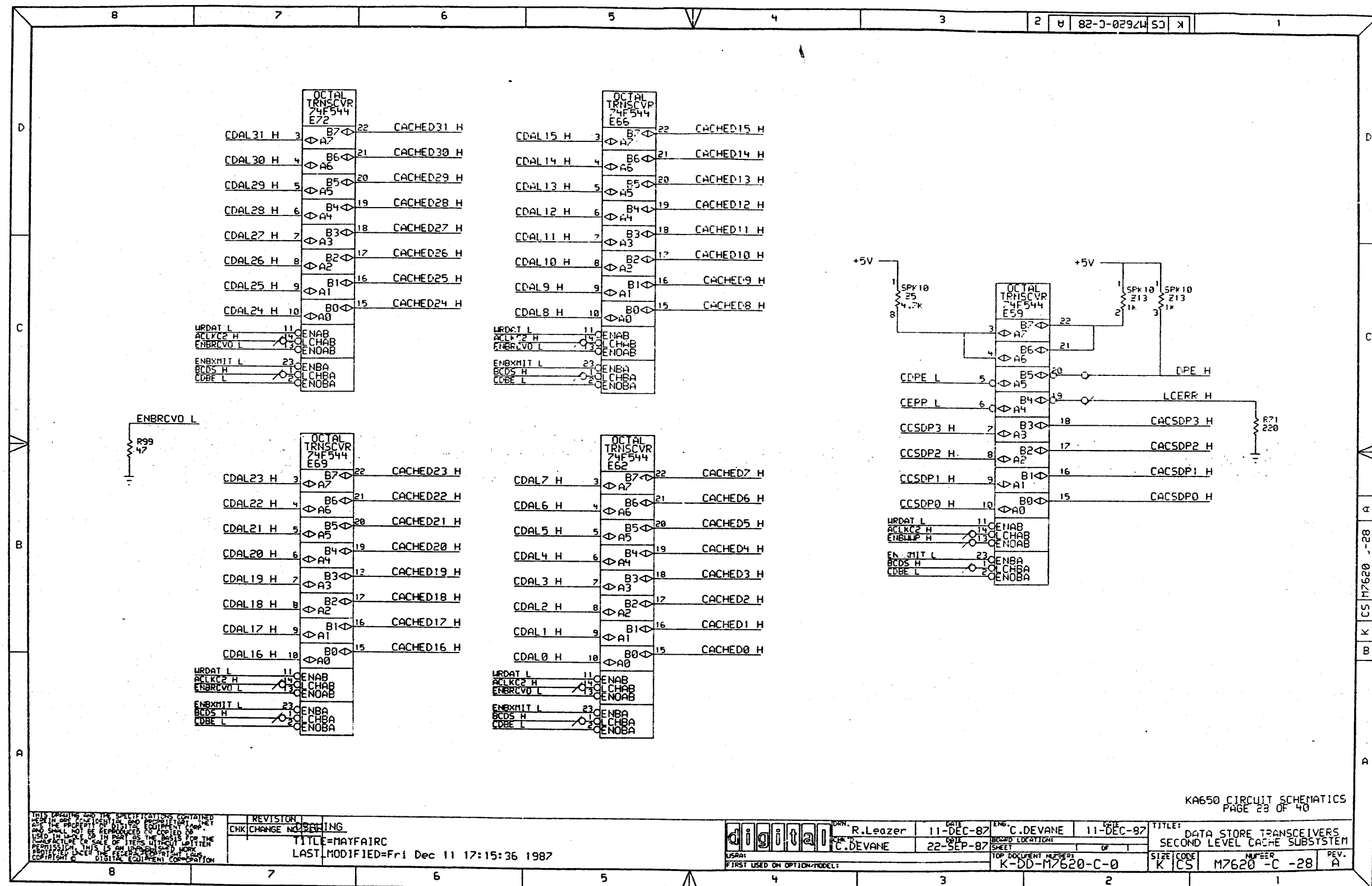
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CHK	CHANGE NO	REV	
TITLE=MAYFAIRC			
LAST_MODIFIED=Fri Dec 11 17:12:22 1987			

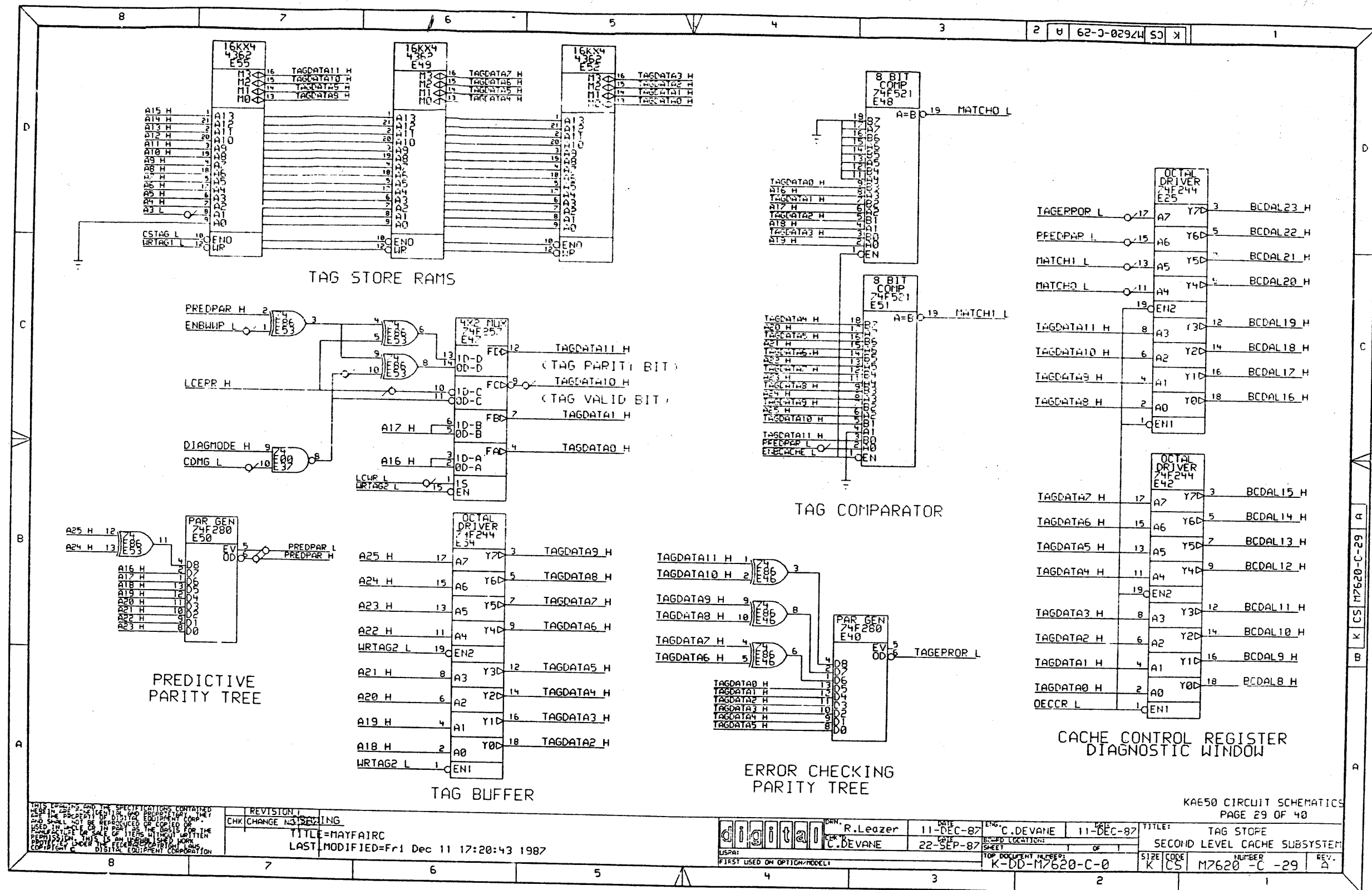
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FIRST USED ON OPTION MODEL:

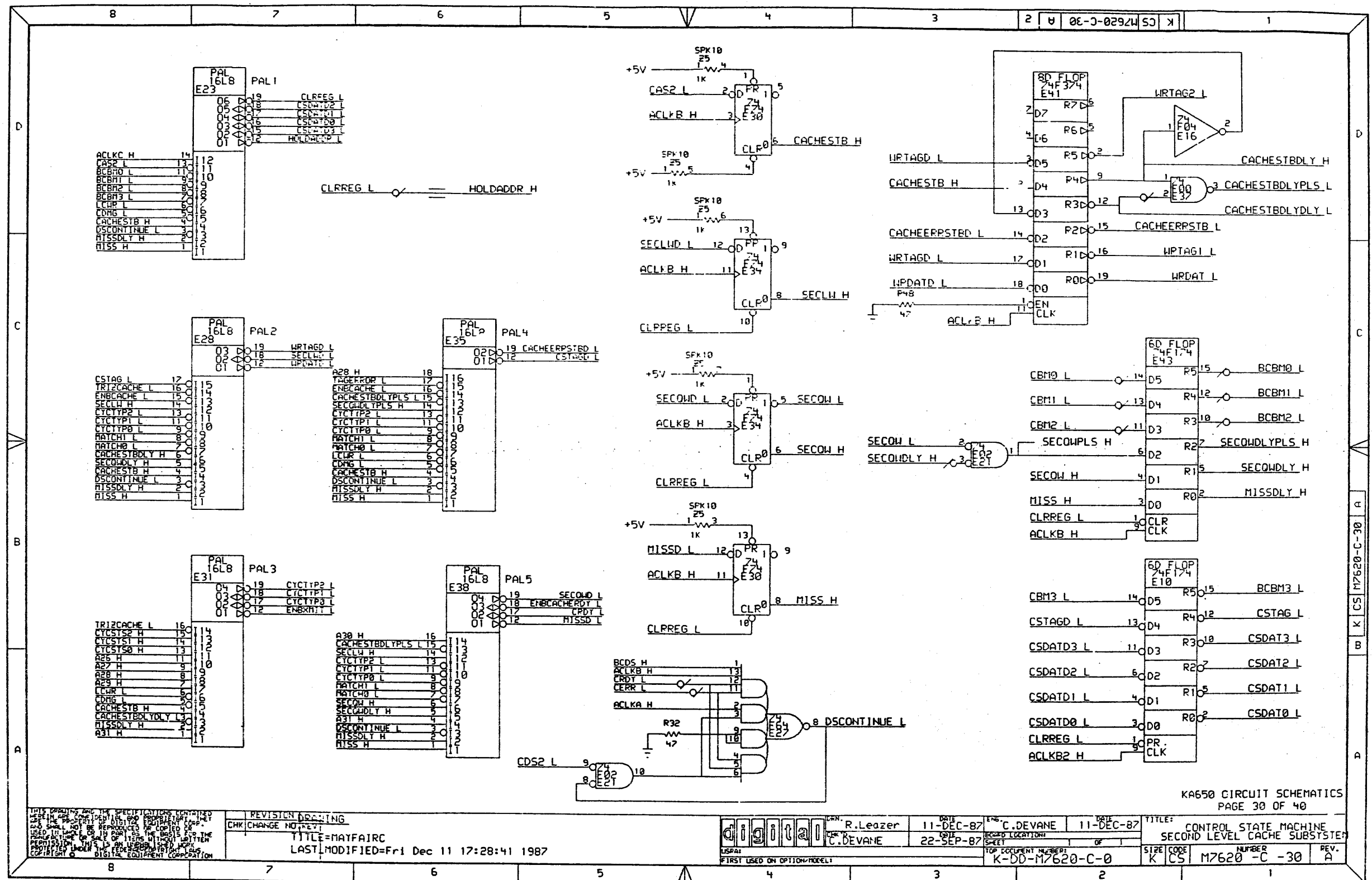
ENR.	R.Leazer	DATE	11-DEC-87	ENG.	C.DEVANE	DATE	11-DEC-87
CHK.	C.DEVANE	DATE	22-SEP-87	BOARD LOCATION			
				SHEET	OF 1		
				TOP DOCUMENT NUMBER	K-DD-M7620-C-0		

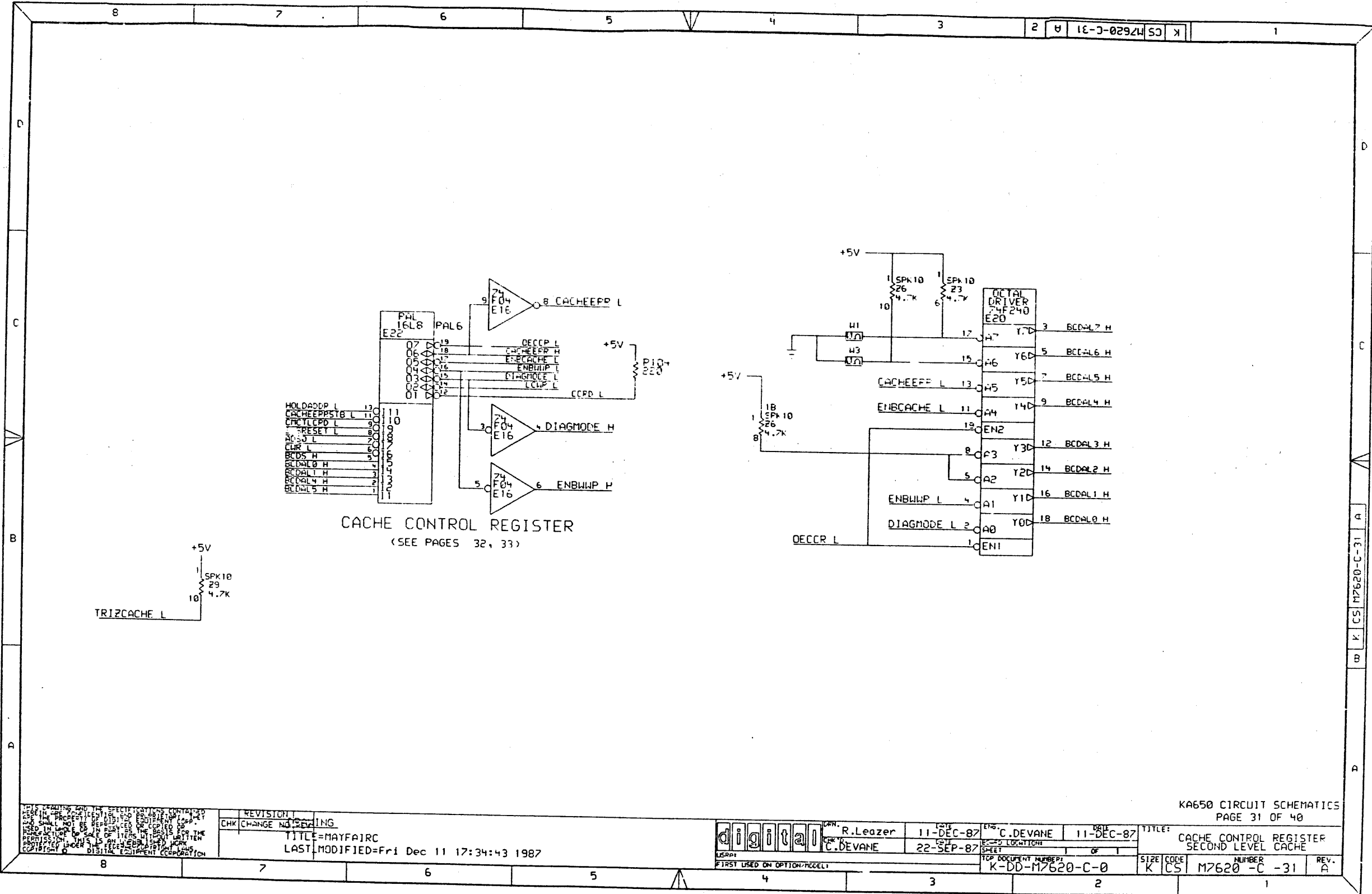
TITLES			
CDAL TO BCDAL BUFFER SUBSYSTEM			
SIZE	CODE	NUMBER	REV.
K	CS	M7620 -C -26	A











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LAST MODIFIED=Fri Dec 11 17:34:43 1987

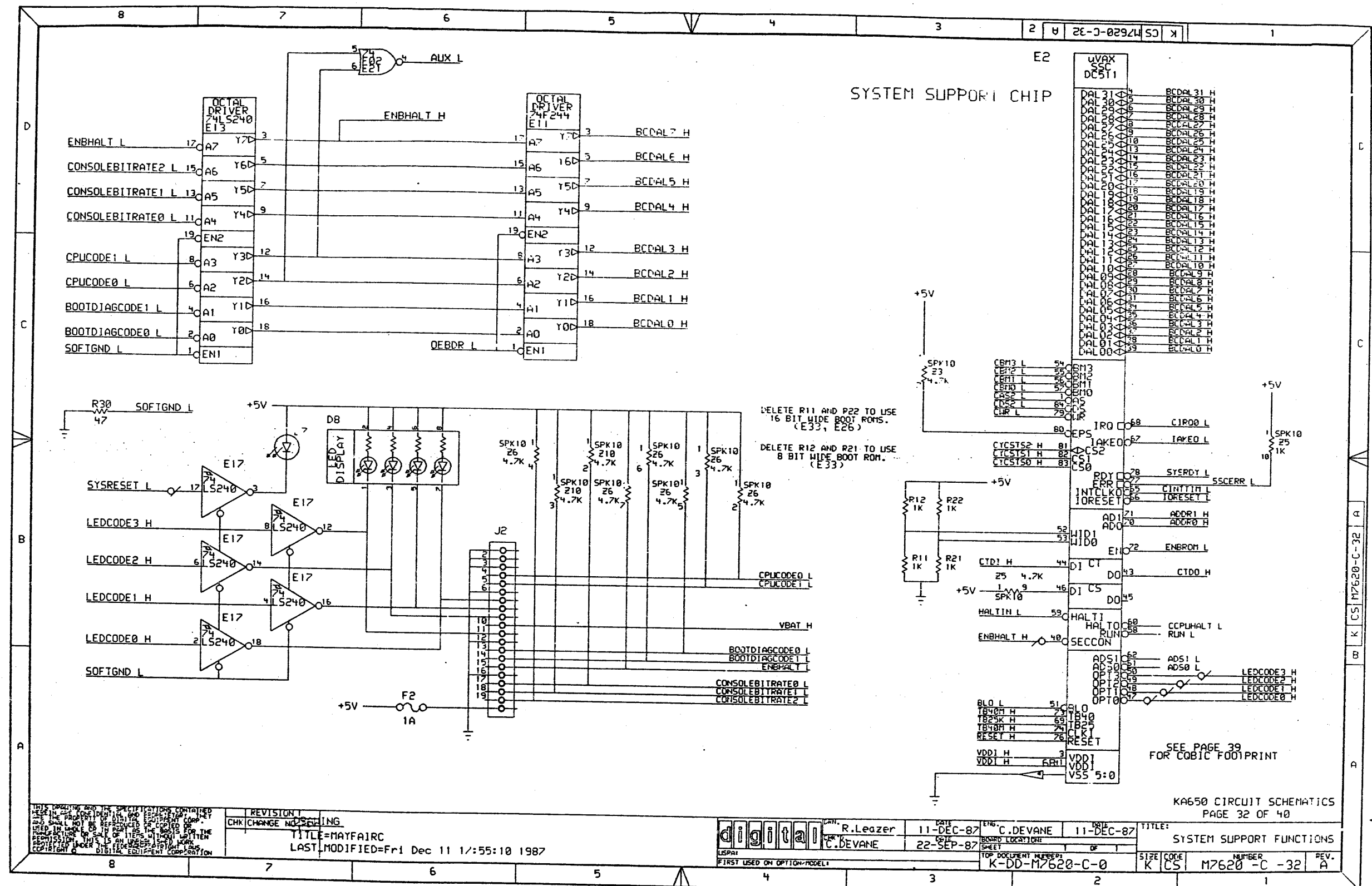
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FIRST USED ON OPTION/MODEL

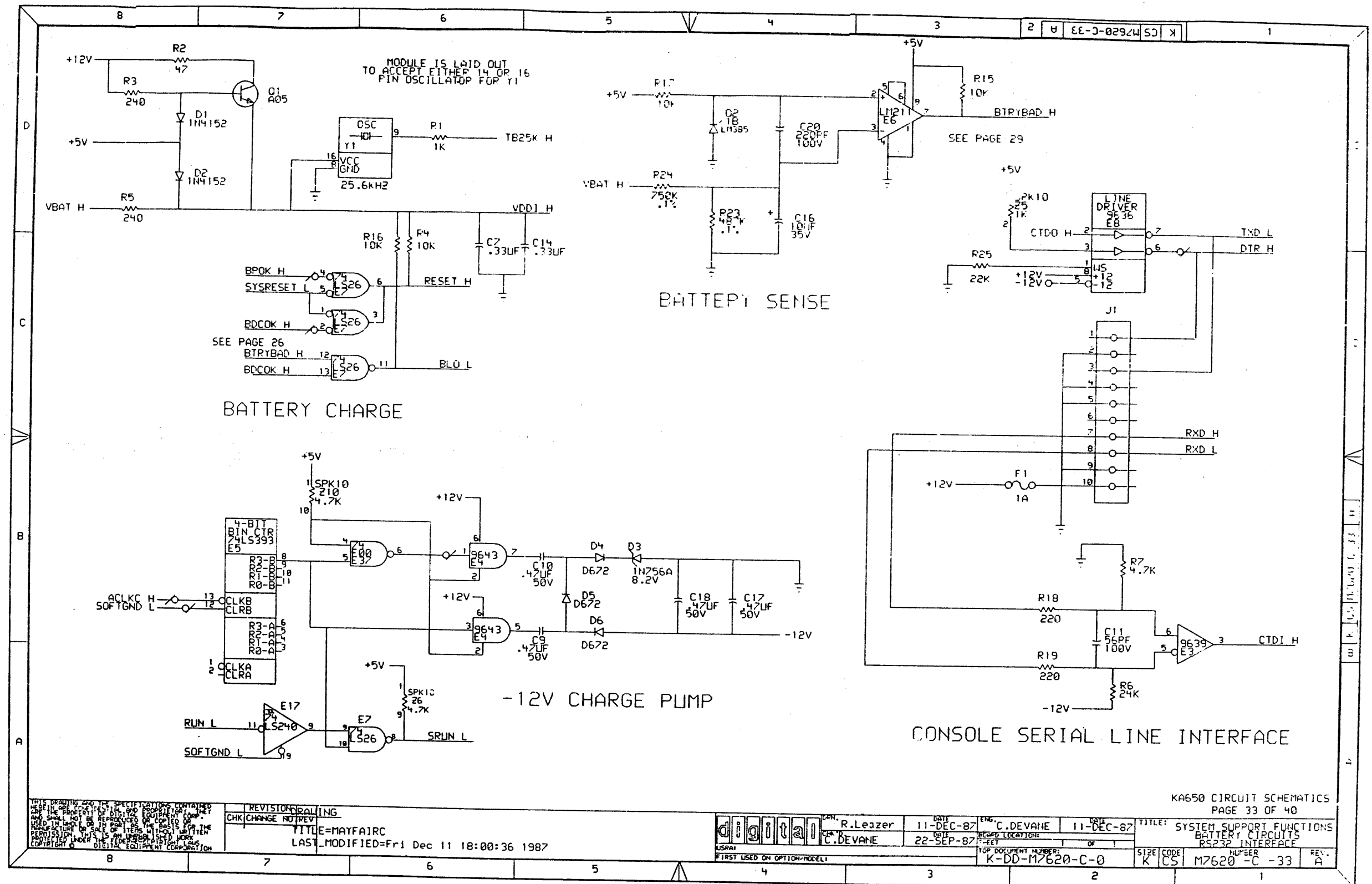
DESIGNED BY R. Leazer
CHECKED BY C. DEVANE
DATE 11-DEC-87
DATE 22-SEP-87
SHEET 1 OF 1

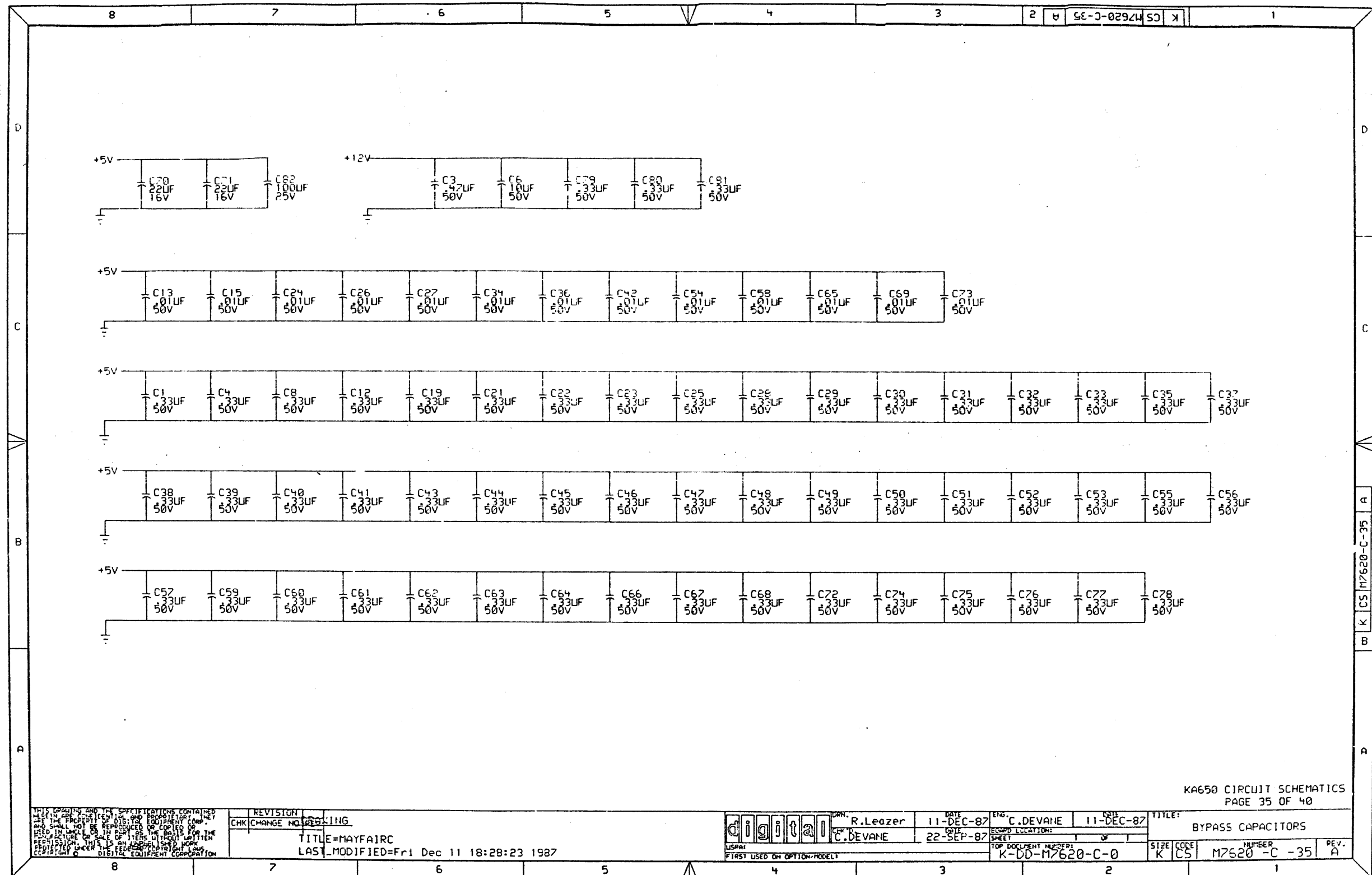
ENGINEER C. DEVANE
DATE 11-DEC-87
TITLE: CACHE CONTROL REGISTER
SECOND LEVEL CACHE

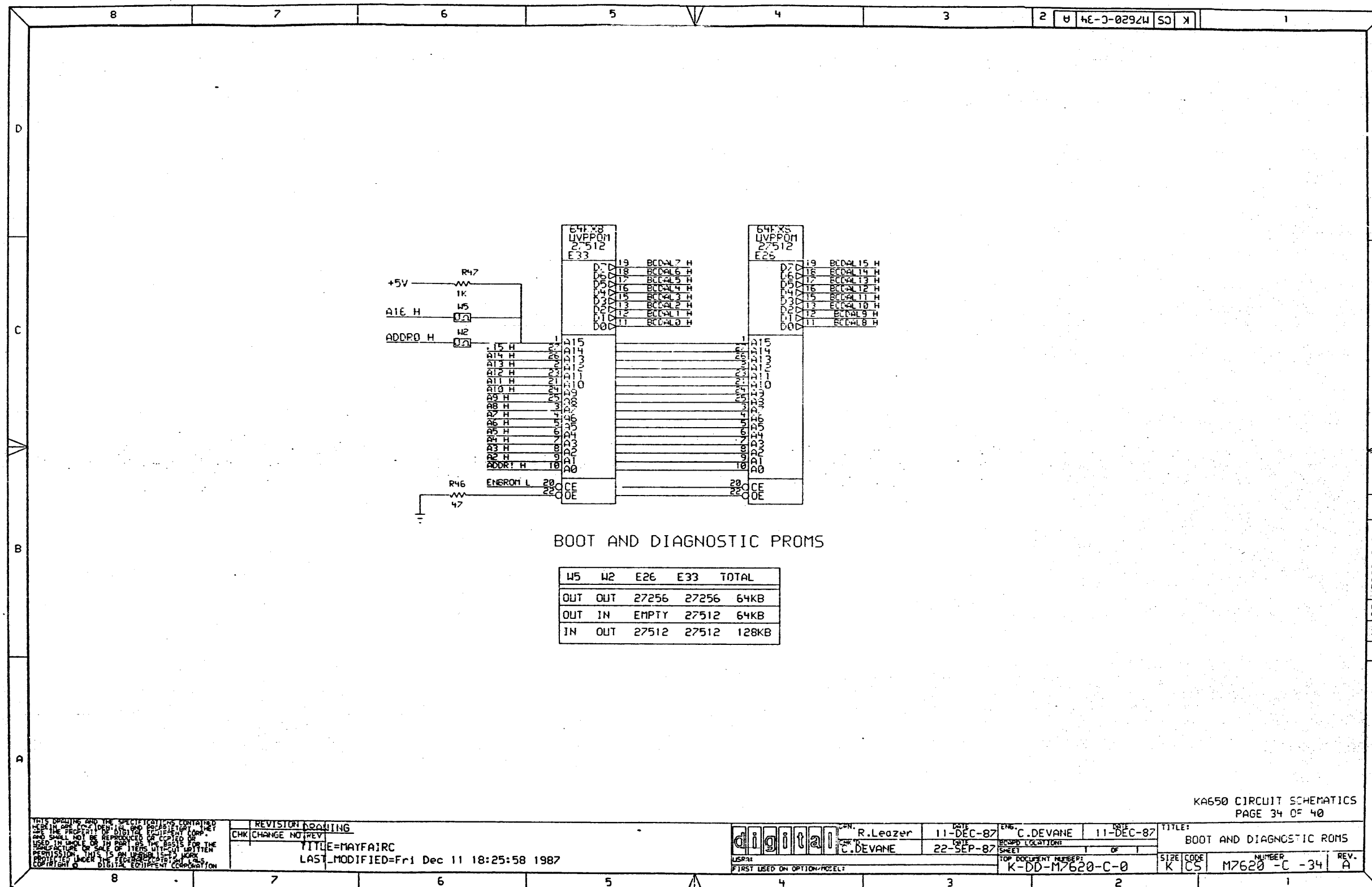
KA650 CIRCUIT SCHEMATICS
PAGE 31 OF 40

SIZE CODE K CS
NUMBER M7620 -C -31
REV. A









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REVISION DRAWING

CHK CHANGE NOT REV

TITLE=MAYFAIRC
LAST MODIFIED=Fri Dec 11 18:25:58 1987

digital
USPA1
FIRST USED ON OPTION/ROZEL:

WPN R.Leazer
C.DEVANE

DATE 11-DEC-87
22-SEP-87

ENG C.DEVANE
SHEET 1 OF 1

DATE 11-DEC-87
SHEET 1 OF 1

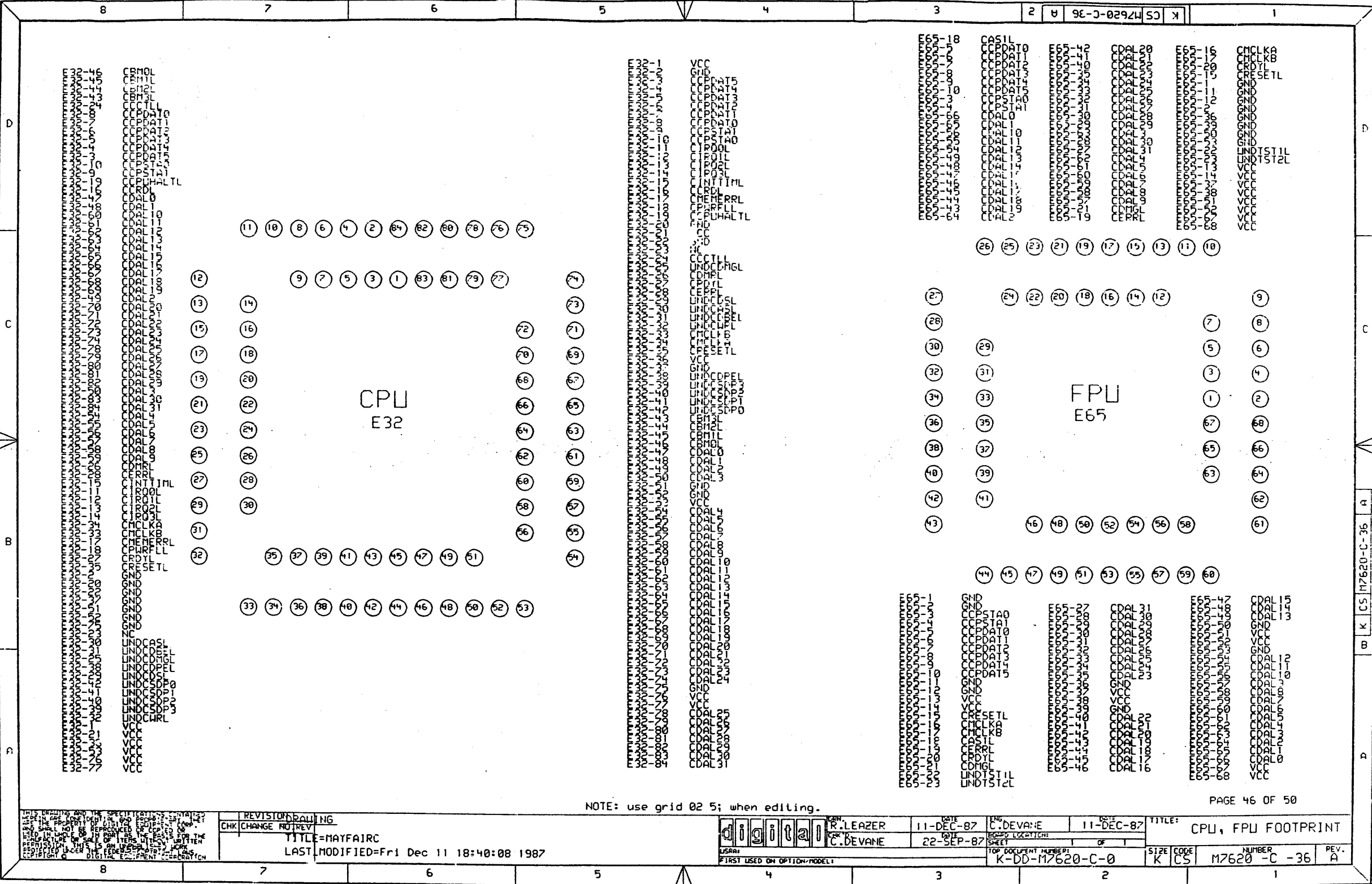
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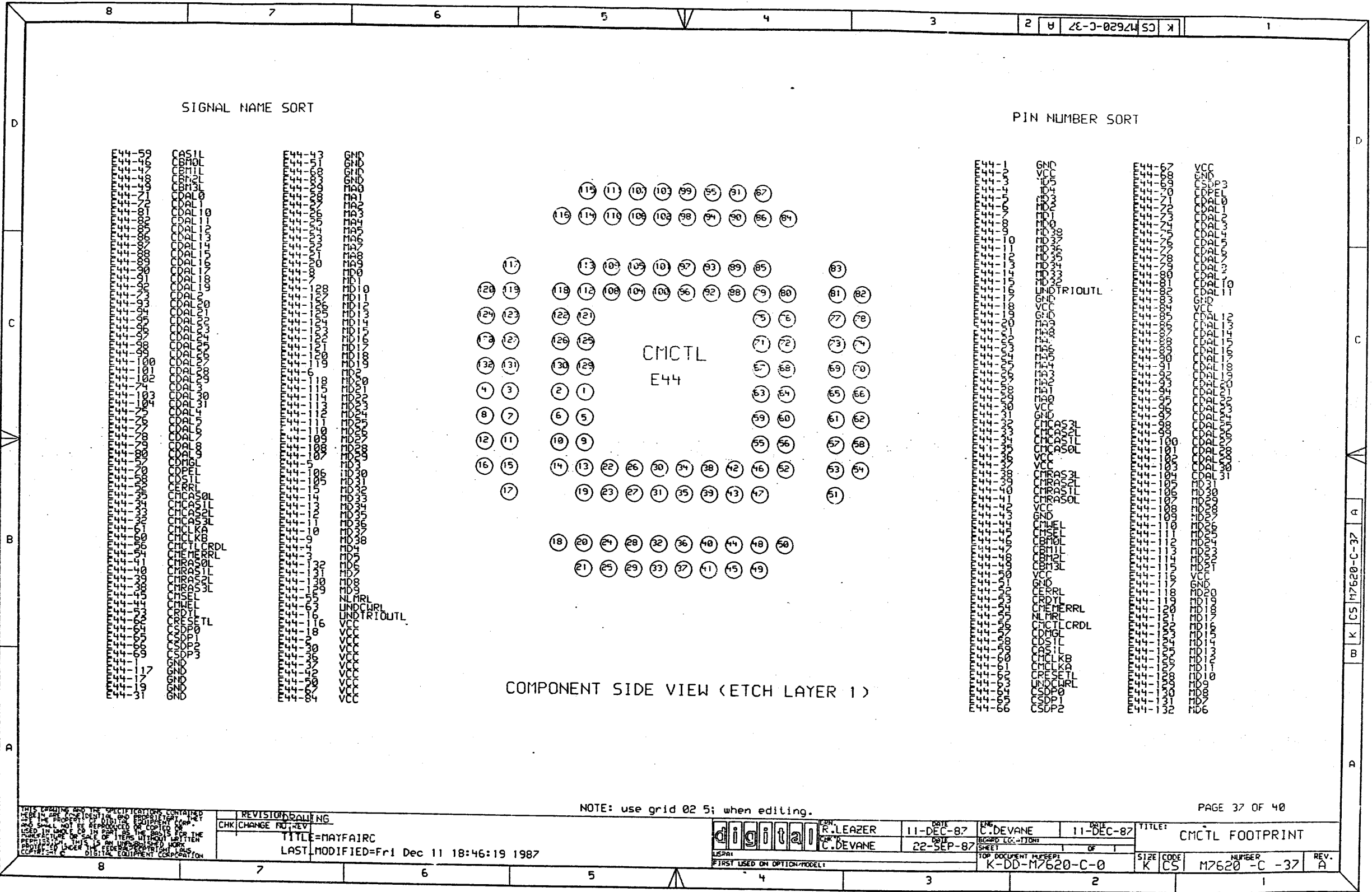
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SIZE CODE K CS

NUMBER M7620 -C -34

REV. A





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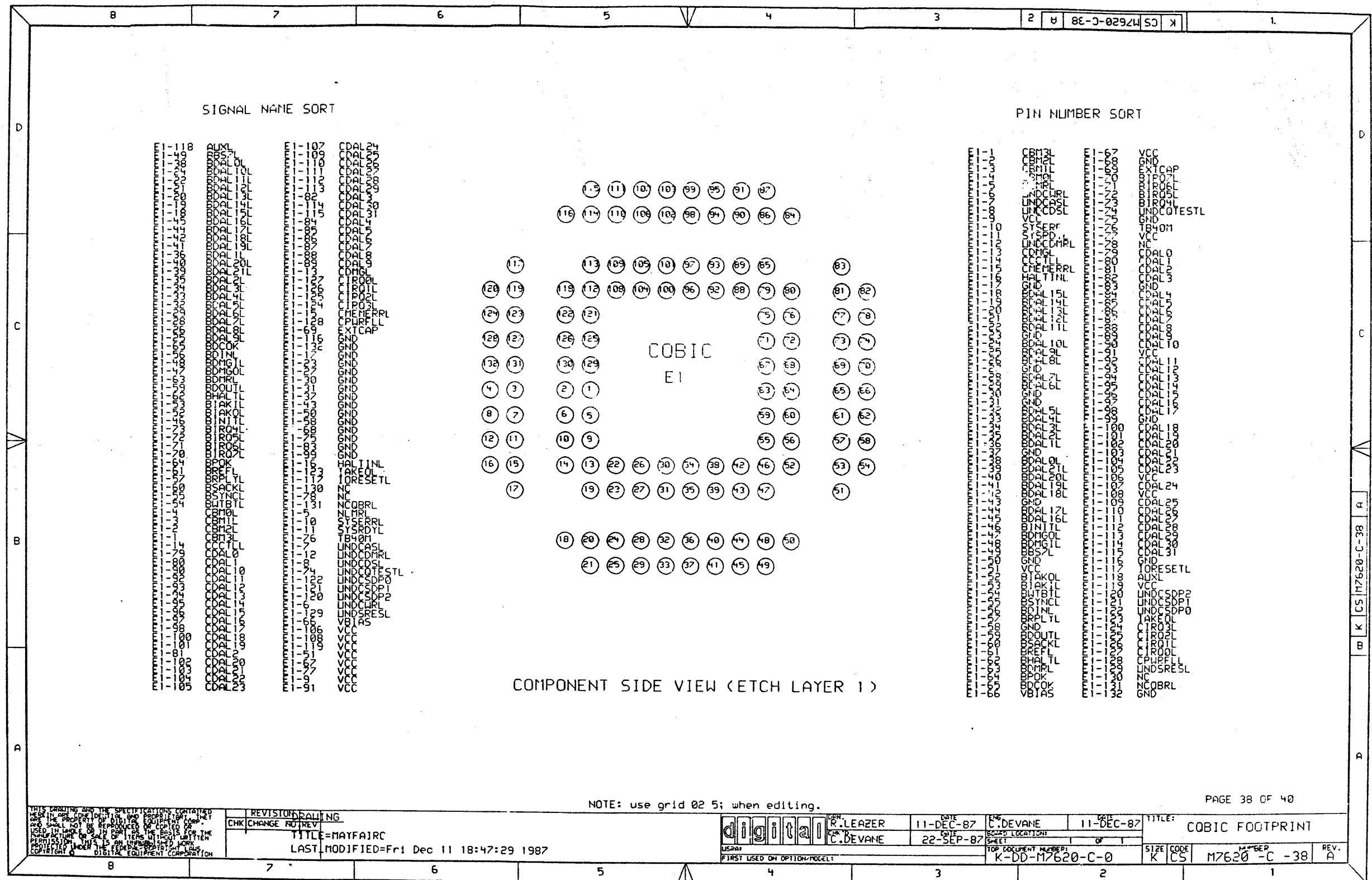
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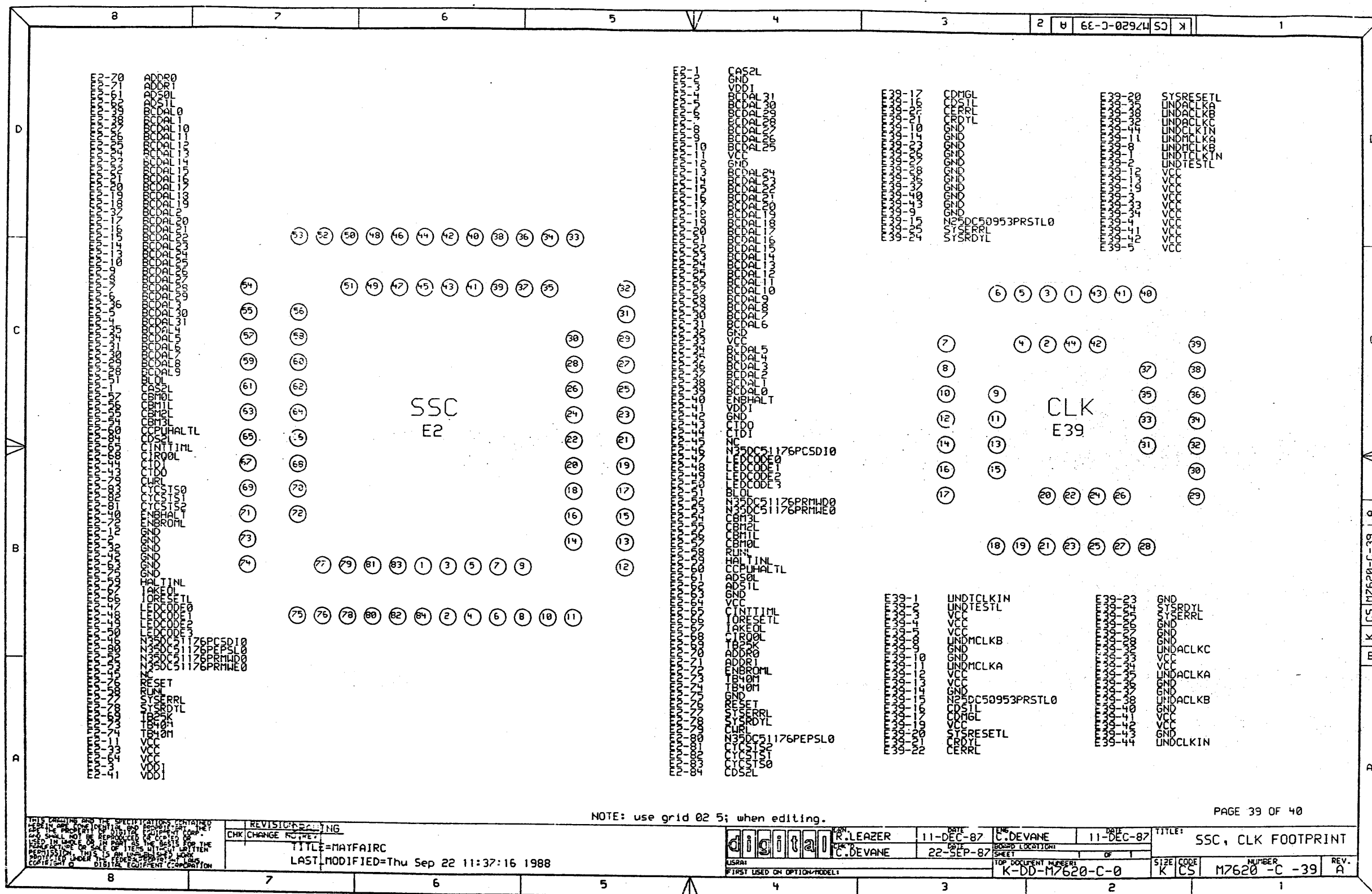
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COMPONENT SIDE VIEW (ETCH LAYER 1)

NOTE: use grid 02 5; when editing.

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--	--	---	--	--	--	--	--	--	--	--------------------------	--	-----------	--	------------	--	------------------------	--	-----------	--





```

CWR CCSDP<2:0> (HEX)
L reserved
L reserved
L external IPR write
L reserved
L reserved
L write unlock
L reserved
L write (no unlock)
L request D-stream read
L reserved
L external IPR read
L interrupt acknowledge
L request L-stream read
L demand D-stream read lock
L demand D-stream read modify intent
L demand D-stream read (no lock or modify intent)
CSTAG - Chip Select TAG store: chip select lines for second level cache tag store chips.
CTDI - Console Terminal Data Input: input to console serial line unit.
CTDO - Console Terminal Data Output: output from console serial line unit.
CVAX - CMOS VAX.
CWR - CVAX Write: determines whether the current bus cycle is a read or write.
CYSTS<2:0> - Cycle Status: latched from CCSDP<2:0>.
CYTTP<2:0> - Cycle Type: second level cache encoding of bus cycle type.
DIAGMODE - Diagnostic Mode: control bit in cache control register.
DMD<38:0> - Damped Memory Data bus: data path of interconnect between CMCTL and memory.
DSCONTINUE - Data Strobe CONTINUE: tells second level cache when to latch data at local location.
DTR - Data Terminal Ready: Signal available for use by RS232 console device.
ENBCACHE - Enable CACHE: control bit in cache control register.
ENBCACHEFDY - Enable CACHE PDY: enables second level cache's CFDY tristate output only inside PAL4, nowhere else on board.
ENEHALT - Enable HALT: when negated prevents console break or control/P from halting CVAX.
ENBPROM - Enable PROM: asserted by SSC during ROM unpacking.
ENBSSC - Enable SSC: enables BCDA/L bus transceivers.
ENBWR - Enable Write Wrong Parity: bit in cache control register.
ENEMMIT - Enable transXMIT: enables second level cache transceivers to drive 0 bus.
HALTIN - HALT Input: asserted by COBIC to halt CVAX (arbitrated by SSC).
HOLDADDRP - HOLD ADDRESS: closes address latch.
IAKEO - Interrupt Acknowledge Enable Output: asserted by SSC to allow COBIC to interrupt acknowledge cycles.
IORESET - Input/Output RESET: asserted by SSC in response to a write to IPR 55.
IPR - Internal Processor Register.
LCWR - Latched CWR: latched (de-glitched) version of CWR.
LEDCODE<3:0> - LED CODE: drives diagnostic LEDs.
MA<3:0> - Memory Address: multiplexed address from CMCTL for use by memory board.
MATCH<1:0> - MATCH: asserted by second level cache tag store to indicate a cache hit.
MD<38:0> - Memory Data bus: data path of interconnect between CMCTL and main memory.
MISS: asserted during second level cache miss, except during DMA when it is asserted during a cache hit.
NCOBDR - Not COBIC Reference: asserted when a bus cycle address is not for the COBIC.
NLMBR - Not Local Memory Reference: asserted when a bus cycle address is not for CMCTL.
OEBDR - Output Enable Boot/Diagnostic Register: enables boot/diagnostic register reading.
OECR - Output Enable Cache Control Register: enables cache control register for address parity.
PREDPAR - Predictive Parity: output of parity tree used to speed up tag checks.
READSSC - READ SSC: controls direction of BCDA/L transceivers. When asserted, the transceivers drive from BCDA/L to CDAL.
RESET: asserted by SSC when CVAX is not executing out of halt protected ROM space.
RUN: asserted by SSC when CVAX is not executing out of halt protected ROM space.
SECLW - Second LongWord: asserted by second level cache to toggle A2 H during second half of a CVAX quadword read.
SECOW - Second QuadWord: asserted by second level cache to assert A3 during second half of a hexword or octaword DMA write.
SSC - System Support Chip.
SYSERR - System Error: asynchronous error, asserted to abort or (when asserted together with SYSRDY L) retry a CDAL bus cycle.
SYSRDY - System Ready: asynchronous ready, asserted to terminate or (when asserted together with SYSERR L) retry a CDAL bus cycle.
SYSRESET - System RESET: asserted by COBIC to reset the entire board. Length is set by timing capacitor C1. Synchronized by CLK to form RESET L.
TAGDATA<11:0> - data bus inside the second level cache tag store. TAGDATA<10> is a valid bit, TAGDATA<11> is the parity bit.
TAGERR - output of second level cache parity checking tree.
TB25M - time base 25.6 kHz: 25.6 KHz time base for time-of-year clock.
TB40M - time base 40 kHz: 40 KHz time base for timers, console serial line, etc., as well as bus interface and COBIC.
TRBACACHE: tristates PAL output when asserted.
VBAT - Voltage (Battery): connection to external battery.
VBIAS - Voltage (BIAS): voltage to set internal bias in COBIC 0bus transceivers.
VDDI - Voltage (Drain) Internal: battery-backed power supply for SSC.
WRDAG - Write Data store: write line for second level cache data store RAM chips.
WRTAG - Write TAG store: write line for second level cache tag store RAM chips.
XADDR<21:20> - extended Address: extra address lines used by 8MB memory boards.

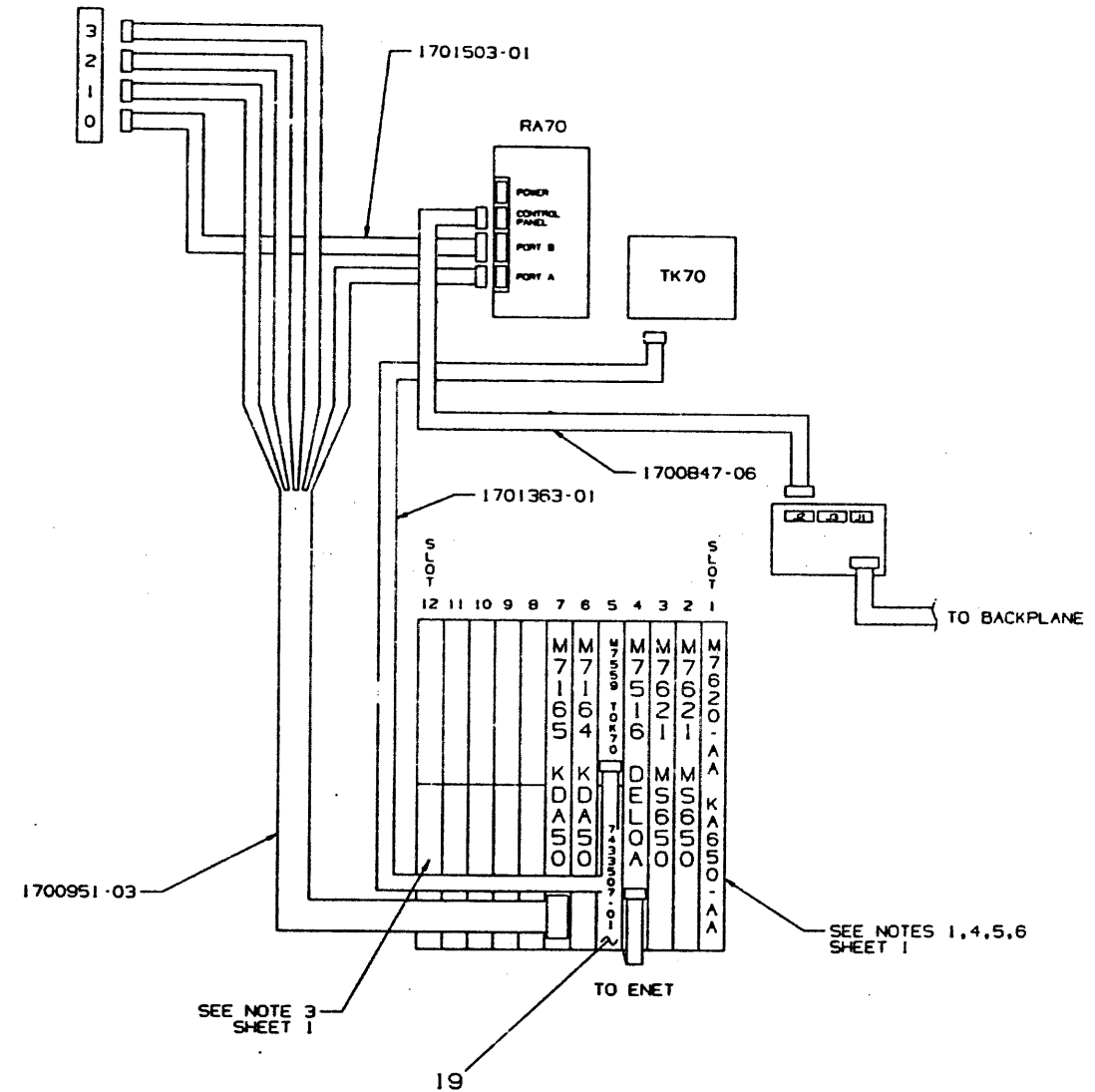
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- [illegible]

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	A-B	C-D
SLOT 1	O-BUS (11)	C D
2	O-BUS (12)	C D
3	O-BUS (13)	C D
4	O-BUS (14)	C D
5	O-BUS (15)	C D
6	O-BUS (16)	C D
7	O-BUS (17)	C D
8	O-BUS (18)	C D
9	O-BUS (19)	C D
10	O-BUS (110)	C D
11	O-BUS (111)	C D
SLOT 12	O-BUS (112)	C D

BACKPLANE
MODULE SIDE

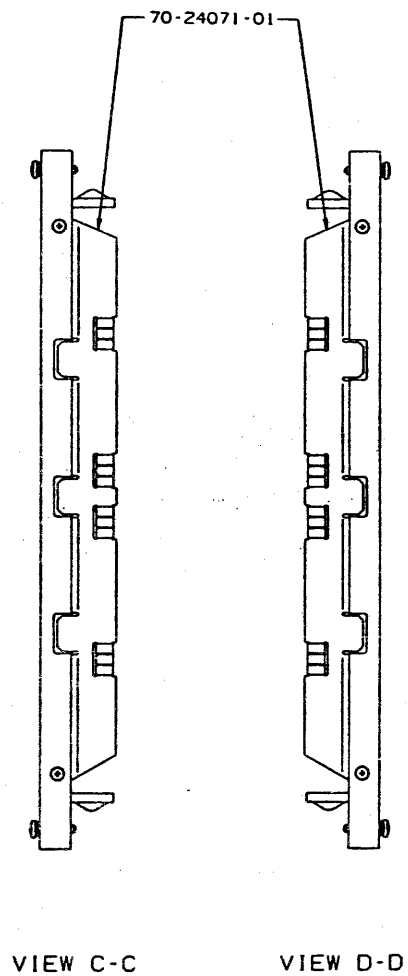
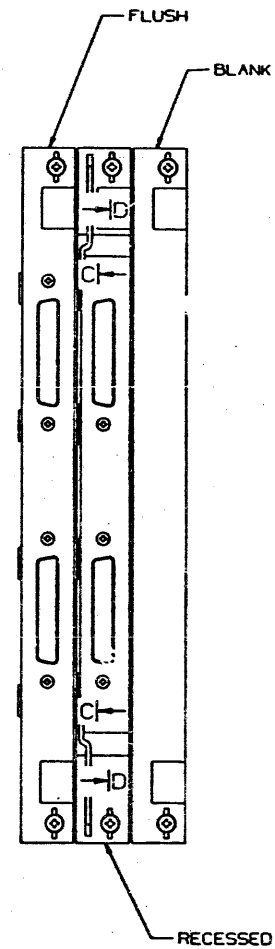
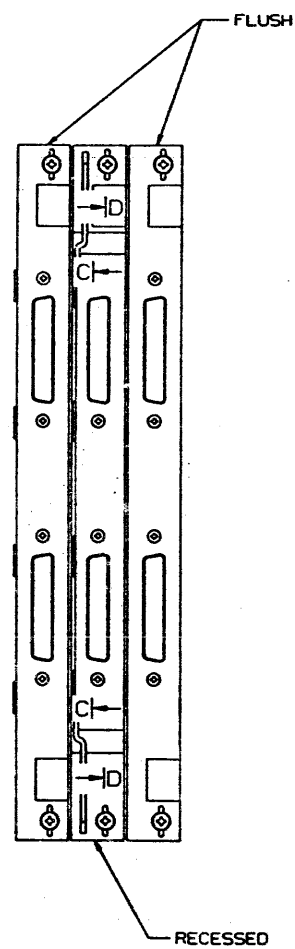
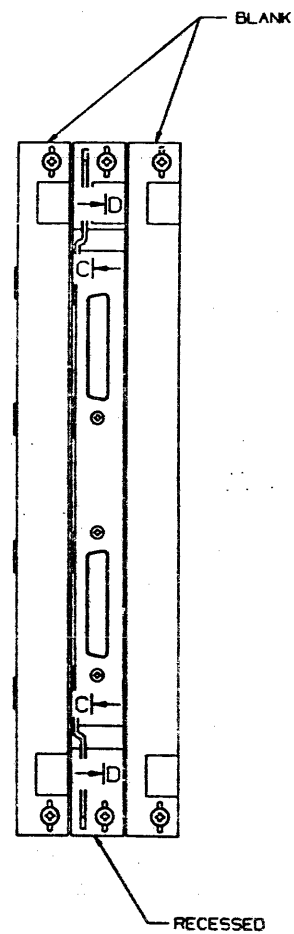


REVISION HISTORY		
DATE	REV	DESCRIPTION

TITLE MICROVAX 3500
STD PEO SYSTEM
(VMS)

DOCUMENT NUMBER
EUA DV35011-0-DBU
SCALE 1/2 INCH = 1 FOOT
REV C
MLOI

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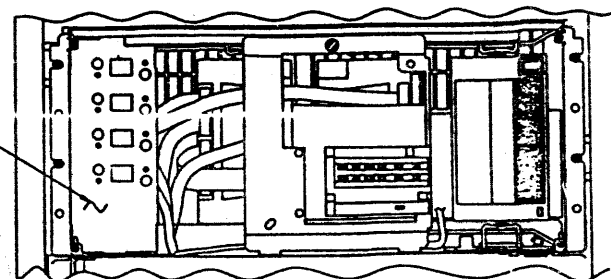
POSSIBLE MODULE CONFIGURATIONS REQUIRING
FILLER GAP PANEL ASSEMBLY (DEC PART NUMBER 70-24071)

PLOT AT .5000

REVISION HISTORY		
DATE	ECO HISTORY	REV

TITLE		DOCUMENT NUMBER	
MICROVAX 3500 STD PED SYSTEM (VMS)		70-24071-01	3 OF 3
SCALE		1/2"	MLO1

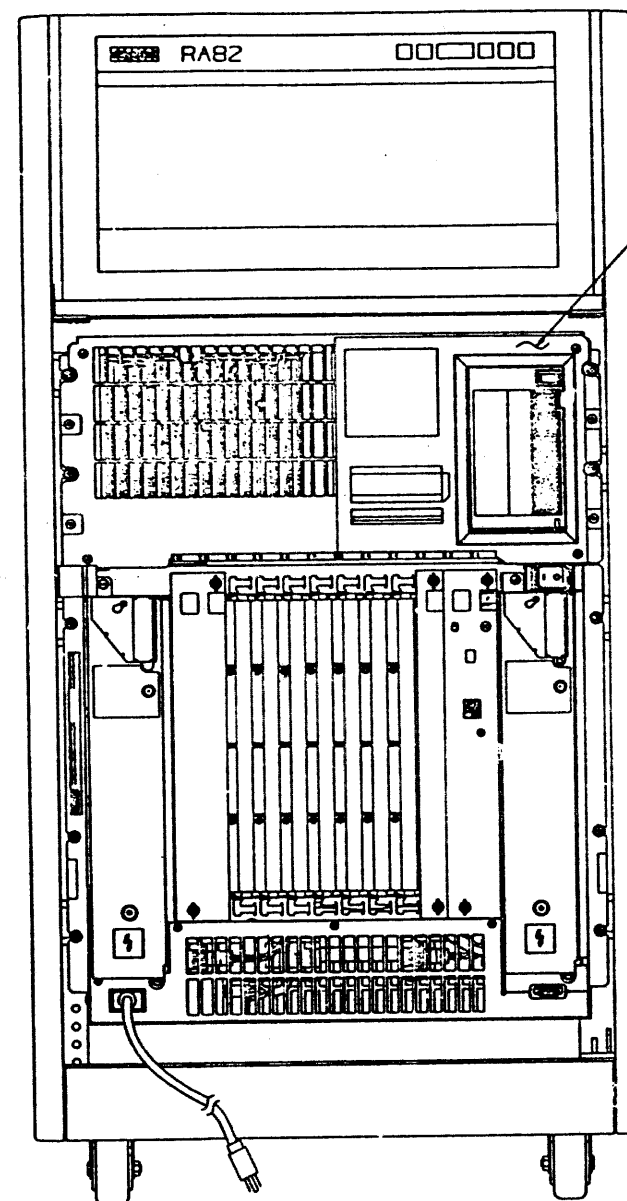
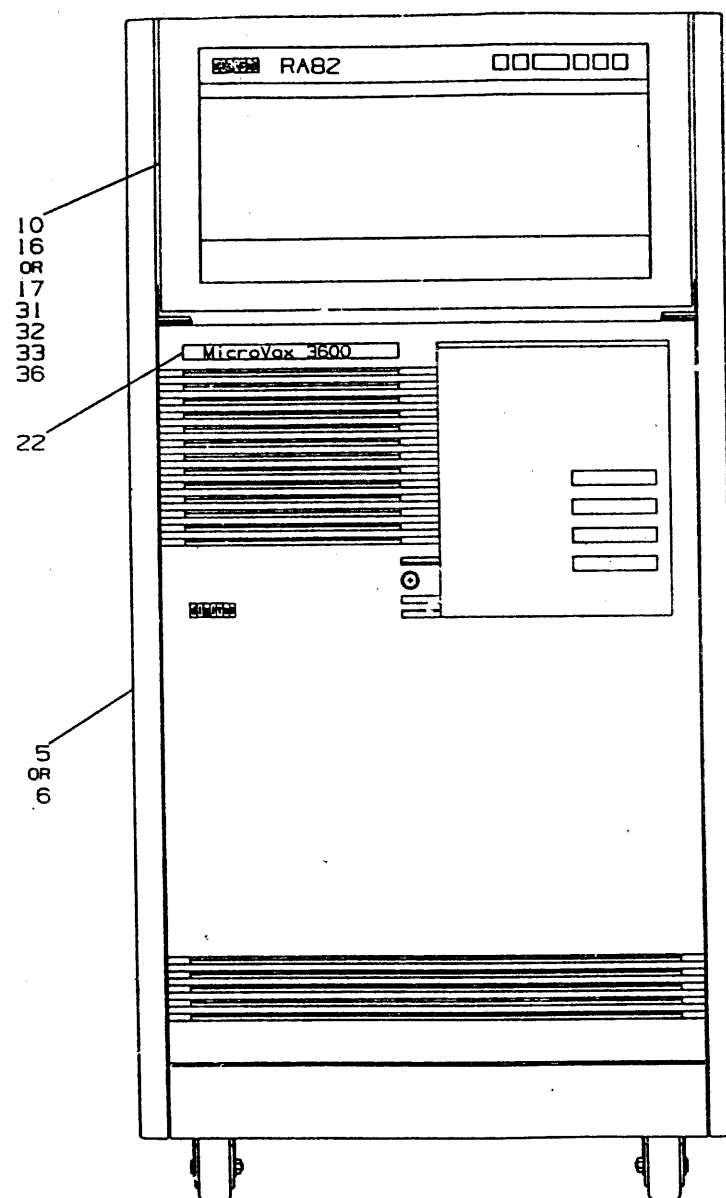
DIST. PANEL
PART OF KDA50-SA
ITEM #10



VIEW WITH FRONT PANEL REMOVED

PART NO.	REV	VARIATION
DV380T1-A2	A1	SEE PARTS LIST
DV380T1-A3	A1	SEE PARTS LIST
DV380T1-A4	A1	SEE PARTS LIST
DV380T1-A5	A1	SEE PARTS LIST
DV380T1-AA	A1	SEE PARTS LIST
DV380T1-AE	A1	SEE PARTS LIST

1. MODULE PLACEMENT/CONFIGURATION SHOWN IS FOR BASE (INTERNAL) SYSTEM ONLY. ACTUAL MODULE PLACEMENT IS DEPENDENT ON CUSTOMER CONFIGURATION.
2. UNLESS OTHERWISE INDICATED, ROUTING OF CABLES, LOCATION OF AND NUMBER OF CABLE CLAMPS IS LEFT UP TO MFG DISCRETION.
3. DEFENDANT ON CUSTOMER CONFIGURATION IF SLOTS 6-12 HAVE LESS THAN 6.5 AMP LOAD THEN A M9060-YA MUST BE INSTALLED IN SLOT 12.
4. TOK70 CONTROLLER SHOULD BE LOCATED IN THE LOWEST SLOT NUMBER AVAILABLE AND THE KDA50-SA CONT. WOULD BE LOCATED IN THE NEXT AVAILABLE SLOT. (EXAMPLE: WITH SLOTS 1-4 TAKEN UP THE TOK70 CONTROLLER WOULD GO IN SLOT 5 AND THE KDA50-SA IN SLOT 6 AND 7.)
5. IN TRANSITION BETWEEN FLUSH AND RECESSED HANDLES A FILLER PANEL (7024071-01) MUST BE USED (SEE SHEET 3)
6. ALL UNUSED SLOTS AND MODULES WITHOUT S-BOX TYPE HANDLES MUST BE COVERED WITH A SINGLE WIDTH BLANK MODULE COVER.
7. DISTRIBUTION BRACKET IS MOUNTED IN HOLES AT A 44 WITHIN REAR OF CPU CABINET.



VIEW WITH FRONT DOOR REMOVED

PLOT AT: .500
FILE NAME: DV360T1-0-DBUC

CAUTION: OFF SHEET PARTS LIST EXISTS
REFER TO K-PL-DV360T1-0-DBP
(MLA1951)

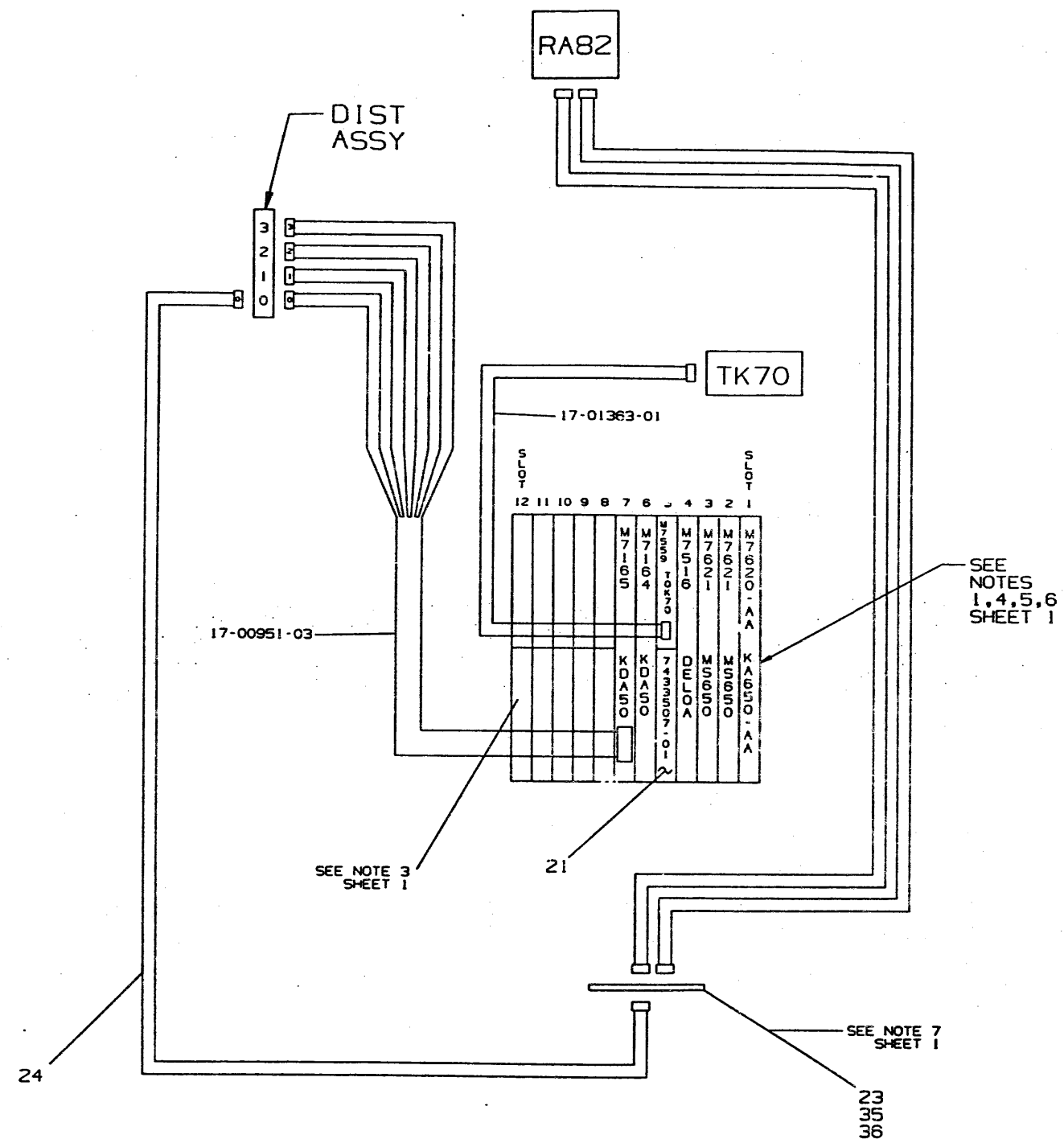
		DESCRIPTION		DRAWING NO.		PART NO.		UNIT NO.	
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND THE FOLLOWING TOLERANCES APPLY (FOR DEC SYSTEMS)							
		DIMENSIONAL TOLERANCES IN INCHES							
		SIZE	TOLERANCE	SIZE	TOLERANCE	SIZE	TOLERANCE	SIZE	TOLERANCE
0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020
0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050
0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100
0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200
0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500
1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000
4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000
5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000
8.000	8.000	8.000	8.000	8.000	8.000	8.000	8.000	8.000	8.000
9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000
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37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000	37.000
38.000	38.000	38.000	38.000	38.000	38.000	38.000	38.000	38.000	38.000
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40.000	40.000	40.000	40.000	40.000	40.000	40.000	40.000	40.000	40.000
41.000	41.000	41.000	41.000	41.000	41.000	41.000	41.000	41.000	41.000
42.000	42.000	42.000	42.000	42.000	42.000	42.000	42.000	42.000	42.000
43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000
44.000	44.000	44.000	44.000	44.000	44.000	44.000	44.000	44.000	44.000

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	A-B	C-D
SLOT 1	0-BUS (1)	C D
2	0-BUS (2)	C D
3	0-BUS (3)	C D
4	0-BUS (4)	C D
5	0-BUS (5)	C D
6	0-BUS (6)	C D
7	0-BUS (7)	C D
8	0-BUS (8)	C D
9	0-BUS (9)	C D
10	0-BUS (10)	C D
11	0-BUS (11)	C D
SLOT 12	0-BUS (12)	C D

BACKPLANE
MODULE SIDE

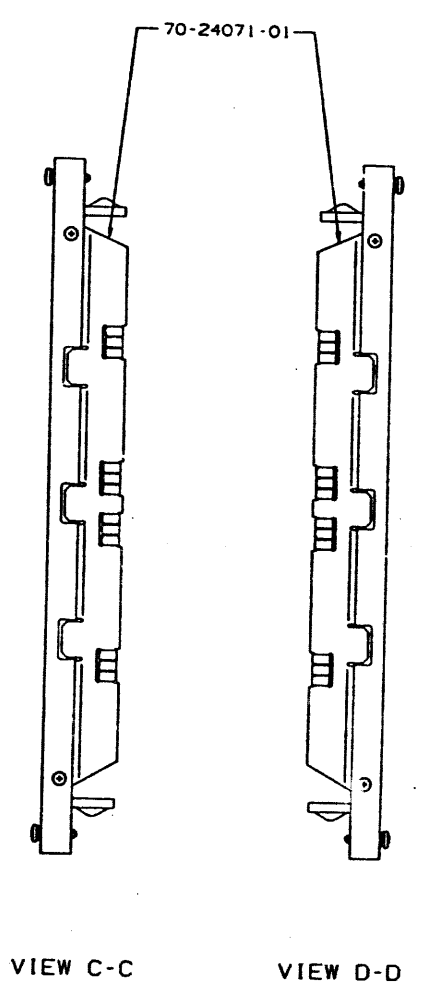
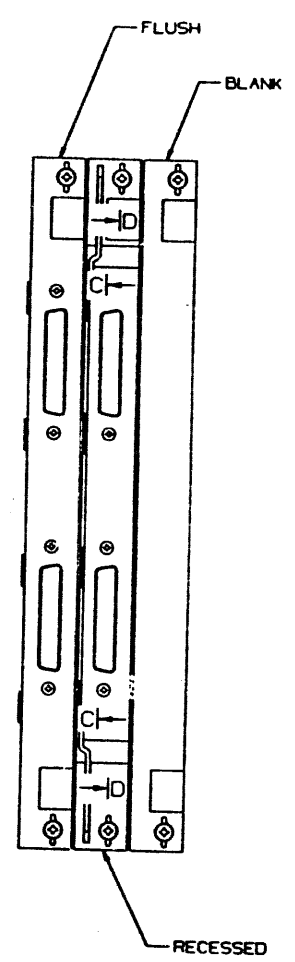
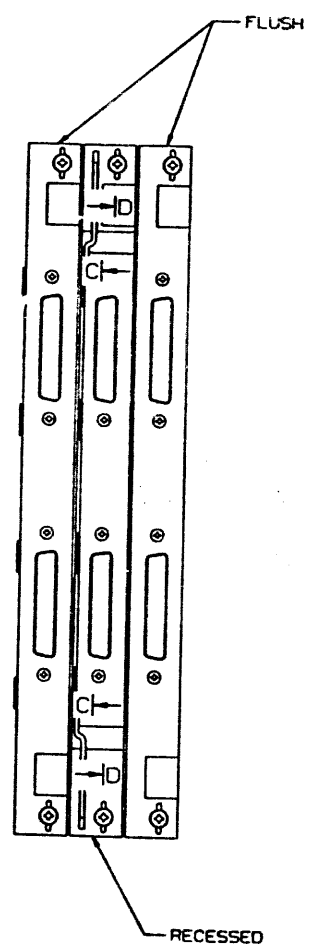
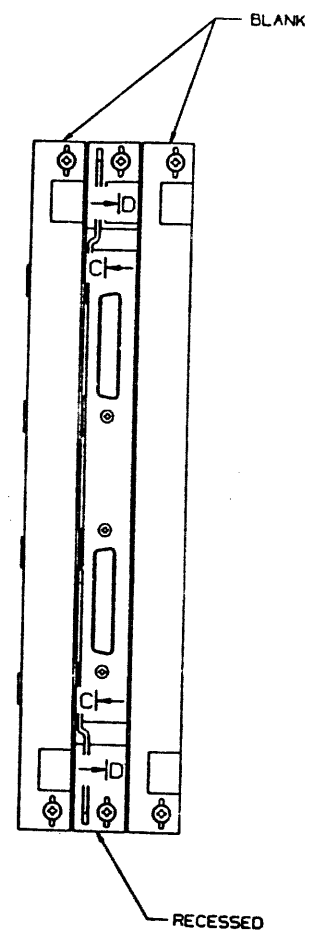


PLOT AT .5000

REVISION HISTORY		
DATE	FOR HISTORY	REV

TITLE		DOCUMENT NUMBER	
MICROVAX 3600 STD CAB SYS (VMS)		11/8000 E LA DV380T1-0-DBU SCALE 1/2 15-45T 2 of 3	11/8000 C MLOI

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VIEW C-C

VIEW D-D

POSSIBLE MODULE CONFIGURATIONS REQUIRING
FILLER GAP PANEL ASSEMBLY (DEC PART NUMBER 70-24071)

REVISION HISTORY		
DATE	ECO HISTORY	REV

PLOT AT .5000

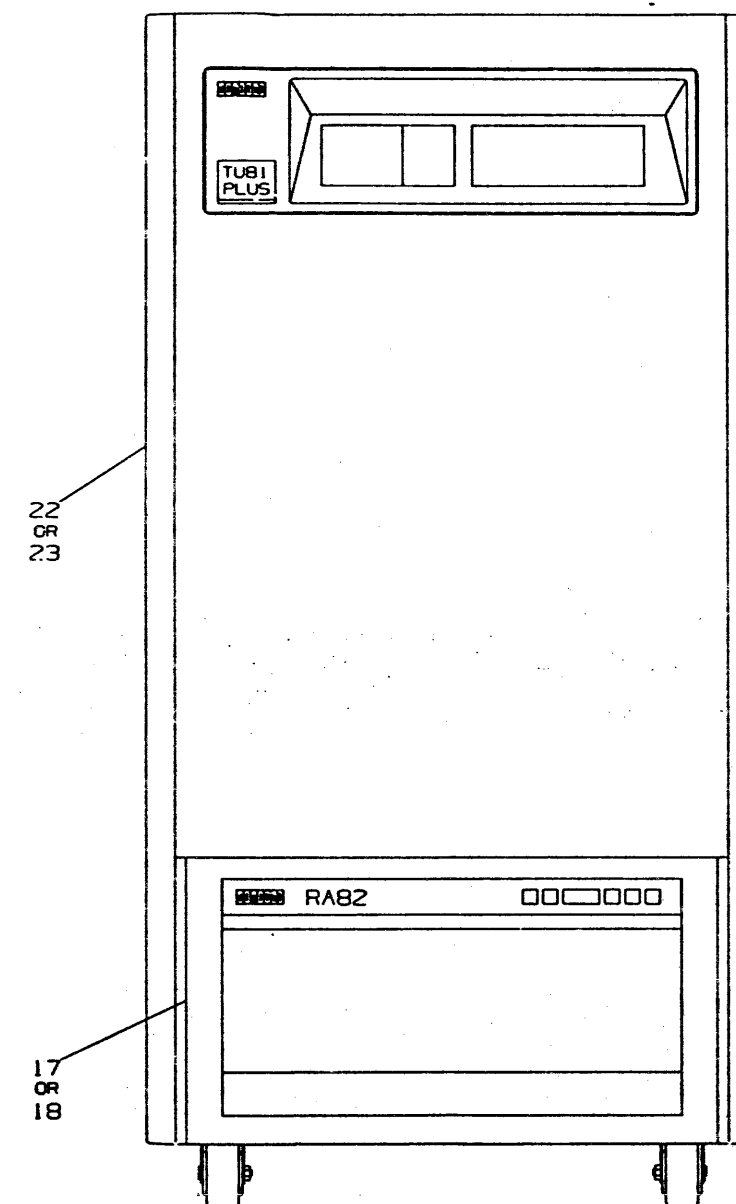
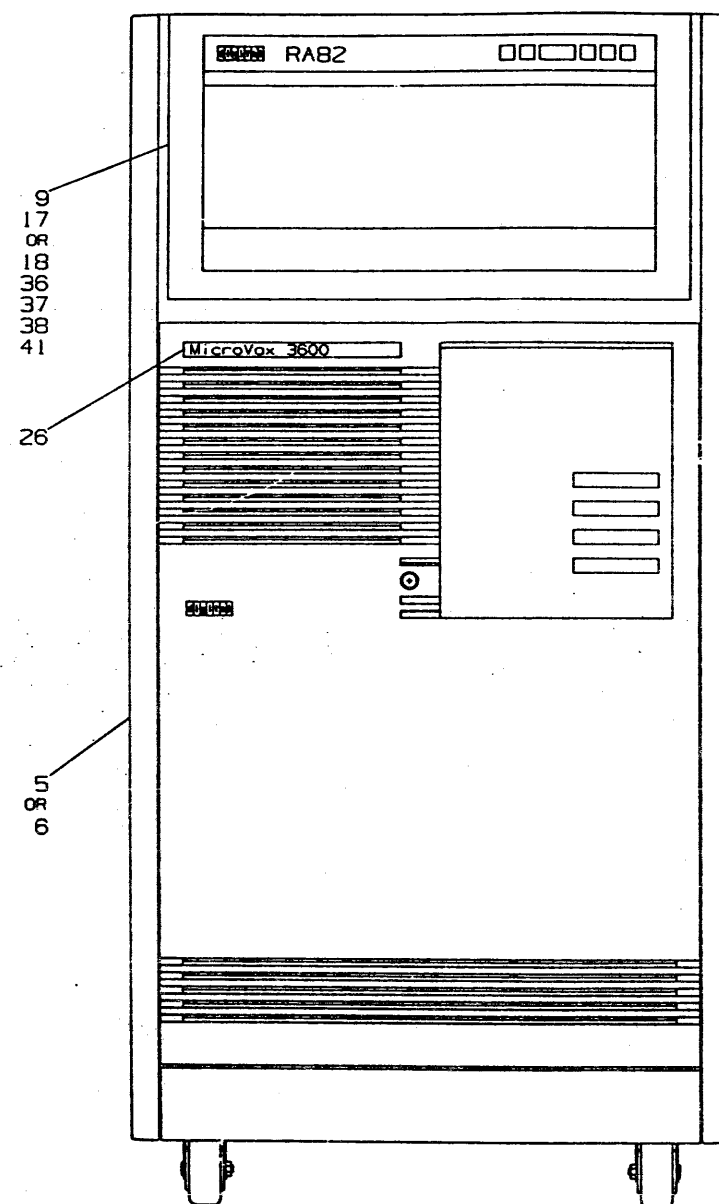
TITLE		DOCUMENT NUMBER	
E	UA	NUMBER	REV
MICROVAX 3800 STD CAB SYS (VMS)		DV38071-0-DBU	
2		SCALE 1/2" = 1'-0"	3 OF 3
		1	MLOI

MLO1

LEGEND		
PART NO.	REV	VARIATION
DV360T2-A2	A1	SEE PARTS LIST
DV360T2-A3	A1	SEE PARTS LIST
DV360T2-A4	A1	SEE PARTS LIST
DV360T2-A5	A1	SEE PARTS LIST
DV360T2-AA	A1	SEE PARTS LIST
DV360T2-AE	A1	SEE PARTS LIST

NOTES:

1. MODULE PLACEMENT/CONFIGURATION SHOWN IS FOR BASE (KERNAL) SYSTEM ONLY. ACTUAL MODULE PLACEMENT IS SHOWN ON CUSTOMER CONFIGURATION.
2. UNLESS OTHERWISE INDICATED, ROUTING OF CABLES, LOCATION OF AND NUMBER OF CABLE CLAMPS IS LEFT UP TO MFG DISCRETION.
3. DEPENDENT ON CUSTOMER CONFIGURATION IF SLOTS 6-12 HAVE LESS THAN 6.5 AMP LOAD THEN A M9060-YA MUST BE INSTALLED IN SLOT 12.
4. TOK70 CONTROLLER SHOULD BE LOCATED IN THE LOWEST SLOT NUMBER AVAILABLE AND THE KDA50-SA CONT. WOULD BE LOCATED IN THE NEXT AVAILABLE SLOT. (EXAMPLE: WITH SLOTS 1-4 TAKEN UP THE TOK70 CONTROLLER WOULD GO IN SLOT 5 AND THE KDA50-SA IN SLOTS 6 AND 7.)
5. IN TRANSITION BETWEEN FLUSH AND RECESSED HANDLES A FILLER PANEL (70240/1-01) MUST BE USED (SEE SHEET 4)
6. ALL UNUSED SLOTS AND MODULES WITHOUT S-BOX TYPE HANDLES MUST BE COVERED WITH A SINGLE WIDTH BLANK MODULE COVER.
7. DISTRIBUTION BRACKET IS MOUNTED IN HOLES A1 & A4 WITHIN REAR OF CPU CABINET.



PLOT AT .5000

FILE NAME: DV360T2-0-DBUC

CAUTION: OFF SHEET PARTS LIST EXIST
SEE K-PL-DV360T2-0-DBP
(MLA1953)

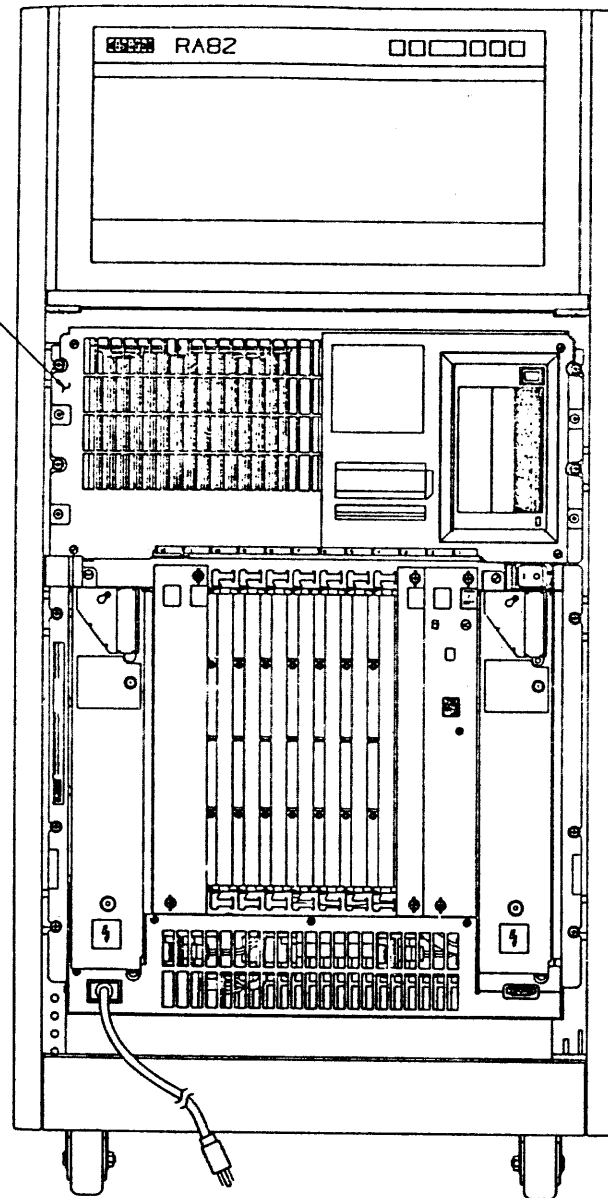
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PERMISSION. THIS IS AN UNCLASSIFIED DOCUMENT PROTECTED UNDER
THE PATENT, COPYRIGHT LAWS. 1987

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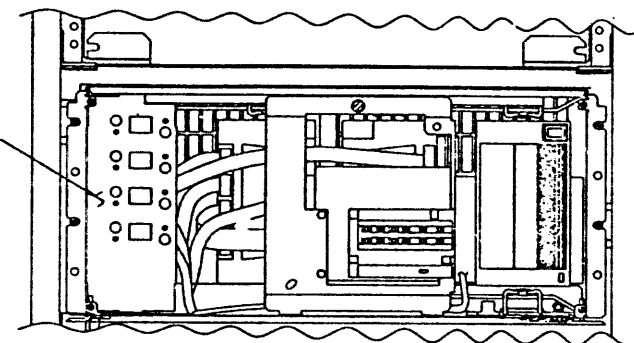
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FRONT PANEL
PART OF KDA50-SA
ITEM #10



VIEW WITH FRONT DOOR REMOVED

DIST. PANEL
PART OF KDA50-SA
ITEM #10



VIEW WITH FRONT PANEL REMOVED

PLOT AT .5000

REVISION HISTORY		
DATE	ECO HISTORY	REV

TITLE MICROVAX 3600
EXP CAB SYSTEM
(VMS)

DOCUMENT NUMBER		
REV	REV	REV
E	UA	C
SCALE	1/2" = 1'-0"	2 OF 4

ML01

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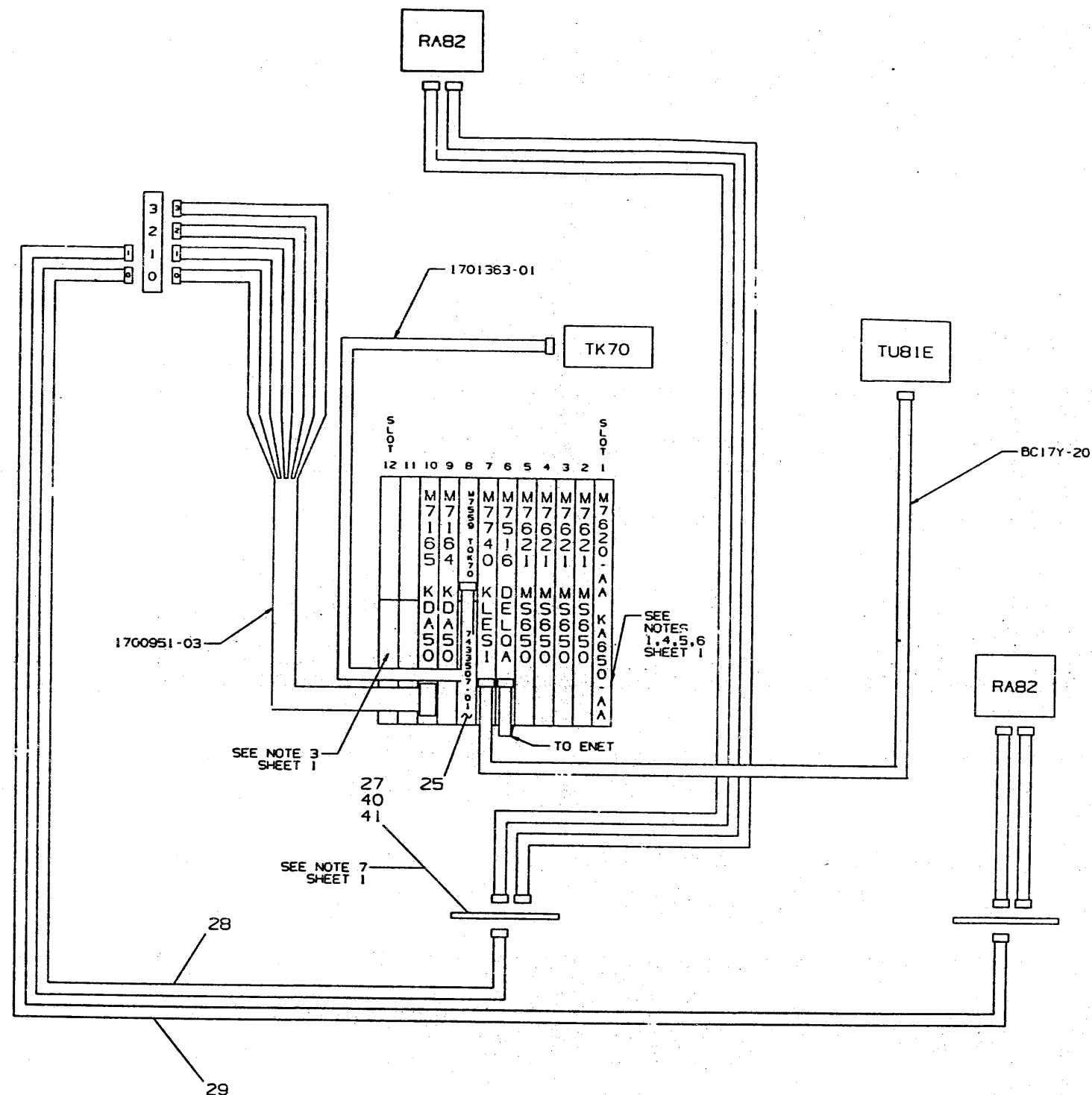
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	A-B	C-D
SLOT 1	0-BUS (1)	C D
2	0-BUS (2)	C D
3	0-BUS (3)	C D
4	0-BUS (4)	C D
5	0-BUS (5)	C D
6	0-BUS (6)	C D
7	0-BUS (7)	C D
8	0-BUS (8)	C D
9	0-BUS (9)	C D
10	0-BUS (10)	C D
11	0-BUS (11)	C D
SLOT 12	0-BUS (12)	C D

BACKPLANE
MODULE SIDE



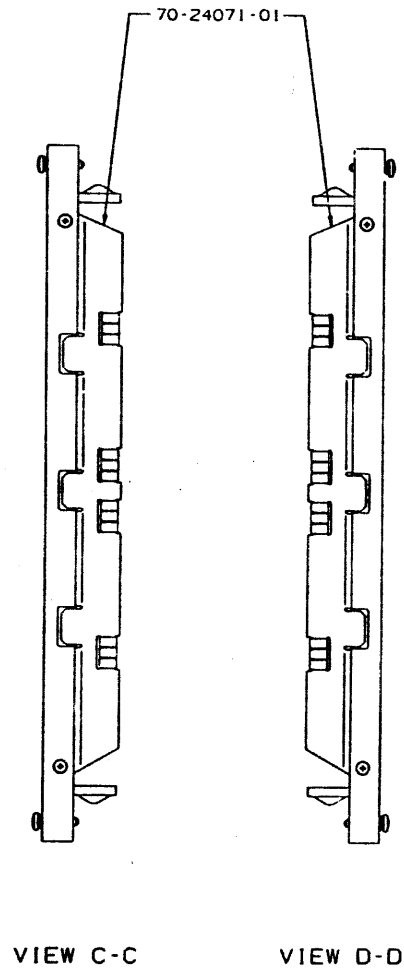
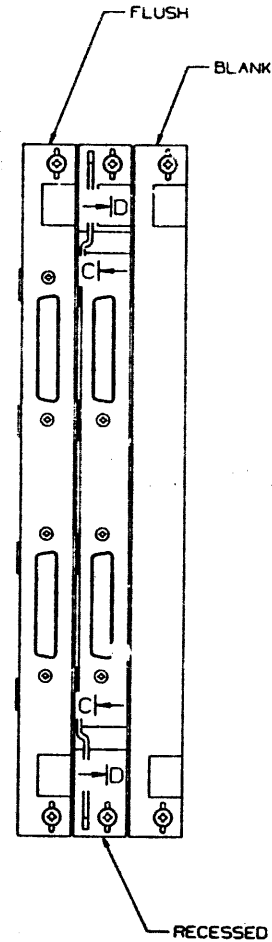
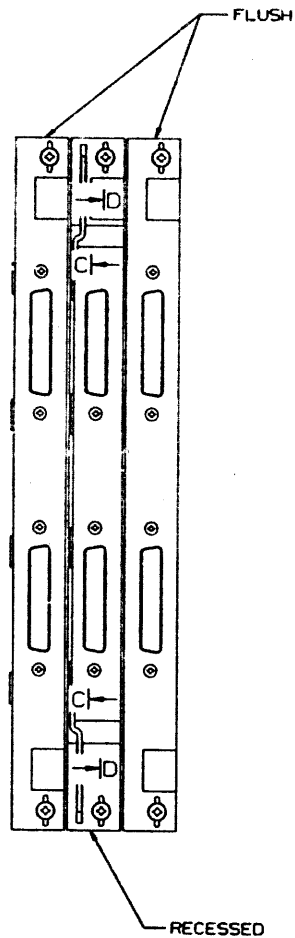
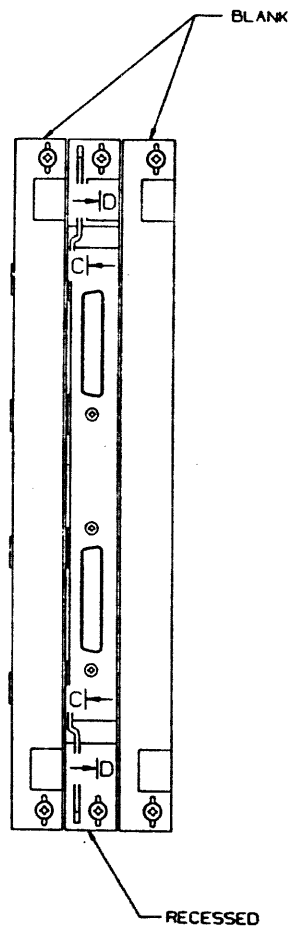
PLOT AT .5000

REVISION HISTORY		
DATE	ECO HISTORY	REV

TITLE MICROVAX 3600 EXP CAR SYSTEM (VWS)		DOCUMENT NUMBER	
		NUMBER	REV
SIZE	UNIT	0V360T2-0-DBU	C
SCALE	1/2	SHEET 3 OF 4	

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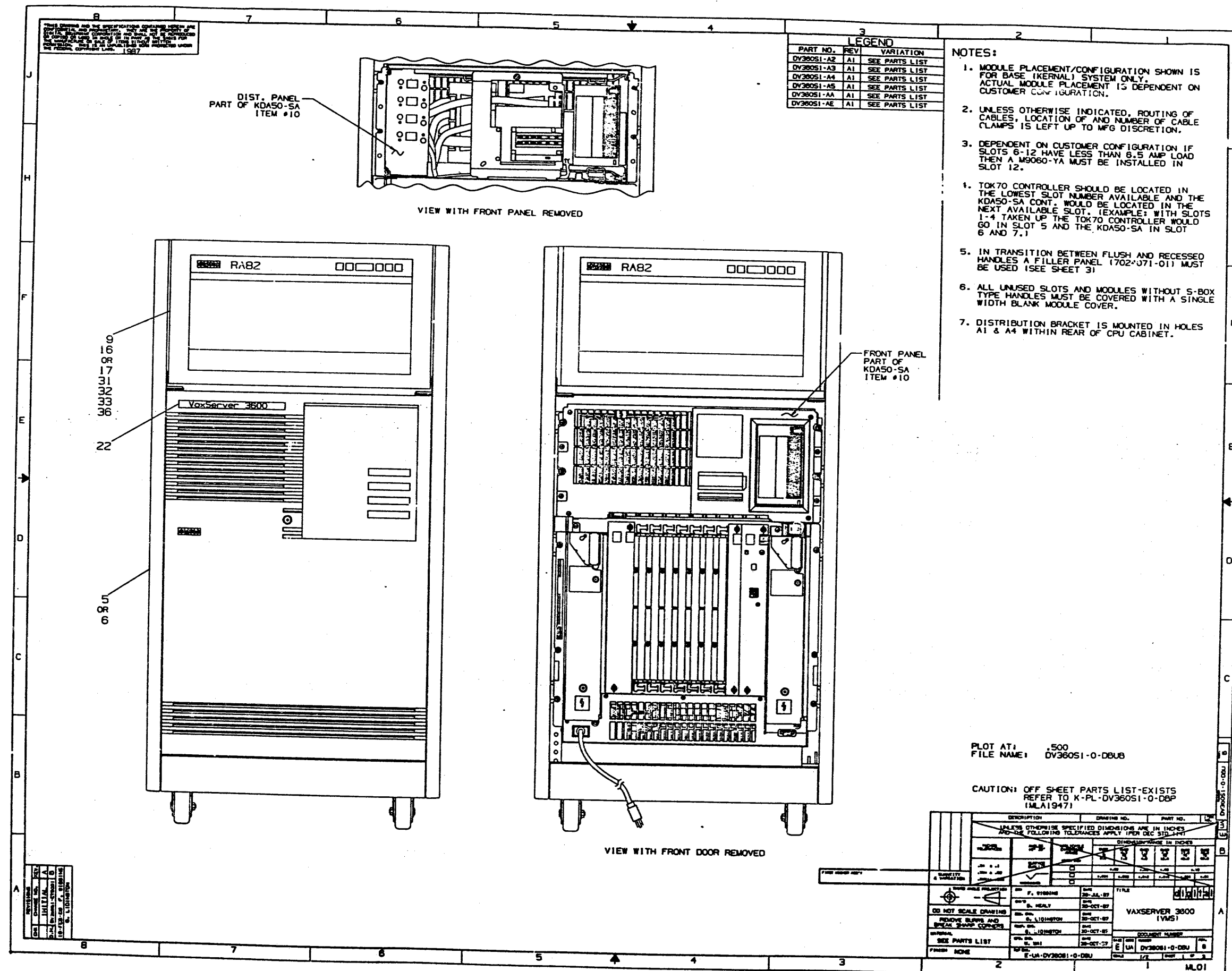
POSSIBLE MODULE CONFIGURATIONS REQUIRING
FILLER GAP PANEL ASSEMBLY (DEC PART NUMBER 70-240711)

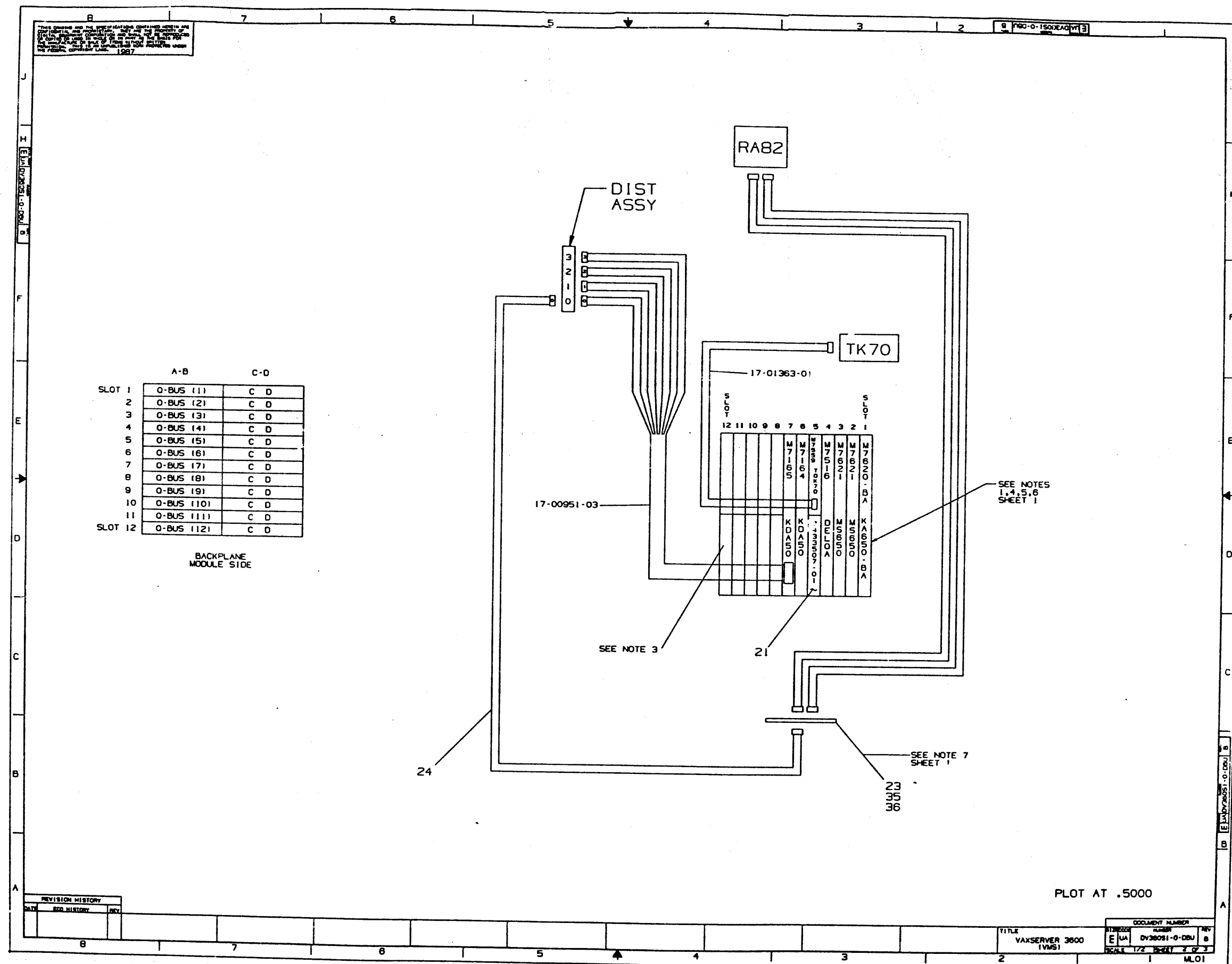
PLOT AT .5000

REVISION HISTORY		
DATE	FOR HISTORY	REV

TITLE MICROVAX 3600
EXP CAB SYSTEM
(VMS)

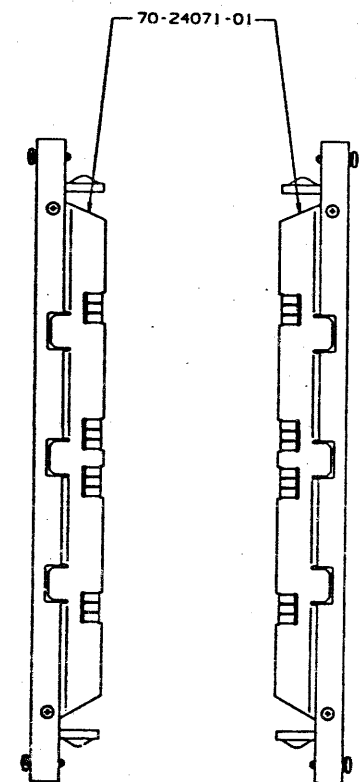
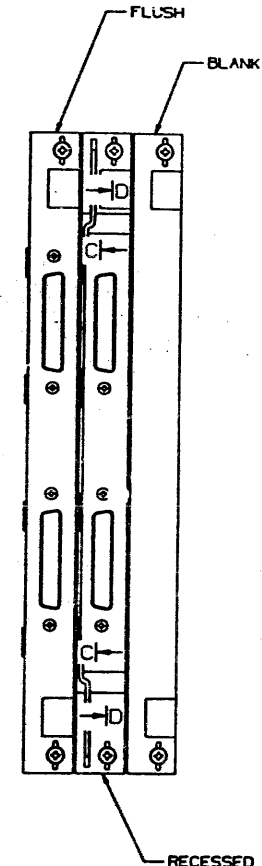
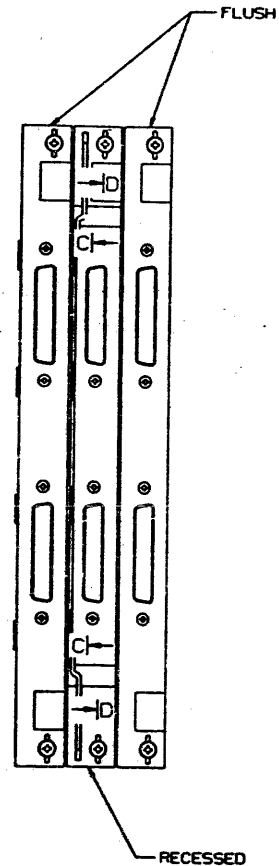
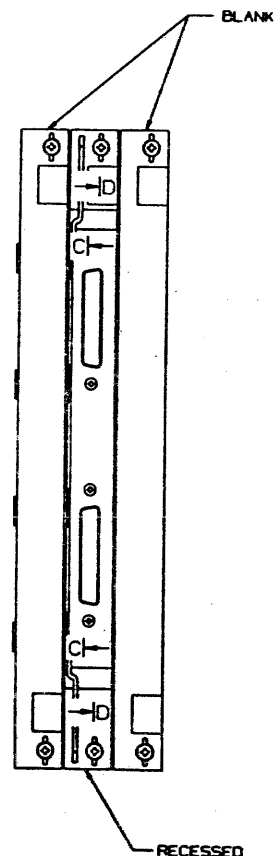
DOCUMENT NUMBER		
NUMBER	REV	
70-24071-0-000	C	
SCALE 1/2"=1'-0"	4 OF 4	ML01





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9 700-0-1509EAO W 3



VIEW C-C

VIEW D-D

POSSIBLE MODULE CONFIGURATIONS REQUIRING
FILLER GAP PANEL ASSEMBLY (DEC PART NUMBER 70-24071)

PLOT AT .5000

REVISION HISTORY		
DATE	BY	DESCRIPTION

TITLE
VAXSERVER 3800
(VMS)

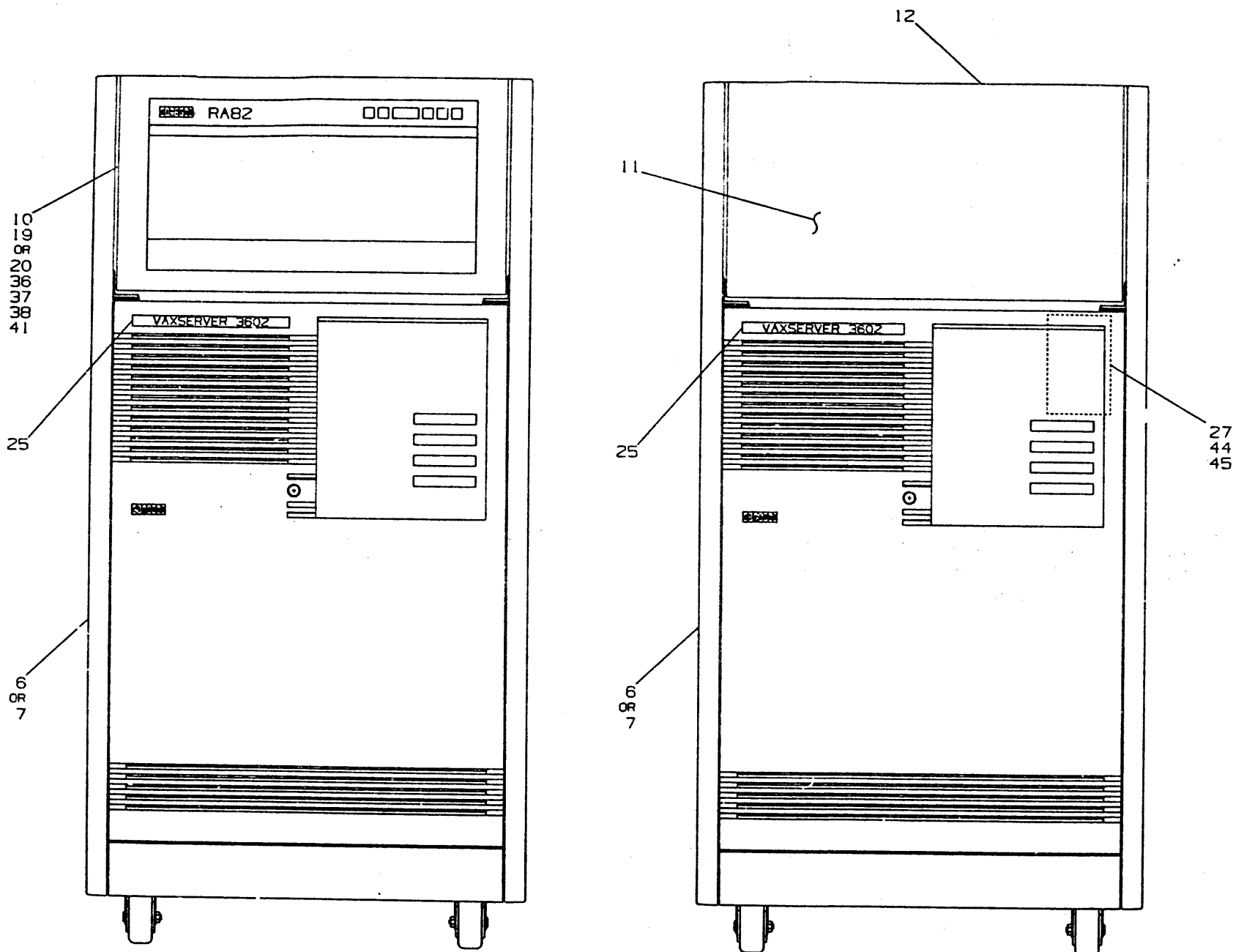
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9	100	12-07-77

ML01

LEGEND		
PART NO.	REV	VARIATION
DV38052-A2	A1	SEE PARTS LIST
DV38052-A3	A1	SEE PARTS LIST
DV38052-A4	A1	SEE PARTS LIST
DV38052-A5	A1	SEE PARTS LIST
DV38052-AA	A1	SEE PARTS LIST
DV38052-AE	A1	SEE PARTS LIST

1. MODULE PLACEMENT/CONFIGURATION SHOWN IS FOR BASE (KERNAL) SYSTEM ONLY. ACTUAL MODULE PLACEMENT IS DEPENDENT ON CUSTOMER CONFIGURATION.

2. UNLESS OTHERWISE INDICATED, ROUTING OF CABLES, LOCATION OF AND NUMBER OF CABLE CLAMPS IS LEFT UP TO MFG DISCRETION.
3. DEPENDENT ON CUSTOMER CONFIGURATION IF SLOTS 6-12 HAVE LESS THAN 6.5 AMP LOAD THEN A M9060-YA MUST BE INSTALLED IN SLOT 12.
4. TOK70 CONTROLLER SHOULD BE LOCATED IN THE LOWEST SLOT NUMBER AVAILABLE AND THE KDA50-SA CONT. WOULD BE LOCATED IN THE NEXT AVAILABLE SLOT. (EXAMPLE: WITH SLOTS 1-4 TAKEN UP THE TOK70 CONTROLLER WOULD GO IN SLOT 5 AND THE KDA50-SA IN SLOT 6 AND 7.)
5. IN TRANSITION BETWEEN FLUSH AND RECESSED HANDLES A FILLER PANEL (7024071-01) MUST BE USED (SEE SHEET 4)
6. ALL UNUSED SLOTS AND MODULES WITHOUT S-BOX TYPE HANDLES MUST BE COVERED WITH A SINGLE WIDTH BLANK MODULE COVER.
7. DISTRIBUTION BRACKET IS MOUNTED IN HOLES A1 & A4 WITHIN REAR OF CPU CABINET.
8. ITEM 42 (70-25708-01) IS LOCATED UNDER TOP COVER IHS944-LR1.



PLOT AT: .500
FILE NAME: DV360S2-0-DBUB

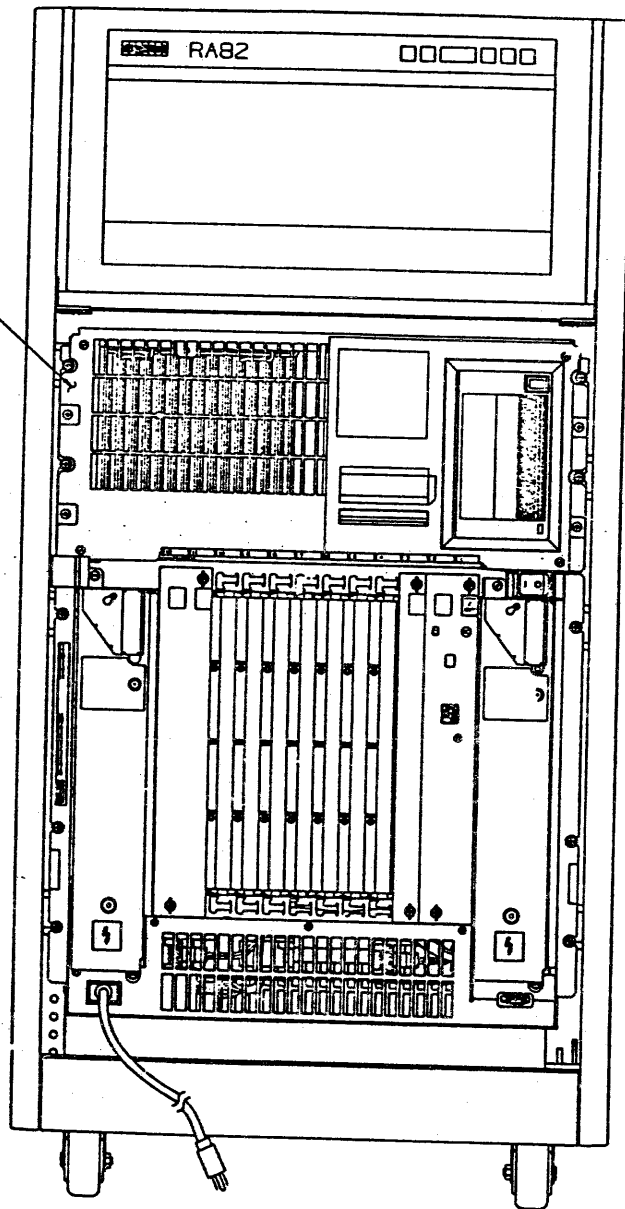
CAUTION: OFF SHEET PARTS LIST EXISTS
SEE K-PL-DV360S2-0-DBP
(MLA1949)

REVISIONS		
CHK	CHANGE NO.	REV.
	INITIAL	A
D.M.	07/20/2007-CT0001	B
01-APR-08 P. BLODINE		
A. LIGATION		

[illegible]

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FRONT PANEL
PART OF KDA50-SA
ITEM #13

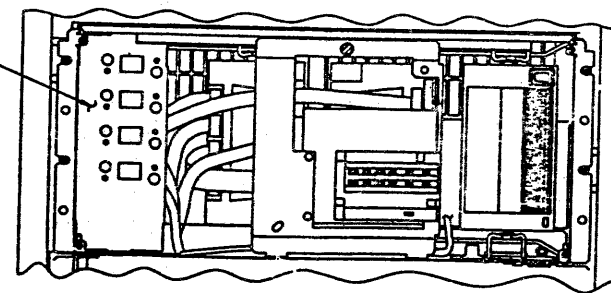


VIEW WITH FRONT DOOR REMOVED

	A-B	C-D
SLOT 1	O-BUS (1)	C D
2	O-BUS (2)	C D
3	O-BUS (3)	C D
4	O-BUS (4)	C D
5	O-BUS (5)	C D
6	O-BUS (6)	C D
7	O-BUS (7)	C D
8	O-BUS (8)	C D
9	O-BUS (9)	C D
10	O-BUS (10)	C D
11	O-BUS (11)	C D
SLOT 12	O-BUS (12)	C D

BACKPLANE
MODULE SIDE

DIST. PANEL
PART KDA50-SA
ITEM #13

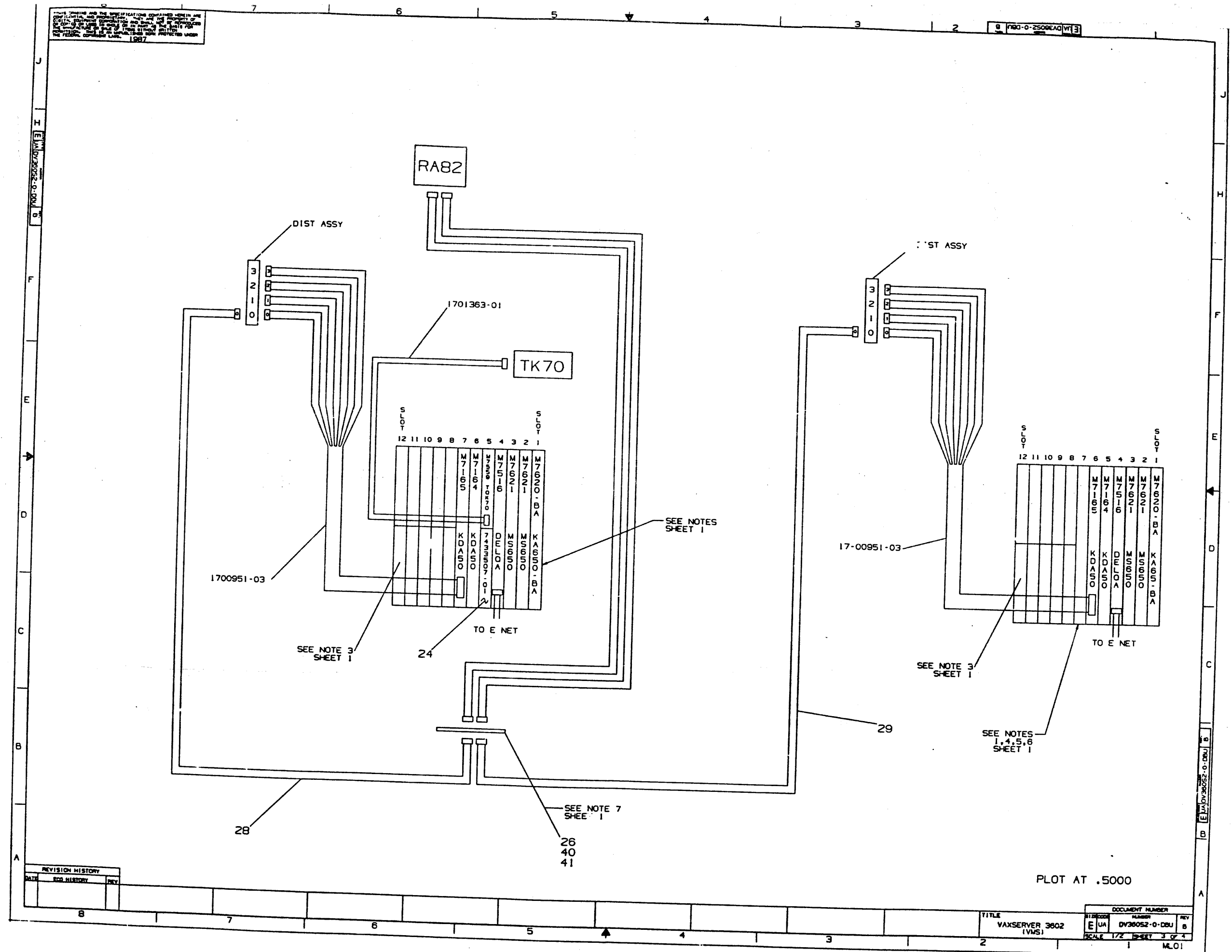


VIEW WITH FRONT PANEL REMOVED

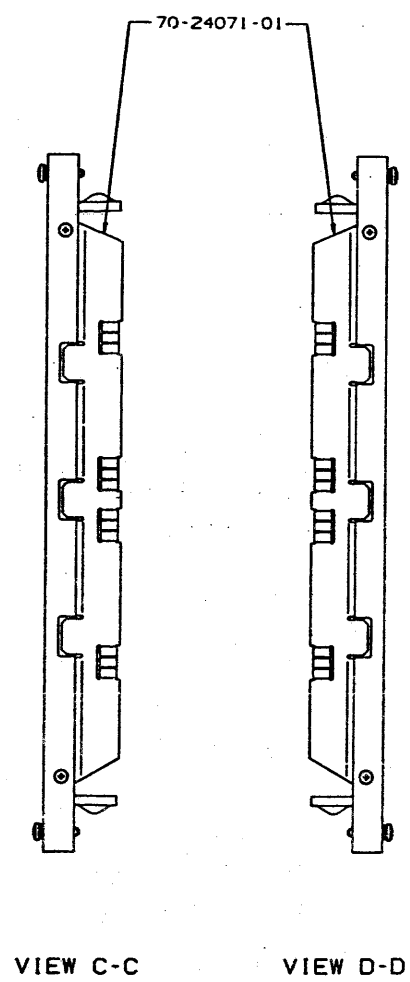
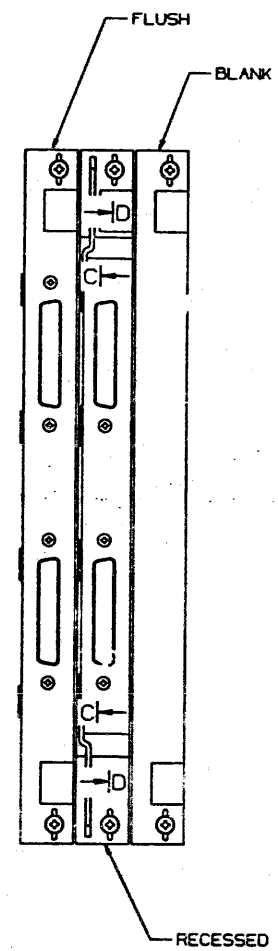
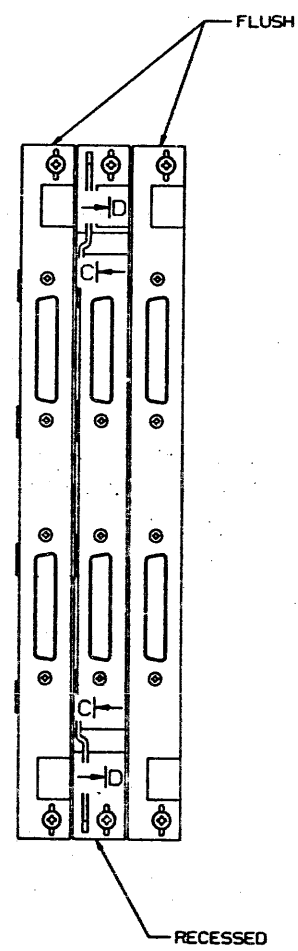
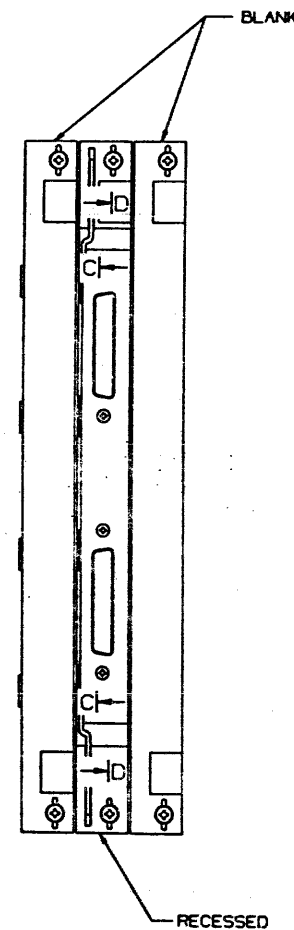
REVISION HISTORY		
DATE	BY	REV

PLOT AT .5000

TITLE		DOCUMENT NUMBER	
VAXSERVER 3602 (VMS)		DV36052-0-DBU	
SCALE 1/2	INSERT 2 OF 4	REV B	ML01



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POSSIBLE MODULE CONFIGURATIONS REQUIRING
FILLER GAP PANEL ASSEMBLY (DEC PART NUMBER 70-24071)

PLOT AT .5000

REVISION HISTORY		
DATE	ECO HISTORY	REV

TITLE		DOCUMENT NUMBER	
VAXSERVER 3802 (VMS)		DEC 3802	REV B
		NUMBER DV38052-0-DBU	
		SCALE 1/2" IS-SET 4" 4"	

ML01

AUTOMATED BY VAXKPL (V1.3)

PARTS LIST

SHEET A1 OF A1

LINE ITEM TOP DOCUMENT

PART NUMBER

MIN
REV

DESCRIPTION

QUANTITY PER VARIATION/REVISION

AA
A1

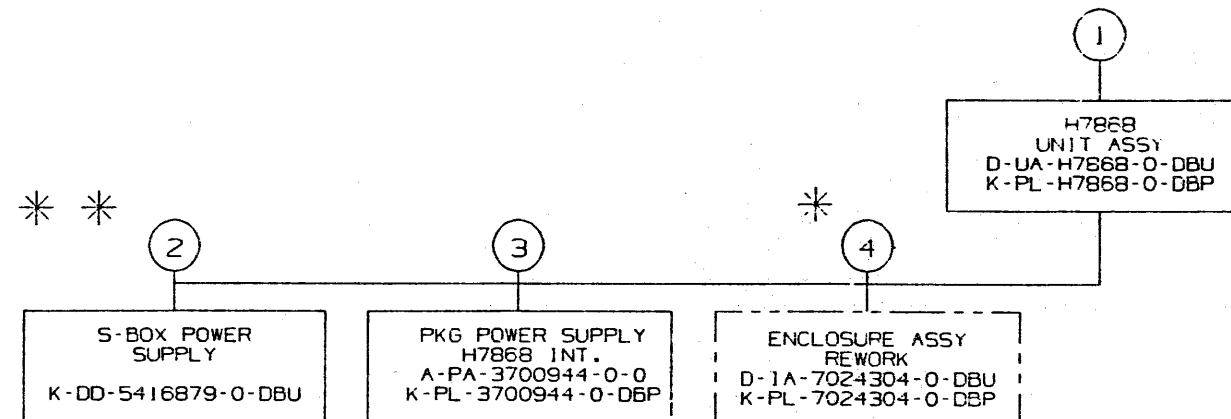
1 1 E-DD-M7621-0

M7621-AA

8MB 256K CHIP RAM ARRAY = M7621-AF

1

REVISION HISTORY			KPL MATRIX FORMAT		SECTION A OF A		DRN: ROBERT KOPPENAL		DIGITAL			
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX		DATE: 18-DEC-87		CHK'D: ROBERT KOPPENAL		TITLE PARTS LIST			
---	INITIAL	A	(A)	AA	DATE: 18-DEC-87		DATE: 18-DEC-87		8MB ECC MOS MEMORY			
			(B)				DES.ENG: J. GROOMS					
			(C)				DATE: 18-DEC-87		DOCUMENT NUMBER			
			(D)				RESP.ENG.: J. GROOMS		SIZE CODE NUMBER REV			
			(E)				DATE: 18-DEC-87		K PL MS650-AA-DBP A			
			(F)				MFG.ENG: P. COHEN		RELEASE DATE: 18-DEC-87			
			(H)				DATE: 18-DEC-87		RELEASE STATUS: RELEASED			
			(J)									
			BASIC PART NUMBER:		ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME:		EDIT #	
			MS650				B-DD-MS650-AA		SH533A.PLS		5	
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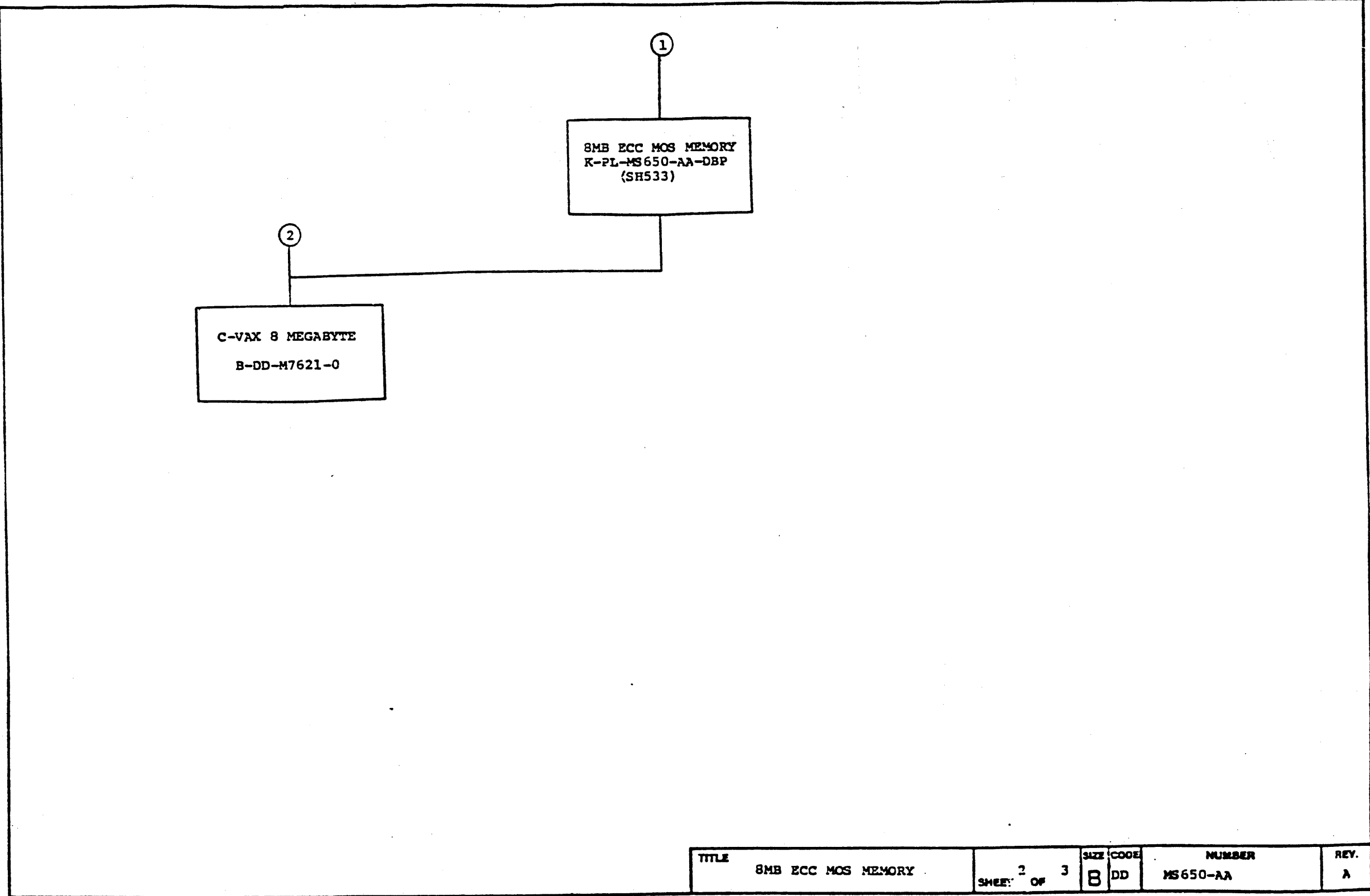


* ASSY INDICATED IS AN ACCEPTABLE
SHORT TERM SUBSTITUTE
FOR D-1A-7433416-0-DBU,
CALLED OUT IN FIND 1 OF
SHEET 3 OF 3

* * ALSO INCLUDED FOLLOWING
PC BOARDS:
K-DD-5416877-0-0 (SIGNAL SEQUENCER)
K-DD-5416875-0-0 (FAN SPEED CONTROLLER)
K-DD-5416913-0-0 (OVER CURRENT & OVER TEMP. CTRL.)

TITLE:	SHEET 2 OF 3	SIZE	CODE	NUMBER	REV.
H7868 UNIT ASSEMBLY		B	DD	H7868-0-DBU	C

MLO1



TITLE		SHEET		OF	SIZE	CODE	NUMBER	REV.
8MB ECC MOS MEMORY		2	3		B	DD	MS650-AA	A

