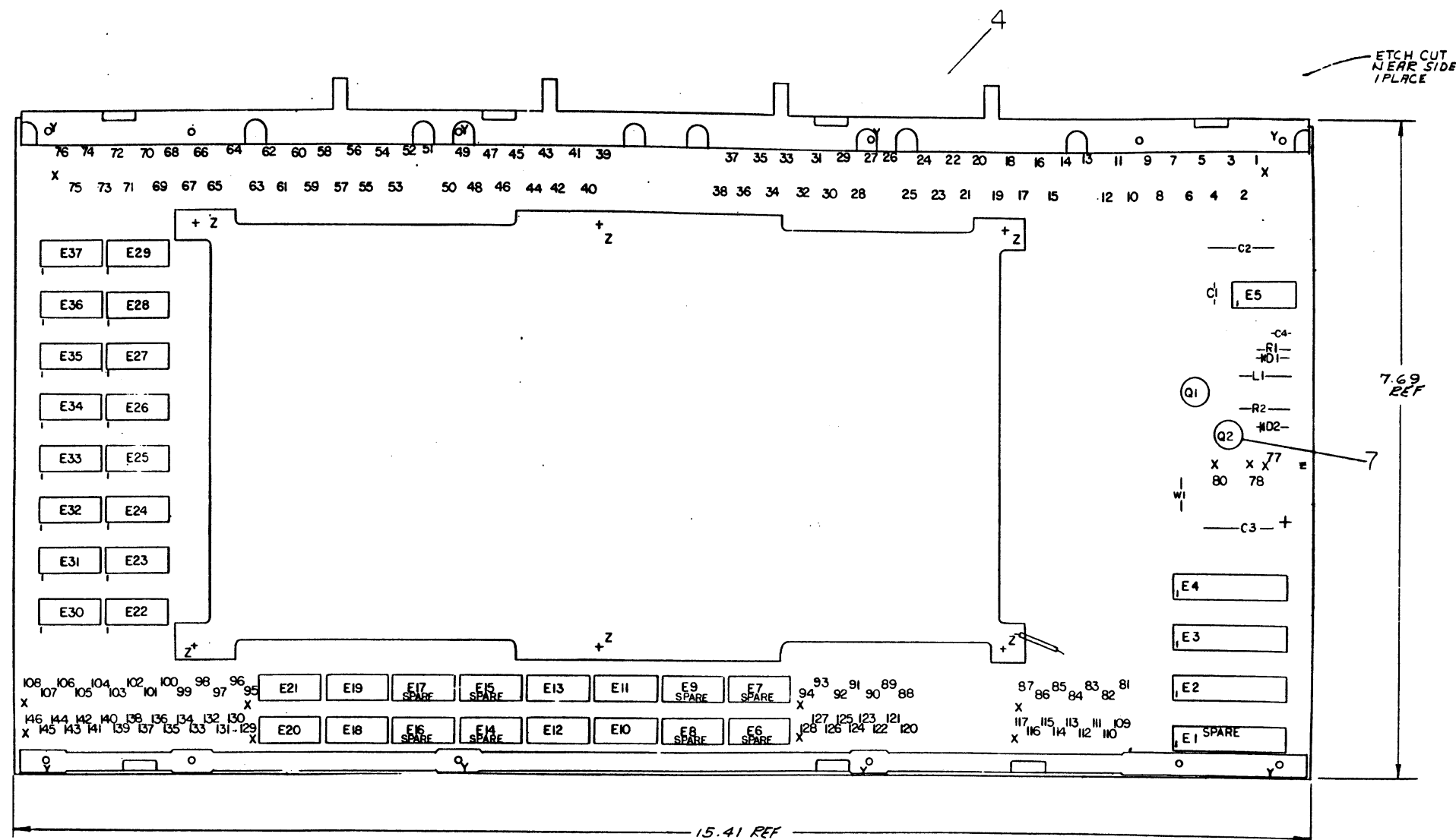


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NOTES:

1. E1, E2 THRU E9, AND E14 THRU E17 ARE SPARES.
2. OMIT PINS, 79, 118, 119



REF		X-Y COORDINATE HOLE LOCATION	K-CO-5411531-0-4	1
REF		ASSY/DEILLING HOLE LAYOUT	D-AH-5411531-0-5	2
REF		MODULE ECO HISTORY	B-MH-5411531-0-6	3
1		ETCHED CIRCUIT BOARD	5010986-00	4
1	C1	CAP .01 μ F 100V 20%	1001610-00	5
2	C2, C3	CAP 6.8 μ F 35V 10% S.TANT	1005306-00	6
3		TRANSIPRD	9007201-00	7
2	D1, D2	DIODE D672	1105275-00	8
				9
1	E2	RES 39 1/2W 5%	1302336-00	10
3	E2, E3, E4	RES PACK (8-220 CKTS 4/1 COM)	1311742-00	11
2	Q1, Q2,	TRANS 3734	1510062-00	12
1	L1	INDUCTOR, DD100	1610662-00	13
1	E5	I.C. 74128	1912068-00	14
24	E10 — E13, E18 — E37	I.C. 2501	1910010-00	15
99	J73, J78, J89, J85 — J108, J113 — J117, J120 — J146 J1 — J3, J7 — J9, J13 — J16, J20 — J22, J26 — J29, J33 — J35, J39 — J41, J45 — J47, J51 — J54, J58 — J60, J64 — J67 J71 — J3	CONTACT, MALE SEE NOTE2	1211727-00	16
1	W1	JUMPER	9009180-00	17
1	R3	RES 100 1/4 W 5%	1300229-00	18
1	C4	CAP 1000PF	1000042-00	19

TITLE		CORE MEMORY STACK 8K		SIZE CODE		NUMBER		REV.	
				D CS		5411531-0-1		A	
SCALE		SHEET 2 OF 4		DIST.					

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DCS 5411531-0-1

2

1

D

D

C

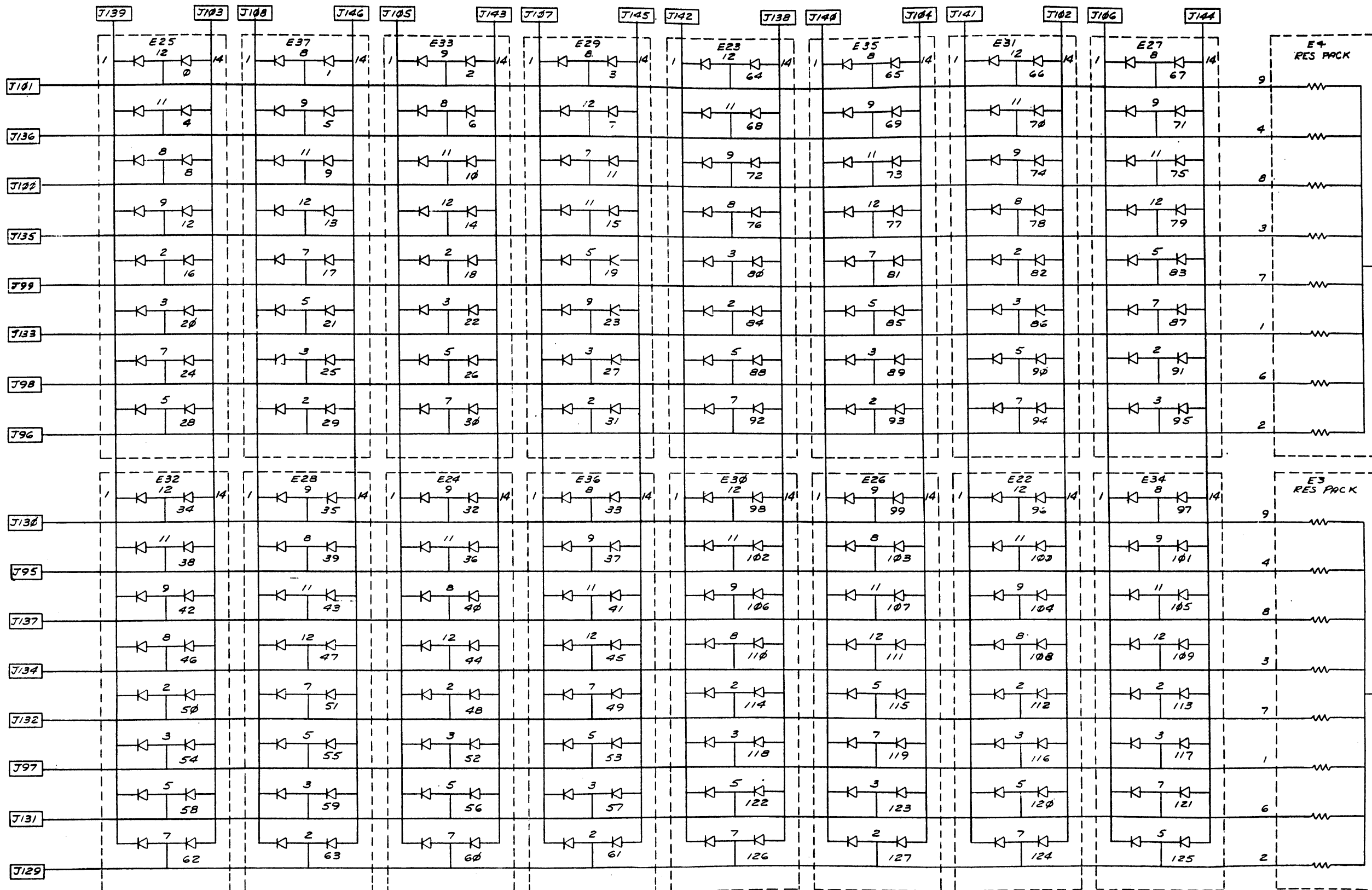
C

B

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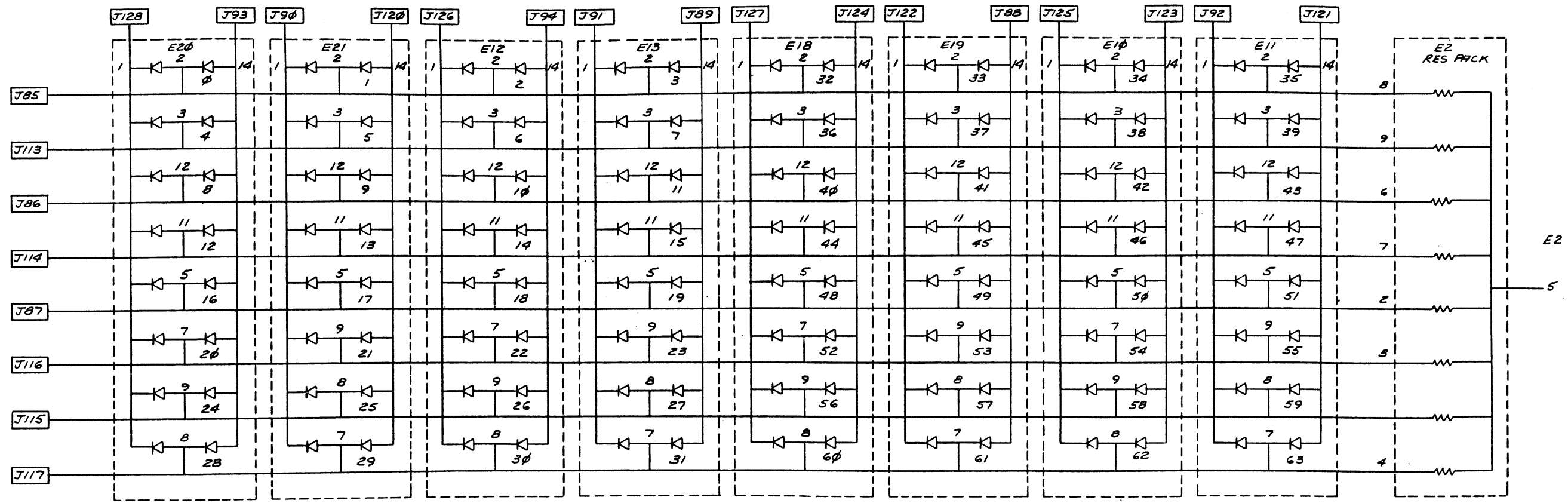


REVISIONS		
CHK	CHANGE NO.	REV.

("X" DRIVE DIMENSION DIODE MATRIX)

TITLE		DCS 5411531-0-1	REV.	A
CORE MEMORY STACK 8K		DCS 5411531-0-1	REV.	A
SCALE		SHEET 3 OF 4	DIST.	

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REVISIONS		
CHK	CHANGE NO.	REV.

(Y) DRIVE DIMENSION DIODE MATRIX)

TITLE		SIZE	CODE	NUMBER		REV.
CORE MEMORY		8K	D	CS 5411531-0-1		A
SCALE		SHEET		OF		DIST.

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PARTS LIST				
QTY	REF DESIGNATIONS	DESCRIPTION	PART NO	ITEM NO
REF		X-Y COORDINATE HOLE LOCATION	K-CO-G649-O-4	1
REF		ASSY/DRILLING HOLE LAYOUT	D-AH-G649-O-5	2
REF		MODULE ECO HISTORY	B-MH-G649-O-6	3
1		ETCHED CIRCUIT BOARD	501101G	4
1	C119	CAP 47 PF 100V 5% DM	1000011-00	5
12	C60,C62,C64,C66,C68,C70,C72,C74,C76,C78,C80,C82	CAP 100 PF 100V 5% DM	1000016-00	6
1	C108	CAP 56 PF 100V 5% DM	1000012-00	7
1	C109	CAP 22 PF 100V 5% DM	1005820-00	8
23	C95-C106,C110-C116,C124-C127	CAP 6.8µF 35V 10% STANT	1005306-00	9
1	R94	RES 2G1 1/4W 1%	1302873-00	10
12	C83-C94	CAP 3300 PF 50V 10%	1011740-01	11
1	C117	CAP .022 µF 50V 10%	1011683-00	12
1	R114	RES 1K 1/2W 1%	1300381-00	13
1	D138	DIODE 1N750A 4.7V ZENER	1100124-00	14
137	D1-D136,D139	DIODE D672	1105275-00	15
1	D137	DIODE 1N759A 12V ZENER	1110836-00	16
1		HANDLE, REWORK	7413182-0-0	17
102	(SEE NOTE 2)	RECEPTACLE	1211728-00	18
12	R1-R12	RES 33 1/4W 5%	1300197-00	19
1	R91	RES 100 1/4W 5%	1300229-00	20
1	R77	RES 220 3W 1%	1312123-00	21
3	R49-R51	RES 300 1/2W 5%	1300291-00	22
1	R86	RES 330 1/2W 5%	1300296-00	23
1	R80	RES 1K 1/4W 1%	1303114-00	24
2	R62,R98	RES 3.3K 1/4W 5%	1300439-00	25
4	R52,R53,R102,R103	RES 10K 1/4W 5%	1300479-00	26
1	R97	RES 750 1/4W 1%	1302955-00	27
4	R67,R88,R95,R116	RES 1.2K 1/4W 5%	1301320-00	28
1	R69	RES 31.6K 1/4W 1%	1309416-00	29
1	R63	RES 220 1/4W 5%	1300211-00	30
4	R64,R82,R84,R93	RES 2K 1/4W 1%	1302715-00	31
6	R60,R61,R68,R96,R104,R105	RES 75 1/4W 1%	1303064-00	32
2	R59,R65	RES 1.21K 1/4W 1%	1302871-00	33
1	R117	RES 82K 1/4W 5%	1303219-00	34
1	R58	RES 825 1/4W 1%	1305143-00	35
2	R106,R107	RES 14.7K 1/4W 1%	1302941-00	36
1	R87	RES 5.11K 1/4W 1%	1304854-00	37
12	R25-R36	RES 4.7K 1/4W 5%	1300447-00	38
1	R109	RES 19.6K 1/4W 1%	1309419-00	39
1	R71	RES 137K 1/4W 1%	1305422-00	40
5	R55,R56,R66,R81,R89	RES 562 1/4W 1%	1304693-00	41
4	R54,R57,R99,R100	RES 383 1/4W 1%	1305125-00	42
2	R70,R111	RES 68.1K 1/4W 1%	1305252-00	43
1	R112	RES 121K 1/4W 1%	1305255-00	44
1	R110	RES 34.8K 1/4W 1%	1303156-00	45
2	R63,R85	RES 4.99K 1/4W 1%	1305324-00	46
1	R92	RES 1K 1% THERMISTOR	1310071-00	47
12	R37-R48	RES 22 2 W FUSIBLE	1312502-01	48
6	R13-R18	RES PACK 10/100 CKTS	1311741-00	49

* SEE NOTE 4

PARTS LIST				
QTY	REF DESIGNATIONS	DESCRIPTION	PART NO	ITEM NO
4	R73-R76	RES 30 3W 1%	1311737-00	50
1	R79	RES 100 1/2W 5%	1300228-00	51
1	R115	RES 180 1/4W 5%	1301322-00	52
1	R113	RES 2.61K 1/4W 1%	1303303-00	53
1	Q26	TRANSISTOR 2N2904A	1501913-00	54
4	Q25,Q29-Q31	TRANSISTOR 3009B	1503100-00	55
4	Q33,Q34,Q38,Q39	TRANSISTOR 6534B	1503409-01	56
4	Q32,Q37,Q42,Q43	TRANSISTOR 4258	1505321-00	57
12	Q1-Q12	TRANSISTOR 6531B	1509338-00	58
2	W1,W2	BUS WIRE #22AWG	9107560-01	59
3	Q27,Q28,Q44	TRANSISTOR MXAA55	1510706-00	60
16	Q13-Q24,Q35,Q36,Q40,Q41	TRANSISTOR 2N3725	1510959-00	61
1	T5	TRANSFORMER 1:1	1609996-00	62
4	T1-T4	TRANSFORMER 2:1	1611756-00	63
2	E31,E35	IC 74H40	1905586-00	64
1	E30	IC 74H10	1909057-00	65
2	E4,E33	IC 74H11	1909267-00	66
1	E9	IC 7384	1910393-00	67
1	E39	IC 74H74	1909667-00	68
3	E7,E28,E40	IC 8881	1909705-00	69
1	E3	IC 74H04	1909931-00	70
5	E20,E26,E51,E58,E64	IC 7442	1910046-00	71
1	E44	IC 74121	1910230-00	72
1	E37	IC 741	1910298-00	73
1	E42	IC 7406	1910741-00	74
20	E16-E19,E22-E25,E47-E50,E54-E57,E60-E63	IC 75325	1910960-00	75
10	E1,E2,E5,E8,E10,E11,E29,E34,E36,E41	IC 8640	1911469-00	76
12	E6,E12,E14,E15,E21,E27,E38,E43,E45,E46,E53,E59	IC 7520	1911748-00	77
3	E13,E32,E52	IC 74128	1912068-00	78
6		EYELET (TERMINAL POSTS)	9006735-00	79
8	W5-W12	MACHINE INSERTED JUMPERS	9009185	80
2	W13,W14	INSULATED WIRE #22AWG	1700035-00	81
1	J147	CONNECTOR 7 PIN	1212104-00	82
12		EYELET	9006732-00	83
6	R19-R24	RES 10K 1/4W 1%	1303312-00	84
51	C1-C6,C9,C10,C13-C20,C23-C34,C37-C44,C47,C48,C51-C58,C107,C118,C122,C123,C128	CAP .01µF 50V	1001610-00	85
14	C7,C8,C11,C12,C21,C22,C35,C36,C45,C46,C49,C50,C120,C121	CAP .22µF 50V	1010274-00	86
3	R72,R83,R90	RES 274K 1/4W 1%	1305131-00	87
1	R108	RES 3.16K 1/4W 1%	1303045-00	88
A/R	W15-W22	WIRE #30AWG SOLID GREEN	9105740-55	89
1	R101	RES 46.4K 1/4W 1%	1303311-00	90
1	R78	RES 5.62K 1/4W 1%	1305128-00	91
18		TRANSIPAD	9007201-00	92
A/R		INSULATION	9107256-10	93

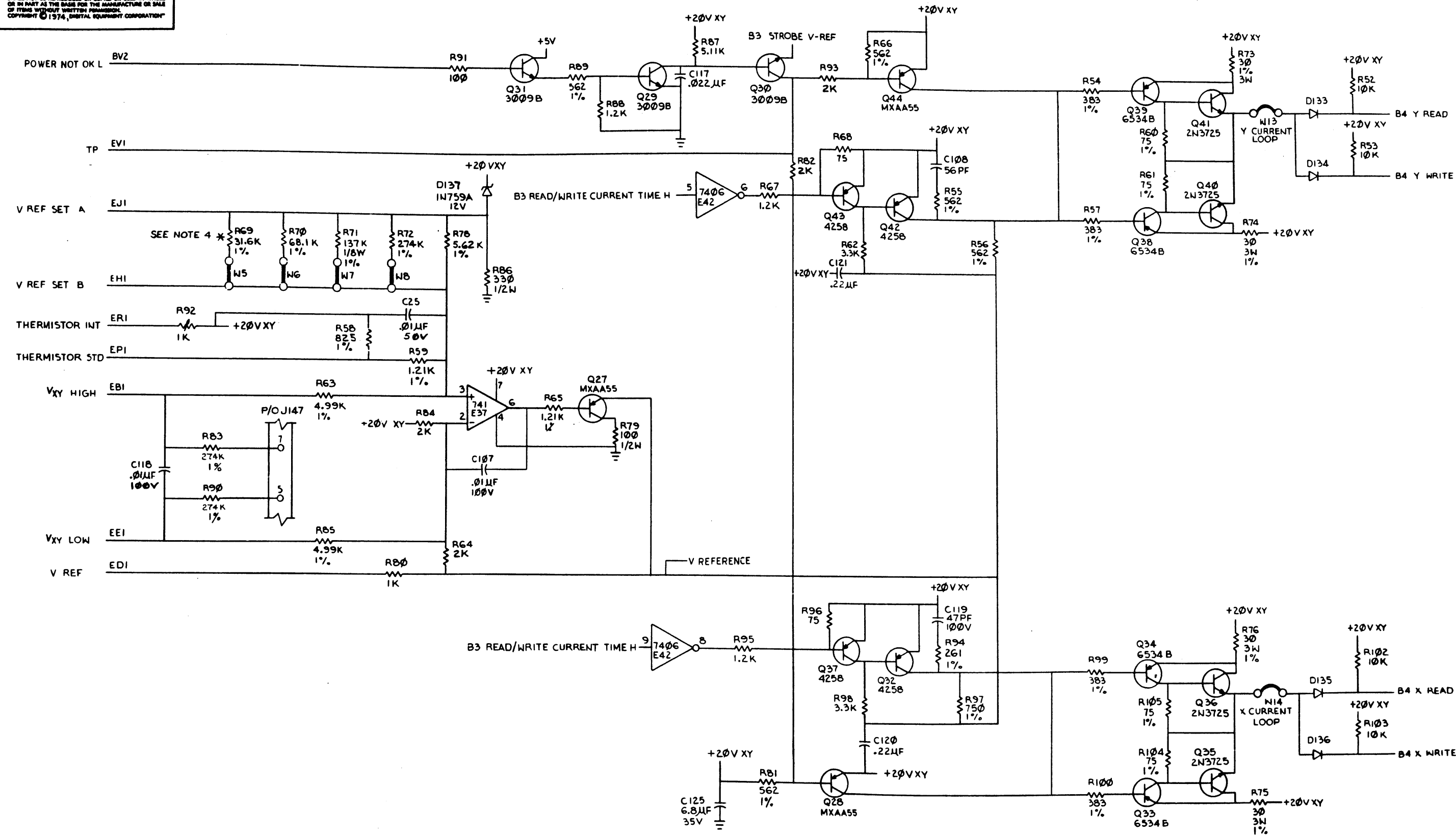
* SEE NOTE 4

REVISIONS		
CHK	CHANGE NO	REV



TITLE		8K 12 BIT (B3)		SIZE CODE		NUMBER		REV.	
BASE BOARD				D CS		G649-0-1		F	
SCALE 1/8"		SHEET 3 OF 2		DWT.					

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REVISIONS		
CHK	CHANGE NO.	REV.

(CURRENT & CONTROL)

TITLE		8K 12 BIT (B4)	BASE BOARD	SCALE	4 OF 12	REV.	F
D/C S		G649-0-1		D/C S		F	

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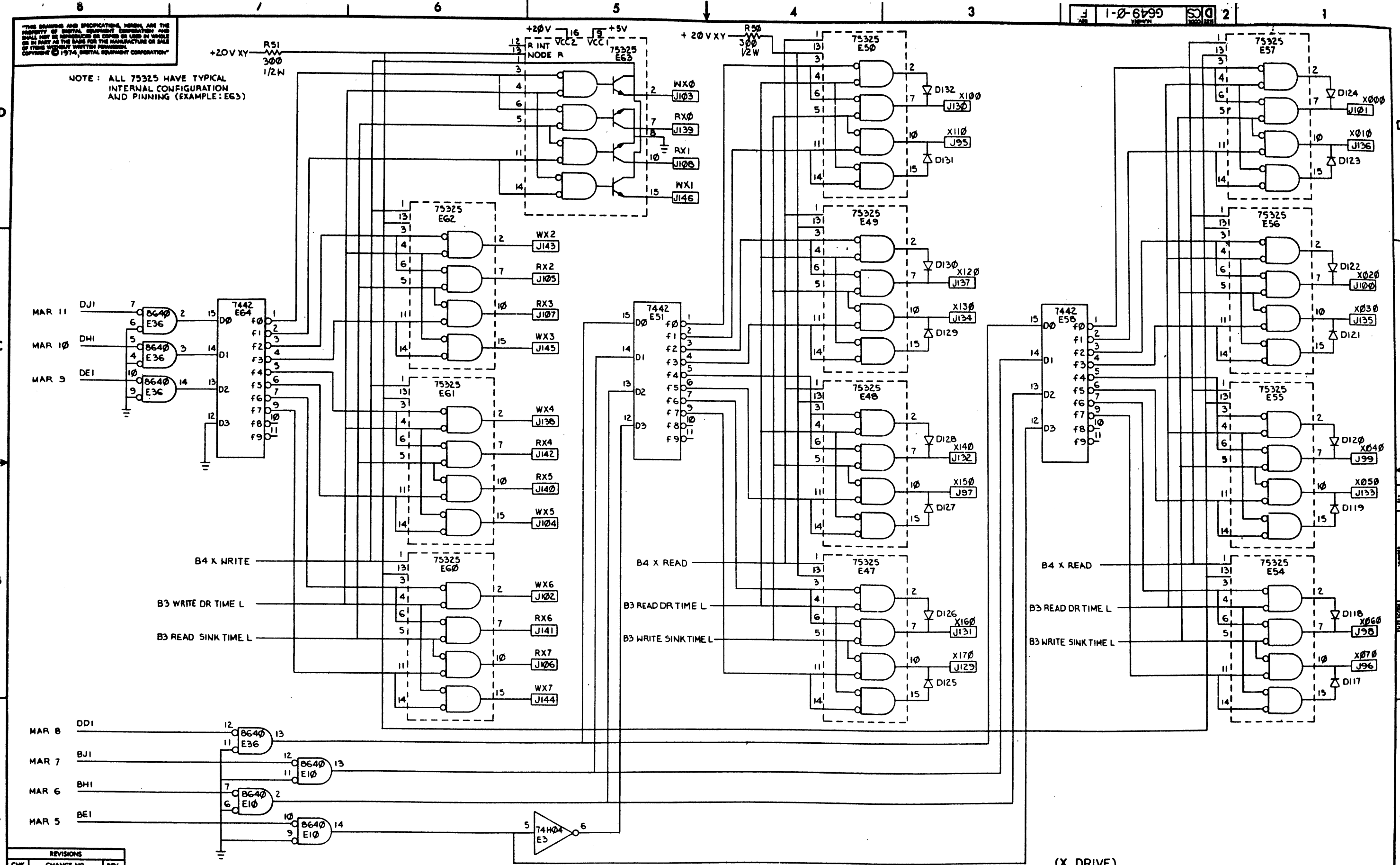
NOTE: ALL 75325 HAVE TYPICAL INTERNAL CONFIGURATION AND PINNING (EXAMPLE: E63)

D

C

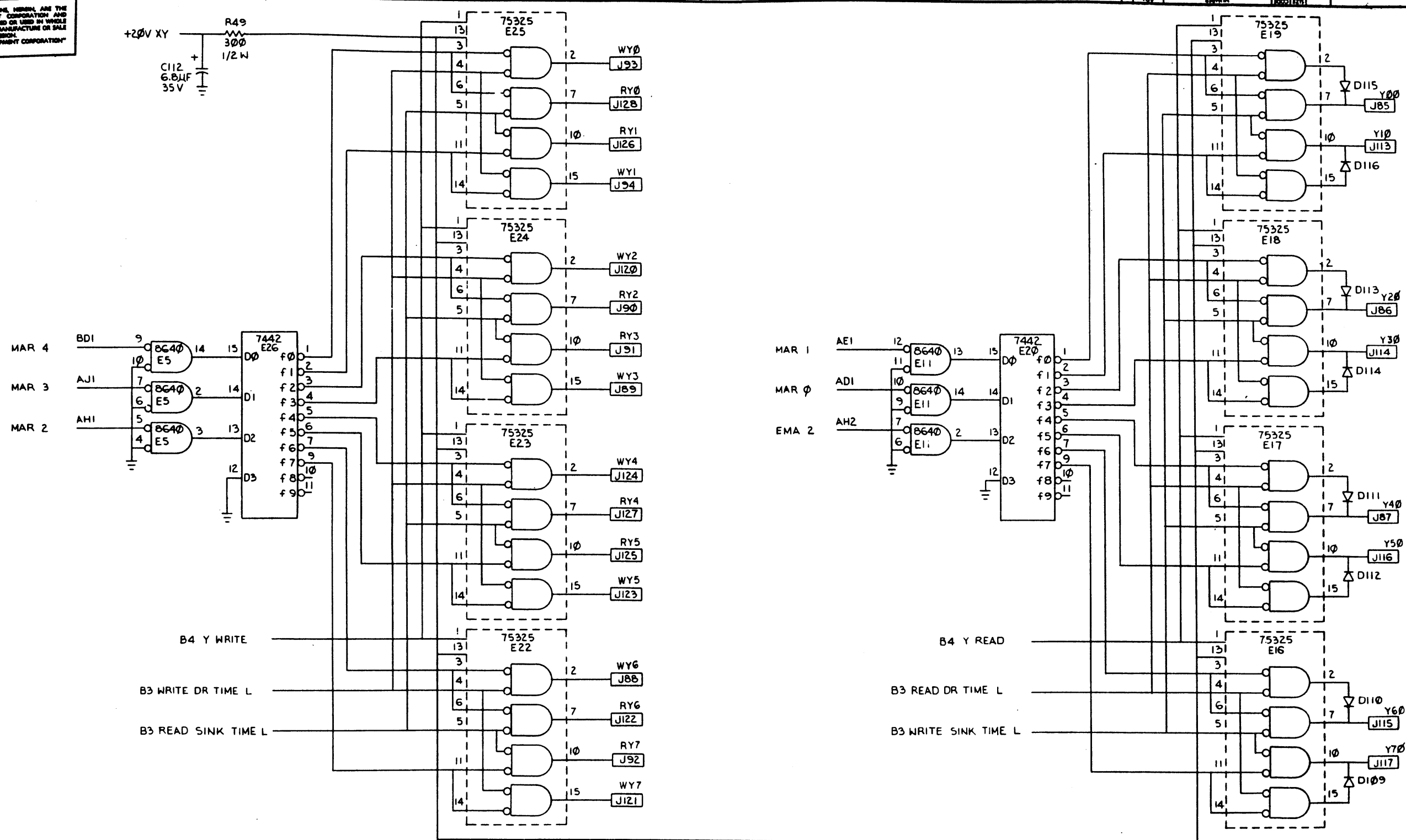
B

A



REVISIONS		
CHK	CHANGE NO.	REV.

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REVISIONS		
CHK	CHANGE NO.	REV.

(Y DRIVE)

TITLE 8K 12 BIT BASE BOARD (B6)

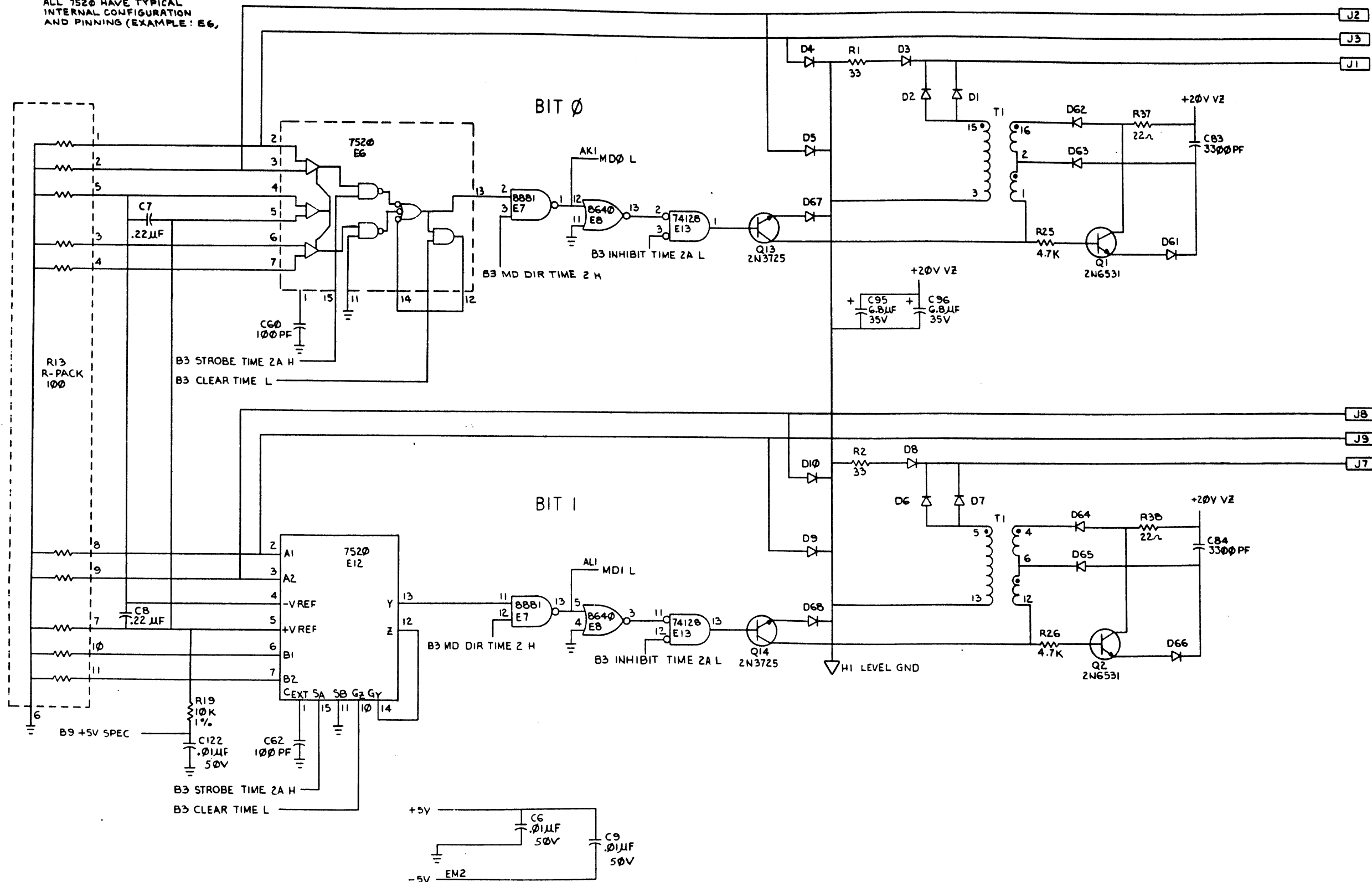
SCALE 1" = 1" SHEET 6 OF 12

NUMBER G649-0-1

REV. F

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NOTE:
ALL 7520 HAVE TYPICAL
INTERNAL CONFIGURATION
AND PINNING (EXAMPLE: E6,



REVISIONS		
CHK	CHANGE NO.	REV.

(SENSE/INHIBIT 2 BITS)

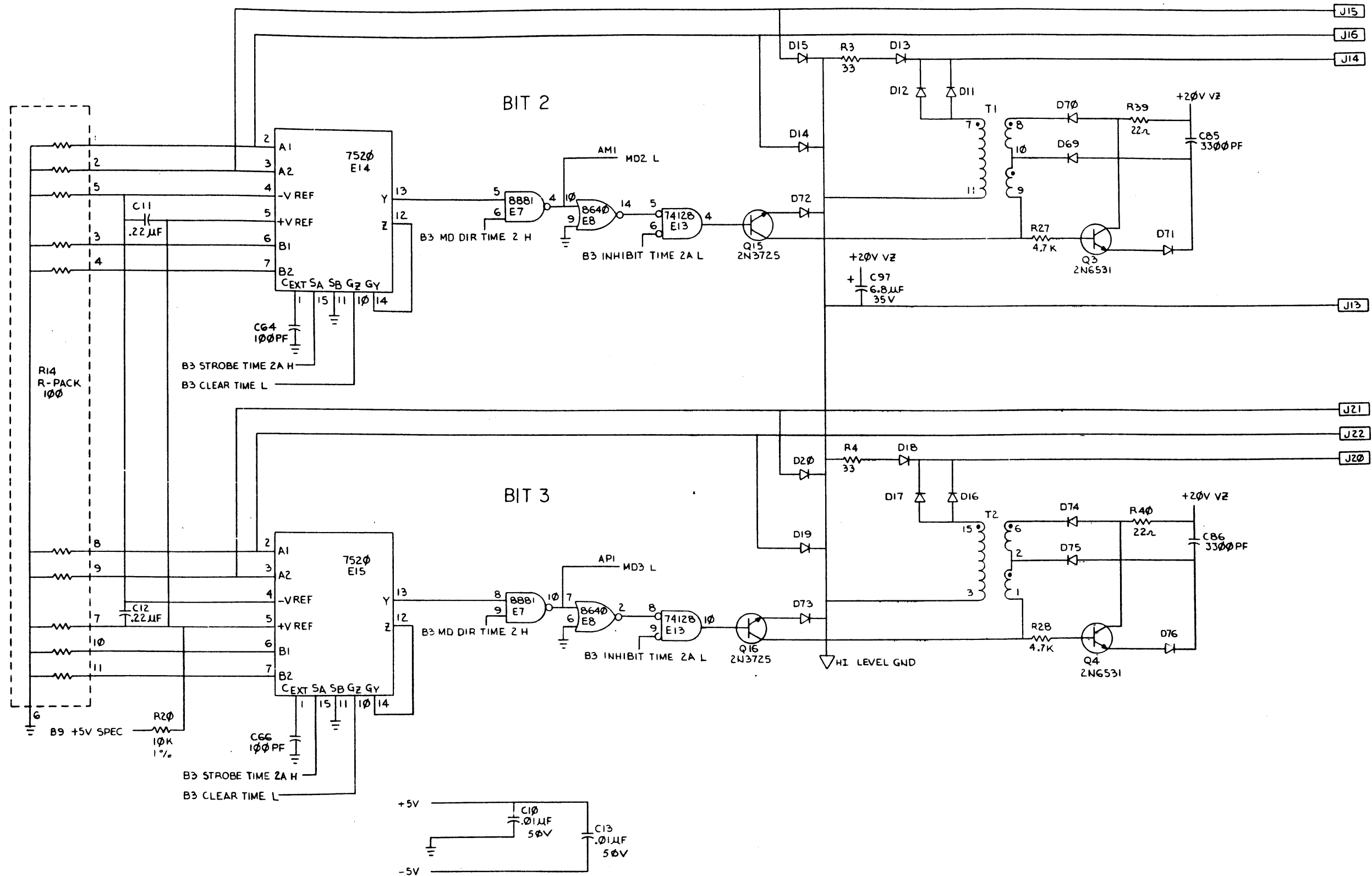
TITLE 8K 12 BIT
BASE BOARD (B7)

SIZE CODE D CS
NUMBER 6649-0-1
REV. F

SCALE 7 7 SHEET 7 OF 12

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1-0-64990 2

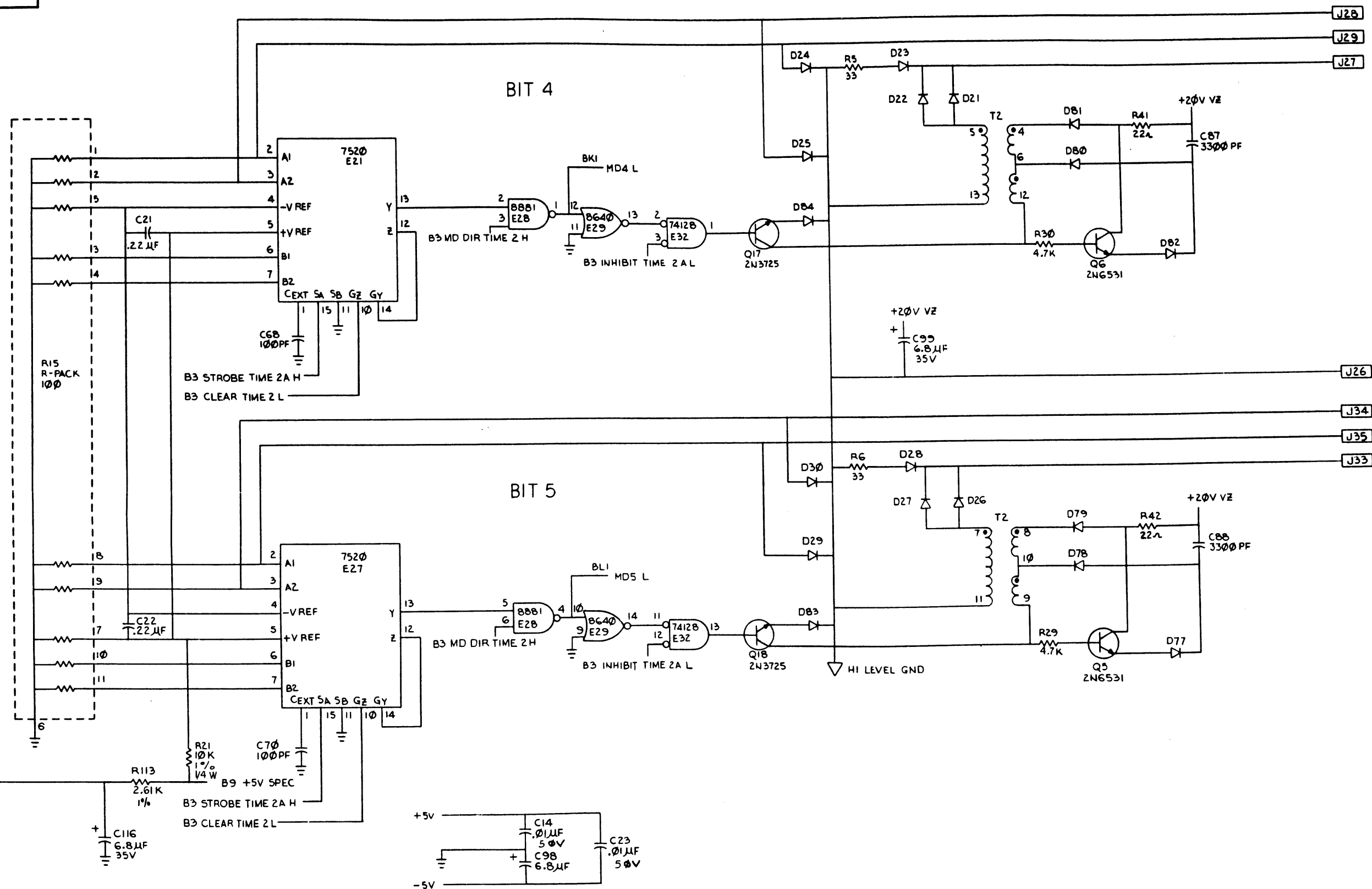


REVISIONS		
CHK	CHANGE NO.	REV.

(SENSE/INHIBIT 2 BITS)

TITLE		8K 12 BIT BASE BOARD (88)	SIZE	CODE	NUMBER	REV.
SCALE		1:1	D	CS	G649-0-1	1
SHEET		8 OF 12	DIST.			

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REVISIONS		
CHK	CHANGE NO.	REV.

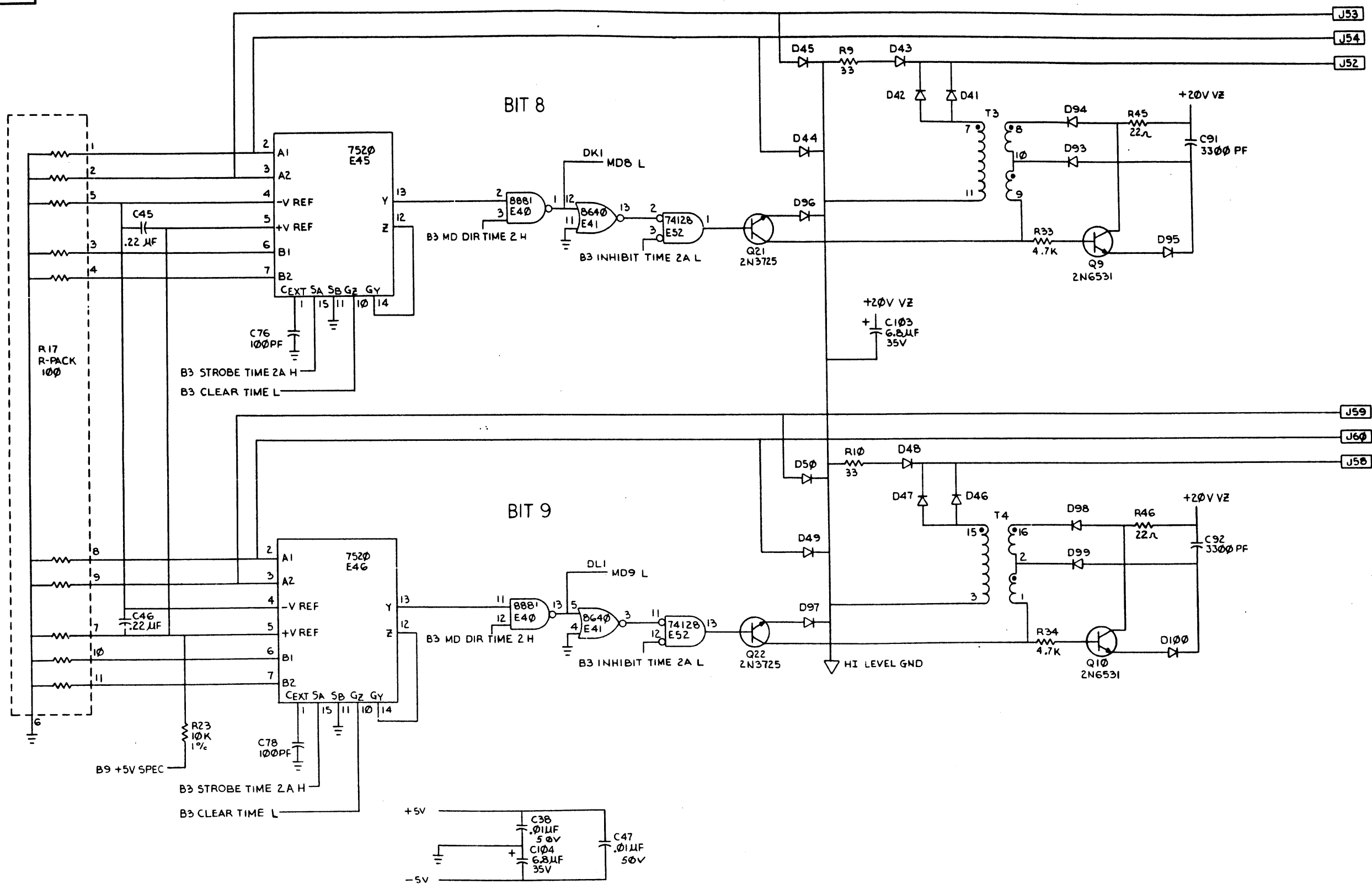
(SENSE/INHIBIT 2 BITS)		TITLE		8K 12 BIT BASE BOARD (B9)		SIZE CODE		NUMBER		REV.	
D CS		G649-0-1		1		F					
SCALE		SHEET		9 OF 12		DST.					

1



(SENSE / INHIBIT 2 BITS)									
TITLE 8K 12 BIT (B10) BASE BOARD				D CS		NUMBER G649-0-1		REV. F	
SCALE 1/4		SHEET 10 OF 12		DIST.					

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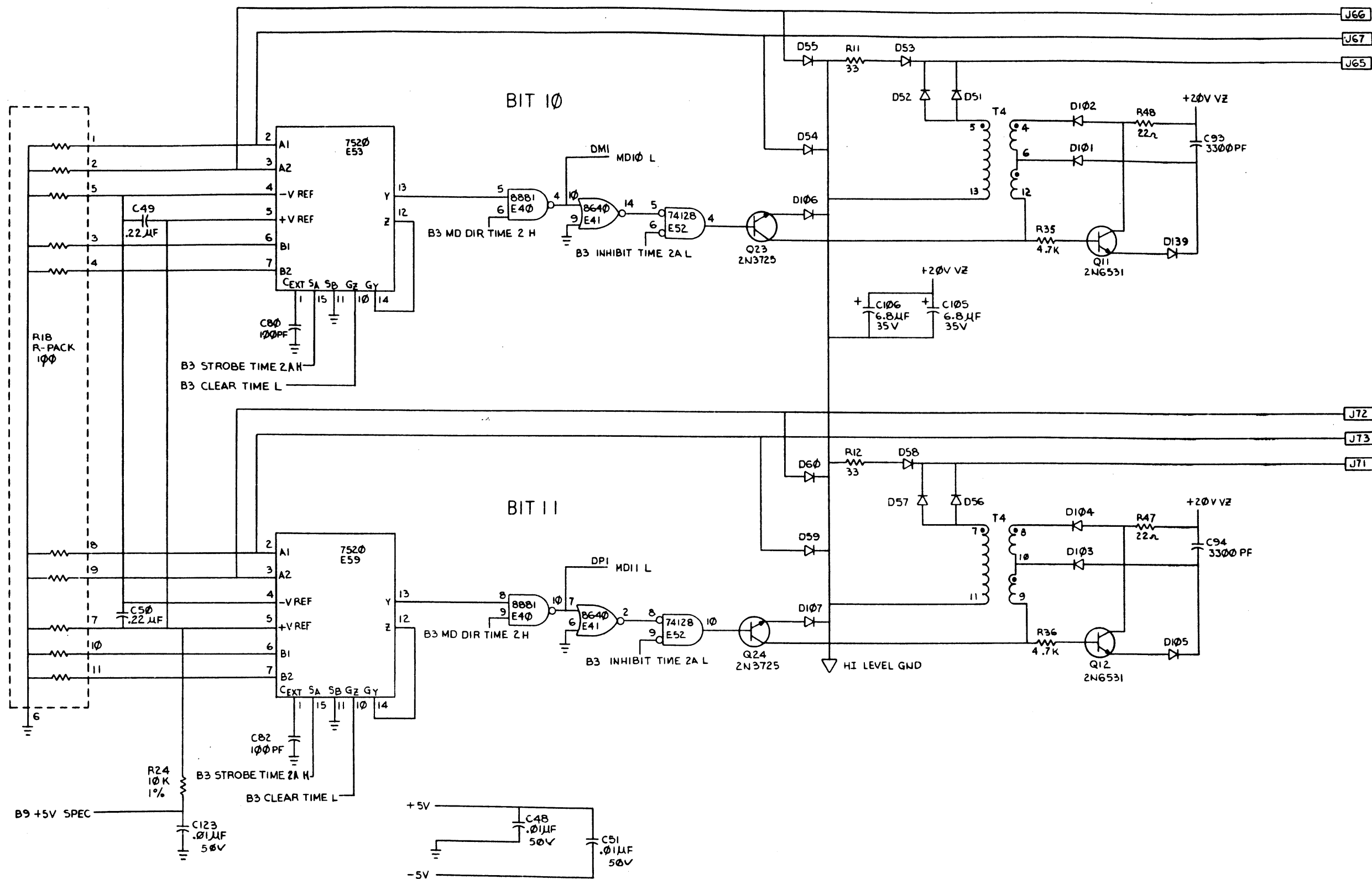


(SENSE / INHIBIT 2 BITS)

REVISIONS		
CHK	CHANGE NO.	REV.

TITLE 8K, 12 BIT (B11)		SIZE CODE D CS		NUMBER G649-0-1		REV F	
SCALE $\frac{1}{4}'' = 1'$		SHEET 11 OF 12		DWT.			

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REVISIONS		
CHK	CHANGE NO.	REV.

(SENSE/INHIBIT 2 BITS)

TITLE	8K, 12 BIT BASE BOARD	(B12)
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SIZE	CODE	NUMBER
D	CS	G649-0-1

REV.
F

SCALE	1/4" = 1'	SHEET	12	OF	12
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DIST.							
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