

DRAWING DIRECTORY

DRAWING DIRECTORY

MODULE UTILIZATION LIST
READ/WRITE
INDEX SECTOR
CONTROL & INTERLOCK
TRACK ADDRESS DIFFERENCE
POSITION SERVO PREAMP
SERVO POWER AMP CIRCUIT
SERVO POWER AMP
CONTROL PANEL CIRCUIT
CONTROL PANEL
RELAY BOARD CIRCUIT
DECPACK MOTOR RELAYS
CHASSIS WIRING
ACCESSORY LIST
POWER SUPPLY (H743)
WIRE LIST
INDEX SECTOR (UA)
INDEX SECTOR (PL)
CONTROL & INTERLOCK (UA)
CONTROL & INTERLOCK (PL)

B-DD-RK05F-0
SHEET #1 ONLY
C-MU-RK05F-0-2
D-CS-G180-0-1
D-CS-M7680-0-1
D-CS-M7681-0-1
D-CS-M7701-0-1
D-CS-G938 YA-0-1
D-CS-H604-0-1
E-UA-H604-0-0
D-CS-5409698-0-1
E-IA-5409698-0-0
D-CS-5409574-0-1
E-IA-5409574-0-0
D-BD-RK05-0-1
A-PL-RK05F-0-17
B-DD-H743-0
K-WL-RK05-0-3
D-UA-M7680-0-1
B-PL-M7680-0-1
D-UA-M7681-0-1
B-PL-M7680-0-1

MFG. PRINT SET

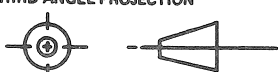
MODULE UTILIZATION (PL)
RK05F TESTER
DECPACK ASSY
DECPACK ASSY (PL)
WIRED ASSY
LINEAR POSITIONER ASSY
LINEAR POSITIONER ASSY (PL)
H743 POWER SUPPLY
REVISION STATUS

A-PL-RK05F-0-2
B-DD-RK05F-T
D-UA-RK05F-0-0
A-PL-RK05F-0-0
D-AD-7008696-0
D-AD-7008702-0
A-PL-7008702-0
B-DD-H743-0
A-WT-7008696-0

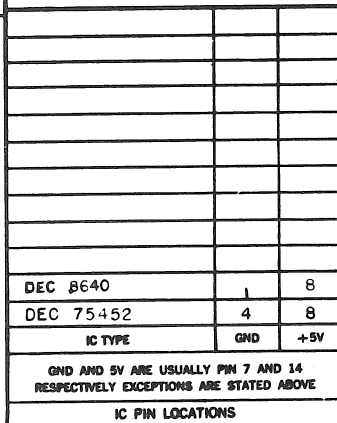
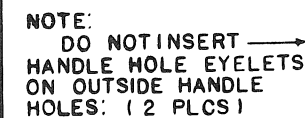
UNIT VARIATIONS

[illegible]

REVISIONS			USED ON OPTION/MODEL		DRN.	DATE	TITLE									
CHK	CHANGE NO.	REV.				5/19/76	digital									
					CHK'D.	DATE	DECPACK ASSY									
					T. Guiller	18 MAY 76										
					PROJ. ENG.	DATE	SIZE	CODE	NUMBER				REV			
					M. Hoon	5/19/76	B	DD	RK05F-0							
					PROD.	DATE	DIST.									
						5/26/76										
			SHEET	1	OF	5										

<table border="1"> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="4">QUANTITY & VARIATION</td> </tr> </table>					QUANTITY & VARIATION				DESCRIPTION		DWG./PART NO.		ITEM NO.																						
	QUANTITY & VARIATION																																		
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES																																		
<table border="1"> <tr> <th rowspan="2">ANGLES ±0° 30'</th> <th rowspan="2">CLASS OF ACCURACY (CHECK ONE)</th> <th colspan="6">NOMINAL DIMENSION RANGE INCHES</th> </tr> <tr> <th>OVER 0 TO 0.2</th> <th>OVER 0.2 TO 1.2</th> <th>OVER 1.2 TO 4.0</th> <th>OVER 4.0 TO 12.0</th> <th>OVER 12.0 TO 40.0</th> <th>OVER 40.0 TO 80.0</th> </tr> <tr> <td rowspan="2">SURFACE QUALITY IN ✓ MICROINCHES</td> <td>MEDIUM ☐</td> <td>±.004</td> <td>±.008</td> <td>±.012</td> <td>±.016</td> <td>±.024</td> <td>±.04</td> </tr> <tr> <td>PREFERRED ☐</td> <td>±.012</td> <td>±.016</td> <td>±.025</td> <td>±.04</td> <td>±.063</td> <td>±.10</td> </tr> </table>	ANGLES ±0° 30'	CLASS OF ACCURACY (CHECK ONE)	NOMINAL DIMENSION RANGE INCHES						OVER 0 TO 0.2	OVER 0.2 TO 1.2	OVER 1.2 TO 4.0	OVER 4.0 TO 12.0	OVER 12.0 TO 40.0	OVER 40.0 TO 80.0	SURFACE QUALITY IN ✓ MICROINCHES	MEDIUM ☐	±.004	±.008	±.012	±.016	±.024	±.04	PREFERRED ☐	±.012	±.016	±.025	±.04	±.063	±.10						
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	PREFERRED ☐	±.012	±.016	±.025	±.04	±.063	±.10																												
THIRD ANGLE PROJECTION		DWN <i>S. Wallinger</i> 4/16/76 CHK'D <i>T. Guillen</i> 10 MAY 76 ENG. <i>W. Allen</i> 5/26/76 PROJ. ENG. <i>W. Allen</i> 5/26/76 PROD. <i>J. English</i> 5/26/76		FIRST USED ON RK05F																															
				TITLE MODULE UTILIZATION																															
REMOVE BURRS AND BREAK SHARP CORNERS		NEXT HIGHER ASSY.																																	
DO NOT SCALE DWG		B-DD-RK05F-0		SIZE	CODE	NUMBER																													
MATERIAL <i>++</i>		SCALE NONE		C	MU	RK05F-0-2																													
FINISH <i>++</i>		SHEET	OF	DIST.																															
						REV.																													

NOTES:



3	E6,E7,E9	I.C.DEC 75452	I910645	66
2	E15,I6	I.C.DEC 733	I910644	65
1	E14	I.C.DEC 1414	I910337	64
1	E5	I.C.DEC 741	I910298	63
1	E1	I.C.DEC 8881	I909705	62
2	E2,E8	I.C.DEC 8640	I91469	61
1	E10	I.C.DEC 9601	I909373	60
1	E13	I.C.DEC 7472	I905588	59
2	E4,E12	I.C.DEC 7400	I905575	58
1	E3	I.C.DEC 7474	I905547	57
1	L6	INDUCTOR 120UH	I610663	56
2	L1,L2	INDUCTOR 56UH	I610661	55
3	L3,L4,L5	INDUCTOR 100UH	I610662	54
1	Q3	TRANSISTOR DEC 6534C	I503409-02	53
1	Q4	TRANSISTOR DEC 3009B	I503100	52
2	Q1,Q2	TRANSISTOR 2N2904	I501742	51
				50
1	R13	POT 1K 1/2W 20% 62PR	I309150-03	49
2	R54,55	POT 10K 3/4W 10% 78PR	I309143-10	48
2	R16,R17	RES.27K 1/4W 5%	I305346	47
2	R27,R28	RES.8.2K 1/4W 5%	I303179	46
1	R60	RES.220K 1/4W 5%	I302092	45
1	R4	RES.270 1/2W 5%	I300285	44
2	R40,R41	RES.560 1/4W 5%	I301890	43
6	R6,9,45,53,70,71	RES.5.6K 1/4W 5%	I301874	42
1	R11	RES.1.1K 1/4W 5%	I301475	41
1	R58	RES.3.3K 1/4W 5%	I300439	40
1	R62	RES.750 1/4W 5%	I301401	39
2	R15,R21	RES.1.2K 1/4W 5%	I301320	38
2	R30,R31	RES.15K 1/4W 5%	I300496	37
6	R5,8,18,38,39,57	RES.10K 1/4W 5%	I300479	36
1	R59	RES.4.7K 1/4W 5%	I300447	35
1	E11	I.C.DEC. 74123	I910436	34
16	R1,R2,R3 R20,R34-37	RES. 1K 1/4W 5%	I300365	33
	R46,R56,R63-68			
2	R24,R12	RES.470 1/4W 5%	I300316	31
1	R43	RES.470 1/2W 5%	I300315	30
3	R22,R25,R61	RES.330 1/4W 5%	I300295	29
2	R29,R32	RES.220 1/4 5%	I300271	28
2	P26,R42	RES.180 1W 5%	I300262	27
1	R19	RES.180 1/2W 5%	I300260	26
1	R14	RES.150 1/4W 5%	I300250	25
1	R23	RES.160 1/2W 5%	I300249	24
1	R33	RES.68 1/4W 5%	I300219	23
8	I-8	GOLD WIREWAP PINS	I009217	22
18	D1,D3-9,D11-16,D22-25	DIODE D672	I105275	21
1	D2	DIODE IN 751A(5.1V ZENER)	I10594	20
				19
3	D10,D17,D18	DIODE IN 753A(5.1V ZENER)	I102421	18
13	C9,C33,C36	CAP.15UF 50V 10% POLYCARBO-	I010031	17
1	C18	CAP.18PF 100V 5% D.M.	I008888	16
4	C12,C13,C18,C19	CAP.01UF 50V AXIAL	I001610-00	15
14	C40,I11,I6,I7,22,24,25,31,32,34,35,37,35	CAP.01UF 100V 20% DISC	I001610-01	14
2	C6,C7	CAP 10UF 35V 20% S.TANT	I000069	13
3	C3,C23,C25	CAP 6.8UF 35V 20% S.TANT	I000067	12
1	C2	CAP 680PF 100V 5% D.M.	I000026	11
2	C5,C30	CAP 470PF 100V 5% D.M.	I000024	10
1	C29	CAP 150PF 100V 5% D.M.	I000019	9
1	C41	CAP 27PF 100V 5% D.M.	I001739	8
1	C14	CAP 56PF 100V 5% D.M.	I000012	7
3	C1,C39,C40	CAP 47PF 100V 5% D.M.	I000011	6
2	C8,C15	CAP 18 PF 100V 5% D.M.	I002608	5
		ETCHED CIRCUIT BOARD	5009743	4
		MODULE ECO HISTORY	B-MH-6180-0-6	3
		ASSY/DRILLING HOLE LAYOUT	E-AH-6180-0-5	2
		X-Y COORDINATE HOLE LOCATION	K-CO-3180-0-4	1

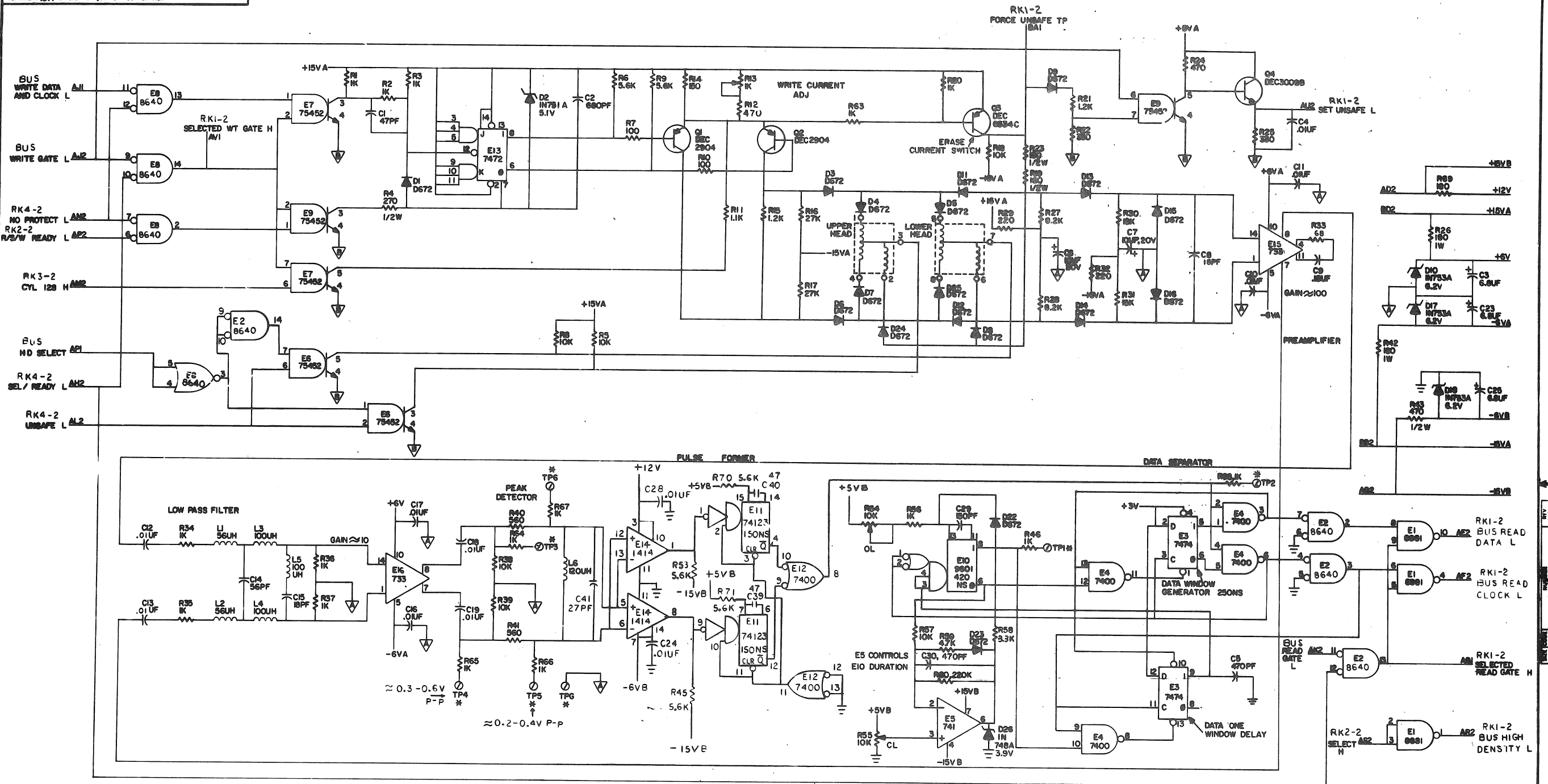
QTY	REF. DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
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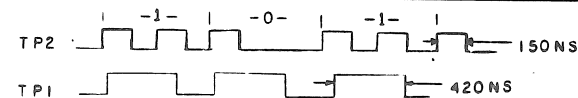
ETCH BOARD REV.		DEN. R. DOUGLETTE DATE 10-22-71			
		CK'D NANCY MADRE DATE 11-30-71			
		ENG. DOLE JENKIN DATE 1-22-72		TITLE DEC PACK READ/ WRITE	
IN746A SAME		PROD. ENG. A KARLSBERG DATE 1-22-72			
IN753A SAME		PROD. DATE			
IN751A SAME		NEXT HIGHER ASSY			
D672 IN3653					
DEC NO.		EIA NO.		REV.	
CONVERSION CHART		SCALE SHEET 1 OF 2		SIZE CODE NUMBER D CS G180-0-1	
		DIST.		N	

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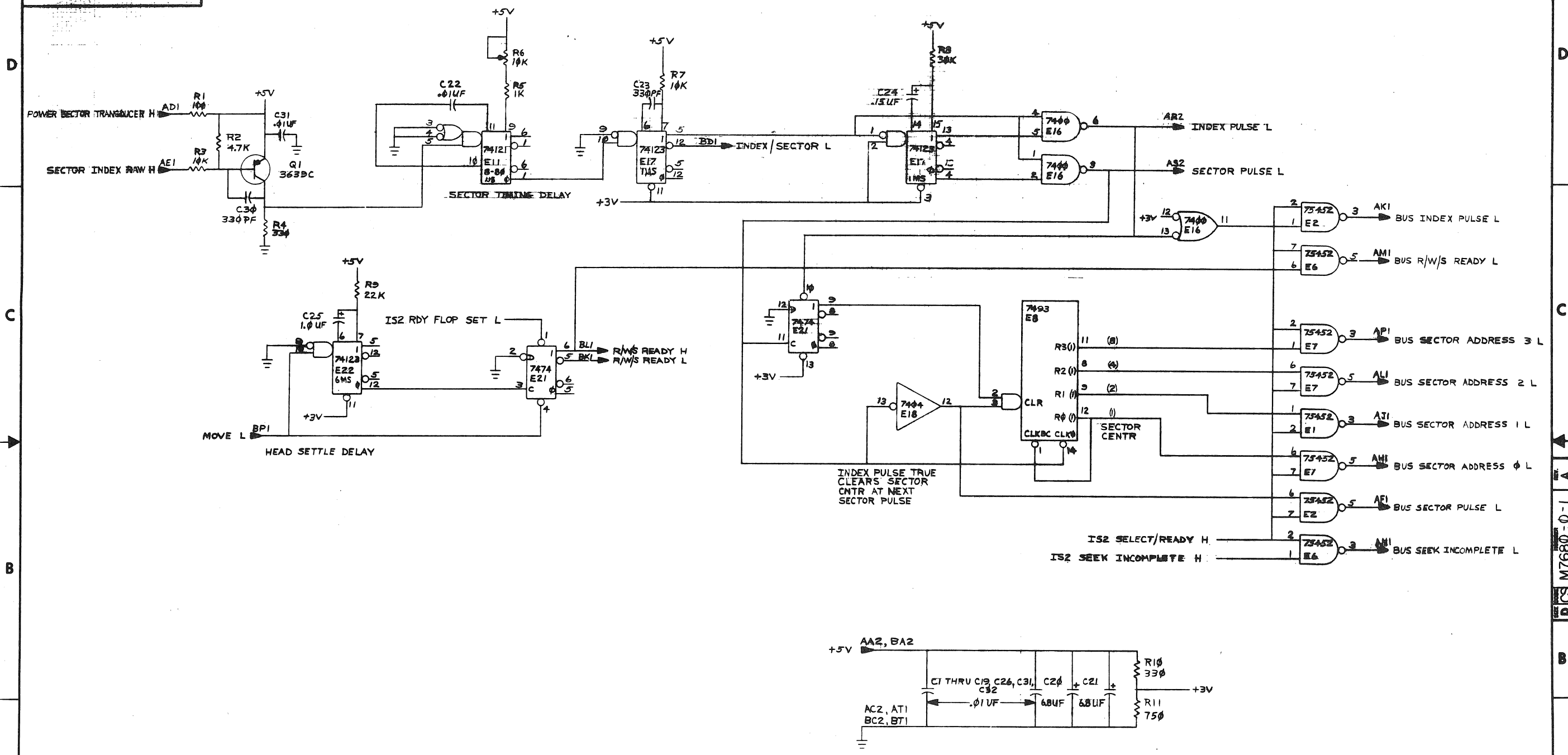
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UNLESS OTHERWISE INDICATED:
 * INDICATES SWAGE LUG
 ▽ = ANALOG GND "A" BT1
 ▽ = ANALOG GND "B" AT1
 ⊥ = DIGITAL GND AC2
 --- = COMPONENTS NOT MOUNTED ON BOARD
 ALL TIMES INDICATED ARE NOMINAL

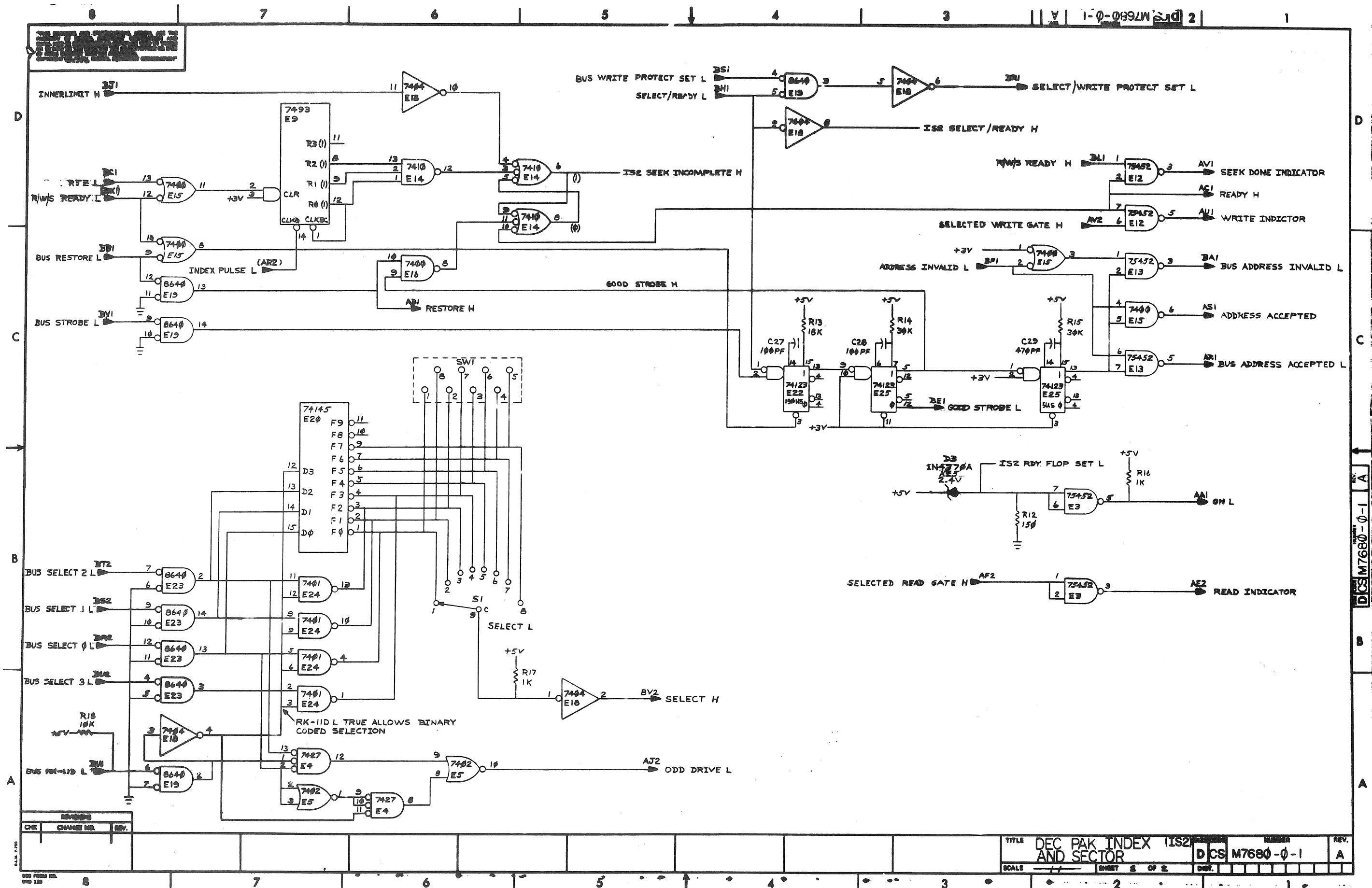


SLOT -1

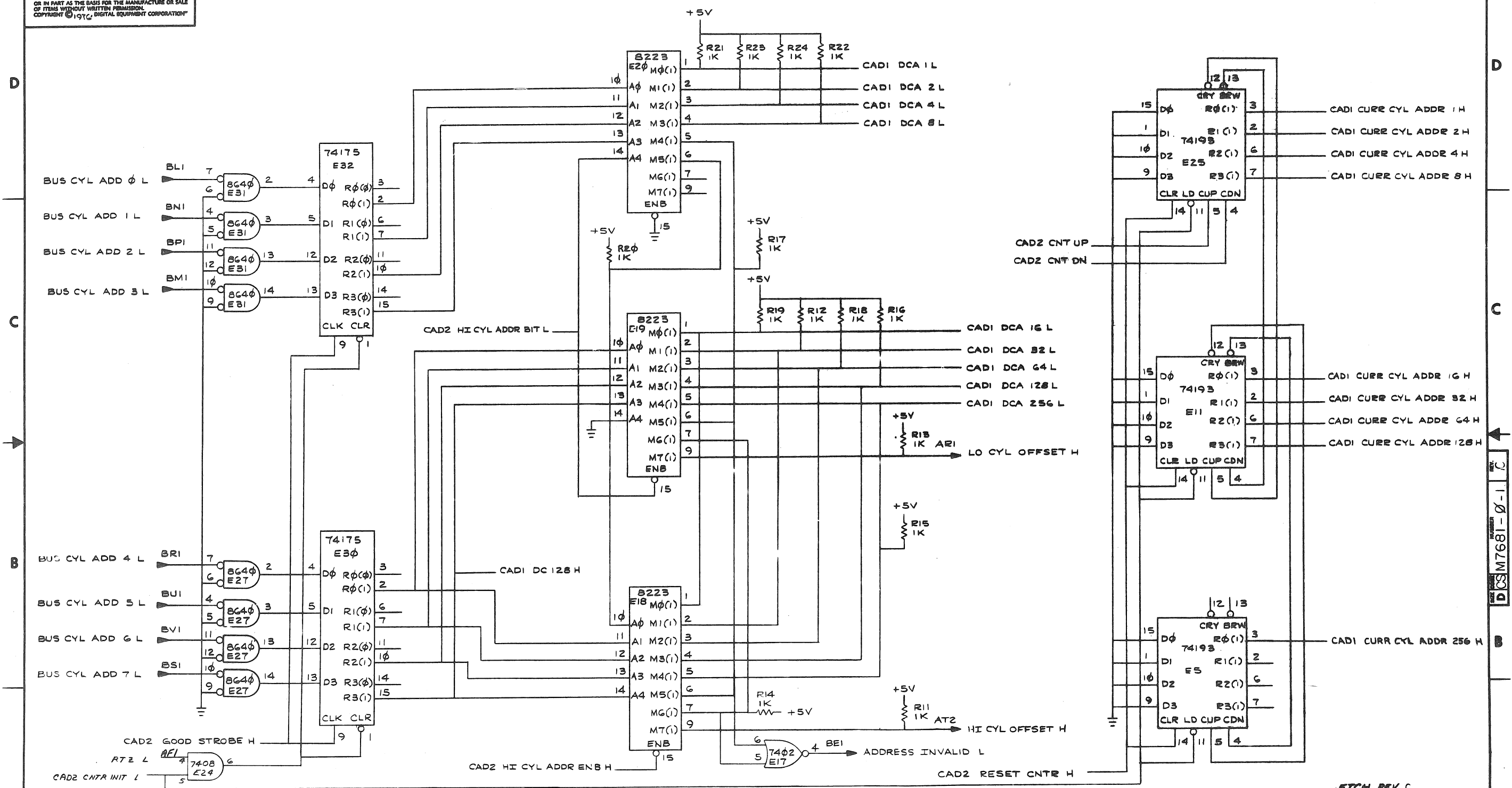


REV.	CHANGE NO.
1	1

DRN. 11/1/77	22 Jan 77	FIRST USED ON	10-00001
CHKD. 11/1/77	11 Feb 77	TITLE	DEC PAK INDEX AND SECTOR (ISI)
ENG. 11/1/77	11 Feb 77	SIZE	0000
PROJ. ENG. 11/1/77	11 Feb 77	SCALE	1
PROD. 11/1/77	11 Feb 77	NUMBER	D CS M7680-0-1
NEXT HIGHER ASSY.		REV.	A
D-LA-M7680-0-0		SHEET	1 OF 2

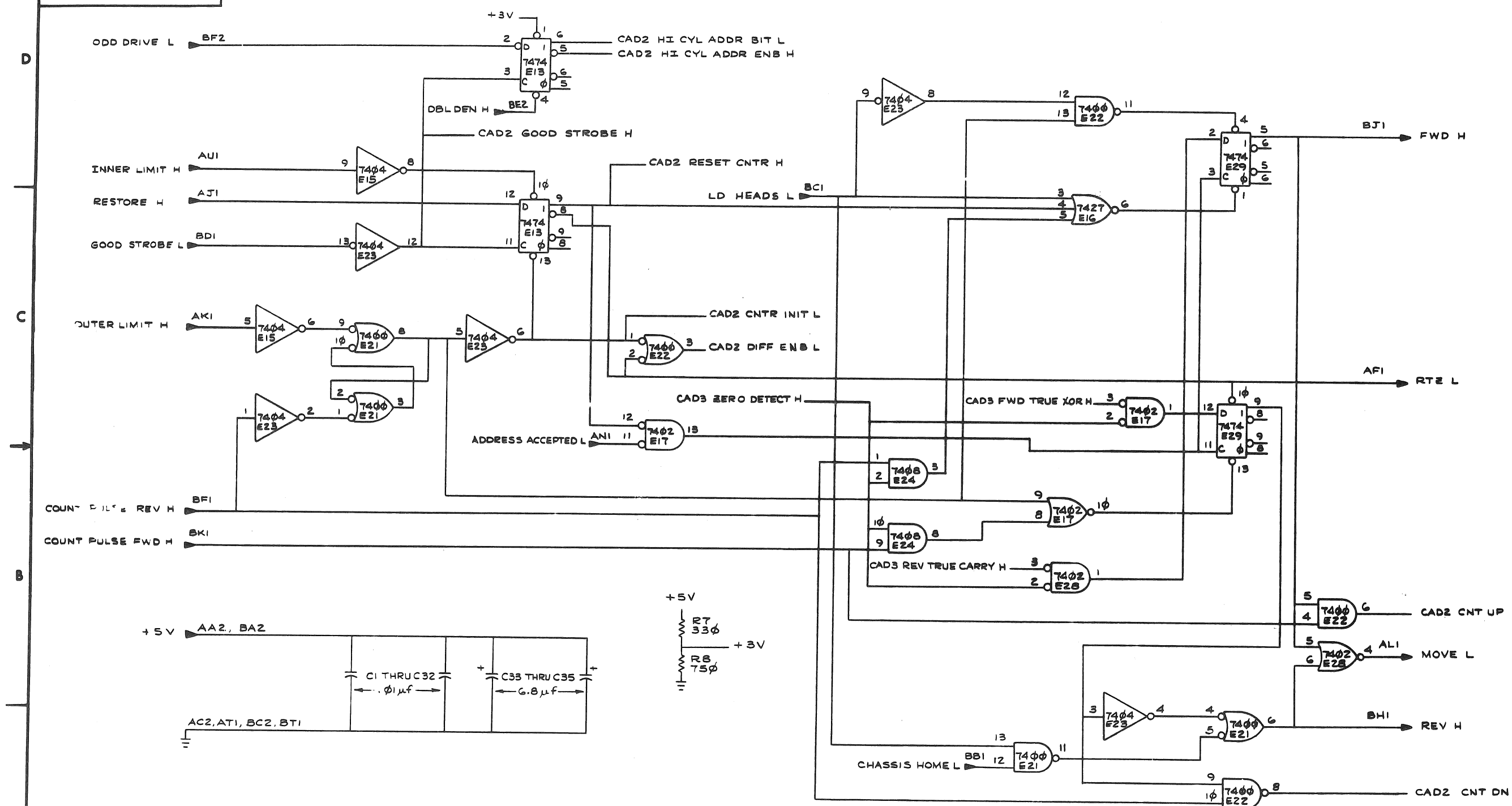


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REV.	CHG.	NO.	DATE	BY	CHK.
1		00002	B		
2		00003	C		
3		00004	D		
4		00005	E		
5		00006	F		
6		00007	G		
7		00008	H		
8		00009	I		
9		00010	J		
10		00011	K		
11		00012	L		
12		00013	M		
13		00014	N		
14		00015	O		
15		00016	P		
16		00017	Q		
17		00018	R		
18		00019	S		
19		00020	T		
20		00021	U		
21		00022	V		
22		00023	W		
23		00024	X		
24		00025	Y		
25		00026	Z		

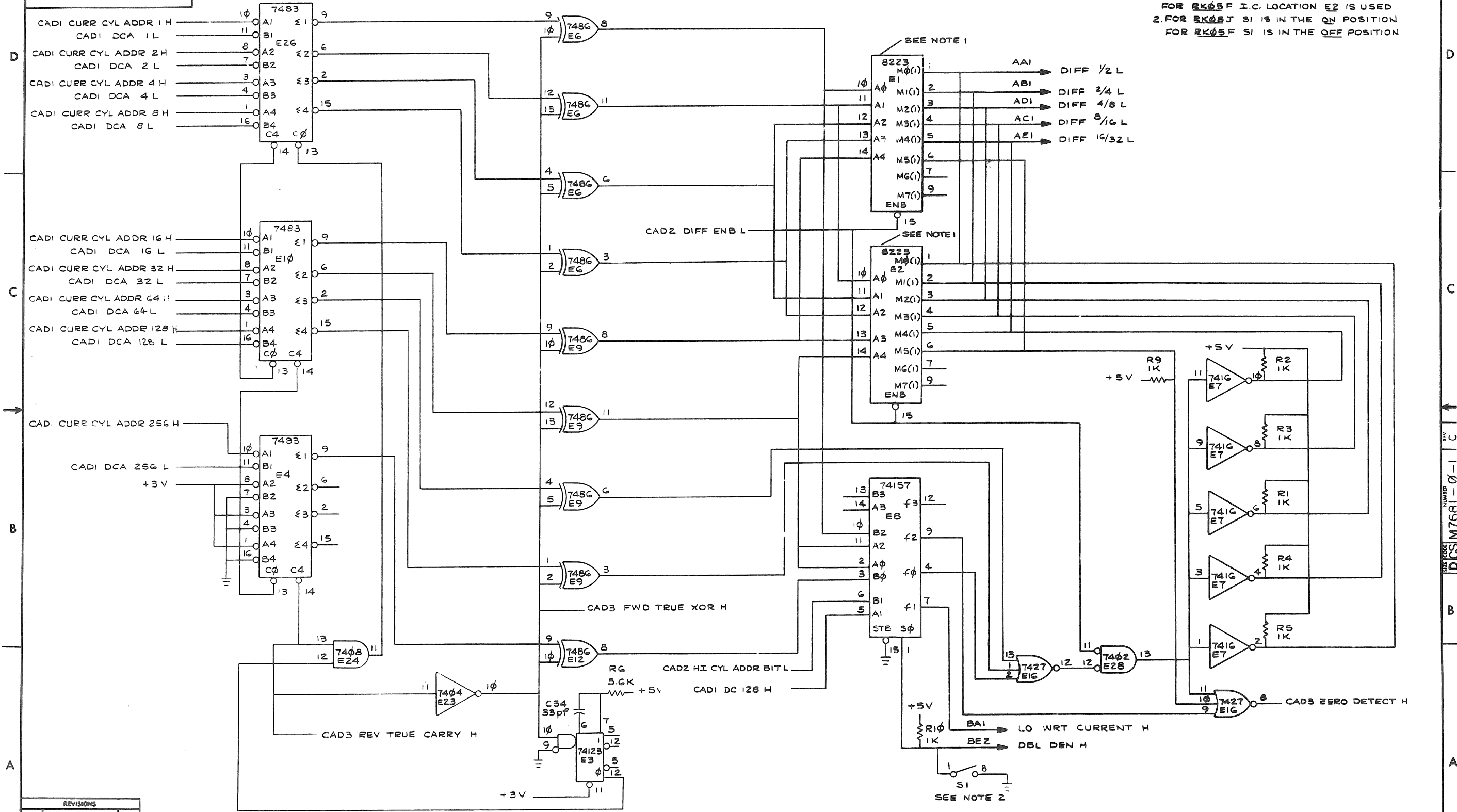
ETCH REV C		RK05F		10-00-01	
TITLE		CYLINDER ADDRESS AND DIFFERENCE (CADI)			
D-1A-M7681-0-1		SIZE		NUMBER	
SCALE		CS M7681-0-1		REV. IC	
SHEET 1 OF 3		DST.			



REVISIONS		
CHK	CHANGE NO.	REV.

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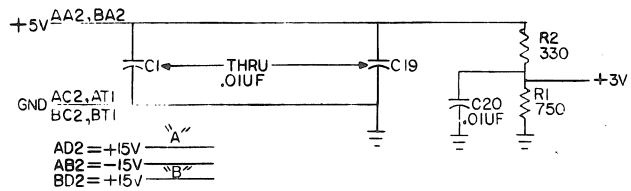
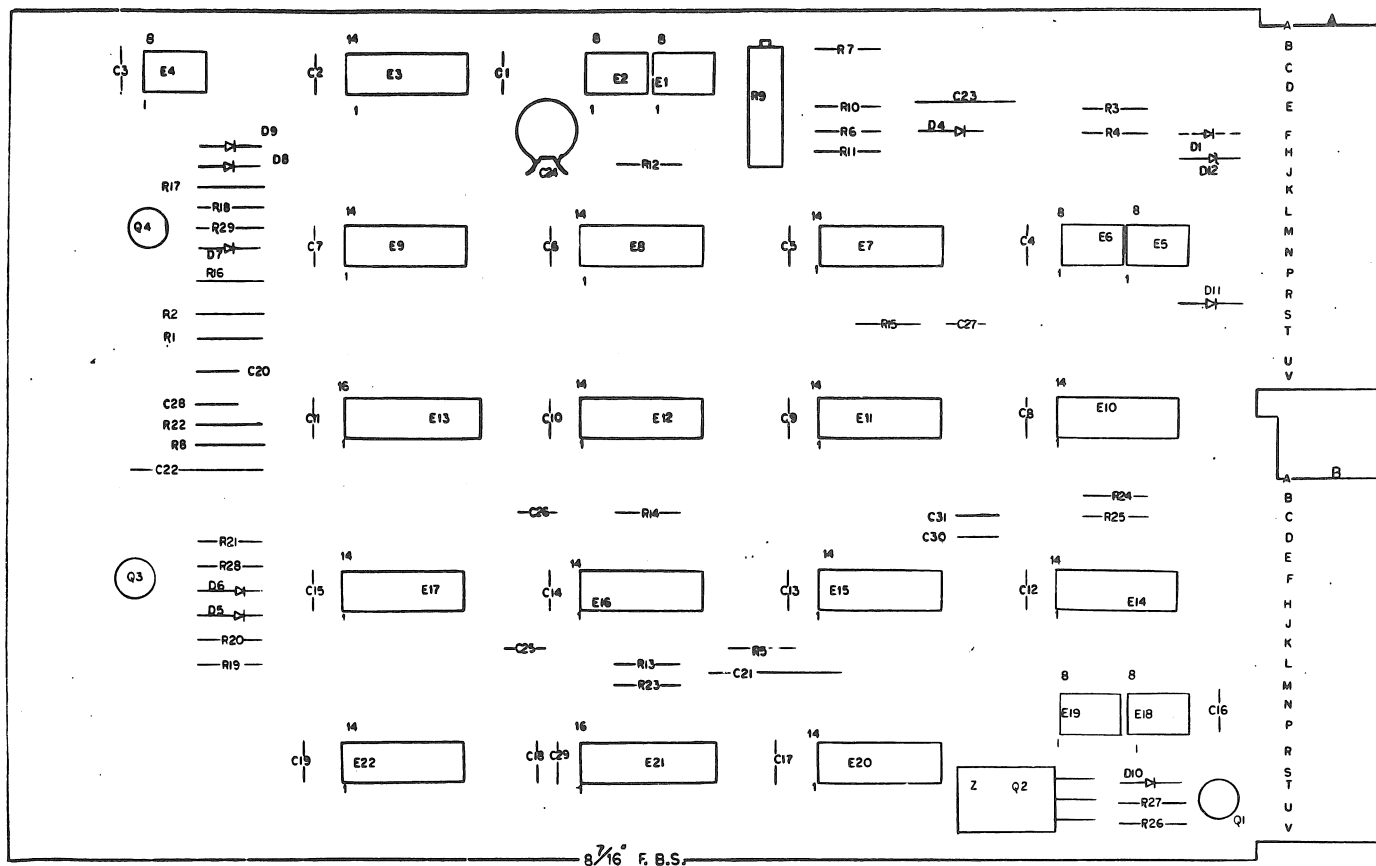
NOTE:
1. FOR **RK05J** I.C. LOCATION **E1** IS USED
FOR **RK05F** I.C. LOCATION **E2** IS USED
2. FOR **RK05J** **SI** IS IN THE **ON** POSITION
FOR **RK05F** **SI** IS IN THE **OFF** POSITION



TITLE		SIZE CODE	NUMBER	REV.
CYLINDER ADDRESS AND DIFFERENCE (CAD3)		D	CSM7681-0-1	C
SCALE		SHEET	OF	
3		5	5	
		DIST.		

REVISIONS		
CHK	CHANGE NO.	REV.

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REV	DATE	BY	CHK	CHANGE NO.	DESCRIPTION
1	4-3-73	D.J. Jensen			INITIAL DESIGN
2	4-11-73	D.J. Jensen			REVISION 1
3	5-1-73	D.J. Jensen			REVISION 2
4	5-15-73	D.J. Jensen			REVISION 3
5	5-25-73	D.J. Jensen			REVISION 4
6	6-1-73	D.J. Jensen			REVISION 5
7	6-15-73	D.J. Jensen			REVISION 6
8	6-25-73	D.J. Jensen			REVISION 7
9	7-1-73	D.J. Jensen			REVISION 8
10	7-15-73	D.J. Jensen			REVISION 9
11	7-25-73	D.J. Jensen			REVISION 10
12	8-1-73	D.J. Jensen			REVISION 11
13	8-15-73	D.J. Jensen			REVISION 12
14	8-25-73	D.J. Jensen			REVISION 13
15	9-1-73	D.J. Jensen			REVISION 14
16	9-15-73	D.J. Jensen			REVISION 15
17	9-25-73	D.J. Jensen			REVISION 16
18	10-1-73	D.J. Jensen			REVISION 17
19	10-15-73	D.J. Jensen			REVISION 18
20	10-25-73	D.J. Jensen			REVISION 19
21	11-1-73	D.J. Jensen			REVISION 20
22	11-15-73	D.J. Jensen			REVISION 21
23	11-25-73	D.J. Jensen			REVISION 22
24	12-1-73	D.J. Jensen			REVISION 23
25	12-15-73	D.J. Jensen			REVISION 24
26	12-25-73	D.J. Jensen			REVISION 25

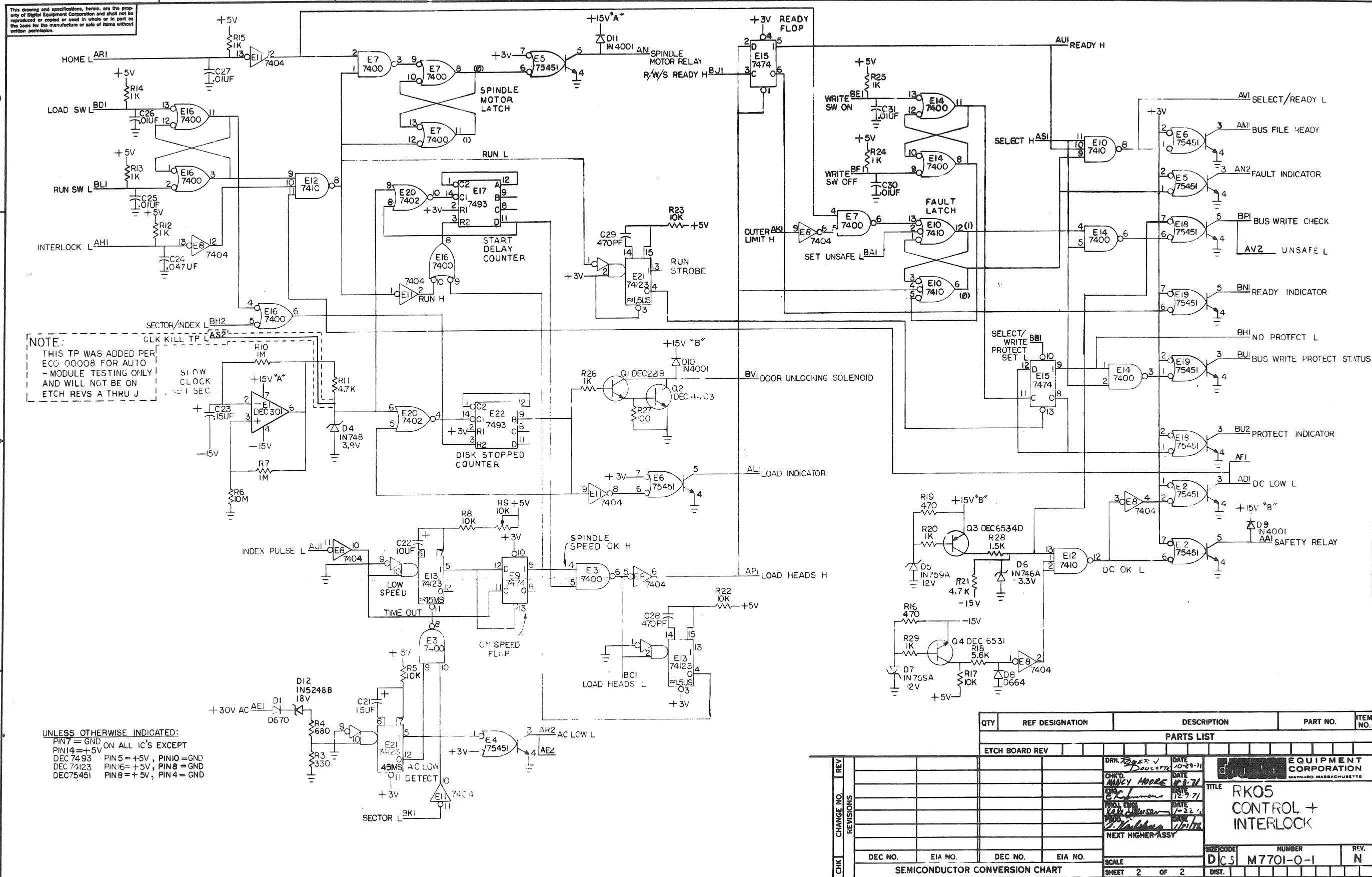
QTY	REF. DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
1	C24	CAP. 0.47UF 16V DISC	1009678	50
1	D12	DIODE 1N5248B 18V 5%	1110766	49
1		NOT REP	9006557	48
1		SCREW 4-40 X 5/16	9006010-1	47
2		HANDLE, FLIP CHIP - MAGENTA	9008337-06	46
1		EYELET #08-7	9006732	45
1	E1	I.C. DEC 7401	1910282	44
6	E2, 4, 6, 5, 18, 19	I.C. DEC 7451	1910406	43
2	E2, 13	I.C. DEC 74123	1910436	42
2	E22, 17	I.C. DEC 7493	1909054	41
2	E7, 15	I.C. DEC 7474	1905547	40
2	E2, 10	I.C. DEC 7410	1905576	39
2	E1, 8	I.C. DEC 7404	1909686	38
1	E20	I.C. DEC 7402	1909004	37
1	E3, 7, 14, 14	I.C. DEC 7400	1905575	36
1	Q2	TRANSISTOR DEC 653	1501171	35
1	Q3	TRANSISTOR DEC 653D	1503499-00	34
1	Q1	TRANSISTOR DEC 2219	1501881	33
1	Q4	TRANSISTOR DEC 651	1509338	32
1	R9	RES. 10K 1/4W 10% 76PR	1309443-10	31
1	R6	RES. 10K 1/4W 5%	1302666	30
2	R7, 10	RES. 1M 1/4W 5%	1309595	29
1				28
1				27
2	R17, 5, 22, 23, 8	RES. 10K 1/4W 5%	1300479	26
2	R18	RES. 5.6K 1/4W 5%	1301874	25
2	R11, R21	RES. 4.7K 1/4W 5%	1300447	24
1	R4	RES. 680 1/4W 5%	1301474	23
1	R28	RES. 1.5K 1/4W 5%	1300391	22
9	R12, 13, 14, 29, 15, 20, 24, 25, 26	RES. 1K 1/4W 5%	1300365	21
1	R1	RES. 750 1/4W 5%	1301401	20
2	R16, 19	RES. 470 1/4W 5%	1300316	19
2	R2, 3	RES. 330 1/4W 5%	1300295	18
1	R27	RES. 100 1/4W 5%	1300229	17
1		CRYSTALS	1210244-0	16
2	R5, 7	DIODE 1N758S 12V	1110643	15
1	R4	DIODE 1N748 3.9V	1100121	14
1	R6	DIODE 1N746A 3.9V	1104860	13
3	R9, 10, 11	DIODE 1N4001	1102942	12
1	R1	DIODE D670	1102162	11
1	R8	DIODE D664	1100114	10
2	C28, 29	CAP. 470PF 160V 5% D.N.	1000024	9
1	C23	CAP. .15UF 35V 20% TANT	1002180	8
1	C22	CAP. 10UF 20V 10% TANT	1000913	7
1	C21	CAP. 15UF 20V 10% TANT	1004812	6
25	C4 - 20, 25 - 27, 30, 31	CAP. .01UF 100V 20% DISC	1001610	5
1		ETCHED CIRCUIT BOARD	9009714	4
1		MODULE ECO HISTORY	R-MH-M7701-0-6	3
1		ASSY/DRILLING HOLE LAYOUT	E-MH-M7701-0-5	2
1		A-Y COORDINATE HOLE LOCATION	K-MH-M7701-0-4	1
QTY	REF. DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.

QTY	REF. DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST				
ETCH BOARD REV K				
1	IN748 3.9V	SAME	DEC6534D	MPS6534
1	IN746A 3.3V	SAME	DEC44C3	
1	IN4001	SAME	IN759 S	SAME
1	D670	IN3653		
1	D664	IN3606		
1	DEC6531	MPS6531		
1	DEC2219	2N2219		
DEC NO.	EIA NO.	DEC NO.	EIA NO.	
SEMICONDUCTOR CONVERSION CHART				
SCALE	SHEET 1 OF 2	DIST.		

DISK ENG. CONTROL + INTERLOCK

NUMBER M7701-0-1

REV. N

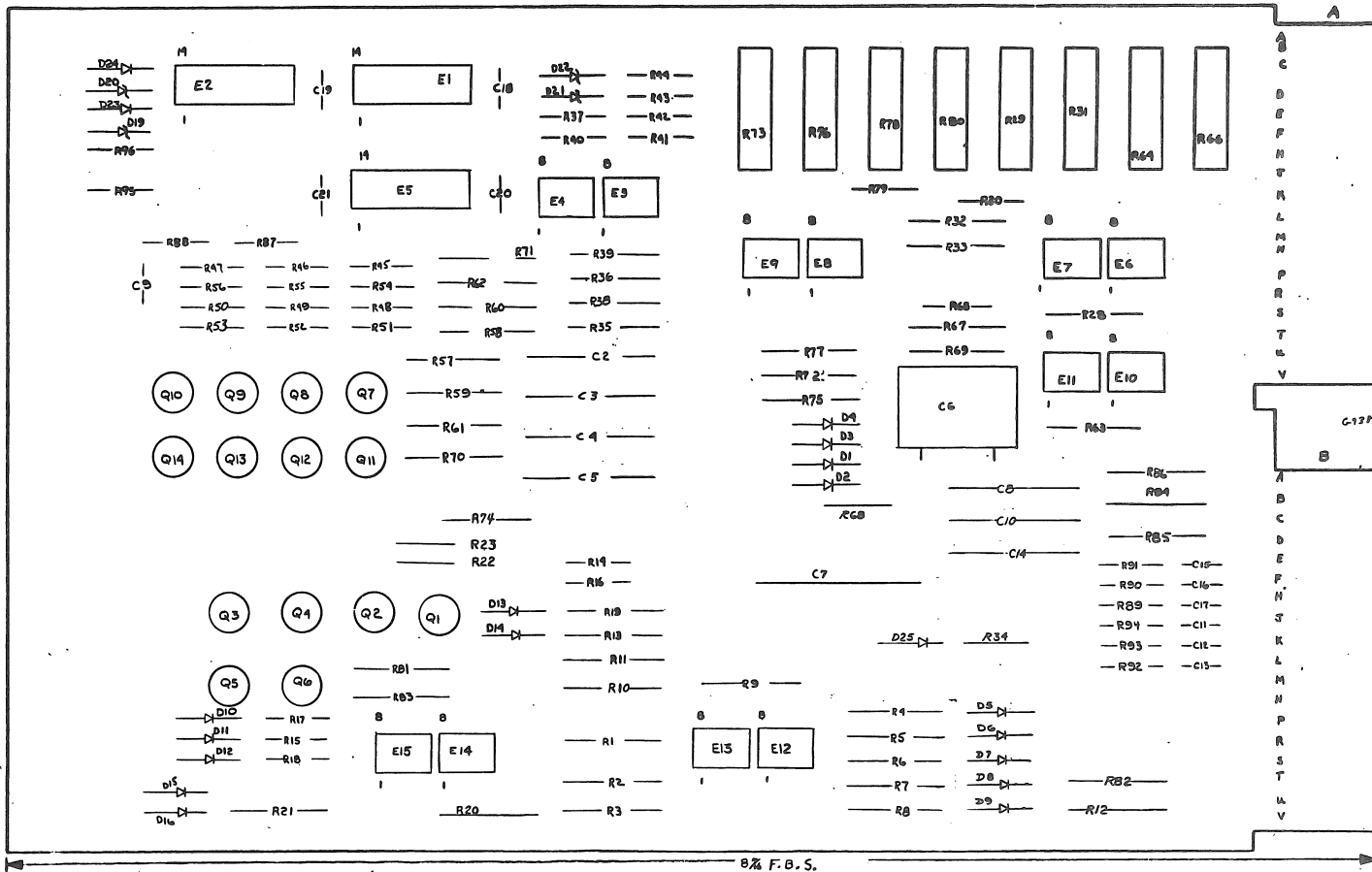


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NOTES:

8	8	Q1 THRU Q4, Q11, THRU Q14	TRANSISTOR 2N5245	1509681	49	REF	
6	6	Q5 THRU Q10	TRANSISTOR DEC 6534D	1508409-00	50	REF	
1	1	E1	I.C. DEC 7404	1909686	51	REF	
1	1	E2	I.C. DEC 7413	1909989	52	1	1
2	2	E3, E4	I.C. DEC 301	1910282	53	4	4 C2, C3, C4, C5
1	1	E5	I.C. DEC 7400	1908575	54	4	1 C6
10	10	E6 THRU E15	I.C. DEC 74741	1910298	55	1	1 C7
4	4		EXCLET #654-7	9006732	56	3	8 C8, C9, C10
2	2		HANDLE, FLIP CHIP GREEN	9008337-01	57	11	11 C11, C12, C13, C15 THRU C18
A/A	A/A		GRIPLET	1210244-0	58	7	7 D1 THRU D4, D23 THRU D25
1	1	R22	RES 200K, 1/4W, 1%	1305336	59	10	10 D6 THRU D14
1	1	R23	RES 137K, 1/4W, 1%	1305442	60	2	2 D16, D18
2	2	R13, R19	RES 9.09K, 1/4W, 1%	1304855	61	4	4 D19 THRU D22
1	1	R74	RES 2.94K, 1/4W, 1%	1301981	62	7	7 R1, R5, R7, R8, R9, R23, R25

1	1	XY COORDINATE HOLE LOCATION	K-CO-6938-0-4	1
2	2	ASSY/DRILLING HOLE LAYOUT	E-AH-G938-0-5	2
3	3	MODULE ECO HISTORY	B-MH-G938-0-6	3
4	4	ETCHED CIRCUIT BOARD	5009388	4
5	5	CAP. .015 UF 50V 2% POLY CARB	1010646	5
6	6	CAP 8200 PF 100V MICA	1000061	6
7	7	CAP. .022 UF 100V 10% MYLAR	1002323	7
8	8	CAP 15UF 20V 10% S. TANT	1004812	8
9	9	CAP. .01UF 100V 20% DISC.	1001610-01	9
10	10	DIODE D662	1100113	10
11	11	DIODE D664	1100114	11
12	12	DIODE IN75BA 10V	1100125	12
13	13	DIODE IN746A	1104860	13
14	14	RES. 15K 1/4W 5%	1300496	14
15	15	RES. 13.3K 1/4W 1% MF	1312565	15
16	16	RES. 9.09K 1/8W 1% MF	1304855	16
17	17	RES. 34.8K 1/8W 1% MF	1303156	17
18	18	RES. 68.1K 1/8W 1% MF	1305252	18
19	19	RES. 34.8K 1/8W 1% MF	1303156	19
20	20	RES. 21.5K 1/8W 1% MF	1303155	20
21	21	RES. 11.5K 1/8W 1% MF	1309415	21
22	22	RES. 21.5K 1/8W 1% MF	1303155	22
23	23	RES. 5.62K 1/8W 1% MF	1305128	23
24	24	RES. 11.5K 1/8W 1% MF	1309415	24
25	25	RES. 2.74K 1/8W 1% MF	1304868	25
26	26	RES. 5.62K 1/8W 1% MF	1305128	26
27	27	RES. 10K 1/8W 1% MF	1303312	27
28	28	RES. 19.6K 1/8W 1% MF	1309419	28
29	29	RES. 6.81K 1/8W 1% MF	1304870	29
30	30	RES. 4.64K 1/8W 1% MF	1304856	30
31	31	RES. 1.5K 1/4W 5%	1300391	31
32	32	RES. 3.9K 1/4W 5%	1300444	32
33	33	RES. 200K 1/8W 1% MF	1305336	33
34	34	RES. 3.83K 1/8W 1% MF	1309413	34
35	35	RES. 100K 1/4W 5%	1302466	35
36	36	RES. 75K 1/4W 5%	1304841	36
37	37	POT. 10K 3/4W 20% 76 PR	1309143-10	37
38	38	POT. 2K 3/4W 10% 76 PR	1309143-08	38
39	39	RES. 330 1/4W 5%	1300295	39
40	40	RES. 511 1/8W 1% MF	1302411	40
41	41	RES. 24.3K 1/8W 1% MF	1309418	41
42	42	RES. 10 1/2W 5%	1300168	42
43	43	RES. 2.7 1/2W 10%	1309444	43
44	44	RES. 22 1/4W 5%	1301969	44
45	45	RES. 750 1/4W 5%	1301401	45
46	46	RES. 1.96K 1/8W 1% MF	1304833	46
47	47	RES. 1.47K 1/8W 1% MF	1305108	47
48	48	RES. 10K 1/4W 5%	1300479	48



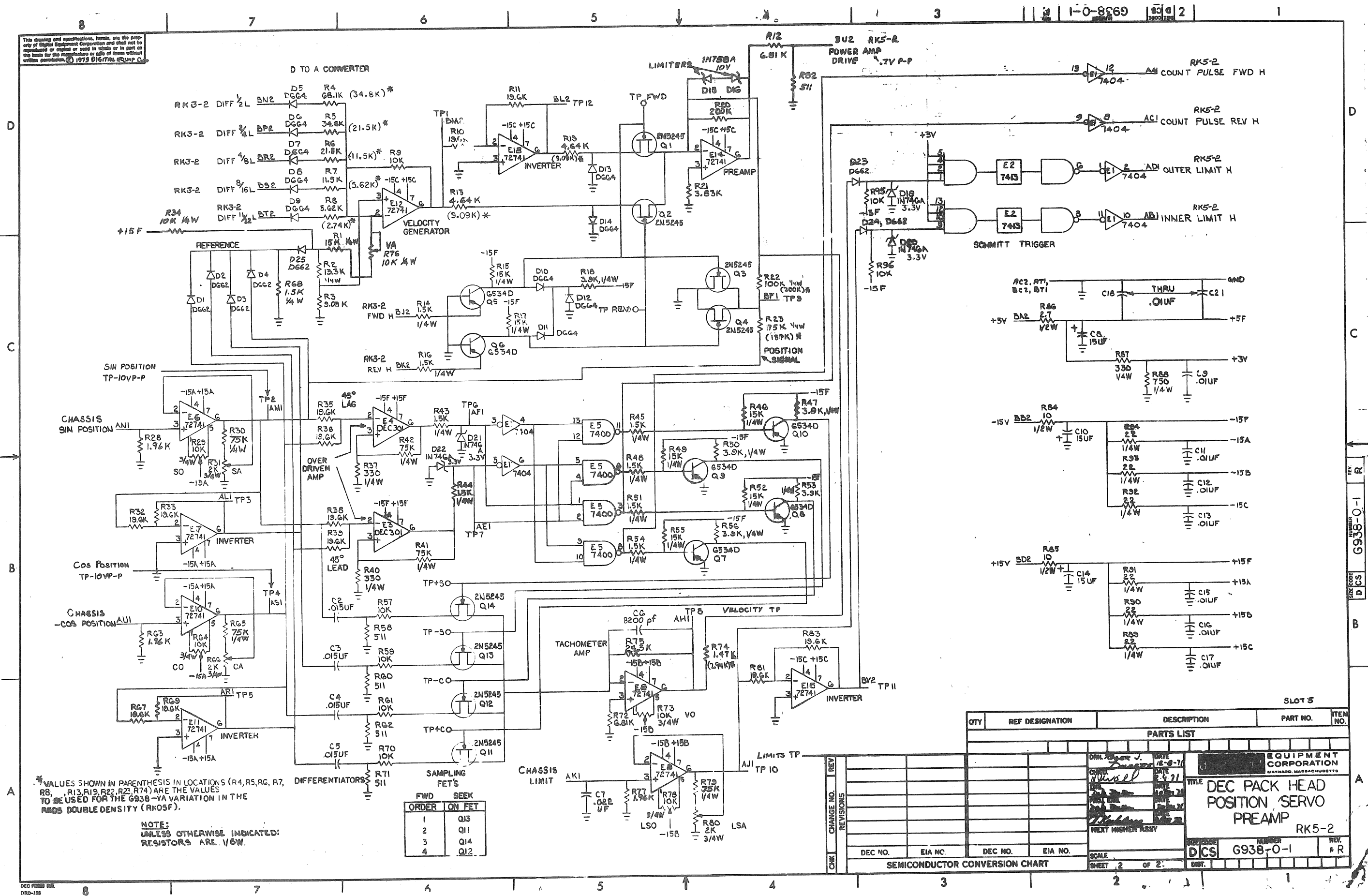
6534D	NONE
2N5245	
D662	IN645
D664	IN3606
1746A	SAME

FIRST USED ON OPTION MODEL		ETCH BOARD REV.		DATE		DATE		DATE		DATE	
6534D	NONE	K		12-8-71		12-8-71		12-8-71		12-8-71	
2N5245				12-8-71		12-8-71		12-8-71		12-8-71	
D662	IN645			12-8-71		12-8-71		12-8-71		12-8-71	
D664	IN3606			12-8-71		12-8-71		12-8-71		12-8-71	
1746A	SAME			12-8-71		12-8-71		12-8-71		12-8-71	
DEC NO.		EIA NO.		DEC NO.		EIA NO.		DEC NO.		EIA NO.	
SEMICONDUCTOR CONVERSION CHART		SCALE		SHEET		OF		2			

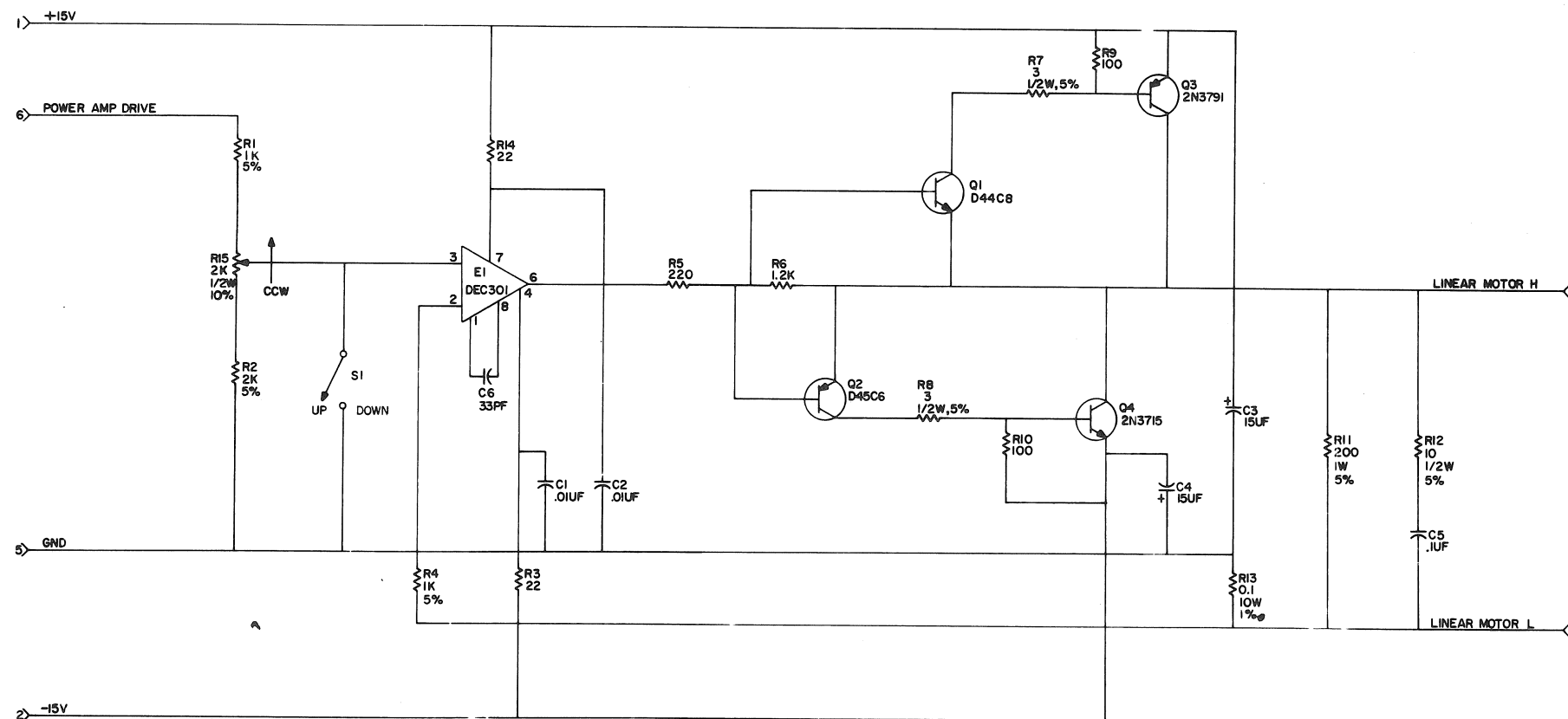
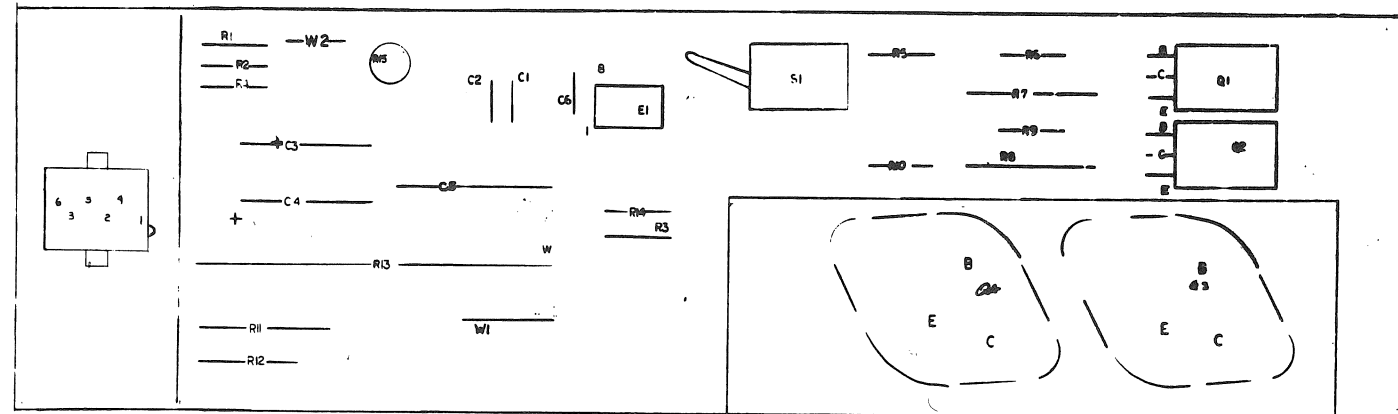
DATE	12-8-71
CHK'D	DEVALL
ENG	D. JENSEN
PROJ. MGR	D. JENSEN
FRONT	A. KARLSBERG
NEXT HIGHER ASSY	

TITLE	DEC PACK HEAD POSITION SERVO PREAMP RK5-1
SIZE	D
CODE	CS
NUMBER	G938-0-1
REV.	R

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UNLESS OTHERWISE INDICATED:
RES. ARE 1/4W, 10%
R13 IS A CURRENT SAMPLING RES.

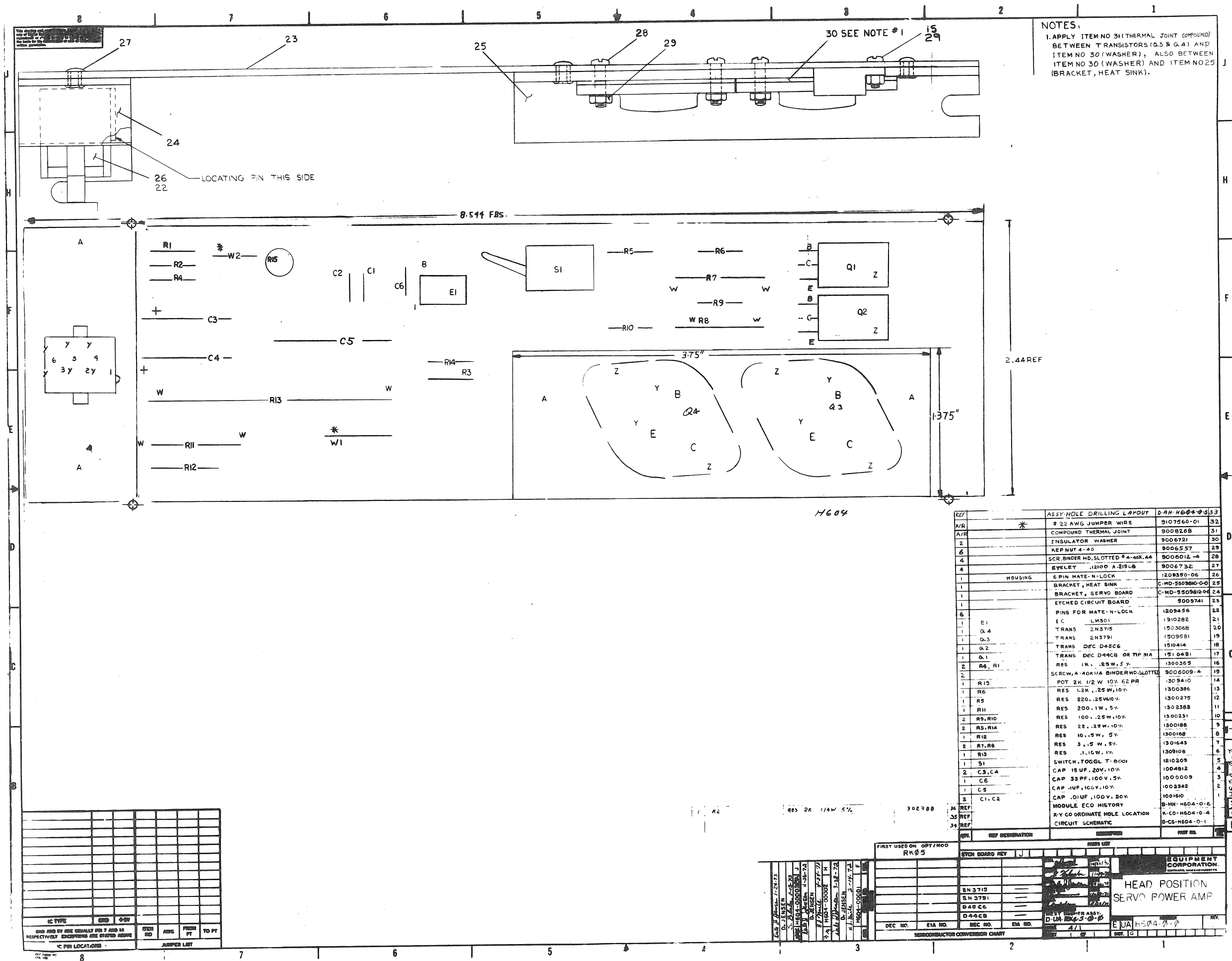
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1	CHG NO. REV	10/21/71	F
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3	CHG NO. REV	10/21/71	F
4	CHG NO. REV	10/21/71	F
5	CHG NO. REV	10/21/71	F
6	CHG NO. REV	10/21/71	F
7	CHG NO. REV	10/21/71	F
8	CHG NO. REV	10/21/71	F
9	CHG NO. REV	10/21/71	F
10	CHG NO. REV	10/21/71	F
11	CHG NO. REV	10/21/71	F
12	CHG NO. REV	10/21/71	F
13	CHG NO. REV	10/21/71	F
14	CHG NO. REV	10/21/71	F
15	CHG NO. REV	10/21/71	F
16	CHG NO. REV	10/21/71	F
17	CHG NO. REV	10/21/71	F
18	CHG NO. REV	10/21/71	F
19	CHG NO. REV	10/21/71	F
20	CHG NO. REV	10/21/71	F

DATE	10/21/71
BY	F
DATE	10/21/71
BY	F
DATE	10/21/71
BY	F

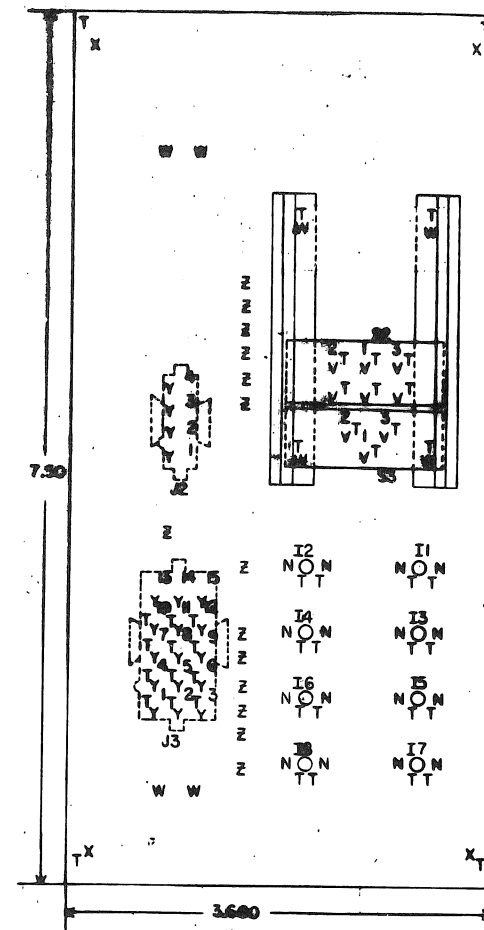
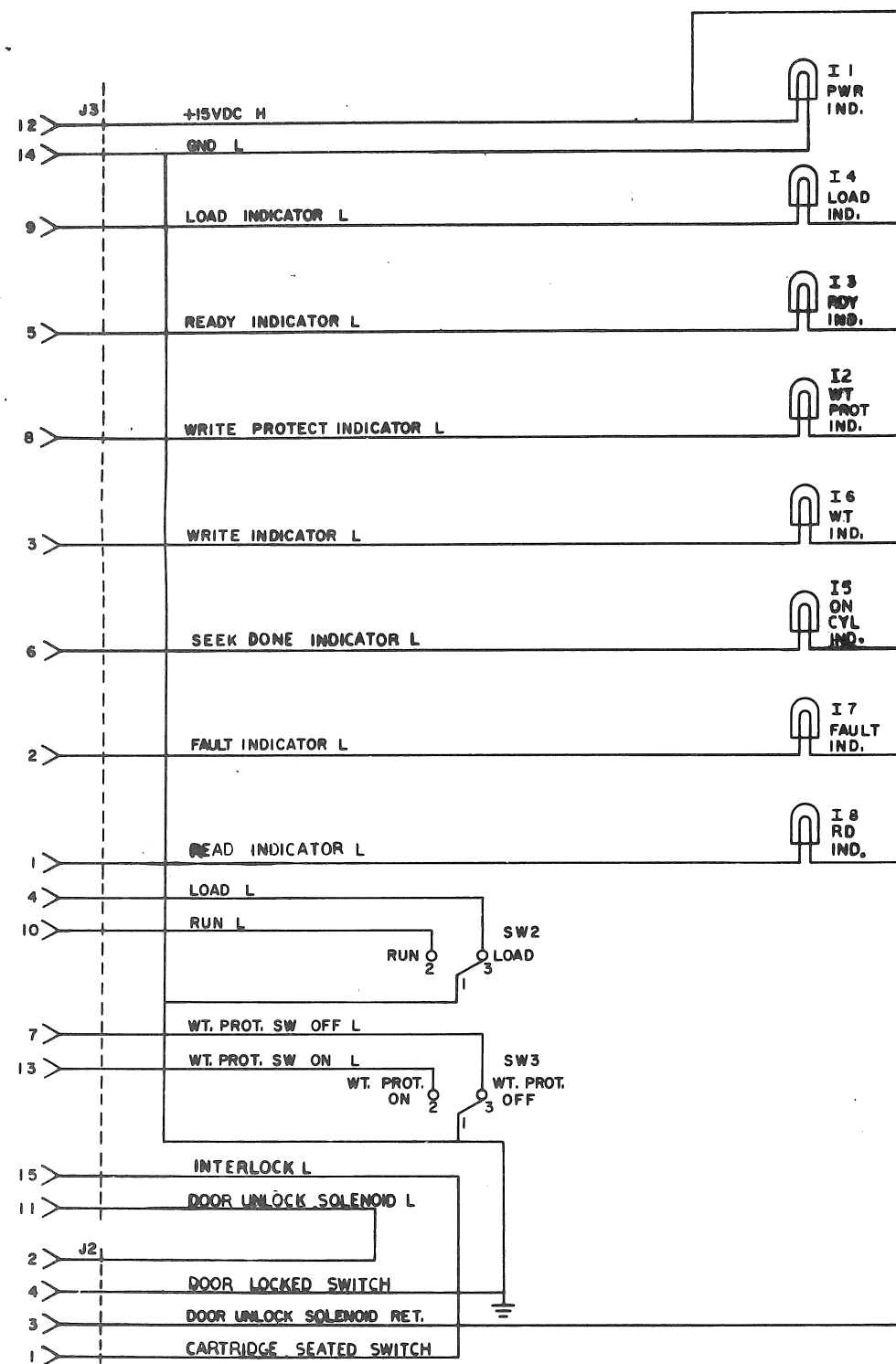
TRANSISTOR & DIODE CONVERSION CHART			
DEC	EMA	DEC	EMA

DATE	10/21/71
BY	F
DATE	10/21/71
BY	F
DATE	10/21/71
BY	F

TITLE		DECRAK HEAD POS.	
		SERVO PWR. AMP.	
EQUIPMENT CORPORATION		H604-0-1	
PRINTED CIRCUIT REV.		J	



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REV.	CHG	NO.	REV.
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9
10	10	10	10
11	11	11	11
12	12	12	12
13	13	13	13
14	14	14	14
15	15	15	15

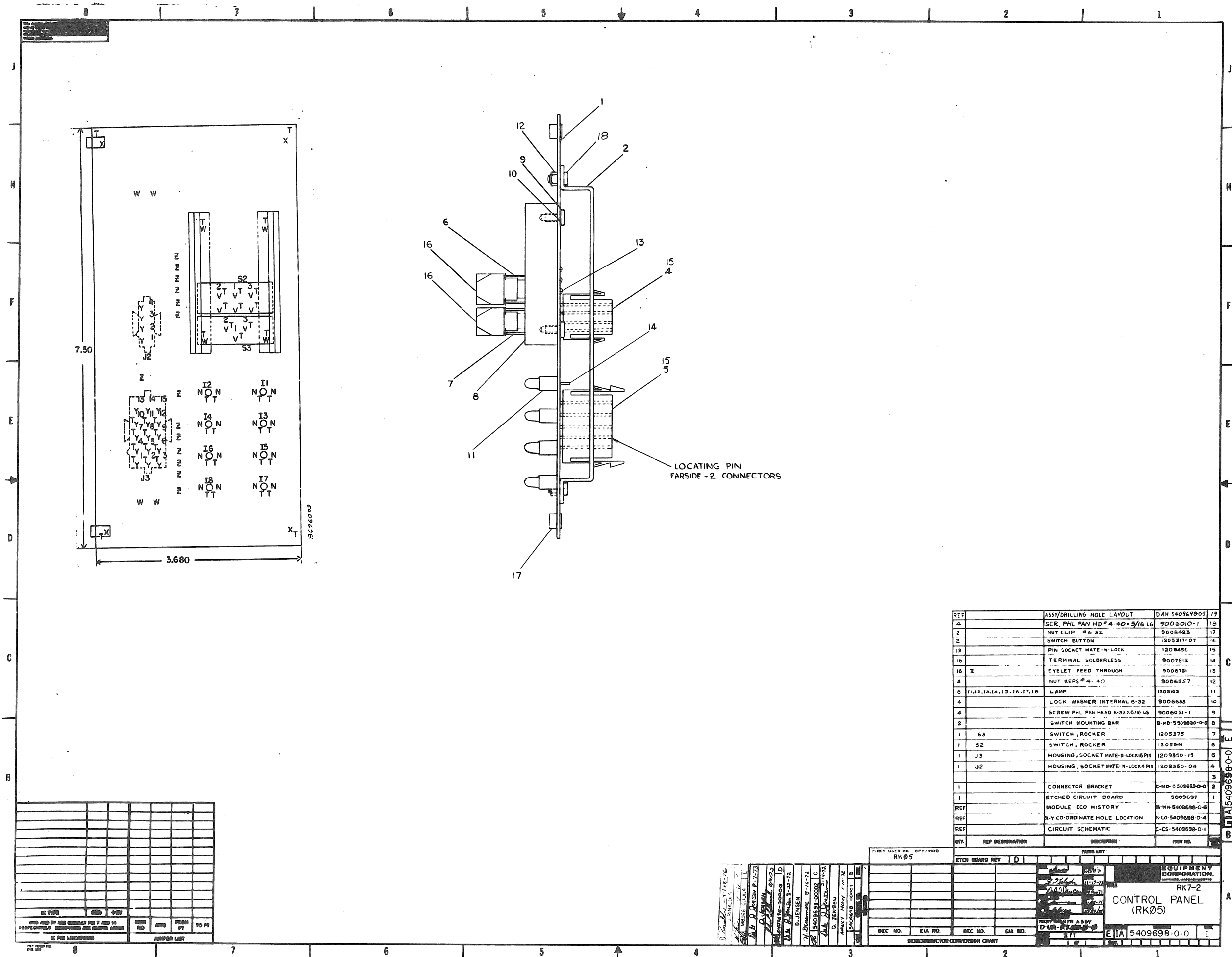
DRN.	S. COOPER	DATE	11-20-71
CHK'D		DATE	11-23-71
ENG.	John Jensen	DATE	11-23-71
PROD.		DATE	

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA

dig
EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

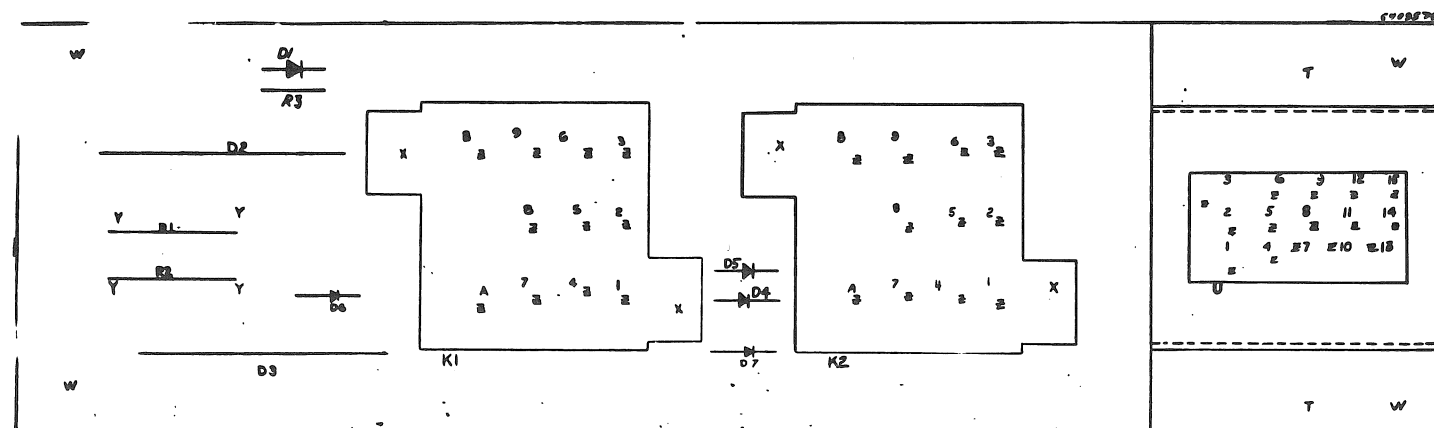
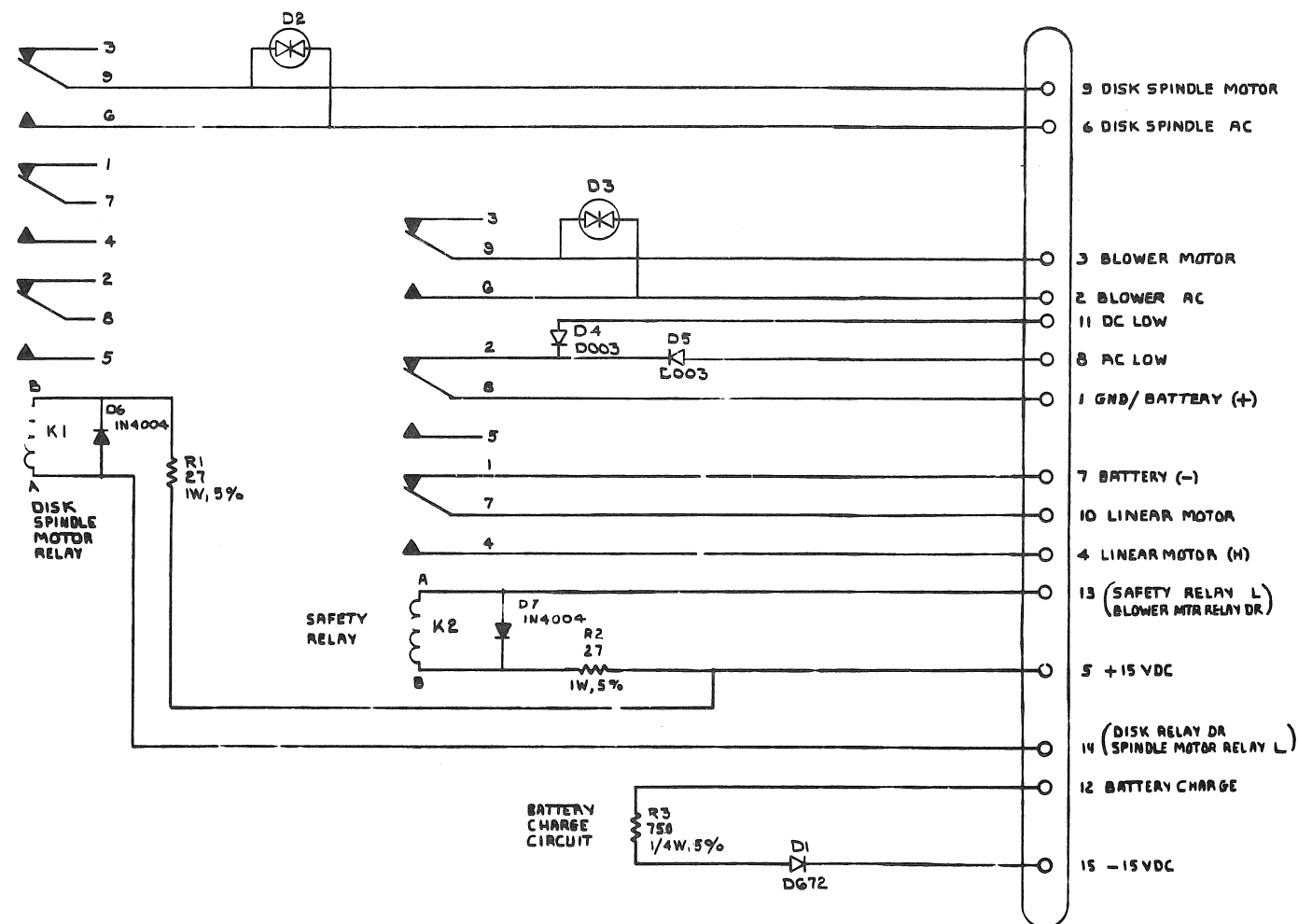
TITLE		RK05 CONTROL PANEL		REV. E	
SIZE	CODE	NUMBER			
C	CS	5409698-0-1			
PRINTED CIRCUIT REV.			D		

REV. E
NUMBER 5409698-0-1
C CS

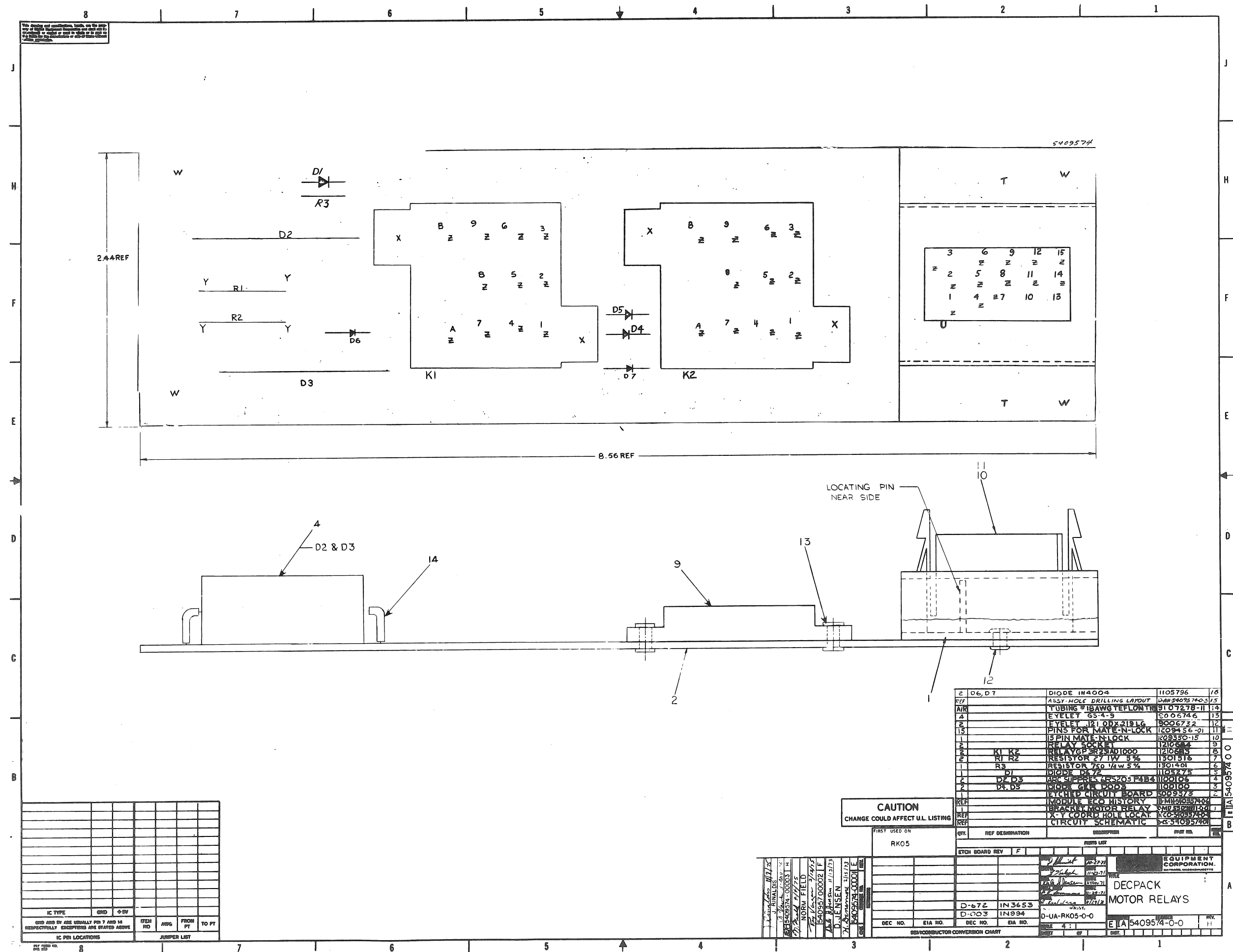


NOTE:

1. RELAY CONTACTS ARE SHOWN IN THE DE-ENERGIZED POSITIONS.
2. SAFETY RELAY L AND BLOWER MTR RELAY DR ARE THE SAME SIGNAL.
3. SPINDLE MOTOR RELAY L AND DISK RELAY DR ARE THE SAME SIGNAL.
4. THIS MODULE MUST BE UL APPROVED



QTY		REF DESIGNATION		DESCRIPTION		PART NO.		ITEM NO.	
PARTS LIST									
ETCH BOARD REV		F							
D003		IN994		DRN. ROGER J		DATE 12-9-71		 DIGITAL EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS	
D672		IN3653		CHK'D. <i>Donette</i>		DATE 12-15-71			
				ENG. <i>W. J. Jensen</i>		DATE 12-16-72			
				PROJ. ENG. <i>W. J. Jensen</i>		DATE 12-16-72			
				PROD. <i>W. J. Jensen</i>		DATE			
				NEXT HIGHER ASSY					
DEC NO.		EIA NO.		DEC NO.		EIA NO.		REV. H	
SEMICONDUCTOR CONVERSION CHART									
SCALE				SHEET 1		OF 1		DIST.	



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INTERFACE CABLE

FILE READY	B08-N1
HEAD SELECT L	B08-M2
WRITE PROTECT STATUS L	B08-P1
ERASE GATE	B08-K1
WRITE CHECK L	A08-S2
SEEK INCOMPLETE	A08-M2
R/W/S READY L	B08-L2
WRITE GATE L	B08-H1
STROBE L	A08-J2
SELECT 0 L	A08-T2
ADDRESS INVALID	A08-K2
SELECT 1 L	A08-R2
ADDRESS ACCEPTED L	A08-L2
SELECT 2 L	B08-S1
READ CLOCK	B08-S2
READ DATA	A08-M2
SELECT 3 L	A08-F2
WRITE DATA AND CLOCK L	B08-N2
SECTOR PULSE L	B08-K1
CYLINDER ADDRESS 0 L	B08-D1
CYLINDER ADDRESS 1 L	B08-L1
CYLINDER ADDRESS 2 L	B08-C1
CYLINDER ADDRESS 3 L	B08-F1
CYLINDER ADDRESS 4 L	B08-J1
CYLINDER ADDRESS 5 L	B08-E1
CYLINDER ADDRESS 6 L	B08-H1
CYLINDER ADDRESS 7 L	B08-M1
INDEX PULSE L	B08-L1
SECTOR ADDRESS 0 L	B08-P2
SECTOR ADDRESS 1 L	B08-K2
SECTOR ADDRESS 2 L	B08-J1
SECTOR ADDRESS 3 L	B08-R2
WRITE PROTECT SET L	B08-M1
RESTORE L	B08-F1
READ GATE L	B08-T1
AC LOW	B08-F2
DC LOW	B08-F2
HIGH DENSITY L	B08-P2

B08-N1	
B08-M2	
B08-P1	
B08-K1	
A08-S2	
A08-M2	
B08-L2	
B08-H1	
A08-J2	
A08-T2	
A08-K2	
A08-R2	
A08-L2	
B08-S1	
B08-S2	LOGIC
A08-M2	ASSEMBLY
A08-P2	
B08-N2	
A08-K1	
A08-L1	
A08-C1	
A08-F1	
A08-J1	
A08-E1	
A08-H1	
B08-M1	
B08-L1	
A08-P2	
B08-K2	
B08-J1	
B08-R2	
A08-M1	
B08-R1	
B08-F1	
B08-P2	
B08-P2	

DRAWING DIRECTORY

CUSTOMER PRINT SET INDEX

THIS IS PRINT SET

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

DRAWING DIRECTORY
 CIRCUIT SCHEMATIC
~~±5V~~ REGULATOR
 CIRCUIT SCHEMATIC
 ±15V REGULATOR
 CIRCUIT SCHEMATIC

SEQUENCE TB-DD-H743-Ø SHEET #1 ONLY

TB-DD-H743-~~8~~
D-CS-H743-~~8~~-1
E-1A-5409503-0-0
D-CS-5409503-0-1
E-1A-5409484-0-0
D-CS-5409484-0-1

SEQUENCE

MFG PRINTS

POWER SUPPLY
POWER SUPPLY (PL)
DRAWING DIRECTORY
PACKAGING INSTRUCTION

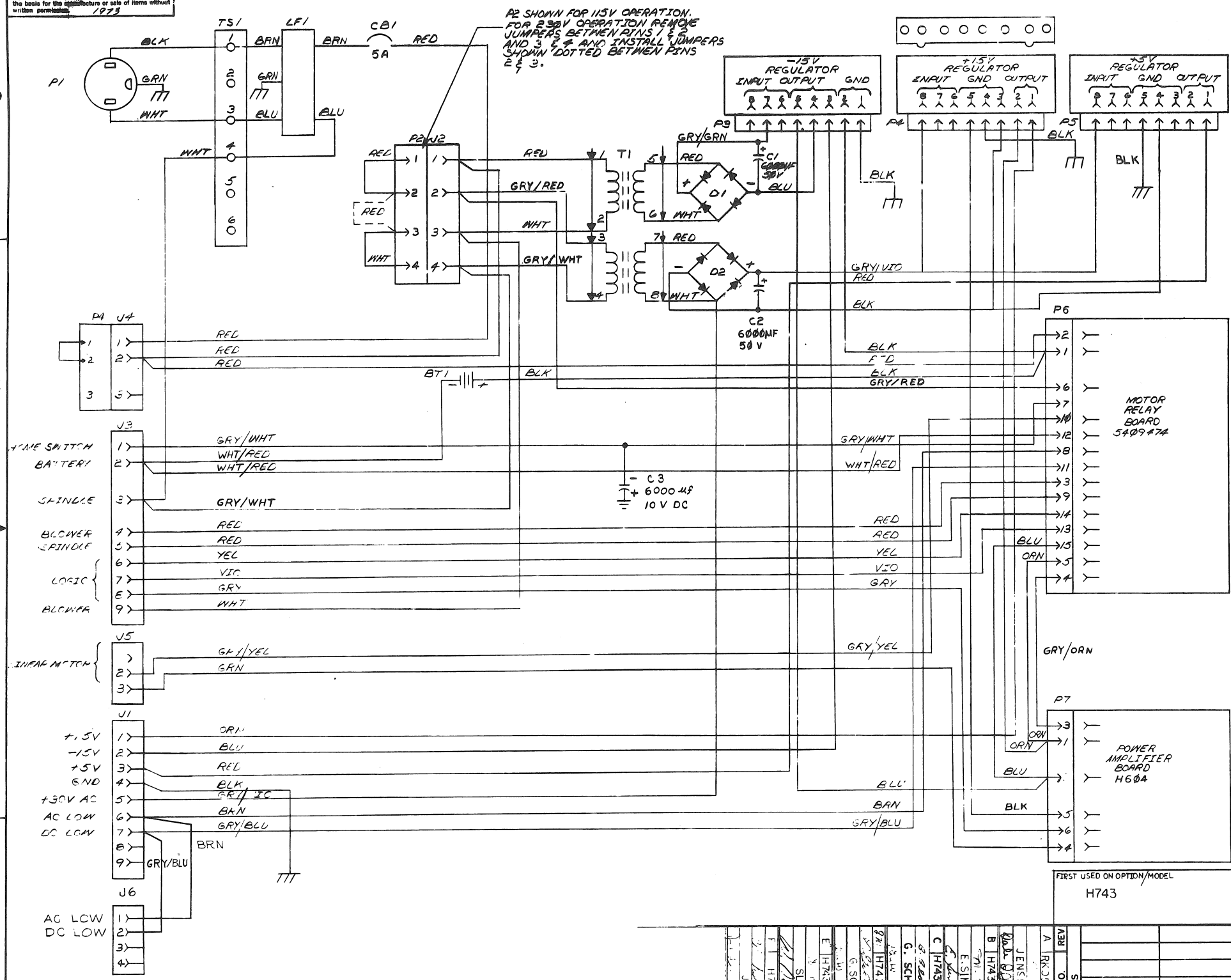
E-UA-H743-0-0
A-PL-H743-0-0
B-DD-H743-Ø
A-PI-3700130-0-0

[illegible]

REVISIONS		CHG. NO.		REV
DATE	CHG. NO.	REV		
04-1-72	KK05-19	A		
8-72	H743-1	B		
10-72	H743-2	C		
11-72	H743-3	D		
12-72	H743-4	E		
1-73	H743-5	F		
2-73	H743-6	H		
3-73	H743-7	J		
4-73	- 47-10	K		
5-75	H743-11	L		
6-75	H743-12	M		
8-75	H743-13	N		
9-75	H743-14	P		
1-76	H743-15	R		
4-76	H743-16	S		

USED ON OPTION/MODEL		DRN.	DATE	TITLE			
RK05		J. FLEMING	12/16/71	POWER SUPPLY (H743)			
		CHK'D	DATE				
		PROJ. ENG.	DATE				
		PROD.	DATE				
		FIELD SERV.	DATE				
		SHEET 1 OF 3	DIST	SIZE	CODE	NUMBER	REV
				B	DD	H743-0	S

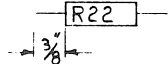
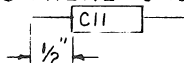
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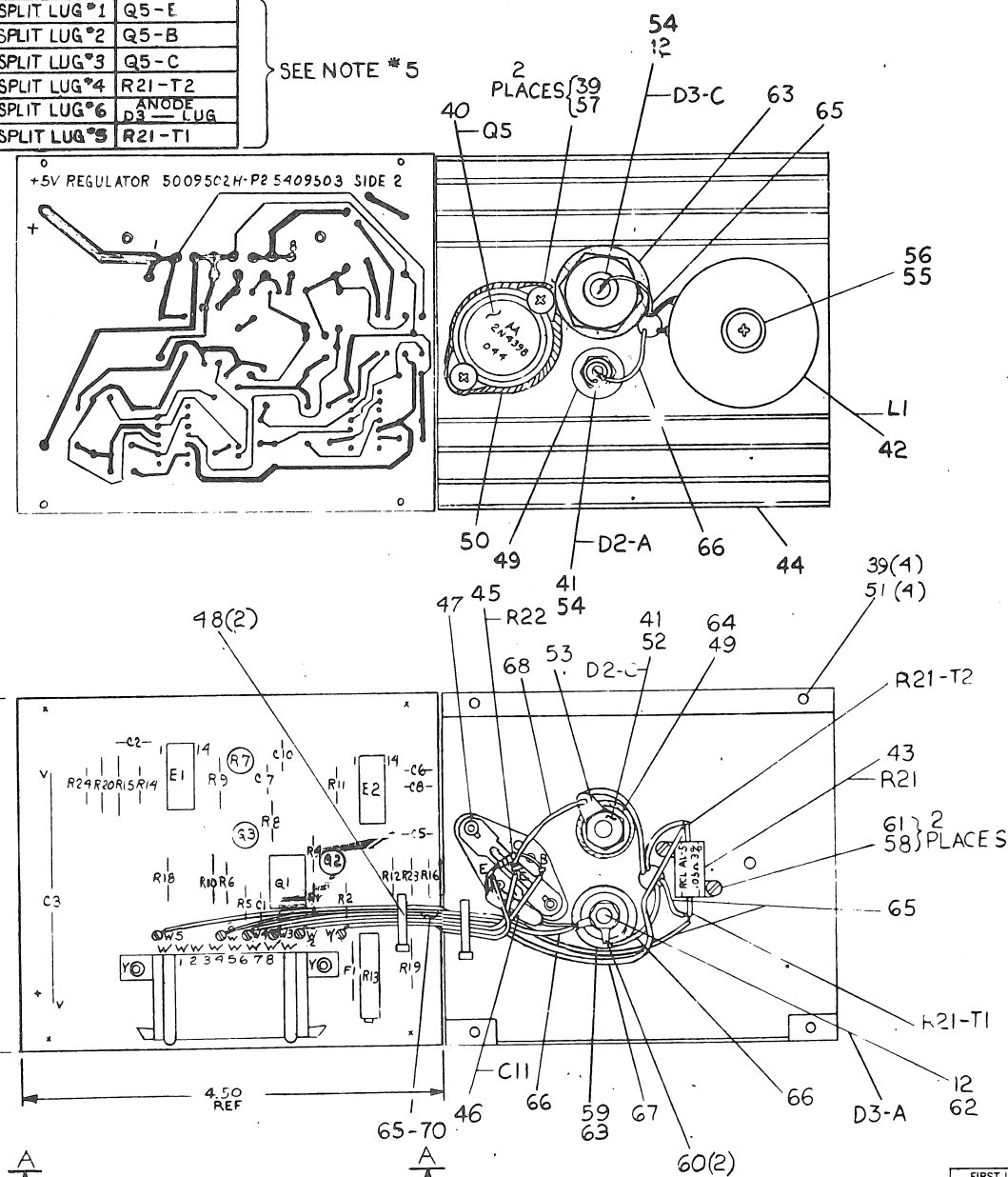


1	P1	POWER CORD 230V	1700016-09	22
1	C3	CAP 6000µF 10 VDC	1010704	21
1	P4	JUMPER AC HI	B-1A-7008729-3-0	20
1	P2	JUMPER 230V	B-1A-7008729-2-0	19
1	P2	JUMPER 115V	B-1A-7008729-1-0	18
3	P3, P4, P5	CONN, MATE-N-LOCK, 8 PIN	1209340-01	17
1	TS1	TERMINAL STRIP (6POS)	9006906	16
1	T1	TRANSFORMER	1610511	15
1	BT1	BATTERY	1210641	14
1	P7	CONN, MATE-N-LOCK, 6 PIN	1209351-06	13
1	P6	CONN, MATE-N-LOCK, 15 PIN	1209351-15	12
1		+5V REGULATOR	E-1A-5409503-0-0	11
2		± 15V REGULATOR	E-1A-5409484-0-0	10
1	BT1	BATTERY	1210641	9
1	P1	POWER CORD 115V	1700006-09	8
2	J4, J5	CONN, MATE-N-LOCK, 3 PIN	1209350-03	7
2	J2, J6	CONN, MATE-N-LOCK, 4 PIN	1209350-04	6
2	J1, J3	CONN, MATE-N-LOCK, 9 PIN	1209350-09	5
1	LF1	LINE FILTER	1212877-01	4
2	C1, C2	CAP 6000µF, 50V	1010510	3
2	D1, D2	RECTIFIER (MDA990-3)	1110051	2
1	CB1	CIRCUIT BREAKER 5A	1209203	1

QTY	REF DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST				
ETCH BOARD REV				
DRN: [Signature] DATE: 10/1/71				
CHK: [Signature] DATE: 11/1/71				
PRO: [Signature] DATE: 11/1/71				
NEXT HIGHER ASSY: B-DD-H743-0				
SCALE: 1/16"				
SHEET 1 OF 1				
EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS				
CIRCUIT SCHEMATIC H743				
SIZE CODE: DCS H743-0-1				
REV. E				

NOTES:

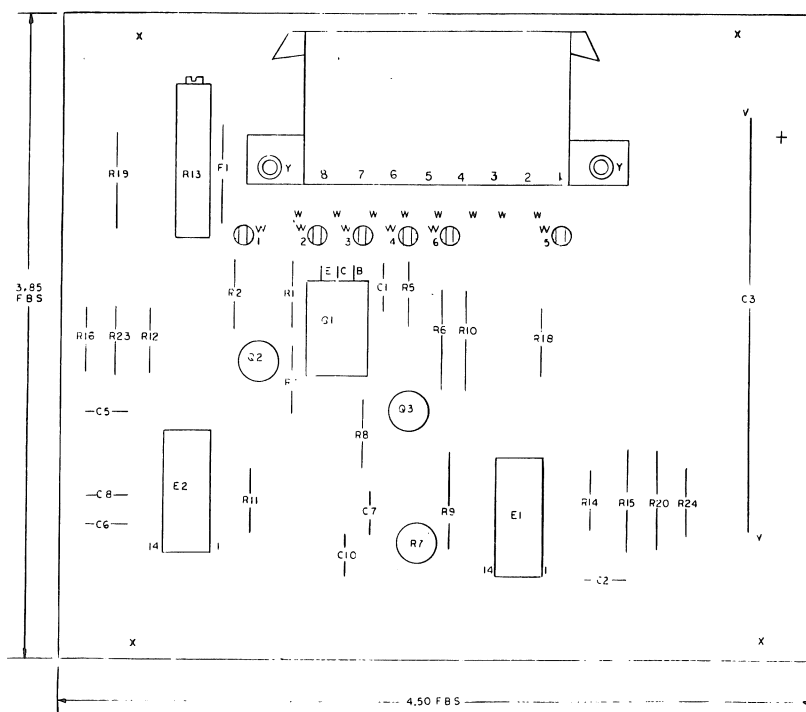
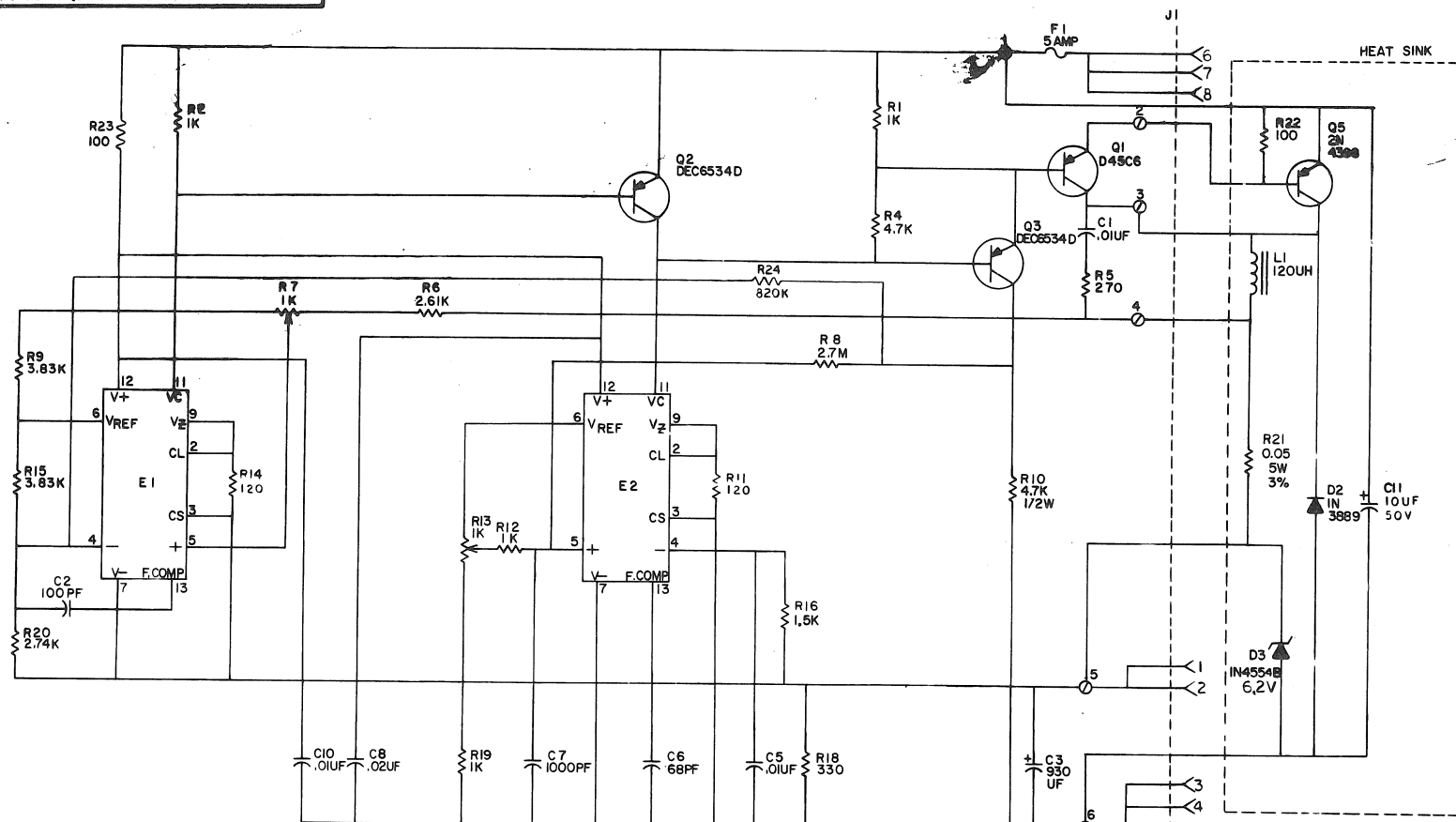
1. R13 IS USED FOR OUTPUT VOLTAGE ADJUSTMENT.
R7 IS USED FOR OUTPUT CURRENT ADJUSTMENT.
2. CUT LEADS OF RES. (R22) SO THERE IS $\frac{3}{8}$ " OF A LEAD LEFT ON BOTH ENDS.
A rectangular box labeled 'R22' with two horizontal lines extending from its sides. Below each line is a dimension line with arrows pointing to the ends of the lead, both labeled with the fraction 3/8.
3. CUT LEADS OF CAP. (C11) SO THERE IS $\frac{1}{2}$ " OF A LEAD LEFT ON BOTH ENDS.
A rectangular box labeled 'C11' with two horizontal lines extending from its sides. Below each line is a dimension line with arrows pointing to the ends of the lead, both labeled with the fraction 1/2.
4. THERMAL COMPOUND (ITEM 31) IS TO BE APPLIED TO BOTH SIDES OF ALL THERMAL INSULATORS (ITEM 49, 50 & 63). BOTH SIDES OF EACH INSULATOR SHOULD BE COVERED, LEAVING NO VOIDS WHEN INSTALLED. CARE MUST BE EXERCISED SO THAT NO EXTRA COMPOUND INTERFERES WITH ANY ELECTRICAL CONNECTION MADE TO ANY DEVICE.
5. WHEN ASSEMBLING THE WIRES FROM THE CIRCUIT BOARD TO THE HEAT SINK, PLACE THE MODULE AGAINST THE HEAT SINK, WIRE AS SHOWN BY THE WIRE LIST AND MAKE A SERVICE LOOP AT THE CONNECTIONS ON THE HEAT SINK TO TAKE UP ANY EXCESS WIRE THAT MIGHT BE AVAILABLE.



QTY		REF DESIGNATION		DESCRIPTION		PART NO.		ITEM NO.	
FIRST USED ON OPTION MODEL				PARTS LIST					
ETCH BOARD REV				H					
DRN.		DATE		MARINI		8-21-71		EQUIPMENT CORPORATION	
CHK'D		DATE		FLEMING		8-27-71		WATNARD MASSACHUSETTS	
ENG.		DATE		P. VENCENSON		9-8-71		TITLE	
PROJ. ENG.		DATE		P. VENCENSON		9-8-71		+ 5 VOLT	
PROD.		DATE		P. FAZIO		9-9-71		POWER REGULATOR	
NEXT HIGHER ASSY								SIZE CODE	
SCALE		NONE						NUMBER	
SHEET		1 OF 1						REV.	
DIST.								D IA 54J9503-0-0	
								R	

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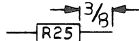
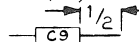
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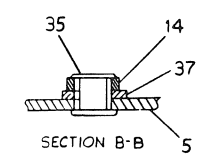


QTY	REF DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
1	R1	RES 1K 1/4W 5%	1300445	21
1	R2	RES 270 1/4W 5%	1301972	20
1	R3	RES 4.7K 1/4W 5%	1300447	19
3	R1, R2, R12	RES 1K 1/4W 5%	1300365	18
1	R18	RES 330 1/4W 5%	1300295	17
1	R24	RES 820K 1/4W 10%	1303187	16
8		CONNECTOR PIN	1209456	15
1	J1	CONN 8 PIN AMP	1209340-00	14
1	F1	FUSE 5 AMPS	1209070	13
1	D3	DIODE IN4554B 6.2V	1112122	12
1	C8	CAP .02UF 100V -0 +20% DISC	1000004	11
1	C3	CAP .930UF 30V -10 +75% ELEC.	1010509	10
3	C1, C5, C10	CAP .01UF 100V 20% DISC	1001610	9
1	C7	CAP 1000PF 100V 5% MICA	1000042	8
1	C2	CAP 100PF 100V 5% DM	1000016	7
1	C6	CAP 68PF 100V 5% DM	1000014	6
1		ETCH CIRCUIT BOARD	5009502	5
		MODULE ECO HISTORY	B-MH-5409503-0-6	4
		ASSY/DRILLING HOLE LAYOUT	D-AH-5409503-0-5	3
		X-Y COORDINATE HOLE LOCATION	K-CO-5409503-0-4	2
		+5V REGULATOR	D-IA-5409503-0-0	1

QTY	REF DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
1	R10	RES 4.7K 1/2W 5%	1300445	21
1	R5	RES 270 1/4W 5%	1301972	20
1	R4	RES 4.7K 1/4W 5%	1300447	19
3	R1, R2, R12	RES 1K 1/4W 5%	1300365	18
1	R18	RES 330 1/4W 5%	1300295	17
1	R24	RES 820K 1/4W 10%	1303187	16
8		CONNECTOR PIN	1209456	15
1	J1	CONN 8 PIN AMP	1209340-00	14
1	F1	FUSE 5 AMPS	1209070	13
1	D3	DIODE IN4554B 6.2V	1112122	12
1	C8	CAP .02UF 100V -0 +20% DISC	1000004	11
1	C3	CAP .930UF 30V -10 +75% ELEC.	1010509	10
3	C1, C5, C10	CAP .01UF 100V 20% DISC	1001610	9
1	C7	CAP 1000PF 100V 5% MICA	1000042	8
1	C2	CAP 100PF 100V 5% DM	1000016	7
1	C6	CAP 68PF 100V 5% DM	1000014	6
1		ETCH CIRCUIT BOARD	5009502	5
		MODULE ECO HISTORY	B-MH-5409503-0-6	4
		ASSY/DRILLING HOLE LAYOUT	D-AH-5409503-0-5	3
		X-Y COORDINATE HOLE LOCATION	K-CO-5409503-0-4	2
		+5V REGULATOR	D-IA-5409503-0-0	1

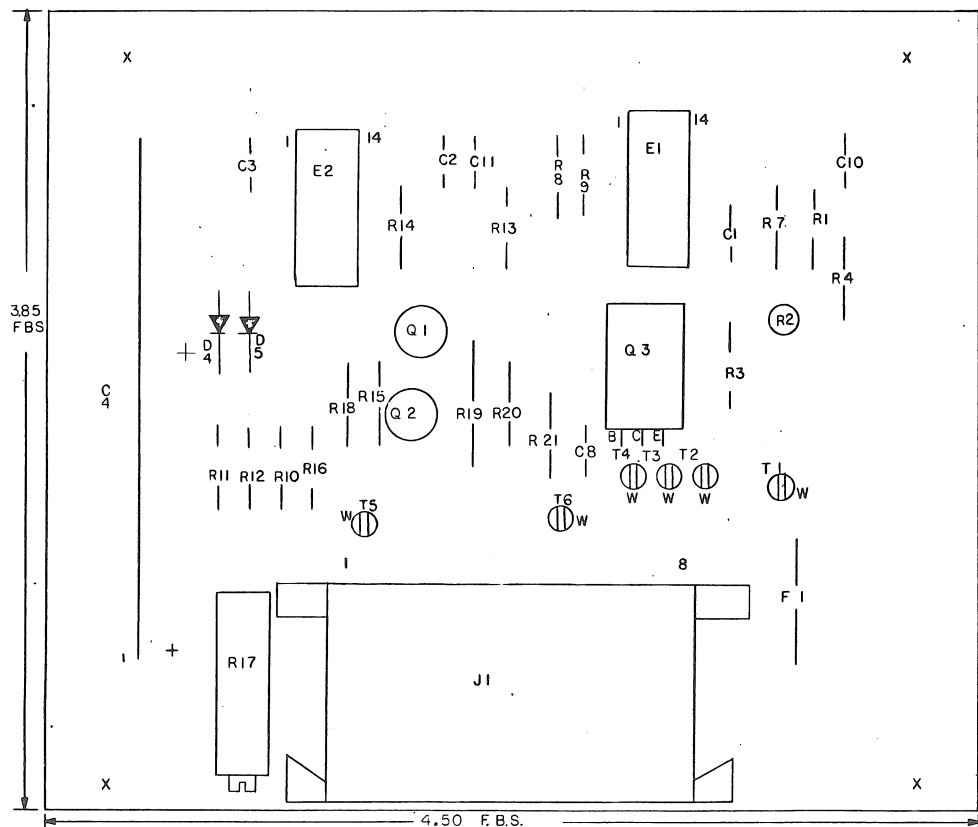
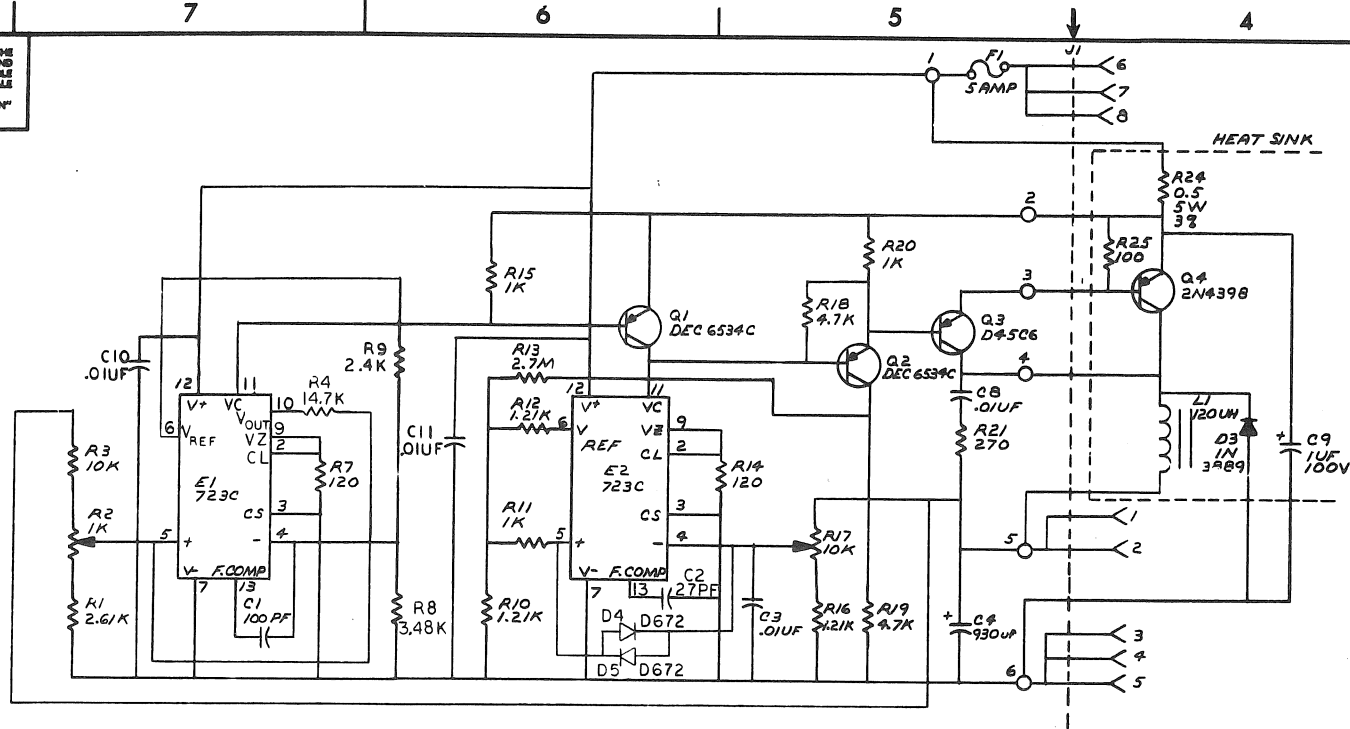
NOTES:

1. R17 IS USED FOR OUTPUT VOLTAGE ADJUSTMENT. R2 IS USED FOR OUTPUT POWER ADJUSTMENT.
2. CUT LEADS OF RES. (R25) SO THERE IS $3/8$ " OF A LEAD LEFT AT BOTH ENDS.

3. CUT LEADS OF CAP. (C9) SO THERE IS $1/2$ " OF A LEAD LEFT AT BOTH ENDS.

4. THERMAL COMPOUND (ITEM #39) IS TO BE APPLIED TO BOTH SIDES OF ALL THERMAL INSULATORS (ITEM #50+51) BOTH SIDES OF EACH INSULATOR SHOULD BE COMPLETELY COVERED, LEAVING NO VOIDS WHEN INSTALLED. CARE MUST BE EXERCISED SO THAT NO EXTRA COMPOUND INTERFERES WITH ANY ELECTRICAL CONNECTION MADE TO ANY DEVICE.
5. WHEN ASSEMBLING THE WIRES FROM THE CIRCUIT BOARD TO THE HEAT SINK, PLACE THE MODULE AGAINST THE HEAT SINK. WIRE AS SHOWN BY THE WIRE LIST AND MAKE A SERVICE LOOP AT THE CONNECTIONS ON THE HEAT SINK TO TAKE UP ANY EXCESS WIRE THAT MIGHT BE AVAILABLE.



QTY	REF DESIGNATION	DESCRIPTION		PART NO.	ITEM NO.
PARTS LIST					
ETCH BOARD REV					
		DRN.	DATE	digital EQUIPMENT CORPORATION MATHARD, MASSACHUSETTS TITLE 8 T. 2DV REGULATOR	
		T. GULLIN	7 SEP 71		
		CHK'D	DATE		
		J. FLEMING	8 SEP 71		
		ENG.	DATE		
		P. SVENDSEN	8 SEP 71		
		PROJ. ENG.	DATE	8 T. 2DV REGULATOR	
		P. SVENDSEN	8 SEP 71		
		PROD.	DATE		
		P. FAZ1	8 OCT 71		
		NEXT HIGHER ASSY			
		D-UA-H7370-0			
DEC NO.	EIA NO.	SCALE	NONE	SHEET	OF
R CONVERSION CHART					

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QTY	REF DESIGNATION	DESCRIPTION	PART NO.	REV.
1	A	WASHER, LOCK SPRING	9007801	69
1	A/A	WIRE #18 AWG STAD (WHT)	9107360-99	3
1	A/A	WIRE #18 AWG STAD (GRY)	9107360-88	2
1	A/A	WIRE #18 AWG STAD (VIO)	9107360-77	66
1	A/A	WIRE #18 AWG STAD (BLU)	9107360-66	55
1	A/A	WIRE #18 AWG STAD (GRN)	9107360-55	4
1	A/A	WIRE #18 AWG STAD (YEL)	9107360-44	63
2	2	#2 INTERNAL LOCK WASHER	9006631	5
2	2	TIE WRAPS	9007031	61
1	1	WASHER FLAT 3/16	9006666	5
1	1	#10-32 HEX NUT	9006564	59
2	2	2/56 x 3/16 SCREW	9006000-4	58
2	2	6/32 x 3/8 PAN HD SCREW	9006025-1	57
1	1	10-32 x 1 TRUSS HD SCREW	9006077-3	56
1	1	#10 INTERNAL LOCK WASHER	9006635	55
1	1	BUSHING (D/ODE)	9008441	54
1	1	SOLDER LUG	9008150	53
4	4	#6-20 x 3/8 SELF TAPPING SCREW	9008407-01	52
1	1	THERMAL INSULATOR	9008419	51
2	2	THERMAL INSULATOR	9008424	50
2	2	TS-1, TS-2	9009060	49
1	1	TRANSISTOR SOCKET	1210130	48
1	C9	CAP 1UF 100V	1005507	47
1	A24	RES. 0.5 3% 5W	1310508	46
1	A25	RES. 100 5% 1/4W	1300229	45
1	Q4	TRANSISTOR 2N4398	1505870	44
1	L1	120UH CHOKE	1610573	43
1	D3	DIODE 1N3889	1110491	42
1	1	HEAT SINK	D-2A-5309543-0-0	41
6	6	SPLIT LUGS	9006735	40
1	A/A	THERMAL COMPOUND	9008268	39
1	F1	FUSE 5 AMPS	1209070	38
2	2	WASHER NYLON	9006707	37
8	8	CONNECTOR PINS	1209456	36
2	2	EYELET	9006732	35
2	2	WASHER INT TOOTH #6	9006633	34
2	E1,2	DIP REGULATOR 723C	1910415	33
1	Q3	TRANSISTOR D4506	1510414	32
2	Q1,2	TRANSISTOR DEC 6534C	1503409-02	31
1	A21	RES. 270 1/4W 5%	1301972	29
1	A19	RES. 4.7K 1/2W 5%	1300445	28
1	A18	RES. 4.7K 1/4W 5%	1300447	27
1	A17	RES. VARIABLE 10K 3/4W 10%	1309143-10	26
1	A13	RES. 2.7M 1/4W 5%	1309680	25
3	A11,15,20	RES 1K 1/4W 5%	1300365	24
3	A10,12,16	RES 1.21K 1/8W 1% MF	1302871	23
1	A8	RES 3.48K 1/8W 1% MF	1305114	22
2	A7,14	RES 120 1/4W 5%	1300247	21
1	A9	RES 2.4K 1/4W 5%	1303177	19
1	A4	RES 14.7K 1/8W 1% MF	1302941	18
1	A3	RES 10K 1/8W 1% MF	1303912	17
1	A2	RES VARIABLE 1K 1/2W	1309150-03	16
1	A1	RES 2.61K 1/8W 1% MF	1303303	15
1	J1	AMP 8 PIN CONNECTOR (MATELOC)	1209340-00	14
2	D4,D5	DIODE D672	1105275	13
				12
				11
				10
1	C4	CAP. 930UF 30V, -10+75%	1010509	9
4	C3, 8,10,11	CAP. .01UF 100V20% AXIAL	1001610	8
1	C2	CAP. 27 PF 100V 5% MICA	1001731	7
1	C1	CAP. 100PF 100V 5% DM.	1000016	6
1	1	ETCHED CIRCUIT BOARD	5009483	5
		MODULE ECO HISTORY	B-MH-5409484-0-6	4
		ASSY DRILLING HOLE LAYOUT	B-AH-5409484-0-5	3
		X-COORDINATE HOLE LOCATION	X-CO-5409484-0-4	2
		B TO 20V REGULATOR	B-2A-5409484-0-0	1

QTY	REF DESIGNATION	DESCRIPTION	PART NO.	REV.
1	C4	CAP. 930UF 30V, -10+75%	1010509	9
4	C3, 8,10,11	CAP. .01UF 100V20% AXIAL	1001610	8
1	C2	CAP. 27 PF 100V 5% MICA	1001731	7
1	C1	CAP. 100PF 100V 5% DM.	1000016	6
1	1	ETCHED CIRCUIT BOARD	5009483	5
		MODULE ECO HISTORY	B-MH-5409484-0-6	4
		ASSY DRILLING HOLE LAYOUT	B-AH-5409484-0-5	3
		X-COORDINATE HOLE LOCATION	X-CO-5409484-0-4	2
		B TO 20V REGULATOR	B-2A-5409484-0-0	1

CHK	CHANGE NO.	REV.	DATE	BY	DATE	BY
1	00005	H	5/19/75	J. RINALDIS	5/19/75	J. RINALDIS
2	00006	J	7/15/75	J. RINALDIS	7/15/75	J. RINALDIS
3	00007	K	11/4/75	J. RINALDIS	11/4/75	J. RINALDIS

DRWG NO		REVLTR
K-WL-RK05-0-3		C

REVISIONS			
REV LTR	ECO NO	DATE	ENG
A	RK05-00014	7/72	Ed
B	RK05-00031	2/73	Ed
C	RK05-00005	4/76	PMK

DRAWN	DATE	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	TITLE		WIRE LIST (RK05)		
CHECKED	DATE						
ENG	DATE		FOR		TAPE*	FILE*	
PROJ ENG	DATE		ASSY NO	SIZE	CODE	DWG NO.	REV LTR
PROD	DATE		D-AD-7008696-0-0	K	WL	RK05-0-3	
SCALE NONE		SHEET	OF	DIST.			

PKY5,C	APP260,V34(02)=1				31-JUL-75		2-JUN-76		PAGE 5		0150		MC LENGTH		EXCEPTIONS		RUN	
RUN NAME	A/P	PIN	ORDER	PIN	ORDER	RAY	Q	DPH4	RV	RC	Y	X	Z	REMARKS	FLAG	NUMBER		
GND 06			A06C2		1-21 *								1		2-1/8	47		
GND 06			A06T1		1-22 *								2		1-5/8	47		
GND 06			B06C2		1-23 *				D05-9				1		0-4/8	47		
GND 06			A06C1		1-24 *				D05-9				2		0-4/8	47		
GND 06			A06E1		1-25 *				D05-9				1		0-5/8	47		
GND 06			A06J1		1-26 *				D05-9				2		1-4/8	47		
GND 06			A06T1		1-27 *				D05-9				1		0-1/8	47		
GND 06			A06S1		1-28 *				D05-9						7-0/8	47		
GND 06					1											47		
GND 07			A07R2		1-21 *								1		0-1/8	48		
GND 07			A07C2		1-22 *								2		1-5/8	48		
GND 07			A07N1		1-23 *								1		0-1/8	48		
GND 07			A07P1		1-24 *								2		0-1/8	48		
GND 07			A07R1		1-25 *								1		0-1/8	48		
GND 07			A07S1		1-26 *								2		0-1/8	48		
GND 07			A07T1		1-27 *								1		0-4/8	48		
GND 07			A07V1		1-28 *								2		1-3/8	48		
GND 07			A07B2		1-29 *								1		0-1/8	48		
GND 07			A07C2		1-30 *								2		0-1/8	48		
GND 07			A07D1		1-31 *								1		0-1/8	48		
GND 07			A07E1		1-32 *								2		1-7/8	48		
GND 07			A07T1		1-33 *								1		0-4/8	48		
GND 07			A07V2		1-34 *										6-7/8	48		
GND 07					1											48		
GND 08			A08R2		1-21 *								1		0-1/8	49		
GND 08			A08C2		1-22 *								2		1-5/8	49		
GND 08			A08N1		1-23 *								1		0-1/8	49		
GND 08			A08P1		1-24 *								2		0-1/8	49		
GND 08			A08R1		1-25 *								1		0-1/8	49		
GND 08			A08S1		1-26 *								2		0-1/8	49		
GND 08			A08T1		1-27 *								1		0-4/8	49		
GND 08			A08V1		1-28 *								2		1-3/8	49		
GND 08			A08R2		1-29 *								1		0-1/8	49		
GND 08			A08C2		1-30 *								2		0-1/8	49		
GND 08			A08D1		1-31 *								1		0-1/8	49		
GND 08			A08E1		1-32 *								2		1-7/8	49		
GND 08			A08T1		1-33 *								1		0-4/8	49		
GND 08			A08V2		1-34 *										6-7/8	49		
GND 08					1											49		
GND STORF			A02E1		1-21 *				D05-5				1		1-1/8	50		
GND STORF			A03D1		1-22 *				D05-5						1-1/8	50		
GND STORF					1											50		
HEAD SELECT			A01P1		1-21 *				D05-1				1		5-2/8	51		
HEAD SELECT			A07M2		1-22 *				D05-1				2		1	51		
HEAD SELECT			A08M2		1-23 *				D05-1						6-2/8	51		
HEAD SELECT					1											51		
HIGH DENSITY			A01R2		1-21 *				D05-4				1		4-3/8	52		
HIGH DENSITY			A07P2		1-22 *				D05-4				2		1	52		
HIGH DENSITY			A08P2		1-23 *				D05-4						53/8	52		
HIGH DENSITY					1											52		

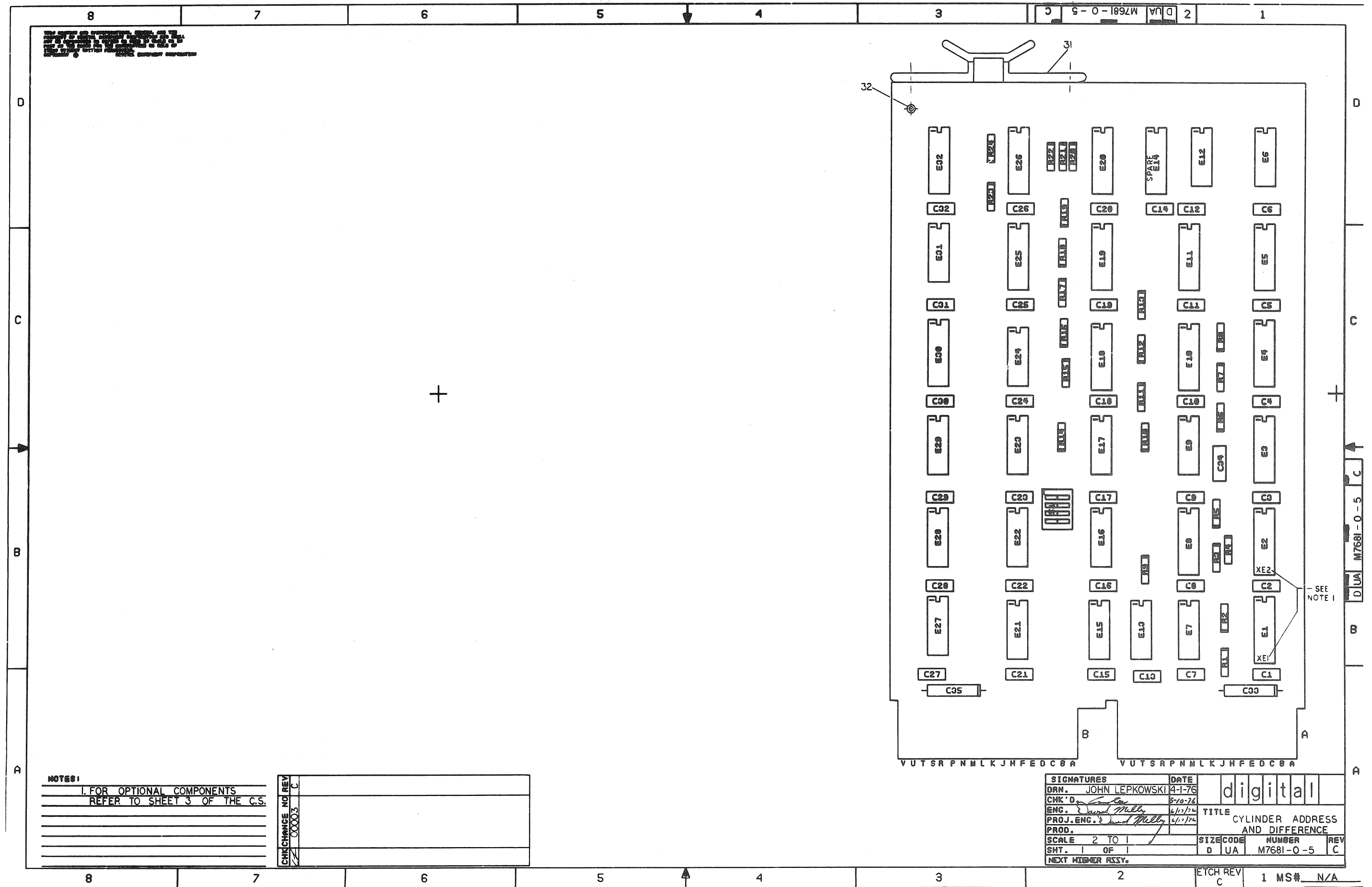
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[illegible]

RK05.C		WPP288.V34(62)-1		31-Jul-75		REMARKS		2-Jun-76		8:56		PAGE 8		RUN	
PUN NAME	A/P	PTN NAME	ORDER	PTN	ORDER	Q	DRAW	RV	RG	Y	X	Z	FLAG	RC LENGTH EXCEPTIONS	NUMBER
								OPT							
PESTORE	L	A08M1	1-21 *					D05-2				2		1	79
RESTORE	L	A07M1	1-02 *					D05-2				1		4-1/8	79
RESTORE	L	A02R1	1-03 *					D05-2							79
RESTORE	L		1											5-1/8	79
REV	H	A03H1	1-01 *					D05-5				1		1-7/8	80
REV	H	A05K2	1-02 *					D05-5						1-7/8	80
REV	H		1												80
PK-110	L	A08U1	1-21 *									2		1	81
PK-110	L	A07U1	1-02 *									1		4-2/8	81
PK-110	L	A02U1	1-03 *												81
PK-110	L		1											5-2/8	81
RTZ	L	A03F1	1-01 *					D05-2				1		3-3/8	82
RTZ	L	A02C1	1-02 *					D05-2							82
RTZ	L		1											3-3/8	82
RUN SW	L	A06L1	1-01 *					D05-7				1		4-1/8	83
RUN SW	L	A04L1	1-02 *					D05-7						4-1/8	83
RUN SW	L		1												83
SECTOR	L	A02S2	1-01 *					D05-9				1		3-1/8	84
SECTOR	L	A04K1	1-02 *					D05-9						3-1/8	84
SECTOR	L		1												84
SECTOR/INDEX RAW	H	A02E1	1-01 *					D05-2				1		5-7/8	85
SECTOR/INDEX PAW	H	A06L1	1-02 *											5-7/8	85
SECTOR/INDEX RAW	H		1												85
SFK DONE IND	H	A02V1	1-01 *					D05-5				1		3-2/8	86
SEK DONE IND	H	A06F1	1-02 *					D05-5						3-2/8	86
SEK DONE IND	H		1												86
SFL/WRITF PROTECT SET	L	A02H1	1-01 *					D05-5				1		2-5/8	87
SFL/WRITF PROTECT SET	L	A04R1	1-02 *					D05-5						2-5/8	87
SFL/WRITF PROTECT SFT	L		1												87
SELECT	H	A01S2	1-01 *					D05-2				2		1-6/8	88
SELECT	H	A04S1	1-02 *					D05-2				1		4-1/8	88
SFL/CT	H	A02V2	1-03 *					D05-2						5-7/8	88
SFL/CT	H		1												88
SELECT 1	L	A08J2	1-01 *					D05-3				2		1	89
SELECT 1	L	A07J2	1-02 *					D05-3				1		5-7/8	89
SELECT 1	L	A02R2	1-03 *					D05-3						6-7/8	89
SELECT 1	L		1												89
SELECT 2	L	A08K2	1-01 *					D05-3				2		1	90
SELECT 2	L	A07K2	1-02 *					D05-3				1		5	90
SELECT 2	L	A02S2	1-03 *					D05-3						6-7/8	90
SELECT 2	L		1												90

DIGITAL EQUIPMENT CORPORATION				QUANTITY / VARIATION												NOTES:			
PARTS LIST																			
MADE BY K. HODGSON		CHECKED <i>H. Harrison</i>		SECTION															
DATE 3 FEB 76		DATE 3 FEB 76																	
ENG <i>J. L. ...</i>		PROD <i>Jack ...</i>		ISSUED SECTION															
DATE 25 FEB 76		DATE 25 FEB 76																	
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION														REF. DESIGNATION		
1	D-CS-M7680-0-1		DEC PAK INDEX SECTOR (C.S.)	REF															
2	D-AH-M7680-0-5		ASSY/DRILLING HOLE LAYOUT	REF															
3	B-MH-M7680-0-6		MODULE ECO HISTORY	REF															
4	5012018		ETCHED CIRCUIT BOARD	1															
5	1005306-00		CAP 6.8UF 35V 20% S.TANT	2													C20,C21		
6	1000016-00		CAP 100PF 100V 5% D.M.	2													C27,C28		
7	1000023-00		CAP 330PF 100V 5% D.M.	2													C23,C30		
8	1000024-00		CAP 470PF 100V 5% D.M.	1													C29		
9	1001610-01		CAP .01UF 100V DISC	22													C1 THRU C19, C26,C31,C32		
10	1001776-00		CAP 1.0UF 35V 10% S.TANT	1													C25		
11	1002180-00		CAP .15UF 35V 20% S.TANT	1													C24		
12	1005784-00		CAP .01UF 100V 10% MYLAR	1													C22		
13	1101938-00		DIODE 1N4370A VZ 2.4 5%	1													D3		
14	1210042-00		SWITCH ROTARY 8 POS	1													S1		
15	1300365-00		RES 1K 1/4W 5%	3													R5,R16,R17		
16	1300229-00		RES 100 1/4W 5%	1													R1		
17	1300250-00		RES 150 1/4W 5%	1													R12		
18	1300295-00		RES 330 1/4W 5%	2													R4,R10		
19	1300447-00		RES 4.7K 1/4W 5%	1													R2		
E.C.O. NO.																			
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				SHEET 1				OF 3				DIST							

DIGITAL EQUIPMENT CORPORATION				QUANTITY / VARIATION												NOTES:
PARTS LIST																
MADE BY K. HODGSON		CHECKED <i>H. Davidson</i>														
DATE 3 FEB 76		DATE 3 FEB 76														
ENG <i>Jack Favalik</i>		PROD <i>Jack Favalik</i>														
DATE 15 FEB 76		DATE 25 FEB 76														
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION													REF. DESIGNATION
20	1300479-00		RES 10K 1/4W 5%	3											R3,R7,R18	
21	1301401-00		RES 750, 1/4W 5%	1											R11	
22	1301808-00		RES 22K 1/4W 5%	1											R9	
23	1309143-00		RES 10K 3/4W 10% POT	1											R6	
24	1302394-00		RES 30K 1/4W 5%	3											R14,R15,R8	
25	1302465-00		RES 18K 1/4W 5%	1											R13	
26	1502762-01		TRANSISTOR 3639C	1											Q1	
27	1905547-00		IC 7474	1											E21	
28	1905575-00		IC 7400	2											E15,E16	
29	1905576-00		IC 7410	1											E14	
30	1909054-00		IC 7493	2											E8,E9	
31	1911469-00		IC 8640	2											E19,E23	
32	1909686-00		IC 7404	1											E18	
33	1910047-00		IC 74145	1											E20	
34	1910230-00		IC 74121	1											E11	
35	1910645-00		IC 75452	7											E1 THRU E3,E6,E7,E12,E13	
36	1910436-00		IC 74123	3											E17,E22,E25	
37	1905590-00		IC 7401	1											E24	
38	1909004-00		IC 7402	1											E5	
E.C.O. NO.																
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					SHEET 2 OF 3		DIST.									



DIGITAL EQUIPMENT CORPORATION				QUANTITY / VARIATION												NOTES:					
PARTS LIST																					
ETCH REV C																					
MADE BY Lora Metzger		CHECKED <i>H. N. ...</i>		SECTION																	
DATE 2/2/76		DATE 4 FEB 76																			
ENG <i>J. ...</i>		PROD <i>J. ...</i>		ISSUED SECTION																	
DATE		DATE 25 FEB 76																			
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	REF													REF. DESIGNATION				
1	D-CS-M7681-0-1		CYLINDER ADDRESS AND DIFFERENCE (C.S.)	REF																	
2	D-AH-M7681-0-5		ASSY/DRILLING HOLE LAYOUT	REF																	
3	B-MH-M7681-0-6		MODULE ECO HISTORY	REF																	
4	5012044		ETCH CIRCUIT BOARD	1																	
5	1000009-00		CAP 33PF 100V 5% DM	1													C34				
6	1001610-01		CAP .01UF 100V DISC	32													C1 THRU C32				
7	1005306-00		CAP 6.8UF 35V 10% S.TANT	2													C33,C35				
8	1300365-00		RES 1K 1/4W 5%	21													R1 THRU R5,R9 THRU R24				
9	1300295-00		RES 330 1/4W 5%	1													R7				
10	1301401-00		RES 750 1/4W 5%	1													R8				
11	1301874-00		RES 5.6K 1/4W 5%	1													R6				
12	1905547-00		IC 7474	2													E13,E29				
13	1905575-00		IC 7400	2													E21,E22				
14	1909004-00		IC 7402	2													E17,E28				
15	1909686-00		IC 7404	2													E15,E23				
16	1909928-00		IC 7416	1													E7				
17	1909932-00		IC 7483	3													E4,E10,E26				
18	1910011-00		IC 7486	3													E6,E9,E12				
19	1910018-00		IC 74193	3													E5,E11,E25				
E.C.O. NO. 00002 00003																					
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								SHEET 1 OF 2				DST.									

ETCH REV C

NOTES:

DATE 25 FEB 76

REF. DESIGNATION

E20

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