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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

[illegible]

DRB 106A .

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NOTE:

TERMINATOR OR DISK BUS CABLE CONNECTOR MAY BE INTERCHANGED BETWEEN SLOTS 7 AND 8

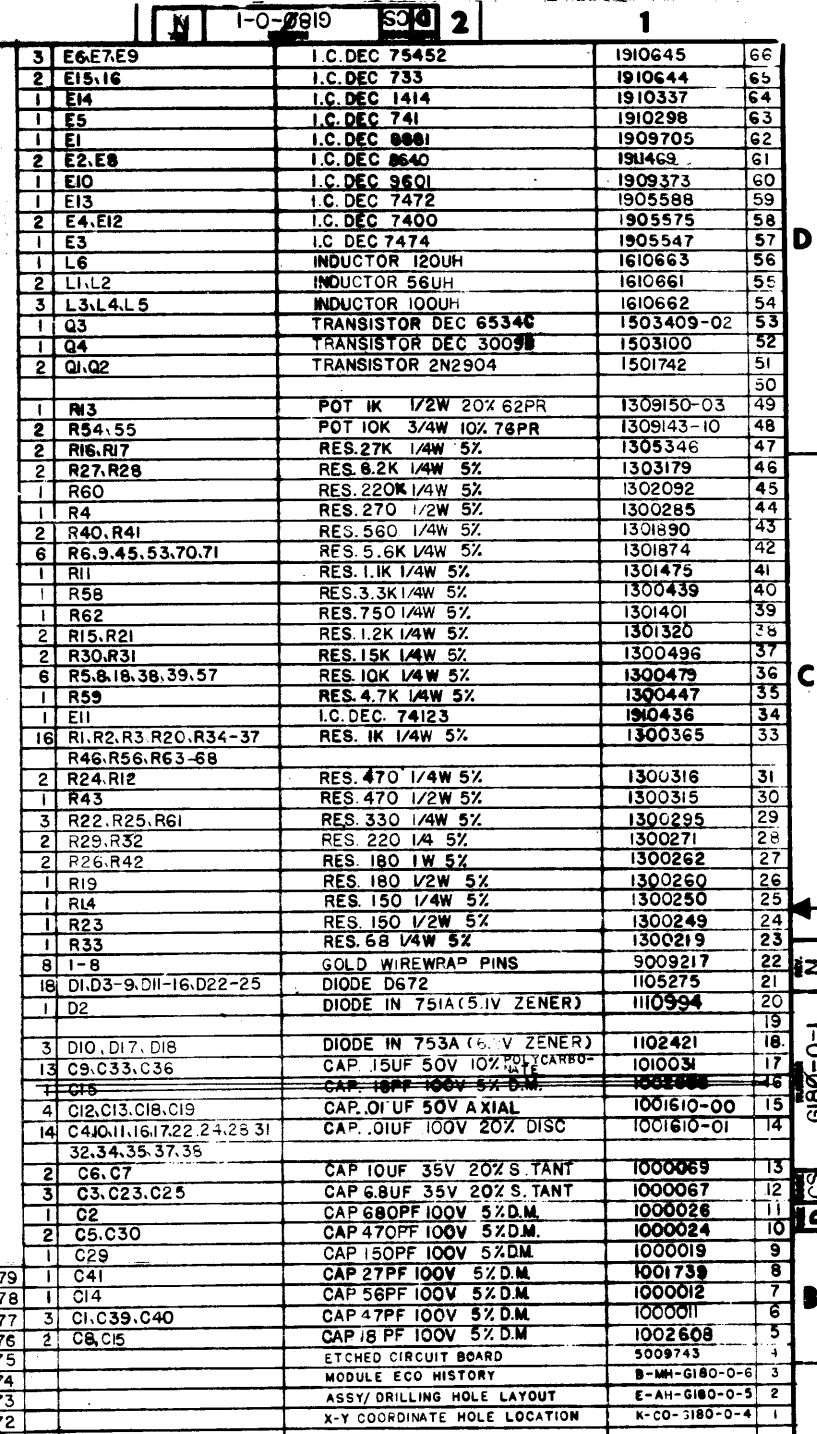
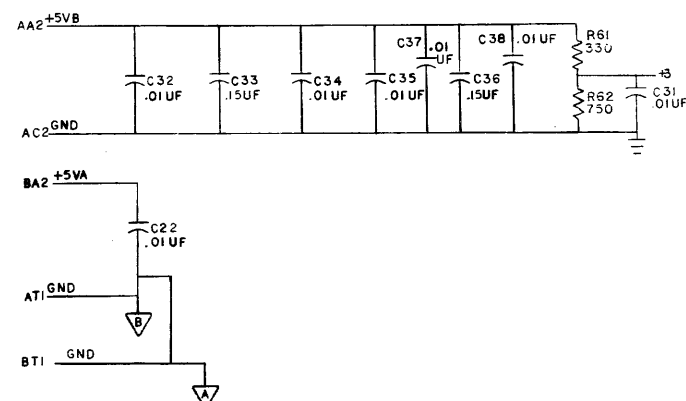
	1	2	3	4	5	6	7	8
	G180	M7680	M7681	M7701	G938-YA	M983	M930 *	M929
USAGE	2	2	2	2	2	2	2	2
	READ/ WRITE	INDEX & SECTOR	CYLINDER ADDRESS DIFFERENCE	CONTROL & INTERLOCK	POSITION SERVO PREAMP	CHASSIS CONNECTOR	TERMINATOR	DISK BUS CABLE CONNECTOR
USAGE								

* IF MORE THAN ONE DRIVE IS USED,
M930 IS REPLACED BY M929 (BC11A)
M930 IS USED IN THE LAST DRIVE
ON THE BUS

REV.	CHANGE NO.

DEC FORM NO.
DEC 100-C

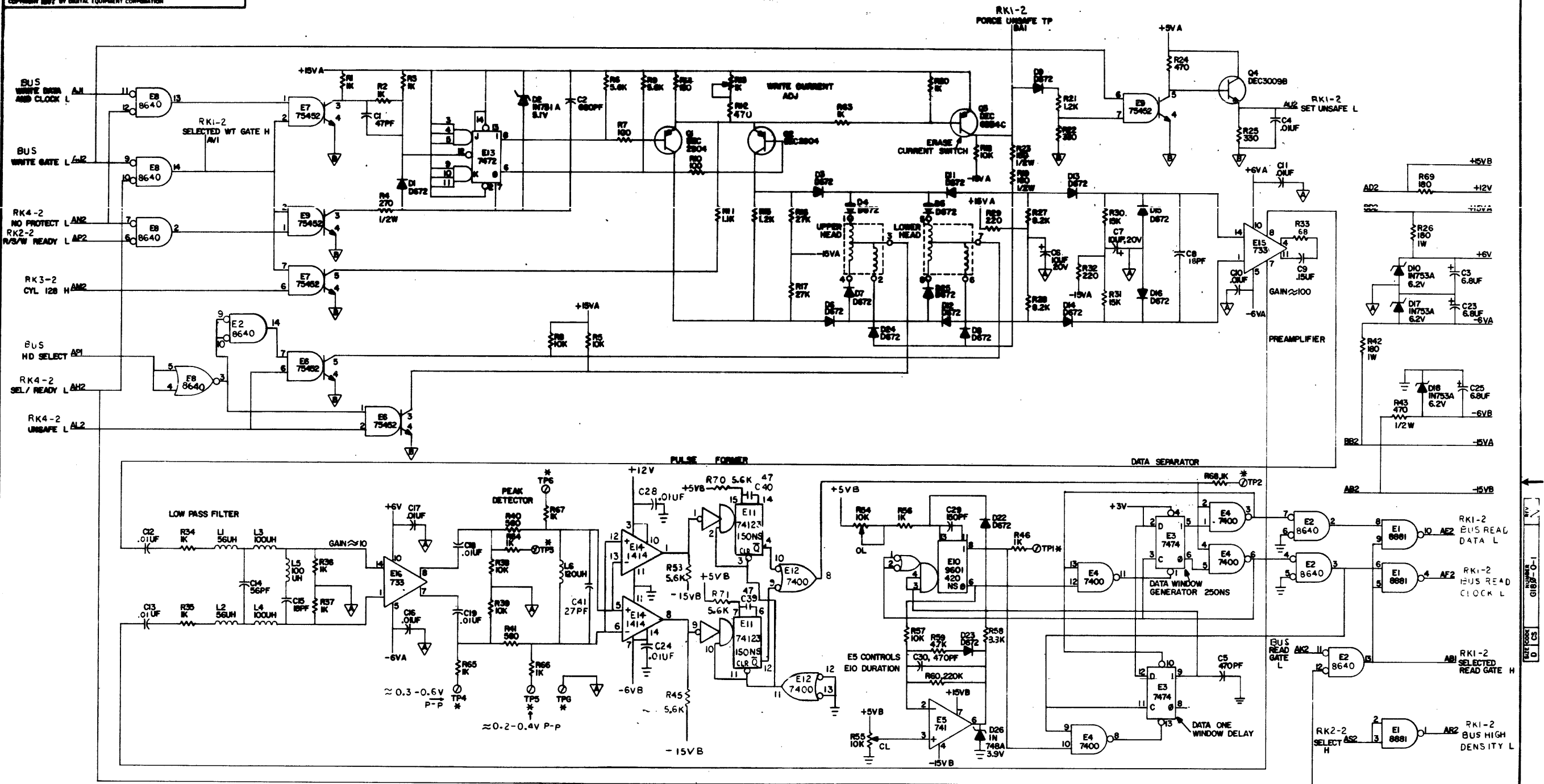
THIRD ANGLE PROJECTION 	DESCRIPTION	DWG./PART NO.	ITEM NO.
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
	ANGLES ±0° 30'	CLASS OF ACCURACY (CHECK ONE)	NOMINAL DIMENSION RANGE INCHES
	SURFACE QUALITY IN MICROINCHES	MEDIUM ☐	PREFERRED ☐
QUANTITY & VARIATION	DRN <i>S. Williams</i> 4/16/76	FIRST USED ON RK05F	
REMOVE BURRS AND BREAK SHARP CORNERS	CHK'D <i>T. Guillot</i> 10/24/76	TITLE MODULE UTILIZATION	
DO NOT SCALE DWG	PROJ. ENG. <i>W. Allen</i> 5/2/76		
MATERIAL	PROD. <i>J. Franklin</i> 5/24/76		
FINISH	B-DD-RK05F-0	SIZE CODE C MU	NUMBER RK05F-0-2
	SCALE NONE		
	SHEET 1 OF 1	DIST.	

[illegible]

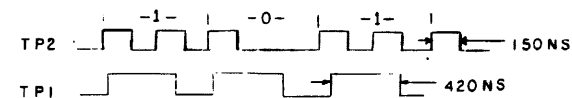
1	D26	DIODE IN748A (3.9V ZENER)	1100122
1	R69	RES. 180 1/4W 5%	1301322
2	R7.R10	RES. 100 1/4W 5%	1300229
1		NOISE SHIELD	5009893
2		HANDLE,FLIP CHIP- GREEN	9008337-01
7	TP6,TP1 THRU TP6	SWAGE LUG	9007791
2		HEX NUT,NYLON,*2-56	9007263
2		EYELET *6S4-7	9006732
2		INTERNAL LOCK WASHER *2-56	9006631
2		HEX NUT *2-56	9006555
2		SCREW 4/40X3/8	9006011-4
2		SCREW PAN HD *2-56X5/16	9006002-1
2		KEP NUT 4/40	9006557

0	QTY	REF. DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
9					
8					
7					
	PARTS LIST				
	ETCH BOARD REV. L				
			DRPL R. DOUGETTE CHRGD NANCY MOORE ENCL DALE JENKIN PROJ ENCL G. KARLSBERG PROJ.	DATE 10-26-71 DATE 11-30-71 DATE 1-22-72 DATE 1-22-72 DATE	
	IN746A	SAME			
	IN753A	SAME			
	IN751A	SAME			
	D672	IN3653			
	DEC NO.	EIA NO.			
	R CONVERSION CHART		SCALE SHEET 1 OF 2	CASE CODE D CS	NUMBER 6100-0-1
			NEXT HIGHER ASSY		REV. N

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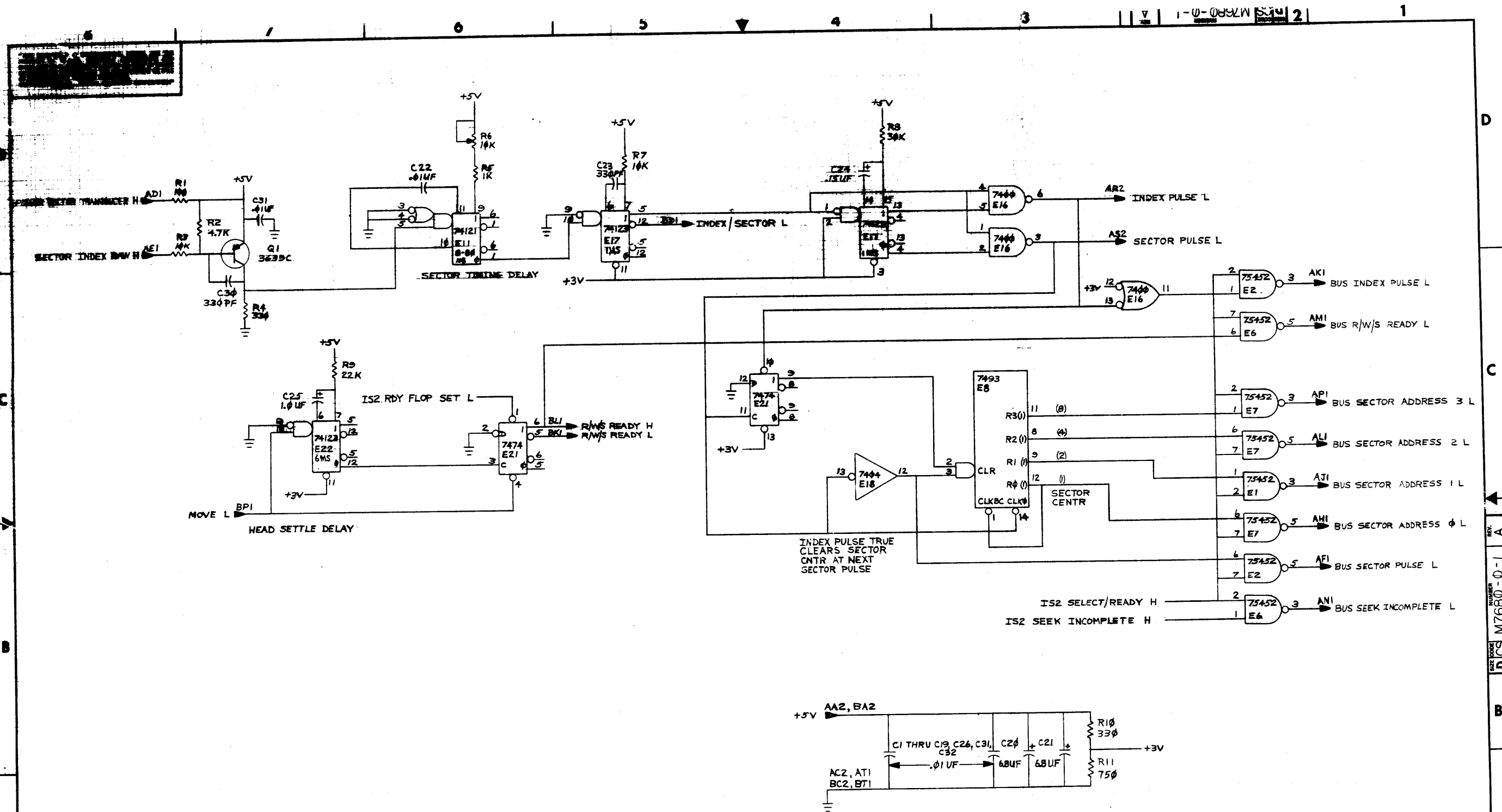


UNLESS OTHERWISE INDICATED:
 * INDICATES SWAGE LUG
 ▽ ANALOG GND "A" BT1
 ▽ ANALOG GND "B" AT1
 ⊥ DIGITAL GND AC2
 — COMPONENTS NOT MOUNTED ON BOARD
 ALL TIMES INDICATED ARE NOMINAL

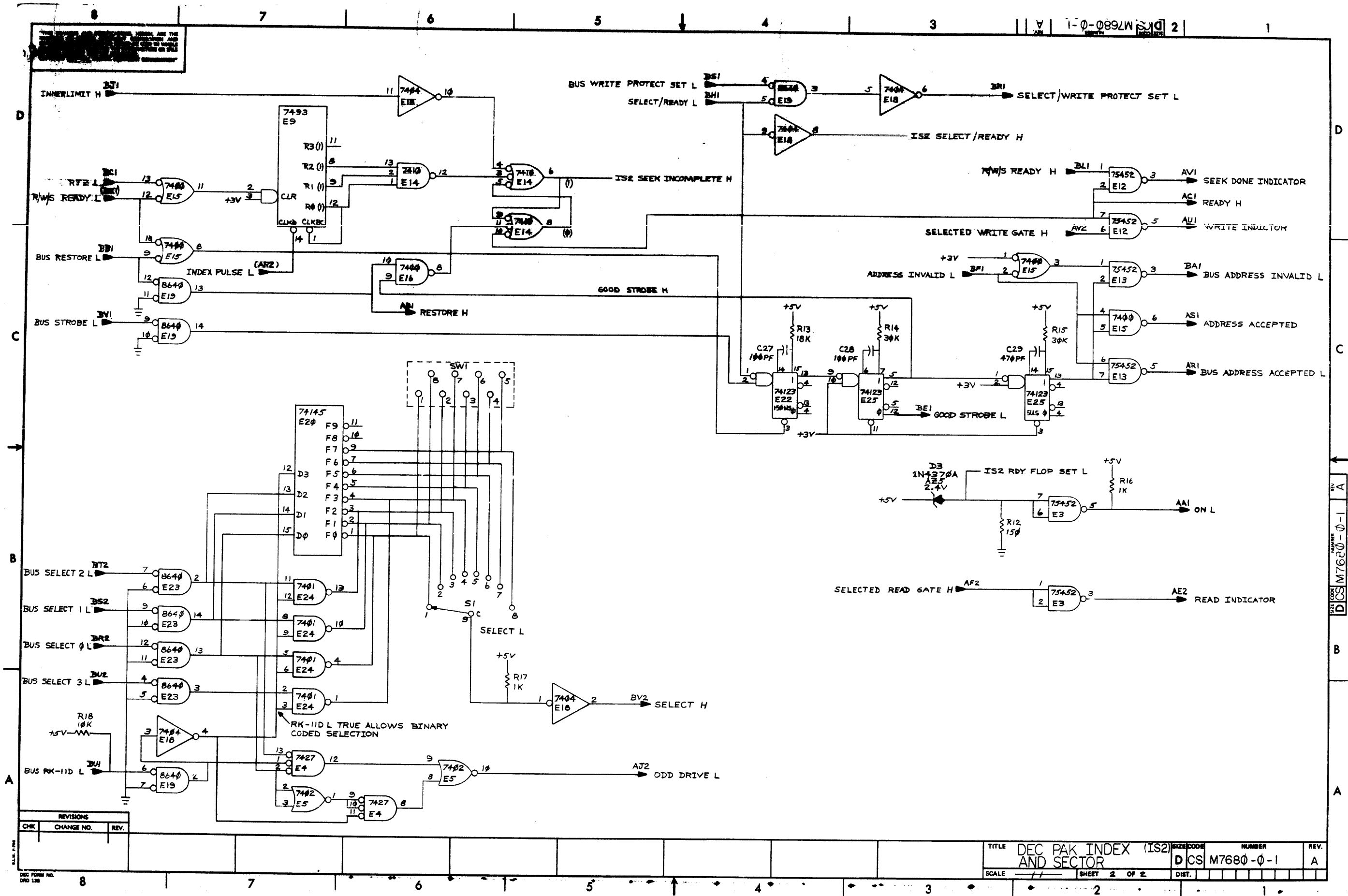


SLOT -1

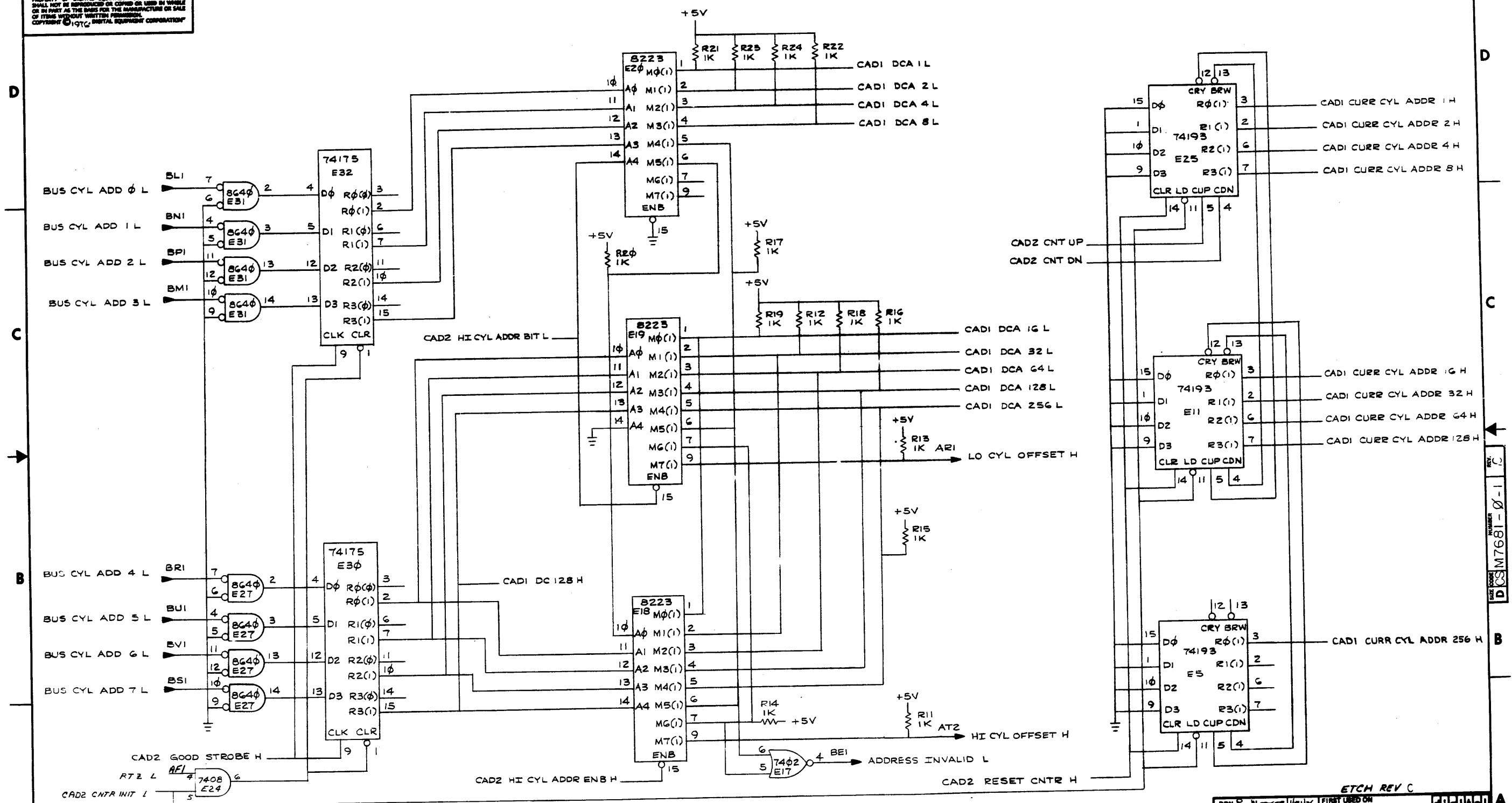
REVISIONS		DATE		TRANSISTOR & DIODE CONVERSION CHART		TITLE	
1	10/10/71	DEC	741	DEC	741	DEC PACK READ/WRITE	
EQUIPMENT CORPORATION		DATE		PRINTED CIRCUIT REV.		SHEET 2 OF 2	



DRN. <i>[Signature]</i>	22 Jan 78	FIRST USED ON	<i>[Signature]</i>
CHK'D <i>[Signature]</i>	3 FEB 78	TITLE	DEC PAK INDEX AND SECTOR (ISI)
ENG. <i>[Signature]</i>		SIZE	D
PROD. ENGR. <i>[Signature]</i>		CODE	CS
PROD. <i>[Signature]</i>		NUMBER	M7680-0-1
NEXT HIGHER ASSY.		REV.	A
D-LA-M7680-0-0		SCALE	
SHEET 1 OF 2		DIST.	



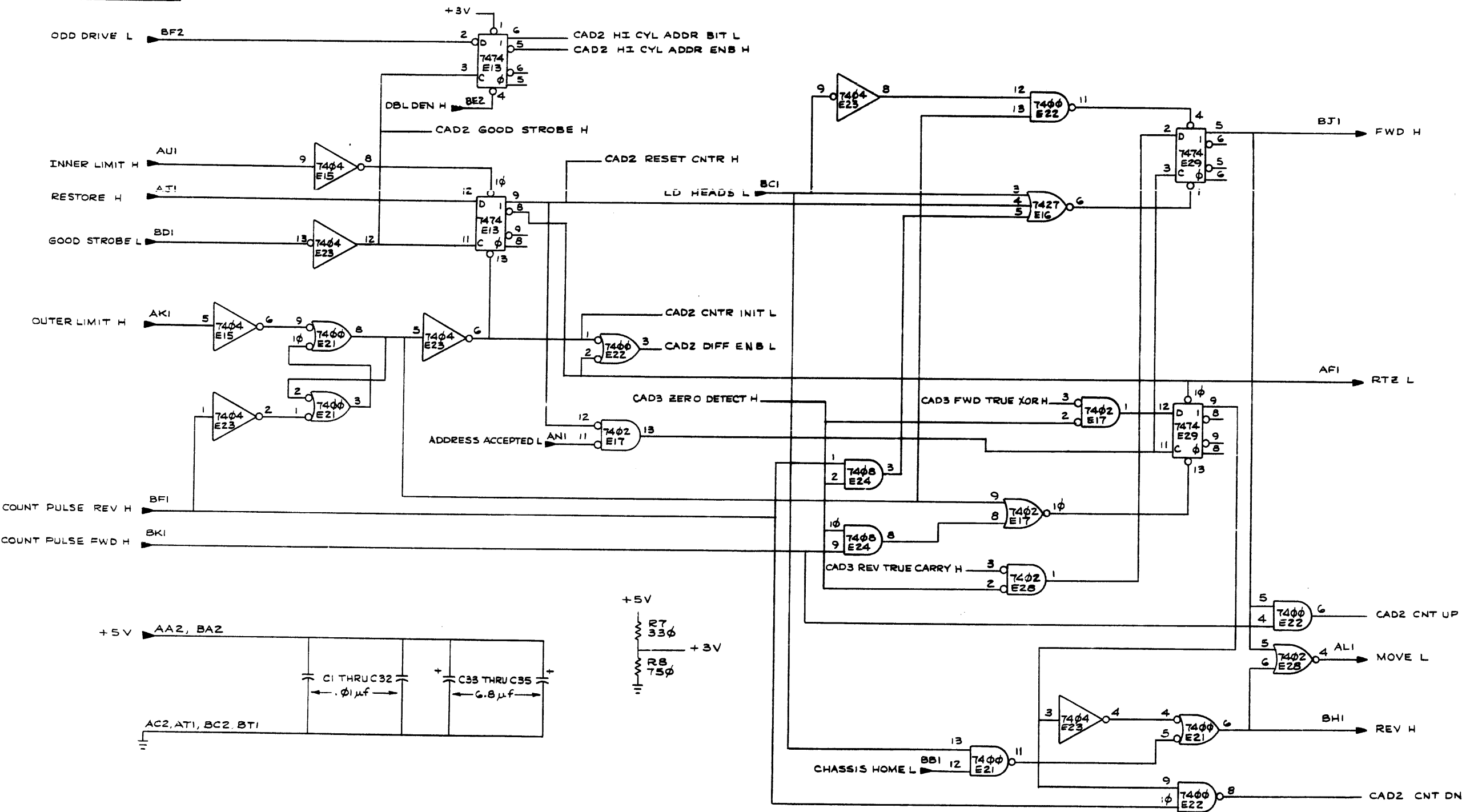
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REV.	CHG.	NO.	DATE	BY	CHK.
B		1	1/21/76	J. RINALDIS	
C		2	2/5/76	J. RINALDIS	
D		3	2/12/76	J. RINALDIS	

DRL: J. Rinaldis		1/21/76		FIRST USED ON	
CHKD: J. Rinaldis		2/5/76		RK05F	
ENG: J. Rinaldis		2/5/76		TITLE CYLINDER ADDRESS AND DIFFERENCE (CADI)	
PROJ: ENG		DIGITAL		SIZE CODE	
PROD: J. Rinaldis		DIGITAL		NUMBER	
NEXT HIGHER ASSY: RK05F		DIGITAL		REV. C	
D-UA-M7681-0-0		DIGITAL		SHEET 1 OF 3	
SCALE		DIST.		DST.	

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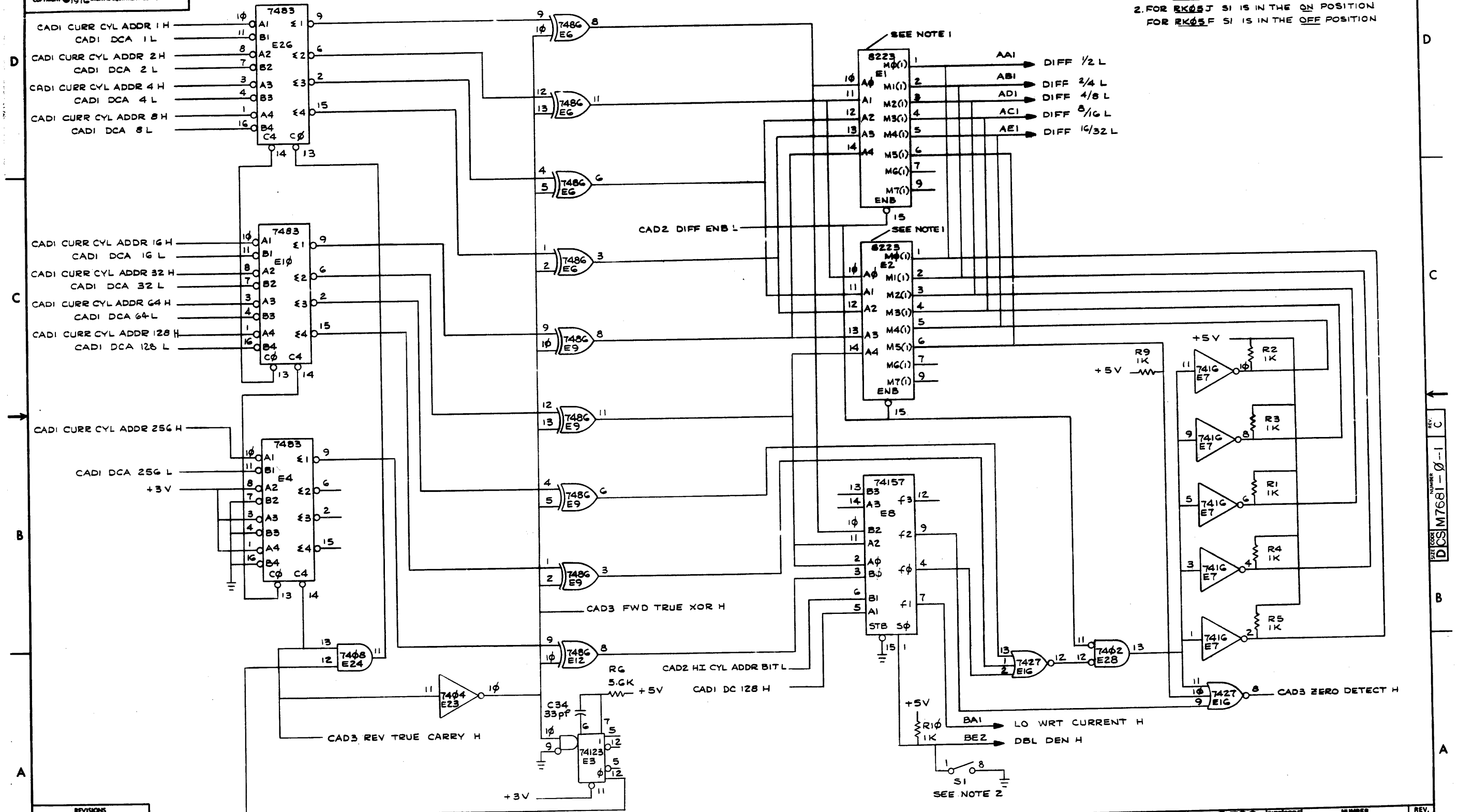


REVISIONS		
CHK	CHANGE NO.	REV.

DEC FORM NO. 300 136

TITLE CYLINDER ADDRESS AND DIFFERENCE (CAD2) SIZE CODE DCS M7681-0-1 REV. C
SCALE 1/1 SHEET 2 OF 3 DIST. 1

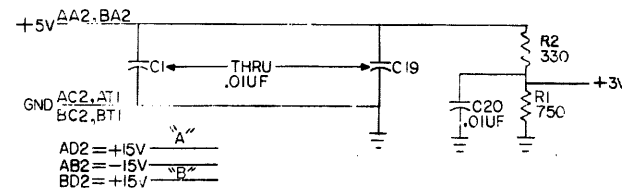
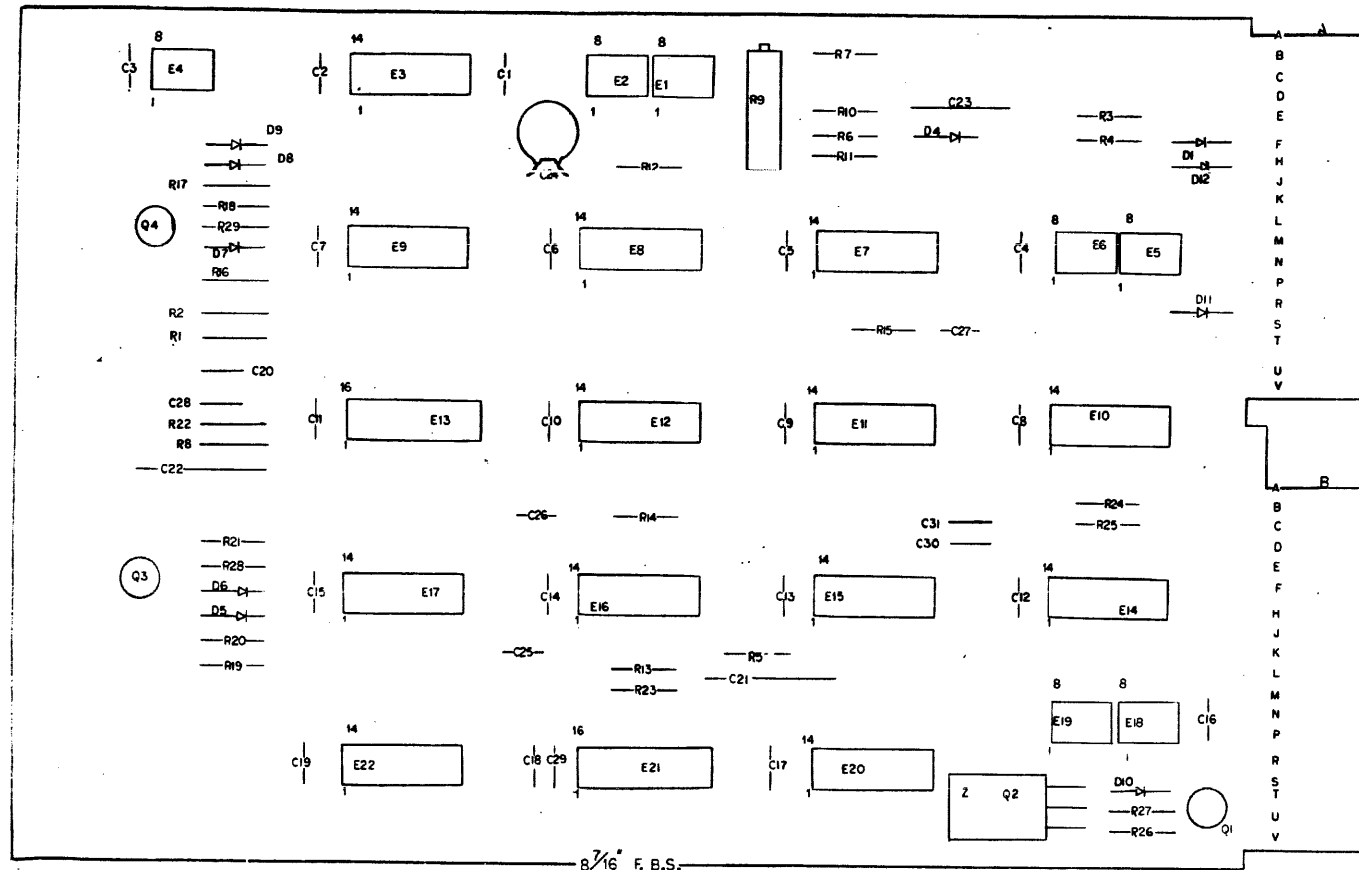
1. FOR RK05J I.C. LOCATION E1 IS USED
FOR RK05F I.C. LOCATION E2 IS USED
2. FOR RK05J SI IS IN THE ON POSITION
FOR RK05F SI IS IN THE OFF POSITION



REVISIONS		
CHK	CHANGE NO.	REV.

DEC FORM NO
DND 138

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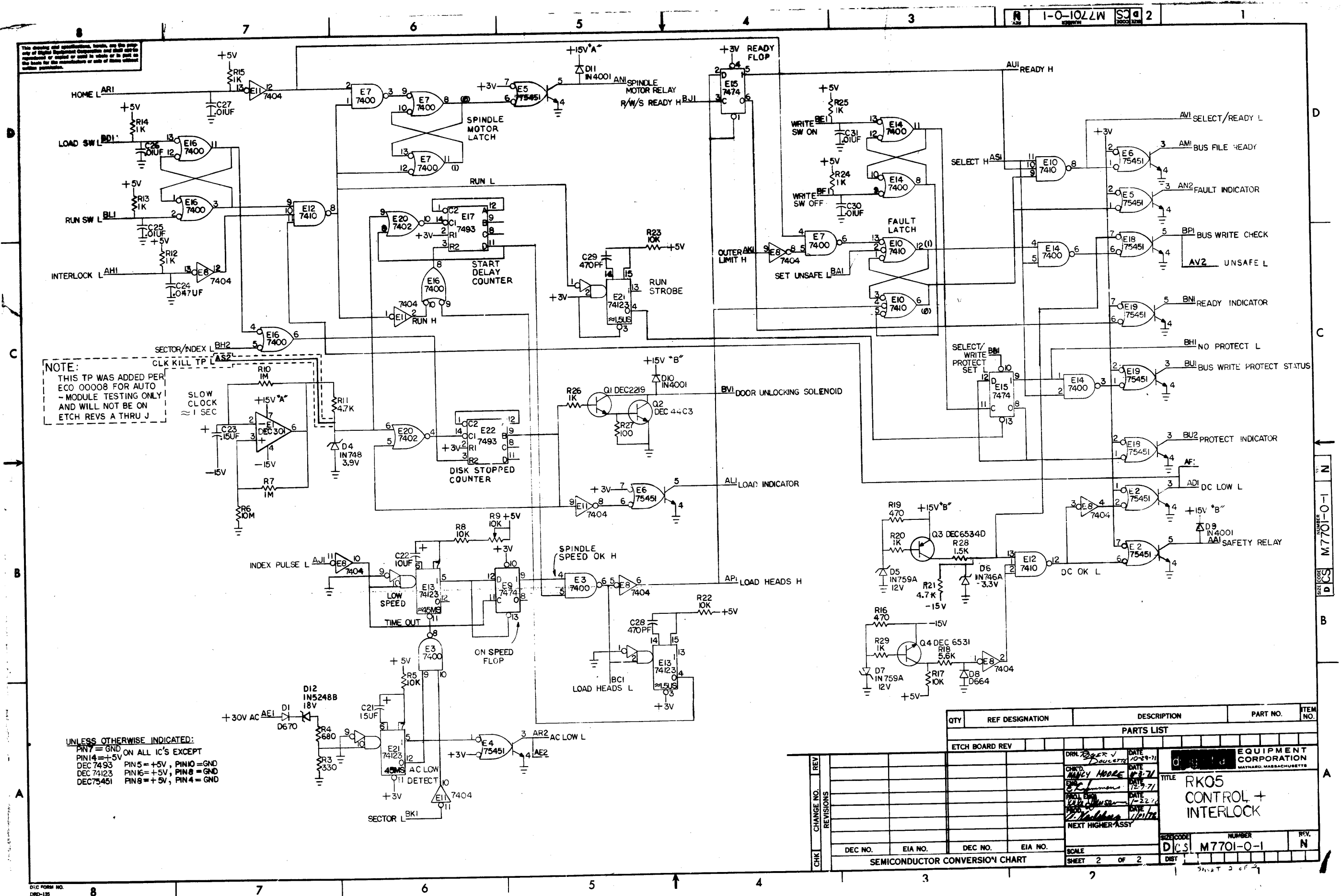
REV	DATE	BY	CHKD	DESCRIPTION
1	4-3-73	D. JENSEN		INITIAL DESIGN
2	4-11-73	D. JENSEN		REVISED FOR M7701-00009
3	5-21-73	D. JENSEN		REVISED FOR M7701-00008
4	6-11-73	D. JENSEN		REVISED FOR M7701-00007
5	7-11-73	D. JENSEN		REVISED FOR M7701-00006
6	8-11-73	D. JENSEN		REVISED FOR M7701-00005
7	9-11-73	D. JENSEN		REVISED FOR M7701-00004
8	10-11-73	D. JENSEN		REVISED FOR M7701-00003
9	11-11-73	D. JENSEN		REVISED FOR M7701-00002
10	12-11-73	D. JENSEN		REVISED FOR M7701-00001

REV	DATE	BY	CHKD	DESCRIPTION
1	4-3-73	D. JENSEN		INITIAL DESIGN
2	4-11-73	D. JENSEN		REVISED FOR M7701-00009
3	5-21-73	D. JENSEN		REVISED FOR M7701-00008
4	6-11-73	D. JENSEN		REVISED FOR M7701-00007
5	7-11-73	D. JENSEN		REVISED FOR M7701-00006
6	8-11-73	D. JENSEN		REVISED FOR M7701-00005
7	9-11-73	D. JENSEN		REVISED FOR M7701-00004
8	10-11-73	D. JENSEN		REVISED FOR M7701-00003
9	11-11-73	D. JENSEN		REVISED FOR M7701-00002
10	12-11-73	D. JENSEN		REVISED FOR M7701-00001

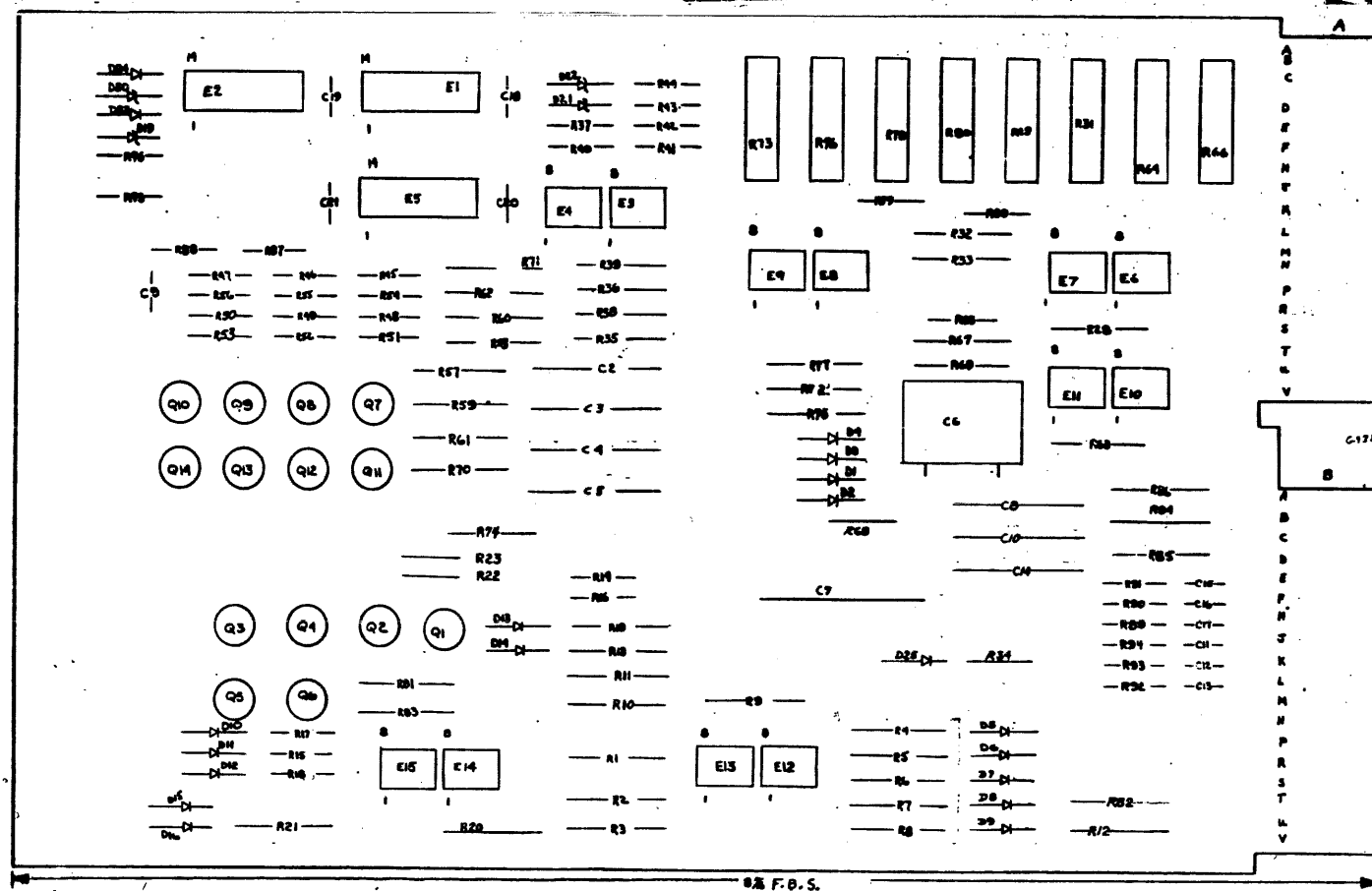
REV	DATE	BY	CHKD	DESCRIPTION
1	4-3-73	D. JENSEN		INITIAL DESIGN
2	4-11-73	D. JENSEN		REVISED FOR M7701-00009
3	5-21-73	D. JENSEN		REVISED FOR M7701-00008
4	6-11-73	D. JENSEN		REVISED FOR M7701-00007
5	7-11-73	D. JENSEN		REVISED FOR M7701-00006
6	8-11-73	D. JENSEN		REVISED FOR M7701-00005
7	9-11-73	D. JENSEN		REVISED FOR M7701-00004
8	10-11-73	D. JENSEN		REVISED FOR M7701-00003
9	11-11-73	D. JENSEN		REVISED FOR M7701-00002
10	12-11-73	D. JENSEN		REVISED FOR M7701-00001

QTY	REF. DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
1	C24	CAP. 0.47UF 16V DISC	1009678	50
1	D12	DIODE IN5248B 18V 50%	1110766	49
1		NOT REP	9005557	48
1		SCREW 4-40 X 5/16	9005010	47
2		HANDLE, FLIP CHIP - MAGENTA	9005337-06	46
4		RYLEST #38L-7	9005732	45
1	R1	I.C. DEC 300	1910282	44
6	R2, 4, 6, 5, 18, 19	I.C. DEC 75451	1910406	43
2	R21, 13	I.C. DEC 74123	1910436	42
2	R22, 17	I.C. DEC 7493	1909054	41
2	R9, 15	I.C. DEC 7494	1905547	40
2	R12, 10	I.C. DEC 7410	1905576	39
2	R11, 8	I.C. DEC 7404	1909686	38
1	R20	I.C. DEC 7402	1909004	37
4	R3, 7, 14, 14	I.C. DEC 7400	1905575	36
1	Q2	TRANSISTOR DEC 4403	1501071	35
1	Q1	TRANSISTOR DEC 6540D	1503499-00	34
1	Q1	TRANSISTOR DEC 2219	1501881	33
1	Q4	TRANSISTOR DEC 6531	1509338	32
1	R9	RES. 10K 1/4W 10% 76FR	1309143-10	31
1	R6	RES. 10K 1/4W 5%	1302666	30
2	R7, 10	RES. 1M 1/4W 5%	1309555	29
1				28
1				27
5	R17, 5, 22, 23, 8	RES. 10K 1/4W 5%	1300479	26
1	R18	RES. 5.6K 1/4W 5%	1301874	25
1	R11, R21	RES. 4.7K 1/4W 5%	1300447	24
1	R4	RES. 600 1/4W 5%	1304473	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				16
2	D6, 7	DIODE 1N759S 12V	1110443	15
1	D4	DIODE 1N748 3.9V	1100121	14
1	D6	DIODE 1N746A 3.3V	1104860	13
3	D9, 10, 11	DIODE 1N4001	1102942	12
1	D1	DIODE D670	1102162	11
1	D8	DIODE D664	1100114	10
2	C28, 29	CAP. 470PF 100V 5% D.N.	1000824	9
1	C23	CAP. .15UF 35V 20% TANT	1002180	8
1	C22	CAP. 10UF 20V 10% TANT	1004913	7
1	C21	CAP. 15UF 20V 10% TANT	1004812	6
25	C1 - 20, 25 - 27, 30, 31	CAP. .01UF 100V 20% DISC	1001610	5
1		ETCHED CIRCUIT BOARD	5009714	4
		MODULE ECO HISTORY	R-M7701-0-6	3
		ASSY/DRILLING HOLE LAYOUT	E-M7701-0-5	2
		X-Y COORDINATE HOLE LOCATION	K-M7701-0-4	1
QTY	REF. DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.

QTY	REF. DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
1	C24	CAP. 0.47UF 16V DISC	1009678	50
1	D12	DIODE IN5248B 18V 50%	1110766	49
1		NOT REP	9005557	48
1		SCREW 4-40 X 5/16	9005010	47
2		HANDLE, FLIP CHIP - MAGENTA	9005337-06	46
4		RYLEST #38L-7	9005732	45
1	R1	I.C. DEC 300	1910282	44
6	R2, 4, 6, 5, 18, 19	I.C. DEC 75451	1910406	43
2	R21, 13	I.C. DEC 74123	1910436	42
2	R22, 17	I.C. DEC 7493	1909054	41
2	R9, 15	I.C. DEC 7494	1905547	40
2	R12, 10	I.C. DEC 7410	1905576	39
2	R11, 8	I.C. DEC 7404	1909686	38
1	R20	I.C. DEC 7402	1909004	37
4	R3, 7, 14, 14	I.C. DEC 7400	1905575	36
1	Q2	TRANSISTOR DEC 4403	1501071	35
1	Q1	TRANSISTOR DEC 6540D	1503499-00	34
1	Q1	TRANSISTOR DEC 2219	1501881	33
1	Q4	TRANSISTOR DEC 6531	1509338	32
1	R9	RES. 10K 1/4W 10% 76FR	1309143-10	31
1	R6	RES. 10K 1/4W 5%	1302666	30
2	R7, 10	RES. 1M 1/4W 5%	1309555	29
1				28
1				27
5	R17, 5, 22, 23, 8	RES. 10K 1/4W 5%	1300479	26
1	R18	RES. 5.6K 1/4W 5%	1301874	25
1	R11, R21	RES. 4.7K 1/4W 5%	1300447	24
1	R4	RES. 600 1/4W 5%	1304473	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				16
2	D6, 7	DIODE 1N759S 12V	1110443	15
1	D4	DIODE 1N748 3.9V	1100121	14
1	D6	DIODE 1N746A 3.3V	1104860	13
3	D9, 10, 11	DIODE 1N4001	1102942	12
1	D1	DIODE D670	1102162	11
1	D8	DIODE D664	1100114	10
2	C28, 29	CAP. 470PF 100V 5% D.N.	1000824	9
1	C23	CAP. .15UF 35V 20% TANT	1002180	8
1	C22	CAP. 10UF 20V 10% TANT	1004913	7
1	C21	CAP. 15UF 20V 10% TANT	1004812	6
25	C1 - 20, 25 - 27, 30, 31	CAP. .01UF 100V 20% DISC	1001610	5
1		ETCHED CIRCUIT BOARD	5009714	4
		MODULE ECO HISTORY	R-M7701-0-6	3
		ASSY/DRILLING HOLE LAYOUT	E-M7701-0-5	2
		X-Y COORDINATE HOLE LOCATION	K-M7701-0-4	1
QTY	REF. DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.



NOTES:



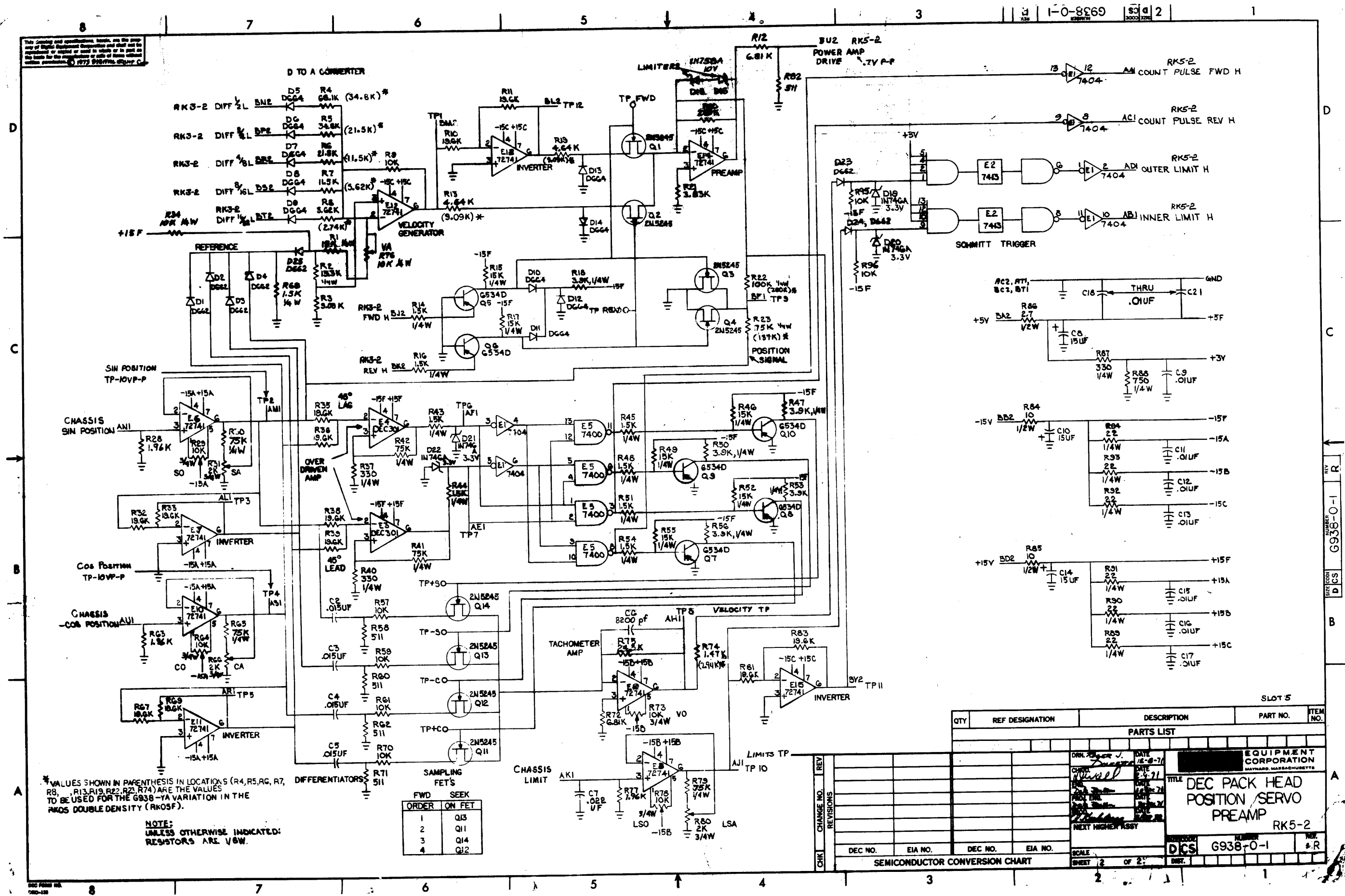
8	8	Q4THRU Q4,Q1,THRUQ4	TRANSISTOR 2N5225	1509681	49	REF	REF	X-Y COORDINATE HOLE LOCATION	K-CO-9338-0-4	1	
6	6	Q5 THRU Q10	TRANSISTOR DEC 65340	1503409-00	50	REF	REF	ASSY/DRILLING HOLE LAYOUT	E-AH-9338-0-5	2	
1	1	E1	I.C. DEC 7904	1909686	51	REF	REF	MODULE ECO HISTORY	B-MH-9338-0-6	3	
1	1	E2	I.C. DEC 7903	1909687	52	1	1	ETCHED CIRCUIT BOARD	5009388	4	
2	2	E3,E4	I.C. DEC 301	1910282	53	4	4	C2,C3,C4,C5	CAR .015 UF 50V 2% POLY CARB	1010646	5
1	1	E5	I.C. DEC 7900	1905575	54	4	1	C6	CAR 8200 PF 100V MICA	1000061	6
10	10	E6 THRU E15	I.C. DEC 72741	1910298	55	1	1	E7	CAR .022 UF 100V 10% MYLAR	1002323	7
4	4		DIODE 656-7	9006732	56	3	3	C8,C9,C14	CAR 15UF 20V 10% S. TANT	1004812	8
2	2		HANDL E, FLIP CHIP GREEN	9008337-Q1	57	11	11	C9,C10,C12,C13,C15 THRU D2	CAR .01UF 100V 20% DISC.	1001610-01	9
A/R	A/R		DIODE 1210244-0	1210244-0	58	7	7	D1 THRU D4,D23 THRU D25	DIODE D662	1100113	10
1	1	R22	RES 200K, 1/4W, 1%	1305336	59	10	10	D5 THRU D14	DIODE D664	1100114	11
1	1	R23	RES 137K, 1/4W, 1%	1305442	60	2	2	D15, D16	DIODE IN75BA 10V	1100125	12
2	2	R13,R19	RES 909K, 1/4W, 1%	1304855	61	4	4	D17 THRU D22	DIODE IN76CA	1104860	13
1	1	R74	RES 294K, 1/4W, 1%	1301981	62	7	7	D26 THRU D27	DIODE IN76CA	1104860	13

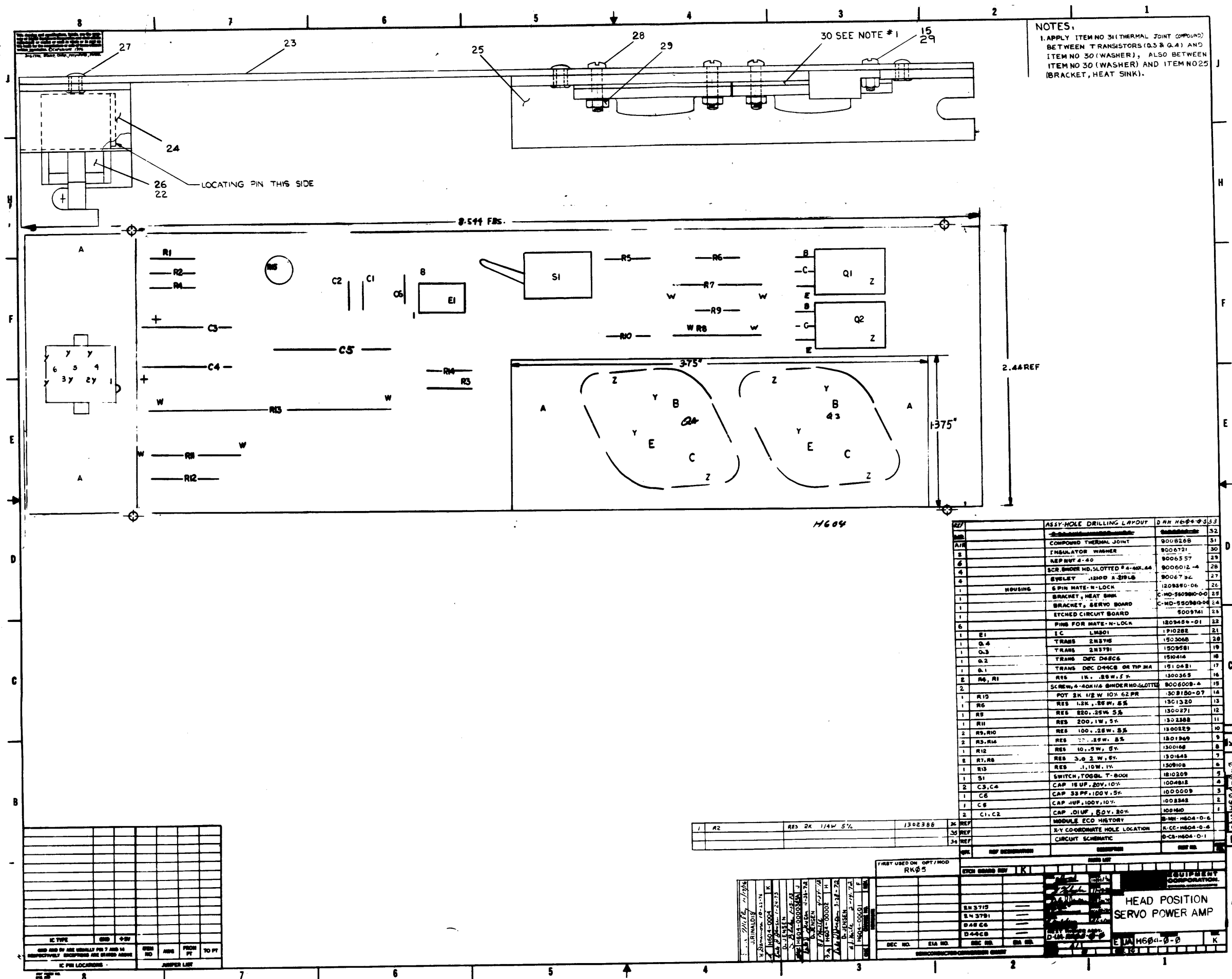
7	7	R1,R15,A17,R16,R19,R52,R53	RES. 15K 1/4 W 5%	1300496	14
1	1	R2	RES. 13.3K 1/4 W 1% MF	1312565	15
1	1	R3	RES. 9.09K 1/16 W 1% MF	1304855	16
1	-	R4	RES. 34.8K 1/8 W 1% MF	1303156	17
-	1	R4	RES. 68.1K 1/8 W 1% MF	1305252	18
+ 1	1	R5	RES. 34.8K 1/8 W 1% MF	1303156	19
1	-	R5	RES. 21.5K 1/8 W 1% MF	1303155	20
1	-	R6	RES. 11.5K 1/8 W 1% MF	1309415	21
-	1	R6	RES. 21.5K 1/8 W 1% MF	1303155	22
1	-	R7	RES. 5.62K 1/8 W 1% MF	1305128	23
-	1	R7	RES. 11.5K 1/8 W 1% MF	1309415	24
1	-	R8	RES. 2.74K 1/8 W 1%	1304868	25
-	1	R8	RES. 5.62K 1/8 W 1%	1305128	26
5	5	R9,R57,R59,R61,R70	RES. 10K 1/8 W 1% MF	1303312	27
12	12	R10,R32,R33,R35,R36,R30, R39,R67,R69,R81,R83	RES. 19.6K 1/8 W 1% MF	1309419	28
2	2	R12, R72	RES. 6.81K 1/8 W 1% MF	1304870	29
-	2	R13, R19	RES. 4.64K 1/8 W 1% MF	1304856	30
9	9	R14,R16,R43,R44,R45,R48, R51,R54,R68	RES. 1.5K 1/4 W 5%	1300391	31
5	5	R18,R47,R50,R53,R56	RES. 3.9K 1/4 W 5%	1300444	32
1	1	R20	RES. 200K 1/8 W 1% MF	1305336	33
1	1	R21	RES. 3.83K 1/8 W 1% MF	1309413	34
-	1	R22	RES. 100K 1/4 W 5%	1302466	35
5	6	R23,R30,R41,R42,R65,R79	RES. 75K 1/4 W 5%	1304841	36
5	5	R24,R49,R73,RX6,R78	POT. 10K 3/4 W 20% 76PR	1309143-10	37
3	3	R31, R66, R80	POT. 2K 3/4 W 10% 76PR	1309143-08	38
3	3	R37, R40, R87	RES. 330 1/4 W 5%	1300295	39
5	5	R58,R60,R62,R71,R82	RES. 511 1/8 W 1% MF	1302411	40
1	1	R75	RES. 24.3K 1/8 W 1% MF	1309418	41
2	2	R84,R85	RES. 10 1/2 W 5%	1300168	42
1	1	R86	RES. 2.7 1/2 W 10%	1309444	43
6	6	R89, THRU R94	RES. 22 1/4 W 5%	1301969	44
1	1	R88	RES. 750 1/4 W 5%	1301401	45
3	3	R20,R63,R77	RES. 1.96K 1/8 W 1% MF	1304833	46
-	1	R74	RES. 147K 1/8 W 1% MF	1306108	47
3	3	R34,R95,R96	RES. 10K 1/4 W 5%	1300479	48

72741	SEE SHT 2
LM301	SEE SMT 2
IC TYPE	GND +5V
GND AND 5V ARE USUALLY PIN 7 AND 14 RESPECTIVELY EXCEPTIONS ARE STATED ABOVE	
IC PIN LOCATIONS	

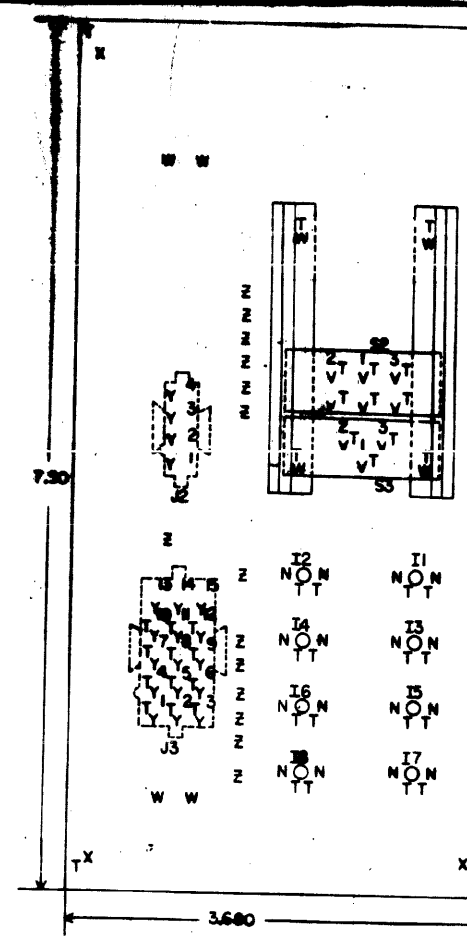
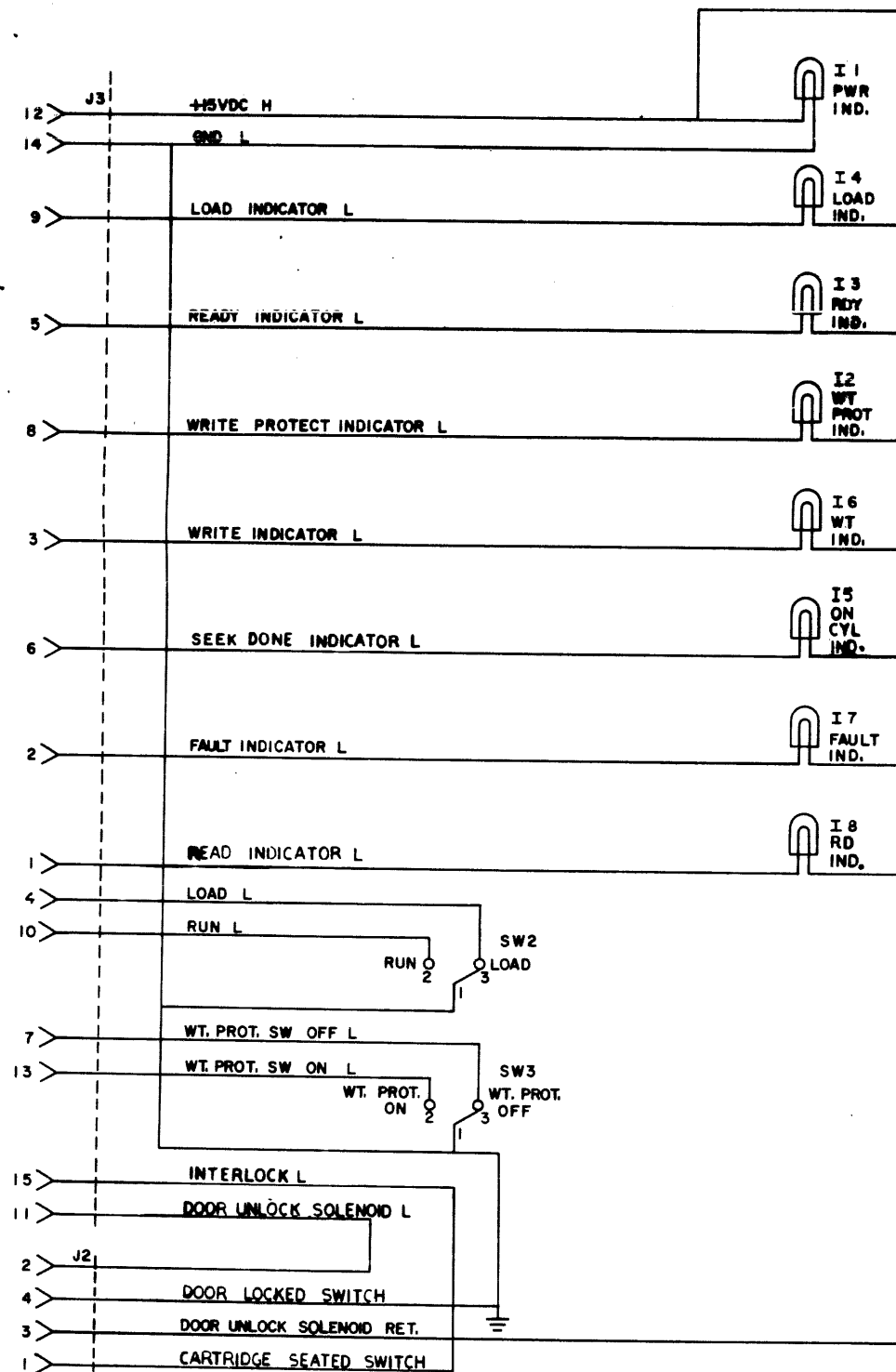
QTY		QTY		REF. DESIGNATION		DESCRIPTION		PART NO.		ITEM NO.	
FIRST USED ON OPTION MODEL				PARTS LIST							
ETCH BOARD REV.				K							
6534D		NONE				DRIN. 2. DOUCETTE		DATE 2-8-71		 TITLE DEC PACK HEAD POSITION SERVO PREAMP RK5-1	
2N5245						CHRG. DEVAL		DATE 2-9-71			
D662		IN645				EVAL. A. JENSEN		DATE 2-30-71			
D664		IN3606				EVAL. A. JENSEN		DATE 2-30-71			
I746A		SAME				EVAL. A. KARLSBERG		DATE 2-3-72			
						NEXT HIGHER ARRY					
DEC NO.		EIA NO.		DEC NO.		EIA NO.		SCALE		REV.	
SEMICONDUCTOR CONVERSION CHART				SHEET 1 OF 2		DGS. 6938-0-1		REV. R			

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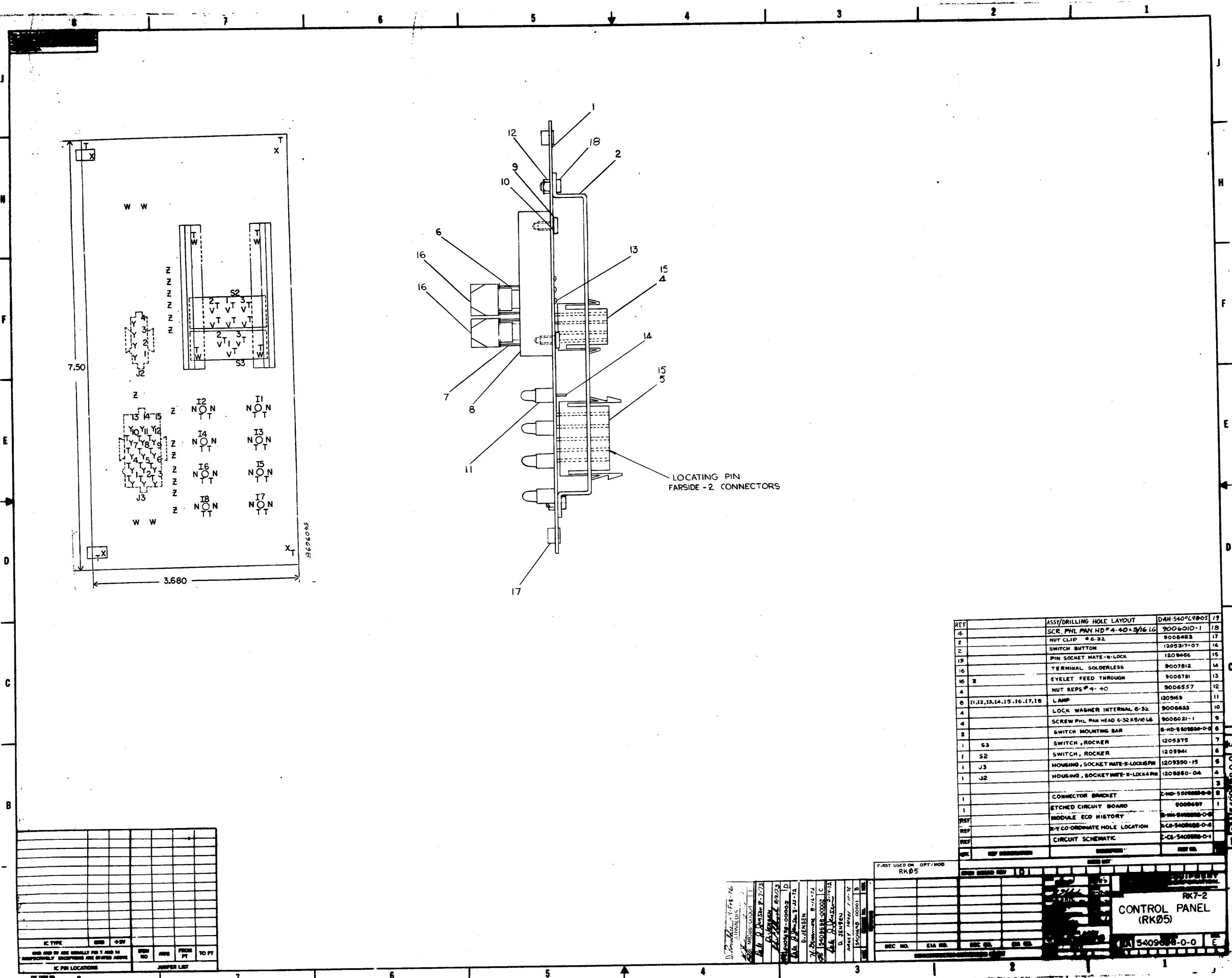
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DRN.	S. COOPER	DATE	11-20-
CHK'D		DATE	11-23-
ENG.	<i>[Signature]</i>	DATE	11-27
PROD.		DATE	

[illegible]

EQUIPMENT CORPORATION

TITLE		RK7-1	
RK05 CONTROL PANEL			
SIZE	CODE	NUMBER	REV
C	CS	5409698-0-1	E



IC TYPE	QTY	REV	DATE	BY	CHKD	APP'D	PT	TO PT
IC PIN LOCATIONS								
JUMPER LIST								

REVISIONS
1. REVISED BY: [Signature]
2. REVISED BY: [Signature]
3. REVISED BY: [Signature]
4. REVISED BY: [Signature]
5. REVISED BY: [Signature]
6. REVISED BY: [Signature]
7. REVISED BY: [Signature]
8. REVISED BY: [Signature]
9. REVISED BY: [Signature]
10. REVISED BY: [Signature]

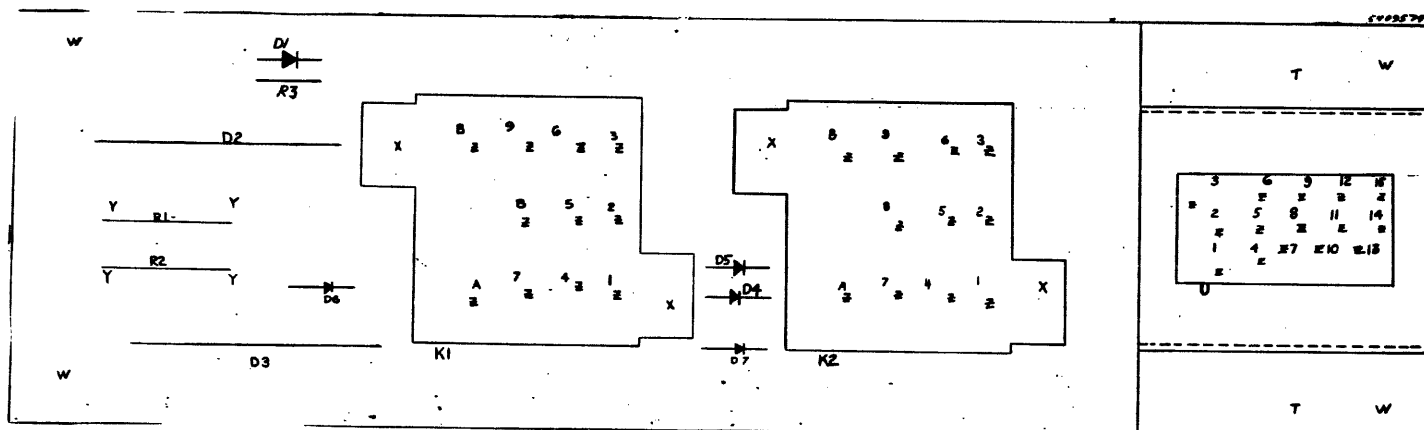
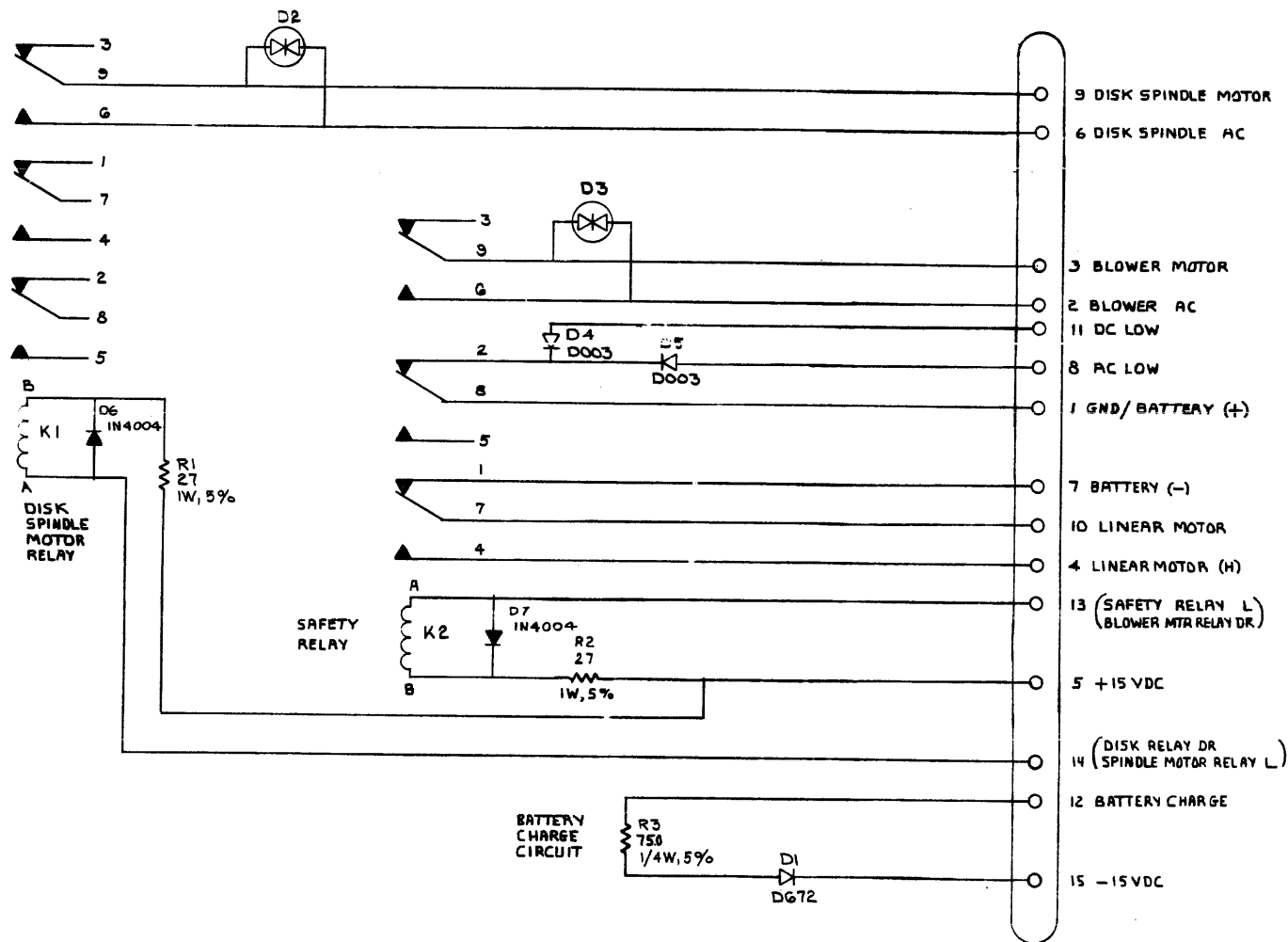
REV	DESCRIPTION	DATE	BY	CHKD
1	INITIAL DESIGN	10/1/76	[Signature]	[Signature]
2	REVISED BY: [Signature]	10/1/76	[Signature]	[Signature]
3	REVISED BY: [Signature]	10/1/76	[Signature]	[Signature]
4	REVISED BY: [Signature]	10/1/76	[Signature]	[Signature]
5	REVISED BY: [Signature]	10/1/76	[Signature]	[Signature]
6	REVISED BY: [Signature]	10/1/76	[Signature]	[Signature]
7	REVISED BY: [Signature]	10/1/76	[Signature]	[Signature]
8	REVISED BY: [Signature]	10/1/76	[Signature]	[Signature]
9	REVISED BY: [Signature]	10/1/76	[Signature]	[Signature]
10	REVISED BY: [Signature]	10/1/76	[Signature]	[Signature]

REF	ASSY/DRILLING HOLE LAYOUT	DWG NO.	REV
1	SCR. PHL PAN HD #4-40 x 3/16 LG	9006010-1	18
2	NUT CLIP #6-32	9008483	17
3	SWITCH BUTTON	1205317-07	16
4	PIN SOCKET MATE-N-LOCK	1208446	15
5	TERMINAL SOLDERLESS	9007812	14
6	EYELET FEED THROUGH	9006781	13
7	NUT REPS #4-40	9006557	12
8	LAMP	1205463	11
9	LOCK WASHER INTERNAL 6-32	9006633	10
10	SCREW PHL PAN HEAD 6-32 X 5/16 LG	9006021-1	9
11	SWITCH MOUNTING BAR	8-HD-800833-0-0	8
12	SWITCH, ROCKER	1205375	7
13	SWITCH, ROCKER	1205941	6
14	HOUSING, SOCKET MATE-N-LOCK 4 PIN	1205350-15	5
15	HOUSING, SOCKET MATE-N-LOCK 4 PIN	1205350-04	4
16	CONNECTOR BRACKET	8-HD-800833-0-0	3
17	ETCHED CIRCUIT BOARD	9006687	1
18	MODULE ECO HISTORY	8-HD-800833-0-0	0
19	X-Y CO-ORDINATE HOLE LOCATION	8-HD-800833-0-0	0
20	CIRCUIT SCHEMATIC	8-HD-800833-0-0	0

CONTROL PANEL
(RK05)

5405608-0-0

- 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



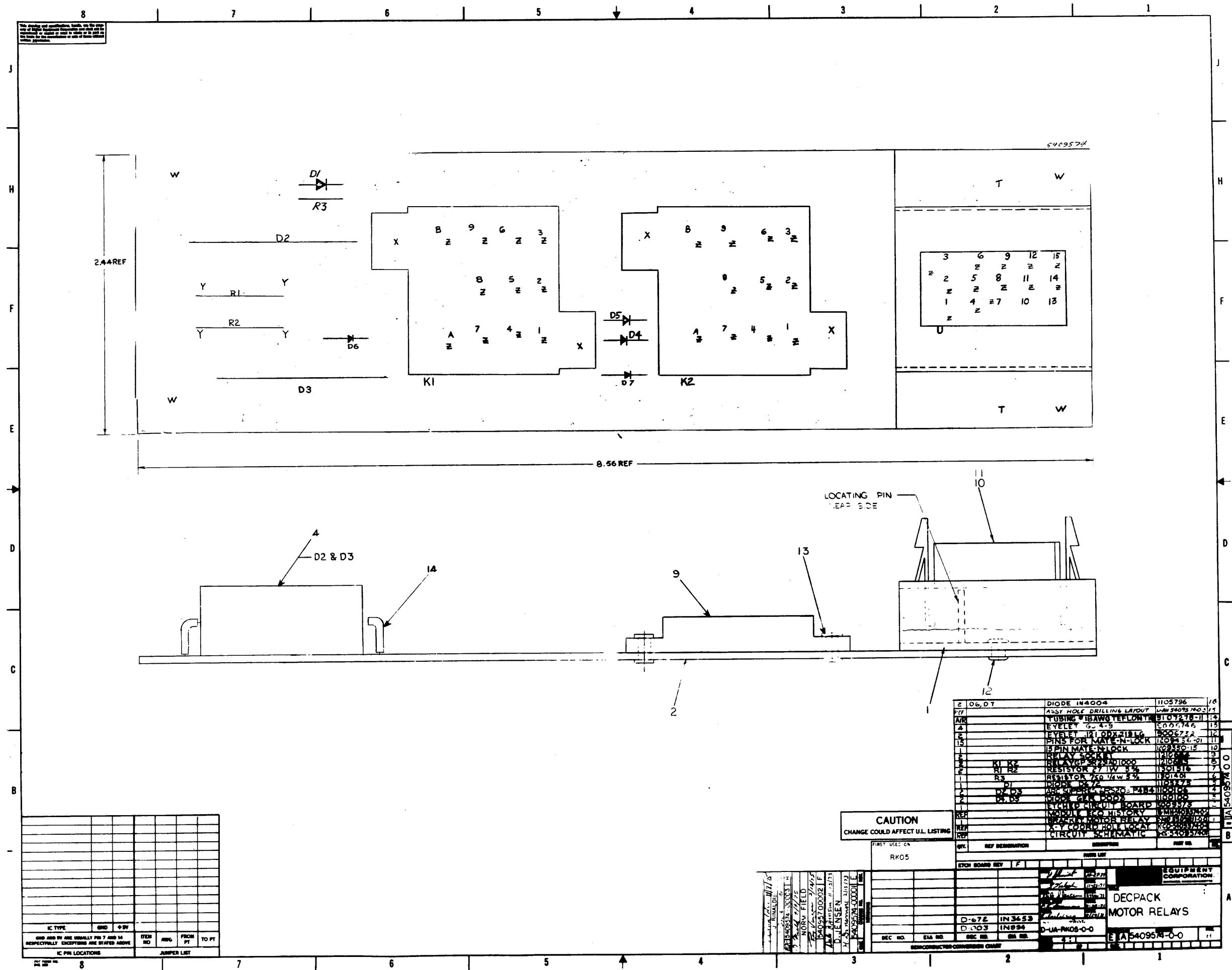
REVISIONS

REV	CHANGE NO.	DESCRIPTION
1	1	INITIAL DIS
2	2	3-100-13
3	3	5409574-00003
4	4	5409574-00003
5	5	5409574-00003
6	6	5409574-00003
7	7	5409574-00003
8	8	5409574-00003
9	9	5409574-00003
10	10	5409574-00003
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99	99	5409574-00003
100	100	5409574-00003

QTY	REF DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST				
1	D003	IN994		
1	D672	IN3653		
ETCH BOARD REV F				
SEMICONDUCTOR CONVERSION CHART				
DEC NO.	EIA NO.	DEC NO.	EIA NO.	

DRN. POWER J	DATE 12-9-71
CHKD. J. JENSEN	DATE 12-9-71
ENG. J. JENSEN	DATE 12-9-71
PROL. ENG. J. JENSEN	DATE 12-9-71
PROD. J. JENSEN	DATE 12-9-71
NEXT HIGHER ASSY	
SCALE	
SHEET	OF
TITLE	
DEC PACK MOTOR RELAYS	
SIZE CODE	NUMBER
D CS	5409574-0-1
DIST.	

5409574-0-1



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INTERFACE CABLE

FILE READY	B08-M1
HEAD SELECT L	B08-M2
WRITE PROTECT STATUS L	B08-P1
ERASE GATE	B08-K1
WRITE CHECK	B08-S2
SEEK INCOMPLETE	B08-M2
R/W/S READY L	B08-L2
WRITE GATE L	B08-H1
STROBE L	B08-J2
SELECT 0 L	B08-T2
ADDRESS INVALID	B08-K2
SELECT 1 L	B08-R2
ADDRESS ACCEPTED L	B08-L2
SELECT 2 L	B08-S1
READ CLOCK	B08-S2
READ DATA	B08-M2
SELECT 3 L	B08-F2
WRITE DATA AND CLOCK L	B08-N2
START 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-R1
READ GATE L	B08-F1
AC LOW	B08-F2
DC LOW	B08-P2
HIGH DENSITY L	

A06-J1	GRN
A06-H1	ORN/BLK
A06-E1	RED/WHT
A06-K1	GRN/BLK
A06-B1	BLK/WHT
A06-F1	ORN
A06-M2	BLU/BLK
A06-C1	RED
A06-A1	BLK
A06-L1	GRN/WHT
A06-T2	BLU/WHT
A06-D1	RED/BLK
A06-M1	BLU
A06-T1	WHT/BLK
A06-R1	WHT
B06-B1	BLK/WHT
B06-E1	RED/WHT
B06-S1	RED/BLK
B06-J1	GRN
B06-H1	ORN/BLK
B06-S1	WHT
B06-F1	ORN
B06-A1	BLK
B06-C1	RED

B06-K1	GRN/BLK
B06-L1	GRN/WHT
B06-T1	WHT/BLK
B06-M1	BLU
B06-N1	BLU/BLK
B06-P1	BLU/WHT
B06-K1	GRN/BLK
B06-L1	GRN/WHT
B06-T1	WHT/BLK
B06-M1	BLU
B06-N1	BLU/BLK
B06-P1	BLU/WHT

DOOR UNLOCK SOLENOID	WHT
CARTRIDGE SEATED	WHT
DOOR LOCKED	GRY/ORN
GRY/RED	GRY/YEL
COS H	GRN
COS L	ORN
SIN H	BLU
SIN L	YEL
LIMIT H	GRY
LIMIT L	BRN
HOMEL	WHT/RED OR WHT
+5 BULB	WHT/BLK OR WHT
GND	

READ IND	1
FAULT IND	2
WRITE IND	3
LOAD SW L	4
READY IND	5
SEEK DONE (ONCYL)	6
WRITE PROT SW OFF	7
WRITE PROT IND	8
LOAD IND	9
RUN SW L	10
DOOR UNLOCK SOLENOID L	11
+15V	12
WRITE PROT SW ON	13
INTERLOCK L	14
GND	15

NOTES:

1. SAFETY RELAY AND BLOWER MTR RELAY DR ARE THE SAME SIGNAL.
2. SPINDLE MOTOR RELAY L AND DISK RELAY DR ARE THE SAME SIGNAL.

LINE CORD
AC INPUT

WHT
GRN
BLK
AC LOW
DC LOW

POWER SUPPLY ASSY, H743

FOR 115V
JUMPER 182 (RED)
324 (WHT)
FOR 230V
JUMPER 283 (RED)

GROUND

BATTERY (+)

BATTERY (-)

BLOWER MOTOR

DISK SPINDLE AC

AC LOW

DISK SPINDLE MOTOR

LINEAR MOTOR H

DC LOW

BATTERY CHARGE

(SPINDLE MTR RELAY L, DISK RELAY DR)

(SAFETY RELAY L, BLOWER MTR RELAY DR)

LINEAR MOTOR L

POWER AMP DRIVE

START DISK SPINDLE MOTOR

LINEAR MOTOR H

LINEAR MOTOR L

POWER AMP DRIVE

START DISK SPINDLE MOTOR

LINEAR MOTOR H

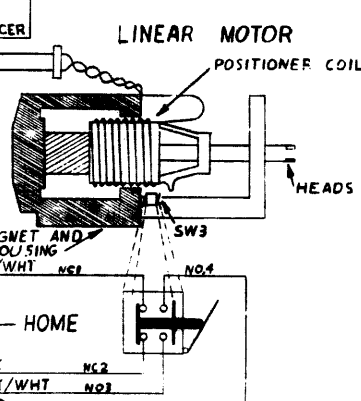
LINEAR MOTOR L

POWER AMP DRIVE

START DISK SPINDLE MOTOR

MOTOR RELAY BOARD
5409474

POWER AMPLIFIER BOARD
H604



FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
RK05				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES				
DECIMALS	ANGLES			
.XXX - .005	10° 30'			
.XX - .002				
.X - .01				
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY				
MATERIAL				
NEXT HIGHER ASSY.				
B-DD - RK05-7				
FINISH				
SCALE NONE				
SHEET OF				
DIST.				
PARTS LIST				
EQUIPMENT CORPORATION MAYLAND MASSACHUSETTS				
TITLE CHASSIS WIRING RK05				
SIZE CODE D				
NUMBER 1				
REV 3				

REVISIONS		
CHK	CHANGE NO.	REV
AK	RK05-00032	A
B. D. Jensen 2-23-73		
D. JENSEN		
B. D. Jensen 3-6-73		
PPH	RK05-00034	B
B. D. Jensen 7-3-73		
D. JENSEN		
B. D. Jensen 4-5-73		

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-H743-1 SHEET #1 ONLY

- D-CS-H743-1

• 8-1A-5409503-0-0

D-5409503-0-1

~ B-1A-5409484-0-0

- DCS-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-~~0~~
A-PI-3700130-0-0

UNIT VARIATIONS

PRINT SET TYPE

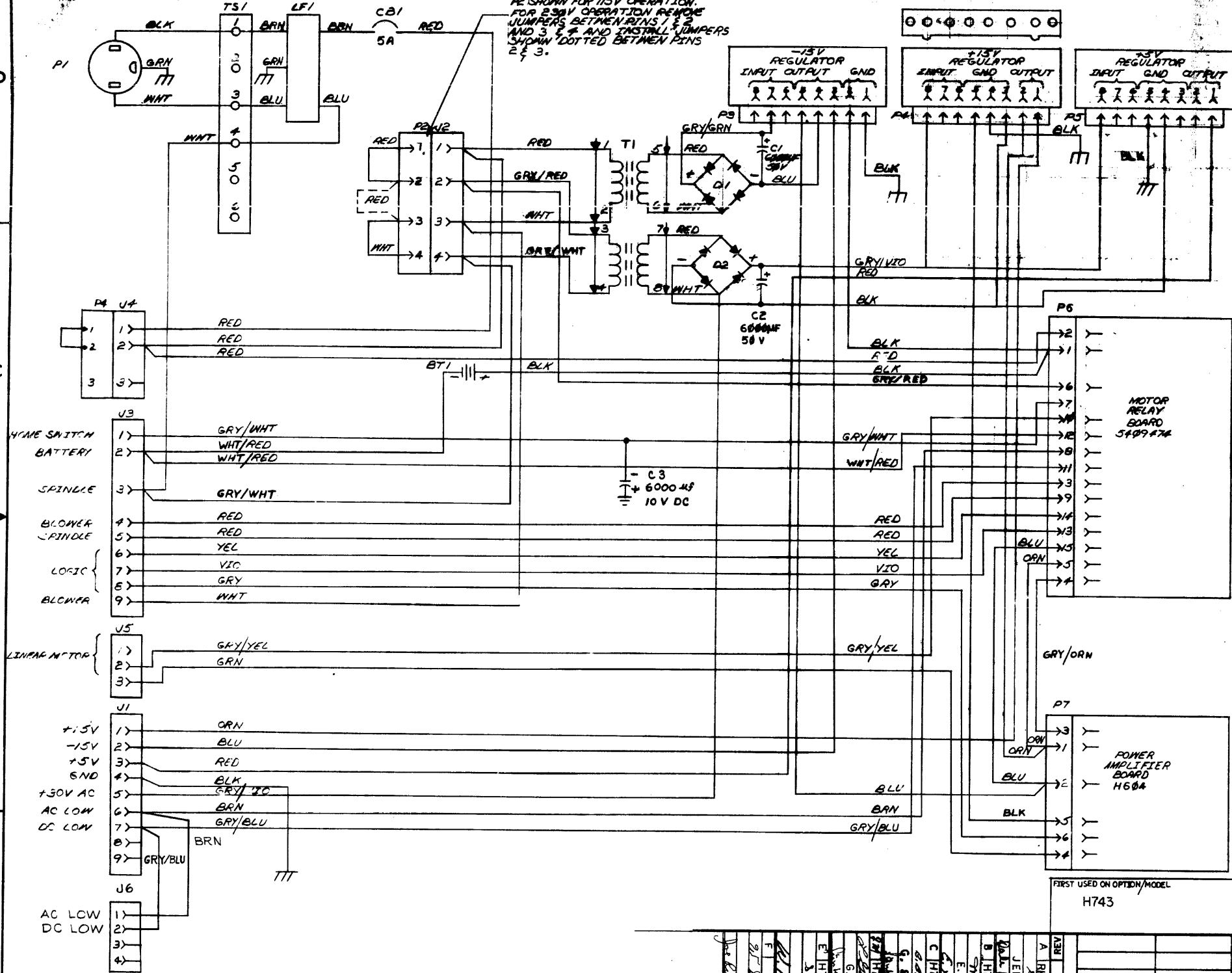
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REVISIONS		CHG. NO.		REV
DATE	8/72	RK05-19	A	
	8-72	H743-1	B	
	8-72	H743-2	C	
	8-72	H743-3	D	
	8-72	H743-4	E	
	8-72	H743-5	F	
	8-72	H743-6	H	
	8-72	H743-7	J	
	8-72	H743-10	K	
	8-72	H743-11	L	
	8-72	H743-12	M	
	8-72	H743-13	N	
	8-72	H743-14	P	
	8-72	H743-15	R	
	8-72	H743-16	S	
	8-72	H743-17	T	

USED ON OPTION/MODEL		DRN.	DATE	TITLE			
RK05		J. FLEMING	12/6/71	POWER SUPPLY (H743)			
		CHK'D.	DATE				
		PROJ ENG.	DATE				
		PROD.	DATE				
		FIELD SERV.	DATE				
SHEET 1 OF 3			DIST	6			

SIZE	CODE	NUMBER	REV
B	DD	H743-6	T

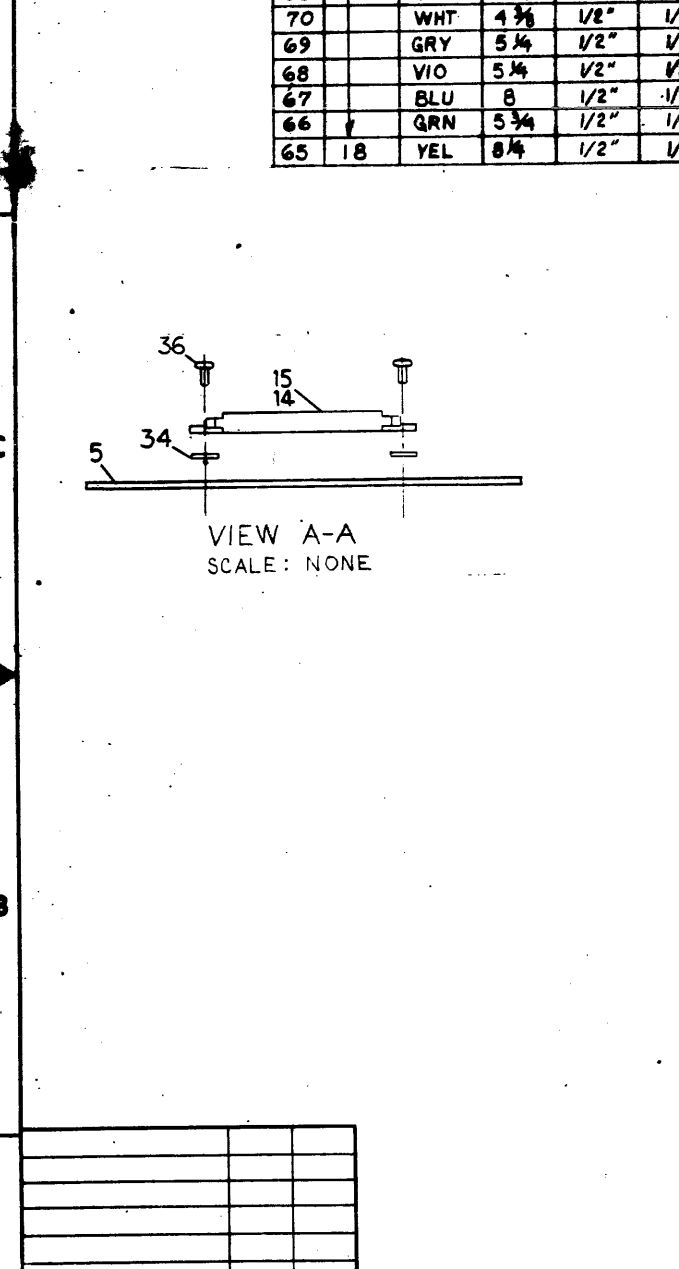
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1	P1	POWER CORD 230V	1700016-09	22
1	C3	CAP 6000µF 10 VDC	1010704	21
1	P4	JUMPER AC-11	B-1A-7008729-30	20
1	P2	JUMPER 230V	B-1A-7008729-20	19
1	P2	JUMPER 115V	B-1A-7008729-10	18
3	P3, P4, P5	CONN, MATE-N-LOCK, 8 PIN	1209340-01	17
1	TS1	TERMINAL STRIP (6POS)	8006906	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, 16 PIN	1209351-15	12
1		+5V REGULATOR	E-1A-5409503-00	11
2		±15V REGULATOR	E-1A-5409484-00	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, 5 PIN	1209350-05	5
1	LF1	LINE FILTER	1212877-01	4
2	C1, C2	CAP 6000µF, 50V	1010510	3
2	D1, D2	RECTIFIER (M-DABBO-S)	1110051	2
1	CB1	CIRCUIT BREAKER 5A	1809285	1

EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
TITLE CIRCUIT SCHEMATIC H743	
NEXT HIGHER ASSY B-DD-H743-0	
SCALE 1/16"	
SHEET 1 OF 1	
DATE 11/1/73	
BY [Signature]	
CHK [Signature]	
REV [Signature]	
DEC NO. EIA NO. DEC NO. EIA NO.	
SEMICONDUCTOR CONVERSION CHART	

This clearing and agricultural, forest, and the presence of the forest management department and shall not be considered as a source of water or shall be in part of the forest. The same shall be used for the same within the same generation. 1975



- | WIRE TABLE | | | | | | | EXTERNAL COMPONENTS | | | | | |
|------------|-----|-------|-------------------|----------------|----------------|-----------------------------|---------------------|---------|-------------------|------|---------------------|------------|
| ITEM NO. | AWG | COLOR | LENGTH IN. ± 1/8" | STRIP LENGTH-X | STRIP LENGTH-Y | CONNECTIONS FROM TO | ITEM NO. | LENGTH | DESCRIPTION | POL. | CONNECTIONS FROM TO | POL. |
| 42 | — | BLK | 2 1/4 | — | 1/2" | L1 CATHODE D2 = LUG | 45 | NOTE #2 | RES. 100 OHMS ± | | Q5-E | Q5-B |
| 48 | — | BLK | 2 1/4 | — | 1/2" | L1 R21-T2 | 46 | NOTE #3 | CAR 100K SQUARE + | | Q5-E | Q5 = LUG - |
| 68 | 18 | VIO | 2 1/4 | 1/2" | 1/2" | Q5-C CATHODE D3 = LUG | | | | | | |
| 66 | | GRN | 4 1/4 | 1/2" | 1/2" | D2 ANODE D3 = LUG | | | | | | |
| 65 | | YEL | 4 1/4 | 1/2" | 1/2" | D3 CATHODE R21-T1 | | | | | | |
| 70 | | WHT | 4 3/4 | 1/2" | 1/2" | SPLIT LUG #1 Q5-E | | | | | | |
| 69 | | GRY | 5 1/4 | 1/2" | 1/2" | SPLIT LUG #2 Q5-B | | | | | | |
| 68 | | VIO | 5 1/4 | 1/2" | 1/2" | SPLIT LUG #3 Q5-C | | | | | | |
| 67 | | BLU | 8 | 1/2" | 1/2" | SPLIT LUG #4 R21-T2 | | | | | | |
| 66 | | GRN | 5 3/4 | 1/2" | 1/2" | SPLIT LUG #6 ANODE D3 = LUG | | | | | | |
| 65 | 18 | YEL | 8 1/4 | 1/2" | 1/2" | SPLIT LUG #8 R21-T1 | | | | | | |

SEE NOTE # 5

IC TYPE	GND	+5V

GND AND 5V ARE USUALLY PIN 7 AND 14
RESPECTIVELY EXCEPTIONS ARE STATED ABOVE

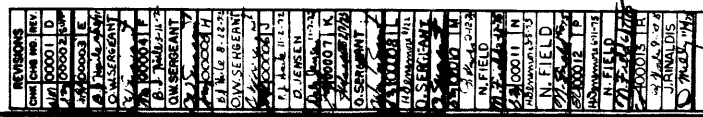
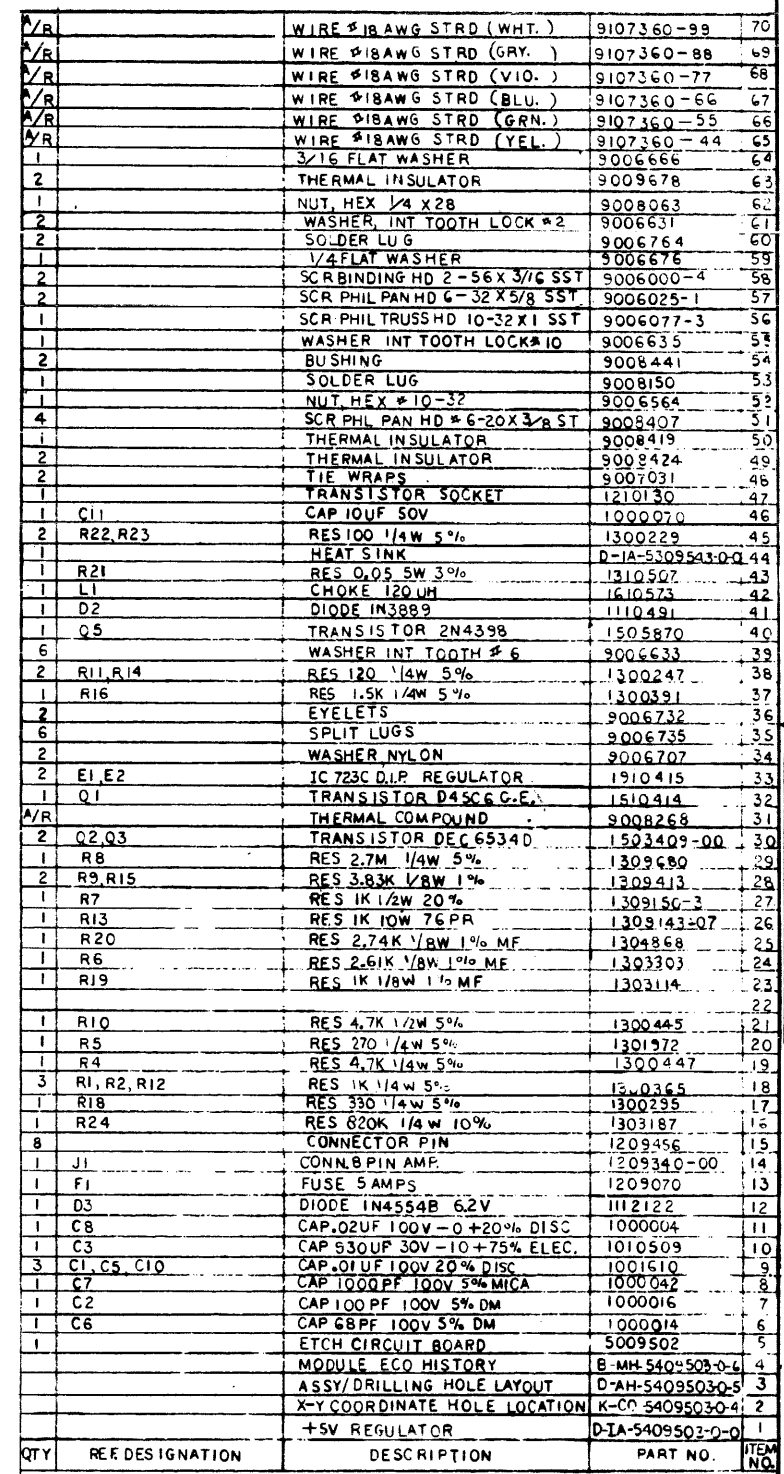
63

A
↑

65-70
A
↑

60(2)

SIZE	CODE	CS	5409503--0-1	REV
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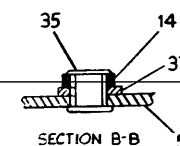
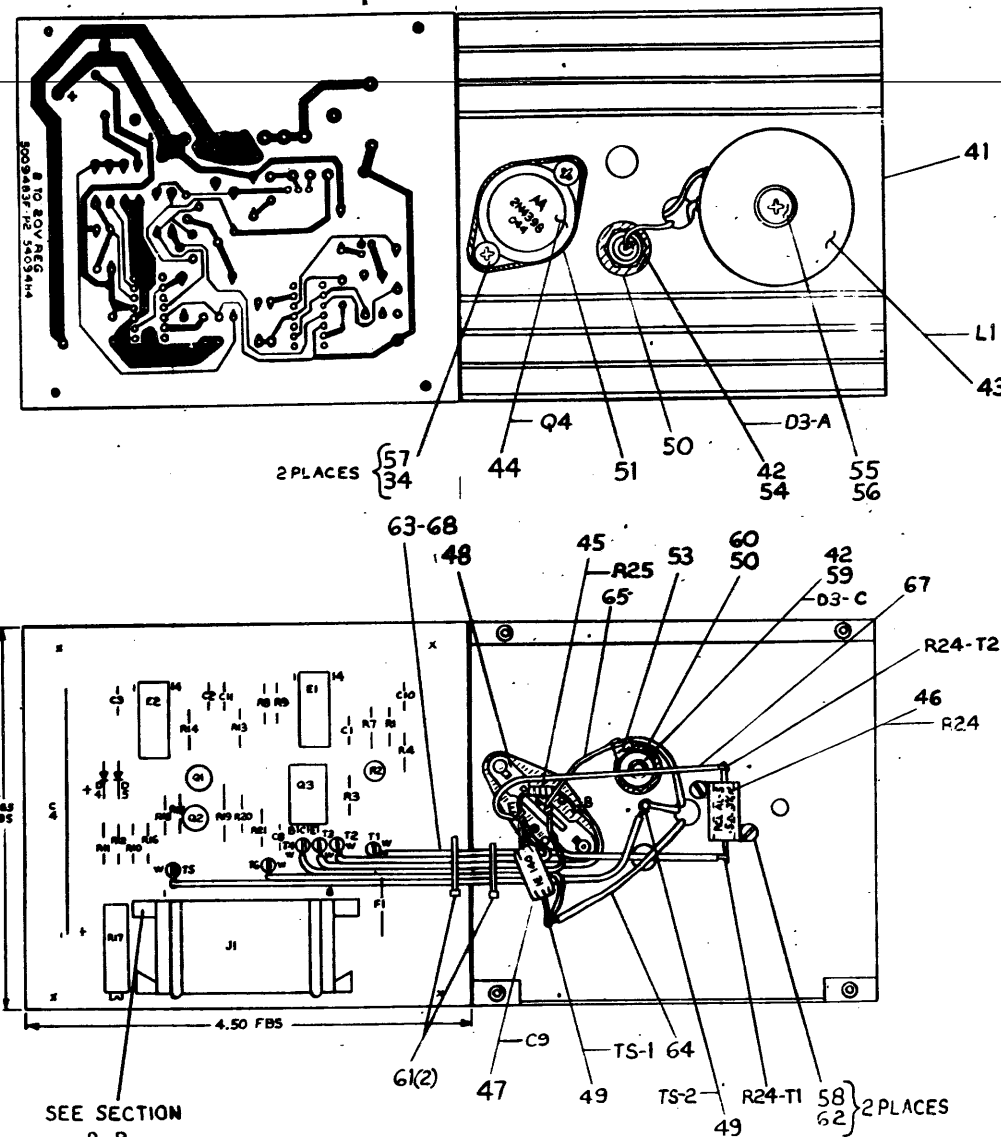


PARTS LIST

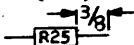
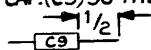
TRANSISTOR & DIODE CONVERSION CHART				TITLE				
DEC	EIA	DEC	EIA	#5 VOLT REGULATOR				
IN 234C	2N234A	IN 92A	2N92A	EQUIPMENT CORPORATION CORPORATION NEW YORK, NEW YORK 10017-1099				
D 302C	1N302A	IN 369	1N369					
IN 44A	2N44A							
2N44A								
				Size D	Case CS	Part # 540R503-C-1	Rev R	
				PRINTED CIRCUIT REV.				

WIRE TABLE							EXTERNAL COMPONENTS						
ITEM NO.	DESCRIPTION	LENGTH INCHES ± 1/8"	STRIP LENGTH X	STRIP LENGTH Y	CONNECTIONS		ITEM NO.	LENGTH	DESCRIPTION	POL	CONNECTIONS		POL
					FROM	TO					FROM	TO	
43	—	BLK	2 1/8	—	1/2	L1	03-102	45	SEE NOTE 2	RES 100Ω 1/4W 5%		Q4-E	Q4-B
43	—	BLK	2 1/8	—	1/2	L1	TS-2	47	SEE NOTE 3	CAP 10UF 50V 10%	+	Q4-E	TS-1
63	18	BLU	2 1/4	1/2	1/2	Q4-C	03-102						
67	18	GRY	3 5/8	1/2	1/2	Q4-E	R24-T2						
64	18	GRN	4 1/2	1/2	1/2	03-ANODE	TS-1						
68	18	WHT	5 7/8	1/2	1/2	SPLIT WIRE	R24-T1						
67	18	GRY	4 7/8	1/2	1/2		*2 Q4-E	SEE NOTE 5					
66	18	VIO	5 1/8	1/2	1/2		*3 Q4-B						
65	18	BLU	5 1/8	1/2	1/2		*4 Q4-C						
64	18	GRN	5 1/2	1/2	1/2		*5 TS-1						
63	18	YEL	6 7/8	1/2	1/2	SPLIT WIRE	TS-2						

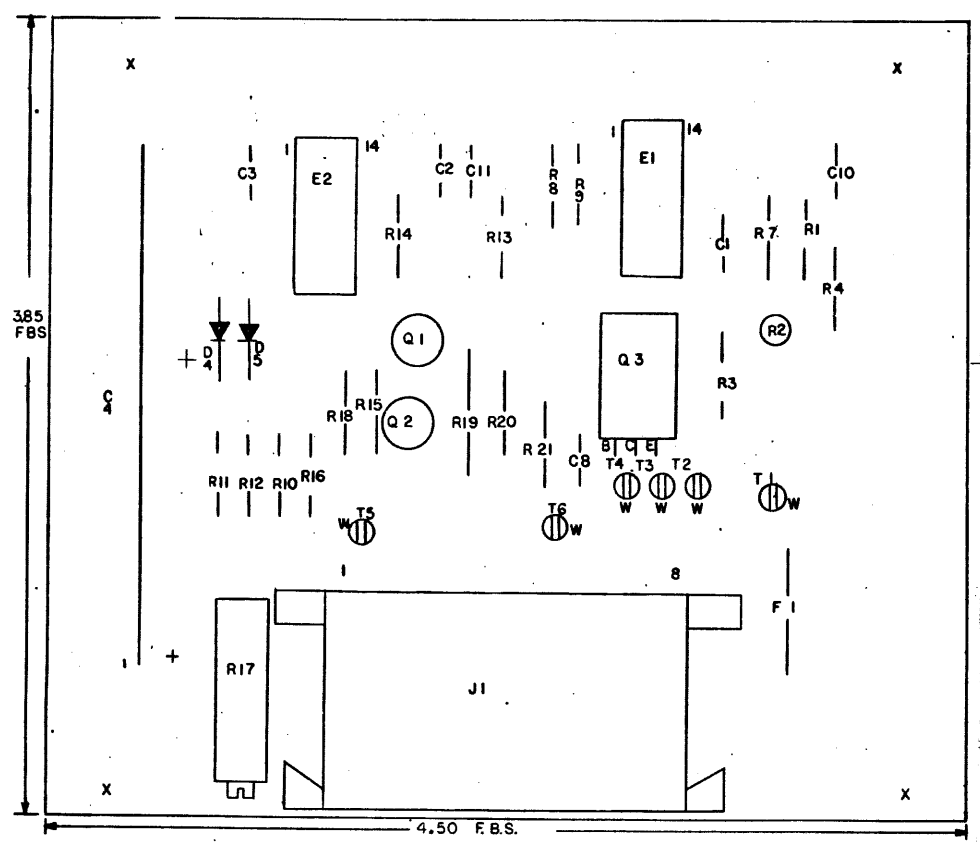
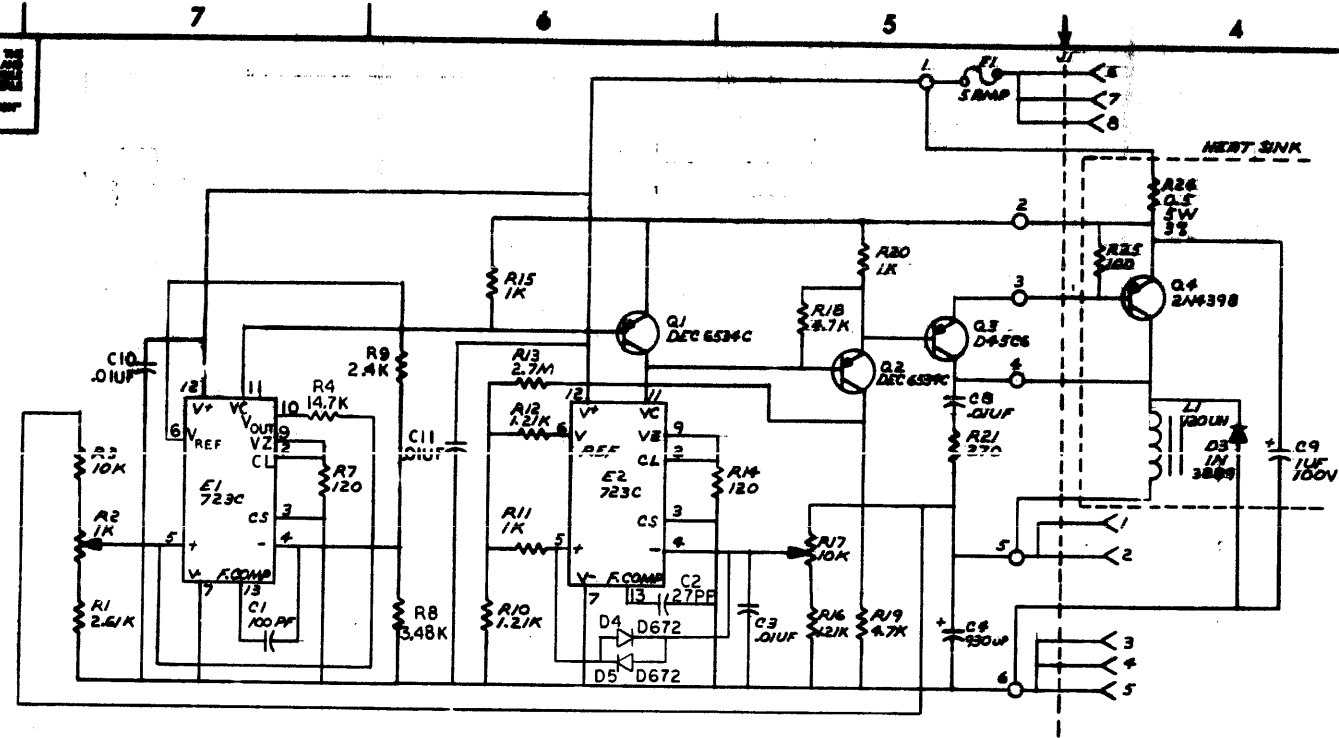
SEE NOTE 5



NOTES:

1. R17 IS USED FOR OUTPUT VOLTAGE ADJUSTMENT. R12 IS USED FOR OUTPUT POWER ADJUSTMENT.
2. CUT LEADS OF RES. (R25) SO THERE IS $\frac{3}{8}$ " OF A LEAD LEFT AT BOTH ENDS. 
3. CUT LEADS OF CAP.(C9) SO THERE IS $\frac{1}{2}$ " 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				
		DRWL T. QUILLIN DATE 7 SEP 71	EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS	
		CHW'D J. FLEMING DATE 8 SEP 71	TITLE	
		ENG P. SVENDSEN DATE 8 SEP 71	8. TO 20V	
		PRAT. ENG P. SVENDSEN DATE 8 SEP 71	REGULATOR	
		PROD. P. FAZIO DATE 9 OCT 71		
		NEXT HIGHER ASSY D-UA-H737-0-0		
DEC NO.	EIA NO.	GRN CODE D IA	NUMBER 5409454-0-0.	REV. K
CONVERSION CHART				
SCALE NONE				
SHEET OF 1				



4	WASHER, LOCK SPRING	9007801	69
A/A	WIRE #18 AWG STRD (WHT)	9107360-99	18
A/A	WIRE #18 AWG STRD (GRY)	9107360-88	17
A/A	WIRE #18 AWG STRD (VIO)	9107360-77	16
A/A	WIRE #18 AWG STRD (BLU)	9107360-66	15
A/A	WIRE #18 AWG STRD (GRN)	9107360-55	14
A/A	WIRE #18 AWG STRD (YEL)	9107360-44	13
2	#2 INTERNAL LOCK WASHER	9006631	62
2	TIE WRAPS	9007031	61
1	WASHER, FLAT 3/16	9006666	60
1	*10-32 HEX NUT	9006564	59
2	2/56 X 3/16" SCREW	9006000-4	58
2	6/32 X 5/8" PAN HD SCREW	9006025-1	57
1	10-32 X 1" TRUSS HD SCREW	9006077-3	56
1	*90 INTERNAL LOCK WASHER	9006635	55
1	BUSHING (DIODE)	9008941	54
1	SOLDER LUG	9008150	53
4	*6-20 X 3/8 SELF TAPPING SCREW	9008407-01	52
1	THERMAL INSULATOR	9008919	51
2	THERMAL INSULATOR	9008424	50
2	TS-1, TS-2	9009060	49
1	TRANSISTOR SOCKET	1210130	48
1	CAP 1UF 100V	1005507	47
1	RES. 0.5 3% 5W	1310508	46
1	RES. 100 5% 1/4W	1300229	45
1	TRANSISTOR 2N4398	1505870	44
1	120UH CHOK	1610573	43
1	DIODE 1N3889	1110491	42
1	HEAT SINK	D-2A-3309543-0-0	41
6	SPLIT LUGS	9006735	40
A/A	THERMAL COMPOUND	9008268	39
1	FUSE 5 AMPS	1209070	38
2	WASHER NYLON	9006707	37
8	CONNECTOR PINS	1209456	36
2	EYELET	9006732	35
2	WASHER INT TOOTH #6	9006633	34
2	E1,2	1910415	33
1	Q3	1510414	32
2	Q1,2	1503409-02	31
1	R2,1	1301972	30
1	R1,9	1300445	29
1	R18	1300447	28
1	R17	1309143-10	27
1	R13	1309680	26
3	R11,15,20	1300365	25
3	R10,12,16	1302871	24
1	R8	1305114	23
2	R7,14	1300247	22
1	R9	1303177	21
1	R4	1302941	20
1	R3	1303912	19
1	R2	1309150-03	18
1	R1	1303303	17
1	J1	1209340-00	16
2	D4,D5	1105275	15
1	C4	1005509	14
4	C3, 8,10,11	1006410	13
1	E2	1001739	12
1	E1	1000016	11
1	ETCHED CIRCUIT BOARD	5009483	10
1	MODULE ECO HISTORY	B-MH-3009484-0-6	9
1	ASSY DRILLING HOLE LAYOUT	B-MH-3401484-0-5	8
1	X-Y COORDINATE HOLE LOCATION	K-20-5409484-0-4	7
1	B TO 20 V REGULATOR	5409484-0-0	6
1	REV. K		5

REV.	CHANGE NO.	DATE	BY	CHK
1	00005	5-19-75	J. RINALDIS	
2		7-14-75	J. RINALDIS	
3		11-14-75	J. RINALDIS	

8 TO 20V REGULATOR	DCS 5409484-0-1	REV. K
SCALE	SHEET 1 OF 1	DIST. F

K-WL-RK05-0-3

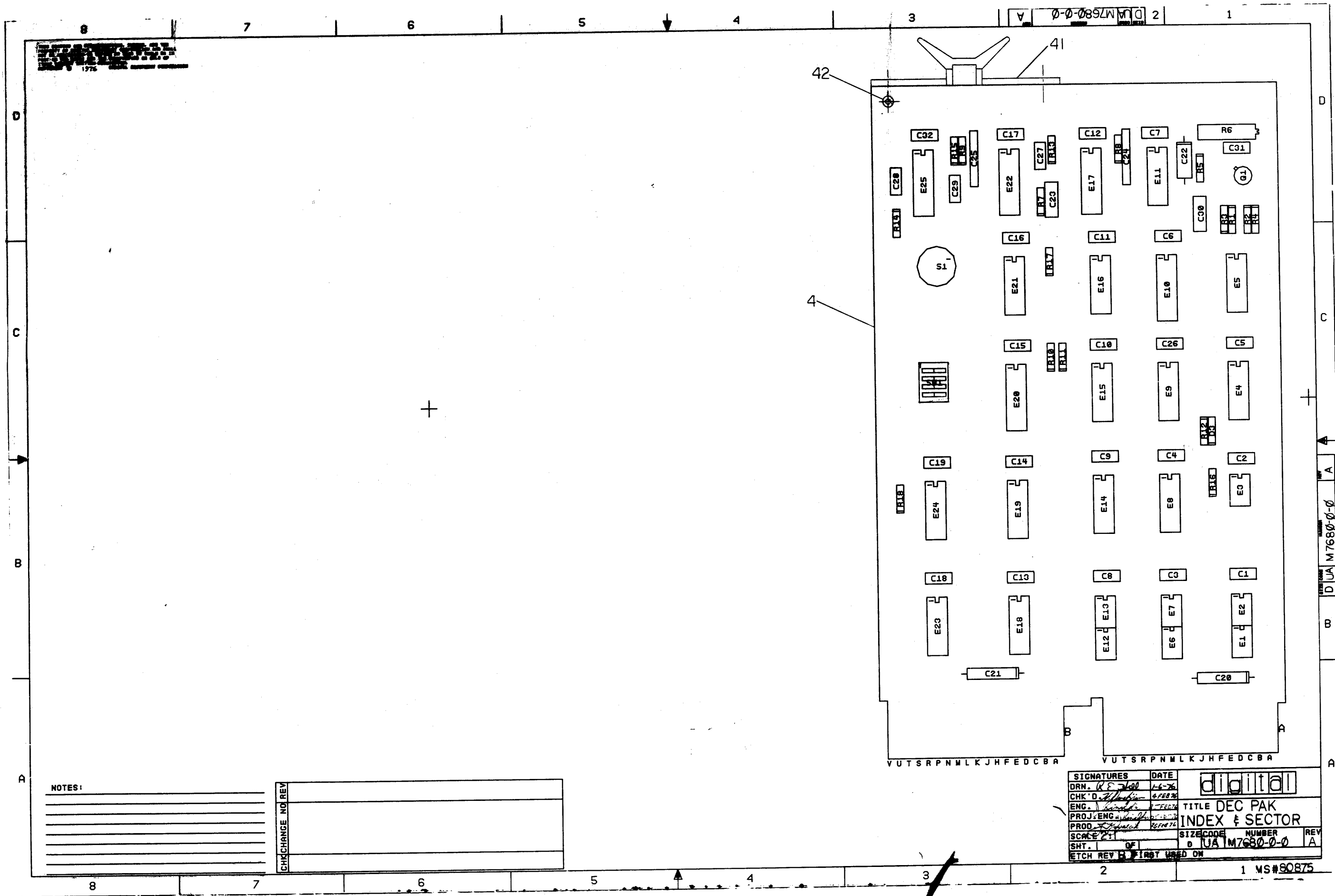
C

DRAWN RE Hellen	DATE 11/8/71	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	TITLE WIRE LIST (RK05)			
CHECKED [Signature]	DATE 11-7-71		FOR TAPE* FILE*			
ENG [Signature]	DATE 24 Nov 71					
PROJ ENG [Signature]	DATE 11-24-71					
PROD [Signature]	DATE 11/29/71	ASSY NO D-AD-7008696-0-0	SIZE K	CODE WL	DWG. NO. RK05-0-3	REV LTR C
SCALE NONE		SHEET 1 OF 1	DIST.			

[illegible]

WK05.C	WRP288.V34(62)-1				31-JUL-75		2-JUN-76				8150		PAGE 5		
RUN NAME	A/P	PTN NAME	ORDER PIN	BAY - ORDER	Q	DRAW	RV	RG	Y	X	Z	REMARKS	NC FLAG	LENGTH EXCEPTIONS	RUN NUMBER
							OPT								
GND 06		A06C2		1-01 *							1			2-1/8	47
GND 06		A06T1		1-02 *							2			1-5/8	47
GND 06		R06C2		1-03 *				D05-9			1			0-4/8	47
GND 06		R06C1		1-04 *				D05-9			2			0-4/8	47
GND 06		R06E1		1-05 *				D05-9			1			0-5/8	47
GND 06		R06J1		1-06 *				D05-9			2			1-4/8	47
GND 06		R06T1		1-07 *				D05-9			1			0-1/8	47
GND 06		R06S1		1-08 *				D05-9							47
GND 06				1										7-0/8	47
GND 07		A07R2		1-01 *							1			0-1/8	48
GND 07		A07C2		1-02 *							2			1-5/8	48
GND 07		A07N1		1-03 *							1			0-1/8	48
GND 07		A07P1		1-04 *							2			0-1/8	48
GND 07		A07R1		1-05 *							1			0-1/8	48
GND 07		A07S1		1-06 *							2			0-1/8	48
GND 07		A07T1		1-07 *							1			0-4/8	48
GND 07		A07V1		1-08 *							2			1-3/8	48
GND 07		R07R2		1-09 *							1			0-1/8	48
GND 07		R07C2		1-10 *							2			0-1/8	48
GND 07		R07D1		1-11 *							1			0-1/8	48
GND 07		R07E1		1-12 *							2			1-7/8	48
GND 07		R07T1		1-13 *							1			0-4/8	48
GND 07		R07V2		1-14 *											48
GND 07				1										6-7/8	48
GND 08		A08R2		1-01 *							1			0-1/8	49
GND 08		A08C2		1-02 *							2			1-5/8	49
GND 08		A08N1		1-03 *							1			0-1/8	49
GND 08		A08P1		1-04 *							2			0-1/8	49
GND 08		A08R1		1-05 *							1			0-1/8	49
GND 08		A08S1		1-06 *							2			0-1/8	49
GND 08		A08T1		1-07 *							1			0-4/8	49
GND 08		A08V1		1-08 *							2			1-3/8	49
GND 08		R08R2		1-09 *							1			0-1/8	49
GND 08		R08C2		1-10 *							2			0-1/8	49
GND 08		R08D1		1-11 *							1			0-1/8	49
GND 08		R08E1		1-12 *							2			1-7/8	49
GND 08		R08T1		1-13 *							1			0-4/8	49
GND 08		R08V2		1-14 *											49
GND 08				1										6-7/8	49
GOOD STROBE	L	R02E1		1-01 *				D05-5			1			1-1/8	50
GOOD STROBE	L	R03D1		1-02 *				D05-5							50
GOOD STROBE	L			1										1-1/8	50
HEAD SELECT	L	A01P1		1-01 *				D05-1			1			5-2/8	51
HEAD SELECT	L	R07M2		1-02 *				D05-1			2			1	51
HEAD SELECT	L	R08M2		1-03 *				D05-1							51
HEAD SELECT	L			1										6-2/8	51
HIGH DENSITY	L	A01R2		1-01 *				D05-4			1			4-3/8	52
HIGH DENSITY	L	R07P2		1-02 *				D05-4			2			1	52
HIGH DENSITY	L	R08P2		1-03 *				D05-4							52
HIGH DENSITY	L			1										5-3/8	52

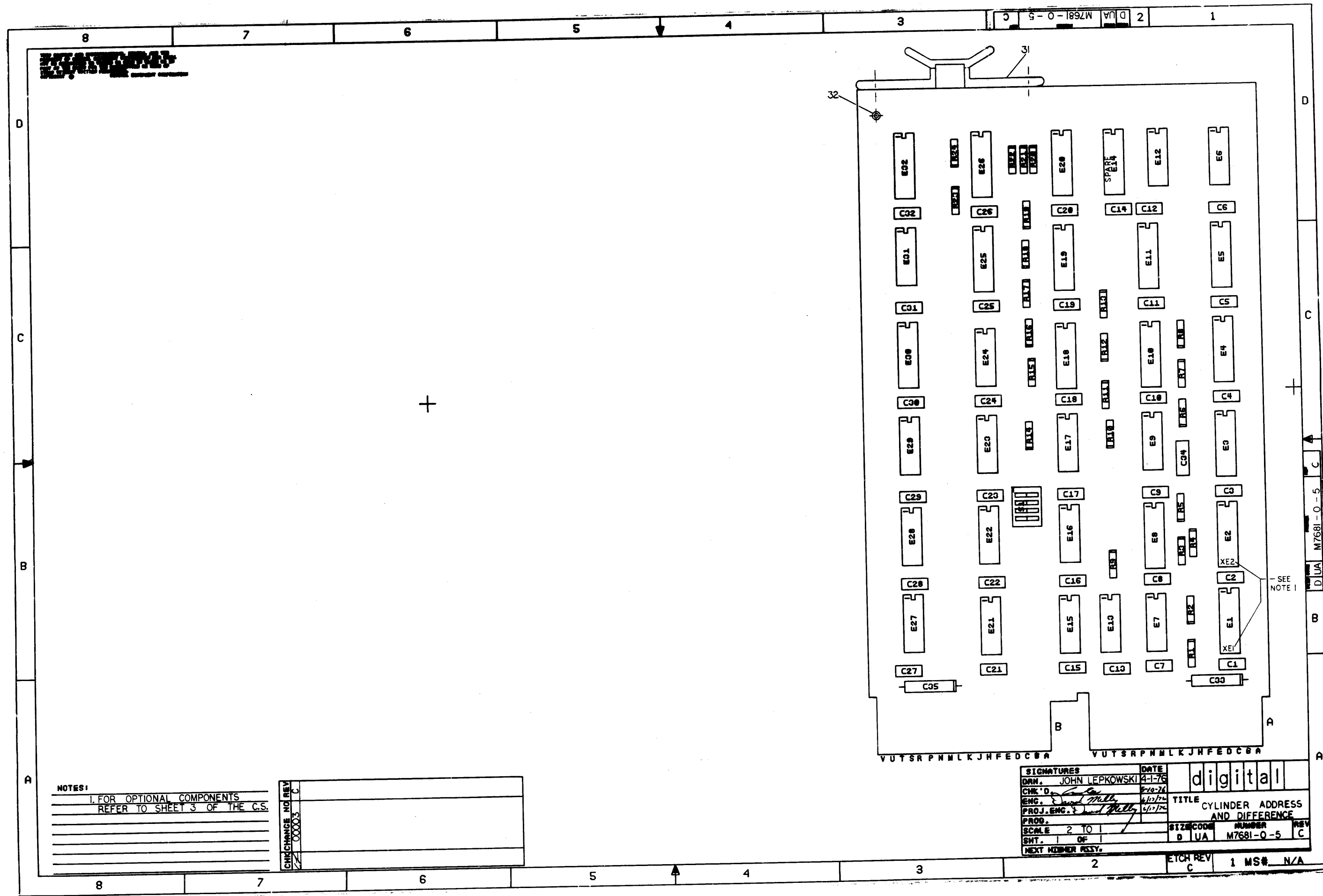
WK05.C	WRP288.V34(62)-1			31-JUL-75			2-JUN-76			8156			PAGE 7				
RUN NAME	A/P	PIN NAME	ORDER PIN	RAY - ORDER	Q	DRAG	RV	RG	Y	X	Z	REMARKS	NO	LENGTH	EXCEPTIONS	RUN NUMBER	
							OPT						FLAG				
OUTER LIMIT	H	A03K1		1-01 *			D05-6				2		1			66	
OUTER LIMIT	H	A04K1		1-02 *			D05-6				1		1-3/8			66	
OUTER LIMIT	H	A05D1		1-03 *			D05-6									66	
OUTER LIMIT	H			1									2-3/8			66	
POWER AMP DR	H	B05U2		1-01 *			D05-9				1		1-3/8			67	
POWER AMP DR	H	B06M1		1-02 *			D05-9									67	
POWER AMP DR	H			1									1-3/4			67	
PROTECT IND	H	A06C1		1-01 *			D05-8				1		5-5/8			68	
PROTECT IND	H	B04U2		1-02 *			D05-8									68	
PROTECT IND	H			1									5-5/8			68	
PWR SFC XNSDUP	H	A02D1		1-01 *			D05-2				1		5-5/8			69	
PWR SEC XNSDUR	H	B06K1		1-02 *			D05-2									69	
PWR SFC XNSDUR	H			1									5-5/8			69	
R/W/S READY	H	A03P1		1-01 *			D05-5				1		3-1/8			70	
R/W/S READY	H	B04J1		1-02 *			D05-5				2		1-5/8			70	
R/W/S READY	H	B02L1		1-03 *			D05-5									70	
R/W/S READY	H			1									4-6/8			70	
R/W/S READY	L	A01P2		1-01 *			D05-1				1		2-7/8			71	
R/W/S READY	L	B02K1		1-02 *			D05-1									71	
R/W/S READY	L			1									2-7/8			71	
READ CLOCK	L	A01F2		1-01 *			D05-2				1		5-3/8			72	
READ CLOCK	L	B07S1		1-02 *			D05-2				2		1			72	
READ CLOCK	L	B08S1		1-03 *			D05-2									72	
READ CLOCK	L			1									6-3/8			72	
READ DATA	L	A01E2		1-01 *			D05-2				1		5-6/8			73	
READ DATA	L	B07S2		1-02 *			D05-2				2		1			73	
READ DATA	L	B08S2		1-03 *			D05-2									73	
READ DATA	L			1									6-6/8			73	
READ GATE	L	A01K2		1-01 *			D05-1				1		5-2/8			74	
READ GATE	L	B08R1		1-02 *			D05-1				2		1			74	
READ GATE	L	B07R1		1-03 *			D05-1									74	
READ GATE	L			1									6-2/8			74	
READ IND	H	A02F2		1-01 *			D05-9				1		2-5/8			75	
READ IND	H	A06J1		1-02 *			D05-9									75	
READ IND	H			1									2-5/8			75	
READY	H	A02C1		1-01 *			D05-3				1		3-1/8			76	
READY	H	B04U1		1-02 *			D05-3									76	
READY	H			1									3-1/8			76	
READY IND	H	B06R1		1-01 *			D05-8				1		5-3/8			77	
READY IND	H	B04K1		1-02 *			D05-8									77	
READY IND	H			1									5-3/8			77	
RESTORE	H	A02R1		1-01 *			D05-4				1		1-3/8			78	
RESTORE	H	A03J1		1-02 *			D05-4									78	
RESTORE	H			1									1-3/8			78	



DIGITAL EQUIPMENT CORPORATION				QUANTITY / VARIATION												NOTES:	
PARTS LIST																	
MADE BY K. HODGSON		CHECKED <i>H. Vanshian</i>															
DATE 3 FEB 76		DATE 3 FEB 76															
ENG <i>Joseph Kavalich</i>		PROD <i>Jack Spivak</i>															
DATE 25 FEB 76		DATE 25 FEB 76															
ISSUED SECTION																	
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	REF												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	
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TITLE DEC PAK INDEX SECTOR				ASSY NO. D-UA-M7680-0-0				SIZE B		CODE PL		NUMBER M7680-0-0				REV. A	
SHEET 1				OF 3				DST.									

ENV-00140-10-01075-(325) DRG 124

DIGITAL EQUIPMENT CORPORATION				QUANTITY / VARIATION												NOTES:			
PARTS LIST																			
MADE BY K. HODGSON		CHECKED <i>H. Van der Linde</i>		SECTION															
DATE 3 FEB 76		DATE 3 FEB 76																	
ENG <i>Joseph L. Bernadette</i>		PROD <i>Jack Favaluk</i>		ISSUED SECTION															
DATE 25 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.											



NOTES:
1. FOR OPTIONAL COMPONENTS
REFER TO SHEET 3 OF THE C.S.

CHANGE NO	REV
00003	C

SIGNATURES		DATE	digital
DRN. JOHN LEPKOWSKI		4-1-76	
CHK'D. <i>[Signature]</i>		5-10-76	
ENG. <i>[Signature]</i>		6-10-76	
PROJ. ENG. <i>[Signature]</i>		6-10-76	
PROD.			TITLE
SCALE 2 TO 1			CYLINDER ADDRESS
SHT. 1 OF 1			AND DIFFERENCE
NEXT NUMBER ASSY.			SIZE CODE
			0 UA
			NUMBER
			M7681-O-5
			REV
			C
			ETCH REV
			1 MS# N/A

DIGITAL EQUIPMENT CORPORATION				QUANTITY / VARIATION												NOTES:			
PARTS LIST																			
MADE BY Lora Metzger		CHECKED <i>H. Washburn</i>																	
DATE 2/2/76		DATE 4 FEB 76																	
ENG		PROD <i>Jack Favalent</i>																	
DATE 25 FEB 76		DATE 25 FEB 76																	
ISSUED SECTION																			
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.											

DIGITAL EQUIPMENT CORPORATION				QUANTITY / VARIATION												NOTES:						
PARTS LIST																						
MADE BY		Lora Metzger		CHECKED		H. Vanhise		SECTION														
DATE		2/2/76		DATE		4 FEB 76																
ENG				PROD		Jack Fogale		ISSUED SECTION														
DATE		25 FEB 76		DATE		25 FEB 76																
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION													REF. DESIGNATION						
20	10155-00		IC 7408	1												E24						
21	1910436-00		IC 74123	1												E3						
22	1910651-00		IC 74175	2												E30,E32						
23	1910655-00		IC 74157	1												E8						
24	1910878-00		IC 7427	1												E16						
25	1911469-00		IC 8640	2												E27,E31						
26	23138A1-00		IC 8223	1												E18,						
27	23139A1-00		IC 8223 (NOT TO BE INSERTED)	1												E1,						
28			IC (SPARE)													E14,E2						
29	1211164-00		SW,RKR 4 IN A DIP	1												S1						
30	1211813-02		SOCKET IC 16 PIN	2												XE1,XE2						
31	9008337-06		HANDLE,FLIP-CHIP,MAGENTA	2																		
32	9006732-00		EYELET	4																		
33	23137A1-00		IC	1												E19						
34	23136A1-00		IC	1												E20						
35	3105140-55		WIRE, #30 AWG, GRN	AR																		

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TITLE

CYLINDER ADDRESS AND DIFFERENCE

ASSY NO.

D-UA-M7681-0-0

SHEET

2 OF 2

SIZE

B

CODE

PL

NUMBER

M7681-0-0

REV.

C