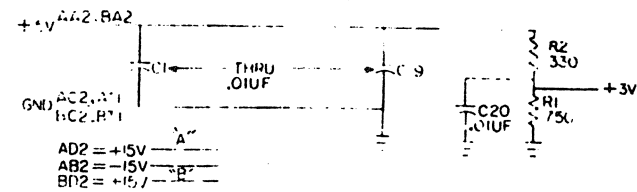
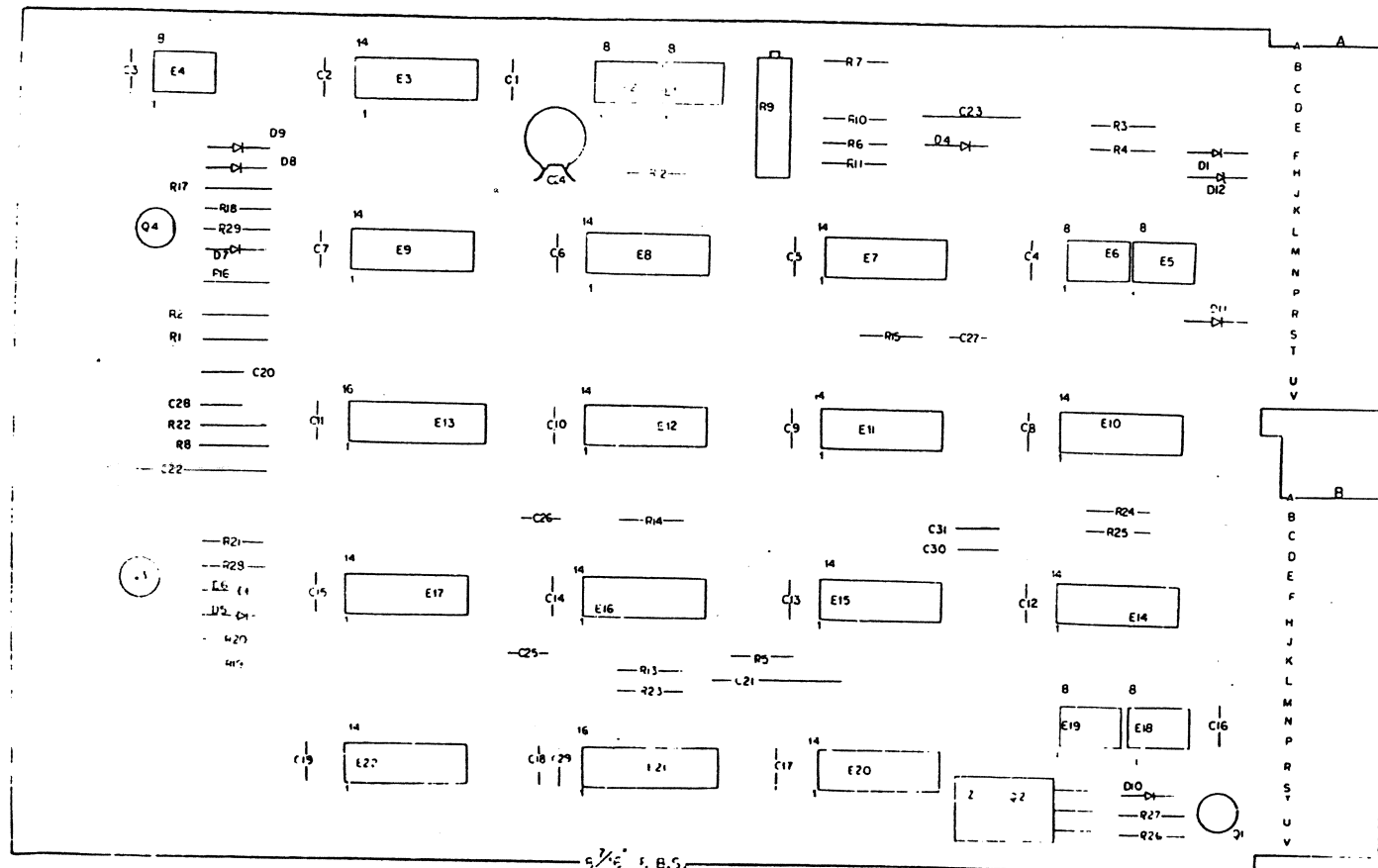


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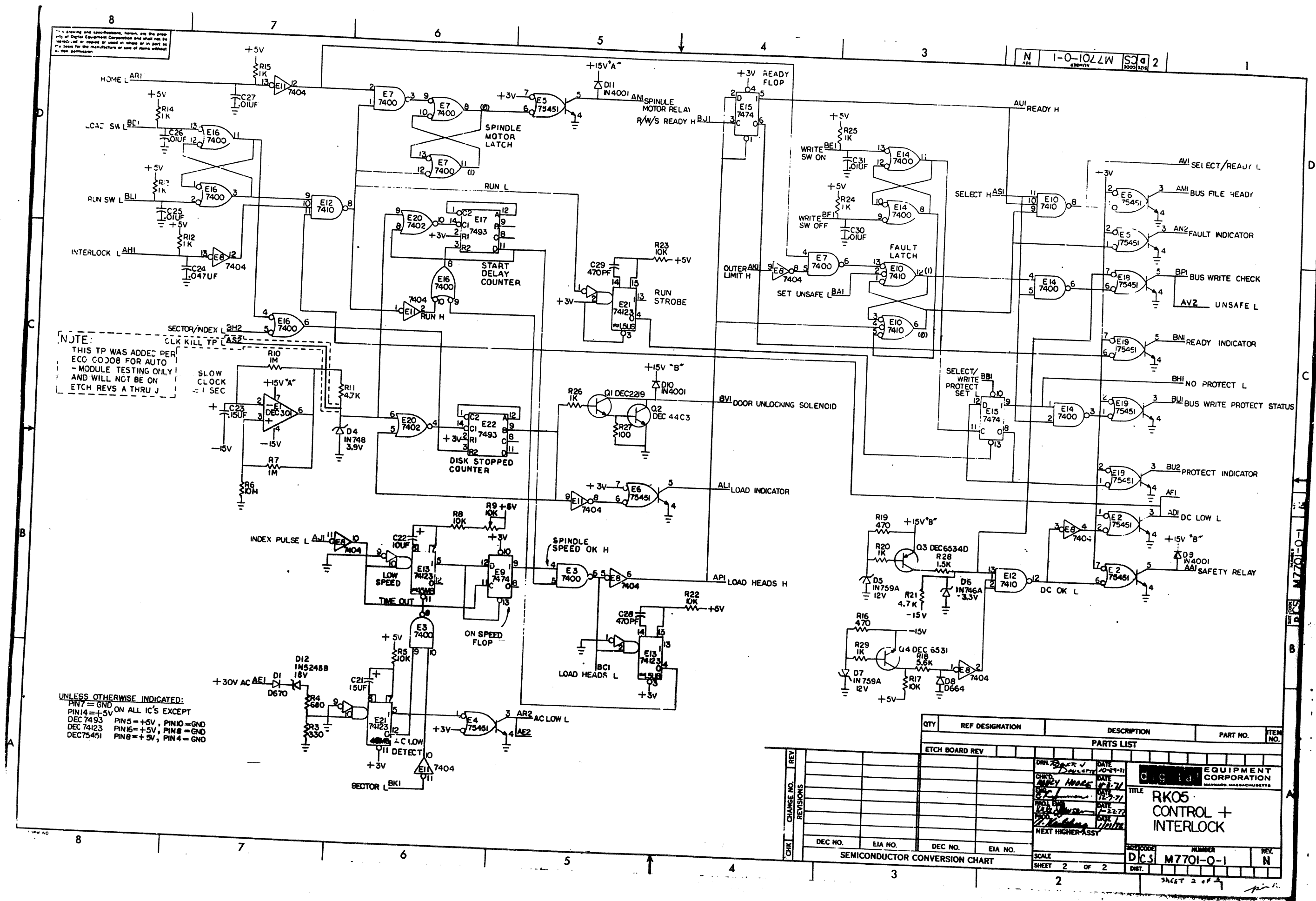


REV	DATE	BY	CHKD	APPD	DESCRIPTION
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2	11/1/72	J. JENSEN			REVISION
3	11/1/72	J. JENSEN			REVISION
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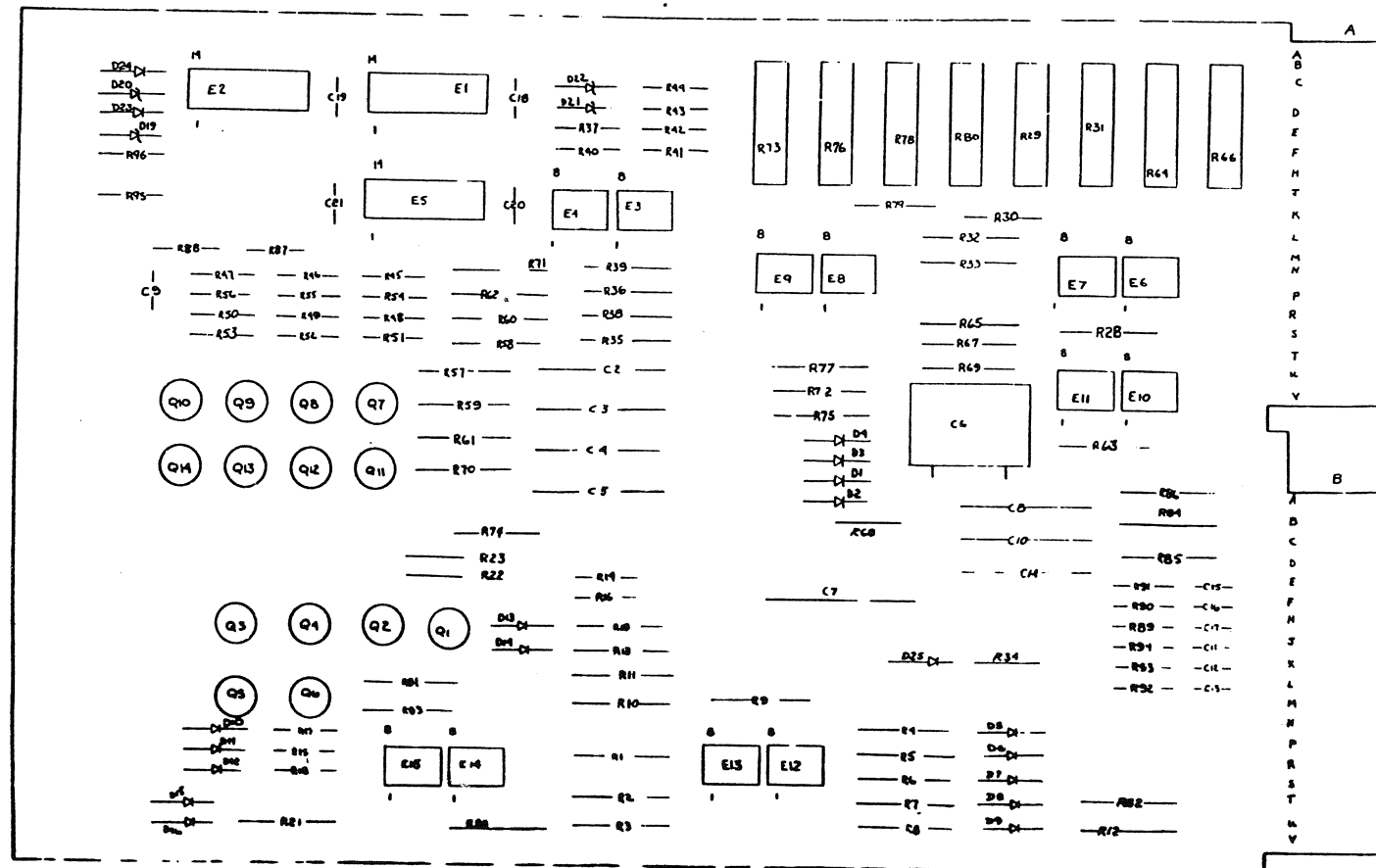
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50	11/1/72	J. JENSEN			REVISION

QTY	REF DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
1	C24	CAP. 0.47UF 16V DISC	1009673	50
1	D12	DIODE 1N5248B 18V 5%	1110766	49
1		NUT KEP #4	9006557	48
1		SCREW 4-40 X 5/16	9006010-1	47
2		HANDLE, FLIP CHIP - MAGENTA	9008337-06	46
4		RYZLET #03L-7	9006732	45
1	E1	I.C. DEC 301	1910282	44
6	E2, 4, 6, 5, 18, 19	I.C. DEC 75451	1910406	43
2	E21, 13	I.C. DEC 74123	1910436	42
2	E22, 17	I.C. DEC 74133	1909054	41
2	E9, 15	I.C. DEC 74171	1905547	40
2	E12, 10	I.C. DEC 74111	1905576	39
2	E11, 8	I.C. DEC 74104	1909686	38
1	E20	I.C. DEC 74102	1909004	37
4	E3, 7, 14, 11	I.C. DEC 74100	1905575	36
1	Q2	TRANSISTOR DEC 44C3	1510171	35
1	Q3	TRANSISTOR DEC 6534D	1503409-00	34
1	Q1	TRANSISTOR DEC 2219	1501881	33
1	Q4	TRANSISTOR DEC 6531	1509138	32
1	R9	RES. 10K 1/4W 10% 76PR	1309143-10	31
1	R6	RES. 10W 1/2W 5%	1302666	30
2	R7, 10	RES. 1W 1/2W 5%	1309595	29
5	R17, 5, 22, 23, 8	RES. 10K 1/4W 5%	1300479	27
1	R16	RES. 5.6K 1/4W 5%	1301874	26
1	R11, R21	RES. 4.7K 1/4W 5%	1300447	25
1	R4	RES. 680 1/4W 5%	1301474	24
1	R28	RES. 1.5K 1/4W 5%	1300381	23
9	R12, 13, 14, 29, 15, 20, 24, 25, 26	RES. 1K 1/4W 5%	1300365	22
1	R1	RES. 750 1/4W 5%	1301401	21
2	R16, 19	RES. 470 1/4W 5%	1300316	20
2	R2, 3	RES. 330 1/4W 5%	1300295	19
1	R27	RES. 100 1/4W 5%	1300229	18
1		GRN PLATS	1210244-0	17
2	R5, 7	DIODE 1N7592 12V	1110244-0	16
1	D6	DIODE 1N748 3.9V	1110244-0	15
1	D6	DIODE 1N746A 1.8V	1100121	14
1	R9, 10, 11	DIODE 1N4001	1102942	13
1	D4	DIODE D470	1102162	12
1	D8	DIODE D444	1100214	11
2	C28, 9	CAP. 470PF 100V 5% D.M.	1000024	10
1	Q23	CAP. .15UF 35V 20% TART	1002180	9
1	Q22	CAP. 10UF 20V 10% TART	1002180	8
1	C21	CAP. .15UF 20V 10% TART	1000812	7
28	C3 - 20, 25 - 7, 30, 11	CAP. .01UF 100V 20% DISC	10021610	6
1		ETC. NEW CIRCUIT BOARD	9009714	5
1		MODULE BCD HISTORY	B-MH-M7701-0-6	4
1		ASSY/DRILLING HOLE LAYOUT	B-AH-M7701-0-5	3
1		A-Y COORDINATE HOLE LOCATION	B-CO-M7701-0-4	2
1		REF. DESIGNATION	DEC. PART NO.	1
1		PARTS LIST	DEC. PART NO.	1

ETCH BOARD REV	K	DATE	11/1/72	BY	J. JENSEN
CHKD.	W. MOORE	DATE	11/1/72	BY	J. JENSEN
ENG.	J. JENSEN	DATE	11/1/72	BY	J. JENSEN
PROJ. MGR.	J. JENSEN	DATE	11/1/72	BY	J. JENSEN
PROD.	J. JENSEN	DATE	11/1/72	BY	J. JENSEN
NEXT HIGHER ASSY		DATE		BY	
SCALE					
SHEET	1	OF	2		
SEMICONDUCTOR CONVERSION CHART		TITLE		DISK ENG. CONTROL + INTERLOCK	
SIZE CODE		NUMBER		REV.	
D1CS		M7701-0-1		N	
DIST.					



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UNLESS OTHERWISE INDICATED:
PIN 14 = +5V, PIN 7 = GND ON ALL IC'S.
EXCEPT LM301+72741.

REV	DATE	BY	CHK	CHANGE NO.	REV
1	12-8-71	J. JENSEN			
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100	12-9-71	J. JENSEN			

QTY	REF DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
3	R28, 63, 77	RES. 174K 1/8W 1% MF	130-7833	55
1	R74	RES. 1.47 K 1/8W 1% MF	1305108	54
3	R95, 96, 34	RES. 10K 1/4W 5%	1300479	53
A/R		HANDLE PLIF CHIP GREEN	1210244-C	52
2		EYELET #054-7	9006732	50
10	E4 - E15	1.C. DEC 72741	1910258	49
2	E3, E4	1.C. DEC 341	1910282	48
1	E2	1.C. DEC 7413	1910585	47
1	E1	1.C. DEC 7414	1910586	46
1	E5	1.C. DEC 7400	1910575	45
1	Q1-Q10	TRANSISTOR 2N 245	1910581	44
1	Q5-Q10	TRANSISTOR DEC 654D	1910581	43
1	H66	RES. 2.7 1/4W 10%	1305444	42
1	H20	RES. 200 K 1/8W 1% MF	1305336	41
12	R14, 13, 33, 33, 33, 33, 33, 33, 33, 33, 33, 33	RES. 19.6K 1/8W 1% MF	1309419	40
1	H7	RES. 11.5K 1/8W 1% MF	1309415	39
1	H21	RES. 3.83K 1/8W 1% MF	1309413	38
1	H75	RES. 24.3 K 1/8W 1% MF	1309410	37
1	R24, 64, 73, 76, 78	RES. 10K 3/4W 10% 76P4	1309413-16	36
3	H31, 66, 60	POT. 20 3/4W 10% 76P4	1309413-08	35
1	H4	RES. 68.1K 1/8W 1% MF	1305252	34
1	H8	RES. 5.62K 1/8W 1% MF	1305126	33
1	H72, 2, 2	RES. 6.81K 1/8W 1% MF	1304870	32
6	H41, H42, R23, 33, 65, 79	RES. 75K 1/4W 5%	1304841	31
2	R13, R15	RES. 4.64K 1/8W 1% MF	1304856	30
5	R5, 17, 55, 64, 71	RES. 10K 1/8W 1% MF	1303312	29
1	R5	RES. 34.5K 1/8W 1% MF	1303126	28
1	H6	RES. 7.5K 1/8W 1% MF	1303122	27
1	H2	RES. 13.3K 1/8W 1% MF	1302412	26
1	H3	RES. 5.62K 1/8W 1% MF	1302412	25
1	H22	RES. 10K 1/8W 1% MF	1302412	24
5	H50, 66, H42, H71, R82	RES. 10K 1/8W 1% MF	1302412	23
1	R88	RES. 75K 1/8W 1% MF	1302412	22
7	R15, 17, 46, 46, 52, 55, 1	RES. 10K 1/8W 1% MF	1302412	21
1	R18, H47, H51, 53, 1	RES. 10K 1/8W 1% MF	1302412	20
9	R14, 16, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56	RES. 10K 1/8W 1% MF	1300391	19
3	R37, 41, 41	RES. 10K 1/8W 1% MF	1300295	18
1	R44, H4	RES. 10K 1/8W 1% MF	1300188	17
2	H4, H5	RES. 10K 1/8W 1% MF	1300188	16
2	D15, D16	DIODE 1N750A 10V	1100127	15
4	D1, 2, 3	DIODE 1N750A	1100127	14
1	D4 - H4	DIODE 1N750A	1100127	13
7	D4 - H4	DIODE 1N750A	1100127	12
1	D7	DIODE 1N750A	1100127	11
1	D8	DIODE 1N750A	1100127	10
1	D9	DIODE 1N750A	1100127	9
1	D10	DIODE 1N750A	1100127	8
1	D11	DIODE 1N750A	1100127	7
1	D12	DIODE 1N750A	1100127	6
1	D13	DIODE 1N750A	1100127	5
1	D14	DIODE 1N750A	1100127	4
1	D15	DIODE 1N750A	1100127	3
1	D16	DIODE 1N750A	1100127	2
1	D17	DIODE 1N750A	1100127	1

QTY	REF DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
1	D15, D16	DIODE 1N750A 10V	1100127	15
4	D1, 2, 3	DIODE 1N750A	1100127	14
1	D4 - H4	DIODE 1N750A	1100127	13
7	D4 - H4	DIODE 1N750A	1100127	12
1	D7	DIODE 1N750A	1100127	11
1	D8	DIODE 1N750A	1100127	10
1	D9	DIODE 1N750A	1100127	9
1	D10	DIODE 1N750A	1100127	8
1	D11	DIODE 1N750A	1100127	7
1	D12	DIODE 1N750A	1100127	6
1	D13	DIODE 1N750A	1100127	5
1	D14	DIODE 1N750A	1100127	4
1	D15	DIODE 1N750A	1100127	3
1	D16	DIODE 1N750A	1100127	2
1	D17	DIODE 1N750A	1100127	1

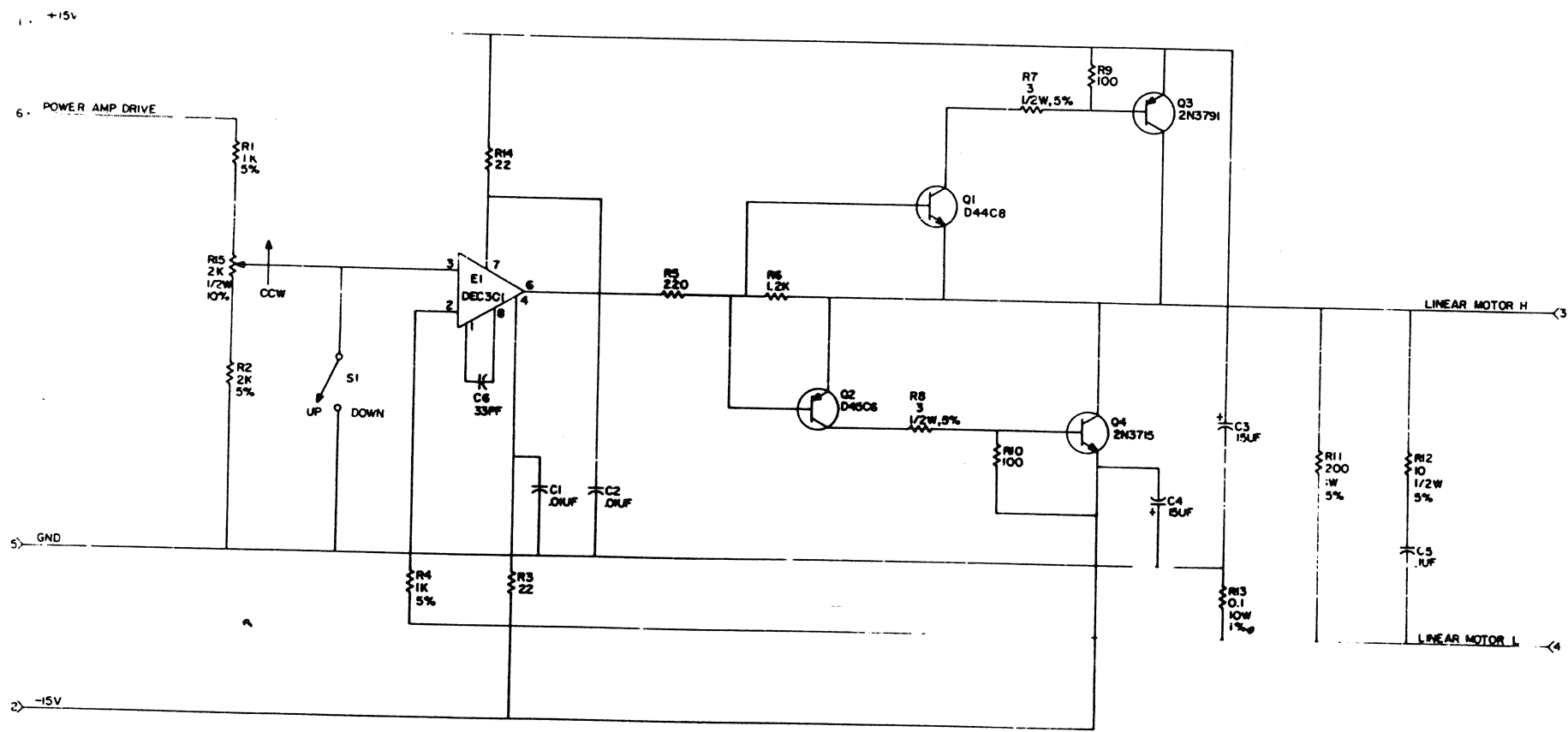
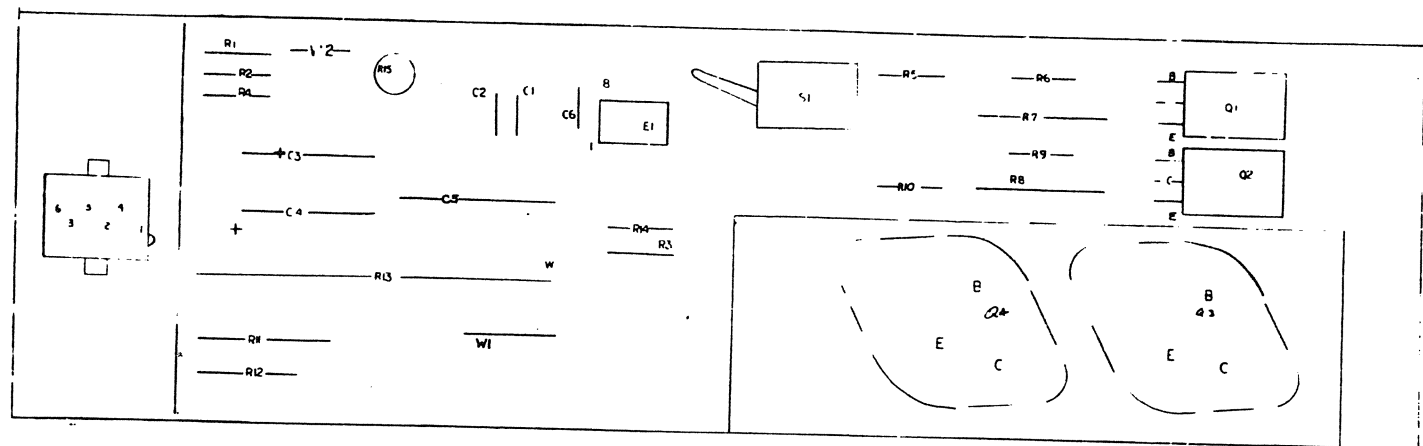
digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

TITLE DEC PACK HEAD
POSITION SERVO
PREAMP

SCALE DCS
SHEET 1 OF 2

FOR TEST AND MAINTENANCE PURPOSES, THE
CIRCUIT SHOULD BE TREATED ACCORDINGLY
BY THE EQUIPMENT CORPORATION

1-0-909H
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UNLESS OTHERWISE INDICATED:
RES. ARE 1/4 W, 10%
R13 IS A CURRENT SAMPLING RES.

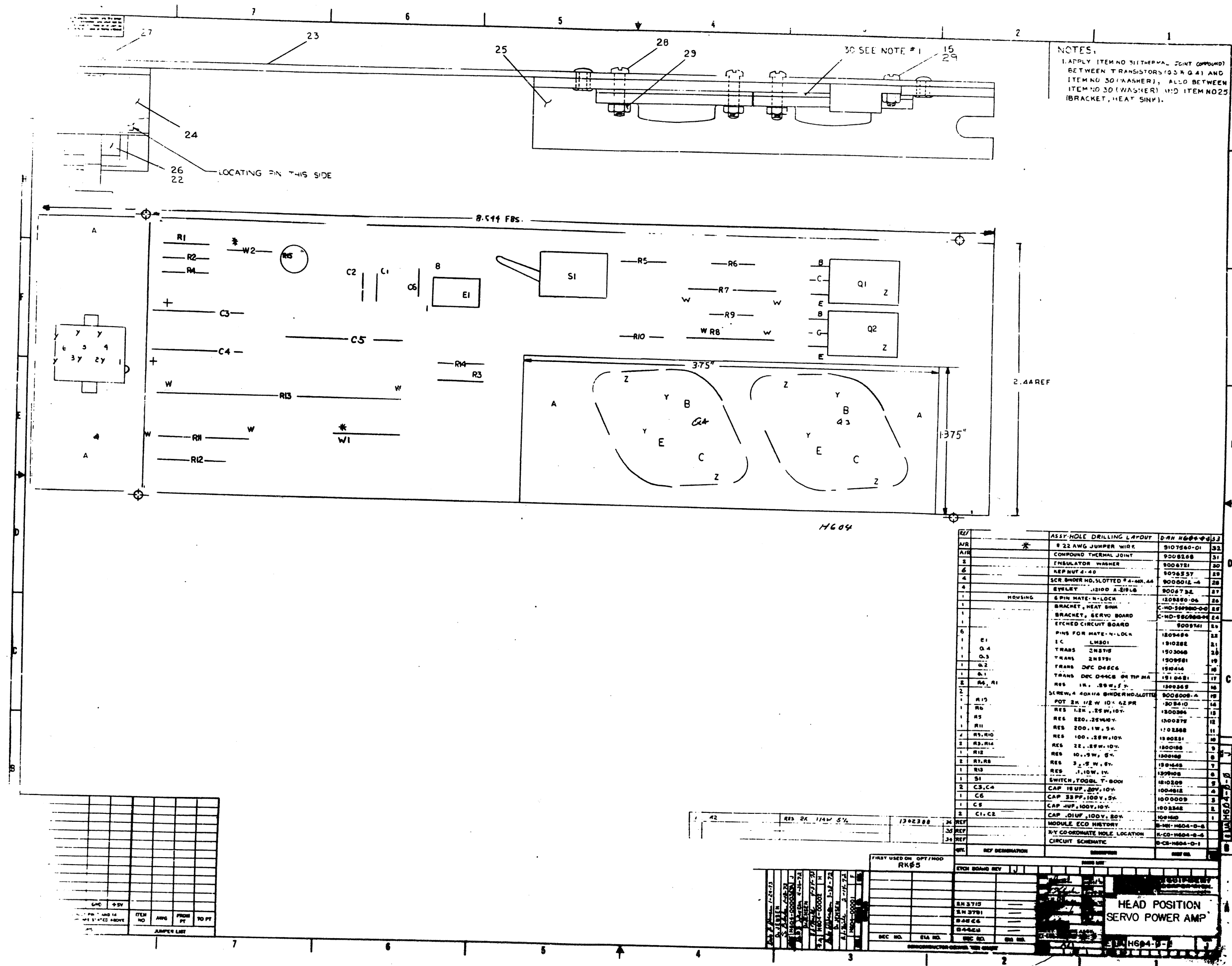
REVISIONS	DATE	BY	CHKD	APP'D
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10	10/1/71	J. J. J.		

DATE 10/1/71
BY J. J. J.
CHKD
APP'D

TRANSISTOR & DIODE CONVERSION CHART			
TRANSISTOR	DIODE	TRANSISTOR	DIODE
2N3791	1N4148	2N3715	1N4148
2N3791	1N4148	2N3715	1N4148
2N3791	1N4148	2N3715	1N4148
2N3791	1N4148	2N3715	1N4148
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2N3791	1N4148	2N3715	1N4148
2N3791	1N4148	2N3715	1N4148

EQUIPMENT
CORPORATION
BAYTOWN, MASSACHUSETTS

TITLE DECPAK HEAD POS.
SERVO PWR. AMP.
REV D CS
1000 11/5
PRINTED CIRCUIT REV.



NOTES:
1. APPLY ITEM NO 30 (THERMAL JOINT COMPOUND)
BETWEEN TRANSISTORS (Q1 & Q2) AND
ITEM NO 30 (WASHER), ALSO BETWEEN
ITEM NO 30 (WASHER) AND ITEM NO 25
(BRACKET, HEAT SINK).

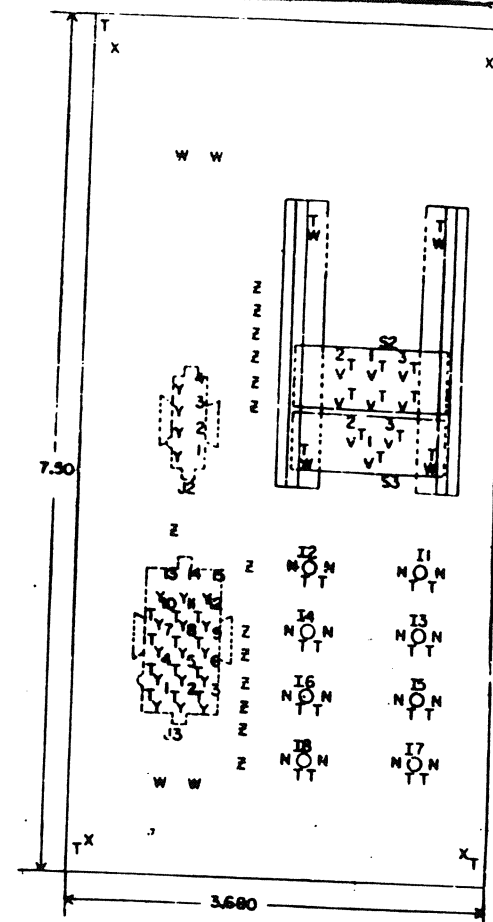
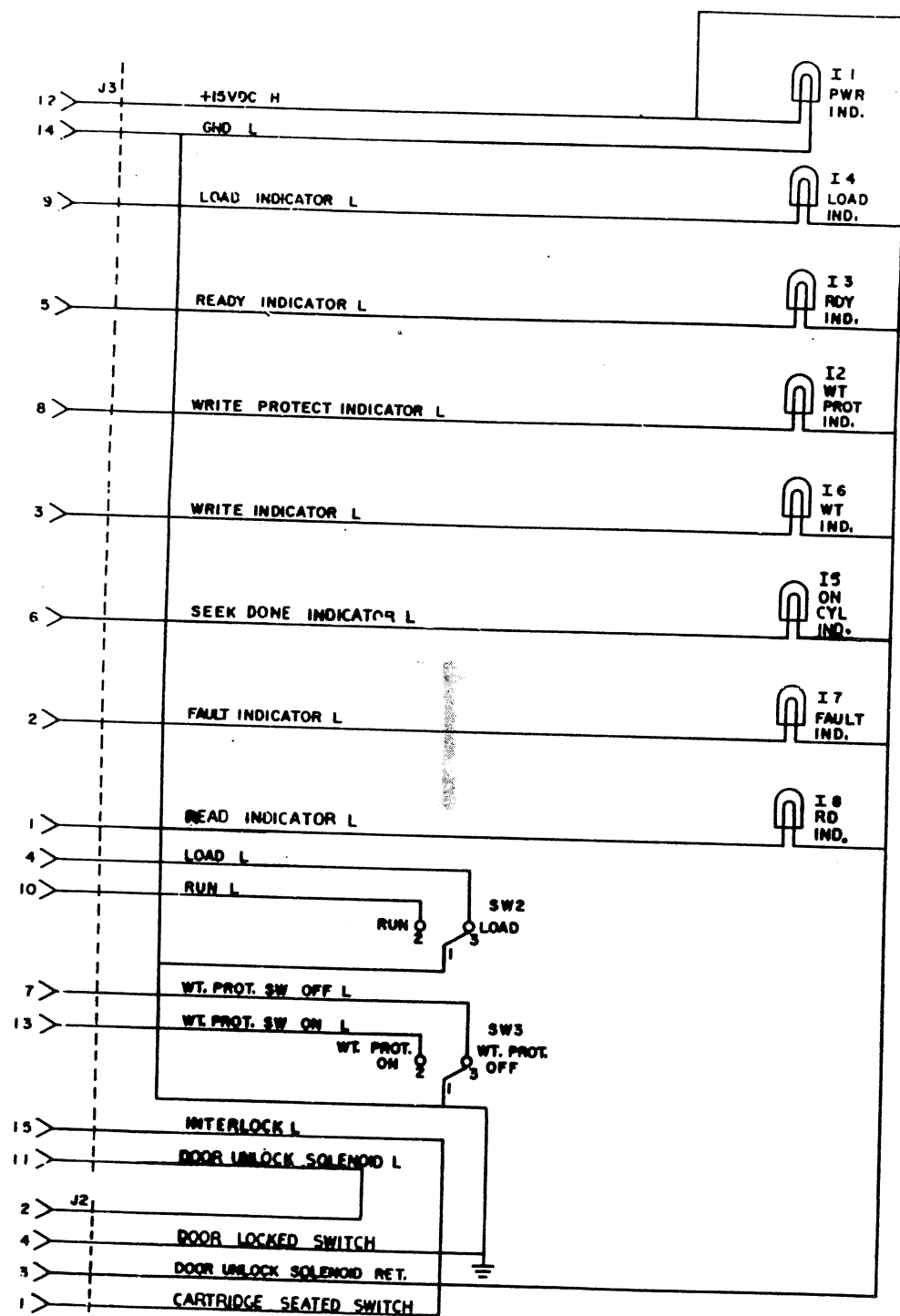
REF	ASSY HOLE DRILLING LAYOUT	D-RN H604-0-1
1	8 22 AWG JUMPER WIRE	9107560-01
2	COMPOUND THERMAL JOINT	9508268
3	INSULATOR WASHER	9008781
4	NEP NUT 4-40	9075537
5	SCR BINDER NO. SLOTTED 4-40X.44	9008012-4
6	SPACER 12100 A-219L6	9008732
7	HOUSING	1208860-06
8	SPIN MATE N-LOCK	1208860-06
9	BRACKET, HEAT SINK	C-ND-569980-00
10	BRACKET, SERVO BOARD	C-ND-569980-00
11	ETCHED CIRCUIT BOARD	9009741
12	PINS FOR MATE N-LOCK	1209486
13	IC LM301	1910288
14	TRANS 2N3710	1503068
15	TRANS 2N3791	1509581
16	TRANS DEC D48C6	1510416
17	TRANS DEC D44C8 ON TIP MA	1510481
18	RES 1K .5W .5%	1509269
19	SCREW 4 40X1.125 BINDER NO. SLOTTED	9008000-4
20	POT 2K 1/2W 10K 62 PR	908410
21	RES 1.2K .25W .10V	1500366
22	RES 220 .25W .10V	1500379
23	RES 200 .1W .5V	1702588
24	RES 100 .25W .10V	1500281
25	RES 22 .25W .10V	1500188
26	RES 10 .5W .5V	1500188
27	RES 3 .5W .5V	1501443
28	RES .10W .1V	1209108
29	SWITCH, TOGGLE T-800H	1810200
30	CAP 15UF .25V .10V	1004812
31	CAP 33PF .100V .5V	1000000
32	CAP .1UF .100V .10V	1003348
33	CAP .01UF .100V .20V	1009480
34	MODULE ECO HISTORY	D-ND-H604-0-6
35	X-Y COORDINATE HOLE LOCATION	D-ND-H604-0-4
36	CIRCUIT SCHEMATIC	D-ND-H604-0-1

42	RES 2K 1/4W 5%	1302388
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REV	DESCRIPTION	DATE	BY
1	INITIAL DESIGN	10/1/64	J. J.
2	REVISED	10/1/64	J. J.
3	REVISED	10/1/64	J. J.
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98	REVISED	10/1/64	J. J.
99	REVISED	10/1/64	J. J.
100	REVISED	10/1/64	J. J.

ITEM NO	QTY	UNIT	PRICE	TOTAL
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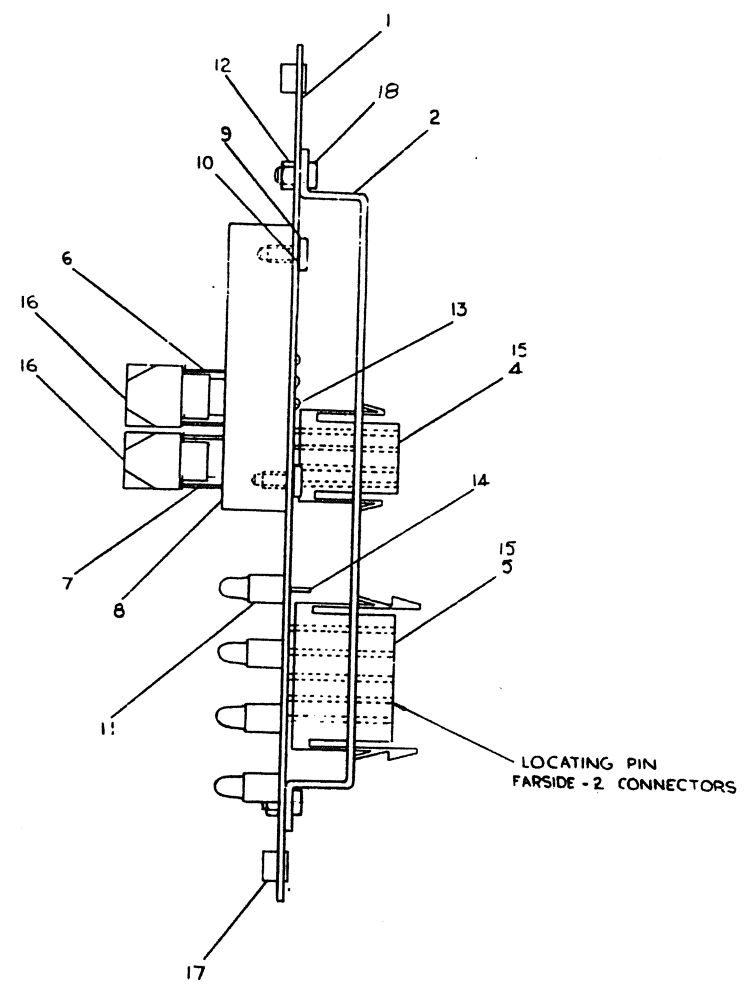
SYMBOLS FURNISHED ONLY FOR TEST AND MAINTENANCE PURPOSES. THE
 SYMBOLS ARE NOT TO BE USED FOR IDENTIFICATION AND SHOULD BE REPEATED AT REGULAR INTERVALS.



REV. D
 NUMBER 5409698-0-1
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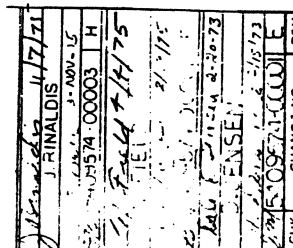
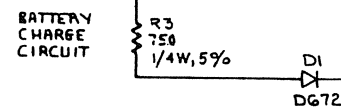
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DRN. S. COOPER	DATE 11/20/71	TRANSISTOR & DIODE CONVERSION CHART				TITLE RK05 CONTROL PANEL	
CHK'D M. HULL	DATE 11/23/71	DEC	EIA	DEC	EIA	SIZE C	CODE CS
SWG J. JENSEN	DATE 11/23/71					NUMBER 5409698-0-1	REV. D
PROD. J. JENSEN	DATE 11/23/71					PRINTED CIRCUIT REV. D	



REF		457/DRILLING HOLE LAYOUT	DAN 5406548-03	19
4		SCR. PHL PAN HD #4 40-5/16 LU	90C5010-1	18
4		NUT CLIP #6 32	90C6633	17
2		SWITCH BUTTON	1209317-07	16
19		PHN SOCKET MATE-N-LOCK	1209456	15
6		TERMINAL 3/16DRESS	90C7812	14
16	2	VEELET FEED THROUGH	90C6781	13
4		NUT ECP5 #4	90C6517	12
6	11,12,13,14,15,16,17,18	LAMP	1209569	11
10		LOCK WASHER INTERNAL 6-32	90C6633	10
4		SCREW PHL PAN HEAD 1/32 AS PLUG	90C6021-1	9
2		SWITCH MOUNTING BAR	8-D-8-909880-D-0	8
1	53	SWITCH, ROCKER	1209375	7
1	52	SWITCH, ROCKER	1209341	6
1	J3	HOUSING, SOCKET MATE-N-LOCK PHN	1209350-15	5
1	J2	HOUSING, SOCKET MATE-N-LOCK PHN	1209350-04	4
1		CONNECTOR BRACKET	1-D-5509829-0	3
1		ETCHED CIRCUIT BOARD	90C9457	2
REF		MODULE ECO HISTORY	8-W-5406530-0-6	1
REF		X-Y-CO-ORDINATE HOLE LOCATION	A-CO-5406498-0-4	
REF		CIRCUIT SCHEMATIC	C-CS-5406530-0-1	
QPL	REF DESIGNATION	DESCRIPTION	QPL NO.	1A
ETCH BOARD REV		FORM 107		
		REV'D	EQUIPMENT CORPORATION	
		11-7-72	RK7-2	
		11-7-71	CONTROL PANEL	
		11-7-70	(RK05)	
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		11-6-15		

4 THIS MODULE MUST BE UI APPROVED



QTY	REF DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST				
ETCH BOARD REV	F			
		DRN. POWER J 12-9-77	DATE	
		CHK'D. 12-5-77	DATE	
		ENG. 12-5-77	DATE	
		PROJ. ENG. 12-5-77	DATE	
		PROD. 12-5-77	DATE	
		NEXT HIGHER ASSY		
DEC NO		EIA NO		
CONVERSION CHART		SCALE		
SHEET		OF		
		SIZE CODE		
		D/C S		
		NUMBER		
		5409574-0-1		
		REV.		
		h		

