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FIELD MAINTENANCE PRINT SET

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B-TC-RX02-0-1	FIELD MAINTENANCE PRINT SET (RX02)
B-DD-RX02-0	RX02 FLOPPY DISK DRIVE
E-UA-RX02-0-0	RX02 FLOPPY DISK DRIVE - ASSEMBLY
C-PL-RX02-0-0	RX02 FLOPPY DISK DRIVE - P/L
B-DD-M7744-0	RX02 FLOPPY DISK CONTROLLER
D-UA-M7744-0-0	RX02 FLOPPY DISK CONTROLLER - ASSY. (SHEET 1 ONLY)
K-PL-M7744-0-DBP	RX02 FLOPPY DISK CONTROLLER - P/L
D-CS-M7744-0-1	RX02 FLOPPY DISK CONTROLLER - SCHEMATIC
B-DD-M7745-0	RX02 READ/WRITE CONTROL BOARD
D-UA-M7745-0-0	RX02 READ/WRITE CONTROL BOARD - ASSY. (SHEETS 1 & 4)
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B-DD-H771-0 (COMPLETE)	H771 POWER SUPPLY - COMPLETE PRINT SET DESCRIBED BY DD
MP00284 (COMPLETE)	PRINT SET PLENUM/FAN ASSEMBLY
A-PL-RX02-0-4	RX02 SOFTWARE LIST
A-PL-7017035-0-0	RX02 HARDWARE KIT LIST
A-PL-RX02-0-3	RX02 SHIPPING LIST
B-DD-7013503-0	PLENUM/FAN ASSY. (OLD STYLE)
B-DD-7015622-0	PLENUM/FAN ASSY. (NEW STYLE)

UNIT VARIATIONS COVERED BY THIS PRINT SET
RX02-AA
RX02-AC
RX02-AD
RX02-BA
RX02-BC
RX02-BD
RX02-CA
RX02-CC
RX02-DA
RX02-DC
RX02-DD
RX02-LA
RX02-LC
RX02-LD
RX02-NA
RX02-NC
RX02-ND
RX02-VA
RX02-VC
RX02-VD

RX02 Field Maintenance Print Set

Digital Equipment Corporation

PRINT SET ORDER
NO. MP 00629

REVISIONS			USED ON OPTION/MODEL	DRN.	DATE	TITLE:																							
DATE	CHG. NO.	REV				<table border="1"> <tr><td colspan="4" style="text-align: right;">digital</td></tr> <tr><td colspan="4" style="text-align: center;">RX02 FLOPPY DISK DRIVE ASSY.</td></tr> <tr> <td>SIZE</td> <td>CODE</td> <td>NUMBER</td> <td>REV.</td> </tr> <tr> <td>B</td> <td>TC</td> <td>RX02-0-1</td> <td>C</td> </tr> <tr> <td colspan="4">DIST.</td> </tr> </table>				digital				RX02 FLOPPY DISK DRIVE ASSY.				SIZE	CODE	NUMBER	REV.	B	TC	RX02-0-1	C	DIST.			
digital																													
RX02 FLOPPY DISK DRIVE ASSY.																													
SIZE	CODE	NUMBER	REV.																										
B	TC	RX02-0-1	C																										
DIST.																													
2-1-79	RX02 ML00	A	RX28	G. MARINI	7/19/78																								
22/2/79	RX02-ML 2 B	B	RX211	CHK'D	DATE																								
9-79	RX02-ML3 C	C	RXV21	G. MARINI	7/19/78																								
			RX8	PROJ. ENG.	DATE																								
			RX11	J. GLAVIN	9/1/78																								
			RXV11	FIELD SERV.	DATE																								
			RX78	J.																									
			LSI-11	MARTINELLO	9/6/78																								
			SHEET 1 OF 1																										



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DRAWING DIRECTORY

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FOR "TABLE OF CONTENTS"
LISTING REFER DOCUMENT
NUMBERED, B-TC-RXØ2-Ø-1

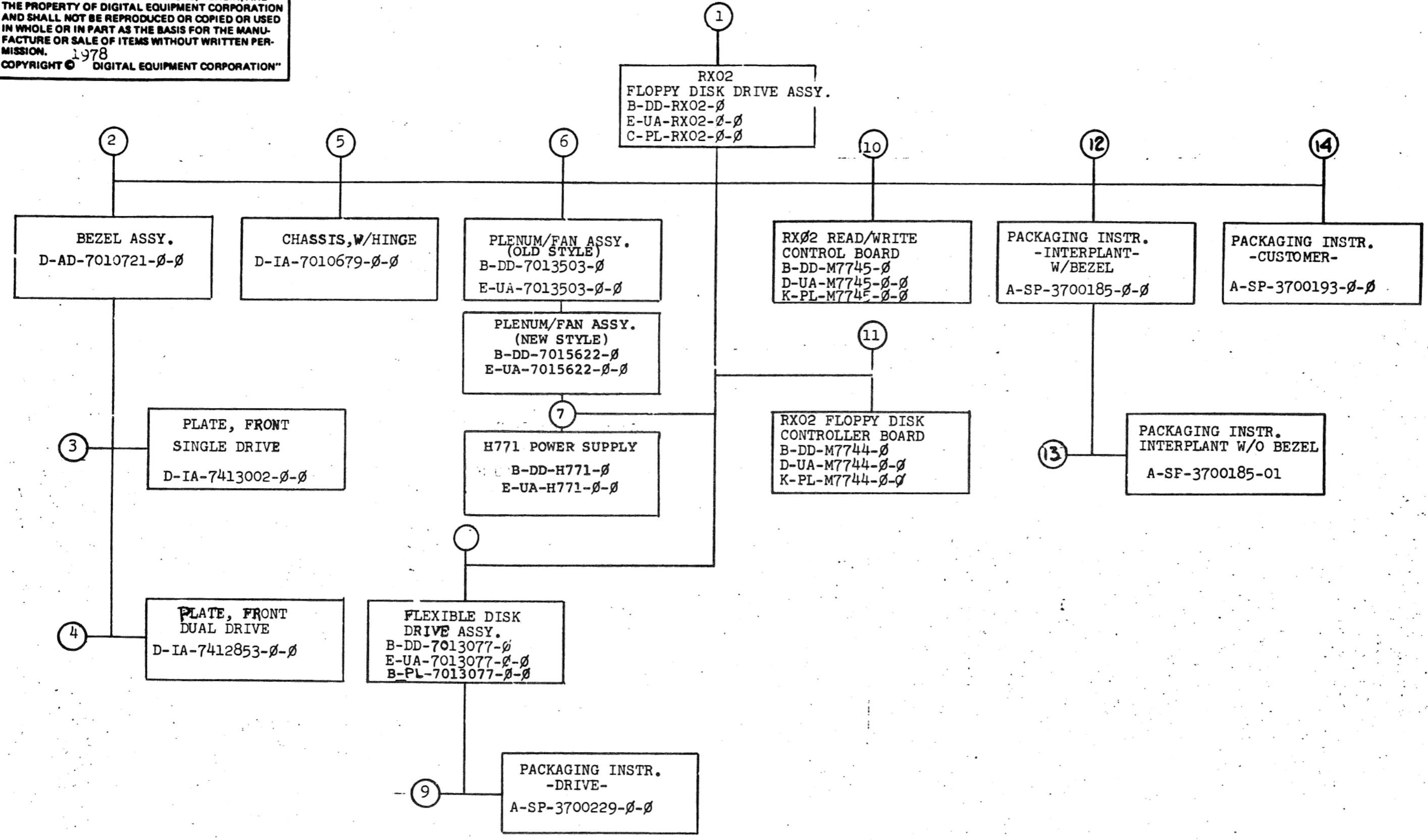
UNIT VARIATIONS	
VAR	TITLE
RXØ2-AA	SINGLE FLOPPY DISK SYSTEM,110V, 60HZ
RXØ2-AC	SINGLE FLOPPY DISK SYSTEM,110V, 50HZ
RXØ2-AD	SINGLE FLOPPY DISK SYSTEM,230V, 50HZ
RXØ2-BA	DUAL FLOPPY DISK SYSTEM,110V 60HZ
RXØ2-BC	DUAL FLOPPY DISK SYSTEM,110V, 50HZ
RXØ2-BD	DUAL FLOPPY DISK SYSTEM,230V, 50HZ
RXØ2-CA	SINGLE ADD-ON FLOPPY DISK DRIVE - 60HZ
RXØ2-CC	SINGLE ADD-ON FLOPPY DISK DRIVE - 50HZ
RXØ2-DA	RXØ2-BA, W/O BEZEL & COVER
RXØ2-DC	RXØ2-BC, W/O BEZEL & COVER
RXØ2-DD	RXØ2-BD, W/O BEZEL & COVER
RXØ2-LA	RXØ2-BA, W/O SLIDES & COVER
RXØ2-LC	RXØ2-BC, W/O SLIDES & COVER
RXØ2-LD	RXØ2-BD, W/O SLIDES & COVER
RXØ2-NA	RXØ2-AA, W/O SLIDES & COVER
RXØ2-NC	RXØ2-AC, W/O SLIDES & COVER
RXØ2-ND	RXØ2-AD, W/O SLIDES & COVER
RXØ2-VA	RXØ2 SINGLE FOR KC78Ø, 11ØV, 6ØHZ
RXØ2-VC	RXØ2 SINGLE FOR KC78Ø, 11ØV, 5ØHZ
RXØ2-VD	RXØ2 SINGLE FOR KC78Ø, 23ØV, 5ØHZ

REVISIONS	REV.	A									
	CHANGE NO.	RXØ2-MLØØ1	B								
		RXØ2-MLØØ2	C								
		RXØ2-MLØØ3									
	CHK	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>							
	USED ON OPTION/MODEL	RX28	LSI-11								
		RX211									
		RXV21									
DRN	<i>[Signature]</i>	DATE	7-19-78	TITLE	RXØ2 FLOPPY DISK DRIVE ASSY.						
CHK'D.	<i>[Signature]</i>	DATE	1 SEPT 78	SIZE	B	CODE	DD	NUMBER	RXØ2-Ø	REV	C
PROJ. ENG.	<i>[Signature]</i>	DATE	9-1-78	DIST.							
PRCD.	<i>[Signature]</i>	DATE	9-1-78								
SHEET 1		OF	3								



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REV. \emptyset DD B
 NUMBER RX02- \emptyset SIZE 3000



TITLE	SHEET	OF	SIZE	CODE	NUMBER	REV
RX02 FLOPPY DISK DRIVE	2	3	B	DD	RX02- \emptyset	C

FIND NO.	DRAWING NO.	DESCRIPTION	TYPE	FIND NO.	DRAWING NO.	DESCRIPTION	TYPE
1	MP-00629	FIELD MAINTENANCE PRINT SET (MP)	-	7	B-DD-H771-Ø	H771 POWER SUPPLY - DRAWING DIRECTORY	-
	B-TC-RX02-0-1	FIELD MAINTENANCE PRINT SET (TC)	-		E-UA-H771-Ø-Ø	H771 POWER SUPPLY ASSY.	E/M
	B-DD-RX02-0	RX02 FLOPPY DISK DRIVE ASSY. - DRAWING DIRECTORY	-		D-IA-7010696-Ø-Ø	POWER HARNESS (VARIATIONS)	E/M
	E-UA-RX02-Ø-Ø	RX02 FLOPPY DISK DRIVE ASSY.	E/M				
	C-PL-RX02-Ø-Ø	RX02 FLOPPY DISK DRIVE ASSY. - PARTS LIST	-				
	A-SP-RX02-0-2	RX02 ENGINEERING SPECIFICATION	E/M				
	EK-ØRXØ2-TM	RXØ2 TECHNICAL MANUAL	E/M	8	B-DD-7013077-Ø	FLEXIBLE DISK DRIVE ASSY. - DRAWING DIRECTORY	-
	C-IA-7015580-Ø-Ø	CABLE ASSY. - M7744/M7745	E/M		E-UA-7013077-Ø-Ø	FLEXIBLE DISK DRIVE ASSY.	E/M
	E-IA-7412666-Ø-Ø	COVER, TOP	M		B-PL-7013077-0-0	FLEXIBLE DISK DRIVE ASSY. - P/L	-
	D-UA-BC05L-Ø-Ø	CABLE, JUMPER	E/M				
	C-MD-7409479-Ø-Ø	PLATE, PRESSURE	M	9	A-SP-3700229-Ø-Ø	PACKAGING INSTRUCTIONS - DRIVE	-
	C-MD-7413350-Ø-Ø	BRACKET, SHIPPING	M				
	A-PS-1212157-Ø-Ø	SLIDES, CHASSIS	M				
				10	B-DD-M7745-Ø	RX02 READ/WRITE CONTROL BOARD- DRAWING DIRECTORY	-
2	D-AD-7010721-Ø-Ø	BEZEL ASSY.	M		D-UA-M7745-Ø-Ø	RX02 READ/WRITE CONTROL BOARD - ASSY.	E
	E-MD-741450-Ø-Ø	BEZEL (DIECAST)	M		K-PL-M7745-Ø-Ø	RX02 READ/WRITE CONTROL BOARD - PARTS LIST	E
					D-CS-M7745-Ø-1	RX02 READ/WRITE CONTROL BOARD - CIRCUIT SCHEMATIC	E
3	D-IA-7413002-Ø-Ø	PLATE, FRONT, SINGLE DRIVE	M	11	B-DD-M7744-Ø	RX02 FLOPPY DISK CONTROLLER BD-DRAWING DIRECTORY	-
	C-SS-7413002-Ø-Ø	SILK SCREEN, SINGLE DRIVE	M		D-UA-M7744-Ø-Ø	RX02 FLOPPY DISK CONTROLLER BD-ASSY.	E
					K-PL-M7744-Ø-Ø	RX02 FLOPPY DISK CONTROLLER BD. - PARTS LIST	E
					D-CS-M7744-Ø-1	RX02 FLOPPY DISK CONTROLLER BD. - CIRCUIT SCHEMATIC	E
4	D-IA-7412853-Ø-Ø	PLATE, FRONT, DUAL DRIVE	M				
	C-SS-7412853-Ø-Ø	SILK SCREEN, DUAL DRIVE	M				
5	D-IA-7010679-Ø-Ø	CHASSIS, W/HINGE	M				
	E-IA-7412665-Ø-Ø	CHASSIS, FLEXIBLE DISK DRIVE	M				
	C-MD-7413236-Ø-Ø	HINGE, LOGIC	M				
6	B-DD-7013503-Ø	PLENUM/FAN ASSY. - DRAWING DIRECTORY (OLD STYLE)	-	12	A-SP-3700185-Ø-Ø	PACKAGING INSTRUCTIONS - INTERPLANT (W/BEZEL)	-
	E-UA-7013503-Ø-Ø	PLENUM/FAN ASSY. (OLD STYLE)	E/M				
				13	A-SP-3700185-01	PACKAGING INSTRUCTIONS - INTERPLANT (W/O BEZEL)	-
	B-DD-7015622-Ø	PLENUM/FAN ASSY. - DRAWING DIRECTORY (NEW STYLE)	-				
	E-UA-7015622-Ø-Ø	PLENUM/FAN ASSY. (NEW STYLE)	-	14	A-SP-3700193-Ø-Ø	PACKAGING INSTRUCTIONS - CUSTOMER	-

TYPE: E ELECTRICAL
M MECHANICAL
E/M ELECTRO/MECHANICAL

digital

TITLE

RX02-FLOPPY DISK DRIVE

SHEET 3 OF 3

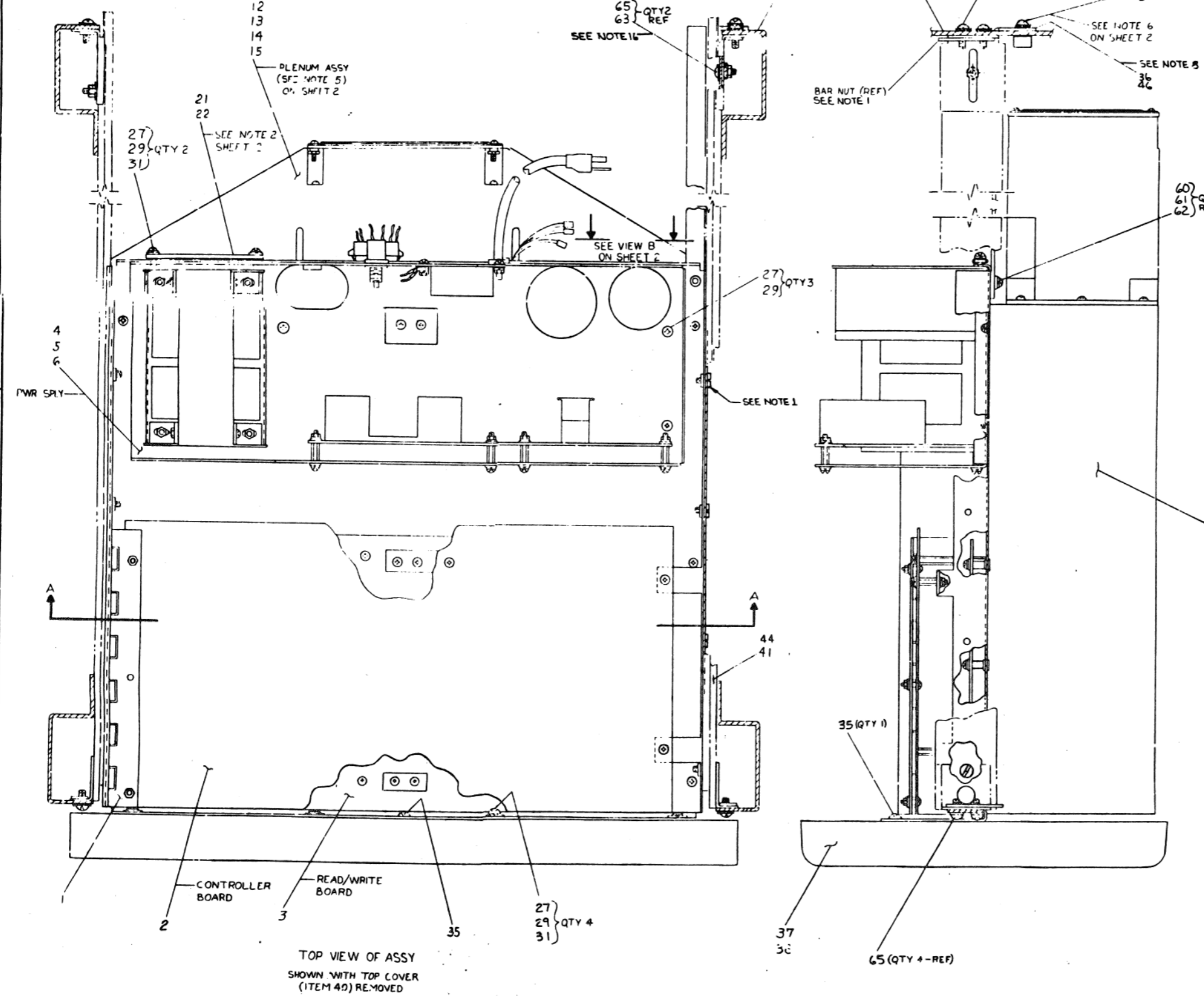
SIZE CODE
B DD

NUMBER
RX02-Ø

REV
C

DRR 108A

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VARIATIONS	DESCRIPTION
RX02-AA	SINGLE FLOPPY DISK SYSTEM, 110V, 50 HZ
RX02-AC	SINGLE FLOPPY DISK SYSTEM, 110V, 60 HZ
RX02-AD	SINGLE FLOPPY DISK SYSTEM, 230V, 50 HZ
RX02-BA	DUAL FLOPPY DISK SYSTEM, 110V, 50 HZ
RX02-BC	DUAL FLOPPY DISK SYSTEM, 110V, 60 HZ
RX02-BD	DUAL FLOPPY DISK SYSTEM, 230V, 50 HZ
RX02-CA	SINGLE ADD-ON FLOPPY DISK DRIVE - 50 HZ
RX02-CC	SINGLE ADD-ON FLOPPY DISK DRIVE - 60 HZ
RX02-DA	RX02-BA, NO BEZEL / COVER
RX02-DC	RX02-AC, NO BEZEL / COVER
RX02-DD	RX02-AD, NO BEZEL / COVER
RX02-LA	RX02-BA, NO SLIDES / COVER
RX02-LC	RX02-BC, NO SLIDES / COVER
RX02-LD	RX02-BD, NO SLIDES / COVER
RX02-NA	RX02-AA, NO SLIDES / COVER
RX02-NC	RX02-AC, NO SLIDES / COVER
RX02-ND	RX02-AD, NO SLIDES / COVER
RX02-VA	RX02 SINGLE FOR KIT 15, 110V, 60 HZ
RX02-VC	RX02 SINGLE FOR KIT 15, 110V, 50 HZ
RX02-VD	RX02 SINGLE FOR KIT 15, 230V, 50 HZ

INSTALLATION HARDWARE (SEE NOTE 13)					
HARDWARE KIT 70-1035-0-0					
RX02 ASSY	KIT LIST	COMPL RX02	SLIDE MTG	COVER MTG	UL BRKT
FIND NO	FIND NO	MTG KIT	ITEM 41	ITEM 40	ITEM 36
60	1	1	-	-	-
61	2	1	-	-	1
62	3	1	-	-	1
63	4	2	2	-	-
64	5	5	-	4	1
65	6	15	10	4	1

NOTE: -00 KIT IS ONE EACH -02, -03, -04

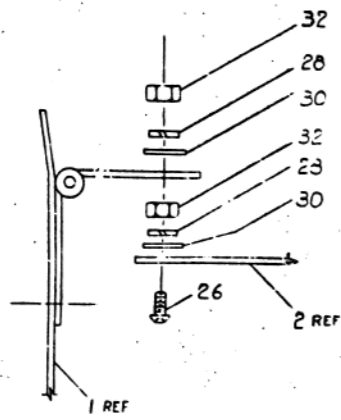
ALL NOTES ARE ON SHEET 2
FOR PARTS LIST, SEE C-PL-RX02-00

DESCRIPTION	QTY	UNIT	REV
RX02 FLOPPY DISK DRIVE ASSY <td>1</td> <td>EA</td> <td>1</td>	1	EA	1

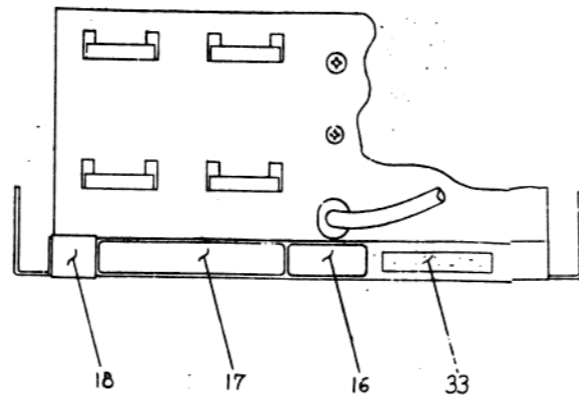
DATE: 1/17/77
BY: [Signature]
CHKD: [Signature]
APP'D: [Signature]
MATERIAL: SEE C-PL-RX02-00
SCALE: NONE
SHEET: 4 OF 4

REV	DESCRIPTION	DATE	BY	CHKD
1	INITIAL RELEASE	1/17/77	[Signature]	[Signature]
2	REVISED TO ADD KIT 15	1/17/77	[Signature]	[Signature]
3	REVISED TO ADD KIT 15	1/17/77	[Signature]	[Signature]
4	REVISED TO ADD KIT 15	1/17/77	[Signature]	[Signature]
5	REVISED TO ADD KIT 15	1/17/77	[Signature]	[Signature]
6	REVISED TO ADD KIT 15	1/17/77	[Signature]	[Signature]
7	REVISED TO ADD KIT 15	1/17/77	[Signature]	[Signature]

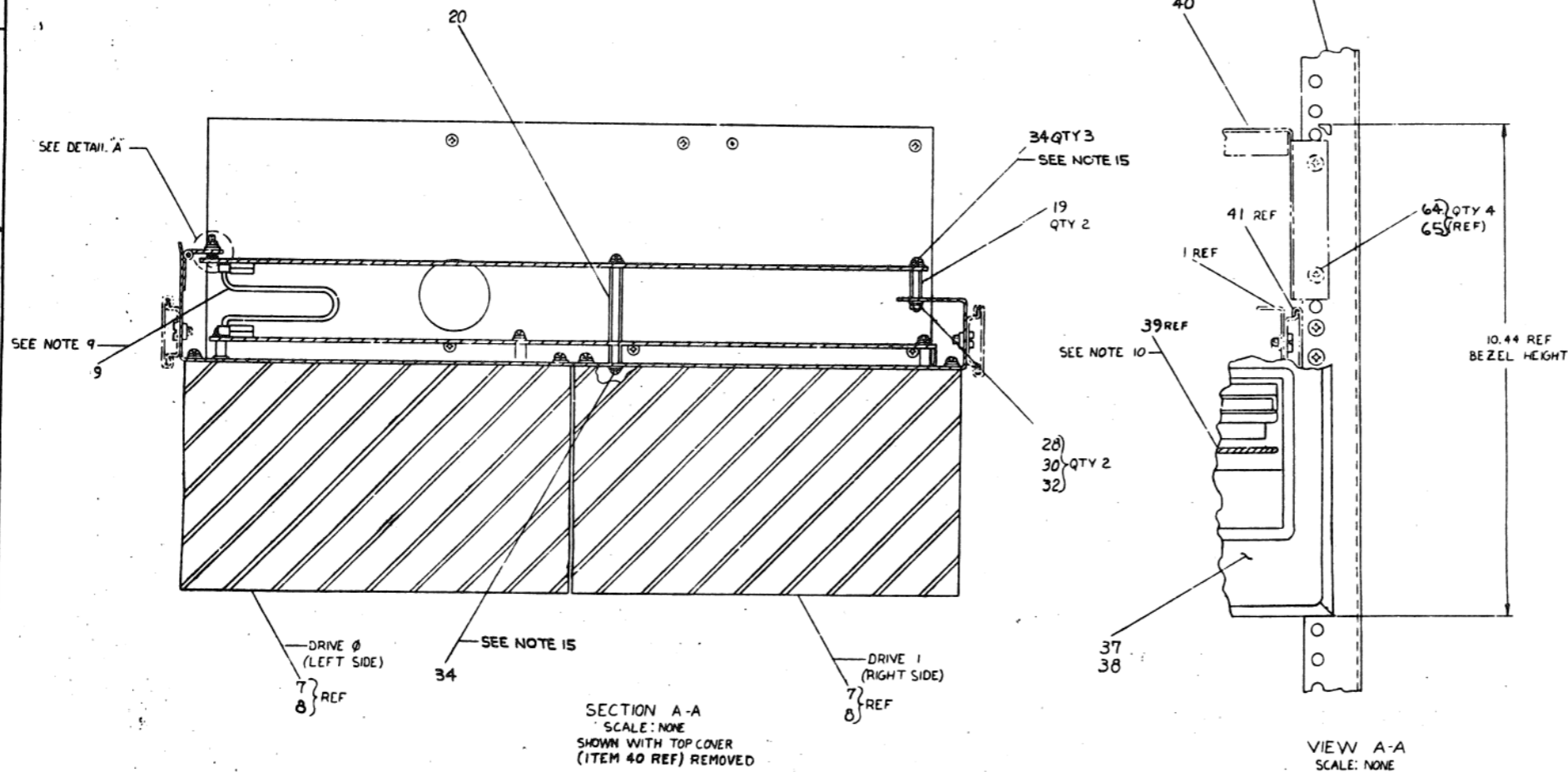
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DETAIL A
2 PLACES



VIEW B-B
REAR VIEW
PLENUM AND DRIVE
NOT SHOWN



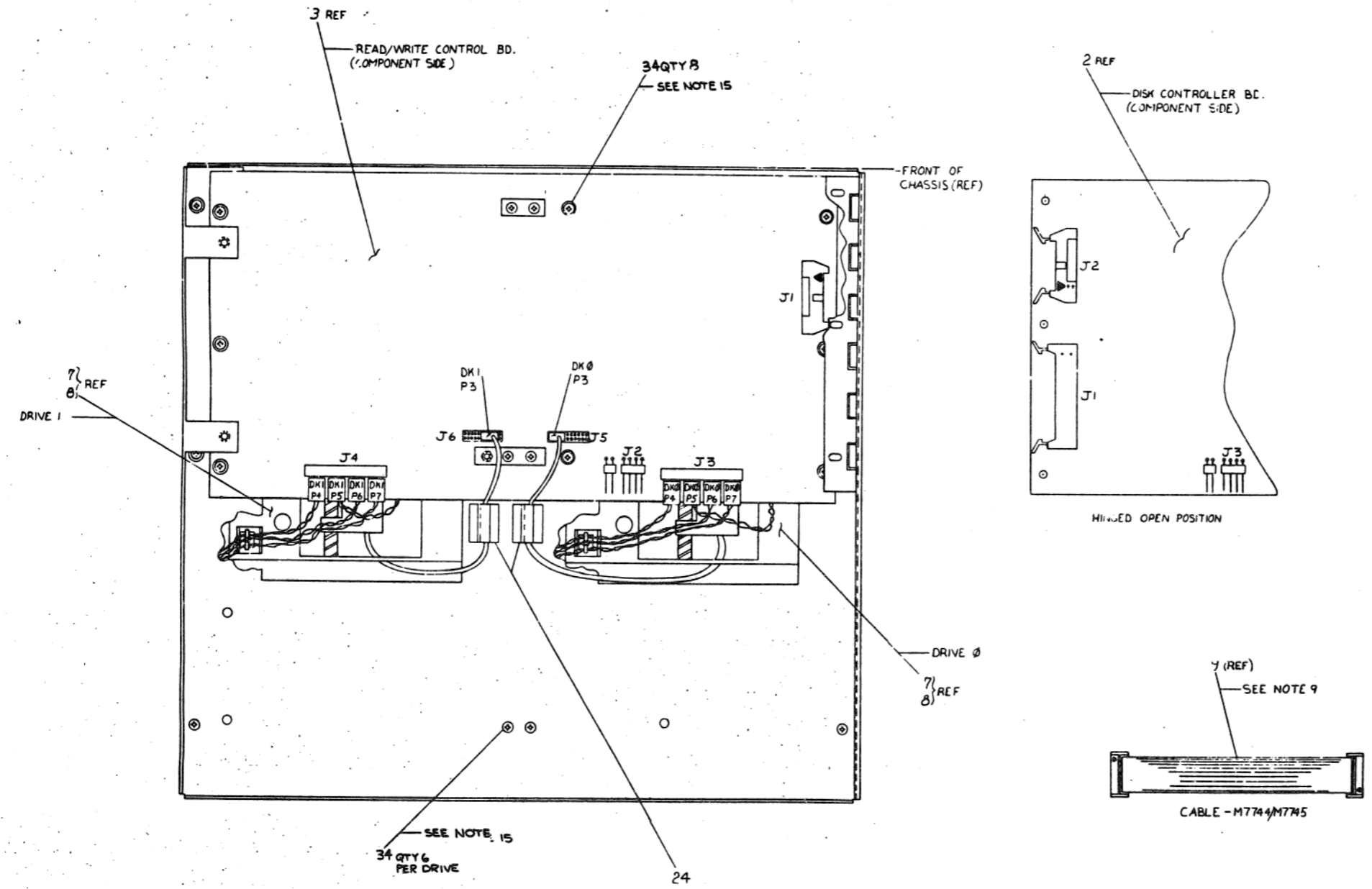
SECTION A-A
SCALE: NONE
SHOWN WITH TOP COVER
(ITEM 40 REF) REMOVED

VIEW A-A
SCALE: NONE

NOTES:

- 1- 8 EACH BINDER HD SCR. # 3/8 X 3/8 L TO MOUNT SLIDES TO CHASSIS AND 4 EACH #10-32 BARNULTS TO MOUNT SLIDES TO CAB UPRIGHTS ARE SUPPLIED WITH EACH SET OF SLIDES. SEE PURCH. SPEC. (ITEM 4) FOR ASSY INSTRUCTIONS.
- 2 THE "BC05 CABLE" ITEM #10 OR 11 MUST HAVE THE RED STRIPE FACING THE FRONT OF THE CHASSIS (IN A SIDE OF CONN) WHEN IT IS PLUGGED INTO THE CONTROL BOARD. DRESS THE CABLE AGAINST THE WALL OF THE CHASSIS & ROUTE THE CABLE OUT OF THE REAR OF THE CHASSIS THEN DOWN THROUGH THE PRESSURE PLATE (ITEM #21).
- 3- WITH A SINGLE DRIVE SYSTEM, TIE "PWR SPLY. PWR HARNS-P3" TO REAR OF POWER SUPPLY USING A TIE WRAP (ITEM #23).
- 4- TO SELECT VOLTAGE ON 50HZ VARIATIONS SEE LEGEND ON POWER SUPPLY DRAWING E-UA-H771-0-0.
- 5- PLENUM/FAN ASSY (ITEMS #12,13,14#15) SHOWN ON THIS DRAWING. FOR MOUNTING INSTRUCTIONS SEE DRAWING E-UA-7015622-0-0.
- 6- FOR LA,LC&LD VARIATIONS, RACK MTG. HARDWARE & CABINET MOUNTING IS NOT USED.
- 7- IF NO PLENUM ASSY (ITEMS #12,13,14#15) IS USED, A BLANK FEMALE HOUSING ON END OF FAN PLUG IS PROVIDED.
8. TO FULFILL UL/CSA REQUIREMENTS, ITEM 36 A BLACK SHIPPING BRACKET, MUST BE MOUNTED IN PLACE WHENEVER DRIVE IS IN SERVICE. ITEM 36 MAY BE UNBOLTED FROM CABINET FOR MAINTENANCE PURPOSES BUT MUST BE REPLACED WHEN RESTORING DRIVE TO NORMAL SERVICE.
- 9- ITEM 9 (BD INTERCONNECT CABLE) IS TO BE INSTALLED WITHOUT A TWIST.
- 10- A DISKETTE, ITEM 39, IS SUPPLIED WITH EACH DRIVE OF A FLOPPY DISK SYSTEM.
- 11- WHEN PLENUM IS USED, MATCH WIRING COLORS FROM FAN HARNESS TO POWER HARNESS & 4 BLANK FEMALE HOUSING.
- 12 THE RX02 DISK CONTROLLER MODULE (ITEM 2) HAS A DUAL SWITCH WHICH MUST BE MANUALLY POSITIONED FOR PROPER OPERATION WITH DIFFERENT INTERFACES AND SYSTEMS. SEE USER'S GUIDE (EKRX02-UG) FOR PROPER SWITCH CONFIGURATION REQUIRED. REFER TO DETAIL "B" ON SHEET #4 OF 4.
- 13 ITEMS 60 THRU 65 ON THIS ASSY ARE ALL REFERENCE ITEMS. THESE ITEMS ARE SUPPLIED BY THE HARDWARE KIT (A-PL-7017055-0-0) AND ARE SHOWN AT THIS ASSY LEVEL FOR MOUNTING AND INSTALLING FOR THE DIFFERENT RX02 VARIATIONS.
- 14 FOR EARLIER VERSIONS OF PLENUM/FAN ASSY (TYPE WITH BOXER FAN) REFER TO E-UA-RX02-00 REV. A.
15. SEMS SCREWS, ITEM 34, CAN BE REPLACED BY USING ONE EACH OF ITEMS 25,28 & 30. TORQUE SEMS SCREWS TO 8±1 IN-LBS.
16. ONLY CHASSIS TRACK SLIDES REQUIRE ITEMS 63 AND 65.

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RX02 FLOPPY DISK DRIVE ASSY		REV. C
FORM 1	1	2

4 3 2 1

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		RX02-AA	RX02-AC	RX02-AD	RX02-BA	RX02-BC	RX02-BD	RX02-CA	RX02-CC	RX02-DA	RX02-DC	RX02-DD	RX02-AA	RX02-LC	RX02-LD	RX02-NA	RX02-NC	RX02-ND	RX02-VA	RX02-VC	RX02-VD
1	D-IA-7010670-0-0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	D-UA-M7744-0-0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	D-UA-M7745-0-0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	E-UA-H771-A-0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	E-UA-H771-C-0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	E-UA-H771-E-0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	E-UA-7013-77-00	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	E-UA-7013077-01	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	C-IA-7015580-0-0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	D-JA-BC05L-15-0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	D-UA-BC05L-8-0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	E-UA-7015622-0-4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	E-UA-7015622-0-5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	E-UA-7015622-0-6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	E-UA-7015622-0-7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	A-PS-3613211-00	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	A-PS-3613210-00	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	A-PS-3612067-00	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	9009120-02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	9007604-00	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	C-MD-7409479-0-0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	9107245-00	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	9007031-00	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	9008341-00	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	9006023-01	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	9006024-01	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	9006039-01	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
28	9007801-00	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
29	9006690-00	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
30	9006653-00	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
31	9006666-00	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
32	9006558-00	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
33	3615996-01	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
34	9009984-02	18	18	18	24	24	24	6	6	24	24	24	24	24	18	18	18	18	18	18	18
35	9009813-00	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
36	C-MD-7413350-01	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
37	D-AD-7010721-03	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
38	D-AD-7010721-04	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
39	A-PS-3612408-00	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
40	E-IA-7412666-0-0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
41	A-PS-1212157-00	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

REV. C. PL. NAME RXC2-0-0

REV.	CHANGE NO.	DATE	BY
A	ML001	2 FEB 79	R. MORIN
B	ML002	2 FEB 79	R. MORIN
C	ML003	2 FEB 79	W. J. SMITH
D	ML004	2 FEB 79	W. J. SMITH
E	ML005	2 FEB 79	G. SCHNEIDER

DRN. <i>R. Morin</i>	1597 78	FIRST USED ON	RX02	digital
CHK'D <i>R. Morin</i>	1597 78	TITLE	RX02 FLOPPY DISK DRIVE ASSY.	
ENG. <i>R. Morin</i>	1597 78	PROJ. ENG. <i>R. Morin</i>	9-1-78	
PROD. <i>R. Morin</i>	9-1-78	NEXT HIGHER ASSY.		
B-DD-RX02-0	SCALE	SIZE	CODE	NUMBER
		C	PL	RXC2-0-0
SHEET 1 OF 2		DIST.		REV. C

DEC FORM NO. 110 A

4 3 2 1

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			RX02-AA	RX02-AC	RX02-AD	RX02-BA	RX02-BC	RX02-BD	RX02-CA	RX02-CC	RX02-DA	RX02-DC	RX02-DD	RX02-EA	RX02-EC	RX02-LD	RX02-NA	RX02-NC	RX02-ND	RX02-VA	RX02-VC	RX02-VD
42																						
43	A-PL-7017035-00	HARDWARE KIT, RX02	1	1	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	A-PL-7017035-02	HARDWARE KIT, SLIDES	-	-	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-	-	-
45	A-PL-7017035-03	HARDWARE KIT, TOP COVER	-	-	-	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-	-
46	A-PL-7017035-04	HARDWARE KIT, SHIP, BRKT (U.L.)	-	-	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	1	1	1
47																						
48	A-SP-3700185-00	PACK, INSTR-INTERPLANT W/BEZEL	1	1	1	1	1	1	-	-	-	-	1	1	1	1	1	1	-	-	-	-
49	A-SP-3700185-01	PACK, INSTR-INTERPLANT W/O BEZEL	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	-	-	-	-
50	A-SP-3700193-0-0	PACK, INSTR-CUSTOMER (SEE NOTE)	*	*	*	*	*	*	-	-	1	1	-	-	-	-	-	-	1	1	1	-
51	A-SP-3700229-0-0	PACK, INSTR-DRIVE	-	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-
52																						
53																						
54																						
55																						
56																						
57																						
	ASSEMBLY	REFERENCE ONLY																				
60	9006039-01	SCR, PH, P.H., 8-32 X .50L	1	1	1	1	1	1	-	-	1	1	1	-	-	-	-	-	1	1	1	-
61	9006690-00	WASHER, LOCK SPLIT, NO 8	1	1	1	1	1	1	-	-	1	1	1	-	-	-	-	-	1	1	1	-
62	9006666-00	WASHER, FLAT NO 8	1	1	1	1	1	1	-	-	1	1	1	-	-	-	-	-	1	1	1	-
63	9006565-00	NUT, KEP, HEX, 10-32	2	2	2	2	2	2	-	-	2	2	2	-	-	-	-	-	1	1	1	-
64	9007786-00	NUT, TINNERMAN, 10-32	5	5	5	5	5	5	-	-	1	1	1	-	-	-	-	-	1	1	1	-
65	9009700-00	SCR, SEMS, TRUSS HD, 10-32 X .50L	15	15	15	15	15	15	-	-	11	11	11	-	-	-	-	-	1	1	1	-

NOTE: ITEM 50 USED AS REQ'D FOR CUSTOMER SHIP ONLY.

REV.	CHANGE NO.	REVISIONS

DRN R.P. MORIN	1 SEPT 78	FIRST USED ON	RX02
CHK R.P. MORIN	1 SEPT 78	TITLE	RX02 FLOPPY DISK DRIVE ASSY.
ENG. R.P. MORIN	1 SEPT 78		
PROJ. ENG. GLAVIN	9-1-78		
PROD. M. DURHAM	9-1-78		
NEXT HIGHER ASSY.			
B-DD-RX02-0	SIZE	CODE	NUMBER
SCALE	++	C	PL RX02-0-0
SHEET 2	OF 2	DIST.	

REV. C
NUMBER RX02-0-0
SIZE CODE C



DRAWING NO.	NO. OF SHTS.	PART NO.	DESCRIPTION	REVISIONS																					
				B	C	D	E	F	H	J															
D-UA-M7744-Ø-Ø	3		RXØ2 FLOPPY DISK CONTROLLER	B	C	D	E	F	H	J															
K-PL-M7744-0-DBP	2		PARTS LIST DATA BASE	B	C	D	E	F	H	J															
D-CS-M7744-Ø-1	10		RXØ2 FLOPPY DISK CONTROLLER	B	C	D	E	F	H	J															
D-MD-5012891-Ø-Ø	4		DRILL & ETCH DWG.	B	B	C	C	C	C	C															
B-DD-M7744-Ø	1		RXØ2 FLOPPY DISK CONTROLLER	*	A	B	C	D	E	F															
		5012891	ETCHED CIRCUIT BOARD	C	C	D	D	D	D	D															
K-PC-M7744-Ø-DBØ	-		P.C. DESIGN DATA BASE	-	-	D	D	D	D	D															

NOTES:

REVISIONS		REV.
DATE	CHG NO.	
5/78	00001	A
6/78	00002	B
10/78	MLØØ3	C
12/78	MLØØ4	D
1/80	MLØØ5	E
6/80	MLØØ6	F

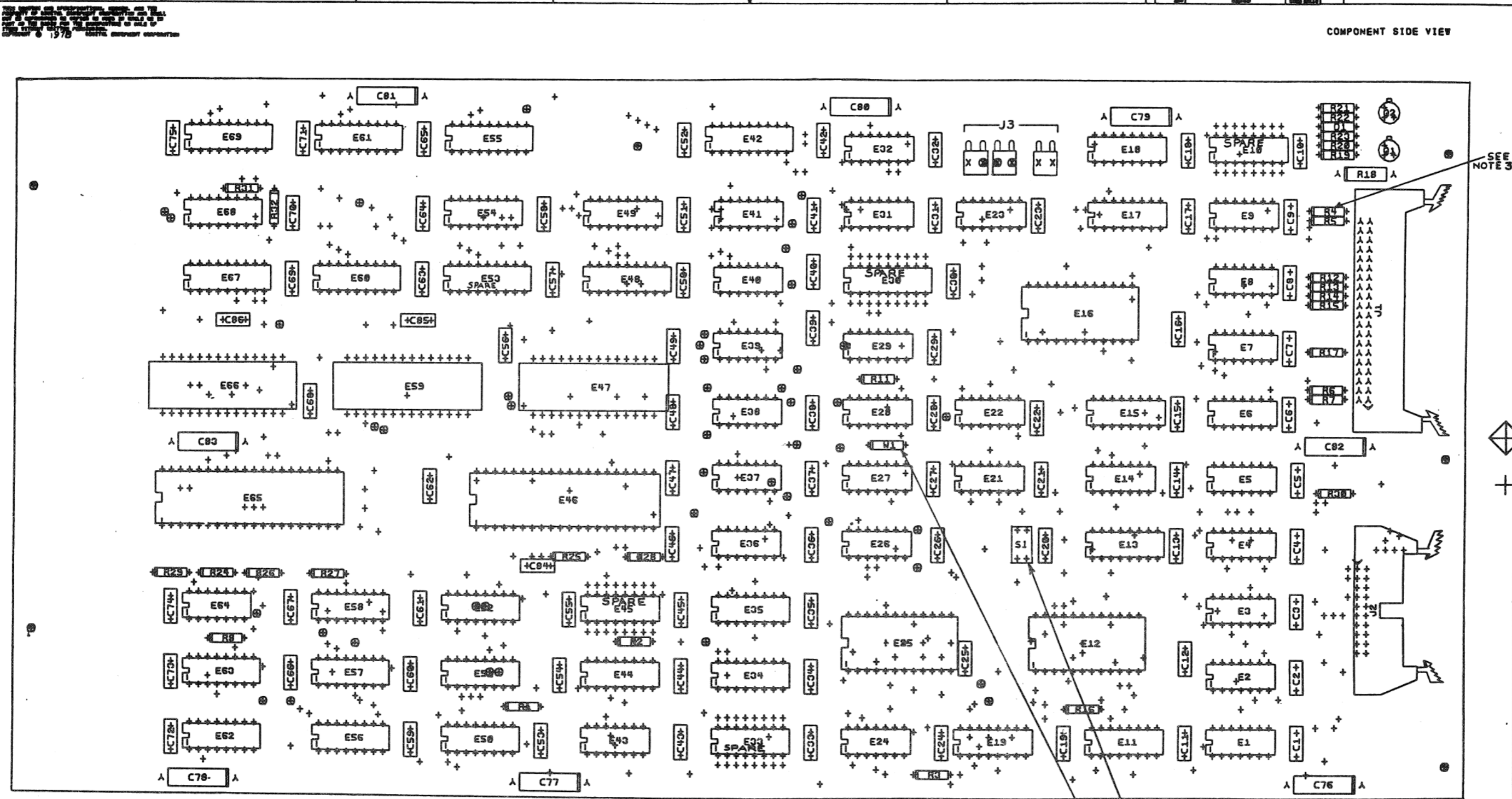
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 DRB 126



USED ON OPTION/MODEL	DRN.	DATE
RXØ2	D. MAYUSKI	8/10/77
	CHK'D K. GRIGGS	12/12/77
	ENG. K. GRIGGS	2/3/78
	PROD. W. BROWN	2/3/78

TITLE RXØ2 FLOPPY DISK CONTROLLER			
SIZE B	CODE DD	NUMBER M7744-Ø	REV. F
SHEET 1 OF 1			

COMPONENT SIDE VIEW



- NOTES:
1. W1 INSERTED AFTER GR TEST
 2. IC'S ARENT TO BE INSERTED IN LOCATIONS E42, E55, E61 AND E69.
 3. R4 IS A SPARE RES.

CHK	CHANGE NO	REV	BY	DATE

TABLE A

BOARD VERSION	SWITCH POS.
-0	OFF ON
-YA	ON OFF
-YB	OFF OFF

ETCH REV. D-P1
P.C. DESIGN DATA BASE REV. D

SIGNATURES		DATE
DRN. RD.		11/29/78
CHK'D. J. G. GRIGGS		11/29/78
ENG. R. J. GREGG		12/1/78
PROD. R. J. GREGG		12/1/78
SCALE 2/1		SIZE CODE
SHT. 1 OF 3		NUMBER
NEXT HIGHER ASSY: 8-DD-M7744-0		REV

digital
TITLE RX02 FLOPPY
DISK CONTROLLER

PARTS LIST

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION	REFERENCE DESIGNATOR
					00	
1	1	D-CS-M7744-0-1		CIRCUIT SCHEMATIC		REF
2	2	D-UA-M7744-0-0		UNIT ASSY.		REF
3	3	B-DD-M7744-0-0		DWG.DIRECTORY		REF
4	4	D-MD-5012891-0-0		DRILL&ETCH DWG.		REF
5	5		5012891-00	RX02 FLOPPY DISC CONTROLLER	1	
6	6		1001610-00	.01 MFD 50V +80-20% 25U CER	78	
7	7		1012084-01	8 MFD 25V +75-10% AL EL	8	C1-C75,C84-C86
8	8		1104860-00	1N 746A VZ= 3.3 5%	1	C76-C83
9	9		1209941-02	HEADER 100 40POS RT ANGLE	1	D1
10	10		1209941-03	HEADER RT ANGLE LEFT L	2	J1
11	11		1209941-04	HEADER RT ANGLE,RIGHT	2	
12	12		1209941-06	HEADER.100 20POS RT ANGLE	1	
13	13		1212204-00	HEADER.156 2POS RT ANGLE	1	J2
14	14		1300228-00	100.0 .50 W 5.0 % CC	1	J3
15	15		1300250-00	150.0 .25 W 5.0 % CC	1	R18
16	16		1300271-00	220.0 .25 W 5.0 % CC	5	R17
17	17		1300295-00	330.0 .25 W 5.0 % CC	1	R25-R28,R31
18	18		1300309-00	390.0 .25 W 5.0 % CC	4	R32
19	19		1300365-00	1.0 K .25 W 5.0 % CC	9	R5,R7,R13,R15
20	20		1300479-00	10.0 K .25 W 5.0 % CC	1	R1-R3,R8,R11,R16,R24,R29,R30
21	21		1301322-00	180.0 .25 W 5.0 % CC	5	R19
22	22		1302873-00	261.0 .25 W 1.0 % RN55D-F10	1	R6,R12,R14,R20,R21
23	23		1305124-00	287.0 .25 W 1.0 % RN55D-F10	1	R22
24	24		1510705-00	XA 05 NPN 500MW SI 60 50 P	1	R23
25	25		1510706-00	XA 55 PNP 500MW SI 60 50 P	1	Q2
26	26		1811660-00	OSCILLATOR, XTAL 20.000 MHZ	1	Q1
27	27		1909701-00	74154 1 OF 16,BINA	1	E27
28	28		1909705-00	DEC 8881 NAND GATE-QUAD 2IN 0	2	E16
29	29		1910091-00	DEC 7437 AND GATE-QUAD 2IN,BU	1	E7,E8
30	30		1910153-00	DEC 74150 MUX 1 OF 16	2	E21
						E12,E25

REVISION HISTORY		BASIC PART NO: M7744		DRN:	V.MANGUADIS	DATE:	18-MAY-78	D I G I T A L			
ENG	ECO NUMBER	REV	SECTION A OF A	CHK'D:	K.GRIGGS	DATE:	18-MAY-78	PARTS LIST			
R.R	00001	C	SECTION.VARIATION INDEX	DES.ENG:	K.GRIGGS <td>DATE:</td> <td>18-MAY-78 <td colspan="4">TITLE</td> </td>	DATE:	18-MAY-78 <td colspan="4">TITLE</td>	TITLE			
CL	00002	D	[A] 00	RESP.ENG.:	K.GRIGGS <td>DATE:</td> <td>18-MAY-78 <td colspan="4">RX02 FLOPPY DISK CONTROLLER</td> </td>	DATE:	18-MAY-78 <td colspan="4">RX02 FLOPPY DISK CONTROLLER</td>	RX02 FLOPPY DISK CONTROLLER			
ILT	ML003	E	[B]	MFG.ENG.:	J.MONCHELLI <td>DATE:</td> <td>18-MAY-78 <td colspan="4">DOCUMENT NUMBER</td> </td>	DATE:	18-MAY-78 <td colspan="4">DOCUMENT NUMBER</td>	DOCUMENT NUMBER			
K.G	M7744-ML004	F	[C]	ASSEMBLY NUMBER:	D-UA-M7744-0-0 <td>TOP DOCUMENT NUMBER:</td> <td>RX02 <td>SIZE</td> <td>CODE</td> <td>NUMBER</td> <td>REV</td> </td>	TOP DOCUMENT NUMBER:	RX02 <td>SIZE</td> <td>CODE</td> <td>NUMBER</td> <td>REV</td>	SIZE	CODE	NUMBER	REV
KG	M7744-ML005	H	[D]					K	PL	M7744-0-DBP	J
DP	M7744-ML006	J	[E]								
			[F]								
			[G]								
			[H]								
			[I]								
			[J]								
			[K]								
			[L]								
			[M]								
			[N]								
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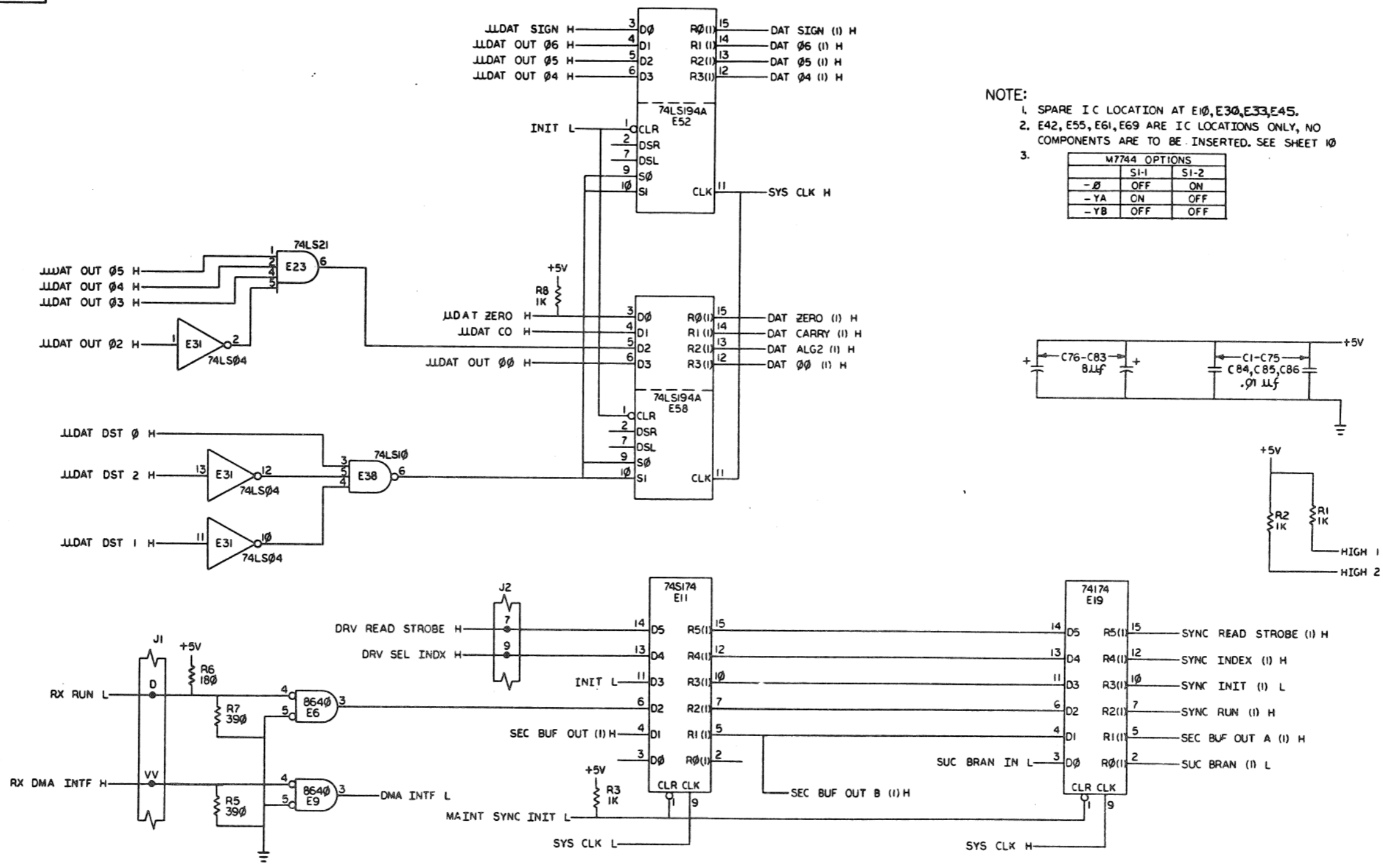
PARTS LIST

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION 00	REFERENCE DESIGNATOR
31	31	1910155-00	DEC 7408 AND GATE,POS,QUAD 2I	2	E3,E4
32	32	1910532-00	74S00 NAND GATE-QUAD 2IN	2	E32,E41
33	33	1910534-00	74S04 INVERTER GATE-HEX 1I	2	E5,E64
34	34	1910536-00	74S10 NAND GATE-TRIPLE 3IN	1	E39
35	35	1910541-00	74S40 NAND GATE-DUAL 4IN,B	1	E22
36	36	1910544-00	74S74 FF-D DUAL,EDGE TRIGG	1	E28
37	37	1910547-00	74S153 MUX 1 OF 4 (DUAL)	1	E44
38	38	1910550-00	74S174 FF-D HEX	1	E11
39	39	1910651-00	DEC 74175 FF-D QUAD	1	E49
40	40	1910652-00	74174 FF-D HEX	3	E19,E54,E68
41	41	1911469-00	DEC 8640 RECEIVER,BUS,QUAD,U	2	E6,E9
42	42	1911713-00	74163 COUNTER,SYNCHR,4-BIT	2	E34,E35
43	43	1912389-00	74S08 AND GATE-QUAD 2IN,PO	1	E40
44	44	1912696-00	LS194A SHIFT REG.,4BIT BI-D	2	E52,E58
45	45	1912803-00	LS04 INVERTER GATE-HEX 1I	2	E29,E31
46	46	1912805-00	LS08 AND GATE-QUAD 2IN,PO	1	E37
47	47	1912807-00	LS10 NAND GATE-TRIPLE 3IN	1	E38
48	48	1912808-00	LS11 AND GATE-TRIPLE 3IN	1	E26
49	49	1912811-00	LS21 AND GATE-DUAL 4IN,PO	2	E23,E36
50	50	1912820-00	LS51 A-D-I GATE 2-WIDE 2I	1	E24
51	51	1912823-00	LS73 FF-JK DUAL W/CLEAR	3	E1,E2,E14
52	52	1912834-01	74LS112N FF-JK DUAL,EDGE TRIG	5	E13,E15,E17,E18,E50
53	53	1912849-00	LS161 COUNTER,SYNCHR,4BIT	3	E51,E57,E63
54	54	1913245-00	2901 BIPOLAR MICROPROCESSO	2	E46,E65
55	55	1913474-00	9401 GENERATOR/CHECKER CR	1	E43
56	56	1913772-00	AM 2909DC MICROPROGRAM SEQUEN	3	E47,E59,E66
57	57	2111318-01	2102-1 RAM,1024BIT,STATIC	2	E56,E62
58	58	23229F1-00	F1-01	1	E67
59	59	23230F1-00	F1-01	1	E60
60	60	23431F1-00	F1-01	1	E53
61	61	23232F1-00	F1-01	1	E48
62	62	9009185-00	JUMPER, WIRE, INSULATED, BLACK B	1	W1
63	63	9009185-00	*** THIS ITEM IS NOT USED ***	-	
64	64	1211164-07	SW,DIP 1P 1A 2POS	1	S1
65	65	9105740-55	*** THIS ITEM IS NOT USED ***	-	

D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							RX02 FLOPPY DISK CONTROLLER		K	PL	M7744-0-DBP	J

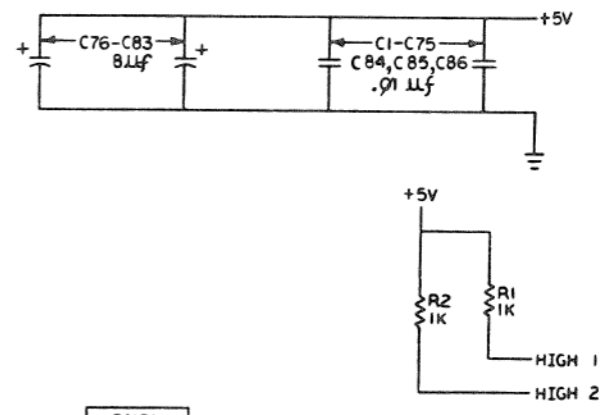
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1-0-57211: 2



NOTE:
 1. SPARE I C LOCATION AT E10, E30, E33, E45.
 2. E42, E55, E61, E69 ARE I C LOCATIONS ONLY, NO COMPONENTS ARE TO BE INSERTED. SEE SHEET 10
 3.

M7744 OPTIONS		
	SI-1	SI-2
-Ø	OFF	ON
-YA	ON	OFF
-YB	OFF	OFF

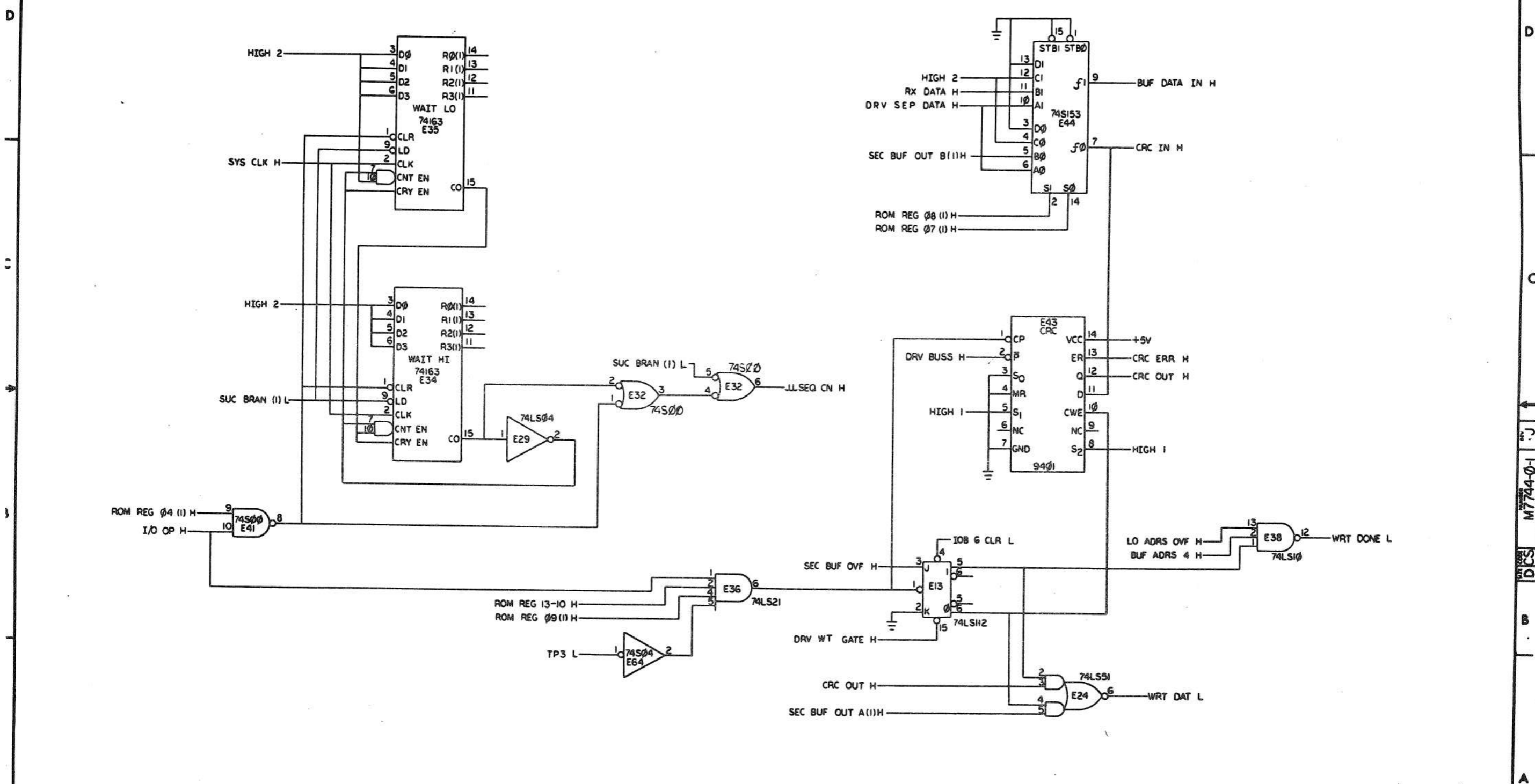


REV.	CHANGED BY	DATE
1	BT	1/17/74
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50	BT	2/1/74

DRN: [Signature]	FIRST USED ON: RX02	digital
CHKD: [Signature]	DATE: 2/1/74	
ENG: [Signature]	TITLE: RX02 FLOPPY DISK CONTROLLER	
PROJ. ENG: [Signature]	DATE: 2/1/74	
PROD: [Signature]	DATE: 2/1/74	
NEXT HIGHER ASSY:		
B-DD-M7744-Ø	SIZE: D	CODE: CS
SCALE: 1	NUMBER: M7744-Ø-1	REV: J
SHEET: 1	OF 10	DIST:

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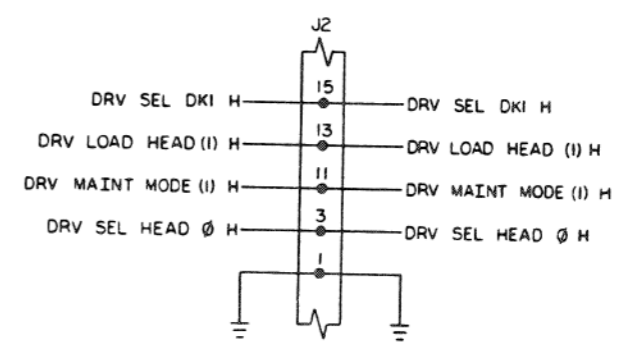
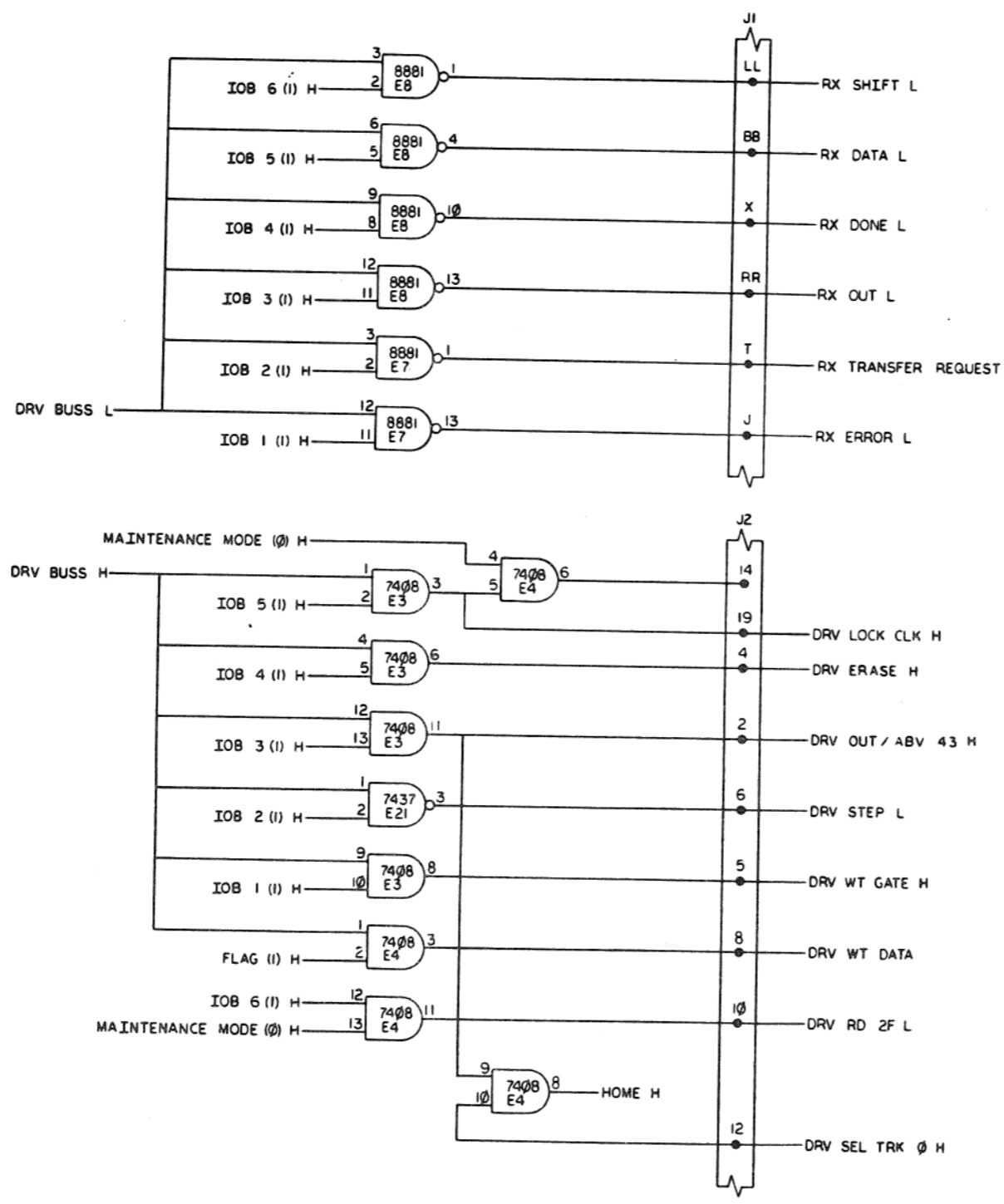
M7744-0-1 DCS 2



REVISIONS		
CHK	CHANGE NO.	REV.

TITLE RX02 FLOPPY DISK CONTROLLER
 SCALE 1:1 SHEET 2 OF 10
 NUMBER M7744-0-1
 REV. J

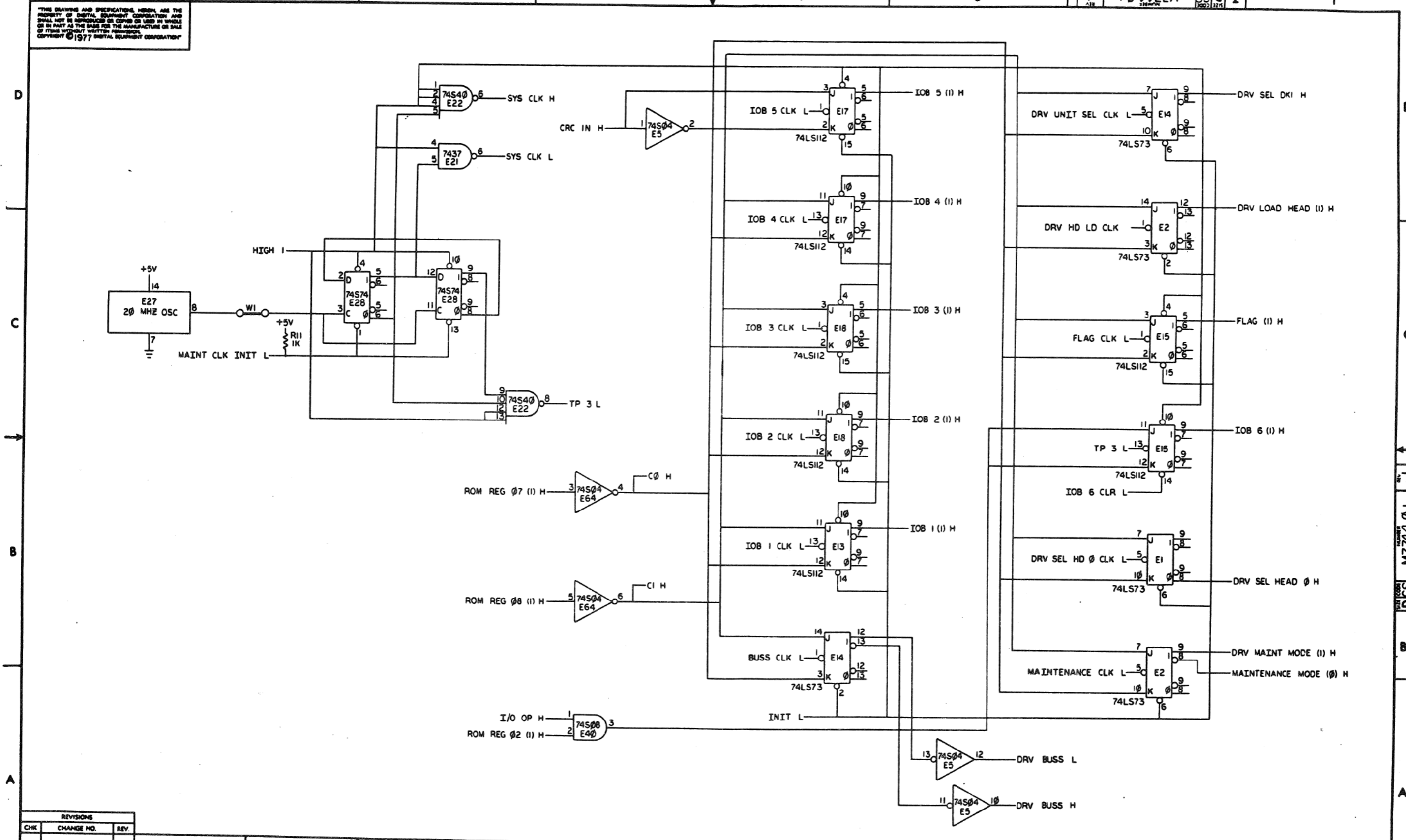
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REVISIONS		
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1-0-0222W DCS M7744-0-1 2



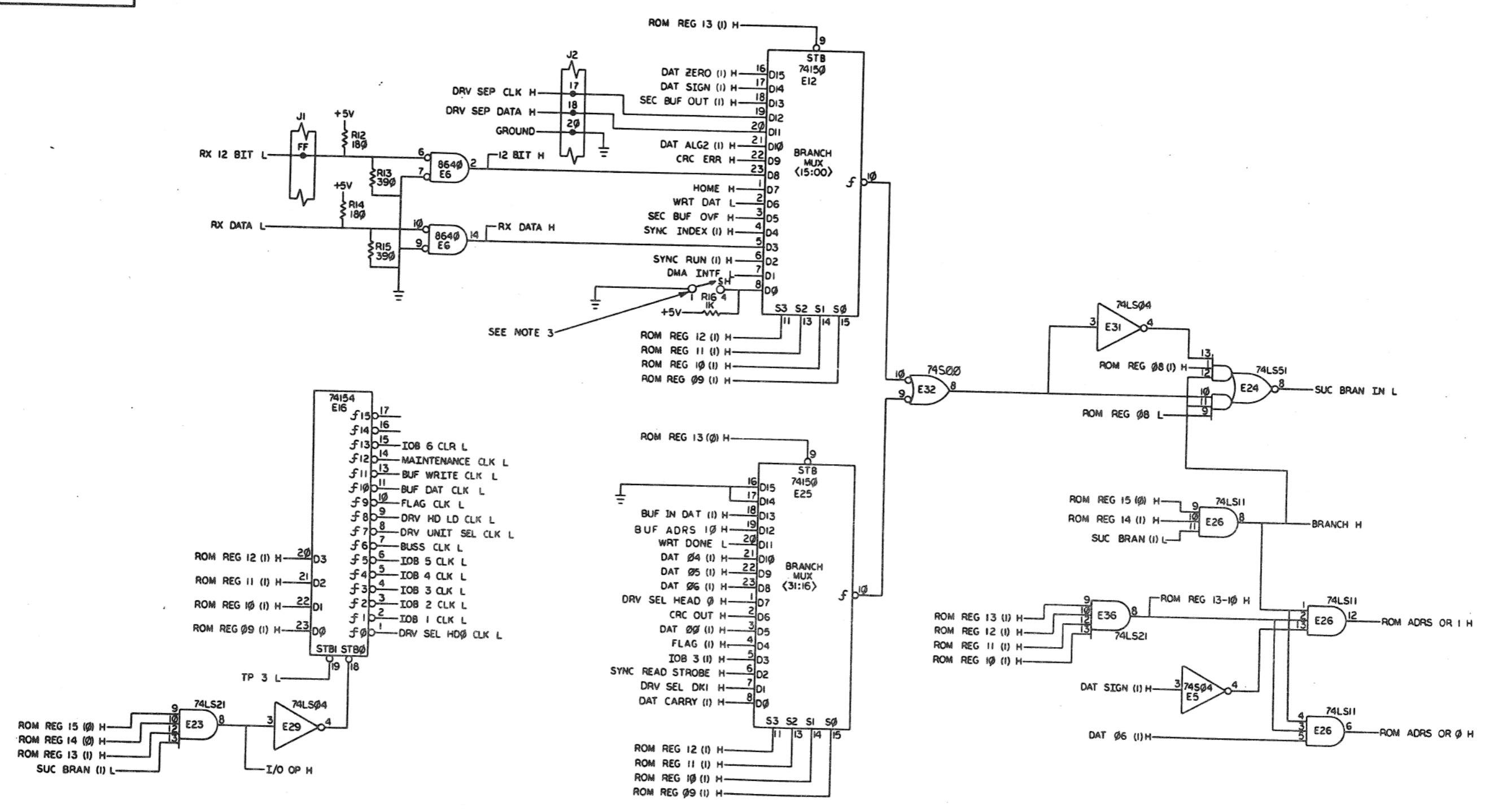
REVISIONS		
CHK	CHANGE NO.	REV.

TITLE RX02 FLOPPY DISK CONTROLLER
 SIZE CODE DCS NUMBER M7744-0-1 REV. J
 SCALE SHEET 4 OF 10 DIST.

DCS M7744-0-1

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10-7721W DCS 2



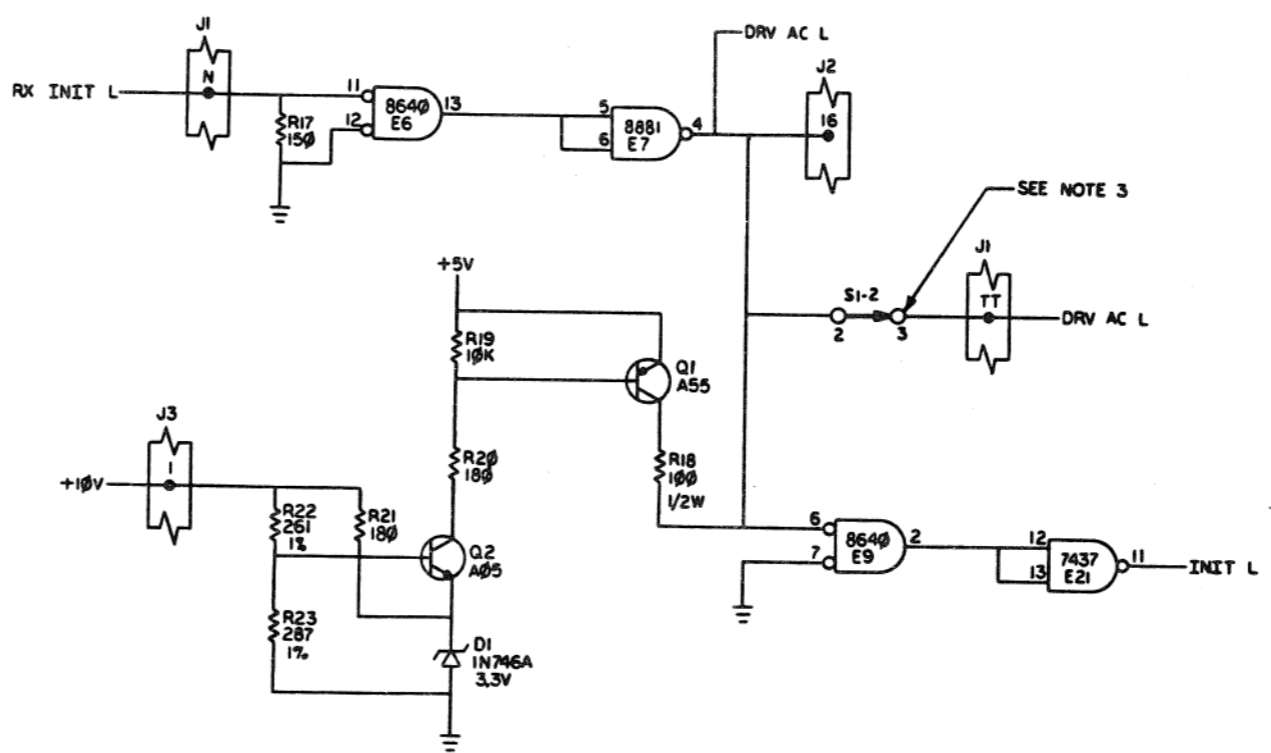
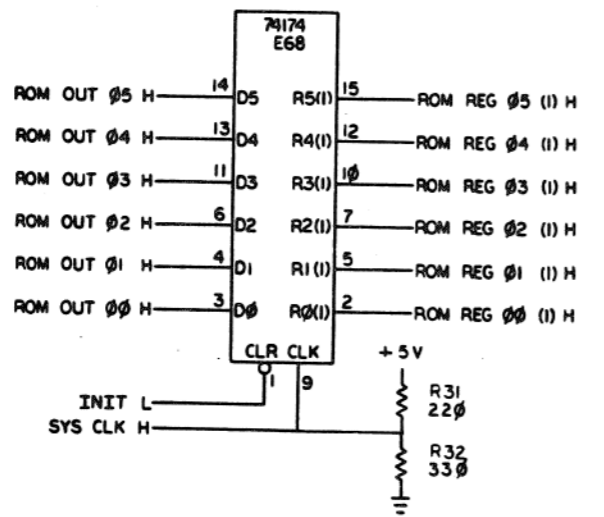
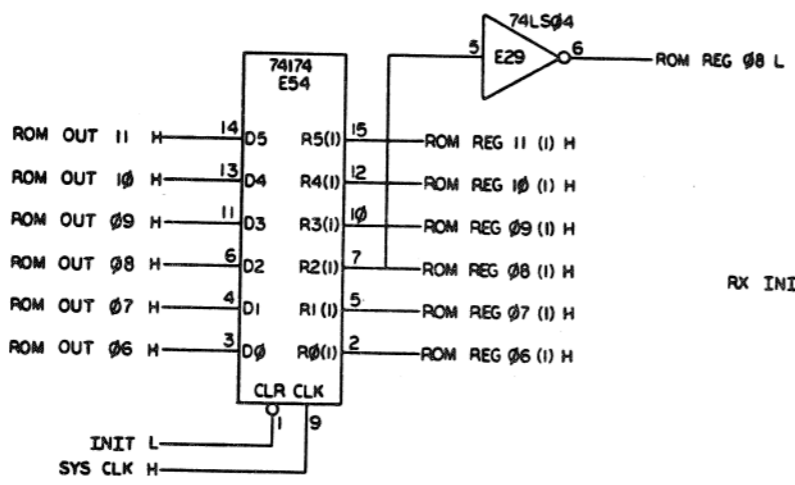
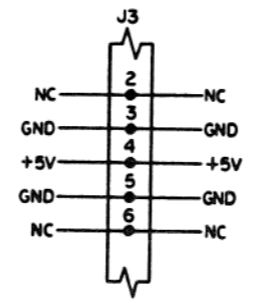
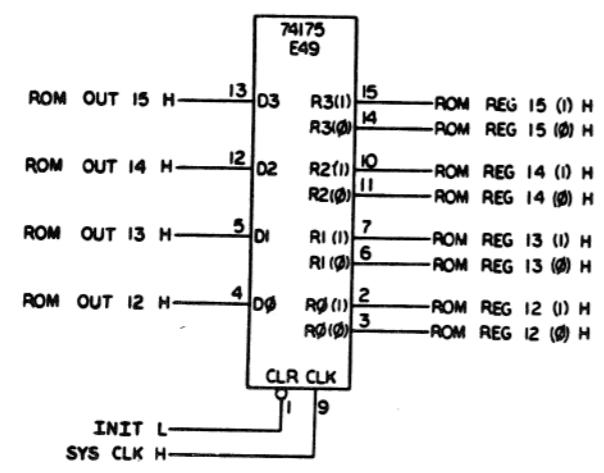
SEE NOTE 3

REVISIONS		
CHK	CHANGE NO.	REV.

TITLE RX02 FLOPPY DISK CONTROLLER
 SIZE CODE DCS NUMBER M7744-0-1 REV. J
 SCALE 1:1 SHEET 5 OF 10 DIST. 11C

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1-0-0221W 2

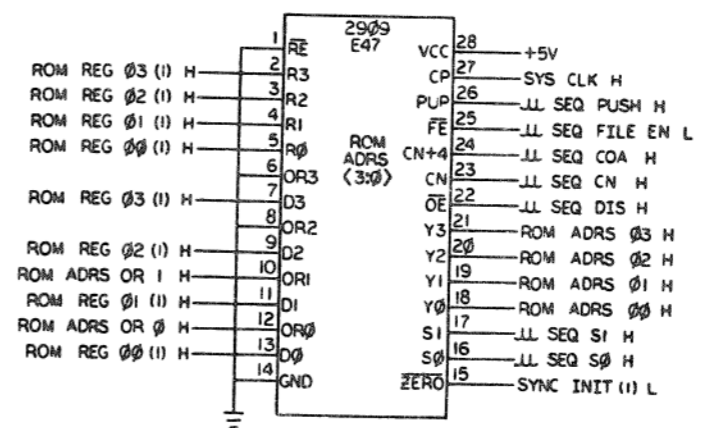
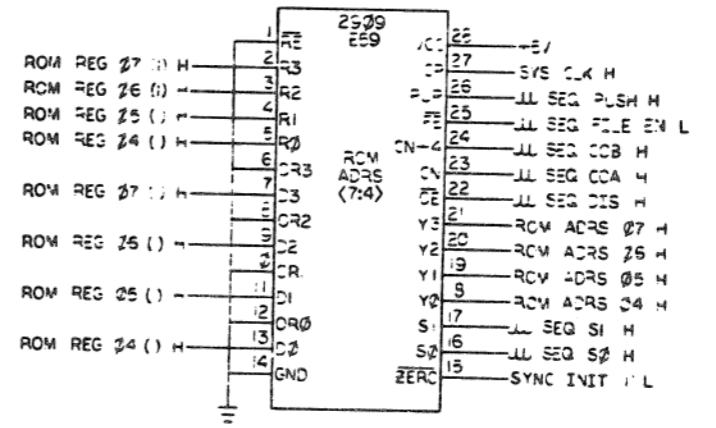
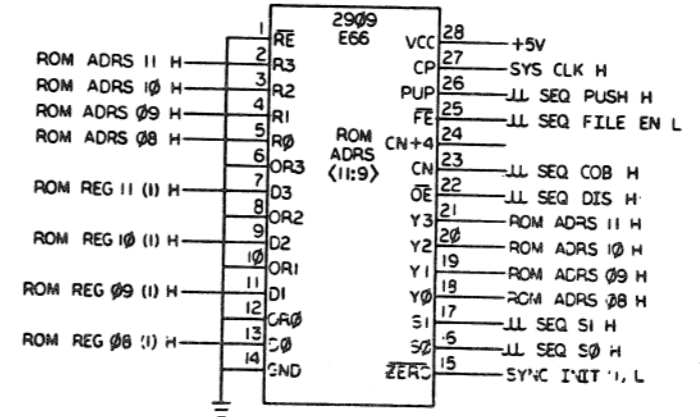
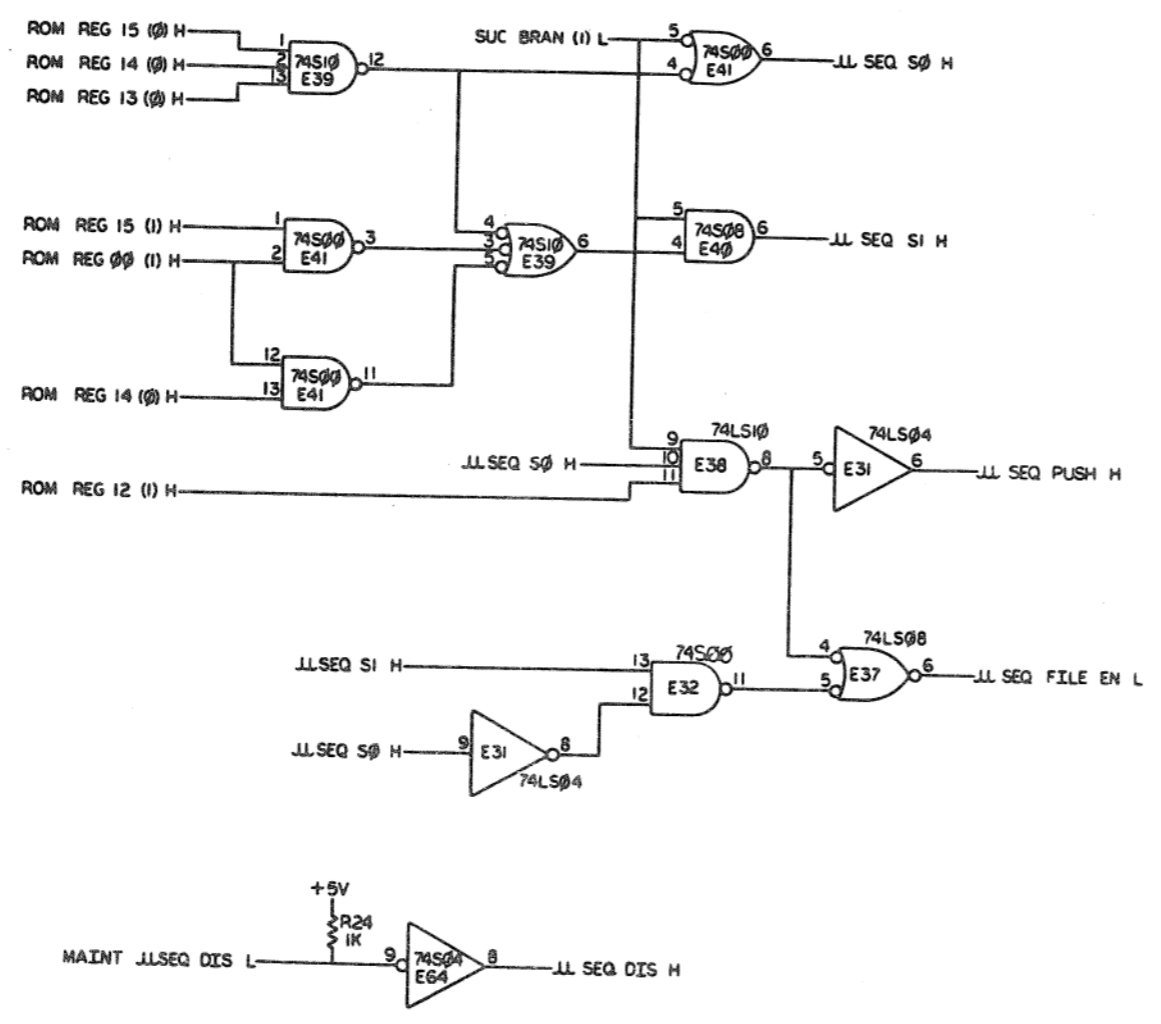


REVISIONS		
CHK	CHANGE NO.	REV.

TITLE RX02 FLOPPY DISK CONTROLLER
 SIZE CODE DCS NUMBER M7744-01
 SCALE 1:1 SHEET 6 OF 10 DIST. ML

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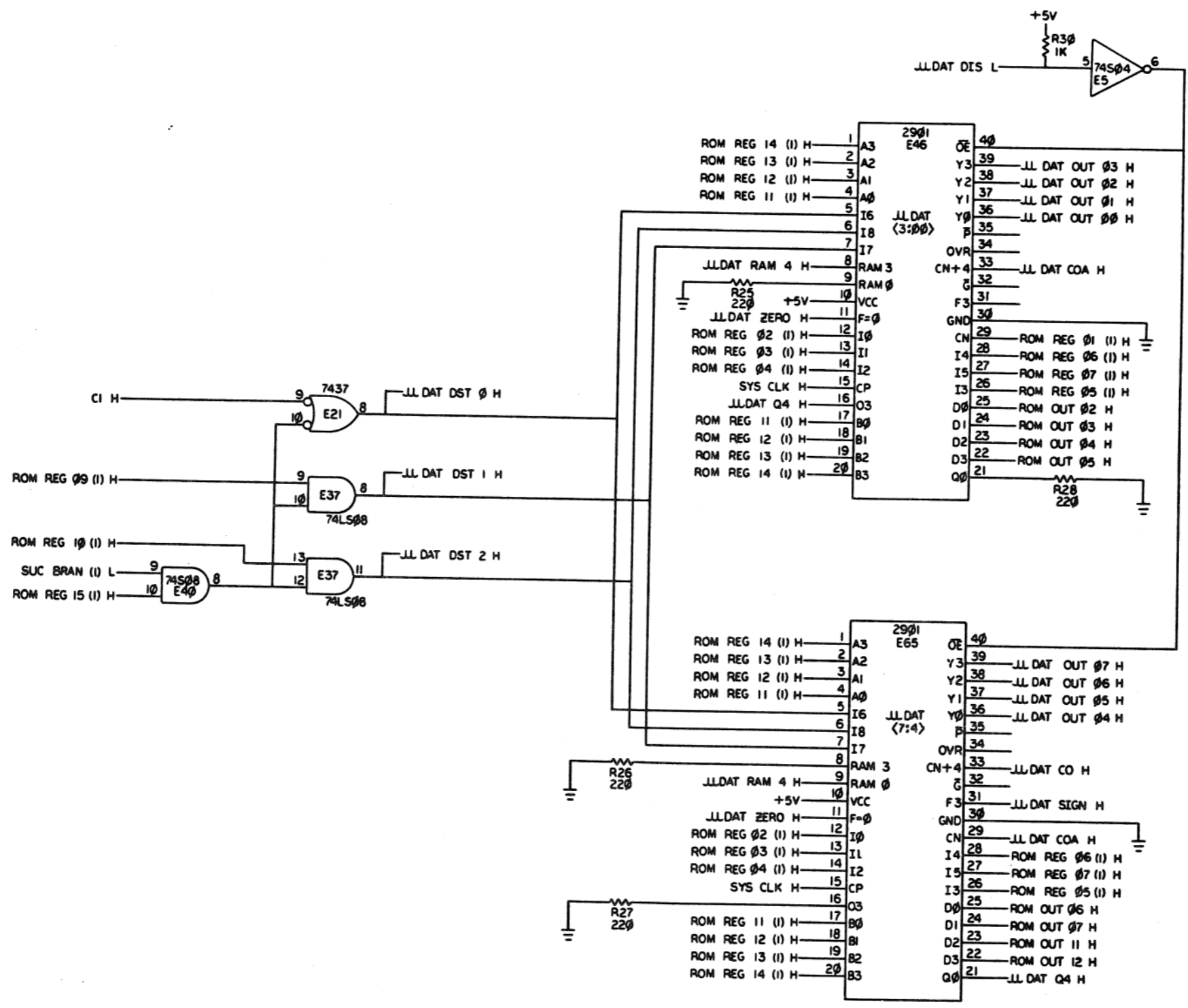
M7744-01 2



REVISIONS		
CHK	CHANGE NO.	REV.

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F-0-0422W DCS 2



REVISIONS		
CHK	CHANGE NO.	REV.

8	7	6	5	4	3	2	1	
TITLE RX02 FLOPPY DISK CONTROLLER						SIZE CODE U CS	NUMBER M7744-01	REV. J
SCALE						SHEET 8 OF 10	1 M/L	

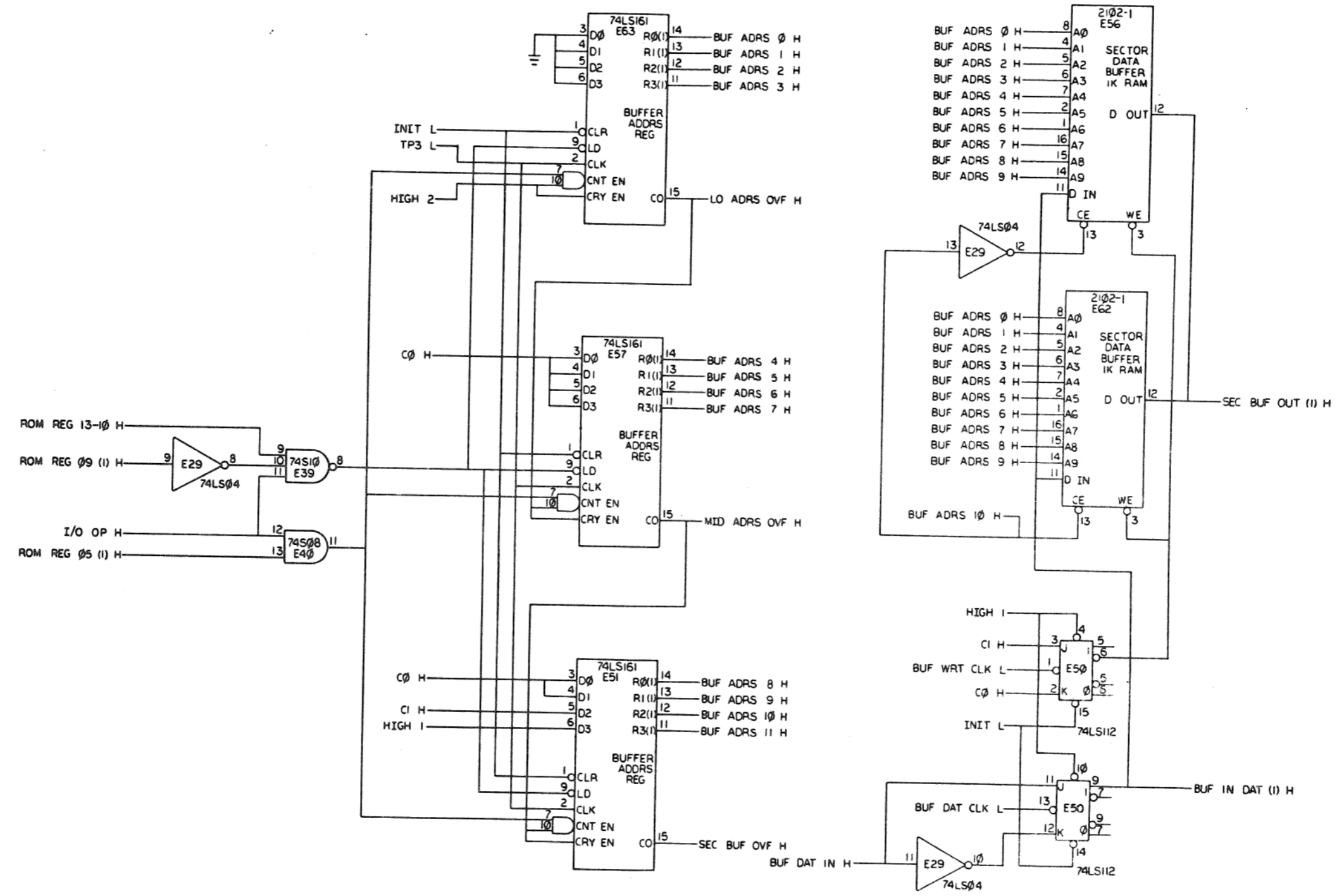
M7744-01

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CS M7744-01 2

D
C
B
A

D
C
B
A



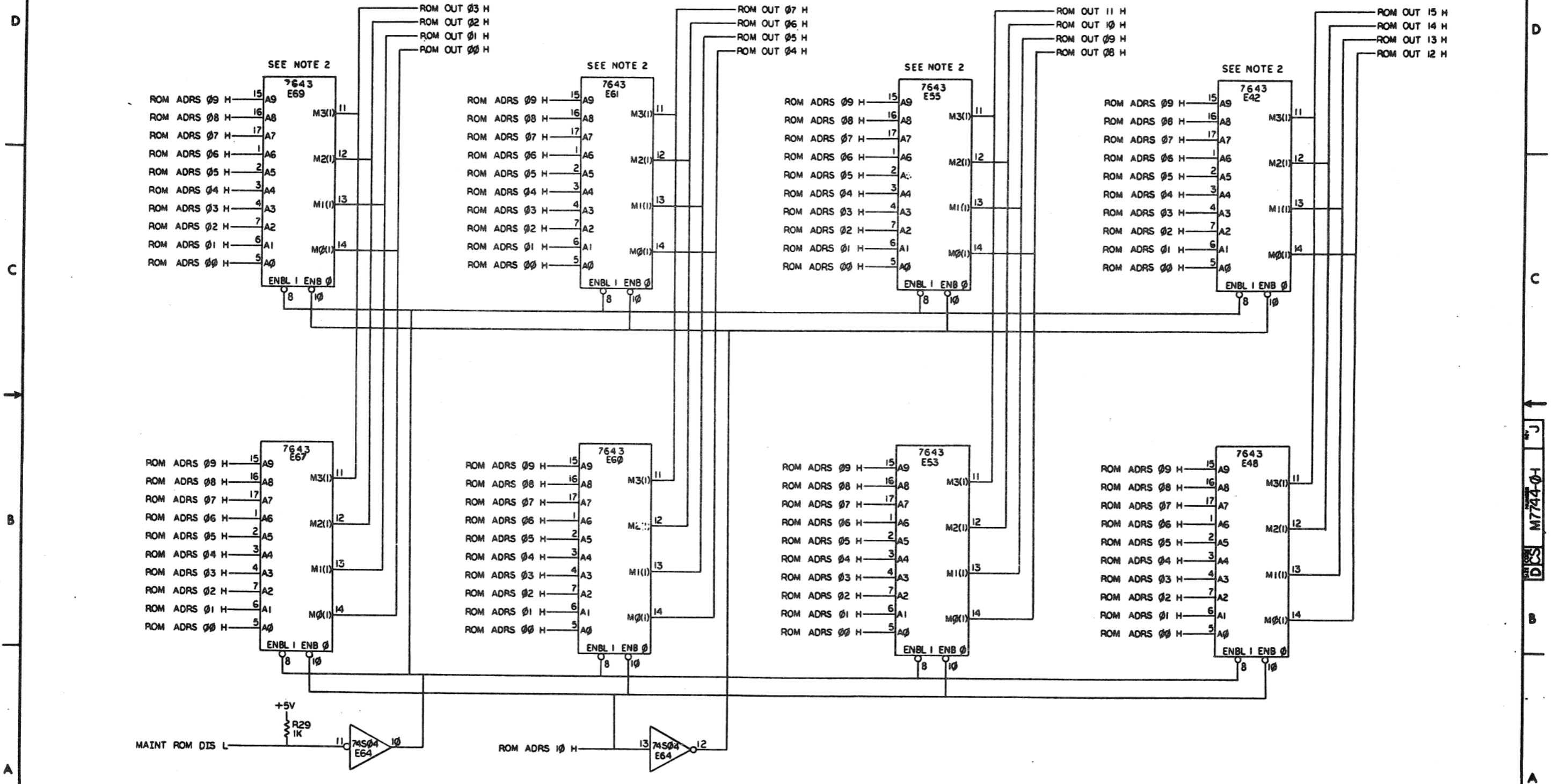
REVISIONS		
CHK	CHANGE NO	REV.

DEC FORM NO. 110

TITLE RX02 FLOPPY DISK CONTROLLER
 SIZE CODE DCS NUMBER M7744-01 REV. J
 SCALE SHEET 9 OF 10 DIST.

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DCS M7744-01 2



REVISIONS		
CHK	CHANGE NO.	REV.

TITLE RX02 FLOPPY DISK CONTROLLER
 SCALE 1/1 SHEET 10 OF 10
 SIZE CODE DCS NUMBER M7744-01 REV. J

DCS M7744-01

DRAWING NO.	NO. OF SHTS.	PART NO.	DESCRIPTION	REVISIONS													
				A	B	C	D	E	F	H	J						
D-UA-M7745-0-0	1		RXØ2 R/W CONTROL BD.	A	B	C	D	E	F	H	J						
K-PL-M7745-0-DBP	-		PARTS LIST DATA BASE (M7745)	A	B	C	D	E	F	H	J						
D-CS-M7745-0-1	7		RXØ2 R/W CONTROL BD.	A	B	C	D	E	F	H	J						
D-MD-5012956-0-0	4		DRILL & ETCH DWG.	A	B	B	B	B	B	B	C						
B-DD-M7745-0	1		DRAWING DIRECTORY	*	A	B	C	D	E	F	H						
K-PC-M7745-0-DBG	-		P.C. DESIGN DATA BASE (M7745)	A	B	B	B	B	B	B	C						
		5012956	ETCHED CIRCUIT BOARD	B	C	C	C	C	C	C	F						
D-EC-5012956-0-0	2		ETCH CUT DRAWING	-	-	-	-	-	-	-	J						

NOTES:

REVISIONS		DATE	CHG NO.	REV.	A	B	C	D	E	F	H
		9-78	00001								
		12-78	ML002								
		2-79	ML003								
		7-79	ML004								
		3-80	ML005								
		1-81	ML006								
			ML007								

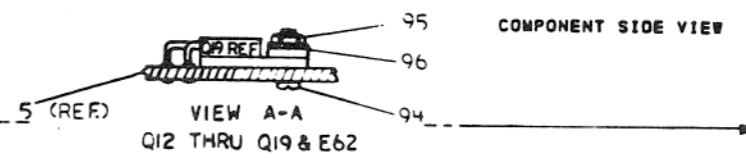
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 DRB 128



USED ON OPTION/MODEL	DRN.	TITLE
	3-1/78	RXØ2 R/W CONTROL BD.
	CHK'D R. Truettley	2/1/78
	ENG. [Signature]	10 APR 78
	PROD. [Signature]	10 APR 78
	SIZE	CODE
	B	DD
	NUMBER	REV.
	M7745-Ø	H
SHEET 1 OF 1		

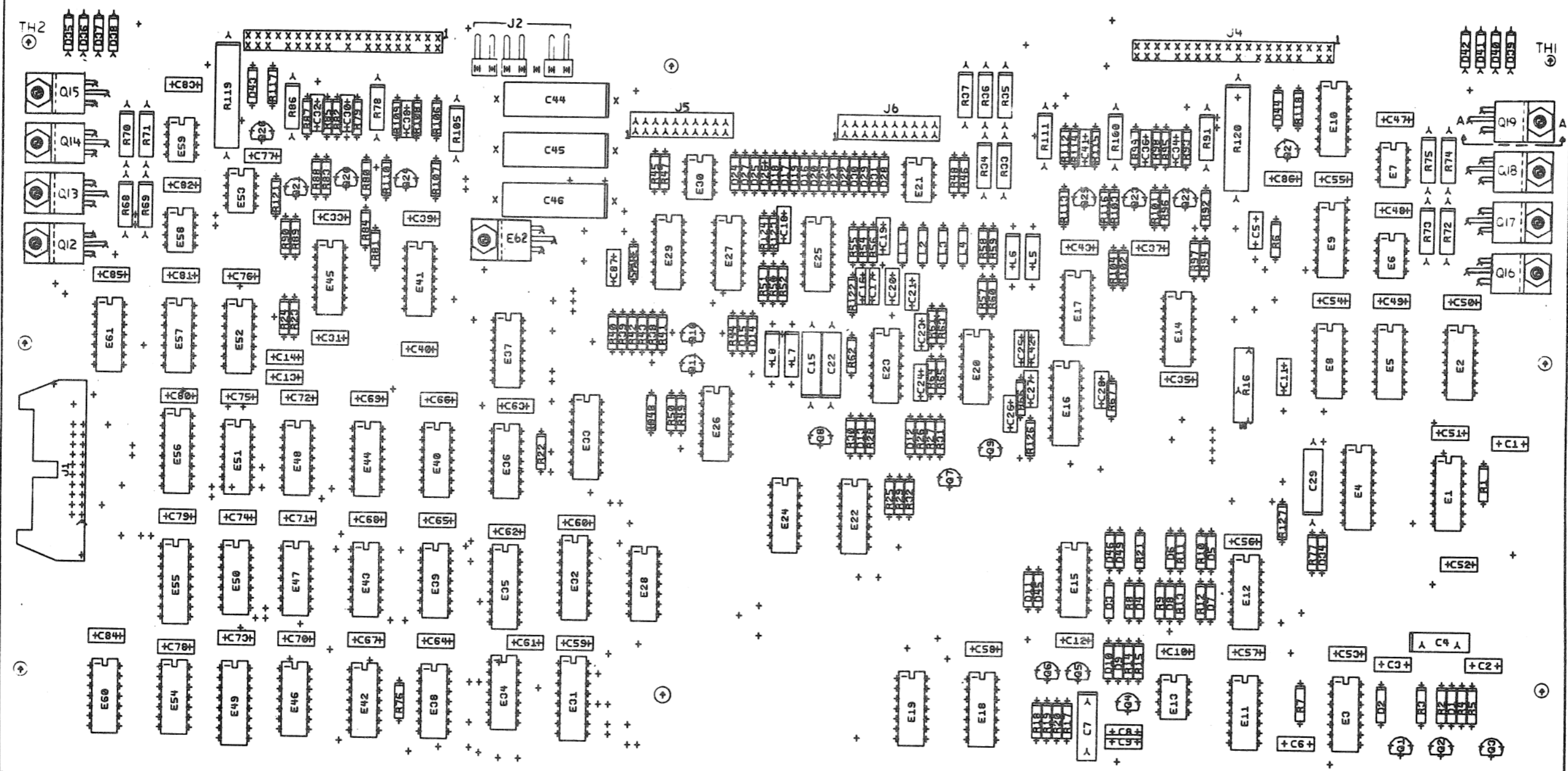
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0-0-5-77W



15.69 REF

7.95 REF



NOTES:

STEP 6	→ Y AXES	STEP	TIMES
REPEAT	→ X AXES	STEP	TIMES

CHG	NO	REV	
REDRAWN	J		
M7745-			
ML007			

ETCH REV. F-P2

SIGNATURES	DATE
DRN. <i>[Signature]</i>	4-24-80
CHK'D. <i>[Signature]</i>	5-18-80
MECH. ENG. <i>[Signature]</i>	7-26-81
PROJ. ENG. <i>[Signature]</i>	7-26-81
PROD. <i>[Signature]</i>	7-26-81
SCALE 2/1	
SHT. OF	
NEXT HIGHER ASSY. B-DD-M7745-0	

digital
TITLE RX02 R/W CONTROL
SIZE CODE NUMBER REV
0 UA M7745-0 J

1 MS# 264595

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION	REFERENCE DESIGNATOR
				00	
1	5	D-MD-5012956-0-0	5012956-00	RX02	1
2	6		1005820-00	22.0 MMF 100V 5%200PPM MICA	2
3	7		1000016-00	100.0 MMF 100V 5%200PPM MICA	1
4	8		1000020-00	180.0 MMF 100V 5%200PPM MICA	8
5	9		1001383-00	4700.0 MMF 100V 3%200PPM MICA	1
6	10		1000042-00	1000.0 MMF 100V 5%200PPM MICA	1
7	11		1000026-00	680.0 MMF 100V 5%200PPM MICA	1
8	12		1012084-01	8 MFD 25V +75-10% AL EL	1
9	13		1009433-00	190 MFD 12V +75-10% AL EL	2
10	14		1000080-00	50 MFD 50V +75-10% AL EL	1
11	15		1001610-00	.01 MFD 50V +80-20% 25U CER	52
12	16		1010978-32	.047 MFD 50V 10% CER	4
13	17		1001765-00	.005 MFD 100V 20% Z5T DISC	6
14	18		1000050-00	.033 MFD 100V 10% MYLR	2
15	19		1010274-02	1 MFD 50V +80-20% CER	1
16	21		1000015-00	82.0 MMF 100V 5%200PPM MICA	1
17	22		1103309-00	D 671 TR= 6NS PIV= 50V SI	8
18	23		1105275-00	D 672 TR= 15NS PIV= 60V SI	24
19	24		1105796-00	1N 4004 PIV=400 I= 1A D041 SP	10
20	25		1110713-00	SZ710910 VZ= 5.1 2% M	3
21	26		1101938-00	1N 4370A VZ= 2.4 3% .40W	1
22	27		1610033-00	DELAY= 10-100NS,10TAPS	1
23	28		1602723-00	1000 UH 10% 125MA	4
24	29		1612946-02	22 UH 10%	2
25	30		1610661-00	56 UH 10% #DD56	2
26	31		1510705-00	XA 05 NPN 500MW SI 60 50 P	8
27	32		1510706-00	XA 55 PNP 500MW SI 60 50 P	5

REVISION HISTORY			BASIC PART NO: M7745								
ENG	ECD NUMBER	REV	SECTION A OF A	DRN:	P.KENDRICK	DATE:	06-JAN-78	DIGITAL			
---	INIT	A	SECTION VARIATION INDEX	CHK'D:	A.ANDERSON	DATE:	06-JAN-78	TITLE PARTS LIST			
GM	00001	B	[A] 00					RX02 R/W CONTROL			
ER	ML002	C	[B]								
C.Y	M7745-ML003	D	[C]	DES.ENG:	A.ANDERSON	DATE:	05-APR-78				
C.Y	M7745-ML004	E	[D]								
JG	M7745-ML005	F	[E]					DOCUMENT NUMBER			
AA	M7745-ML006	H	[F]	RESP.ENG.:	J.GLAVIN	DATE:	05-APR-78	SIZE	CODE	NUMBER	REV
D.P	M7745-ML007	J	[G]					K	PL	M7745-0-DBP	J
			[H]	MFG.ENG.:	J.MONCHELLI	DATE:	05-APR-78				
			[I]	ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:				FILE NAME:	EDIT #
			[J]	D-LA-M7745-0-0		#B-DD-M7745-0				Z0192J.PLS	56
			[K]								
			[L]								
			[M]								
			[N]								

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LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY	PER VARIATION	REFERENCE DESIGNATOR
					00		
28	33		1503409-00	DEC6534D PNP 310MW SI 40 90	4		Q1,Q2,Q5,Q6
29	34		1501999-00	DEC3009A NPN 300MW SI 20 25 M	1		Q3
30	35		1510233-00	2N 5460 FET 310MW SIP CHNNL	1		Q4
31	36		1510421-00	D 44CB NPN 30WT SI 60 20	8		Q12-Q19
32	37		1912799-00	LS00 NAND-GATE-QUAD 2IN,P	2		E19,E39
33	38		1912801-00	LS02 NOR-GATE-QUAD 2IN	2		E9,E60
34	39		1912803-00	6S04 INVERTER GATE,HFL	3		E3,E26,E52
35	40		1910741-00	7406 INVERTER GATE-HEX 1I	1		E22
36	41		1912805-00	LS08 AND GATE-QUAD 2IN,PO	7		E5,E10,E24,E29,E38,E46,E57
37	42		1909929-00	7417 BUFFER GATE-HEX 1INP	2		E18,E34
38	43		1912816-00	LS32 OR GATE-QUAD 2IN,FOS	4		E1,E36,E47,E54
39	44		1905580-00	DEC 7450 A-0-I XPNDBLE GATE-D	1		E2
40	45		1912823-00	LS73 FF-JK DUAL W/CLEAR	2		E2,E61
41	46		1912824-00	LS74 FF-D DUAL,EDGE TRIGG	8		E11,E12,E40,E42-E44,E48,E50
42	47		1912837-00	LS123 ONE SHOT-DUAL,RETRIG	1		E16
43	48		1912697-00	LS174 FF-D HEX W/CLEAR	1		E55
44	49		1912854-00	LS193 COUNTER,SYNCHR,4BIT,	4		E31,E32,E35,E49
45	50		1910268-00	DEC 75107B RECEIVER,LINE,DUAL,	1		E15
46	51		1910406-00	75451 DRIVER,PERIPH,DUAL,	5		E6,E7,E53,E58,E59
47	52		1910645-00	75452 DRIVER,PERIPH,DUAL,	2		E21,E30
48	53		1910735-02	318 OP AMP	1		E13
49	54		1910337-00	DEC 1414L VOLT COMPARATOR,DUAL	5		E14,E17,E20,E41,E45
50	55		1910644-00	733 DIFFERENTIAL AMP,WID	2		E23,E25
51	56		2113632-00	4066B BILATERAL SWITCH-QUA	1		E27
52	57		1912845-00	LS153 MUX 1 OF 4 (DUAL)	1		E56
53	58		1912048-02	DEC 7812 VOLT REG,FIX +12V	1		E62
54	59		1309405-00	68.0 .50 W 5.0 % CC	6		R78,R86,R91,R100,R105,R111
55	60		1304837-00	24.0 K .25 W 5.0 % CC	4		R49,R52,R8,R13
56	61		1301425-00	300.0 .25 W 5.0 % CC	1		R76
57	62		1312931-00	6.20 K .25 W 5.0 % CC	2		R9,R11
58	63		1300271-00	220.0 .25 W 5.0 % CC	1		R22
59	65		1313590-00	1.50 K .25 W 1.0 % RN55D-F10	2		R57,R60
60	66		1302874-00	147.0 .25 W 1.0 % RN55D-F10	4		R54,R56,R58,R59
61	67		1302377-00	39.0 .25 W 5.0 % CC	1		R55
62	68		1301890-00	560.0 .25 W 5.0 % CC	1		R21
63	69		1300316-00	470.0 .25 W 5.0 % CC	5		R1,R6,R7,R23,R24
64	70		1300365-00	1.0 K .25 W 5.0 % CC	11		R2,R5,R10,R42,R43,R61,R63,R117, CONT R118,R31,R127
65	71		1302871-00	1.21 K .25 W 1.0 % RN55D-F10	5		R106,R110,R112,R116,R27
66	72		1300391-00	1.50 K .25 W 5.0 % CC	9		R38,R41,R83,R88,R96,R101,R109, CONT R115,R62
67	73		1302388-00	2.0 K .25 W 5.0 % CC	3		R19,R20,R50
68	74		1304868-00	2.74 K .25 W 1.0 % RN55D-F10	1		R30
69	75		1302389-00	4.30 K .25 W 5.0 % CC	2		R3,R4
70	76		1304856-00	4.64 K .25 W 1.0 % RN55D-F10	6		R80,R92,R103,R107,R113,R121
71	78		1300479-00	10.0 K .25 W 5.0 % CC	12		R12,R14,R26,R28,R45-R48,R79,R87, CONT R93,R99
72	79		1302941-00	14.70 K .25 W 1.0 % RN55D-F10	8		R81,R84,R89,R90,R94,R97,R102,

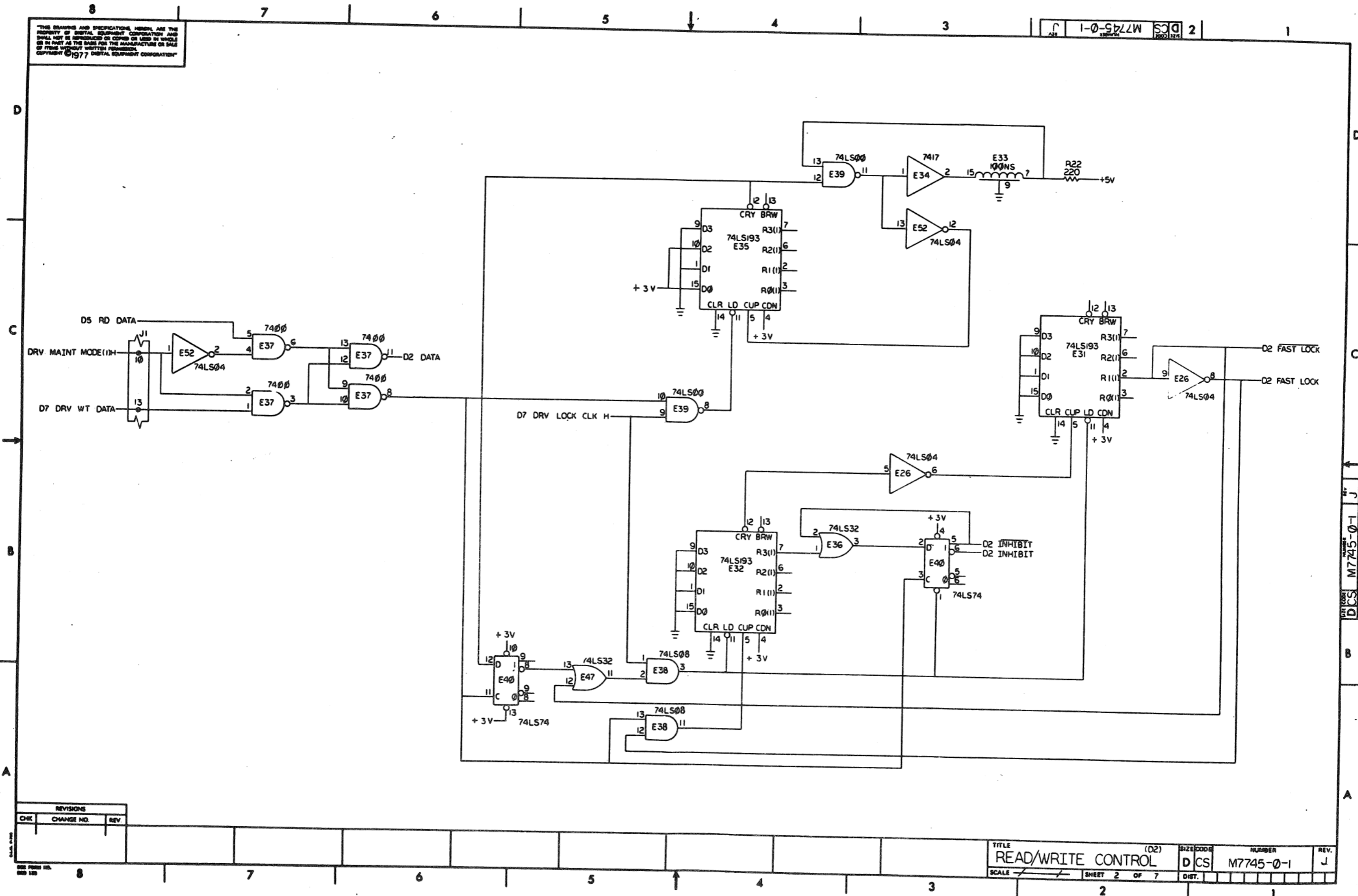
D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							RX02 R/W CONTROL		K	PL	M7745-0-DBP	J

PARTS LIST

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY	PER VARIATION	REFERENCE DESIGNATOR
				00		
73	80	1302391-00	20.0 K .25 W 5.0 % CC	1		CONT R104
74	82	1309094-00	100.0 5.0 W 5.0 % WW	2		R77
75	84	1313476-00	51.10 K .25 W 1.0 % RN55D-F10	2		R119,R120
76	85	1311522-00	200.0 .25 W 5.0 % CC	2		R51,R53
77	86	1312930-00	5.10 K .25 W 5.0 % CC	2		R64,R65
78	87	1301320-00	1.20 K .25 W 5.0 % CC	4		R66,R67
79	88	1314847-00	62.0 .50 W 5.0 % CC	13		R82,R85,R95,R98
80	89	1300496-00	15.0 K .25 W 5.0 % CC	1		R33-R37,R68-R75
81	90	1212204-00	HEADER.156 2POS RT ANGLE	1		R122
82	91	1209941-06	HEADER.100 20POS RT ANGLE	1		J2
83	92	1213488-02	CONN 20POS HOUSING,STRAIGH	2		J1
84	93	1214993-01	HEADER 40POS RT ANGLE MODIFI	2		J5,J6
85	94	9006010-01	SCREW,PAN,PHIL 4-40X 5/16 SS	9		J3,J4
86	95	9006557-00	NUT,KEP , 4-40X 1/4 AF	9		
87	96	9009769-00	WASHER, RECTANGULAR .405X.225X.0	9		
88	97	9105740-55	*** THIS ITEM IS NOT USED ***	-		
89	98	1300417-00	2.20 K .25 W 5.0 % CC	1		R15
90	99	1300439-00	3.30 K .25 W 5.0 % CC	8		CONT R25,R29,R32,R39,R40,R44,R123,
91	104	1305374-00	910.0 .25 W 5.0 % CC	2		R124
92	105	1309143-05	200.0 .75 W 10.0 % FOT	1		R17,R18
93	106	1303312-00	10.0 K .25 W 1.0 % RN55D-F10	2		R16
94	107	1905547-00	7474 FF-D DUAL,EDGE TRIGG	1		R108,R114
95	108	1905575-00	7400 NAND GATE-QUAD 2IN	1		E28
96	109	1910155-00	DEC 7408 AND GATE,POS.QUAD 2I	1		E37
97	110	1910436-00	DEC 74123 ONE SHOT-DUAL,RETRIG	1		E51
98	111	1303177-00	2.40 K .25 W 5.0 % CC	1		E4
99	112	1012312-01	.47 MFD 50V +80-20% CER	2		R126
100	113	1010978-36	.1 MFD 50V 10% CER	1		C9,C10
101	114	1210244-00	*** THIS ITEM IS NOT USED ***	-		C11
102	115	9107301-11	*** THIS ITEM IS NOT USED ***	-		
103	116	D-CS-M7745-0-1	CIRCUIT SCHEMATIC		REF	
104	117	D-UA-M7745-0-0	UNIT ASSEMBLY		REF	
105	118	B-DD-M7745-0-0	DRAWING DIRECTORY		REF	
106	119	D-EC-5012956-0-0	ETCH CUT DRAWING		REF	

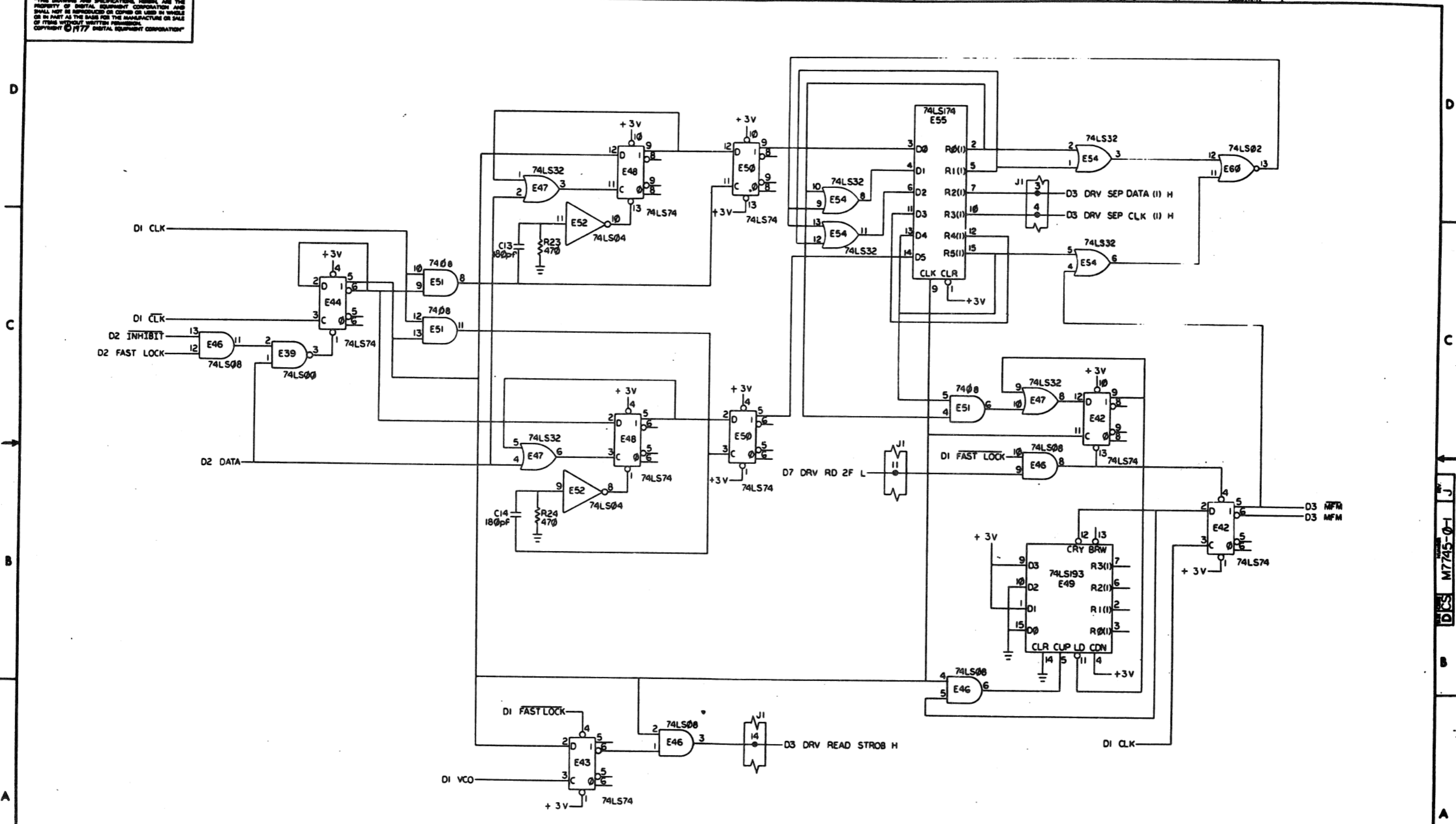
D	I	S	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							RX02 R/W CONTROL		K	PL	M7745-0-DBP	J

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REVISIONS		
CHK	CHANGE NO.	REV.

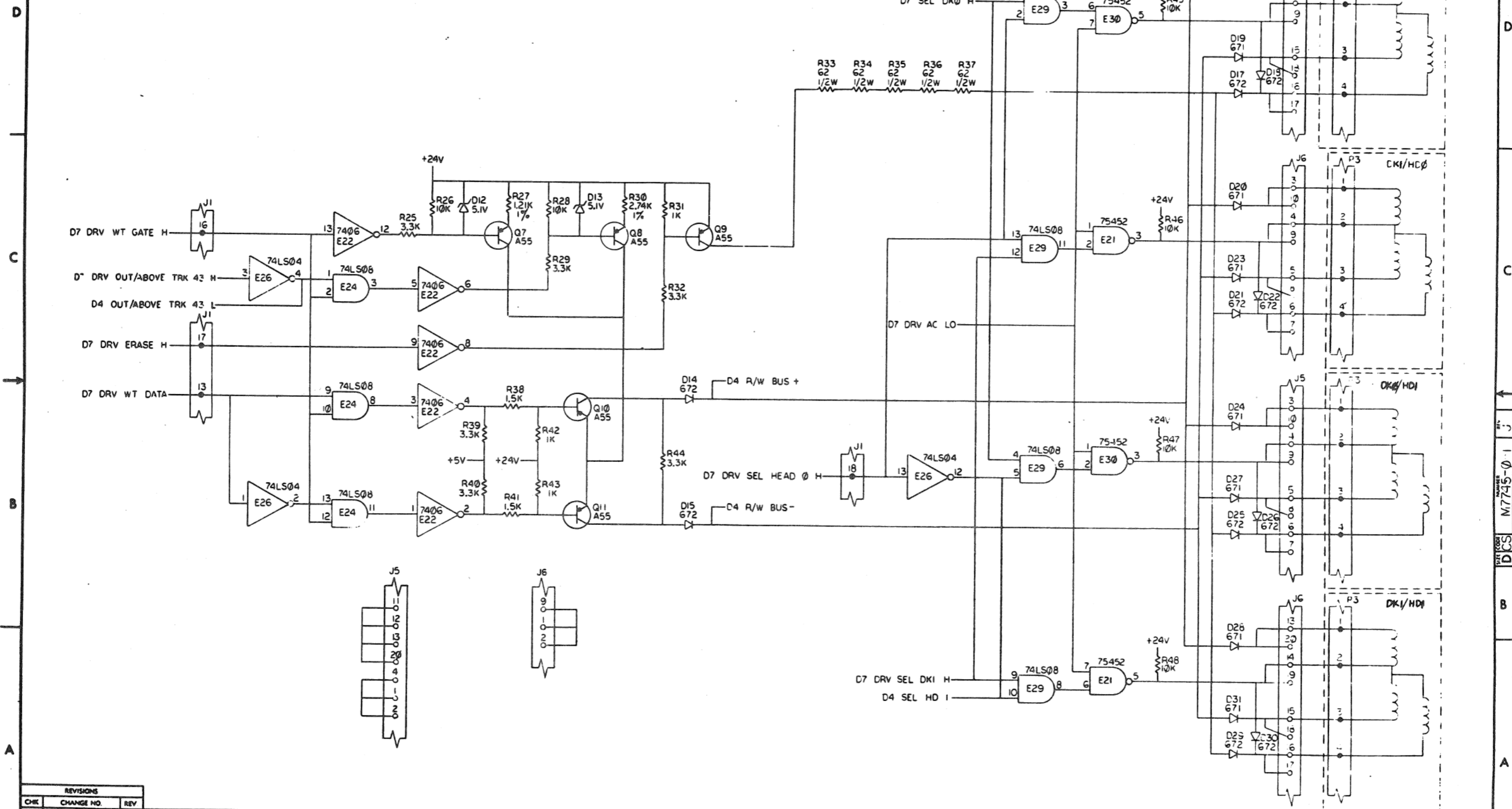
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REVISIONS		
CHK	CHANGE NO.	REV.

TITLE	(D3)	SIZE	NUMBER	REV.
READ/WRITE CONTROL	DCS	M7745-01	J	
SCALE	3	SHEET	7	DWT.

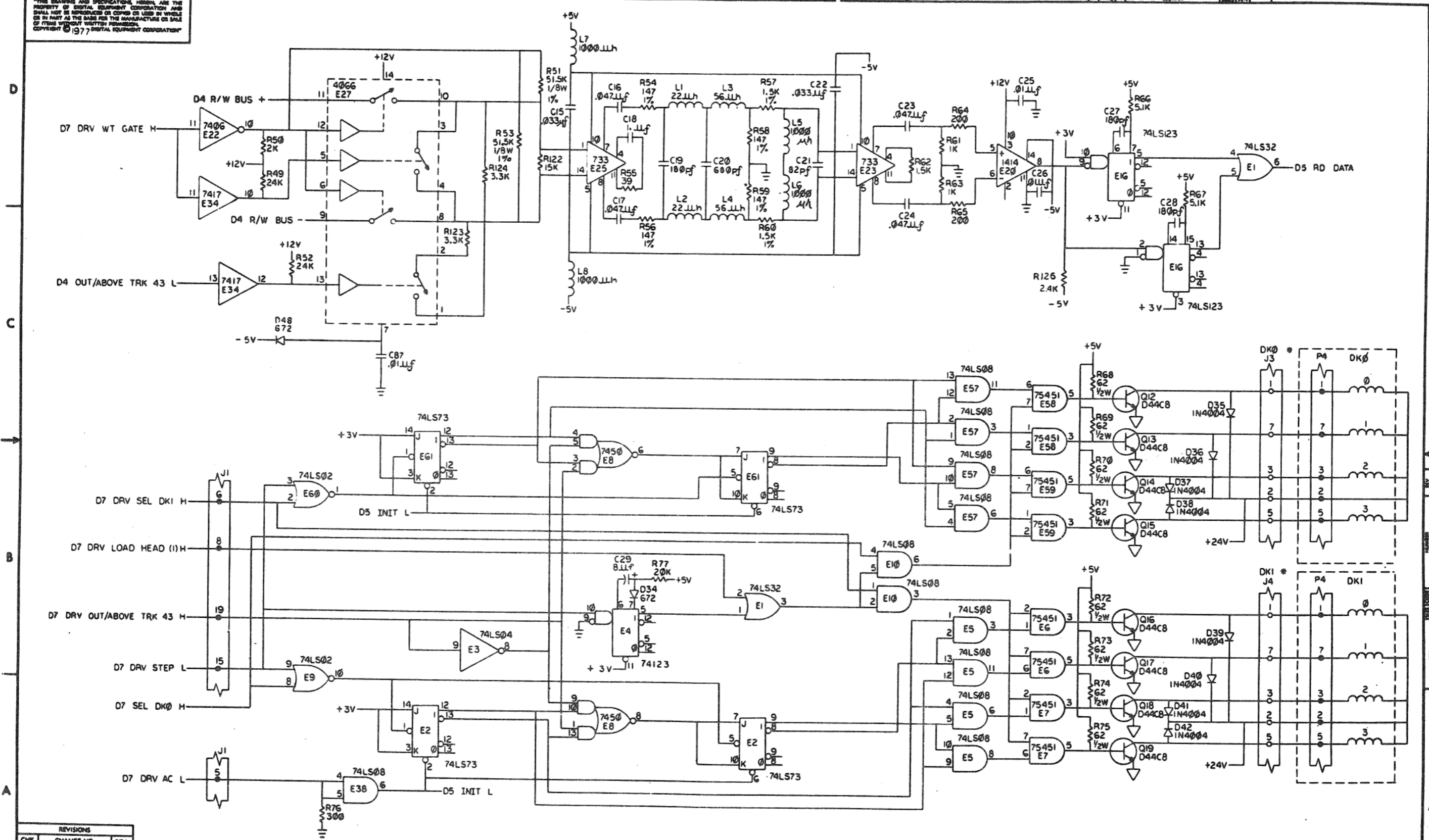
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REVISIONS		
CHK	CHANGE NO.	REV

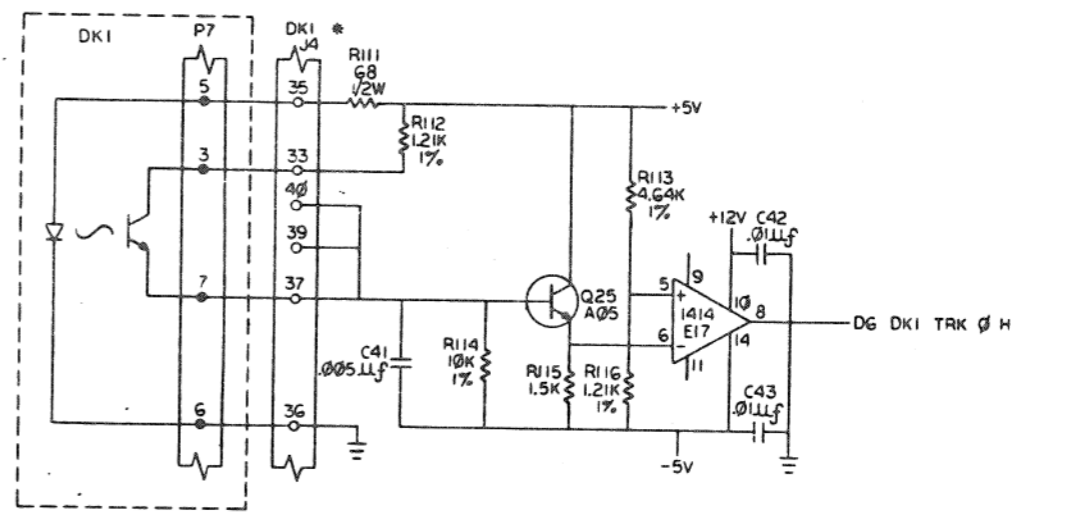
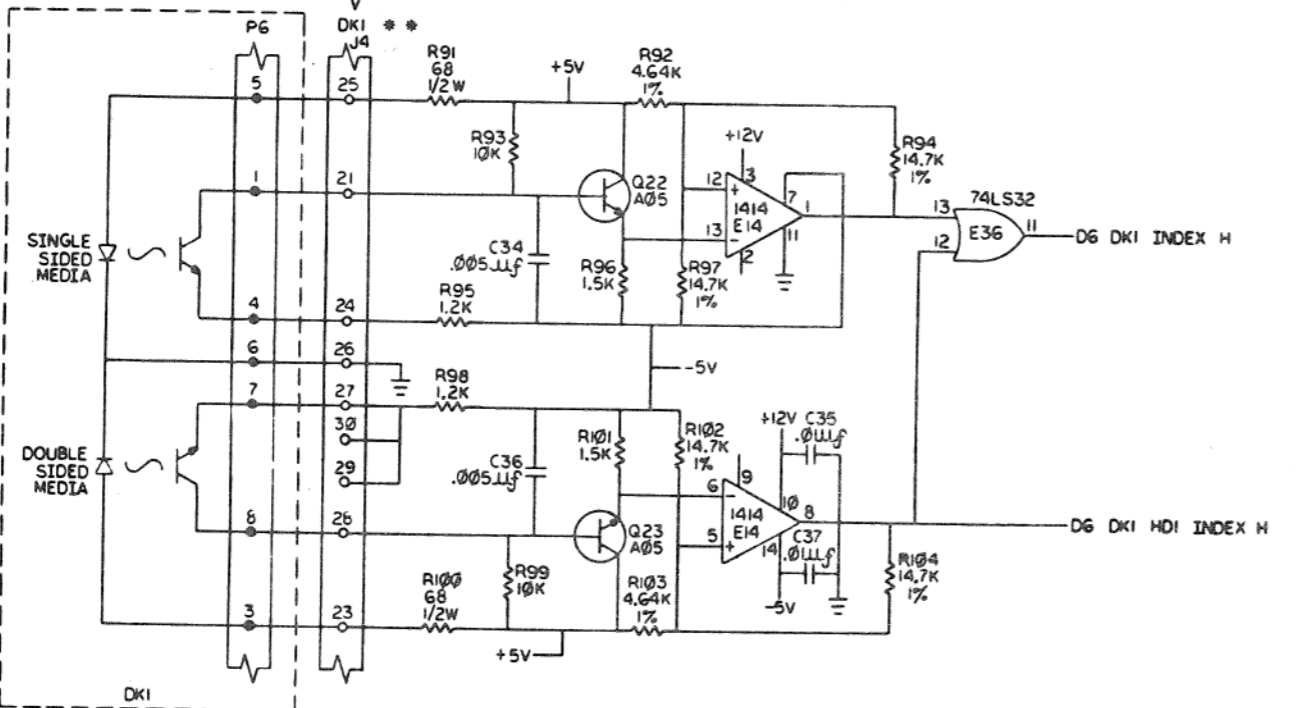
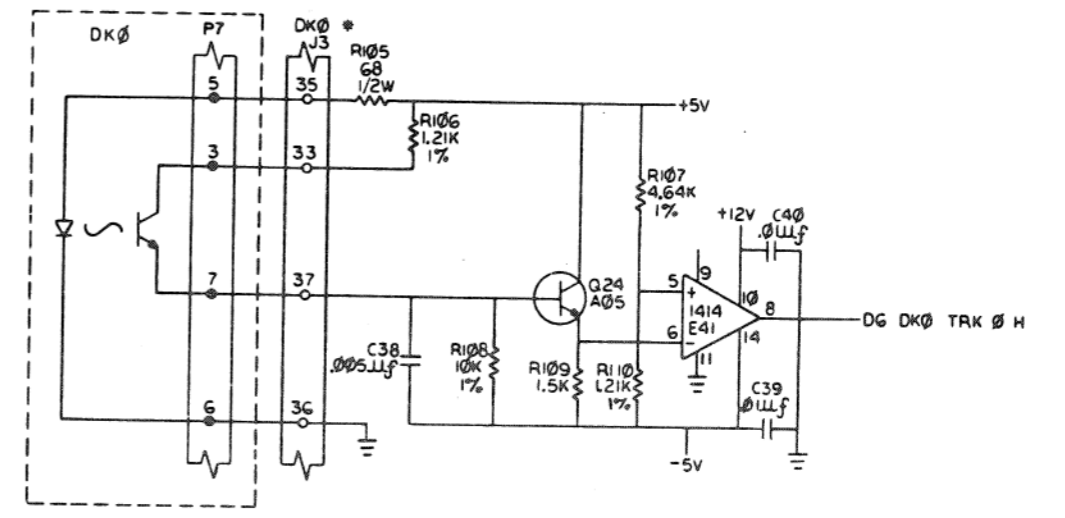
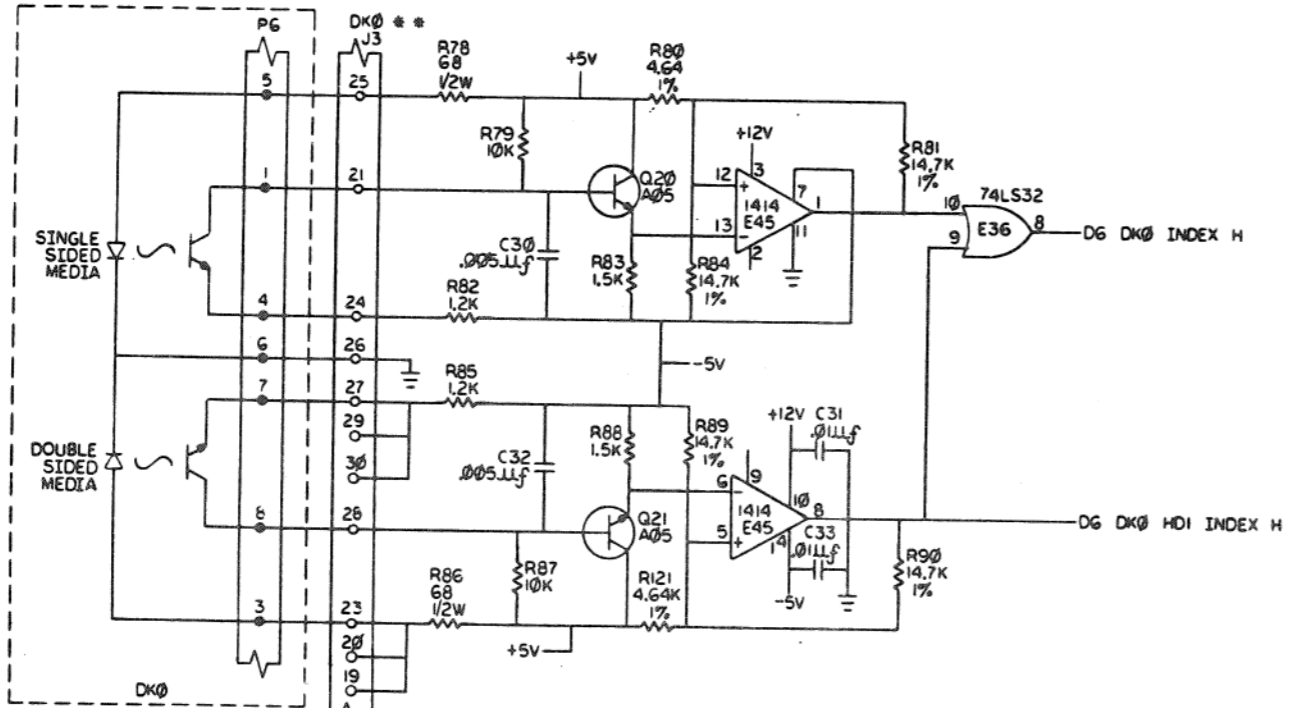
TITLE	REAC/WRITE CONTROL	SIZE CODE	DCS	NUMBER	M7745-0-1	REV.	J
SCALE		SHEET	4	OF		DIST.	

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REVISIONS		
CHK	CHANGE NO.	REV.

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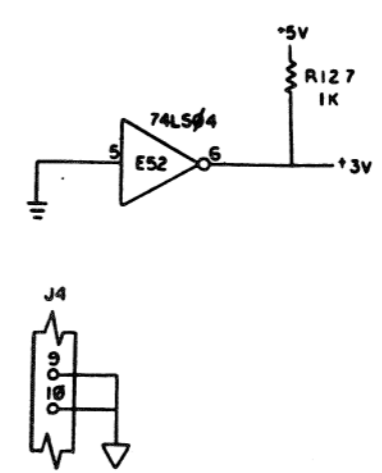
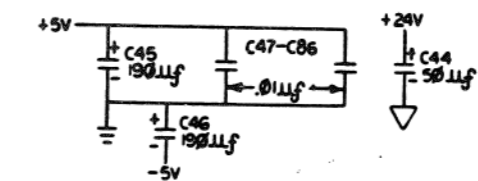
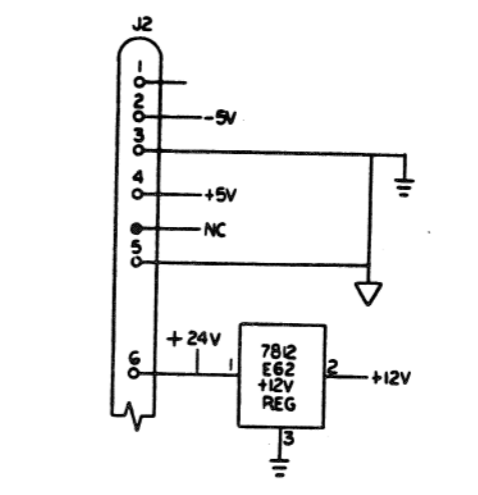
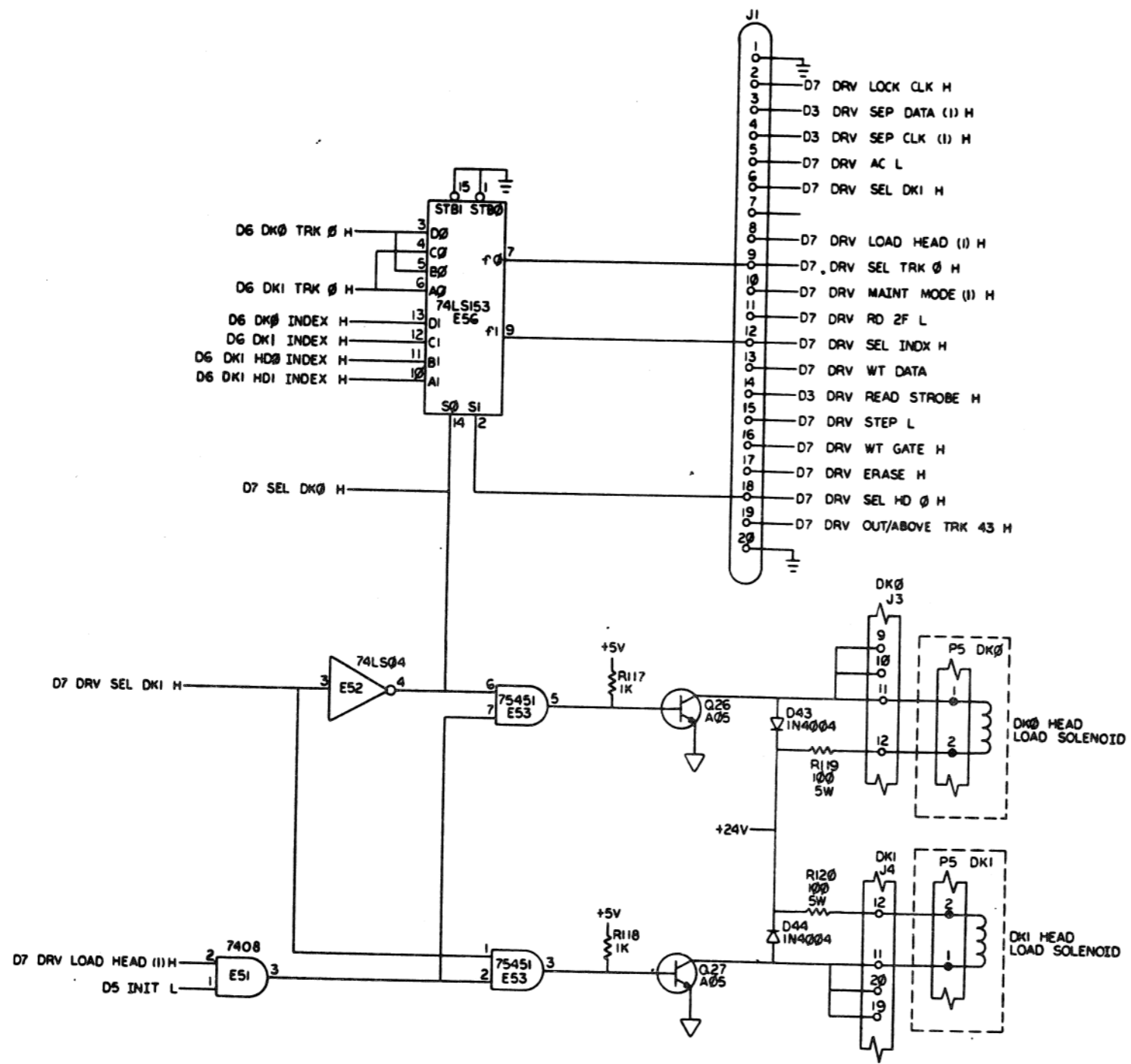
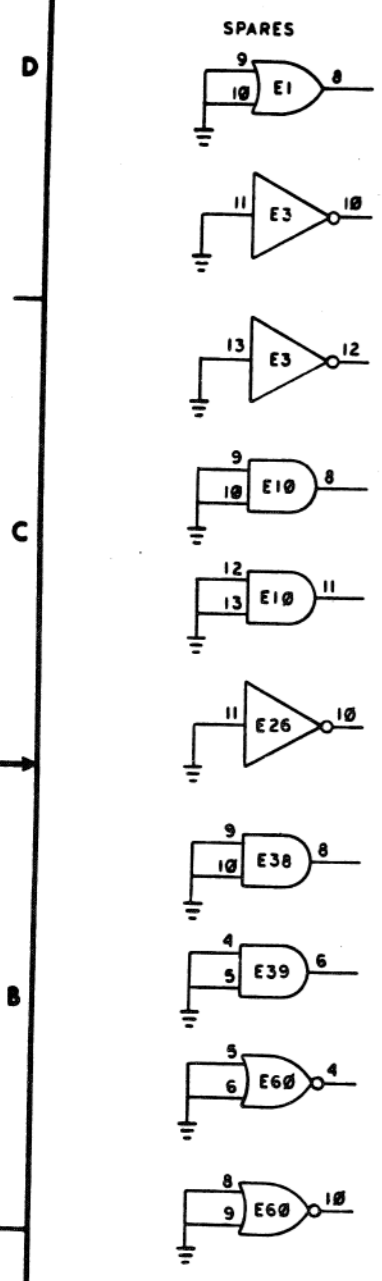


NOTE:
 * P7-PIN 4 LOCATION IS USED FOR KEY
 * PG-PIN 2 LOCATION IS USED FOR KEY

REVISIONS		
CHK	CHANGE NO	REV

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DCS M7745-0-1 2



* NOTE:
 DK0 AND DK1 J3-J4
 SPARE PINS ARE
 PINS 3, 4, 5, 6, AND 7.
 PIN 8 LOCATION
 IS FOR KEY.

REVISIONS		
CHK	CHANGE NO.	REV.

TITLE	(D7)	SIZE CODE	NUMBER	REV.
READ/WRITE CONTROL	D7	DCS	M7745-0-1	J
SCALE	7	SHEET	7 OF 7	DWT.

1

H771 POWER SUPPLY
UNIT ASSY
E-UA-H771-Ø-Ø

2

RXØ1 POWER BOARD
ASSY
D-AD-701Ø718-0-0

TITLE	SHEET	SIZE	CODE	NUMBER	REV
H771 POWER SUPPLY	2 OF 3	B	DD	H771-Ø	F

CUSTOMER PRINT SET		MECHANICAL					CUSTOMER PRINT SET		ELECTRICAL				
MFG. SET	FIND NO.	DRAWING NO.	REV	NO OF SHT	DESCRIPTION	OPTION NO / FILE DATE	MFG. SET	FIND NO.	DRAWING NO.	REV	NO OF SHT	DESCRIPTION	OPTION NO / FILE DATE
	1	E-UA-H771- \emptyset - \emptyset	F	2	H771 POWER SUPPLY ASSY			1	B-DD-H771- \emptyset	E	3	H771 POWER SUPPLY	
		E-MD-7412667-0-0	D	1	CHASSIS, POWER SUPPLY		X		D-CS-H771-A-1	H	1	H771-A CIRCUIT SCHEMATIC	
		D-AD-7010680-0-0	C	1	TRANSFORMER ASSY, 6 \emptyset HZ		X		D-CS-H771-C-1	C	1	H771-C CIRCUIT SCHEMATIC	
		D-AD-7010704-0-0	E	1	TRANSFORMER ASSY, 5 \emptyset HZ		X		D-CS-H771-D-1	C	1	H771-D CIRCUIT SCHEMATIC	
		C-AD-7010697-0-0	B	1	POWER CORD ASSY				A-SP-H771- \emptyset -1			ENGINEERING SPECIFICATION	
		D-IA-7010972-0-0	C	1	JUMPER								
		C-MD-7413344-0-0		1	BRACKET, FUSE MOUNTING								
		A-DC-7413403-0-0		1	DECAL, H771-A								
		A-DC-7414250-0-0	A	1	DECAL, H771-C								
		A-DC-7414251-0-0	A	1	DECAL, H771-D								
	2	D-AD-7010718-0-0		1	RX \emptyset 1 POWER BOARD ASSY			2	D-AD-7010718-0-0	*	1	RX \emptyset 1 POWER BOARD ASSY	
		D-IA-7010854-0-0	C	1	READ/WRITE BOARD HARNESS		X		D-C6-5411398-0-1	*	1	RX \emptyset 1 POWER BOARD ASSY	
		D-IA-7010853-0-0	B	1	DISK CONTROL BOARD HARNESS		X						

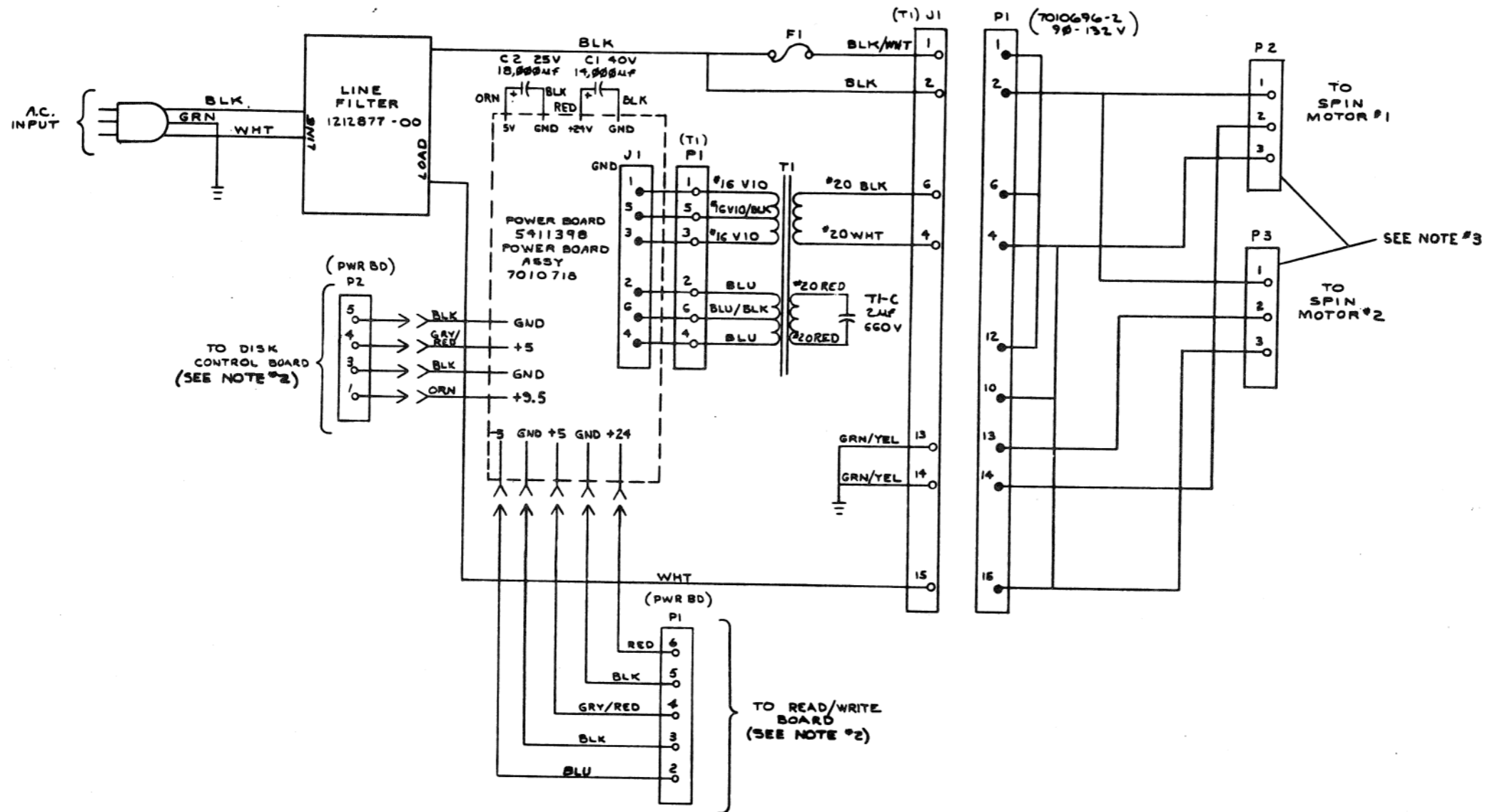
CUSTOMER PRINT SET CODES
 X = PRINT OF DOCUMENT INCLUDED IN PRINT SET
 C = INCLUDES ALL PRINTS INDICATED ON DOCUMENT
 S = CONFIDENTIAL AUTHORIZED SIGNATURE REQUIRED

TITLE: H771 POWER SUPPLY
 SHEET 3 OF 3
 SIZE CODE: B DD
 NUMBER: H771- \emptyset
 REV: F

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NOTES:

1. ALL WIRE TO BE #18 AWG UNLESS OTHERWISE SPECIFIED.
2. SLOT BETWEEN P1-4 + P1-5 CONTAINS A DUMMY PIN. SLOT BETWEEN P2-4 + P2-5 ALSO CONTAINS A DUMMY PIN.
3. NO DOUBLE CRIMPS ARE ALLOWED IN MOLEX CONNECTOR(S) TO MOTOR(S).



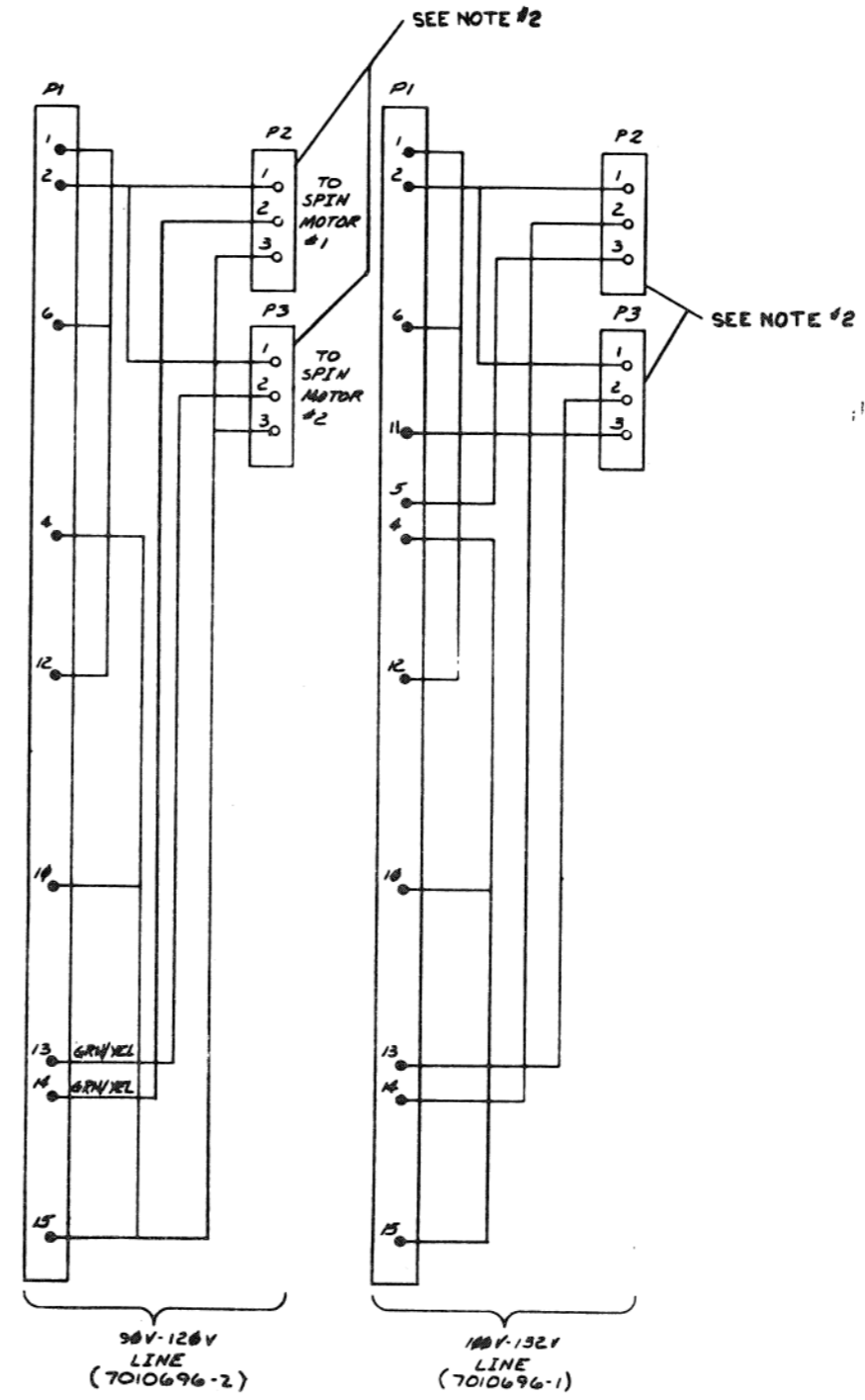
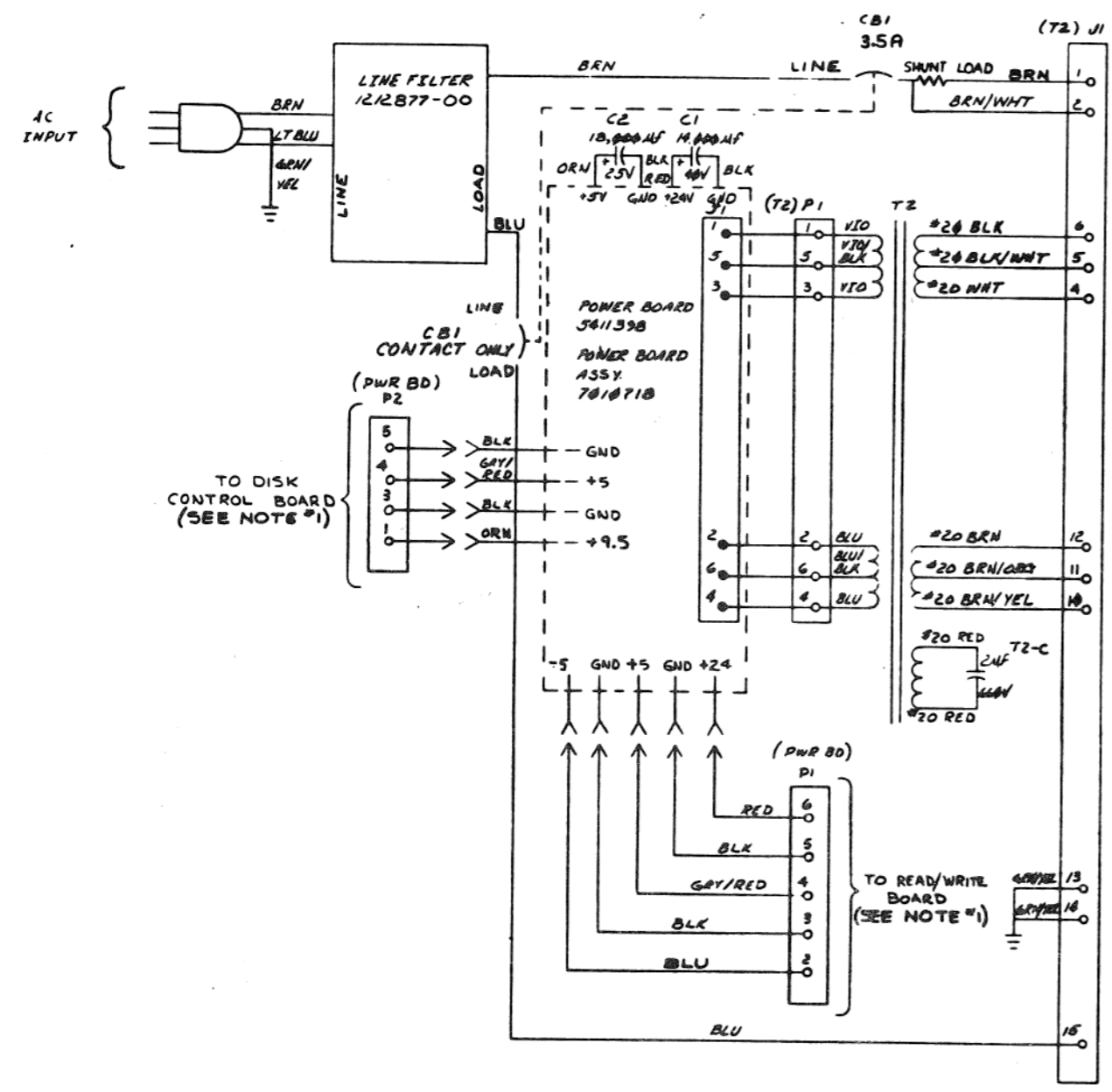
REV.	DATE	BY	CHK'D
A	1/22/75	B. HAZEN	B. HAZEN
B	3/18/75	B. HAZEN	B. HAZEN
C	3/18/75	B. HAZEN	B. HAZEN

DRN. D.E. O'Leary	1/22/75	FIRST USED ON	RX01
CHK'D B. HAZEN	3/18/75	TITLE	H771-A POWER CONNECTIONS
ENG. B. HAZEN	3-18-75	SCALE	NONE
PROG. ENG. B. HAZEN	3-18-75	SIZE	D CS
NEXT HIGHER ASSY.		NUMBER	H771-A-1
B-DD-771-0		REV.	B
SHEET 1 OF 1		DIST.	

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2 of 2 H771-C-1

- NOTES:
1. SLOT BETWEEN PI-4 AND PI-5 CONTAINS A DUMMY PIN. SLOT BETWEEN P2-4 AND P2-5 ALSO CONTAINS A DUMMY PIN.
 2. NO DOUBLE CRIMPS ALLOWED IN MOLEX CONNECTOR(S) TO MOTOR(S).
 3. ALL WIRES TO BE #18 AWG UNLESS OTHERWISE SPECIFIED.

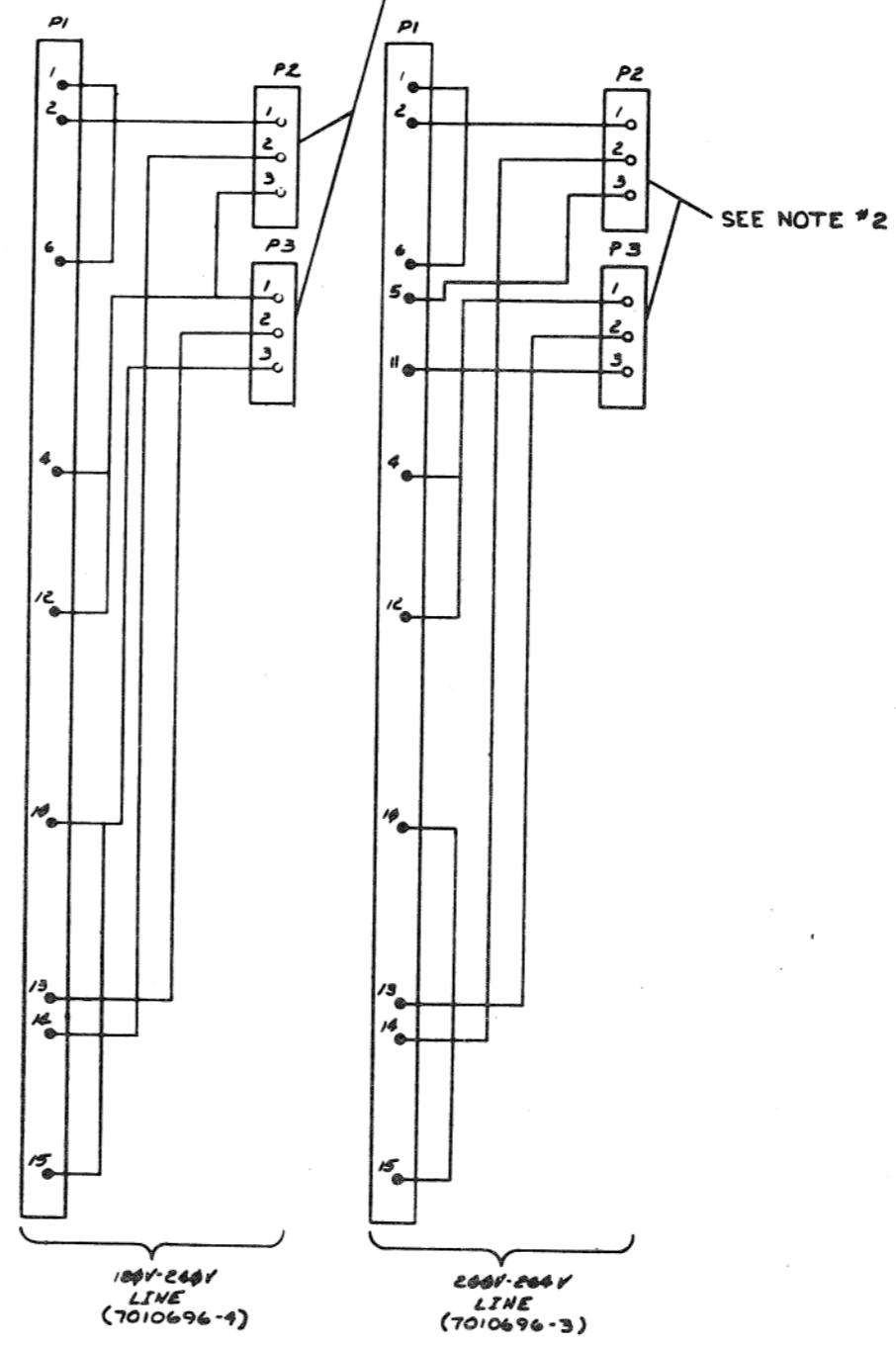
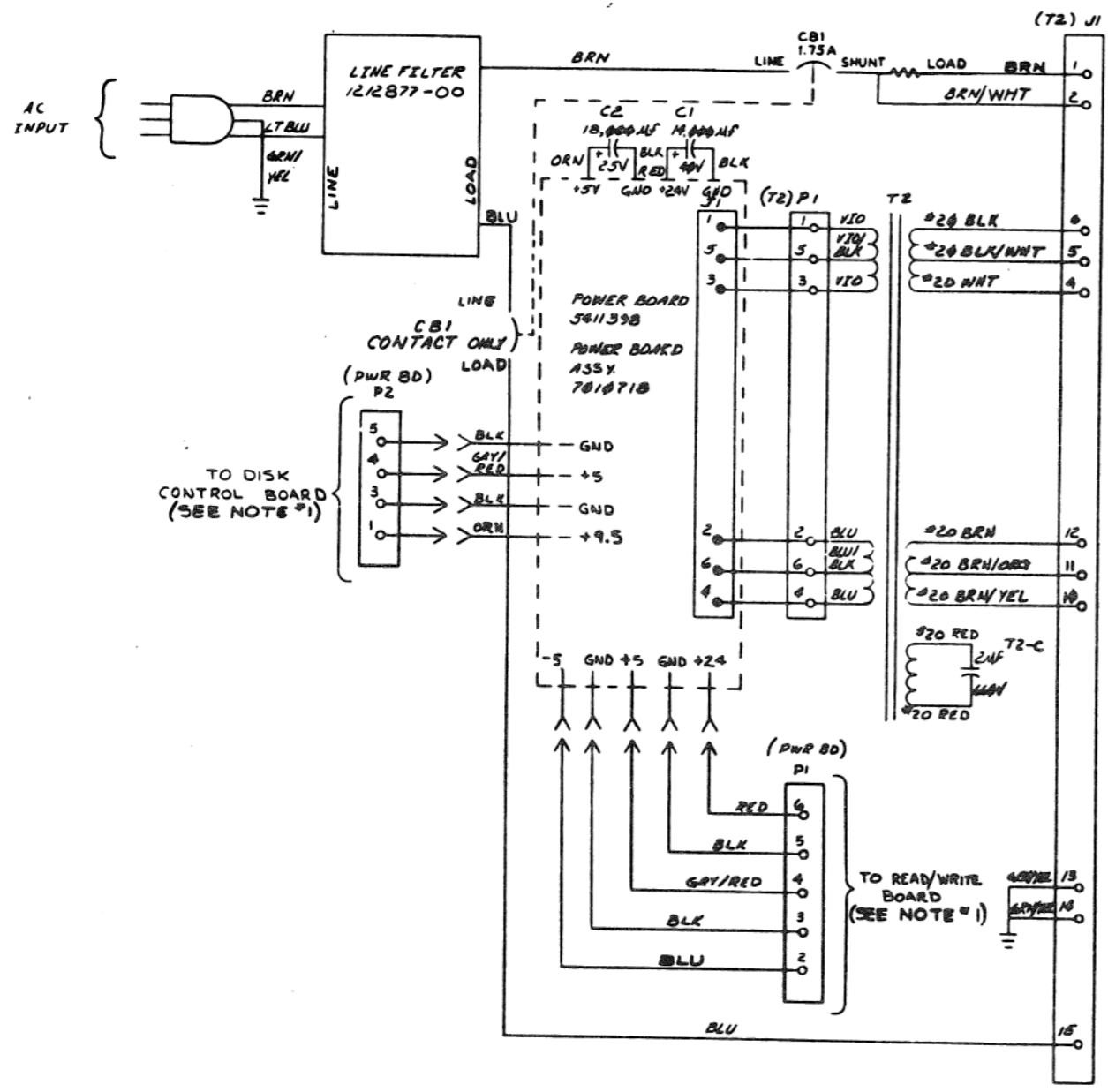


REV.	DATE	BY	CHKD.	APP'D.
1	11/11/75	B. HAZEN	B. HAZEN	
2	11/11/75	B. HAZEN	B. HAZEN	
3	11/11/75	B. HAZEN	B. HAZEN	
4	11/11/75	B. HAZEN	B. HAZEN	
5	11/11/75	B. HAZEN	B. HAZEN	
6	11/11/75	B. HAZEN	B. HAZEN	
7	11/11/75	B. HAZEN	B. HAZEN	
8	11/11/75	B. HAZEN	B. HAZEN	
9	11/11/75	B. HAZEN	B. HAZEN	
10	11/11/75	B. HAZEN	B. HAZEN	
11	11/11/75	B. HAZEN	B. HAZEN	
12	11/11/75	B. HAZEN	B. HAZEN	
13	11/11/75	B. HAZEN	B. HAZEN	
14	11/11/75	B. HAZEN	B. HAZEN	
15	11/11/75	B. HAZEN	B. HAZEN	
16	11/11/75	B. HAZEN	B. HAZEN	
17	11/11/75	B. HAZEN	B. HAZEN	
18	11/11/75	B. HAZEN	B. HAZEN	
19	11/11/75	B. HAZEN	B. HAZEN	
20	11/11/75	B. HAZEN	B. HAZEN	
21	11/11/75	B. HAZEN	B. HAZEN	
22	11/11/75	B. HAZEN	B. HAZEN	
23	11/11/75	B. HAZEN	B. HAZEN	
24	11/11/75	B. HAZEN	B. HAZEN	
25	11/11/75	B. HAZEN	B. HAZEN	
26	11/11/75	B. HAZEN	B. HAZEN	
27	11/11/75	B. HAZEN	B. HAZEN	
28	11/11/75	B. HAZEN	B. HAZEN	
29	11/11/75	B. HAZEN	B. HAZEN	
30	11/11/75	B. HAZEN	B. HAZEN	

DRN. 2/1/75	REV. 1	FIRST USED ON	RX01
CHK. E. REMUD	8 5 75	TITLE	H771-C POWER CONNECTIONS
ENGR. J. S.	8 12 75	SIZE	D CS
PRDL. E. S.	8 2 75	NUMBER	H771-C-1
PRD.	8 2 75	REV.	C
NEXT HIGHER ASSY.		SCALE	1 OF 1
B-DD-H771-C		SHEET	1

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- NOTES:
1. SLOT BETWEEN PI-4 AND PI-5 CONTAINS A DUMMY PIN, SLOT BETWEEN P2-4 AND P2-5 ALSO CONTAINS A DUMMY PIN.
 2. NO DOUBLE CRIMPS ALLOWED IN MOLEX CONNECTOR(S) TO MOTOR(S).
 3. ALL WIRES TO BE #18AWG UNLESS OTHERWISE SPECIFIED.

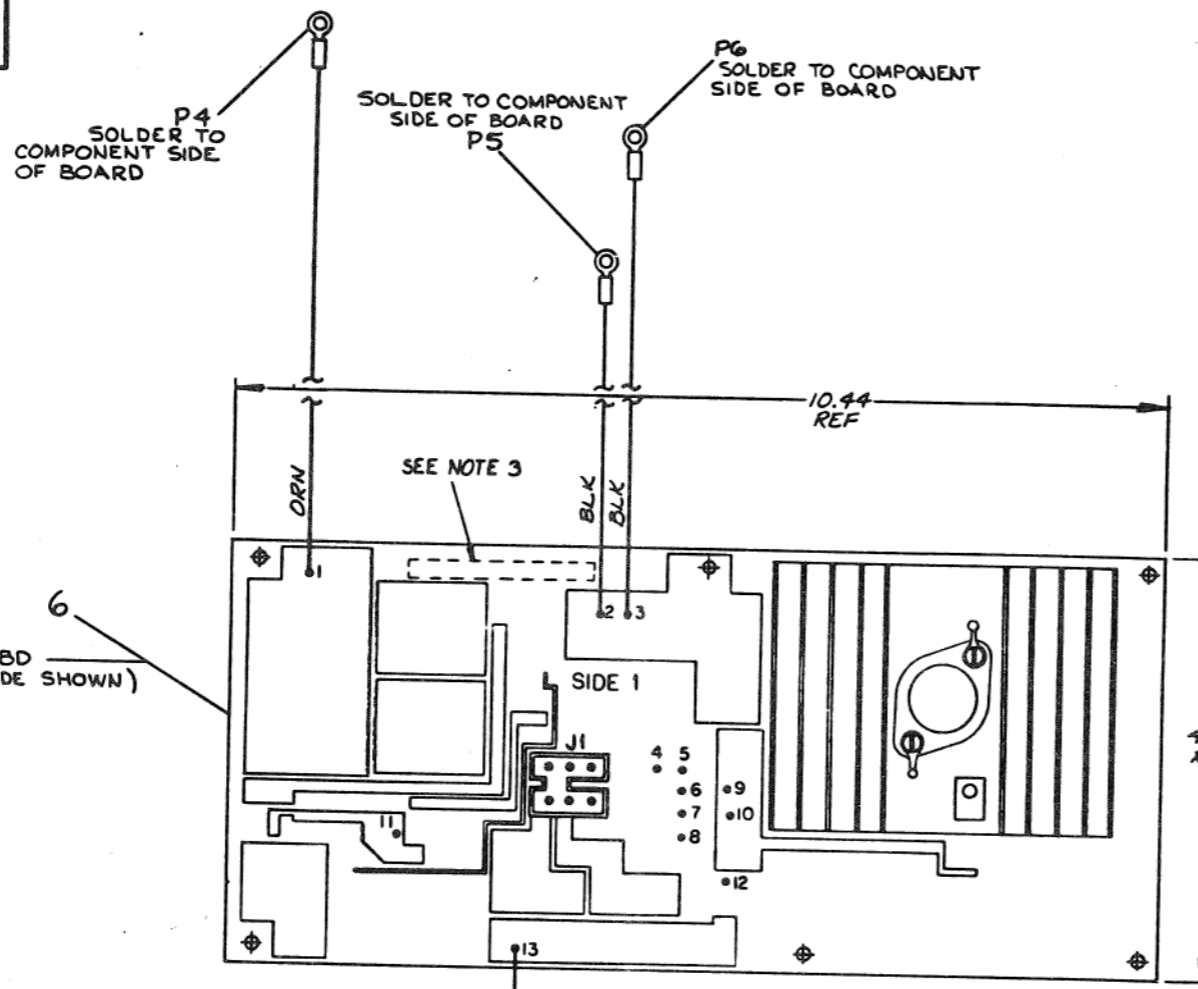


REV.	REV.	REV.	REV.
1	2	3	4
H771-00001	H771-00002	H771-00003	H771-00004
ORIGINATED	REVISED	REVISED	REVISED
B. HAZEN	B. HAZEN	B. HAZEN	B. HAZEN

DRW. 2/1/75	7-30-75	FIRST USED ON	RX01
CHKD. E. KENNEDY	8-5-75	TITLE	H771-D POWER CONNECTIONS
ENGR. B. HAZEN	8-12-75	SCALE	D CS H771-D-1
PROD. B. HAZEN	8-12-75	NUMBER	1
NEXT HIGHER ASSY.		REV.	C
B-00-H771-0		DATE	
SCALE		DRY.	
SHEET	1 OF 1		

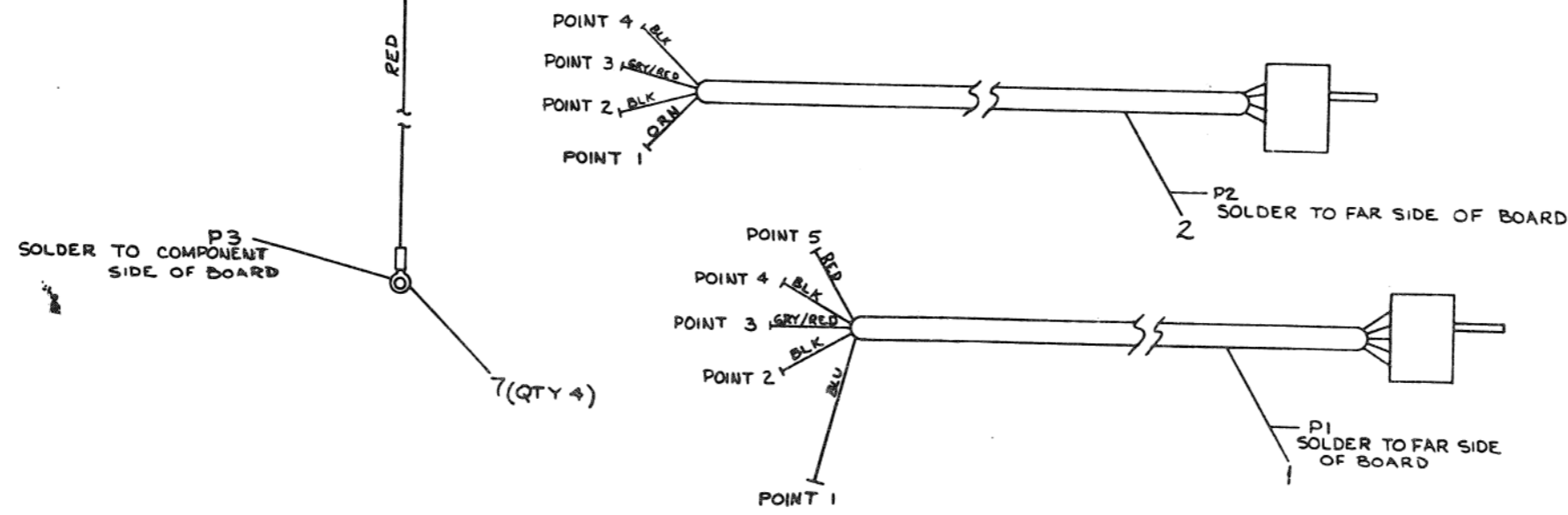
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0-0-810101020102



ITEM NO.	DESCRIPTION	FROM		TO		LENGTH
		AWG	COLOR	CONN	TERM	
1	18 BLU	P1	POINT 1	PWR BD #11	SOLDER	
	BLK	P1	POINT 2	PWR BD #6		
	GRY/RED	P1	POINT 3	PWR BD #9		
	BLK	P1	POINT 4	PWR BD #5		
	RED	P1	POINT 5	PWR BD #12		
2	ORN	P2	POINT 1	PWR BD #4		
	BLK	P2	POINT 2	PWR BD #7		
	GRY/RED	P2	POINT 3	PWR BD #10		
	18 BLK	P2	POINT 4	PWR BD #8		
3	14 RED	P3	ITEM 7	PWR BD #13		13 IN ±.25
4	14 BLK	P5	ITEM 7	PWR BD #2		7 IN ±.25
5	14 ORN	P4	ITEM 7	PWR BD #1		11 IN ±.25
4	14 BLK	P6	ITEM 7	PWR BD #3	SOLDER	9 IN ±.25

- NOTES:
1. STRIP LENGTH FOR ITEMS 3, 4 & 5 ARE TO BE .16 LONG.
 2. THE BLACK WIRES ON P1 & P2 CAN BE INTERCHANGED BETWEEN POINTS 5, 6, 7, & 8 ON THE POWER BOARD.
 3. INK STAMP ASS'Y NO. 7010718 IN FIGURES, 13 HIGH WHERE SHOWN.



DESCRIPTION	DWG. PART NO.	ITEM NO.
CONN, SOLDERLESS	9007928-00	7
POWER SUPPLY BOARD, RXØ1	D-ES-5411398-0-1	6
WIRE, 14 AWG, IPVC, ORANGE	9107370-33	5
WIRE, 14 AWG, IPVC, BLACK	9107370-00	4
WIRE, 14 AWG, IPVC, RED	9107370-22	3
HARNESS, DISK CONTROL BOARD	D-IA-7010853-0-0	2
HARNESS, READ/WRITE BOARD	D-IF-7010854-0-0	1

REV.	DESCRIPTION	DATE
A	REVISED TO 7-18-75	
B	REVISED TO 8-1-75	
C	REVISED TO 8-1-75	
D	REVISED TO 8-1-75	
E	REVISED TO 8-1-75	
F	REVISED TO 8-1-75	
G	REVISED TO 8-1-75	
H	REVISED TO 8-1-75	
I	REVISED TO 8-1-75	
J	REVISED TO 8-1-75	
K	REVISED TO 8-1-75	
L	REVISED TO 8-1-75	
M	REVISED TO 8-1-75	
N	REVISED TO 8-1-75	
O	REVISED TO 8-1-75	
P	REVISED TO 8-1-75	
Q	REVISED TO 8-1-75	
R	REVISED TO 8-1-75	
S	REVISED TO 8-1-75	
T	REVISED TO 8-1-75	
U	REVISED TO 8-1-75	
V	REVISED TO 8-1-75	
W	REVISED TO 8-1-75	
X	REVISED TO 8-1-75	
Y	REVISED TO 8-1-75	
Z	REVISED TO 8-1-75	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

ANGLES	SURFACE QUALITY	VARIATION	FINISH
30°	IN	MICROMETERS	

THIRD ANGLE PROJECTION

REMOVE BURRS AND BREAK SHARP CORNERS

DO NOT SCALE DWG

MATERIAL: SEE PARTS LIST

FINISH: / /

DRN: T. Ouellet 1/28/75

CHK'D: M. C. [Signature] 3/5/75

ENGR: [Signature] 3-18-75

PROJ. ENG. [Signature] 3-18-75

PROD. [Signature] 3/18/75

FIRST USED ON: H771

TITLE: RXØ1 POWER BOARD ASS'Y

SIZE: E-UA-H771-0-0

SCALE: 1/1

SIZE CODE: D

CODE: ADI7010718-0-0

NUMBER: 1

REV: B

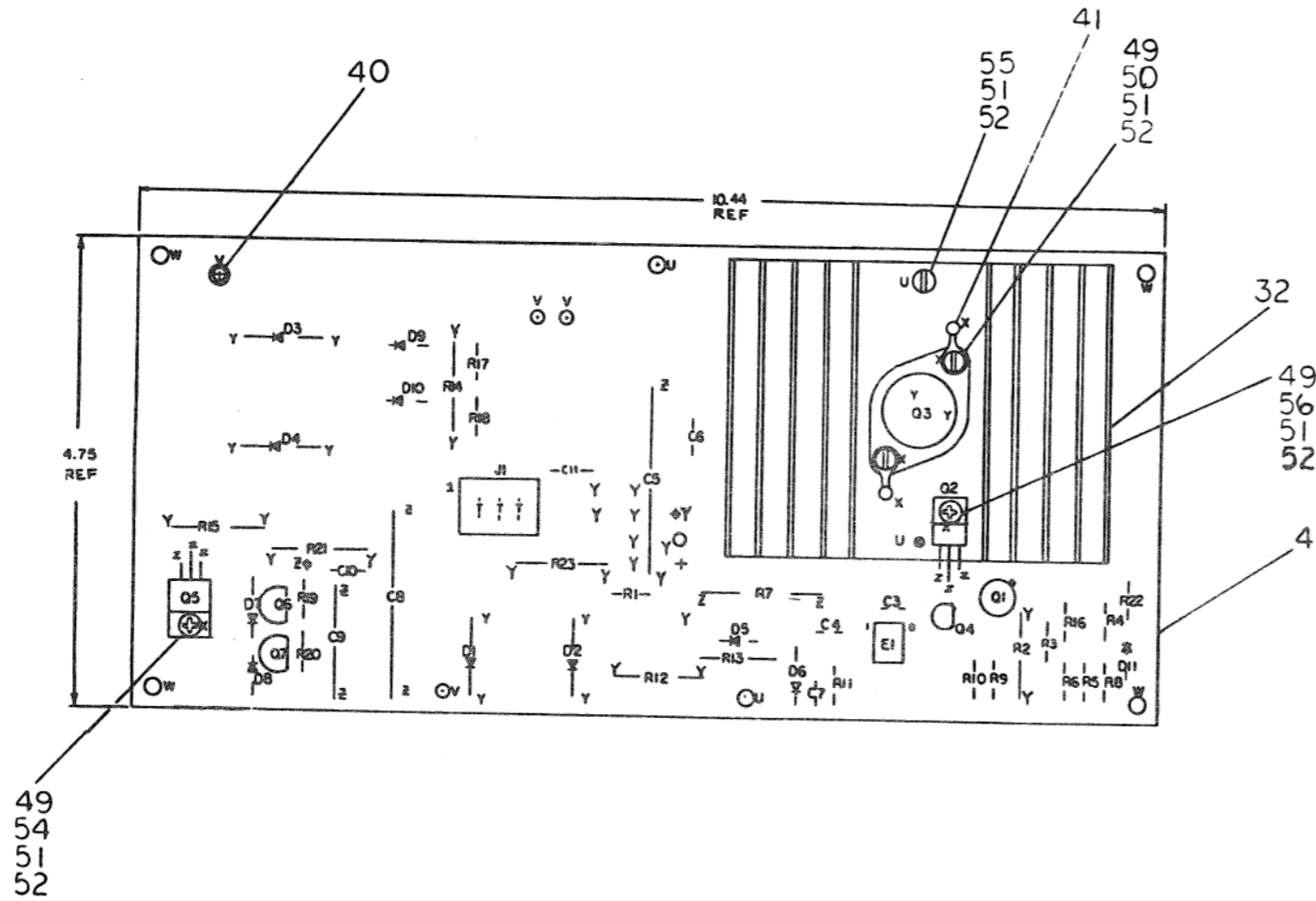
SHEET 1 OF 1

DIST.

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NOTES:

1. UNLESS OTHERWISE SPECIFIED
 A. ALL RESISTORS ARE 1/4W, ±5%.
2. DOTTED AREAS COMPONENT NOT ON BOARD.
3. AT TIME OF MODULE ASSY, ITEM #9 SHOULD BE APPLIED BENEATH Q2, Q3 & Q5.
4. AT TIME OF ASSEMBLY, Q2, Q3 AND Q5 MOUNTING HARDWARE MUST BE TORQUED TO 4 TO 6 INCH POUNDS.
5. Q4, Q6 AND Q7 OUTLINES CORRESPOND TO GENERAL ELECTRIC TYPE TRANSISTORS.
6. FLAT RECTANGULAR WASHER SUPPLIED BY VENDOR TO BE MOUNTED UNDER Q2 AND Q5 SCREWHEAD.



QTY	REF. DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
		X-Y COORDINATE HOLE LOCATION	KCD-5411398-0-1	1
		ASSY/DEILLING HOLE LAYOUT	D-AH-5411398-0-5	2
		MODULE ECO HISTORY	B-MH-5411398-0-6	3
1		ETCHED CIRCUIT BOARD	5011397-00	4
3	C3, C4, C7	CAP .01 µF 100V 20% DISC	1001610-01	5
2	C5, C8	CAP 1000 µF 16V ELEC	1011849-02	6
3	C6, C10, C11	CAP .1 µF 100V 20% DISC	1000030-00	7
1	C9	CAP 190 µF 12V 10% ELEC	1009433-00	8
2	D1, D2	DIODE 1A158 (INS624)	1110420-00	9
2	D3, D4	DIODE M1752	1110615-00	10
1	D5	DIODE 1N4744 15V 10%	1105648-00	11
				12
2	D7, D6	DIODE .4M5.1Z1.5.1V 1%	1105873-00	13
1	D8	DIODE D664	1100114-00	14
2	D9, D10	DIODE 1N4004	1105796-00	15
1	D11	DIODE 1N754A 6.8V 5%	1109991-00	16
1	E5	RES 39 1/4W 5% CC	1302377-00	17
1	E6	RES 470 1/4W 5% CC	1300316-00	18
1	E7	RES .08 5W 3%	1311603-00	19
1	E8	RES 47 1/4W 5% CC	1300202-00	20
1	E9	RES 1M 1/4W 5% CC	1309595-00	21
1	E12	RES 270 2W 5% CC	1305380-00	22
1	E13	RES 511 1/4W 1%	1300324-00	23
1	E14	RES 10 2W 10% CC	1300172-00	24
1	E15	RES 180 1W 5% CC	1300262-00	25
1	E16	RES 10 1/4W 5% CC	1301317-00	26
				27
1	E18	RES 120 1/4W 5% CC	1300247-00	28
2	E19, E20	RES 1K 1/4W 5% CC	1300365-00	29
1	E22	RES 220 1/4W 5% CC	1300271-00	30
1	E21	RES 120 1W 5% CC	1301838-00	31
1		HEAT SINK	1212201-00	32
1	Q1	TRANS DEC 2219-2	1501883-00	33
1	Q2	TRANS DA4C3	1510171-01	34
1	Q3	TRANS DEC3715	1509068-00	35
2	Q4, Q6	TRANS MXA A85	1510705-00	36
1	Q5	TRANS D45H8	1510708-01	37
1	Q7	TRANS MXA A55	1510706-00	38
1	E1	I.C. DEC 301AN	1910282-CO	39
4		EYELET	9007896-00	40
2		TERMINAL LUG, SOLDER	9009676-00	41
1	J1	CONNECTOR 6 PIN	1211342-0	42
				43
1	R4	RES 560 1/4W 5% CC	1301890-00	44
1	R23	RES 75 1W 5% CC	1305281-00	45
3	R1, R18, R11	RES 10K 1/4W 5% CC	1300479-00	46
1	R2	RES 390 2W 5% CC	1301869-00	47
1	R3	RES 620 1/4W 5% CC	1303178-00	48
AIR		THERMAL COMPOUND	9008268-00	49
2		SCREW 4-40 X 1/2	9006013-04	50
5		KEPNUT 4-40	9006557-00	51
5		WASHER FLAT 4-40	9006655-00	52
				53
1		SCREW 4-40 x 5/16 (PHILLIPS HB)	9006011-1	54
1		SCREW 4-40 x 7/16	9006012-04	55
1		SCREW 4-40 X 1/2 (PHILLIPS HB)	9006013-1	56
1		RES. 22 1/4W 5%	1301969-00	57

IC TYPE	QND	Q7V
301A	4	7

QND AND Q7V ARE USUALLY PIN 7 AND 14 RESPECTIVELY EXCEPTIONS ARE STATED ABOVE

IC PIN LOCATIONS

D. CALDERAN
 Check Ass'd 21/MAR/74
 5411398 MLOO 4 E
 C. YOUSSE
 C. YOUSSE 27 DEC 78
 5411398-MLOO 3 D
 D. VEINOT
 5411398-00001 C
 W. HAZEN
 5411398-4-3-73
 5411398-00001 B
 5411398-00001

FIRST USED OR OPTION MODEL: RX01

ETCH BOARD REV. D

PARTS LIST

DATE: 11/27/74

DATE: 1/8/75

DATE: 1/24/75

DATE: 3/29/75

digital

TITLE: RX01 POWER SUPPLY

SIZE CODE NUMBER: DCS 5411398-0-1 REV. E

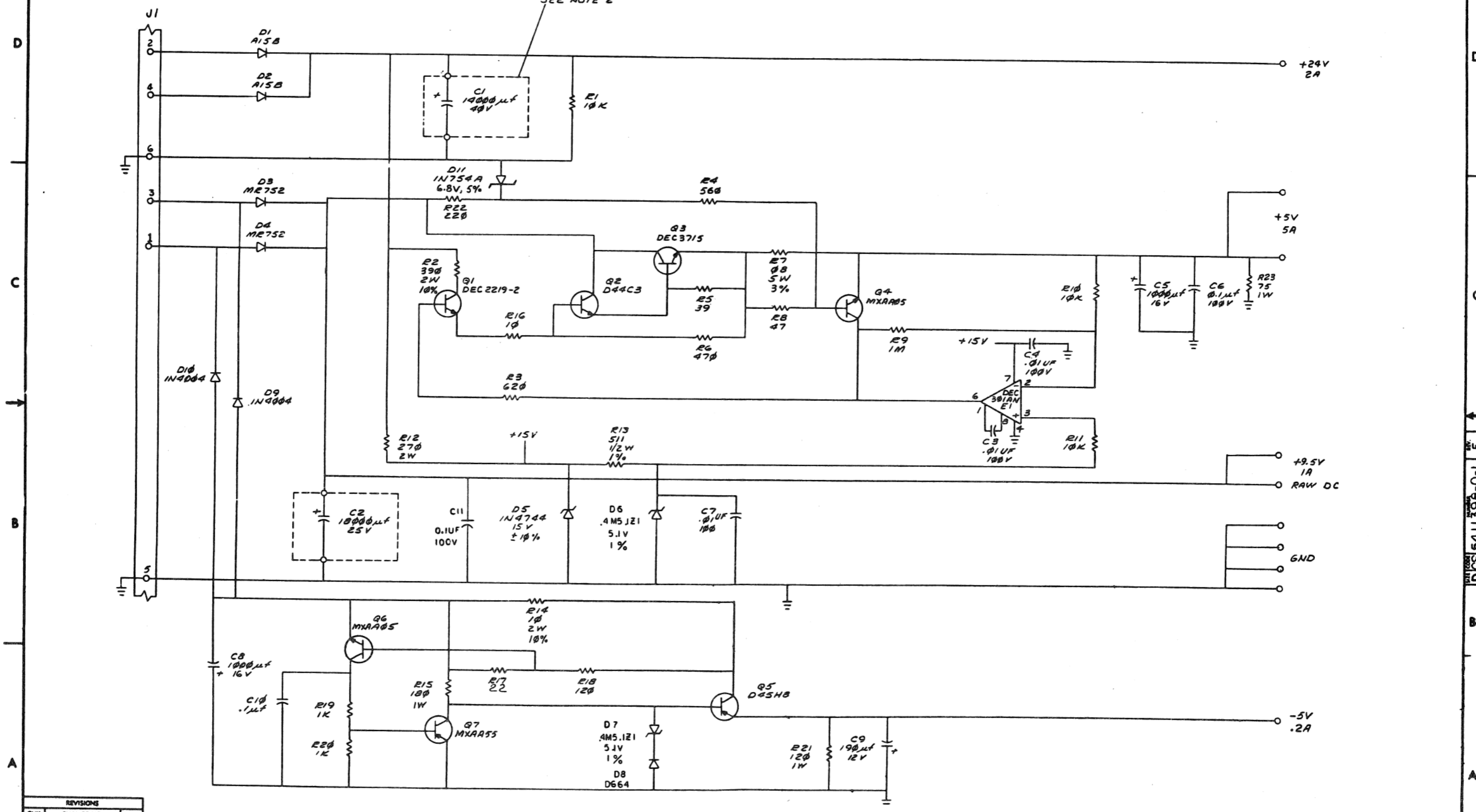
SCALE: 1" = 1"

SHEET 1 OF 2

SEMICONDUCTOR CONVERSION CHART

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SEE NOTE 2



REVISIONS		
CHK	CHANGE NO.	REV.

TITLE	RX01 POWER SUPPLY	SIZE/COORD	NUMBER	REV.
SCALE	SHEET 2 OF 2	DIST.	DCS 5411398-0-1	E