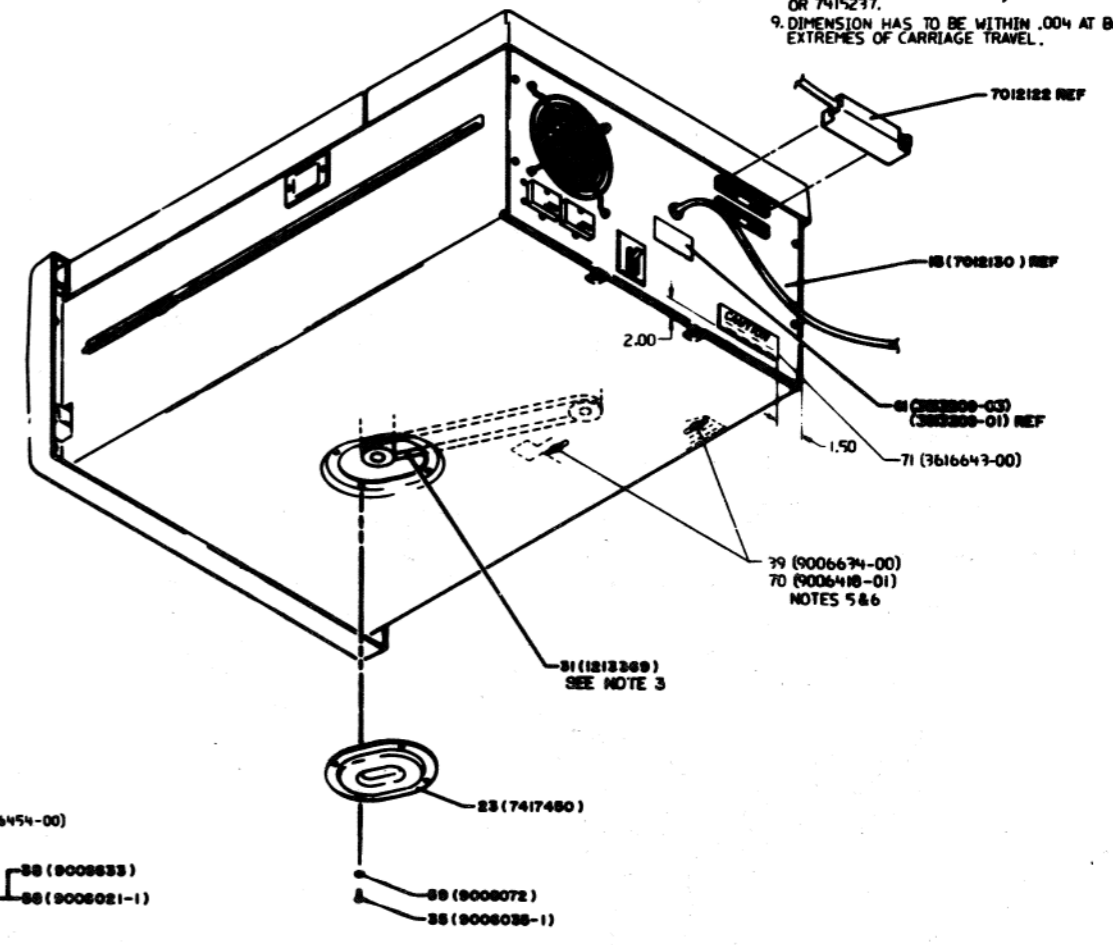
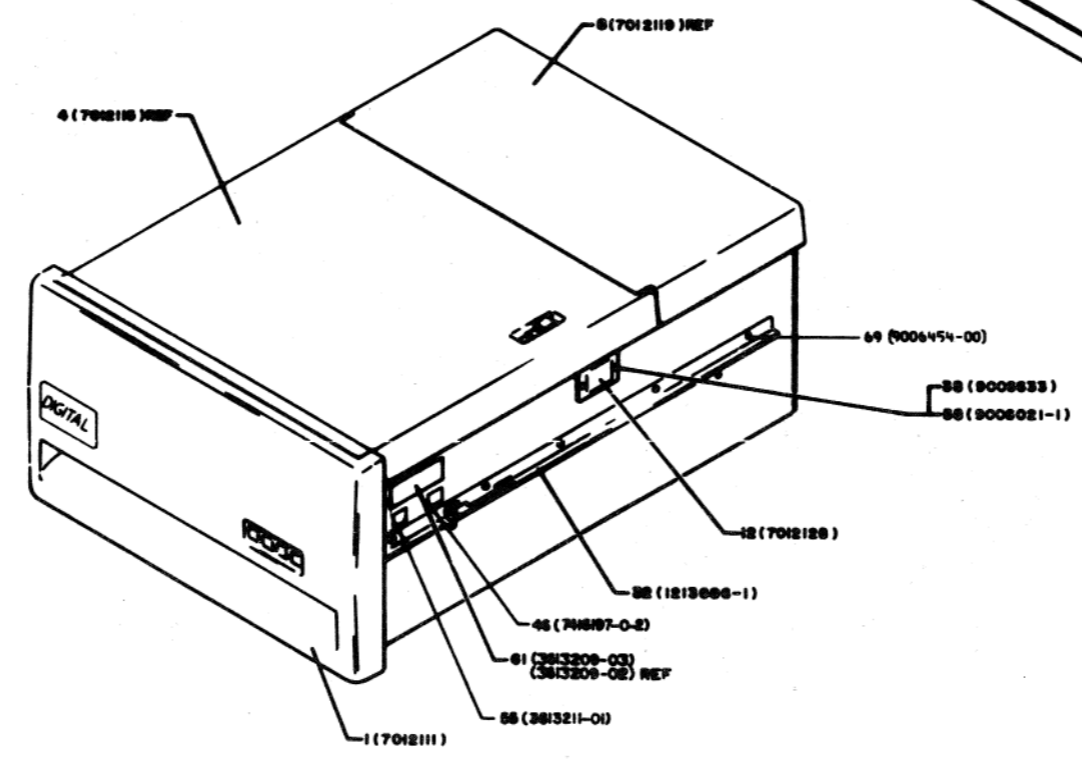






NOTES:  
 1. LOWER HEAD (701210) SHALL BE POSITIONED REARWARD AGAINST PIN IN OVERAGE

- NOTES:
1. LOWER HEAD (701210) SHALL BE POSITIONED REARWARD AGAINST PIN IN OVERAGE
  2. ALL SCREWS TO BE TIGHTENED AS FOLLOWS:  
 4-40 SCREW, TORQUE 3.5 ± 0.5 IN LBS  
 8-32 " " " 8.0 ± 1.0 " "  
 10-32 " " " 16.0 ± 2.0 " "
  3. DRIVE BELT TENSION 10.0 ± 1.0 LBS
  4. 4-40 HEAD MTG BOLTS TO BE TIGHTENED TO 5.0 ± 0.5 IN LBS.
  5. TORQUE 8-32 SELF TAPPING HARDWARE (ITEM 70) TO 16-18 IN-LBS.
  6. BLOWER HOUSING SECURING HARDWARE TO BE REMOVED BEFORE OPERATING UNIT.
  7. DIMENSION APPLIES TO HIGHEST OR LOWEST POINT ALONG BRUSH ARM OR BLOCK OF BRUSH.
  8. THREE (3) TOOLING POINTS, SEE DRAWING 7416846 OR 7415217.
  9. DIMENSION HAS TO BE WITHIN .004 AT BOTH EXTREMES OF CARRIAGE TRAVEL.

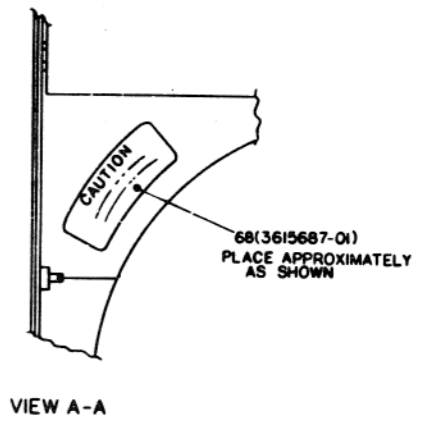
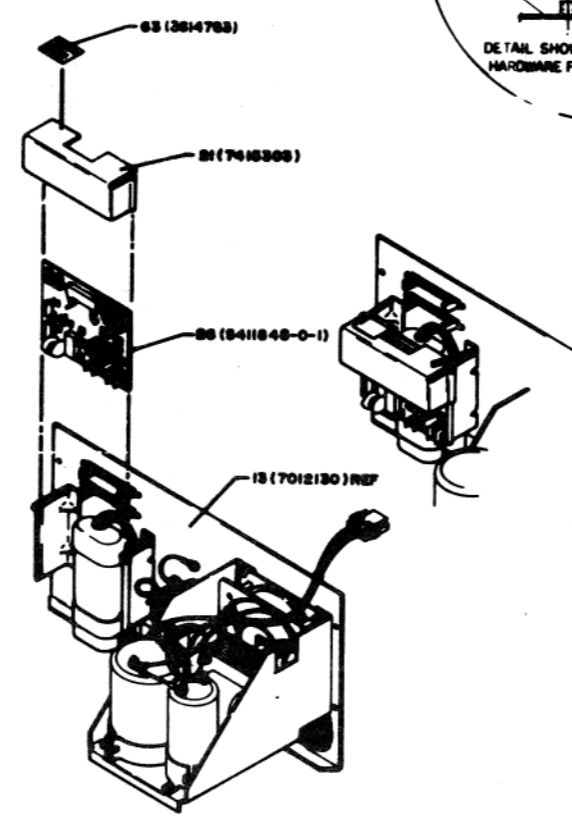
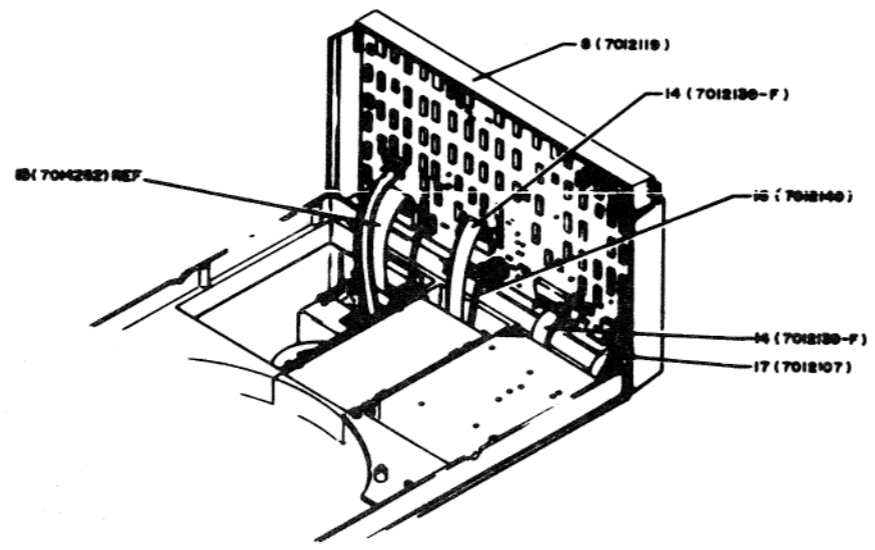
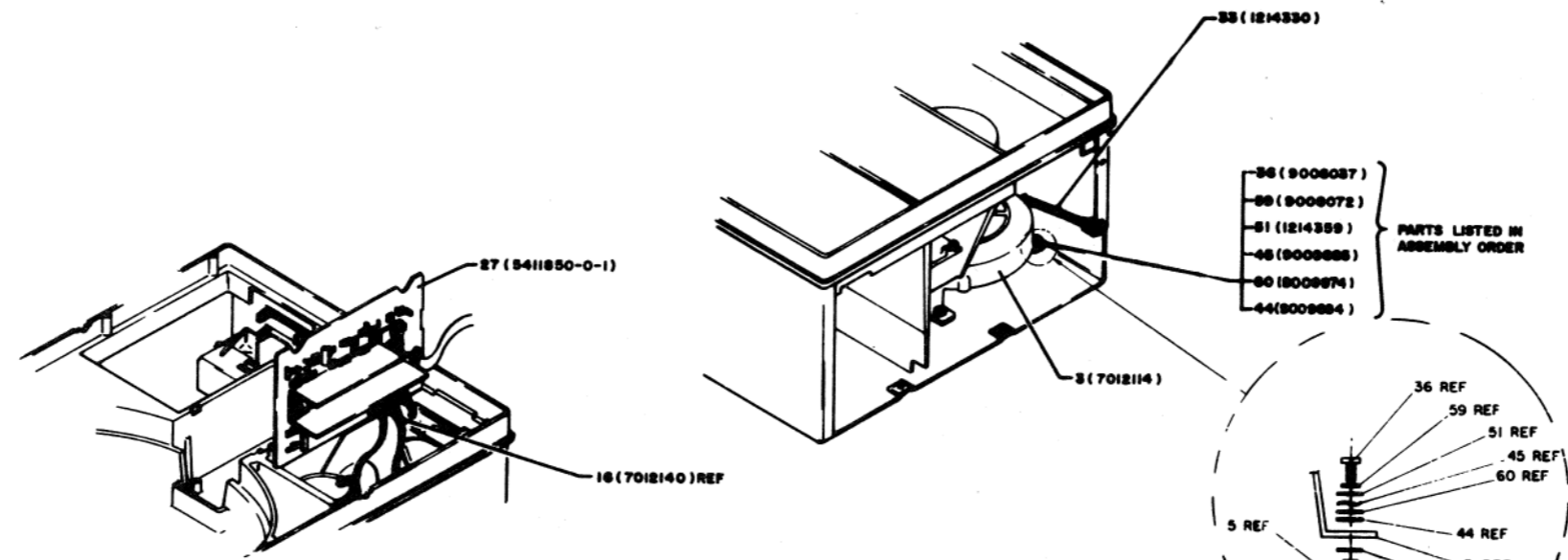


REV	DATE	BY	CHKD	DESCRIPTION
1				REVISED TO ADD PARTS LIST
2				REVISED TO ADD PARTS LIST
3				REVISED TO ADD PARTS LIST
4				REVISED TO ADD PARTS LIST
5				REVISED TO ADD PARTS LIST
6				REVISED TO ADD PARTS LIST
7				REVISED TO ADD PARTS LIST
8				REVISED TO ADD PARTS LIST
9				REVISED TO ADD PARTS LIST
10				REVISED TO ADD PARTS LIST
11				REVISED TO ADD PARTS LIST
12				REVISED TO ADD PARTS LIST
13				REVISED TO ADD PARTS LIST
14				REVISED TO ADD PARTS LIST
15				REVISED TO ADD PARTS LIST
16				REVISED TO ADD PARTS LIST
17				REVISED TO ADD PARTS LIST
18				REVISED TO ADD PARTS LIST
19				REVISED TO ADD PARTS LIST
20				REVISED TO ADD PARTS LIST

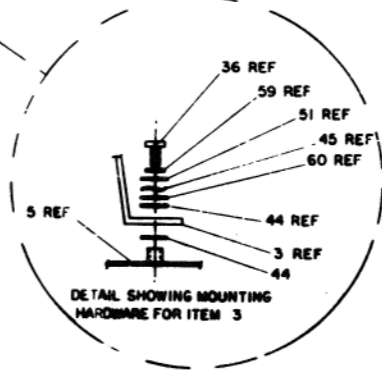
QTY	DESCRIPTION	REF
1	FRONT PANEL	1 (701211)
1	LOWER HEAD	8 (701210)
1	DRIVE BELT	71 (3616643-00)
1	BLADE	23 (7417480)
1	ROLLER	81 (1213000)
1	ROLLER	82 (1213000-1)
1	ROLLER	46 (701217-0-2)
1	ROLLER	81 (3813209-03)
1	ROLLER	66 (3813211-01)
1	ROLLER	69 (9006454-00)
1	ROLLER	88 (9008833)
1	ROLLER	88 (9008021-1)
1	ROLLER	12 (701210)
1	ROLLER	18 (701210)
1	ROLLER	70 (9006418-01)
1	ROLLER	70 (9006418-01)



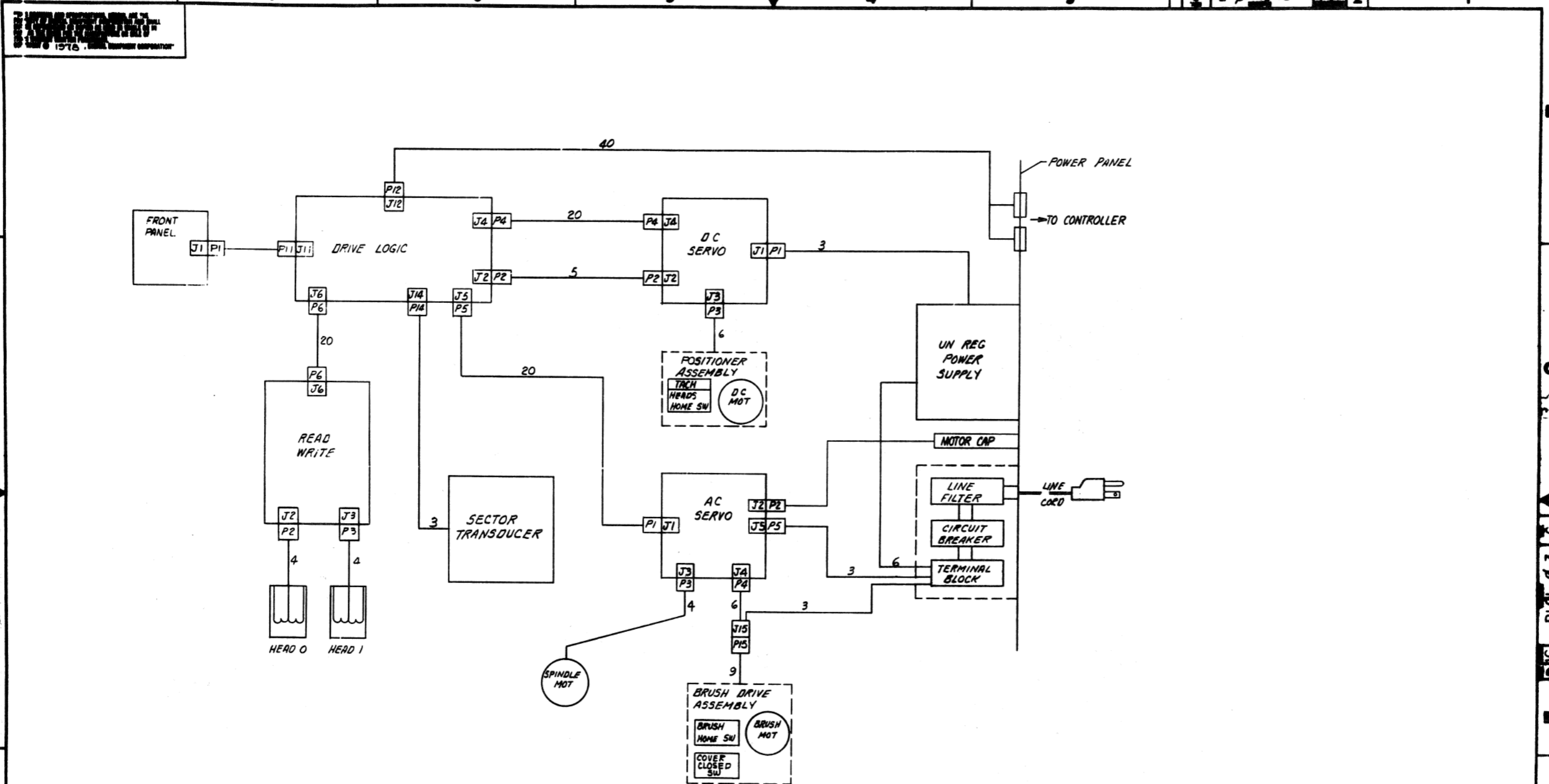
REV. 1  
DATE: 11/1/64



- PARTS LISTED IN ASSEMBLY ORDER
- 36 (9008037)
  - 59 (9008072)
  - 51 (1214339)
  - 45 (9008085)
  - 60 (9008074)
  - 44 (9008084)



ITEM NO.	DESCRIPTION	QTY	UNIT	REF
1	RELAY RACK ASSEMBLY	1	ASSEMBLY	
2	RELAY RACK ASSEMBLY	1	ASSEMBLY	
3	RELAY RACK ASSEMBLY	1	ASSEMBLY	
4	RELAY RACK ASSEMBLY	1	ASSEMBLY	
5	RELAY RACK ASSEMBLY	1	ASSEMBLY	
6	RELAY RACK ASSEMBLY	1	ASSEMBLY	
7	RELAY RACK ASSEMBLY	1	ASSEMBLY	
8	RELAY RACK ASSEMBLY	1	ASSEMBLY	
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100	RELAY RACK ASSEMBLY	1	ASSEMBLY	



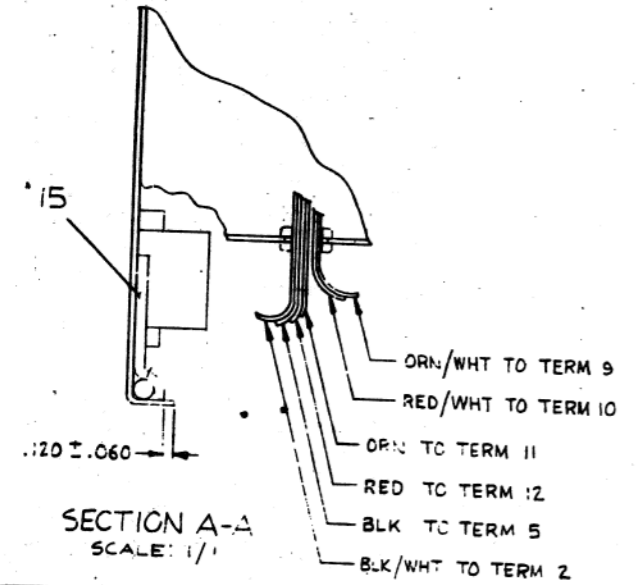
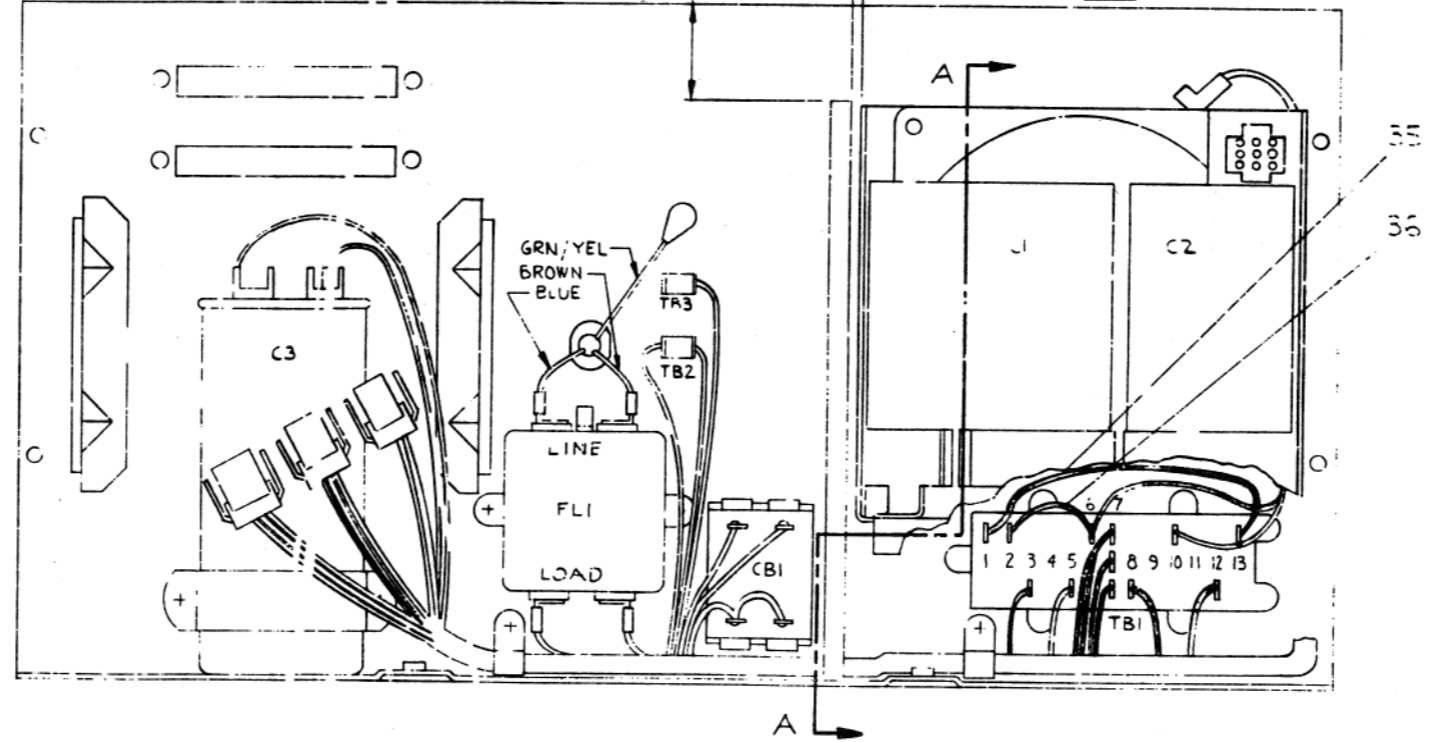
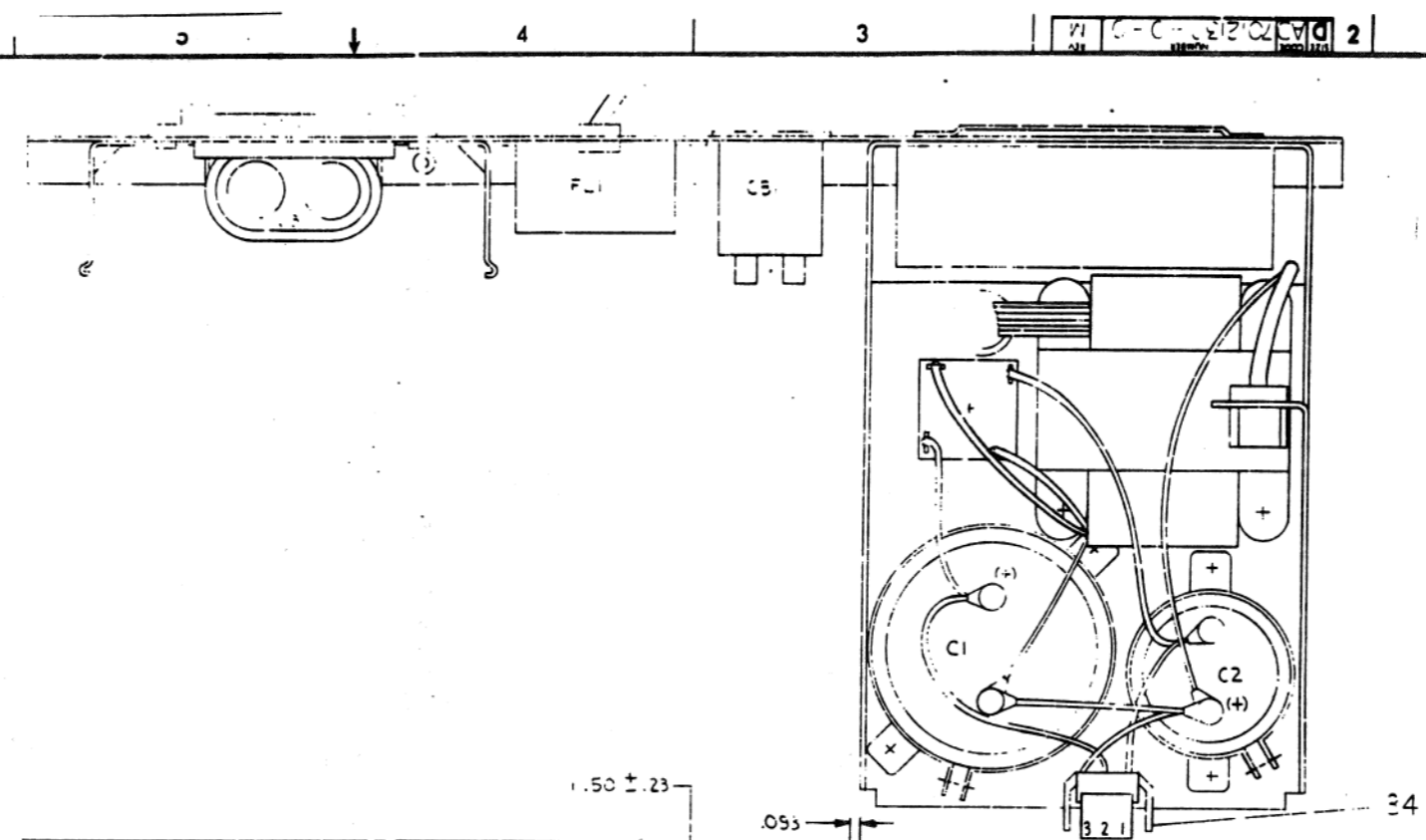
DESCRIPTION		DWG. PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			
ANGLES OF 20°	CLASS OF ACCURACY	TOLERANCE RANGE SYSTEM	
SURFACE QUALITY IN MICROINCHES	(CHECK ONE)	0.005 0.010 0.015 0.020	0.005 0.010 0.015 0.020
QUANTITY & VARIATION	PREFERRED	0.012 0.018 0.025 0.031	0.037 0.044 0.051 0.058
THIRD ANGLE PROJECTION	DRAWN BY: <i>[Signature]</i> 9-27-77	FIRST USED ON: RL01	
REMOVE BURRS AND BREAK SHARP EDGES	CHK'D BY: <i>[Signature]</i> 10/1/77	TITLE: RL01 SYSTEM CABLING	
DO NOT SCALE DIMS	PROJ. ENG. BY: <i>[Signature]</i> 10/1/77	SIZE CODE: NUMBER	
MATERIAL	PREP. BY: <i>[Signature]</i> 10/1/77	D I C	
FINISH	NEXT NUMBER ASSY.	REV. C	
	B-DD-RL01-0	RL01-0-3	
	SCALE: 1-1	SHEET 2 OF 2	

DATE: 10/1/77  
 DRAWN BY: [Signature]  
 CHECKED BY: [Signature]  
 PROJECT: RL01



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 METAL EQUIPMENT CORPORATION

- NOTES:**
- INPUT VOLTAGE 50 OR 60 HZ  
 80-110, 105-128 VAC  
 180-220, 210-256 VAC
  - OUTPUT VOLTAGE  $\pm 11.5$  VDC MIN AT MIN POINT OF THE RIPPLE. 8 VDC MAX AT HIGH LINE. (MAX OF 25 VDC AT HIGH LINE NO LOAD).
  - OUTPUT CURRENT: POSITIVE OUTPUT  
 2.5 AMP CONTINUOUS  
 3.5 AMP PULSE "25 MS"  
 NEGATIVE OUTPUT  
 .25 AMP CONTINUOUS  
 3.5 AMP PULSE "25 MS"  
 PULSE CURRENT ON ALTERNATE OUTPUT AT A 65 MS OUT CYCLE.
  - OUTPUT RIPPLE AT 110 VOLTS  
 A. NO LOAD 100 MV P/P  
 B. +2.5 A 600 MV P/P  
 -.25 A 300 MV P/P  
 C. +2.5 A 600 MV P/P  
 -3.75 A 1.5 V DURING PULSE  
 RIPPLE AT 90 V RMS  
 +2.5 A 500 MV  
 -3.75 A 2 V  
 +6 A 900 MV  
 -.25 A 400 MV
  - HIGH POT TEST PER UL 478  
 CONNECT BOTH AC LEADS TO THE POSITIVE TERMINAL OF THE SUPPLY AND GRN WIRE GROUND TO THE NEGATIVE TERMINAL OF THE SUPPLY. CLOSE CIRCUIT BREAKER AND INCREASE VOLTAGE TO 1750 VDC, ANY CURRENT INDICATES FAILURE.



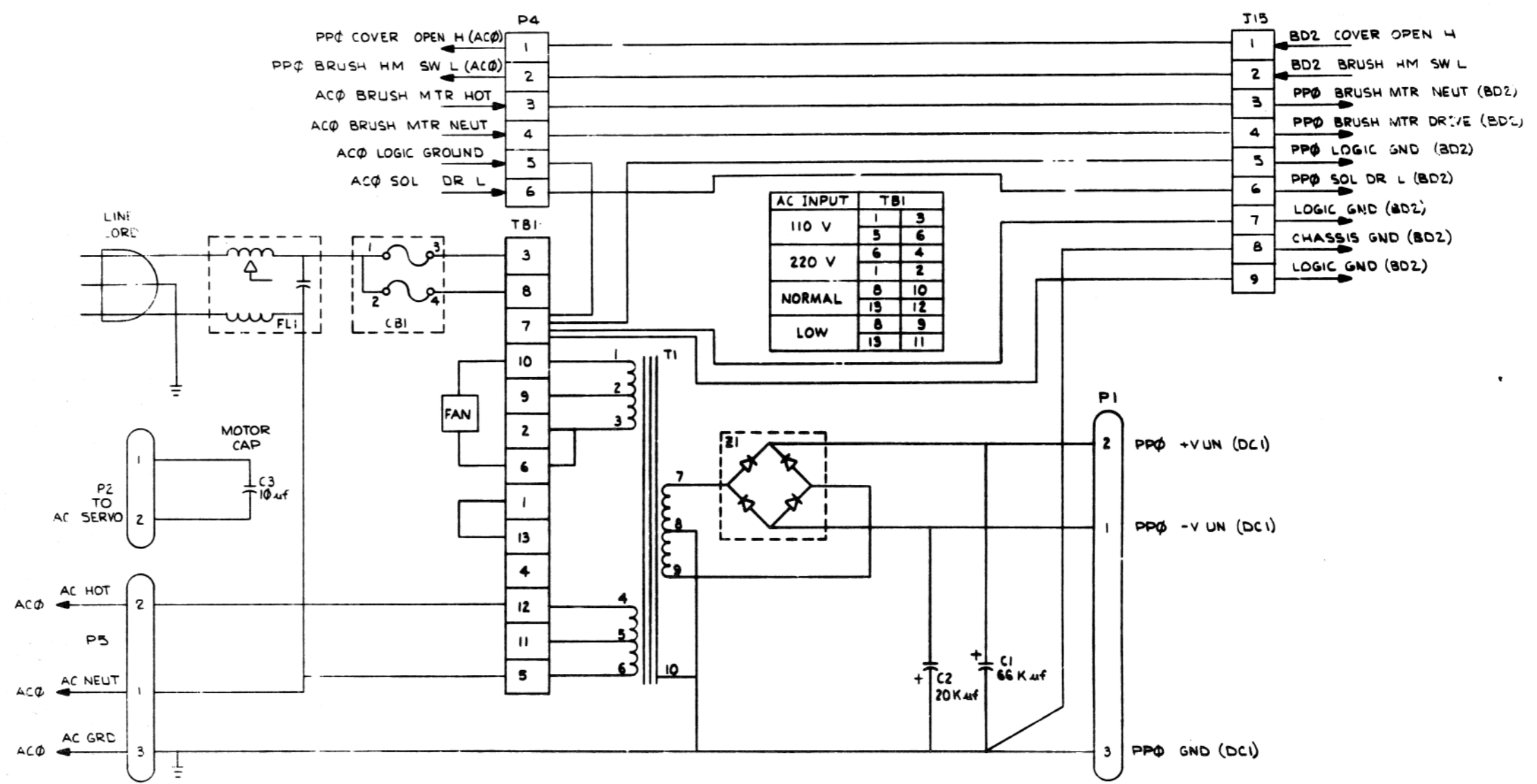
REVISIONS		
CHK	CHANGE NO.	REV.

TITLE	SIZE CODE	NUMBER	REV.
POWER PANEL ASSY	DAD	7012130-C C	M
SCALE: 1/1	SHEET 2 OF 3	DIST.	

8	7	6	5	4	3	2	1
---	---	---	---	---	---	---	---



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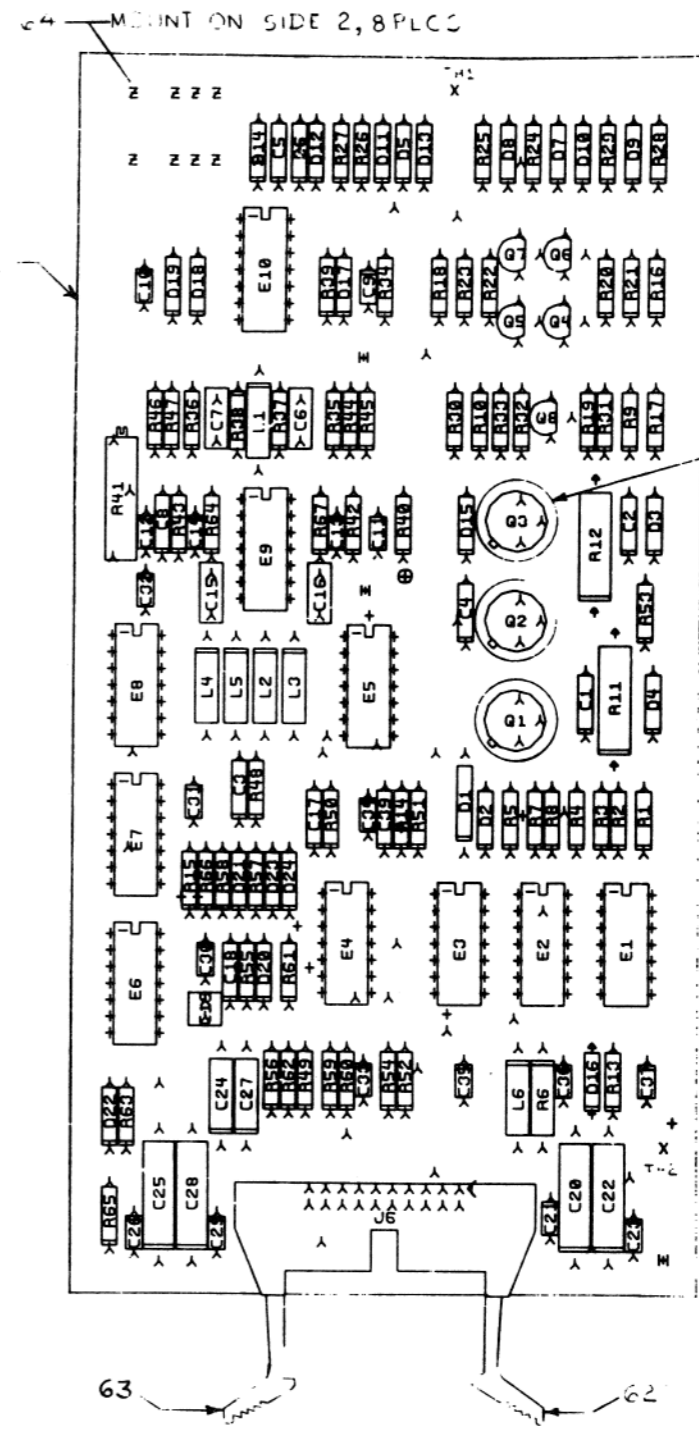


REVISIONS		
CHK	CHANGE NO.	REV.

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5411844-0-0 2 1

COMPONENT SIDE VIEW



NOTES:  
1. 8 HOLES .0765 (+.000-.0015) MAYNARD ONLY

CHANGE NO	REV	DATE	BY	CHK'D
1	1	11/15/77	FE/ISEL	FE/ISEL

SYMBOL	HOLE DATA									
	+	λ	X	φ	Z	M	Δ	□	◇	*
FIN HOLE SIZE	.038	.042	.156	.055	.032	.101				
PLATED				X	X	X				
NON PLATED										
QTY.	150	338	2	6	8	3				
○-OFF GRD HLE	1									
DRILL SIZE										
.025 GRID UNLESS INDICATED										

ETCH REV. E-PI
P.C. DESIGN DATA BASE REV. E

SIGNATURES		DATE
DRN. L. PETERSON		11-15-77
CHK'D. <i>[Signature]</i>		11-15-77
ENG. <i>[Signature]</i>		11-15-77
PROJ. ENG. <i>[Signature]</i>		11-15-77
PROD. <i>[Signature]</i>		11-15-77
SCALE	SIZE CODE	NUMBER
SHT. 1 OF 3	d UA	5411844-0-0
NEXT HIGHER ASSY.		

digital

TITLE  
READ/WRITE BOARD

REV H

1 MS#

DIGITAL EQUIPMENT CORPORATION				QUANTITY / VARIATION										NOTES:		
PARTS LIST																
MADE BY <i>P. Burnell</i>		CHECKED <i>P. Burnell</i>		SECTION												
DATE <i>8-9-76</i>		DATE <i>2-18-77</i>		ISSUED SECTION												
ENG <i>P. Burnell</i>		PROD <i>P. Burnell</i>														
DATE <i>5/5/77</i>		DATE <i>5/5/77</i>														
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	5411844-0-0												REF DESIGNATION
1	D-4D-5011843-0-0	5011843	ETCHED CIRCUIT BOARD	1												
2		1001610-00	CAPACITOR .01 uF 50V CER AX	16												C9, C10, C11, C12, C21, C23, C26, C29, C30, C31, C32, C33, C34, C20, C22, C25, C28
3		1005306-00	CAPACITOR 6.8 uF 35V TANT	4												<del>C13, C14</del> , C35, C36, C37
4		1000010-00	CAPACITOR 33 pF 100V MICA	1												C16
5		1000015-00	CAPACITOR 82 pF 100V MICA	1												C15
6		1013466-04	CAPACITOR 33 pF 50V CER AX	1												C8
7		1013466-05	CAPACITOR 56pF 50V CER AX	1												C5
8		1013466-07	CAPACITOR 220 pF 50V CER AX	5												C1, C2, C4, C17 C39
9		1013466-09	CAPACITOR 1000 pF 50V CER AX	2												C3, C18
10		1013466-11	CAPACITOR .22 uF 50V CER AX	2												C24, C27
11		1013963-00	CAPACITOR 3,300 pF 500V 85U	2												C6, C7
12		1011740-02	CAPACITOR 1800 pF 50V CER RAD	1												C19
13		1109943-00	DIODE 1N4733A	1												D16
14		1113953-00	DIODE 1N5523D	1												D1
15		1110994-00	DIODE 1N751A	2												, D19, D22
16		1111577-00	DIODE 1N4454	19												, D3, D4, D5, D6, D7, D8, D9, D10, D11, D12, D13, D14, D15, D17
17		1300271-00	RESISTOR 220Ω 1/4W 5% CC	1												D18, D20, D21, D23, D24
18		1300229-00	RESISTOR 100Ω 1/4W 5% CC	4												R5
19		1300232-00	RESISTOR 100Ω 1W 5% CC	2												R40, R52, R54, R59
20		1300247-00	RESISTOR 120Ω 1/4W 5% CC	1												R11, R12
21		1300365-00	RESISTOR 1K 1/4W 5% CC	8												R56
22		1300444-00	RESISTOR 3.9K 1/4W 5% CC	1												R13, R14, R35, R36, R48, R49, R61, R66
23		1300447-00	RESISTOR 4.7K 1/4W 5% CC	5												R46
24		1300479-00	RESISTOR 10K 1/4W 5% CC	1												R17, R19, R20, R22, R33
25		1301317-00	RESISTOR 10Ω 1/4W 5% CC	1												R31
26		1302412-00	RESISTOR 1.75K 1/4W 1% MF	2												R63
27		1300195-00	RESISTOR 33Ω 1/2W 5% CC	1												R50, R51
28		1301972-00	RESISTOR 270Ω 1/4W 5% CC	1												R6
																R62

E.C.O. NO. 0003  
 RELEASED AT REV'D EQUAL DI  
 5411844-0001  
 2B E  
 P. Burnell  
 G. REICHENBERG  
 5411844-0002  
 JB - F  
 P. Burnell  
 G. REICHENBERG  
 5411844-0003  
 M. ZARICH  
 5411844-0004  
 M. ZARICH  
 5411844-0005  
 M. ZARICH  
 5411844-0006  
 M. ZARICH

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SHEET 1 OF 3						INSERTION PARTS LIST DATA BASE REV							



DIGITAL EQUIPMENT CORPORATION

PARTS LIST

QUANTITY / VARIATION

NOTES:

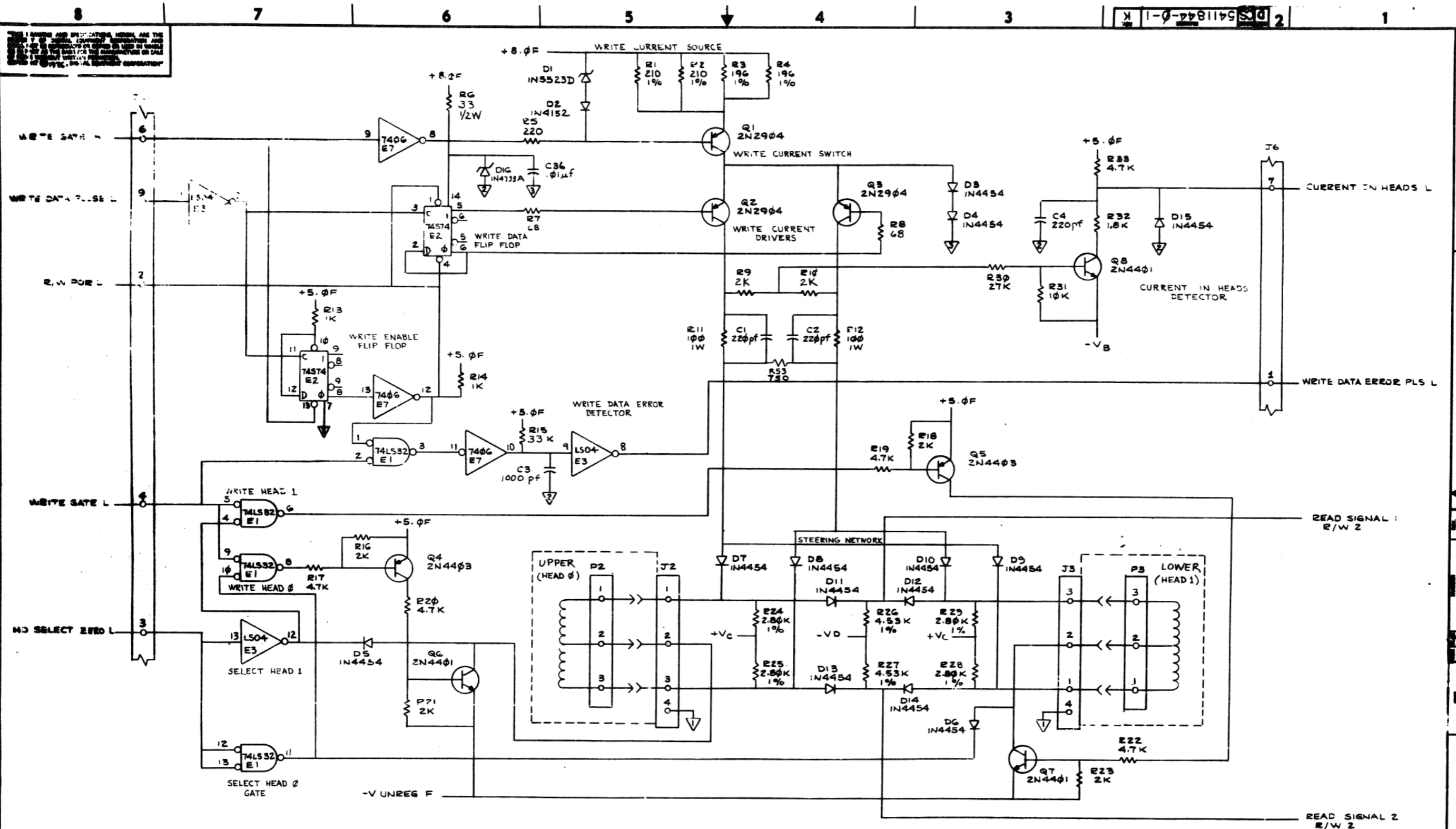
MADE BY <i>E. Burnell</i>	CHECKED <i>E. Burnell</i>	SECTION
DATE <i>8-9-76</i>	DATE <i>2-18-77</i>	
ENG	PROD	ISSUED SECTION
DATE <i>7/15/77</i>	DATE <i>Prof Kich 5/5/77</i>	

5411844-0-0

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	QUANTITY	VARIATION	REF DESIGNATION
57		1910741-00	IC, DEC, 7406	1		E7
58		1912816-00	IC, DEC, 74LS32	1		E1
59		1910268-01	IC, DEC, 75107B-01	1		E5
60		1910725-00	IC, DEC, 75108A	1		E6
61		1209941-06	CONNECTOR, 20 PIN BERG	1		J6
62		1209941-03	LATCH, CONNECTOR, RIGHT	1		J6
63		1209941-04	LATCH, CONNECTOR, LEFT	1		J6
64		1210385-01	PIN, HEAD CONNECTOR, GOLD	8		J2, J3
65		9007791-00	TERMINAL, TURRET	3		TP1, TP2, TP3
66		1300202-00	RESISTOR, 47Ω, 1/4W, 5%	1		R65
67		1303067-00	RESISTOR, 422Ω, 1/4W, 1%, MF	2		R42, R43
68		1300219-00	RESISTOR, 68Ω, 1/4W, 5%, CC	4		R47, R57, R7, R8
69						
70		1301423-00	RESISTOR, 6.8K, 1/4W, 5%, CC	2		R64, R67
71		1301401-00	RESISTOR, 750Ω, 1/4W, 5%, CC	1		R53
72		1114117-00	DIODE, 1N4152	1		D2
73		1013466-16	CAP .01 μF	2		C13, C14

ECO. NO.

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		SHEET 3 OF 3	INSERTION PARTS LIST DATA BASE REV		

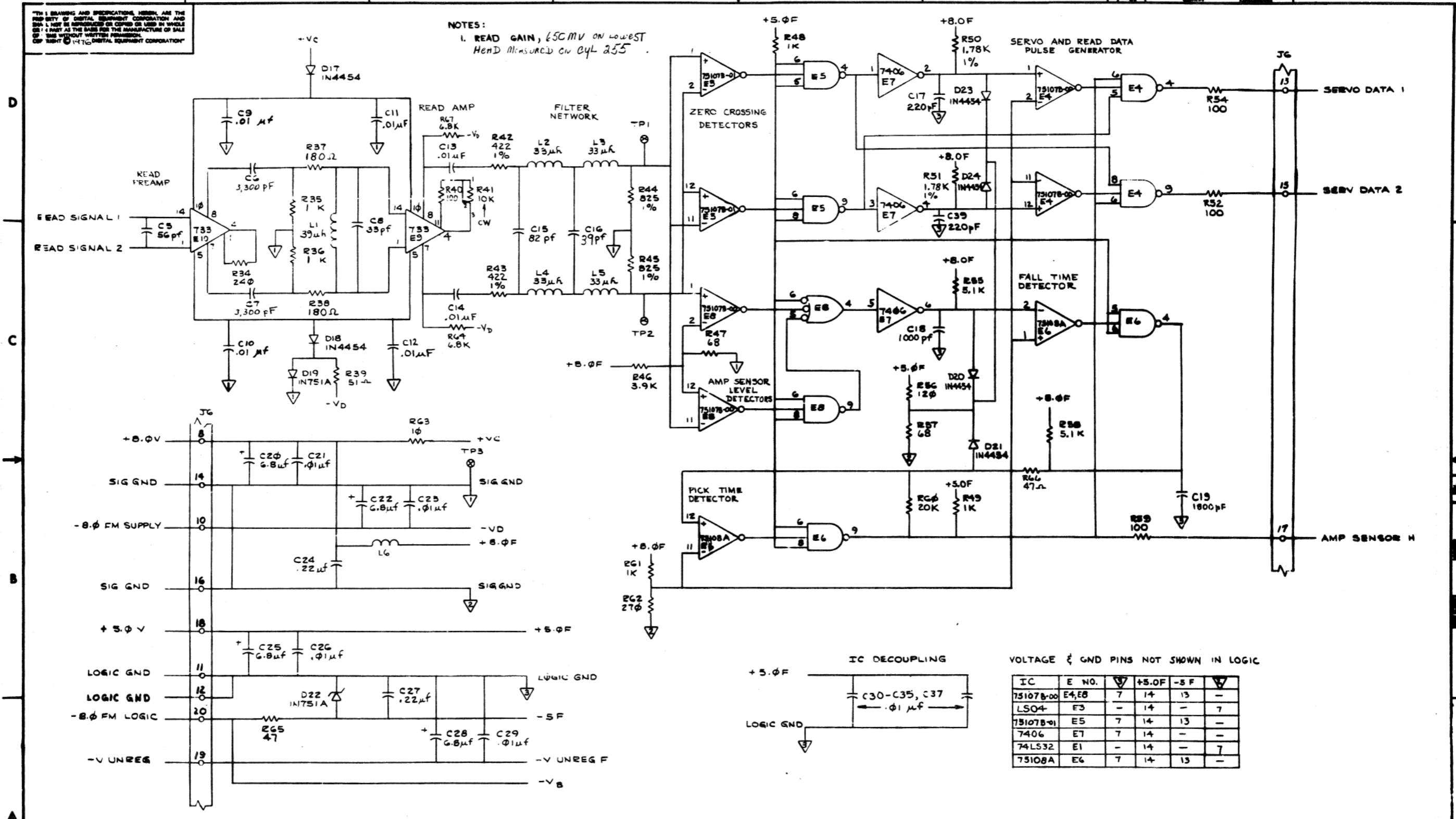


REV.	DATE	BY	CHK'D
1	5/1/77	W. ZARICH	M. ZARICH
2	5/1/77	M. ZARICH	M. ZARICH
3	5/1/77	M. ZARICH	M. ZARICH
4	5/1/77	M. ZARICH	M. ZARICH
5	5/1/77	M. ZARICH	M. ZARICH
6	5/1/77	M. ZARICH	M. ZARICH
7	5/1/77	M. ZARICH	M. ZARICH
8	5/1/77	M. ZARICH	M. ZARICH

DRWG. NO.	5411844-0-1	FIRST USED ON	5411844-0-1
CHK'D BY	M. ZARICH	DATE	5-1-77
ENG. NO.	5-5-77	TITLE	READ/WRITE BOARD
PROJ. ENG.	5/1/77	SCALE	1:1
PROD. NO.	5411844-0-1	SIZE	D
NEXT HIGHER ASSY.		NUMBER	1
D-VA-5411844-0-0	SIZE CODE	DIST.	1
SCALE	1:1	REV.	K
SHEET 1 OF 2			

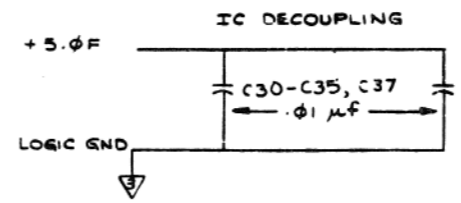
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NOTES:  
1. READ GAIN, 65CMV ON LOWEST HEAD MEASURED ON CYL 255



VOLTAGE & GND PINS NOT SHOWN IN LOGIC

IC	E NO.	+5.0F	-5F
75107B-00	E4, E8	7 14 13	-
LS04	E3	- 14	- 7
75107B-01	E5	7 14	13 -
7406	E7	7 14	- -
74LS32	E1	- 14	- 7
75108A	E6	7 14	13 -

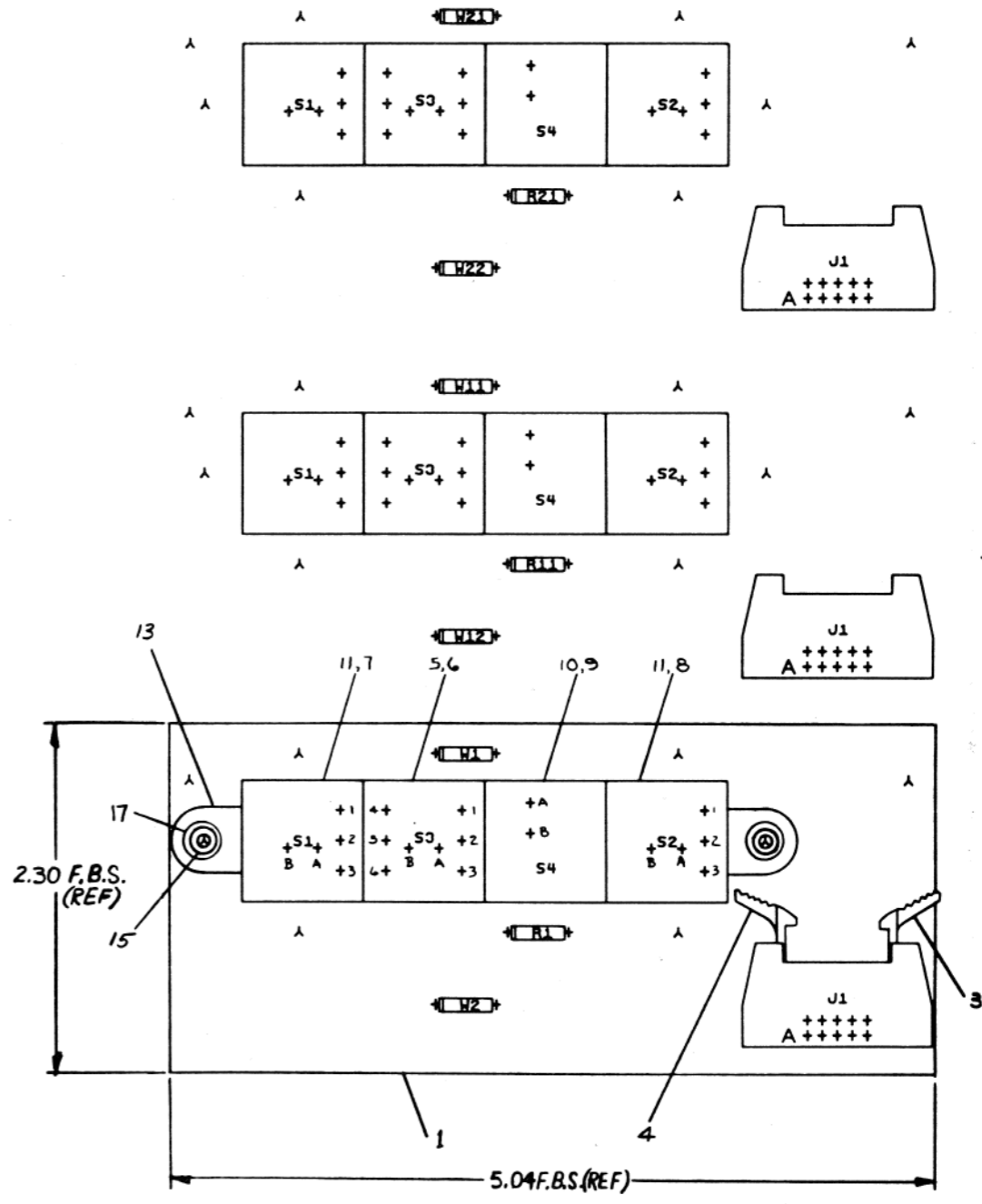


REV.	CHANGE NO.	REV.

21

D UA 5411846-0-0 F 2 1

COMPONENT SIDE VIEW



ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.  
 DIMENSIONS TO CENTER UNLESS OTHERWISE SPECIFIED.  
 DIMENSIONS TO SURFACE UNLESS OTHERWISE SPECIFIED.  
 DIMENSIONS TO CENTER UNLESS OTHERWISE SPECIFIED.  
 DIMENSIONS TO SURFACE UNLESS OTHERWISE SPECIFIED.

NOTES:  
 1. ALL MANUFACTURING INFORMATION, DATE CODE,  
 CIRCUIT SCHEMATIC, REV. QUALITY CONTROL STAMPS,  
 ETC. ARE TO BE STAMPED ON ETCH SIDE (SIDE 2) OF  
 MODULE.

CHANGE NO	REV	DATE	BY	CHK'D

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

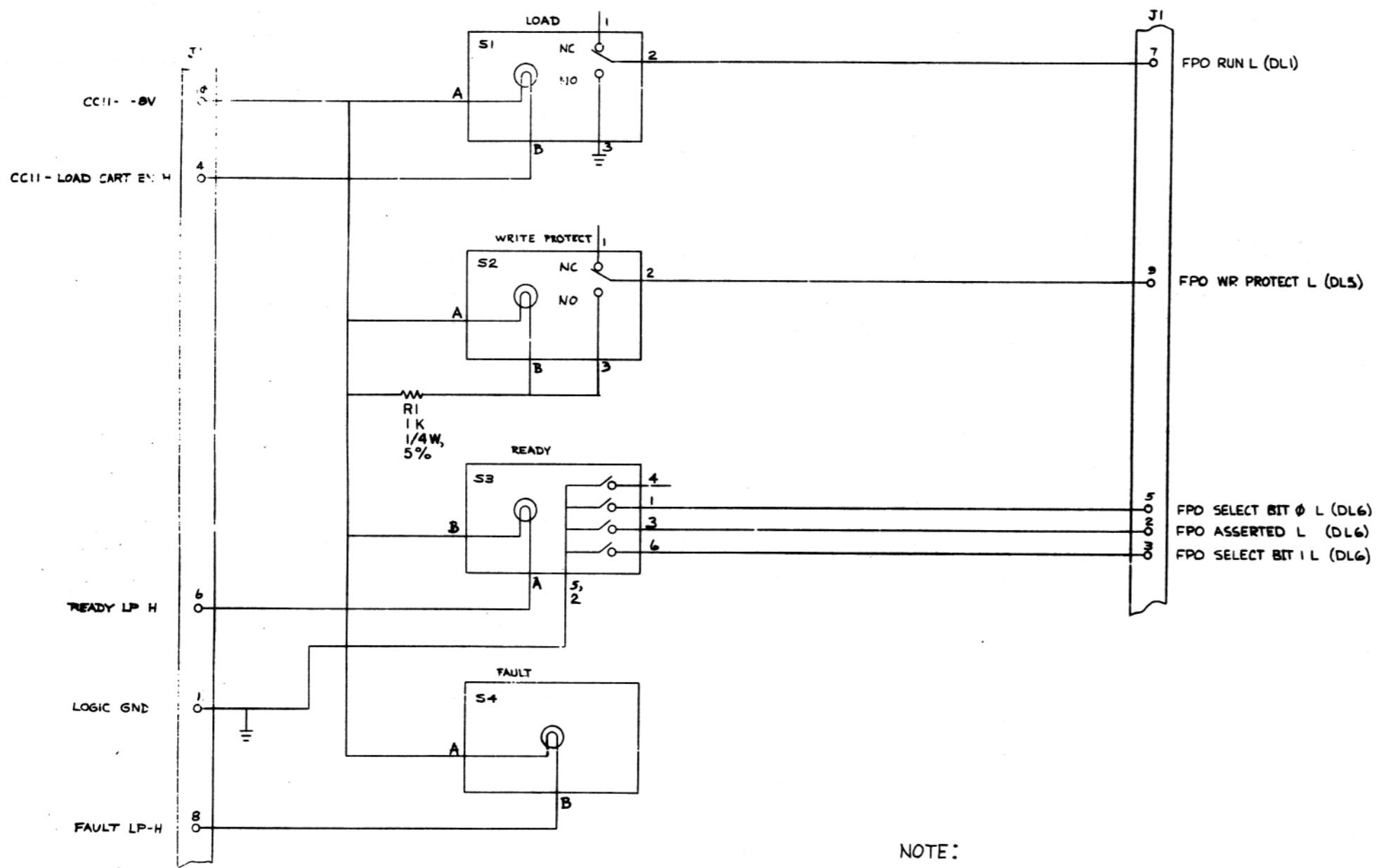
SIGNATURES	DATE	digital
DRN. MR. [Signature]	11/5/76	
CHK'D. [Signature]	1-11-77	TITLE
ENG. [Signature]	5-2-77	
PROJ. ENC. [Signature]	5/2/77	FRONT PANEL
SCALE 2/1	SIZE CODE	NUMBER
SHT. 1 OF 2	D UA 5411846-0-0 F	REV
NEXT HIGHER ASSY. B-DD-5411846-0		

D UA 5411846-0-0 F 2 1 MS#





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NOTE:  
1. ALL LAMPS ARE 6E-73 TYPE

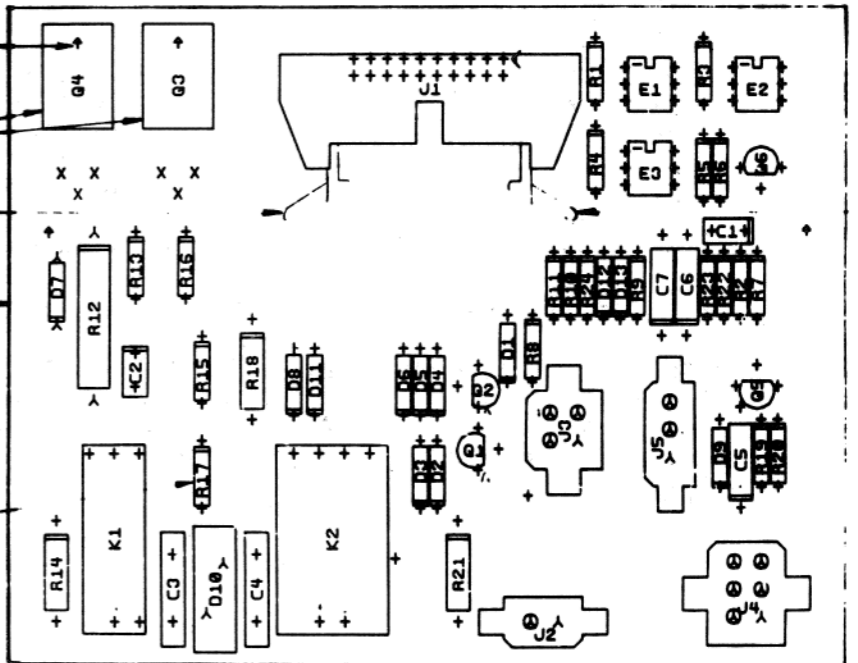
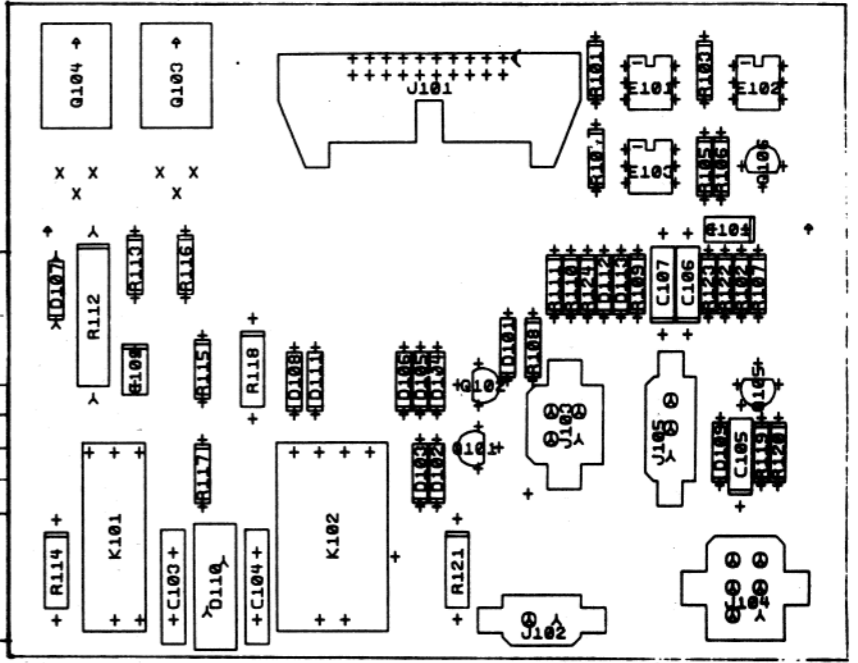
NO.	REV.	DATE	BY	CHK'D
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

DRN. <i>[Signature]</i>	FINISHED ON	40-00-01
CHK'D. <i>[Signature]</i>	DATE	1-11-77
ENG. <i>[Signature]</i>	TITLE	FRONT PANEL
PROJ. ENG. <i>[Signature]</i>	DATE	3-2-77
PROD. <i>[Signature]</i>	DATE	3-18-77
NEXT HIGHER ASBY.	DATE	3-2-77
SCALE	SIZE CODE	NUMBER
	D CS	5411846-0-1
SHEET	OF	DIST.
	1	

8 7 6 5 4 3 2 1

COMPONENT SIDE VIEW

ACTUAL REF DESIGNATOR	APPROXIMATE REF DESIGNATOR
C1, C2, C3, C4, C5, C6, C7	C12, C102, C103, C123, C105, C106, C107
D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11, D12, D13	D1, D102, D103, D104, D105, D106, D107, D108, D109, D110, D111, D112, D113
E1, E2, E3	E12, E102, E103
J1, J2, J3, J4, J5	J101, J102, J103
K1, K2, K3, K4, K5, K6	K101, K102, K103, K104, K105
R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22	R101, R102, R103, R104, R105, R106, R107, R108, R109, R110, R111, R112, R113, R114, R115, R116, R117, R118, R119, R120, R121, R122



SEE NOTE 3

NOTES:  
 1. 8 HOLES 0.045 (1.000-0.005) MINIMUM ONLY  
 2. APPROVAL REQUIRED  
 3. REWORK INSTRUCTIONS:  
 1. REMOVE R17 (330R 1/4W 5%)  
 2. INSTALL R17 (330R 1/2W 5%)

REV	DATE	BY	CHK'D	DESCRIPTION
1				
2				
3				
4				
5				
6				
7				
8				

ETCHED BY:	
PCB DESIGNER:	
DATE:	
BY:	
CHK'D:	
ENG.:	
PROJ. ENG.:	
PROD.:	
SCALE:	
SHT.:	1 OF 4
NEXT HIGHER ASSY.:	

SIGNATURES	DATE	TITLE
DRN.		digital
CHK'D.		
ENG.		
PROJ. ENG.		
PROD.		
SCALE		SIZE CODE NUMBER
SHT.	1 OF 4	0 NA 5411848-0
NEXT HIGHER ASSY.		REV F

8 7 6 5 4 3 2 1 MS#

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION 00	REFERENCE DESIGNATOR
1	D-MD-5011847-0-0	5011847-00	ETCH CRKT BRD	1	
2		1011683-00	.022 MFD 50V 10% 2C067 CER.	1	C1
3		1012312-01	.47 MFD 50V XZ	1	C2
4		1013682-00	.1 MFD 500V +80 -20% CER.	2	C3,C4
5		1001776-00	1 MFD 35V 10% S.TANT	2	C5,C7
6		1110856-00	1N 970B VZ= 24.0 5% .40W Y	1	D1
7		1111577-00	1N 4454 TR= 4NS PIV= 50 S	10	D2-D6,DB,D9,D11-D13
8		1105796-00	1N 4004 PIV=400 I= 1A D041 SP	1	D7
9		1510727-01	OPTO COUPLED ISOLATOR	3	E1-E3
10		1213917-00	RLY,REED 5V COIL,DPDT	1	K2
11		1213915-00	RLY,REED, 5V COIL,SPDT	1	K1
12		1110997-00	VP 130A10 VOLT. SUPPRESS.130VAC	1	D10
13		1209941-06	HEADER.100 20POS RT ANGLE	1	J1
14		1213922-00	HEADER 2POS	1	J2
15		1213922-01	HEADER 3POS	1	J5
16		1213922-03	HEADER 4POS	1	J3
17		1213922-04	HEADER 6POS	1	J4
18		1300315-00	470 1/2W 5% CC	2	R14,R21
19		1300271-00	220 1/4W 5% CC	3	R1,R3,R4
20		1311220-00	5.1 1/2W 5% CC	1	R18
21		1301327-00	68 K 1/4W 5% CC	1	R6
22		1302466-00	100 K 1/4W 5% CC	2	R5,R8
23		1300444-00	3.9 K 1/4W 5% CC	1	R20
24		1314516-00	200 K 1/4W 5% CC	2	R7,R23
25		1300496-00	15 K 1/4W 5% CC	1	R10
26		1300479-00	10 K 1/4W 5% CC	2	R11,R24
27		1300482-00	10 K 2W 10% CC	1	R12
28		1312927-00	16 1/4W 5% CC	2	R15,R16
29		1314649-00	430 K 1/4W 5% CC	1	R22

REVISION HISTORY		BASIC PART NO: 5411848		DRN:	H. RICHER	DATE:	23 MAR 76	DIGITAL			
ENG	ECO NUMBER	REV	SECTION A OF A	CHK'D:	P. BURNELL	DATE:	10 JAN 77	TITLE PARTS LIST			
	INITIAL	E	SECTION.VARIATION INDEX					AC SERVO			
MZ	5411848-CZ003	F	[A] 00	DES.ENG:	P. BADUM	DATE:	7 JUN 77				
			[B]					DOCUMENT NUMBER			
			[C]	RESP.ENG.:	P. BADUM	DATE:	7 JUN 77	SIZE	CODE	NUMBER	REV
			[D]								
			[E]	MFG.ENG.:	D. LESAGE	DATE:	7 JUN 77	K	PL	5411848-0-DBP	F
			[F]	ASSEMBLY NUMBER:						FILE NAME:	EDIT #
			[G]	D-UA-5411848-0-0						Z0491.PLS	3
			[H]								
			[I]								
			[J]								
			[K]								
			[L]								
			[M]								
			[N]								

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AUTOMATED BY PRTLST.3K(27)

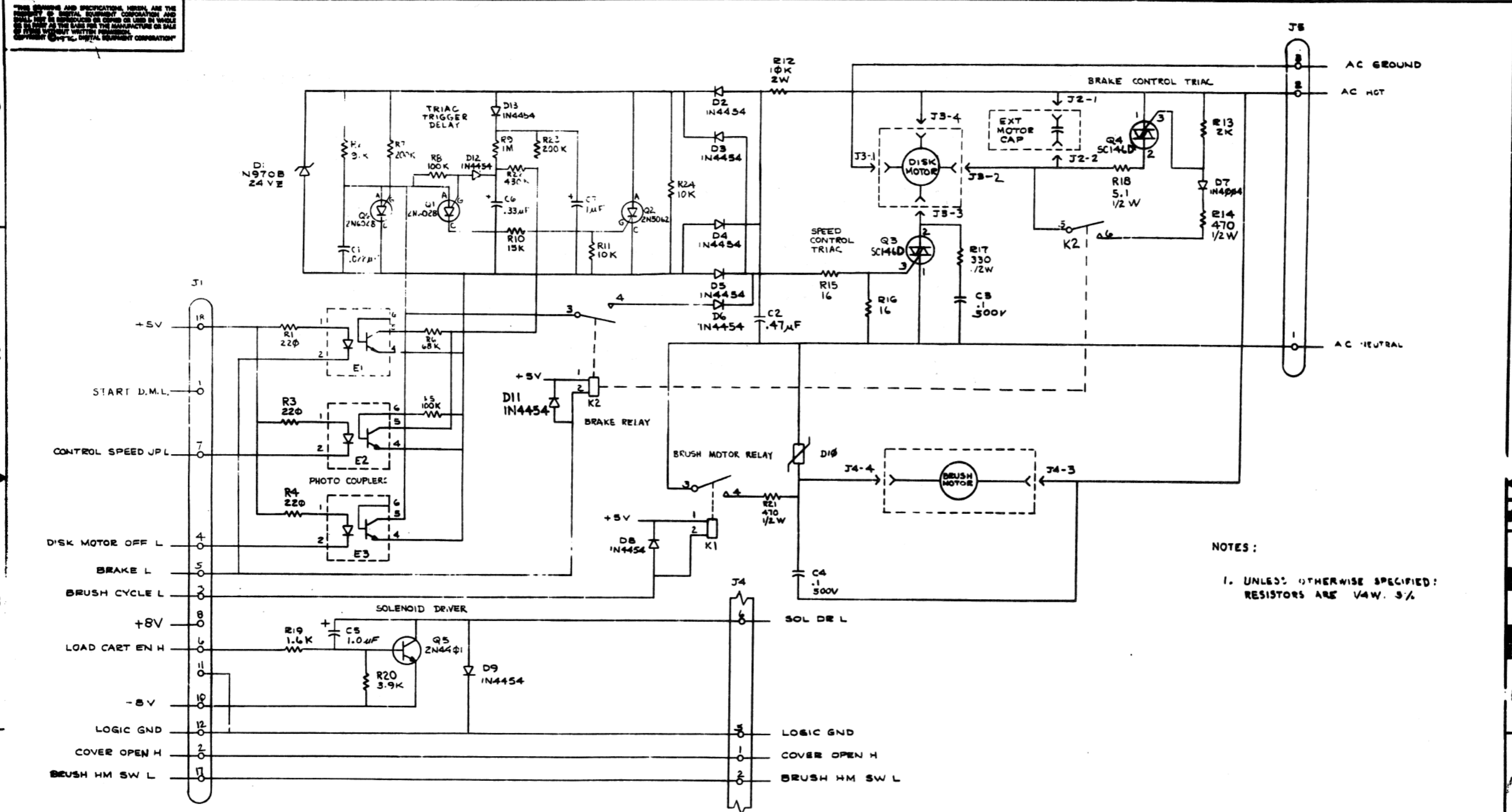
PARTS LIST

SHEET A2 OF A2

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION 00	REFERENCE DESIGNATOR
30	30	1300296-00	330 1/2W 5% CC	1	R17
31	31	1302388-00	2 K 1/4W 5% CC	1	R13
32	32	1309595-00	1 M 1/4W 5% CC	1	R9
33	33	1303176-00	1.6 K 1/4W 5%	1	R19
34	34	1209941-03	HEADER RT ANGLE LEFT L	1	J1
35	35	1209941-04	HEADER RT ANGLE,RIGHT	1	J1
36	36	1510877-00	2N 602B UJT 300MW R67B	2	Q1,Q6
37	37	1110968-00	2N 5062 SCR@100V I=.8A T092	1	Q2
38	38	1510070-00	TRIAC@400V,I> 8A #RCA40669 M	2	Q3,Q4
39	39	1513489-00	2N 4401 NPN 350MW SI 40 20	1	Q5
40	40	9006557-00	NUT,KEP , 4-40X 1/4 AF	2	Q3,Q4
41	41	9006010-01	SCREW,PAN ,PHIL, 4-40X 5/16	2	Q3,Q4
42	42	9006655-00	WASHER, FLAT, .312 O.D. X .125 I	2	Q3,Q4
43	43		*** THIS ITEM IS NOT USED ***	-	
44	44	1000002-04	.33 MFD 35V 10% .150D S.TA	1	C6
45	45	1314650-00	91 K 1/4W 5% CC	1	R2

D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							AC SERVO		K	PL	5411848-0-DBP	F

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NOTES:  
1. UNLESS OTHERWISE SPECIFIED:  
RESISTORS ARE 1/4W. 5%

REV.	DATE	BY	CHK'D
1	11-1-70	PHYLIS BURNELL	PHYLIS BURNELL
2	11-1-70	PHYLIS BURNELL	PHYLIS BURNELL
3	11-1-70	PHYLIS BURNELL	PHYLIS BURNELL
4	11-1-70	PHYLIS BURNELL	PHYLIS BURNELL
5	11-1-70	PHYLIS BURNELL	PHYLIS BURNELL
6	11-1-70	PHYLIS BURNELL	PHYLIS BURNELL
7	11-1-70	PHYLIS BURNELL	PHYLIS BURNELL

DRN	REV	DATE	BY	CHK'D	DATE	BY	REV
CS 5411848-0-1	1	11-1-70	PHYLIS BURNELL	PHYLIS BURNELL	11-1-70	PHYLIS BURNELL	1
TITLE				AC SERVO			
D-USA-5411848-0-0				SIZE CODE			
SCALE				D			
SHEET 1 OF 1				REV. F			



DIGITAL EQUIPMENT CORPORATION

PARTS LIST

QUANTITY / VARIATION

NOTES:

MADE BY SCOTT STEVENS  
 DATE 10 Jun 76  
 ENG *[Signature]*  
 DATE 6/7/77

CHECKED *E. Y. Bunnell*  
 DATE 2-9-77  
 PROD *D. A. Sage*  
 DATE 10-7-77

SECTION  
 ISSUED SECTION

1. R60 + R61 not included on PL.  
 Value will be determined in testing.

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	5411850-0-0	REF DESIGNATION
1	D-MD-5011849-0-0	5011849	ETCHED BOARD	1	
2		1013466-08	CAPACITOR, 680 pF, 10%, 50V, Cer.Ax.	1	C12
3		1002423-00	CAPACITOR, 3,300 pF, 10%, 50V, Mica	1	C7
4		1001610-00	CAPACITOR, .01 uF, 10%, 50V, Cer.	4	C1, C9, C10, C15
5		1002630-00	CAPACITOR, .015 uF, 10%, 100V, Mylar	1	C8
6		1013466-11	CAPACITOR, .22 uF, 50V, Cer. Ax.	3	C3, C5, C11
7		1005306-00	CAPACITOR, 6.8 uF, 35V, Tant	4	C4, C6, C13, C14
8		1000076-00	CAPACITOR, 39 uF, 10V, Tant	1	C2
9		1309422-00	RESISTOR, 5.1 OHM, 1/4 W 5% CC	1	R58
10		1312929-00	RESISTOR, 62 OHM, 1/4 W 5% CC	2	R3, R23
11		1311523-00	RESISTOR, 110 OHM, 1/4 W 5% CC	1	R22
12		1300247-00	RESISTOR, 120 OHM, 1/4 W 5% CC	1	R13
13		1300271-00	RESISTOR, 220 OHM, 1/4 W 5% CC	1	R59
14		1301425-00	RESISTOR, 300 OHM, 1/4 W 5% CC	1	R55
15		1303178-00	RESISTOR, 620 OHM, 1/4 W 5% CC	1	R6
16		1300365-00	RESISTOR, 1K, 1/4 W 5% CC	5	R1, R7, R44, R57, R39
17		1300391-00	RESISTOR, 1.5K, 1/4 W 5% CC	1	R5
18		1302388-00	RESISTOR, 2K, 1/4 W 5% CC	1	R43
19		1300426-00	RESISTOR, 2.7K, 1/4 W 5% CC	2	R46, R47
20					
21		1302389-00	RESISTOR, 4.3K, 1/4 W 5% CC	1	R53
22		1300447-00	RESISTOR, 4.7K, 1/4 W 5% CC	9	R10, R11, R12, R14, R15, R19, R20, R24, R49
23		1303179-00	RESISTOR, 8.2K, 1/4 W 5% CC	3	R9, R16, R17
24		1300488-00	RESISTOR, 12K, 1/4 W 5% CC	5	R25, R26, R31, R45, R56
25		1305346-00	RESISTOR, 27K, 1/4 W 5% CC	1	R21
26		1300539-00	RESISTOR, 120K, 1/4 W 5% CC	1	R35
27		1312923-00	RESISTOR, 2.10K, 1/4 W 1% MF	1	R41
28		1305114-00	RESISTOR, 3.48K, 1/4 W 1% MF	1	R34

E.C.O. NO. PCO 251  
 - B1 -  
 RELEASED AT B EQUAL B1  
 P0001 C  
 P. Bunnell  
 S. Reichenberg  
 10/2/77  
 10/2/77

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TITLE: DC SERVO AND POWER BOARD

ASSY. NO.: D-UA-5411850-0-0

SIZE: B CODE: PL NUMBER: 5411850-0-0 REV.: D

SHEET 1 OF 3

INSERTION PARTS LIST DATA BASE REV



DIGITAL EQUIPMENT CORPORATION

PARTS LIST

QUANTITY / VARIATION

NOTES:

MADE BY SCOTT STEVENS	CHECKED <i>y Bunnell</i>	SECTION
DATE 10 Jun 77	DATE 2-9-77	
ENG <i>J.R.</i>	PROD <i>D</i>	ISSUED SECTION
DATE 6/7/77	DATE 6-7-77	

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	QUANTITY / VARIATION										REF DESIGNATION	
				5411850-0-0											
29		1314763-00	RESISTOR, 4.12K, 1/4 W 1% MF	1											R36
30		1303312-00	RESISTOR, 10.0K, 1/4 W 1% MF	3											R28, R29, R62
31		1312924-00	RESISTOR, 10.7K, 1/4 W 1% MF	1											R32
32		1309412-00	RESISTOR, 18.2K, 1/4 W 1% MF	1											R33
33		1311594-00	RESISTOR, 30.1K, 1/4 W 1% MF	1											R54
34		1313843-00	RESISTOR, 107K, 1/4 W 1% MF	1											R27
35		1313844-00	RESISTOR, 221K, 1/4 W 1% MF	1											R38
36		1302378-00	RESISTOR, 51 OHM, 1/2 W 5% CC	1											R51
37		1300364-00	RESISTOR, 1K, 1/2 W 5% CC	2											R18, R48
38		1314068-00	RESISTOR, 360 OHM, 1 W 5% CC	1											R4
39		1300368-00	RESISTOR, 1K, 1 W 5% CC	1											R8
40		1301494-00	RESISTOR, 200 OHM, 2 W 5% CC	1											R50
41		1313358-00	RESISTOR, .2 OHM, 5 W 3% CC	2											R2, R52
42		1105796-00	DIODE, 1N4004, (D041)	3											D1, D2, D5
43		1113953-00	DIODE, 1N5523D, (D07)	8											D4, D6, D8, D9, D18, D16, D21, D22
44		1109990-00	DIODE, 1N757A, (D07)	2											D23, D24
45		1110994-00	DIODE, 1N751A, (D07)	1											D14
46		1114117-00	DIODE, 1N4152, (D035)	6											D3, D7, D10, D11, D12, D13
47		1111577-00	DIODE, 1N4454, (D035)	5											D15, D17, D20, D25, D26
48		1513698-00	TRIAC, SC146B	1											D19
49		9009597-00	INSULATING WASHER, TRIAC	1											(D19)
50		1513489-00	TRANSISTOR, 2N4401, (T092)	4											Q2, Q4, Q8, Q9
51		1513490-00	TRANSISTOR, 2N4403, (T092)	5											Q1, Q3, Q5, Q6, Q7
52		1511282-00	TRANSISTOR, MJ2500, (T03)	2											E1, E8
53		1511349-00	TRANSISTOR, MJ3000, (T03)	1											E5
54		1911706-00	FET ANALOG SWITCH, IH5012, (16 PIN)	1											E6
55		1912818-00	IC, DEC, 74LS38, (14 PIN)	1											E4
56		1912107- 01	OP AMP, LM324 AN (14 PIN)	1											E7

E.C.O. NO.											
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		SHEET 2 OF 3	INSERTION PARTS LIST DATA BASE REV			

31

DIGITAL EQUIPMENT CORPORATION

PARTS LIST

QUANTITY / VARIATION

NOTES:

MADE BY SCOTT STEVENS	CHECKED <i>C. Y. Burnell</i>	SECTION
DATE 10 Jun 76	DATE 2-9-77	
ENG <i>J. B. [Signature]</i>	PROD	ISSUED SECTION
DATE 6/7/77	DATE <i>D. [Signature] 6-7-77</i>	

5411850-0-0

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	QUANTITY	VARIATION	REF DESIGNATION
57		1913695-00	IC, MC7808CK, (T03)	1		E2
58		1913694-00	IC, MC7908CK, (T03)	1		E3
59		9008419-00	INSULATING WASHER, T03	5		(E1, E2, E3, E5, E8)
60		7418595-00	HEATSINK	1		
61						
62		9008033-01	SCREW, PAN. HD. #4-40, 9/16"	11		(E1, E2, E3, E5, E8, D19)
63		9006557-00	KEPNUT, #4-40	11		(E1, E2, E3, E5, E8, D19)
64		9006655-00	FLAT WASHER, #4	11		(E1, E2, E3, E5, E8, D19)
65		9008268-00	THERMAL COMPOUND	AR		(E1, E2, E3, E5, E8, D19)
66		1210824-00	SWITCH, THERMAL	1		S1
67		9008185-00	KEPNUT, #6-32	1		(S1)
68		9006653-00	FLAT WASHER, #6	1		(S1)
69		1205747-00	FUSE, PICO, 5 AMP	1		F1
70		9006735-00	SPLIT LUG	8		(F1, R40, R62, R63)
71		9007791-00	TERMINAL TURRET, SOLDER	12		TP0 THRU TP11
72		1213922-01	CONNECTOR, AMP, 3 PIN, BLK/TIN	1		J1
73		1213922-04	CONNECTOR, AMP, 6 PIN, BLK/TIN	1		J2
74		1213900-00	CONNECTOR, BURNDY, 6 PIN, BLK/GOLD	1		J3
75		1209941-06	CONNECTOR, BERG, 20 PIN	1		J4
76		1209941-03	LATCH, RIGHT	1		(J4)
77		1209941-04	LATCH, LEFT	1		(J4)
78		1305324-00	RESISTOR, 4.9K, 1/4 W 1% mf	2		R37, R30
79		1300250-00	RESISTOR, 150 OHM, 1/4 W 5% CC	1		R42
80		9105740-55	WIRE 30 AWG	AR		
81		1312618-00	RESISTOR, 16.9K, 1/4W, 1%	1		R40
82		1300229-00	RESISTOR, 100Ω, 1/4W, 5%	1		R63

E.C.O. NO.

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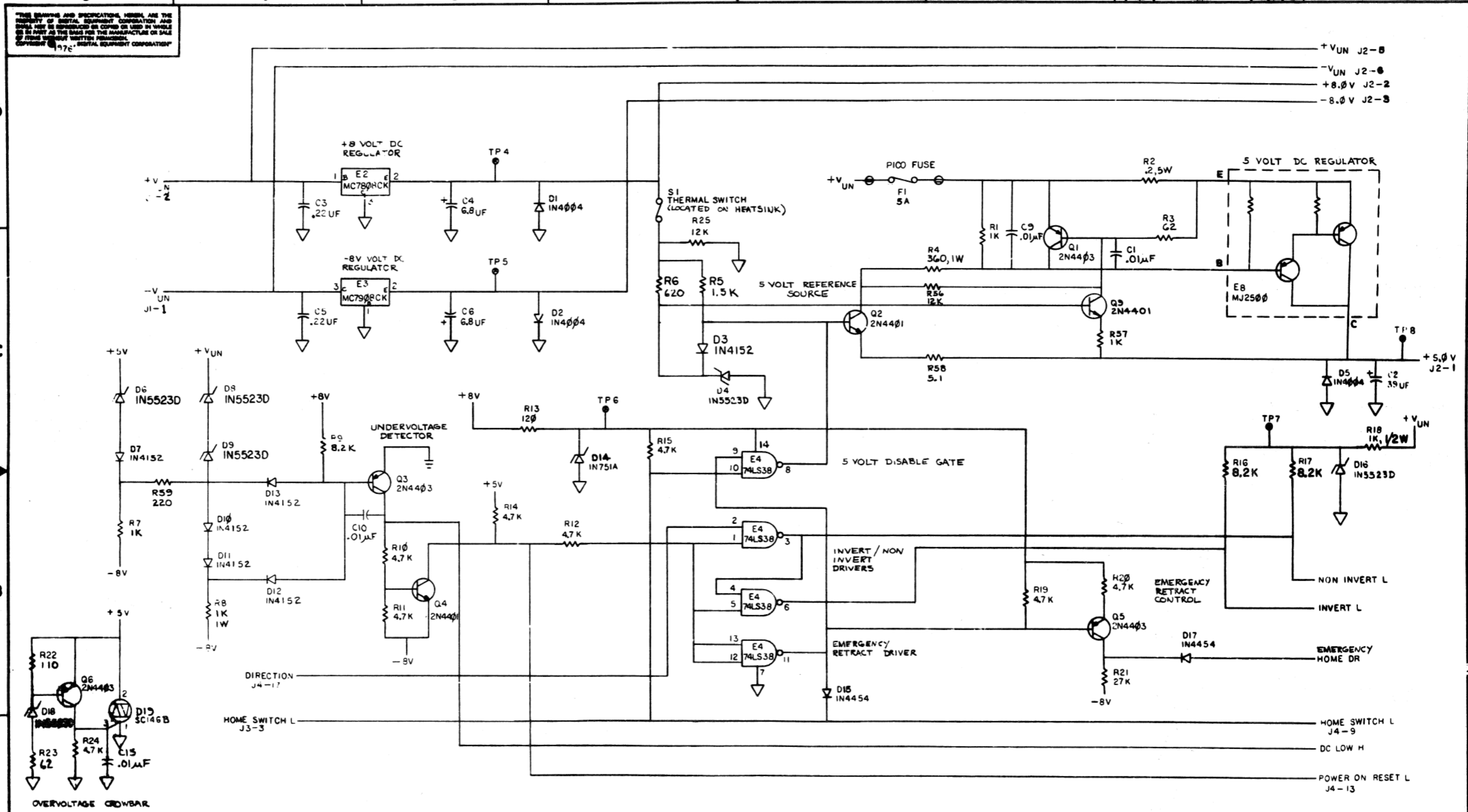
TITLE  
DC SERVO AND POWER BOARD

ASSY NO.  
D-UA-5411850-0-0  
SHEET 3 OF 3

SIZE B CODE PL NUMBER 5411850-0-0  
REVISION D

INSERTION PARTS LIST DATA BASE REV

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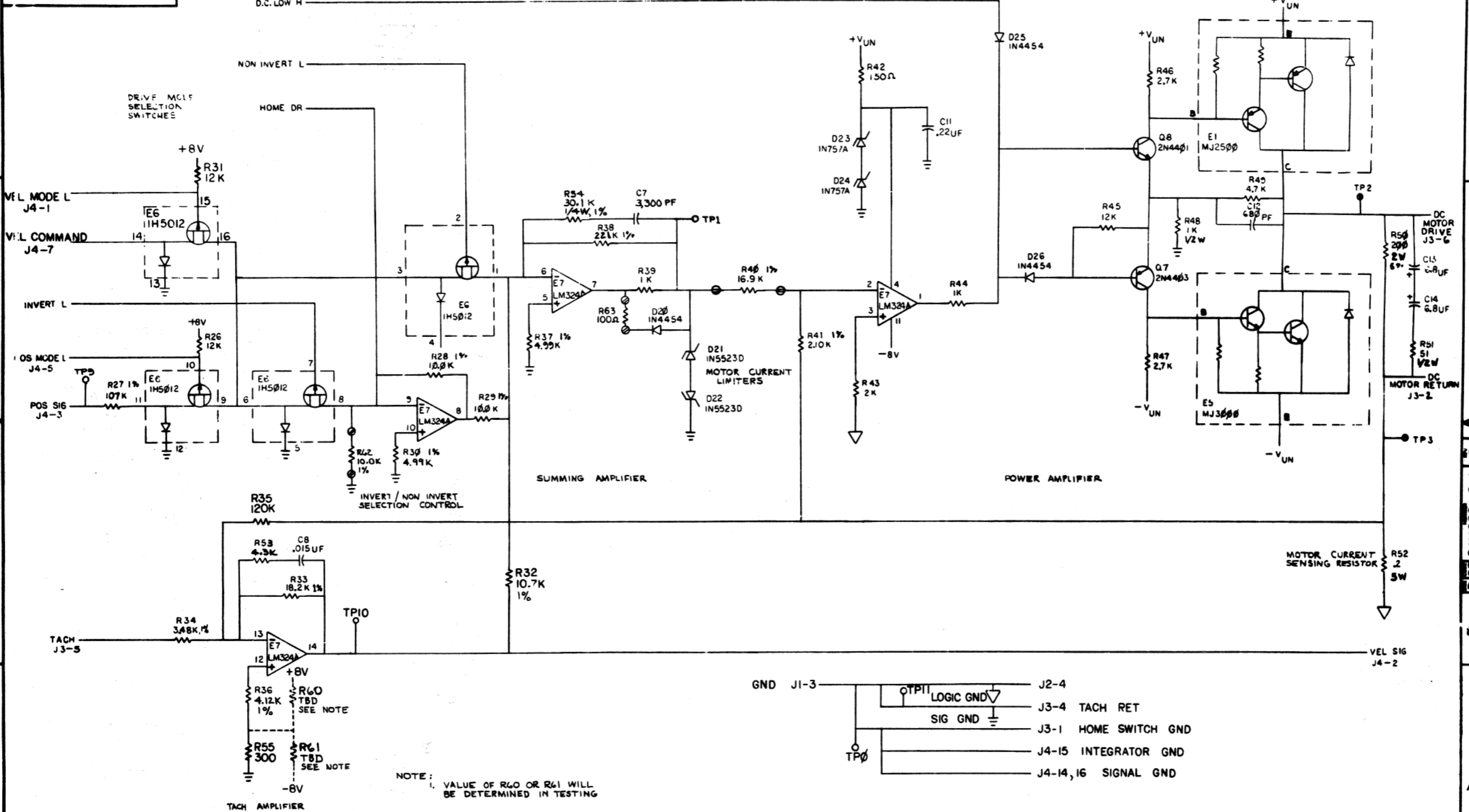


NOTES:  
1. ALL RESISTORS TO BE 1/4W 5% UNLESS OTHERWISE SPECIFIED

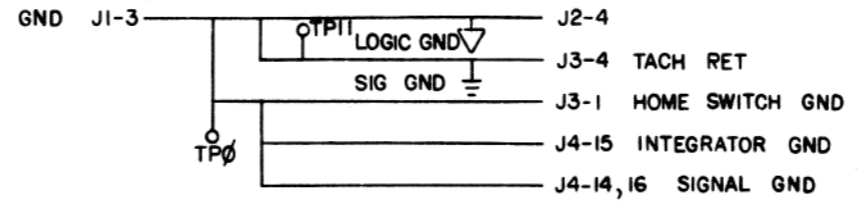
REV.	DATE	BY	CHK'D	DESCRIPTION
1				REVISED AT
2				REVISED AT
3				REVISED AT
4				REVISED AT
5				REVISED AT
6				REVISED AT
7				REVISED AT
8				REVISED AT

DRN. E. DEW	26 FEB 76	FIRST USED ON	20-0000
CHK'D R. BROWN	2-1-77	TITLE	DC SERVO AND POWER BOARD
ENGR. J. HAN	6-7-77	SIZE	D
PROD. J. HAN		CODE	CS 5411850-0-1
NEXT HIGHER ASSY.		NUMBER	
D-1A-5411850-0-0		REV.	E
SCALE	1 OF 2	DIST.	

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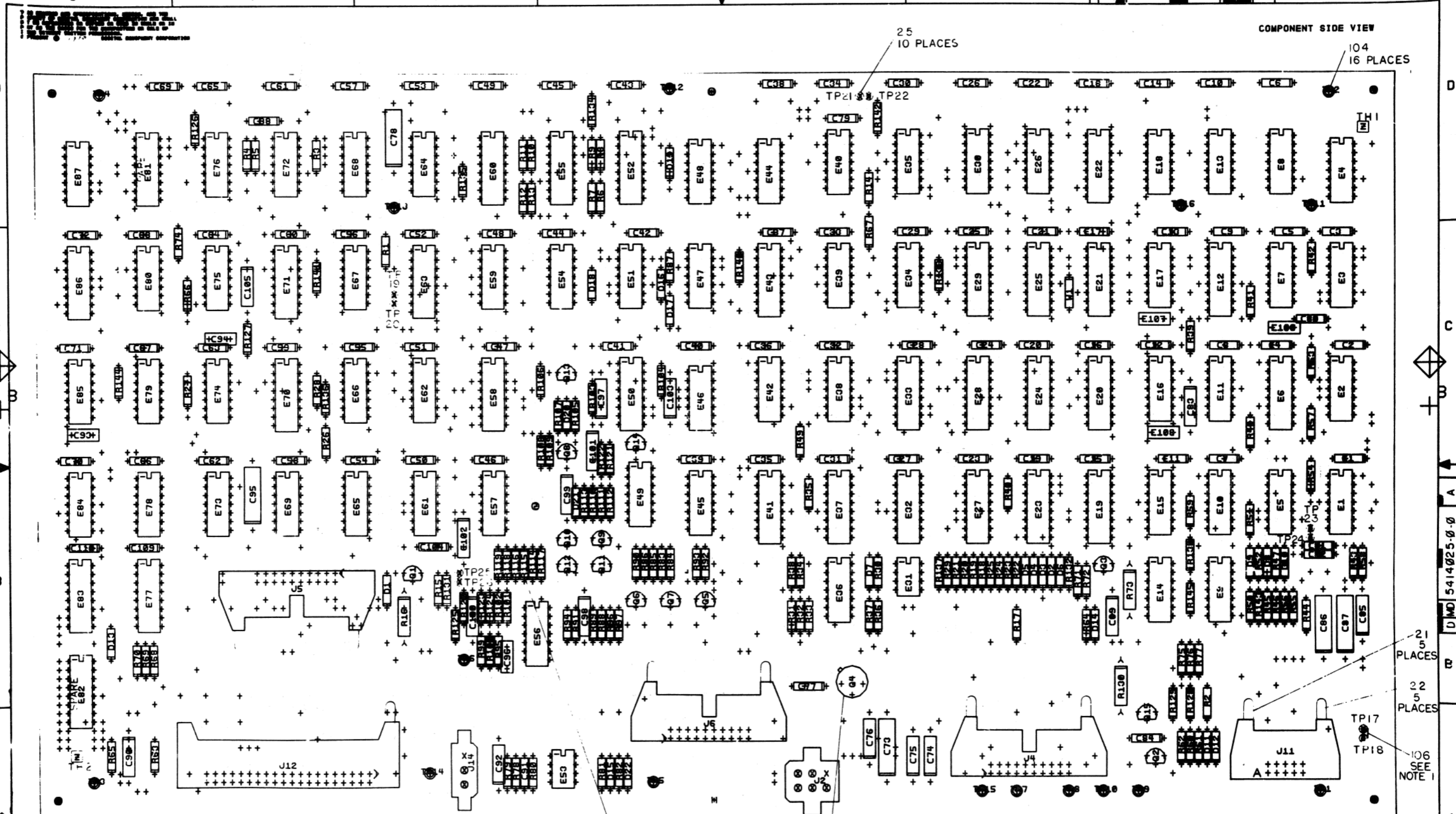


NOTE: VALUE OF R60 OR R61 WILL BE DETERMINED IN TESTING



REV.	CHANGE NO.	REV.

TITLE	DC SERVO AND POWER SUPPLY	DESIGN CODE	DCS 5411850-0-1	REV.	E
SCALE	1:1	SHEET	2 OF 2	DIST.	



NOTES:  
 1. S.A. ITEM CHECKED TEST  
 BEFORE SHIPPING ONLY.  
 2. VALUE OF ITEM 2 TO BE DETERMINED  
 AT NEXT HOLE-EP ASSEMBLY.

CHK/CHANGE NO	REV

SEE NOTE 2

ETCH REV. B  
 P.C. DESIGN DATA BRASS REV. BL

SIGNATURES	DATE	digital	TITLE
DRN. [Signature]	9/1/79		
CHK'D. [Signature]	9/27/79		
ENG. [Signature]	5/29/79	SIZE	CODE
PROD. [Signature]	5/29/79	NUMBER	REV
SCALE 2/1		0 UA	5414025-0-0 A
SHT. 1 OF 3			
NEXT HIGHER ASSY: B-00-5414025-0			

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY	PER VARIATION	REFERENCE DESIGNATOR
					00		
1	1	D-MD-5014024-0-0	5014024-00	DRILL AND ETCH BRD	1		
2	2	EWS		RESISTOR,FINAL TEST, 1/4W, 1%	4		R115,R116,R118,R119
3	3		1000023-00	330.0 MMF 100V 5%200PPM DM158	4		C93,C106-C108
4	4		1000024-00	470.0 MMF 100V 5%200PPM DM158	1		C94
5	5		1000064-00	3.9MFD 10V 10% 150D S.TA	2		C76,C85
6	6		1000076-00	39 MFD 10V 10% 150D S.TA	4		C73,C78,C86,C95
7	7		1001610-00	.01 MFD 50V -20+80 Z5U AXIAL	74		C1-C6,C8-C39,C40-C45,C47-C49, C51-C53,C55-C68,C70,C71,C77, C79-C82,C84,C88,C104
8	8		1001776-00	1 MFD 35V 10% S.TANT	4	CONT	C74,C75,C92,C97
9	9		1004812-00	15 MFD 20V 10% S.TANT	1	CONT	C87
10	10		1005784-00	.01 MFD 100V 10% 663VW MYLR	1		C101
11	11		1010978-32	.047 MFD 50V 10% 2C067CER.	1		C96
12	12		1013466-07	220.0 MMF 50V 5% CER.	1		C91
13	13		1013466-08	680.0 MMF 50V 10% CER.	2		C89,C90
14	14		1013466-09	1000.0 MMF 50V 10% CER.	1		C83
15	15		1013466-10	3300.0 MMF 50V 5% CER.	4		C98,C100,C103,C105
16	16		1013466-11	.22 MFD 50V +80/-20% CER.	2		C99,C102
17	17		1111577-00	1N 4454 TR= 4NS PIV= 50 S	16		D1,D7-U20,D22
18	18		1113953-00	1N 5523D VZ= 5.1 1%	1		D21
19	19		1114117-00	1N 4152 PIV=450 I=75M	5		D2-D6
20	20		1209941-02	HEADER 100 40POS RT ANGLE	1		J12
21	21		1209941-03	HEADER RT ANGLE LEFT L	5		
22	22		1209941-04	HEADER RT ANGLE,RIGHT	5		
23	23		1209941-05	HEADER.100 10POS RT ANGLE	1		J11
24	24		1209941-06	HEADER.100 20POS RT ANGLE	3		J4-J6
25	25		1210385-01	PIN 1POS WIRE WRAP	10		TP17-TP26
26	26		1213922-02	HEADER 3POS	1		J14
27	27		1213922-04	HEADER 6POS	1		J2
28	28		1300229-00	100 1/4W 5% CC	5		R48,R133-R136

REVISION HISTORY		BASIC PART NO: 5414025		DRN:	ART SIMM	DATE:	18-APR-79	D I G I T A L			
ENG	ECO NUMBER	REV	SECTION A OF A	CHK'D:	P. KENDRICK <td>DATE:</td> <td>18-APR-79</td> <td colspan="4">TITLE PARTS LIST</td>	DATE:	18-APR-79	TITLE PARTS LIST			
	INITIAL	A	SECTION VARIATION INDEX					DRIVE LOGIC			
			[A] 00	DES.ENG:	MIKE BROWN <td>DATE:</td> <td>18-APR-79</td> <td colspan="4">DOCUMENT NUMBER</td>	DATE:	18-APR-79	DOCUMENT NUMBER			
			[B]	RESP.ENG.:	MIKE BROWN <td>DATE:</td> <td>18-APR-79</td> <td>SIZE</td> <td>CODE</td> <td>NUMBER</td> <td>REV</td>	DATE:	18-APR-79	SIZE	CODE	NUMBER	REV
			[C]	MFG.ENG.:	D. LICK <td>DATE:</td> <td>18-APR-79</td> <td>K</td> <td>PL</td> <td>5414025-0-DBP</td> <td>A</td>	DATE:	18-APR-79	K	PL	5414025-0-DBP	A
			[D]	ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME:		EDIT #	
			[E]	D-UA-5414025-0-0		#RL02		Z0496A.PLS		16	
			[F]	*THIS DRAWING AND SPECIFICATIONS HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT (C) 1979. DIGITAL EQUIPMENT CORPORATION *							

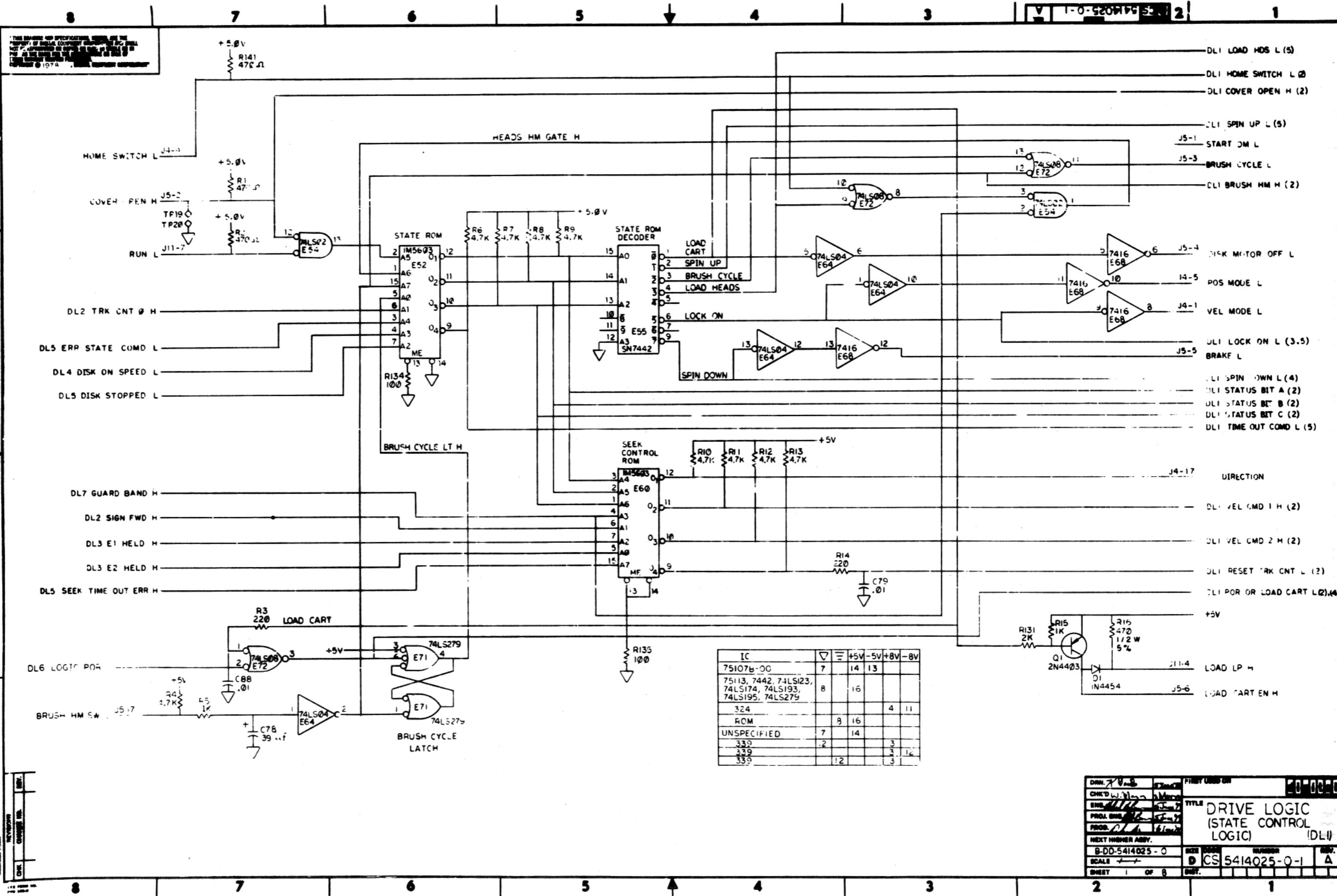
LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY	PER VARIATION	REFERENCE DESIGNATOR
29	29		1300271-00	220 1/4W 5% CC	4		R3,R14,R41,R143
30	30		1300315-00	470 1/2W 5% CC	3		R16,R73,R130
31	31		1300316-00	470 1/4W 5% CC	5		R1,R2,R79,R141,R142
32	32		1300365-00	1 K 1/4W 5% CC	16		R5,R15,R39,R40,R42,R47,R52,R54, R56,R61,R72,R74,R101,R106,R129, CONT R140
33	33		1300411-00	2 K 1/4W 1% 100PPM	1		R144
34	34		1300439-00	3.3 K 1/4W 5% CC	3		R93,R124,R126
35	35		1300447-00	4.7 K 1/4W 5% CC	36		R4,R6-R13,R26-R28,R34,R35,R38, CONT R43,R44,R49,R53,R57,R58,R62, CONT R75-R78,R80,R82,R92,R102,R105, CONT R123,R125,R127,R138,R145
36	36		1300479-00	10 K 1/4W 5% CC	2		R70,R107
37	37		1302388-00	2 K 1/4W 5% CC	13		R18-R21,R45,R50,R66,R67,R71,R87, CONT R122,R128,R131
38	38		1302391-00	20 K 1/4W 5% CC	1		R59
39	39		1302394-00	30 K 1/4W 5% CC	1		R95
40	40		1302398-00	470 K 1/4W 5% CC	1		R55
41	41		1302466-00	100 K 1/4W 5% CC	1		R121
42	42		1302514-00	39 K 1/4W 5% CC	2		R91,R120
43	43		1302666-00	10 M 1/4W 5% CC	1		R94
44	44		1302871-00	1.21 K 1/4W 1% RN55D-F 100PPM	1		R88
45	45		1303044-00	100 K 1/4W 1% F 55D-F 100PPM	1		R25
46	46		1303047-00	464 1/4W 1% RN55D-F 100PPM	5		R64,R65,R83,R85,R113
47	47		1303114-00	1.0 K 1/4W 1% RN55D-F 100PPM	2		R89,R117
48	48		303312-00	10.0 K 1/4W 1% RN55D-F 100PPM	7		R17,R29-R31,R36,R60,R63
49	49		1304693-00	562 1/4W 1% RN55D-F 100PPM	1		R108
50	50		1304841-00	75 K 1/4W 5% CC	1		R81
51	51		1304862-00	1.62 K 1/4W 1% RN55D-F 100PPM	1		R110
52	52		1304870-00	6.81 K 1/4W 1% RN55D-F 100PPM	1		R33
53	53		1305124-00	287 1/4W 1% RN55D-F 100PPM	2		R84,R86
54	54		1305265-00	39.2 K 1/4W 1% RN55D-F 100PPM	1		R24
55	55		1305266-00	365 K 1/4W 1% RN55D-F 100PPM	2		R96,R99
56	56		1305405-00	24.9 K 1/4W 1% RN55D-F 100PPM	1		R23
57	57		1309595-00	1 M 1/4W 5% CC	3		R46,R51,R132
58	58		1310632-00	2.37 K 1/4W 1% RN55D-F 100PPM	1		R109
59	59		1311594-00	30.1 K 1/4W 1% RN55D-F 100PPM	2		R97,R100
60	60		1312929-00	62 1/4W 5% CC	2		R111,R112
61	61		1312930-00	5.1 K 1/4W 5% CC	3		R68,R69,R137
62	62		1312989-00	17.8 K 1/4W 1% RN55D-1782F	3		R22,R103,R104
63	63		1313589-00	1.4 K 1/4W 1% RN55D-F 100PPM	1		R90
64	64		1313846-00	2.26 K 1/4W 1% RN55D-F 100PPM	1		R32
65	65		1314041-00	3.01 K 1/4W 1% RN55D-F	1		R37
66	66		1314491-00	1.02 K 1/4W 1% RN55D-F 100PPM	1		R114
67	67		1513489-00	2N 4401 NPN 350MW SI 40 20	3		Q7,Q10,Q12
68	68		1513490-00	2N 4403 PNP 350MW SI-40 30	10		Q1-Q3,Q5,Q6,Q8,Q9,Q11,Q13,Q15
69	69		1513697-00	2N 5640 FET N CHNNL	1		Q14
70	70		1909928-00	7416 INVERTER GATE-HEX 1I	4		E9,E10,E68,E85

D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							DRIVE LOGIC		K	PL	5414025-0-DBP	A

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION 00	REFERENCE DESIGNATOR
71	71	1910046-00	7442 DECODER-1 OF 10,BCD	1	E55
72	72	1910268-00	DEC 75107B RECEIVER,LINE,DUAL,	4	E57,E61,E65,E87
73	73	1910298-00	741 OP AMP GEN PURP. COM	1	E31
74	74	1910363-00	7496 SHIFT REG.,5BIT	1	E63
75	75	1910536-00	74S10 NAND GATE-TRIPLE 3IN	1	E45
76	76	1910655-00	74157 MUX 2 TO 1 QUAD	2	E23,E24
77	77	1911341-00	75113 DRIVER,LINE,DUAL,MA	3	E77,E83,E86
78	78	1912107-01	324ANOP AMP,QUAD	1	E49
79	79	1912108-00	339 VOLT CMPRTR,QUAD	3	E5,E36,E56
80	80	1912541-00	79M05 VOLT.REG.FIX -	1	Q4
81	81	1912697-00	LS174 FF-D HEX W/CLEAR	2	E37,E41
82	82	1912799-00	LS00 NAND-GATE-QUAD 2IN,P	4	E7,E15,E44,E67
83	83	1912801-00	LS02 NOR-GATE-QUAD 2IN	4	E1,E30,E39,E54
84	84	1912803-00	LS04 INVERTER GATE-HEX 1I	3	E64,E79,E80
85	85	1912805-00	LS08 AND GATE-QUAD 2IN,PO	6	E14,E34,E38,E69,E72,E76
86	86	1912807-00	LS10 NAND GATE-TRIPLE 3IN	1	E18
87	87	1912810-00	LS20 NAND GATE-DUAL 4IN	1	E2
88	88	1912813-00	LS27 NOR GATE-TRIPLE 3IN	1	E73
89	89	1912816-00	LS32 OR GATE-QUAD 2IN,POS	4	E17,E35,E59,E84
90	90	1912824-00	LS74 FF-D DUAL,EDGE TRIGG	9	E3,E11,E16,E26,E42,E46,E47,E62, E75
					CONT
91	91	1912829-00	LS86 X-OR GATE-QUAD 2IN	3	E51,E66,E78
92	92	1912837-00	LS123 ONE SHOT-DUAL,RETRIG	1	E50
93	93	1912854-00	LS193 COUNTER,SYNCHR,4BIT,	3	E27,E28,E43
94	94	1912855-00	LS195 SHIFT REL.,4BIT PARA	5	E19-E22,E25
95	95	1912857-00	LS197 COUNTER,BINARY,PRESET	4	E4,E8,E13,E74
96	96	1912864-00	LS279 LATCH,QUAD-S-R	6	E6,E12,E29,E33,E58,E71
97	97	1913414-00	LS14 INVERTER GATE-HEX 8C	2	E40,E48
98	98	1914156-00	LM 393 VOLT.COMPARATOR DUAL	1	E53
99	99	23368A2-00	A2-02,A2-04	1	E52
100	100	23371A2-00	A2-02,A2-04	1	E60
101	101	23444A2-00	A2-02,A2-04	1	E70
102	102	23445A2-00	A2-02,A2-04	1	E32
103	103	9007201-00	TRANSIPADS #10253	1	
104	104	9007791-00	TERM PCB 2POS SOLDER,TURRET	16	TP1-TP16
105	105	9009185-00	JUMPER, WIR, INSULATED, BLACK B	1	W1
106	106	9105740-55	WIRE(WRAP)30AWG UL1423	A/R	
107	107	1012784-00	.047 MFD 50V -20+80 CER	8	C7,C46,C50,C54,C69,C72,C109,C110

D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							DRIVE LOGIC		K	PL	5414025-0-DBP	A





IC	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8	Pin 9	Pin 10	Pin 11	Pin 12	Pin 13	Pin 14	Pin 15	Pin 16
75107B-00	7															
75113, 7442, 74LS123, 74LS174, 74LS193, 74LS195, 74LS275	8															
324																
ROM																
UNSPECIFIED	7															
330																
339																
339																

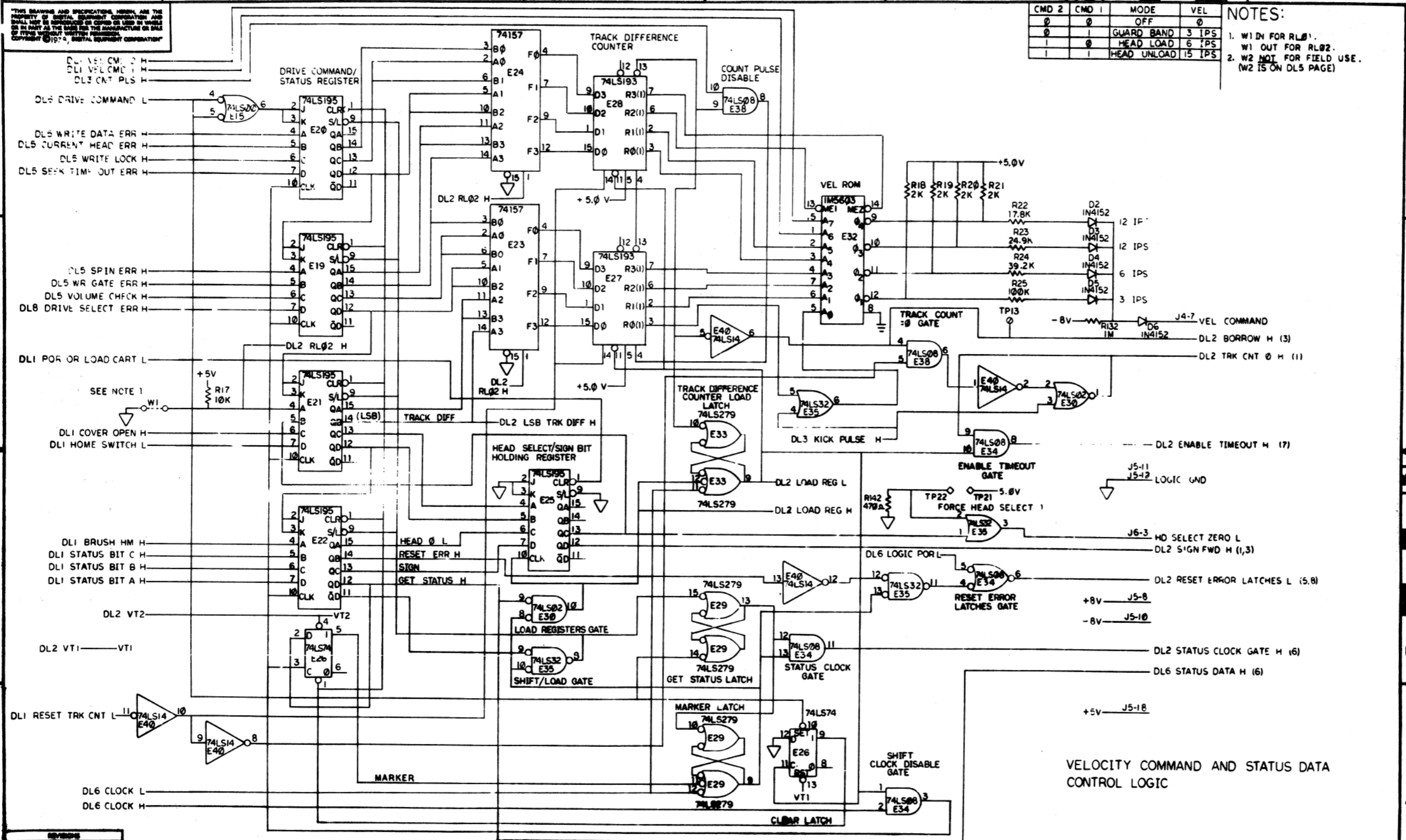
CHK'D	DATE	BY	REV.	00000
ENG.	DESIGN	DATE	REV.	
PROJ. ENG.	DATE	REV.		
PROB.	DATE	REV.		
NEXT HIGHER ASBY.				
B-DD-5414025-0		SIZE	NUMBER	REV.
SCALE	D	CS 5414025-0-1		A
SHEET	1	OF 8	REV.	

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1-0-520175 S2C 2

CMD 2	CMD 1	MODE	VEL
0	0	OFF	0
0	1	GUARD BAND	3 IPS
1	0	HEAD LOAD	6 IPS
1	1	HEAD UNLOAD	15 IPS

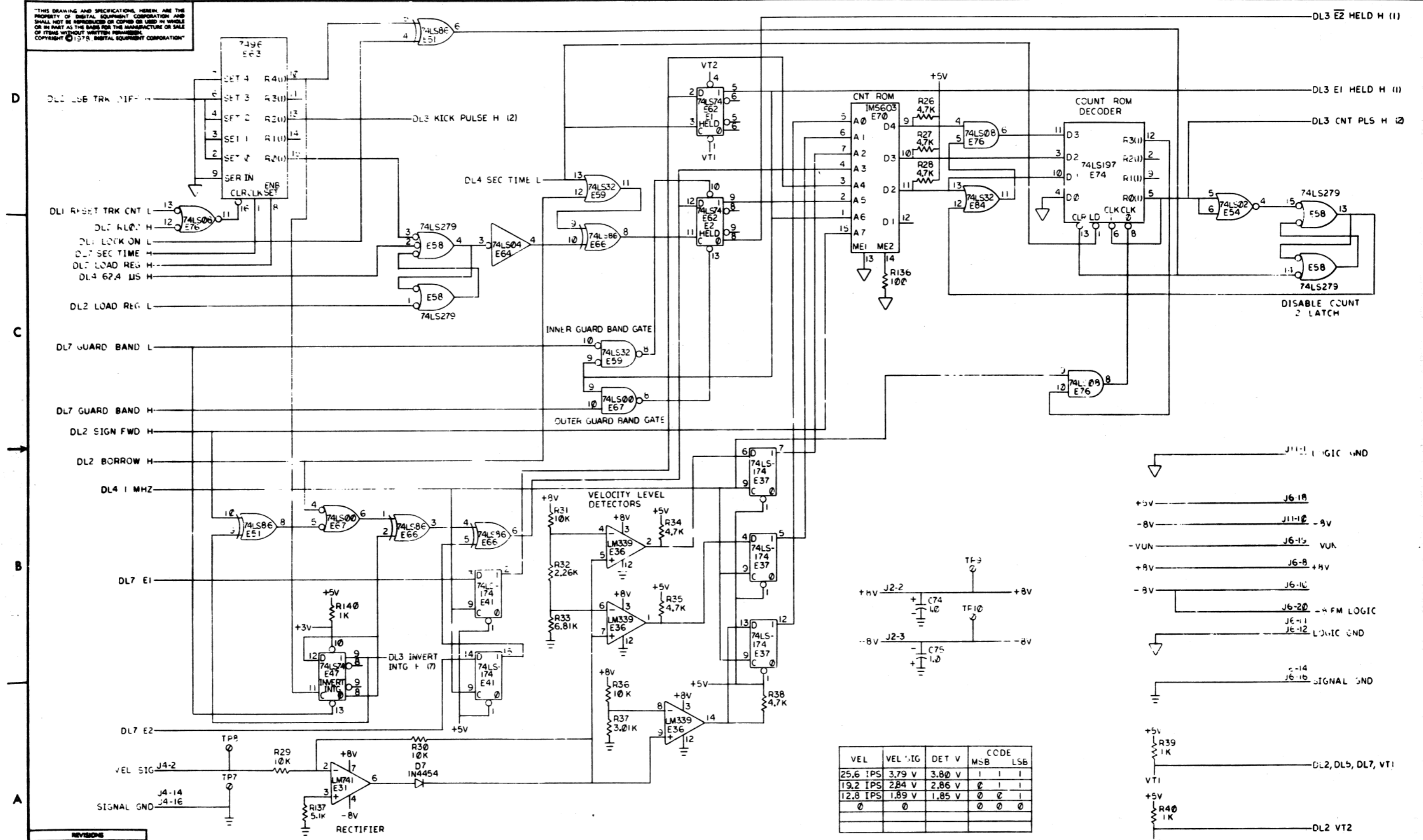
NOTES:  
 1. W1 IN FOR RL01.  
 W1 OUT FOR RL02.  
 2. W2 NOT FOR FIELD USE.  
 (W2 IS ON DL5 PAGE)



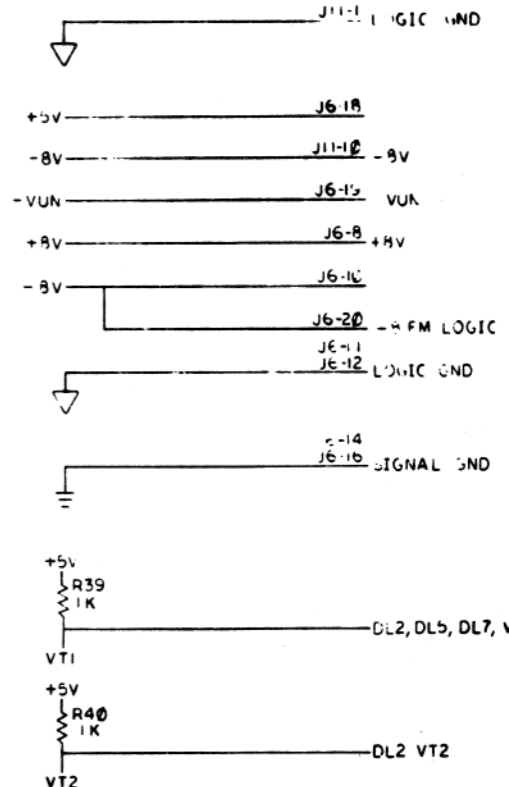
REV.	NO.	DATE	BY	CHKD	APP'D	REV.	NO.	DATE	BY	CHKD	APP'D

TITLE DRIVE LOGIC (DL2) DCS 5414025-0-1 A

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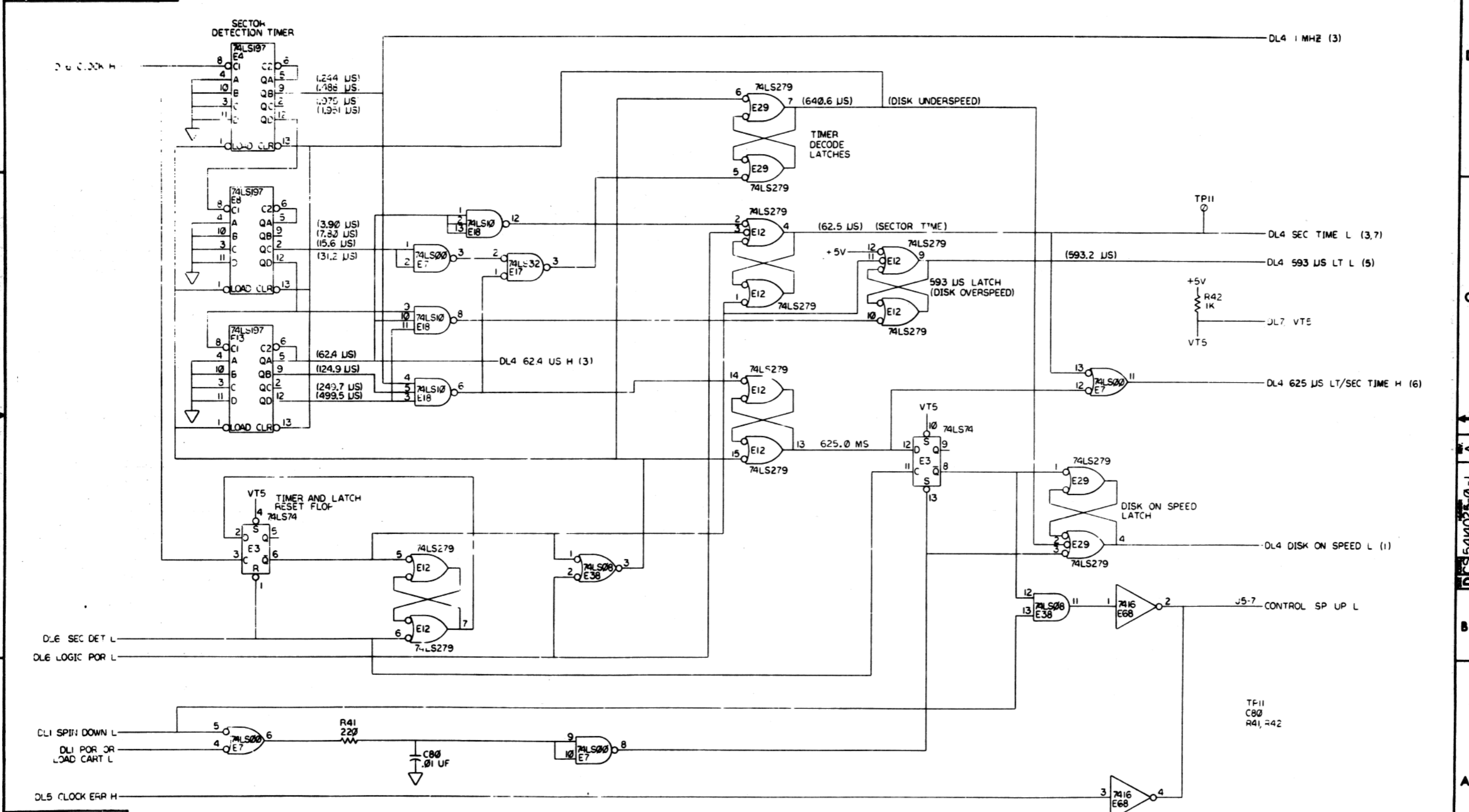
VEL	VEL SIG	DET V	CCODE
			MSB
			LSB
25.6 IPS	3.79 V	3.80 V	1 1 1
19.2 IPS	2.84 V	2.86 V	0 1 1
12.8 IPS	1.89 V	1.85 V	0 0 1
0	0	0	0 0 0



REVISIONS		
CHK	CHANGE NO.	REV.

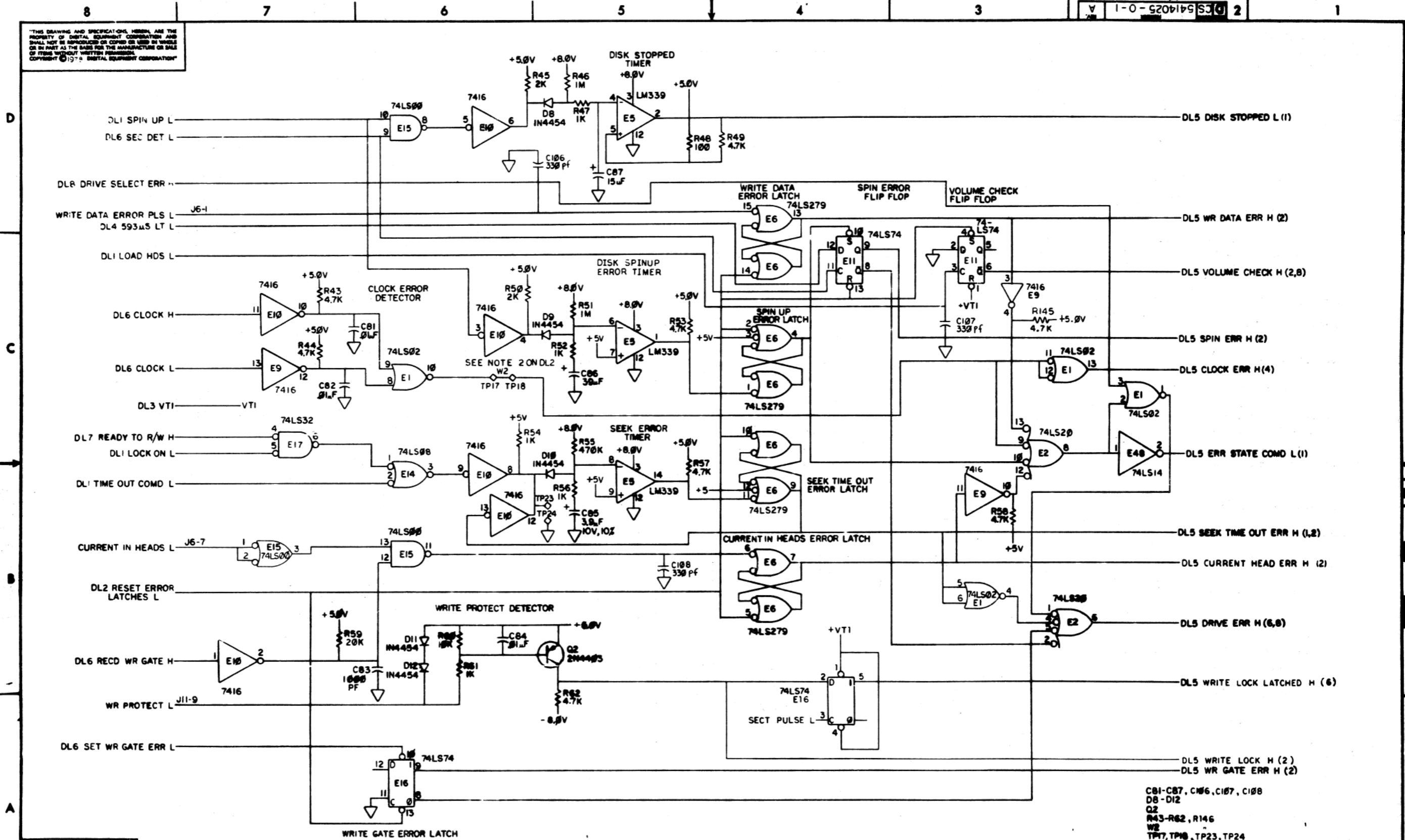
TITLE DRIVE LOGIC (COUNT LOGIC) (DL3) DCS 5414025-0-1 REV. A  
 SCALE 1:1 SHEET 3 OF 8 DWT.

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REVISIONS			TITLE		SIZE	CODE	NUMBER	REV.
CHK	CHANGE NO.	REV.	DRIVE LOGIC (DISK SPEED CONTROL) (DL4)		D	CS	5414025-0-1	A
			SCALE	SHEET	4	OF	8	DIST.

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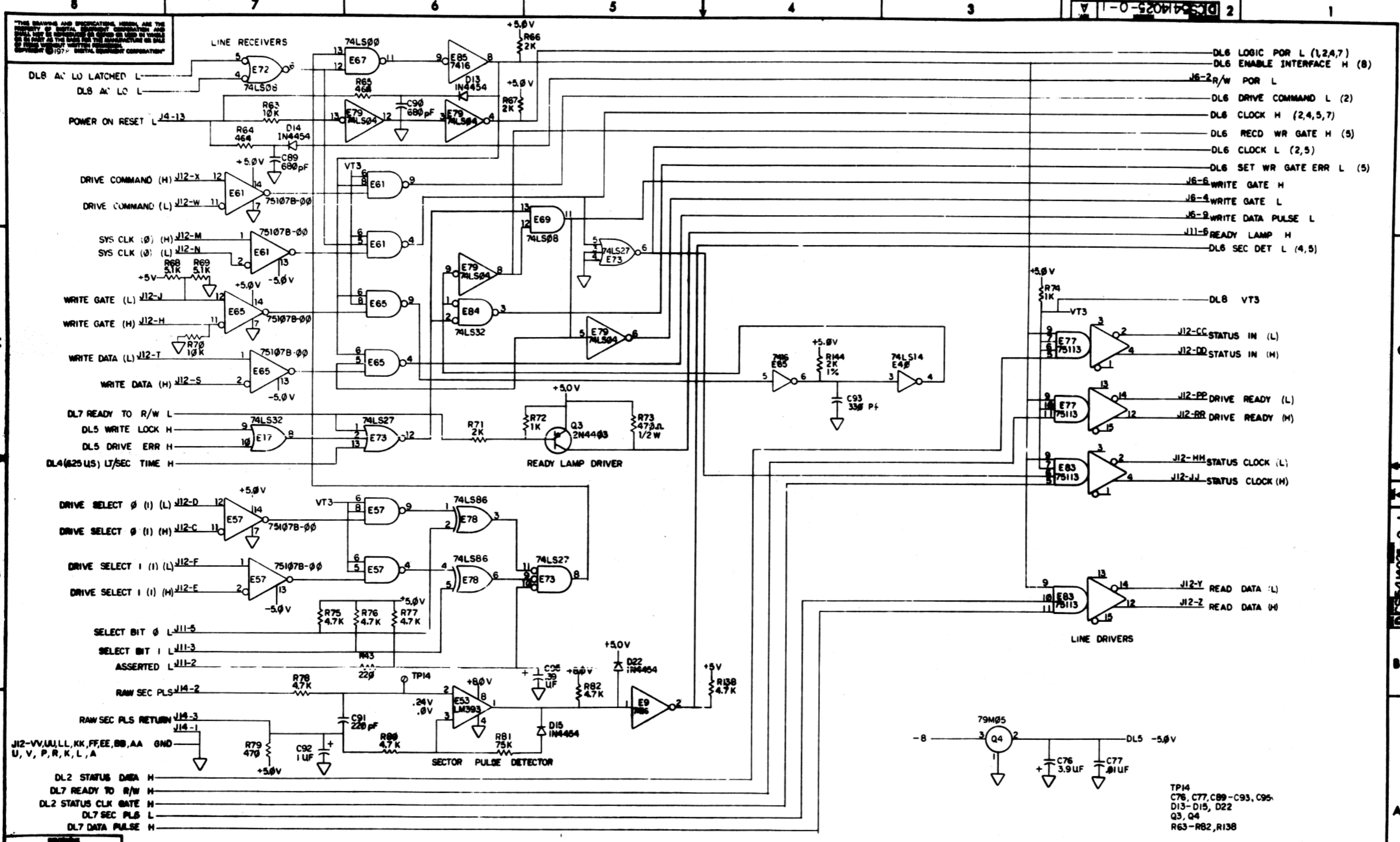


C81-C87, C86, C107, C108  
 D8 - D12  
 Q2  
 R43-R62, R146  
 W2  
 TP17, TP18, TP23, TP24

REV.	CHANGE NO.	CHK.

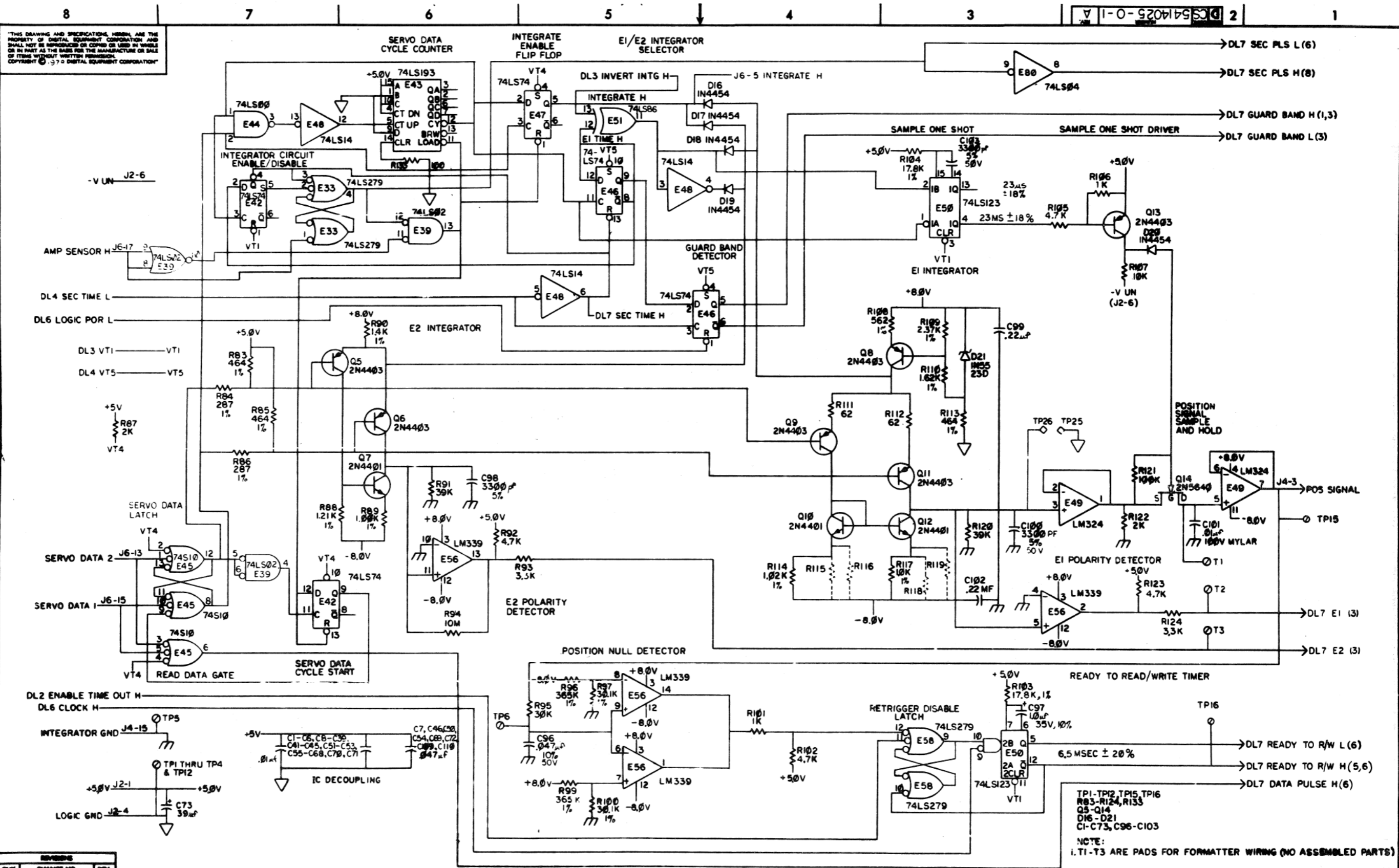
TITLE	DRIVE LOGIC (ERROR LOGIC) (DL5)	REV.	A
SCALE	SHEET 5 OF 8	DATE	

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CHK	CHANGE NO.	REV.

TITLE DRIVE LOGIC  
(INTERFACE LOGIC) (DL6) DCS5414025-0-1 A  
SCALE 1:1 SHEET 6 OF 8



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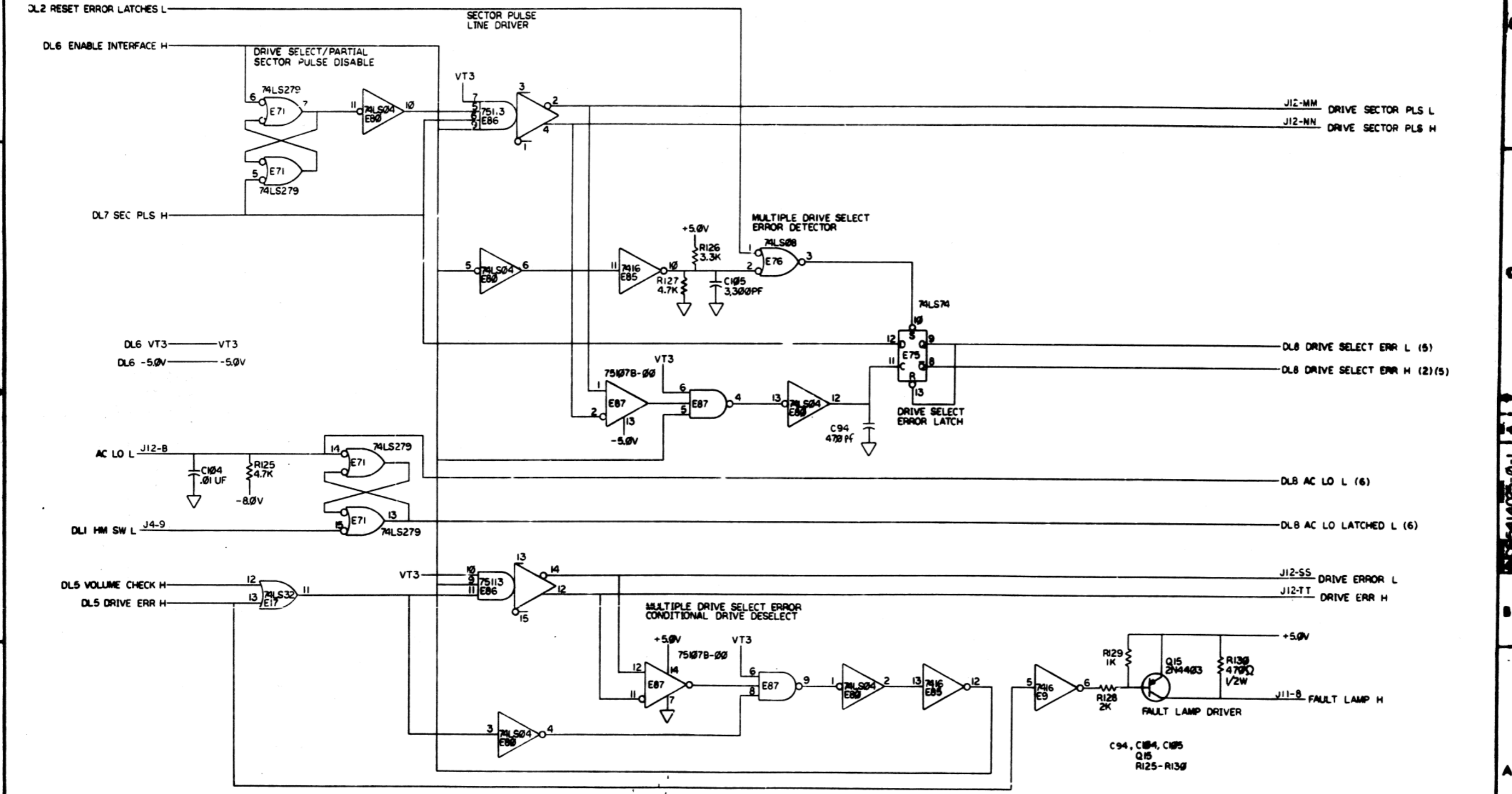
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TITLE	DRIVE LOGIC (INTEGRATOR LOGIC) (DL7)	NUMBER	7 OF 8	REV.	A
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			DRIVE LOGIC		DL8		A
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