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FIELD MAINTENANCE PRINT SET

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BRUSH DRIVE ASSEMBLY

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D-AD-7012112-0-0

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D-UA-5412175-0-0 (SHEET 1 ONLY)

**UNIT VARIATIONS
COVERED BY THIS
PRINT SET**

RL01-A

RL 01

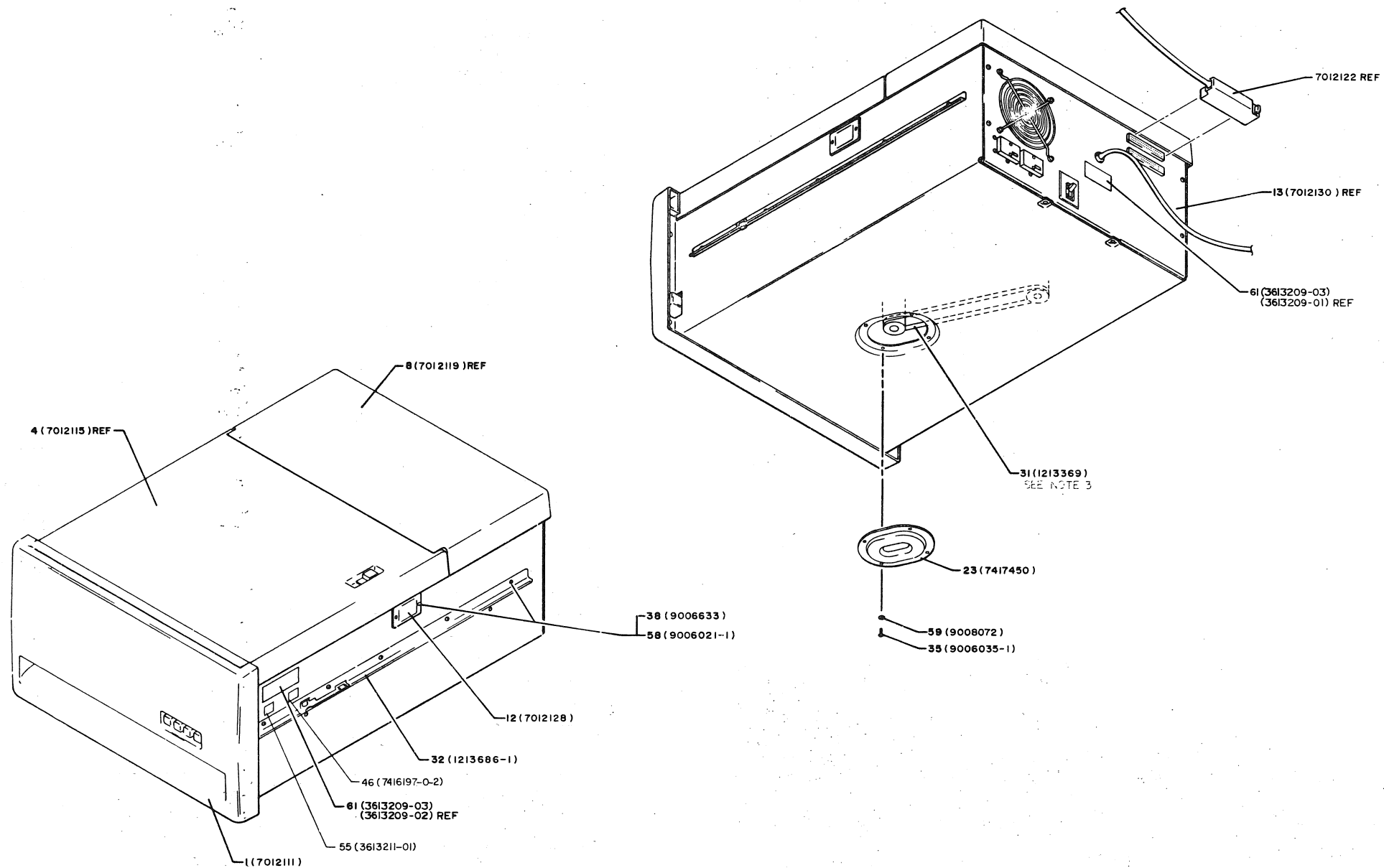
Field Maintenance Print Set

Digital Equipment Corporation
PRINT SET NO.
MP 00347

[illegible]

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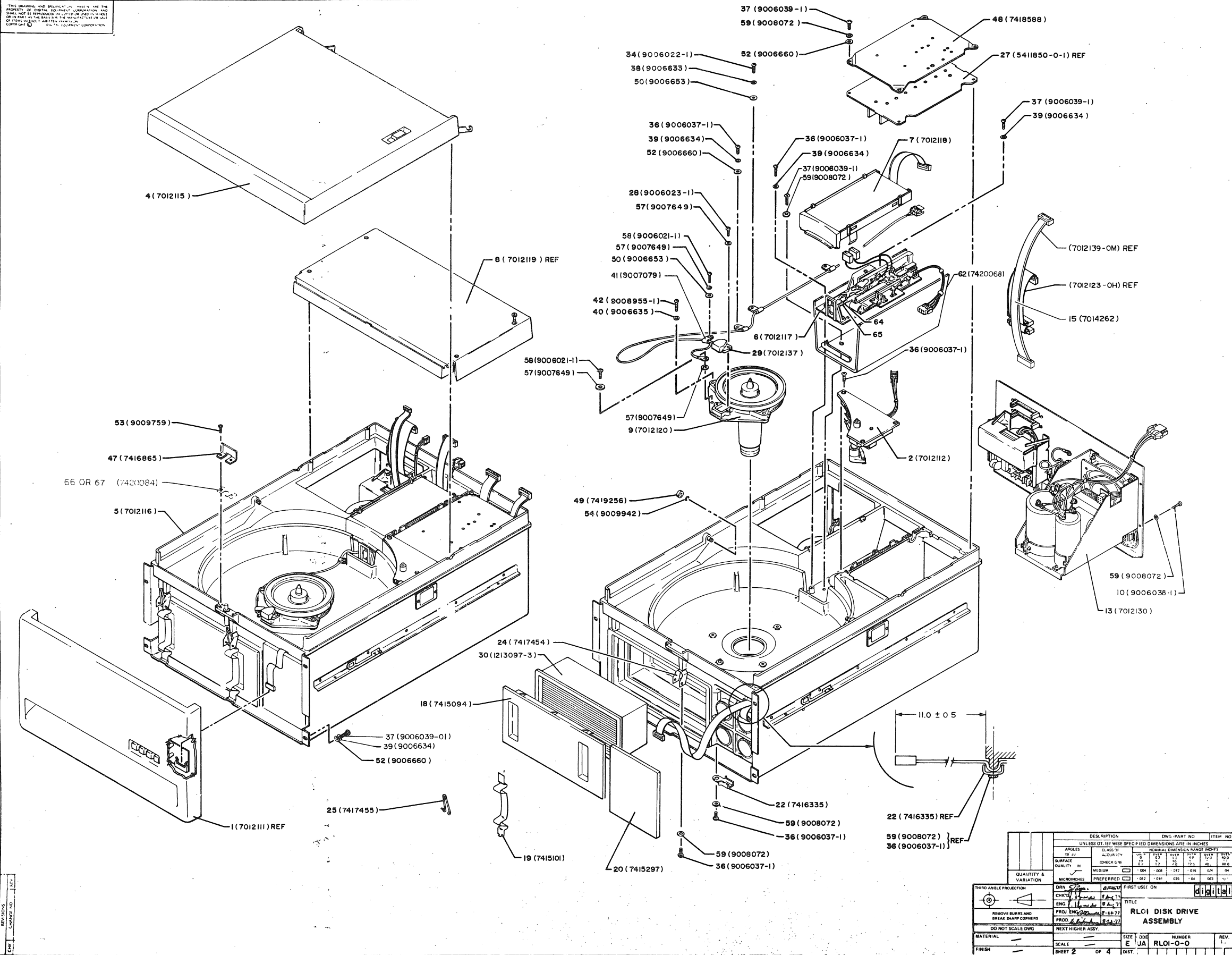
- NOTES:
1. LOWER HEAD (ITEM 65) SHALL BE POSITIONED REARWARDS AGAINST PIN IN CARRIAGE
 2. ALL SCREWS TO BE TIGHTENED AS FOLLOWS:
 4-40 SCREW, TORQUE 3.5 ± 0.5 IN LBS
 6-32 " " " 5.0 ± 1.0 " "
 8-32 " " " 10.0 ± 1.0 " "
 10-32 " " " 18.0 ± 2.0 " "
 3. DRIVE BELT TENSION 10.0 POUNDS



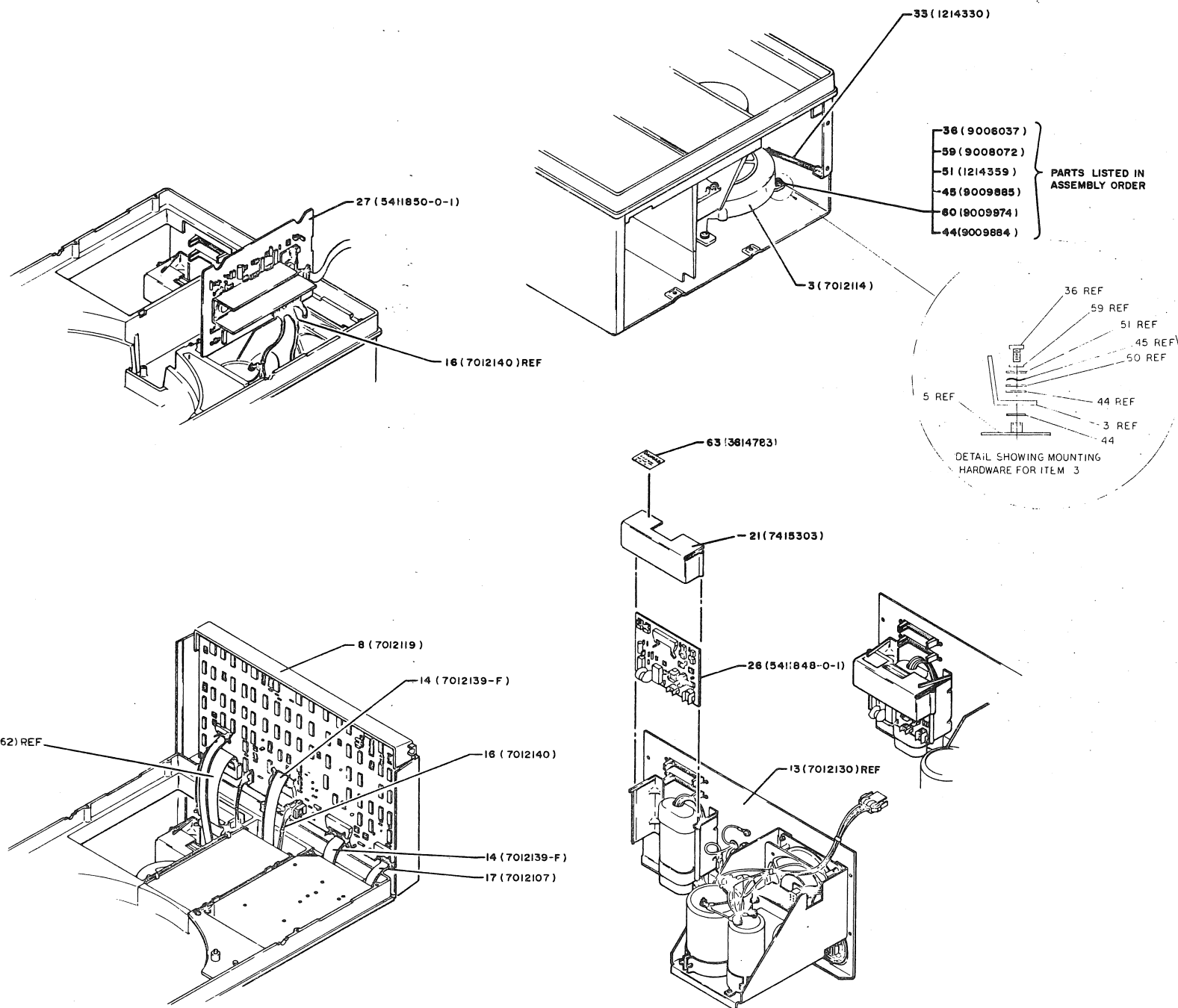
REV	DATE	BY	CHKD	APP'D	DESCRIPTION
1	10/1/77	AT	REV A		RELEASED
2	10/1/77	AT	REV B		RELEASED
3	10/1/77	AT	REV C		RELEASED
4	10/1/77	AT	REV D		RELEASED
5	10/1/77	AT	REV E		RELEASED
6	10/1/77	AT	REV F		RELEASED
7	10/1/77	AT	REV G		RELEASED
8	10/1/77	AT	REV H		RELEASED

DES. REVISION		DWG. PART NO.		ITEM NO.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES				
ANGLES 10°-30°	CLASS OF ACCURACY	NOMINAL DIMENSION RANGE INCHES		
SURFACE QUALITY IN	CHECK ONE	25	75	25
QUANTITY & VARIATION	METRIC	1.004	1.008	1.012
THIRD ANGLE PROJECTION	PREFERRED	1.012	1.016	1.020
DRN	10-77	10-77	10-77	10-77
CHKD	10-77	10-77	10-77	10-77
ENG.	10-77	10-77	10-77	10-77
PROD. ENG.	10-77	10-77	10-77	10-77
DO NOT SCALE DWG	NEXT HIGHER ASSY	TITLE		
MATERIAL	SCALE	RLO-1 DISK DRIVE ASSEMBLY		
FINISH	SHEET	OF 4	SIZE	NUMBER
			E 1/4	RLO-1-0-0

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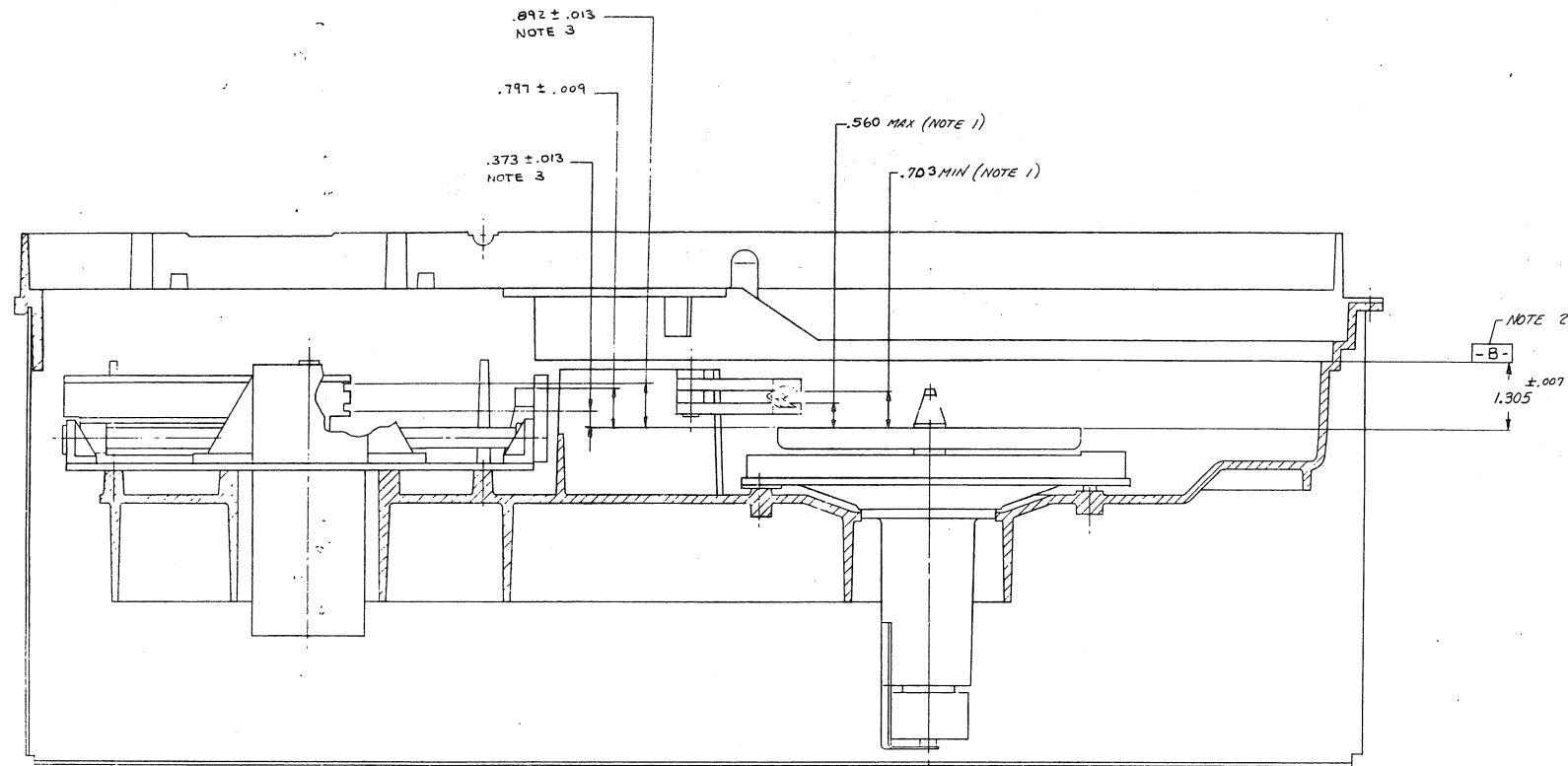


DESCRIPTION		DWG. PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			
ANGLES	CLASS 2	NOMINAL DIMENSION RANGE INCHES	
NO. OF	AUGMENT	0	0.005
SURFACE	CHECK ONE	0.005	0.005
QUALITY	IN	0.005	0.005
MEDIUM	PREFERRED	0.005	0.005
QUALITY & VARIATION	PREFERRED	0.005	0.005
THIRD ANGLE PROJECTION	DRN	0.005	0.005
REMOVE BURRS AND BREAK SHARP CORNERS	PROJ. ENG.	0.005	0.005
DO NOT SCALE DWG.	PROD.	0.005	0.005
MATERIAL	SCALE	0.005	0.005
FINISH	SHEET 2	0.005	0.005
TITLE		SIZE	DATE
RLOI DISK DRIVE ASSEMBLY		E	JA
NUMBER		REV.	1
RLOI-0-0		DIST.	



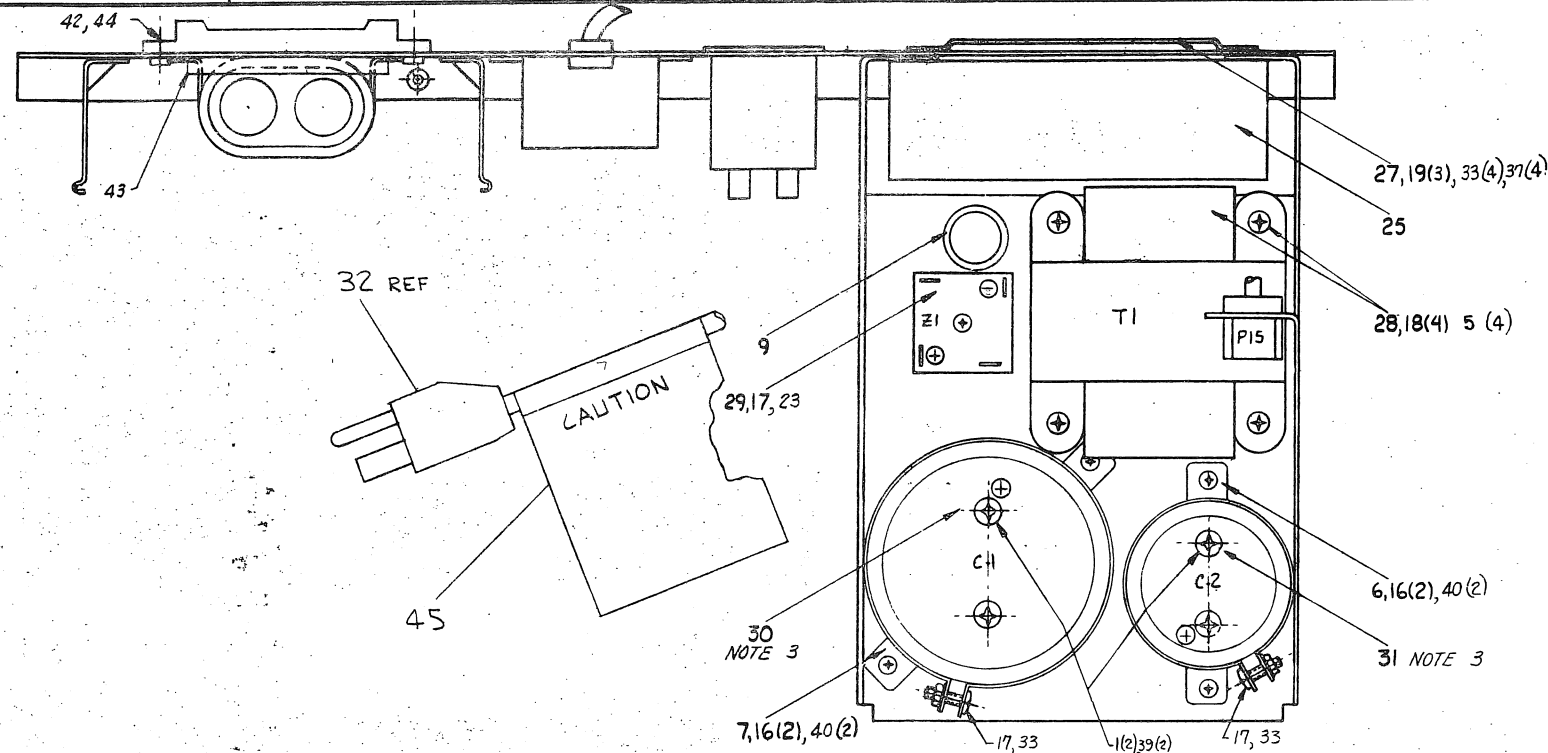
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- NOTES:
1. DIMENSION APPLIES TO HIGHEST OR LOWEST POINT ALONG BRUSHARM OR BLOCK OF RAUCH.
 2. 3 TOOLING POINTS SEE DRAWING 7416346 OF 741523?
 3. DIMENSION HAS TO BE WITHIN .004 AT BOTH EXTREMES OF CARRIAGE TRAVEL.



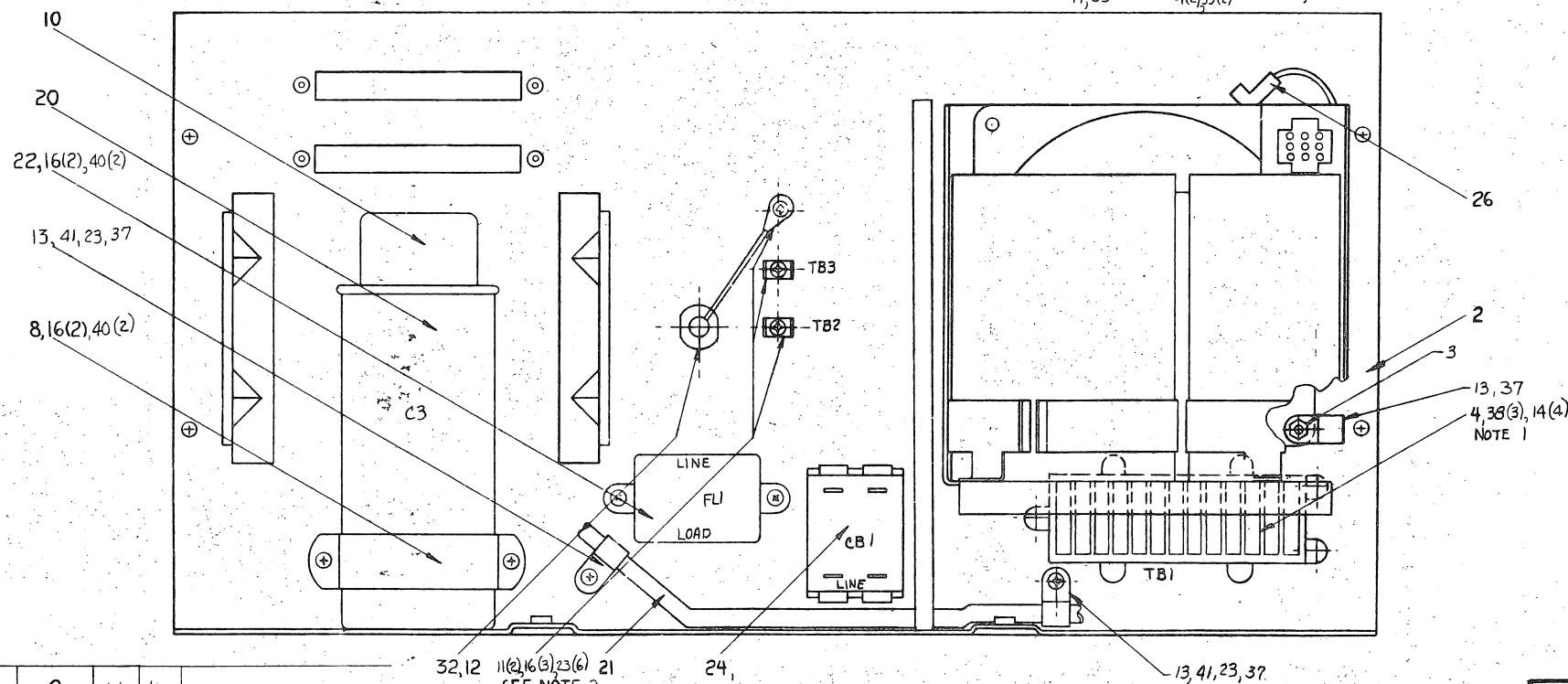
DESCRIPTION		QTY. PART NO.		ITEM NO.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES					
ANGLE	CLASS OF	NOMINAL DIMENSION RANGE INCHES			
AS SHOWN	ACCURACY	0.001	0.002	0.005	0.010
SURFACE	FINISH (RMS)	0.001	0.002	0.005	0.010
QUALITY	IN	0.001	0.002	0.005	0.010
QUANTITY & VARIATION	PREFERRED	0.001	0.002	0.005	0.010
THIRD ANGLE PROJECTION	DRN. 3/1/71	FIRST USED ON 3/1/71			
REMOVE BURRS AND BRACED DIMENSIONS	CHKD. J. A. T. D. 1/1	TOL. 1/1			
DATE	1/1/71	TOL. 1/1			
TITLE		RLOI DISK DRIVE ASSEMBLY			
MATERIAL		NAT. HIGHER ASSY.			
FINISH		SCALE 1/1			
SHEET 2 OF 2		REV. H			

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NOTES:

- 1.
2. STAR WASHERS (ITEM 23) ARE OVER 4 UNDER 2 BLADE TERMINAL (ITEM 11) & GROUND TERMINAL
3. ORIENTATE TERMINALS AS SHOWN.



1	LABEL, AC CORD WARNING	3611448	43
4	SCREW PPH #4-40 x .25	4-PS-3006377-5	44
4	RECEPTACLE GUIDE	4-PS-1211591-38	43
2	RECEPTACLE	4-PS-1211591-35	42
2	SCREW #6-32 x 5/16	9006021-01	41
8	#6 EXT. EXT. STAR WASHER	90 07649-00	40
4	WASHER, INT. STAR #10	9006635-00	39
3	SCREW #6 ST x .312 PLASTITE	90 09800-02	38
7	#6 FLAT WASHER	9006653-00	37
1	HARNESSTB	B1A7012125-08-0	36
1	HARNESSTB	B1A7012125-08-0	35
1	HARNESSTB	B1A7012142-0-0	34
6	NUT KEP #6	90 09800-00	33
1	LINE CORD	B1A7012109-0-0	32
1	CAPACITOR 20000 MF 40V	1013531-00	31
1	CAPACITOR 66000 MF 30V	1013530-00	30
1	DIODE ASSEMBLY	1110051-00	29
1	TRANSFORMER	1613897-00	28
1	GRILL FAN	1210263-00	27
1	CABLE FAN	B1A7012110-0-0	26
1	FAN	1209123-01	25
1	CIRCUIT BREAKER	1214360-00	24
9	#6 INT. STAR WASHER	9006633-00	23
1	REF. FILTER	1212877-00	22
1	HARNESSTB	B1A7012108-0-0	21
1	MOTOR CAPACITOR	1013102-00	20
3	SCREW #6-32 x 5/16	9006627-01	19
4	SCREW #6-32 x 5/16	9006626-01	18
3	SCREW #6-32 x 7/16	9006623-01	17
11	SCREW #6-32 x 1/4	9006620-01	16
AR	WASHER, EXT. STAR #10	9006635-00	15
4	SCREW #6 x .875 PLASTITE	9009800-01	14
3	CABLE CLAMP 5/16	9007082-00	13
1	STRAIN RELIEF	900763-01	12
2	2 BLADE TERMINAL	9007113-00	11
1	INSULATOR MOTOR CAP	1213683-00	10
1	GROMMET	9007016-00	9
1	BRACKET, CAPACITOR MOTOR	1213156-01	8
1	BRACKET, CAPACITOR	1210431-00	7
1	BRACKET, CAPACITOR	1210430-00	6
4	WASHER EXT. STAR #8	9008072-00	5
1	TERMINAL BLOCK ASSEMBLY	CAD-7012127-01-0	4
1	SCREW #6-32 x 1.00	9006028-01	3
1	CHASSIS POWER SUPPLY	D1A71416326-0-0	2
4	SCREW 10-32 x 1/4	9006027-01	1

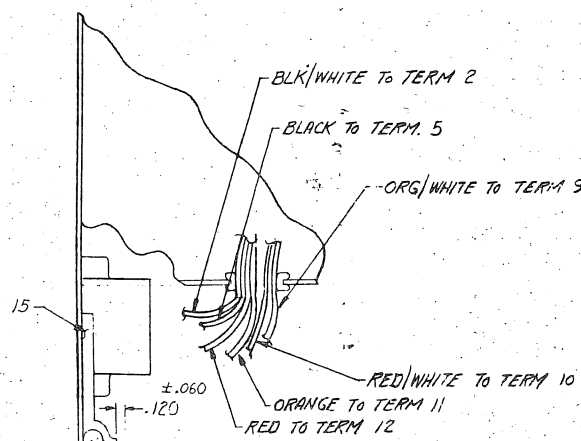
REV.	CHANGE NO.	DESCRIPTION
A	1	RELEASED AT REV. A
B	2	REV. A
C	3	REV. A
D	4	REV. A
E	5	REV. A
F	6	REV. A

QUANTITY & VARIATION	THIRD ANGLE PROJECTION	REMOVE BURRS AND BREAK SHARP CORNERS	DO NOT SCALE DWG	SEE PARTS LIST	FINISH
DRN. 01/12/76	CHK'D 01/12/76	ENG. 01/12/76	PROJ. ENG. 01/12/76	PROD. 01/12/76	
NEXT HIGHER ASSY.				E-UA-RL01-0-0	
SCALE 1/1				SHEET 1 OF 3	
TITLE POWER PANEL ASSY				SIZE CODE NUMBER REV. D AD 7012130-0-0 F	

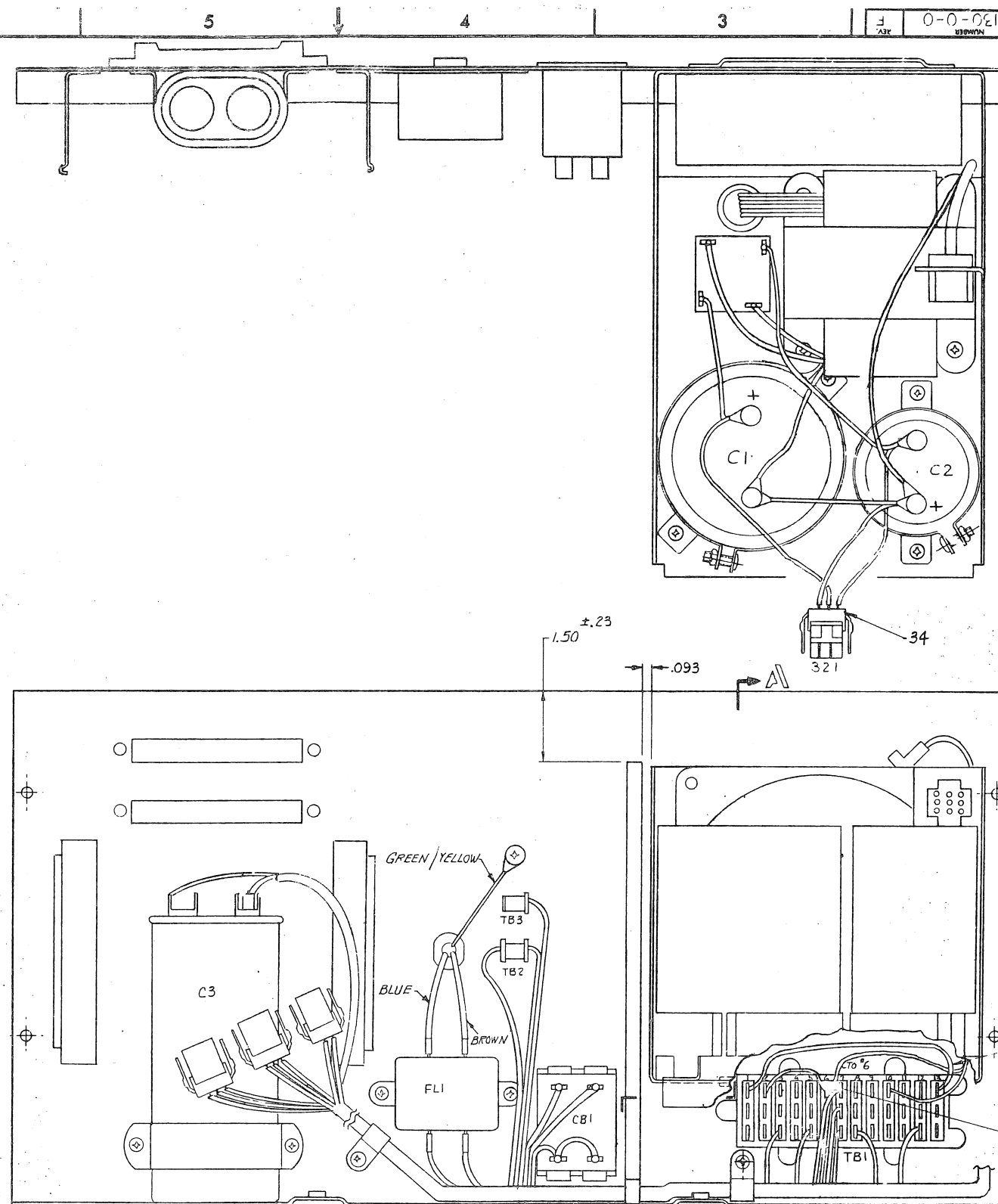
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NOTES:

1. INPUT VOLTAGE 50 OR 60 HZ
90-105, 100-127 VAC
180-210, 200-254 VAC
2. OUTPUT VOLTAGE ± 11.5 VDC MIN AT MIN POINT OF THE RIPPLE, 18 VDC MAX AT HIGH LINE (MAX OF 25 VDC AT HIGH LINE, NO LOAD.)
3. 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 DUTY CYCLE.
4. 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 P/P 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
5. HIGH POT TEST PER UL 478
CONNECT BOTH AC LEADS TO THE POSITIVE TERMINAL OF THE SUPPLY AND GREEN WIRE GROUND TO THE NEGATIVE TERMINAL OF THE SUPPLY. CLOSE CIRCUIT BREAKER AND INCREASE VOLTAGE TO 1750 VDC, ANY CURRENT INDICATES FAILURE.



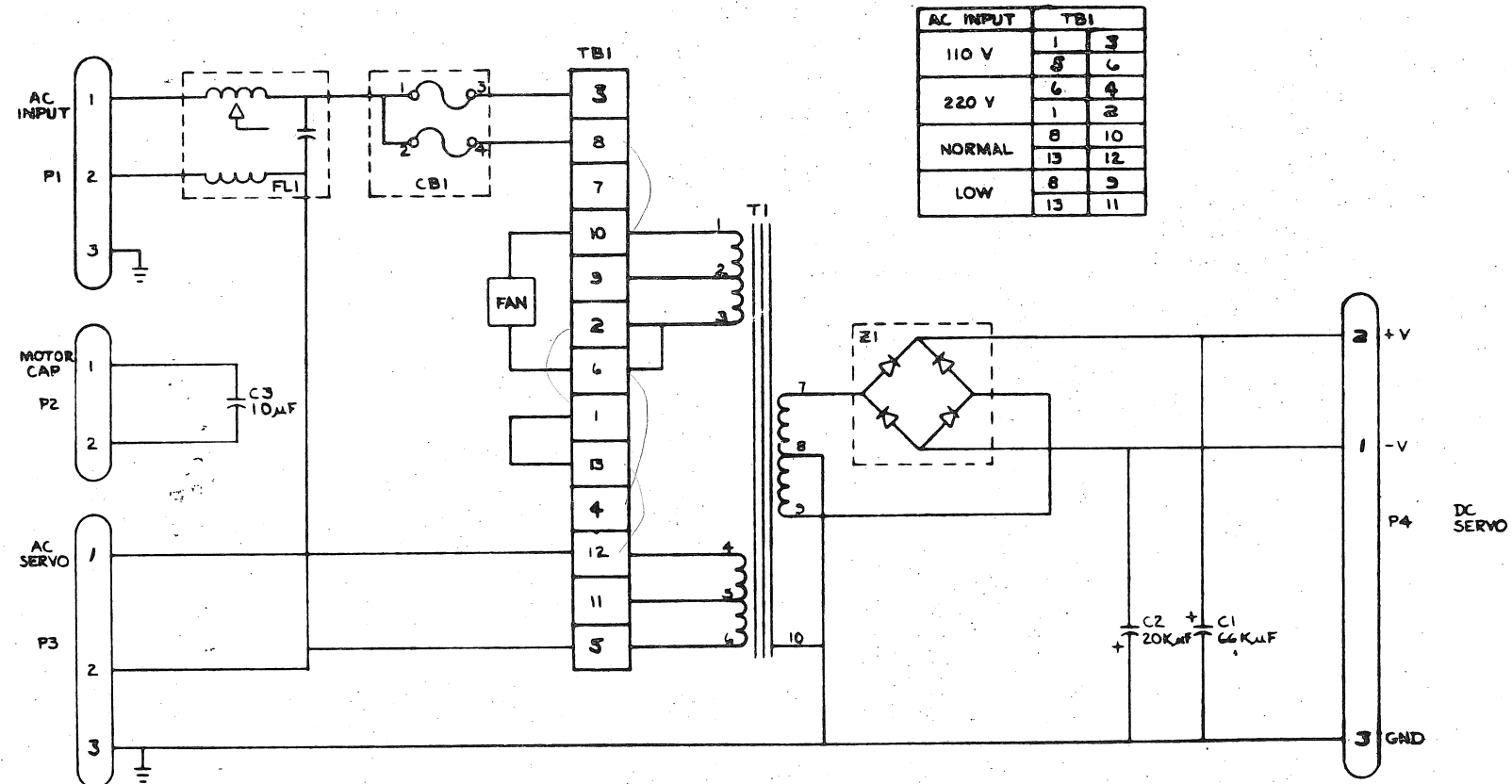
SECTION A-A



REVISIONS		
CHK	CHANGE NO.	REV.

TITLE		POWER PANEL ASSY	SIZE CODE	DAD	NUMBER	7012130-0-0	REV.	F
SCALE	1/1	SHEET	2	OF	3	DIST.		

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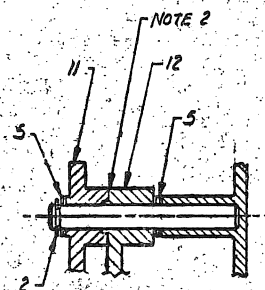


AC INPUT	TBI	
110 V	1	3
	8	6
220 V	6	4
	1	2
NORMAL	8	10
	13	12
LOW	8	5
	13	11

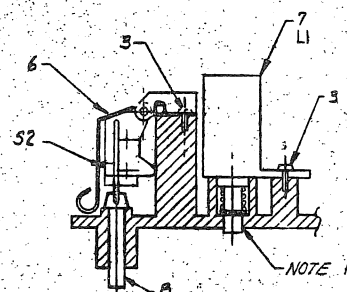
REVISIONS		
CHK	CHANGE NO.	REV.

TITLE		SIZE CODE	NUMBER	REV.
POWER PANEL ASSY		D AD	7012130-C-0	F
SCALE	NONE	SHEET	3 OF 3	DIST.

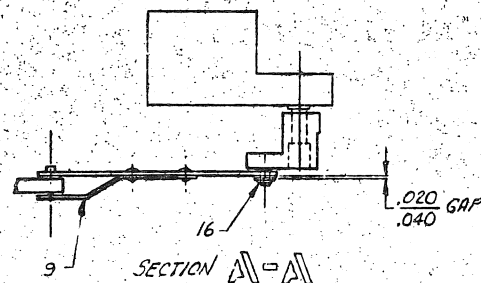
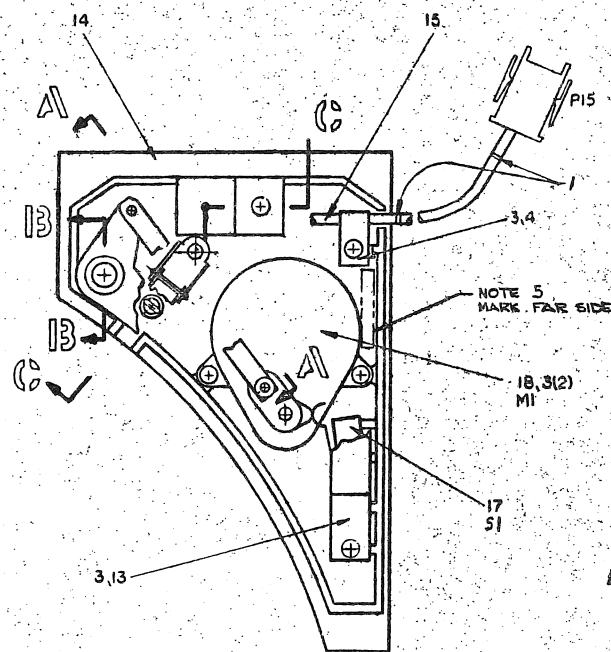
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SECTION 13-13



SECTION C-C



NOTES:

1. PLUNGER OF SOLENOID (ITEM 7) MUST MOVE FREELY. WHEN ASSEMBLY IS POSITIONED IN "UP" POSITION (TIP OF PLUNGER POINTING UP) A D.C. VOLTAGE OF 6.9 VOLTS SHALL PULL THE PLUNGER DOWN.
2. UPPER AND LOWER BRUSH HOLDER (ITEMS 11 & 12) BOLTED TOGETHER WITH (ITEM 21) BEFORE ASSEMBLY TO COVER (ITEM 11).
3. ADJUST SWITCH (ITEM 17) BY LATERAL MOVEMENT OF BRACKET (ITEM 13). TRANSITION OF SWITCH TO OCCUR AT DEAD-CENTER OF CRANK (ITEM 19).
4. CONNECT LEADS OF MOTOR (ITEM 18) TO PINS 3 & 4 OF CONNECTOR P15 AND LEADS OF SOLENOID (ITEM 7) TO PINS 6 & 7 OF CONNECTOR P15. DRESS WIRES AND TIE TO HARNESS (ITEM 15) WITH ITEM 1 AS SHOWN.
5. PART TO BE MARKED WITH PART # (7012112) AND REVISION LETTER IN AREA SHOWN.

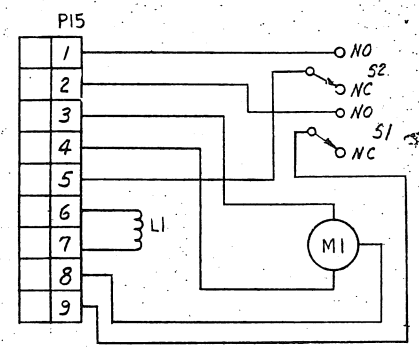
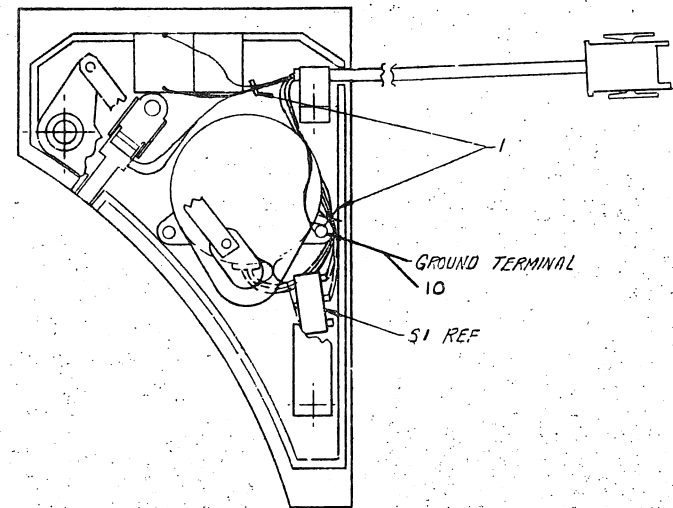
ADHESIVE, PERMABOND 102	9C 3157	21
		20
		19
1 MOTOR, CRANK ASSEMBLY	C-AD-7014261-0-0	18
1 SWITCH	A-PS-1214011-00	17
1 PUSHNUT FASTENER	9009865-00	16
1 BRUSH DRIVE HARNESS	C-1A-7012126-0-0	15
1 COVER, BRUSH DRIVE	E-1A-7415224-0-0	14
1 BRACKET, SWITCH	C-MD-7415229-0-0	13
1 HOLDER, UPPER BRUSH	C-MD-7415226-0-0	12
1 HOLDER, LOWER BRUSH	C-MD-7415225-0-0	11
1 WASHER, LOCK #6 EXT	A-PS-9007649	10
1 BRUSH DRIVE LINK ASSEMBLY	C-A-7416589-0-0	9
1 PLUNGER, CARTRIDGE SENSE	B-MD-7416358-0-0	8
1 SOLENOID, COVER LOCK	CPS-1213204-0-0	7
1 CARTRIDGE SENSE SWITCH ASSY	CAD-7012132-0-0	6
2 WASHER	9009868-00	5
1 CLAMP, CABLE	9007080-00	4
6 SCR, SELF-TAP, #6 X .31 LG	9009800-02	3
1 RETAINER	9009866-00	2
4 WRAP, TIE	9007031-00	1

DESCRIPTION	DWG./PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
ANGLES 30° 30'	CLASS OF ACCURACY	NOMINAL DIMENSION RANGE INCHES
SURFACE QUALITY IN	(CHECK ONE)	OVER 0 TO 0.2
	MEDIUM	OVER 0.2 TO 1.2
MICROINCHES	PREFERRED	OVER 1.2 TO 4.0
		OVER 4.0 TO 12.0
		OVER 12.0 TO 40.0
		OVER 40.0 TO 60.0

THIRD ANGLE PROJECTION	DRN. 8/1/77	FIRST USED ON	RL 01
REMOVE BURRS AND BREAK SHARP CORNERS	CHKD. 8/1/77	TITLE	BRUSH DRIVE ASSEMBLY
DO NOT SCALE DWG	ENG. 8/1/77	SIZE	D
MATERIAL SEE PARTS LIST	PROD. 8/1/77	NUMBER	7012112-C-0
FINISH		REV.	A

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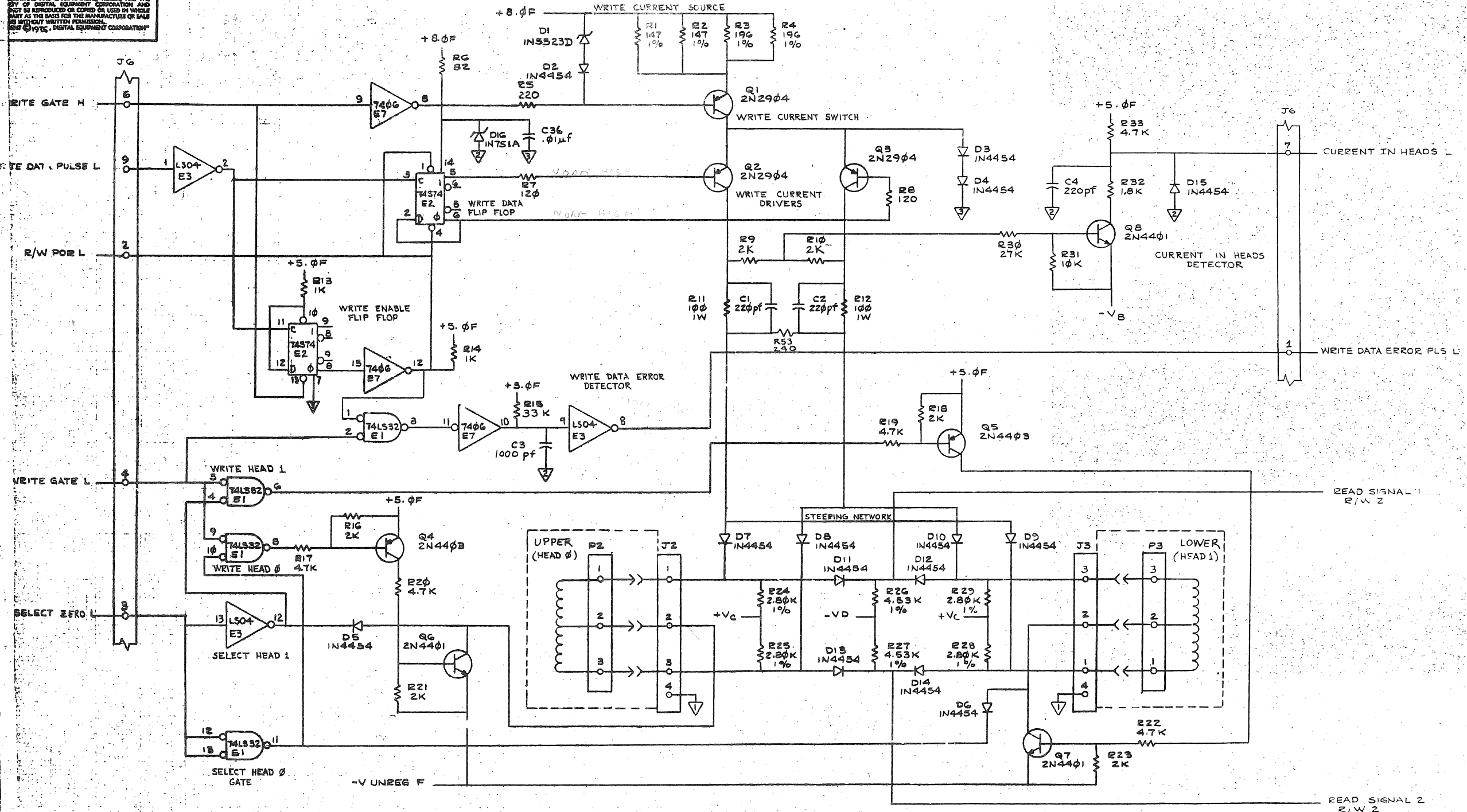
REV. A	NUMBER 7012112-0-0	SIZE D	CODE 1
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CIRCUIT SCHEMATIC

REVISIONS		
CHK	CHANGE NO.	REV.

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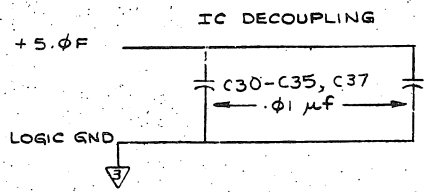
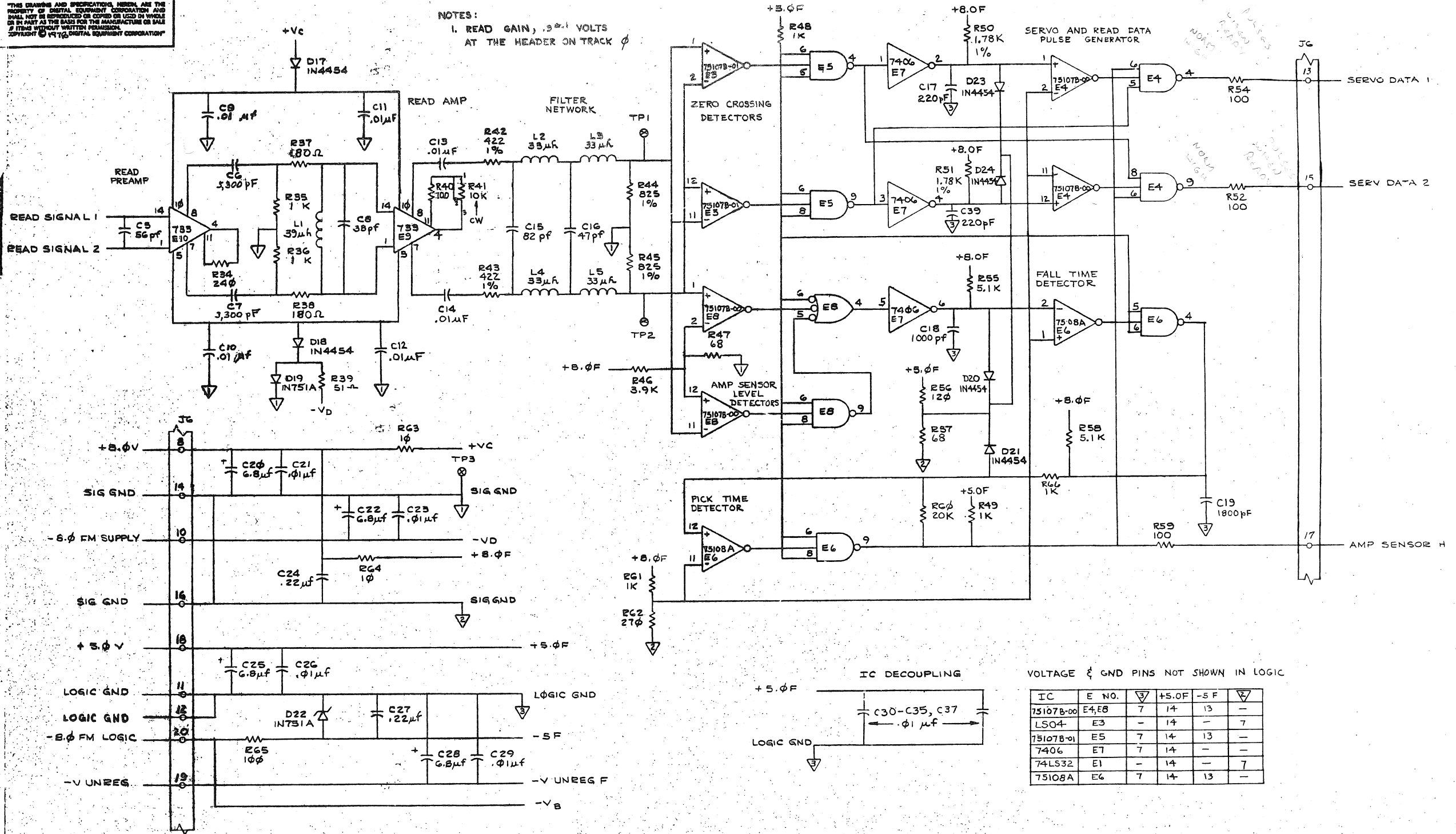


1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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DRN: NETS-2	2/26/76	FIRST USED ON	digital
CHK'D: Burrell	3-10-77	TITLE	READ/WRITE BOARD
ENG: Burrell	5-3-77	PROJ. ENG: P/L	5/1/77
PROD: P/L	5/1/77	NEXT HIGHER ASSY.	
D-UA-541044-0-0	SIZE CODE	NUMBER	REV.
SCALE	D	CS 5411844-0-1	
SHEET 1	OF 2	DIST.	

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NOTES:
1. READ GAIN, 32.1 VOLTS
AT THE HEADER ON TRACK 0



VOLTAGE & GND PINS NOT SHOWN IN LOGIC

IC	E NO.	V	+5.0V	-5.0V	V
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	-

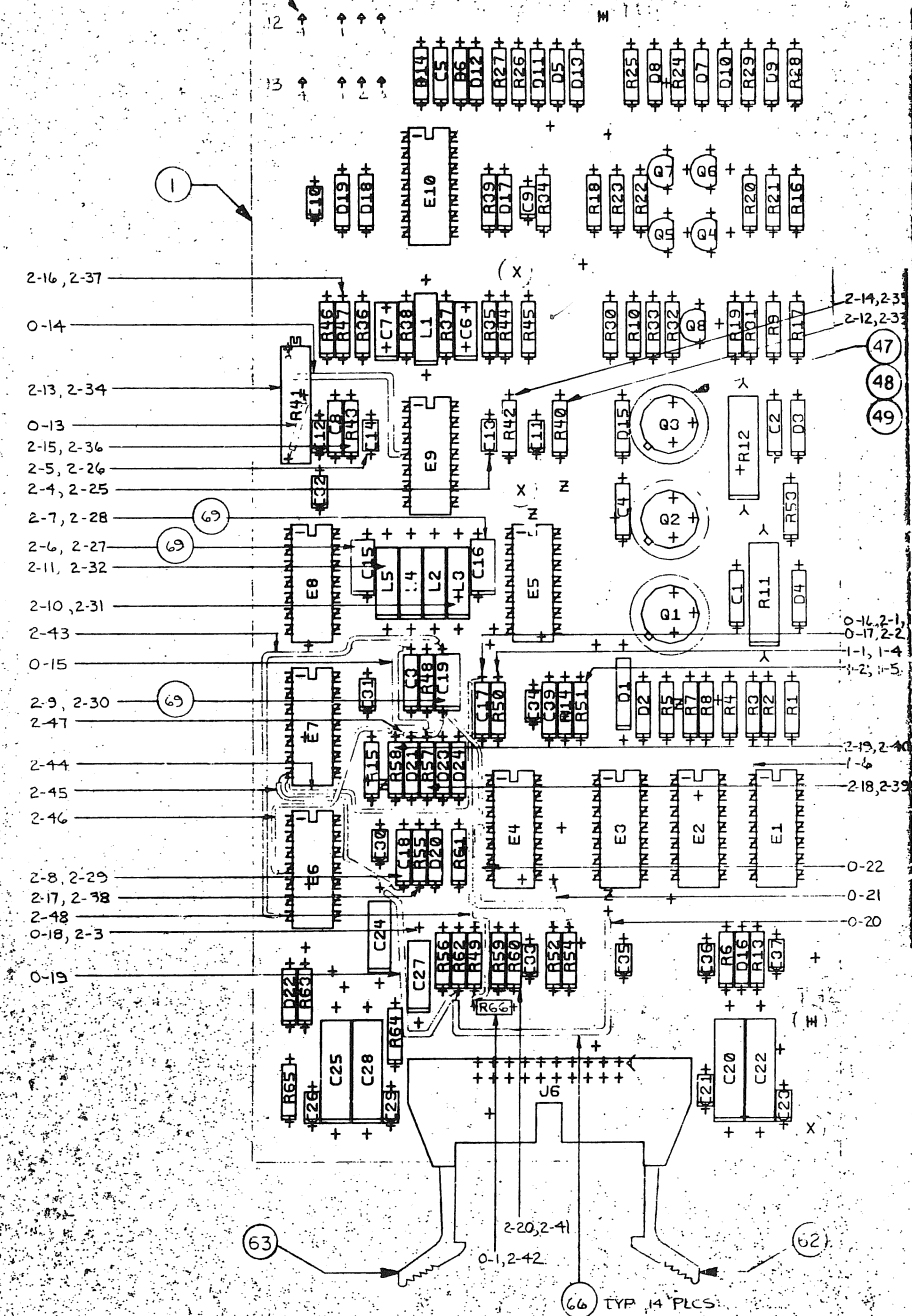
DIGITAL EQUIPMENT CORPORATION				QUANTITY / VARIATION										NOTES:					
PARTS LIST																			
MADE BY <i>Burnell</i>		CHECKED <i>B. Burnell</i>		SECTION															
DATE <i>8-9-76</i>		DATE <i>2-18-77</i>																	
ENG		PROD		ISSUED SECTION															
DATE <i>PJ Bader 5/5/77</i>		DATE <i>PJ Bader 5/5/77</i>																	
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	5411844-0-0												REF DESIGNATION			
1	D-MD-5011843-0-0	5011843	ETCHED CIRCUIT BOARD	1												C9,C10,C11,C12,C21,C23,C26,C27,C30,C31,C32,C33,C34,C20,C22,C25,C28			
2		1001610-00	CAPACITOR .01 uF 50V CER AX	18												C13,C14,C35,C36,C37			
3		1005306-00	CAPACITOR 6.8 uF 35V TANT	4												C16			
4		1000011-00	CAPACITOR 47 pF 100V MICA	1												C15			
5		1000015-00	CAPACITOR 82 pF 100V MICA	1												C8			
6		1013466-04	CAPACITOR 33 pF 50V CER AX	1												C5			
7		1013466-05	CAPACITOR 56pF 50V CER AX	1												C1,C2,C4,C17			
8		1013466-07	CAPACITOR 220 pF 50V CER AX	5												C39			
9		1013466-09	CAPACITOR 1,000 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 Z5U	2												C6,C7			
12		1011740-02	CAPACITOR 1800 pF 50V CER RAD	1												C19			
13		1005820-00	CAPACITOR 22 pF 100V MICA	1												C38			
14		1113953-00	DIODE 1N5523D	1												D1			
15		1110994-00	DIODE 1N751A	3												D16,D19,D22			
16		1111577-00	DIODE 1N4454	20												D2,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	5												R40,R52,R54,R59,R65			
19		1300232-00	RESISTOR 100Ω 1W 5% CC	2												R11,R12			
20		1300247-00	RESISTOR 120Ω 1/4W 5% CC	3												R7,R8,R56			
21		1300365-00	RESISTOR 1K 1/4W 5% CC	8												R13,R14,R35,R36,R48,R49,R61,R66			
22		1300444-00	RESISTOR 3.9K 1/4W 5% CC	1												R46			
23		1300447-00	RESISTOR 4.7K 1/4W 5% CC	5												R17,R19,R20,R22,R33			
24		1300479-00	RESISTOR 10K 1/4W 5% CC	1												R31			
25		1301317-00	RESISTOR 10Ω 1/4W 5% CC	2												R63,R64			
26		1302612-00	RESISTOR 1.78K 1/4W 1% MF	2												R50,R51			
27		1301477-00	RESISTOR 82Ω 1/4W 5% CC	1												R6			
28		1301972-00	RESISTOR 270Ω 1/4W 5% CC	1												R62			
E.C.O. NO. <i>5411844-002</i> RELEASED AT REV'D EQUAL DI <i>5411844-000</i> <i>DB E</i> <i>B. Burnell</i> <i>G. REICHENBERG</i> <i>PJ Bader</i> <i>5411844-002</i> <i>DB - F</i> <i>B. Burnell</i> <i>G. REICHENBERG</i> <i>PJ Bader</i>																			
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EN-01140A-16-R276(325)				DRB 125				SHEET 1 OF 3				INSERTION PARTS LIST DATA BASE REV							

DIGITAL EQUIPMENT CORPORATION				QUANTITY / VARIATION										NOTES:					
PARTS LIST																			
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 <i>E. Burnell</i>		PROD <i>E. Burnell</i>		ISSUED SECTION															
DATE <i>8-9-76</i>		DATE <i>2-18-77</i>																	
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	5411844-0-0												REF DESIGNATION			
29		1312930-00	RESISTOR 5.1K 1/4W 5% CC	2												R58, R55			
30		1302388-00	RESISTOR 2K 1/4W 5% CC	6												R9, R10, R16, R18, R21, R23			
31		1302391-00	RESISTOR 20K 1/4W 5% CC	1												R60			
32		1300398-00	RESISTOR 1.8K 1/4W 5% CC	1												R32			
33		1302874-00	RESISTOR 147Ω 1/4W 1% MF	2												R1, R2			
34		1302956-00	RESISTOR 196Ω 1/4W 1% MF	2												R3, R4			
35		1313349-00	RESISTOR 33K 1/4W 5% CC	1												R15			
36		1305143-00	RESISTOR 825Ω 1/4W 1% MF	2												R44, R45			
37		1305145-00	RESISTOR 2.80K 1/4W 1% MF	4												R24, R25, R28, R29			
38		1305346-00	RESISTOR 27K 1/4W 5% CC	1												R30,			
39		1312928-00	RESISTOR 51Ω 1/4W 5% CC	1												R39,			
40		1301322-00	RESISTOR 180Ω 1/4W 5% CC	2												R37, R38			
41		1313469-00	RESISTOR 240Ω 1/4W 5% CC	2												R34, R53			
42		1313840-00	RESISTOR 4.53K 1/4W 1% MF	2												R26, R27			
43		1309143-10	POTENTIOMETER, 10K	1												R41			
44		1501913-00	TRANSISTOR 2N2904A T05	3												Q1, Q2, Q3			
45		1513489-00	TRANSISTOR 2N4401 T092	3												Q6, Q7, Q8			
46		1513490-00	TRANSISTOR 2N4403 T092	2												Q4, Q5			
47		1210001-00	HEATSINK, T05	3												(Q1, Q2, Q3)			
48		9007201-00	TRANSIPAD	3												(Q1, Q2, Q3)			
49		9008268-00	THERMAL COMPOUND	AR												(Q1, Q2, Q3)			
50																			
51		1613898-01	INDUCTOR 33 μH	4												L2, L4, L3, L5			
52		1613898-02	INDUCTOR 39 μH	1												L1			
53		1910268-00	IC, DEC, 75107B-00	2												E4, E8			
54		1912803-00	IC, DEC, LS04	1												E3			
55		1910544-00	IC, DEC, 74S74	1												E2			
56		1910644-00	IC, DEC, 733	2												E9, E10			
E.C.O. NO.																			
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EN-01140A-16-R276(325)				DRB 125				SHEET 2 OF 3				INSERTION PARTS LIST DATA BASE REV							

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INFORMATION STORAGE AND RETRIEVAL SYSTEM.

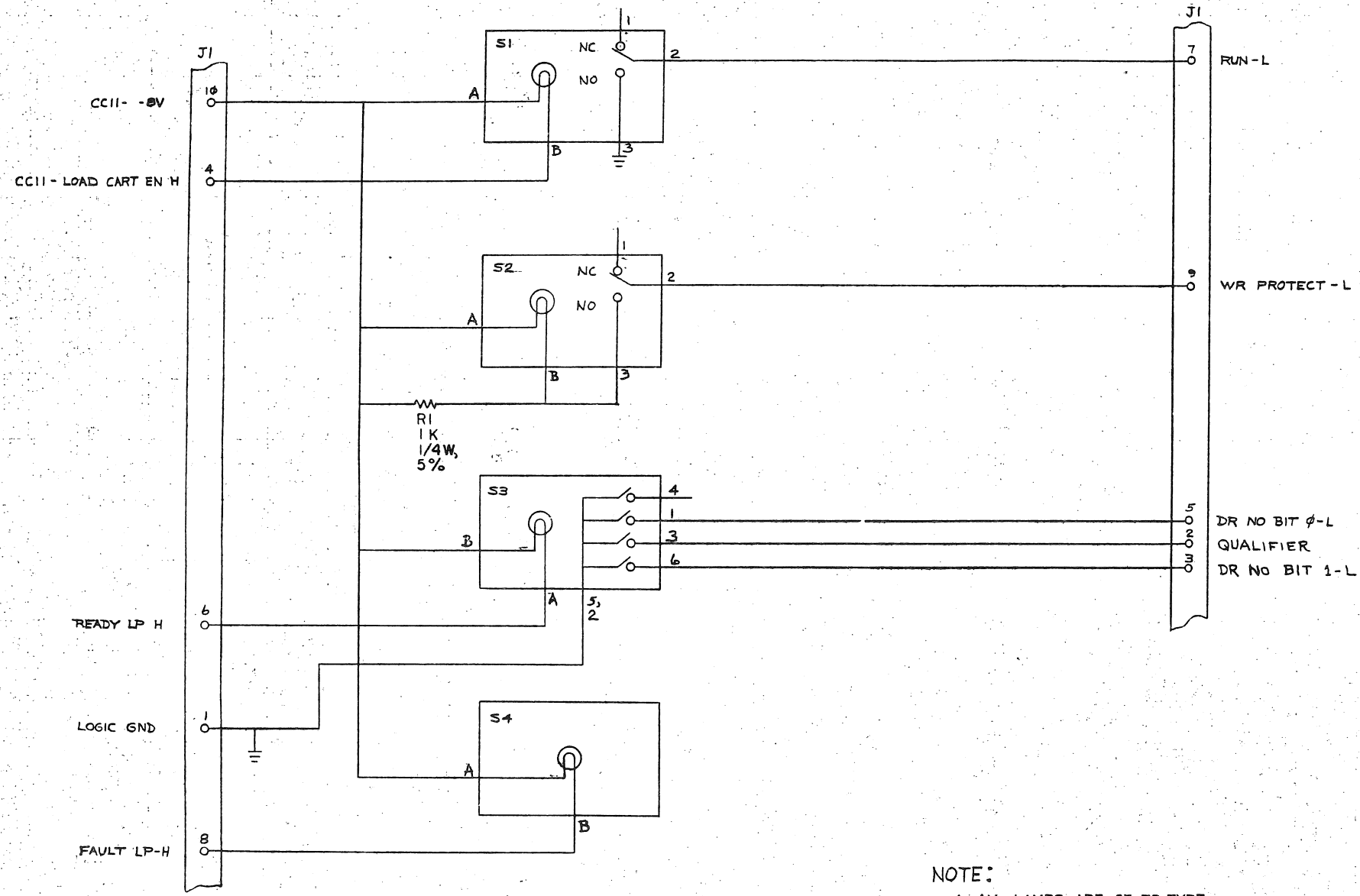
COMPONENT SIDE VIEW

64 MOUNT ON SIDE 2-8 PLCS



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REV. 1
D
CS
5411846-0-1
NUMBER
2
SIZE
CODE



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

STOP!

LIMITED
USAGE
DOCUMENT

NOT VALID FOR MANUFACTURE UNLESS
SIGNED & DATED

SIGNATURE: _____

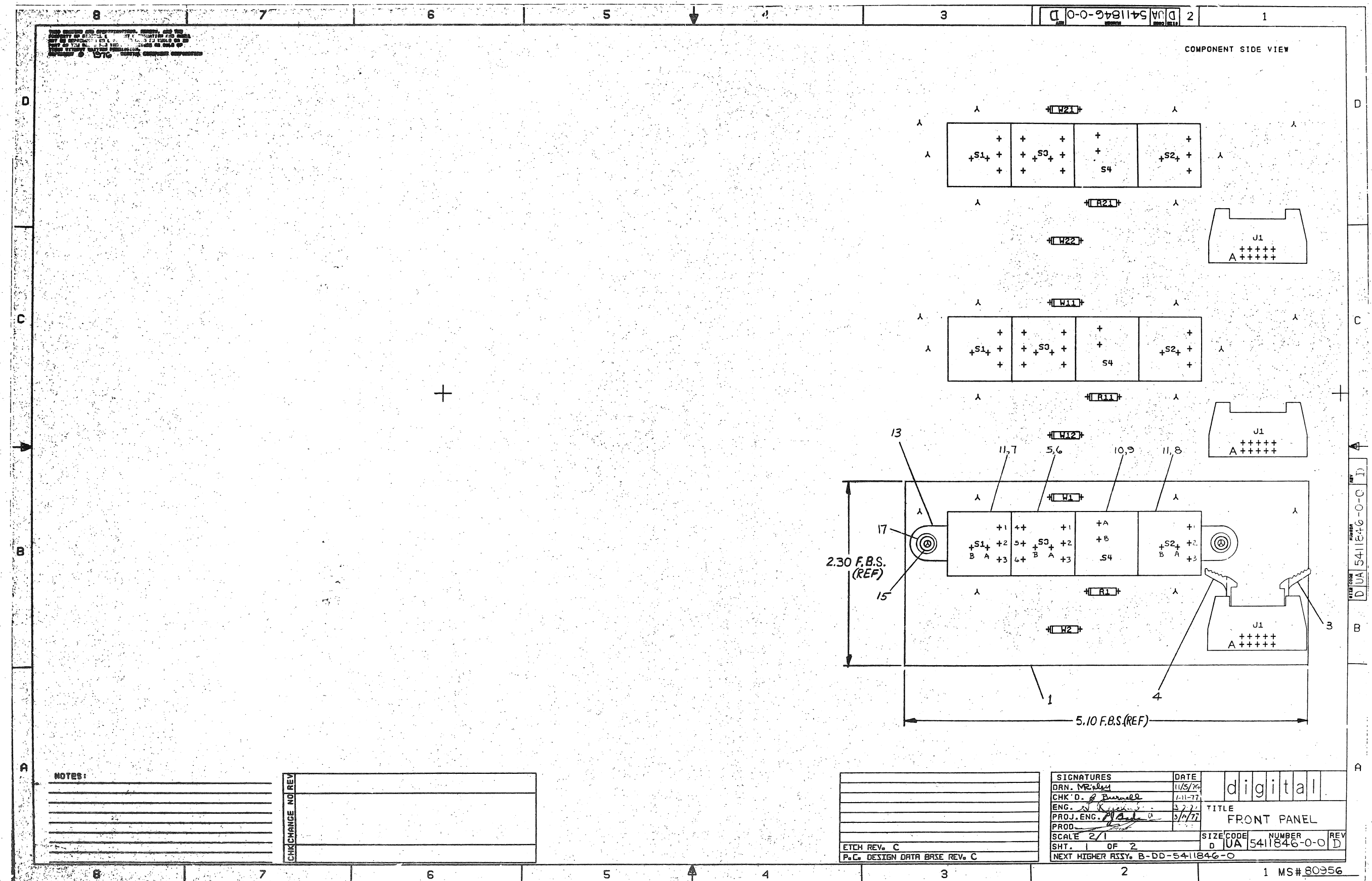
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REV: _____ QTY: _____

DATE: _____

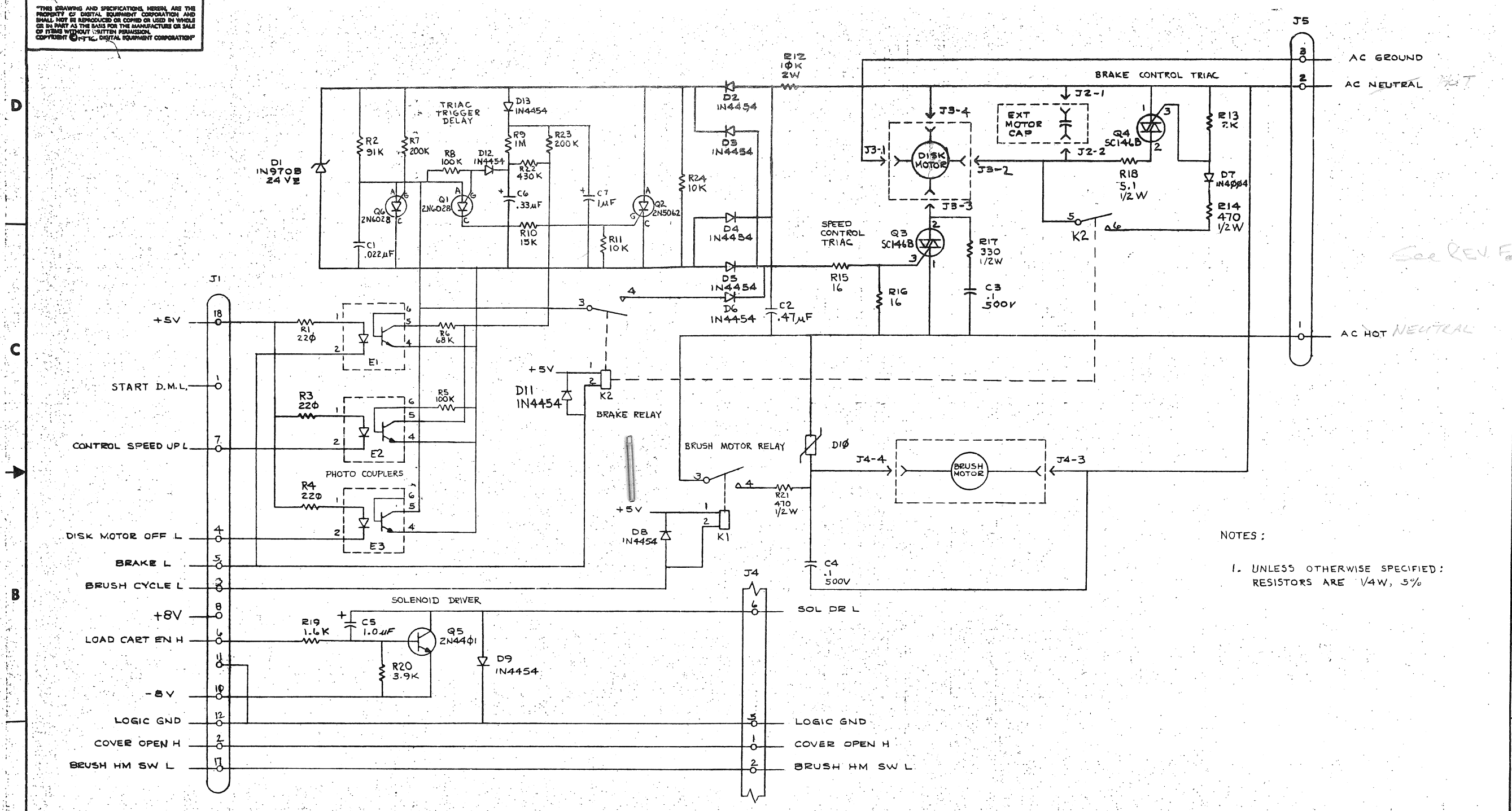
DRN. <i>4</i>	CHK'D <i>B. Burdell</i>	27 FEB 76	FIRST USED ON	<i>digital</i>
ENG. <i>B. Burdell</i>	3-11-77		TITLE	FRONT PANEL
PROJ. ENG. <i>AT</i>	3-10-77			
PROD. <i>AT</i>				
NEXT HIGHER ASSY.			SIZE CODE	NUMBER
			D CS	5411846-0-1
SCALE			DIST.	REV.
SHEET			OF	D

DIGITAL EQUIPMENT CORPORATION				QUANTITY / VARIATION										NOTES:					
PARTS LIST																			
MADE BY STEVE MARLOW		CHECKED PHYLLIS BURNELL		SECTION		5411846-0-0													
DATE 7 APRIL 1976		DATE 10 January 1977																	
ENG <i>Steve Marlow</i>		PROD <i>Phyllis Burnell</i>		ISSUED SECTION															
DATE 3-7-77		DATE																	
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION													REF DESIGNATION			
1	D-MD-5011845-0-0	5011845	ETCH BOARD	1															
2		1209941-05	CONNECTOR, 10 PIN BERG	1													J1		
3		1209941-04	CONNECTOR LATCH - LEFT	1															
4		1209941-03	CONNECTOR LATCH - RIGHT	1															
5		1212690-01	SWITCH, DRIVE SELECT	1													S3		
6		1212691-00	SWITCH CAP, DRIVE SELECT UNIT 0	1													S3		
7		1212714-05	SWITCH CAP, LOAD	1													S1		
8		1212714-01	SWITCH CAP, WRITE PROTECT	1													S2		
9		1212714-02	SWITCH CAP, FAULT	1													S4		
10		1212715-01	INDICATOR, FAULT	1													S4		
11		1212717-01	SWITCH, PB MAINTAINED	2													S1, S2		
12		1212716-01	BULB, 14V	4															
13		1213188-01	SWITCH MOUNTING BRACKET, 4 POS.	1															
14		1300365	RESISTOR, 1K, 1/4W, 5%	1													R1		
15		9006732	EYELET, GS4-7	2															
16		9107560-01	BUSS WIRE, JUMPER	2													W1, W2		
17		9006655	WASHER	2															
E.C.O. NO.																			
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EN 01140A-16-R276(325)				DRB 125				SHEET 1 OF 1				INSERTION PARTS LIST DATA BASE REV							



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CS 5411848-0-1



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

REV.	CHANGE NO.	DESCRIPTION
1	1	RELEASED AT REV C EQUAL TO C1 RUS FIELD SERVICE AND TATION
2	2	5411848-001
3	3	PHYLIS BURNELL
4	4	G. REICHENBERG
5	5	5411848-002
6	6	P. BURNELL
7	7	P. BURNELL

DRN. 0.11/14/76	FIRST USED ON	RLO1	digital
CHK'D 2.8/14/77	ENG. 1.14/77	PROJ. ENG. 1.14/77	PROD. 1.14/77
TITLE AC SERVO			
NEXT HIGHER ASSY.			
D-UA-5411848-0-0	SIZE	CODE	NUMBER
SCALE 1/1	D	CS	5411848-0-1
SHEET 1	OF 1	DIST.	REV. E

DIGITAL EQUIPMENT CORPORATION				QUANTITY / VARIATION										NOTES:			
PARTS LIST														USED ON OPTION/MODEL RL01			
MADE BY H. RICHER		CHECKED PHYLLIS BURNELL		SECTION													
DATE 23 March 1976		DATE 10 January 1977															
ENG <i>PJ</i>		PROD <i>D. Le Sage</i>		ISSUED SECTION													
DATE 6/7/77		DATE 6/7/77															
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	5411848-0-0												REF DESIGNATION	
1	D-MD-5011847-0-0	5011847	ETCH BOARD	1													
2		1011683-00	CAPACITOR .022uf 50V CER	1												C1	
3		1012312-01	CAPACITOR .47uf 50V CER	1												C2	
4		1013682-00	CAPACITOR .1uf 500V CER	2												C3, C4	
5		1001776-00	CAPACITOR 1.0uf 35V S.TANT	2												C5, C7	
6		1110856-00	DIODE 1N970B	1												D1	
7		1111577-00	DIODE 1N4454	10												D2, D3, D4, D5, D6, D8, D9, D11, D12, D13	
8		1105796-00	DIODE 1N4004	1												D7	
9		1510727-01	IC, (OPTICAL ISOLATOR)	3												E1, E2, E3	
10		1213917-00	RELAY, DPDT, CASE B3	1												K2	
11		1213915-00	RELAY, SPDT, CASE B1	1												K1	
12		1110997-00	VARISTOR 130V	1												D10	
13		1209941-06	CONNECTOR 20 PIN BERG	1												J1	
14		1213922-00	CONNECTOR 2 PIN	1												J2	
15		1213922-01	CONNECTOR 3 PIN	1												J5	
16		1213922-03	CONNECTOR 4 PIN	1												J3	
17		1213922-04	CONNECTOR 6 PIN	1												J4	
18		1300315-00	RESISTOR 470 OHM 1/2W 5% CC	2												R14, R21	
19		1300271-00	RESISTOR 220 OHM 1/4W 5% CC	3												R1, 3, R4	
20		1311220-00	RESISTOR 5.1 OHM 1/2W 5% CC	1												R18	
21		1301327-00	RESISTOR 68K 1/4W 5% CC	1												R6	
22		1302466-00	RESISTOR 100K 1/4W 5% CC	2												R9, R5	
23		1300444-00	RESISTOR 3.9K 1/4W 5% CC	1												R20	
24		1314516-00	RESISTOR 200K 1/4W 5% CC	2												R7, R23	
25		1300496-00	RESISTOR 15K 1/4W 5% CC	1												R10	
26		1300479-00	RESISTOR 10K 1/4W 5% CC	2												R11, R24	
27		1300482-00	RESISTOR 10K 2W 10% CC	1												R12	
28		1312927-00	RESISTOR 16 OHM 1/4W 5% CC	2												R15, R16	
E.C.O. NO. RELEASED AT REV C EQUAL TO RI PLUS F.S. ANN-OTATION ON CS																	
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AC SERVO																	
ASSY NO. D-UA-5411848-0-0																	
SHEET 1 OF 2																	
SIZE B CODE PL NUMBER 5411848-0-0 REV. E																	
INSERTION PARTS LIST DATA BASE REV A																	

PARTS LIST

NOTES:

USED ON OPTION/MODEL RL01

SECTION

DATE 10 January 1977

PROD

DATE D. 4 page 6/11/11

ISSUED SECTION

DATE *D. Le Sage 6/11/11*

DESCRIPTION

5411848-0-0

REF	DESIGNATION
1	10-6789-1
2	10-6789-2
3	10-6789-3
4	10-6789-4
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100	10-6789-100

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C6

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B2

E.C.O. NO.

T
TITLE

AC SERVO

D-UA-5411848-0-0

SHEET 2 OF 2

NUMBER
5411848-0-0

REV.
E

INSERTION PARTS LIST DATA BASE REV

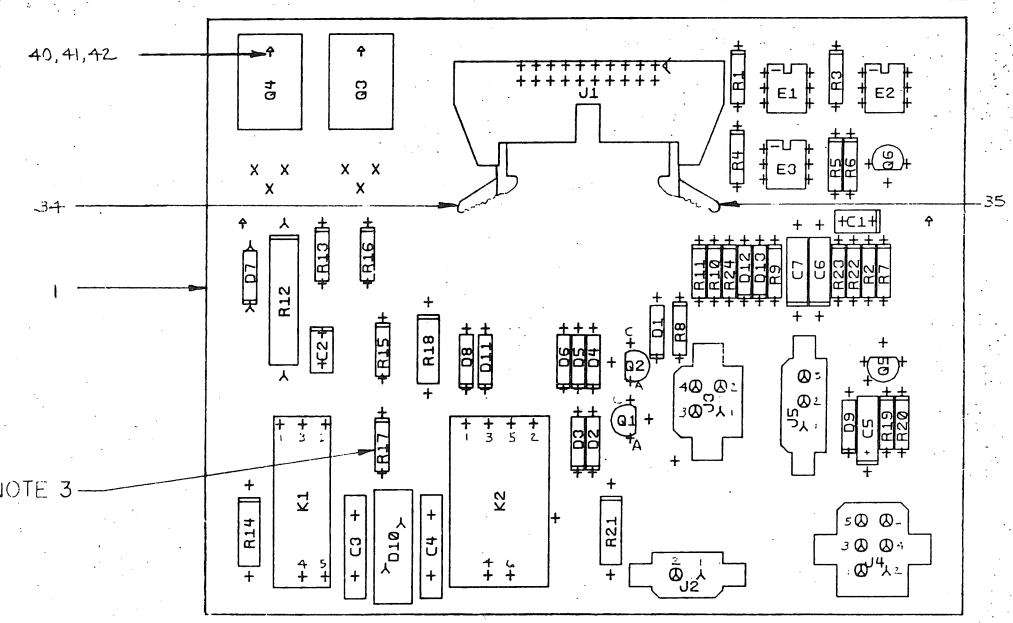
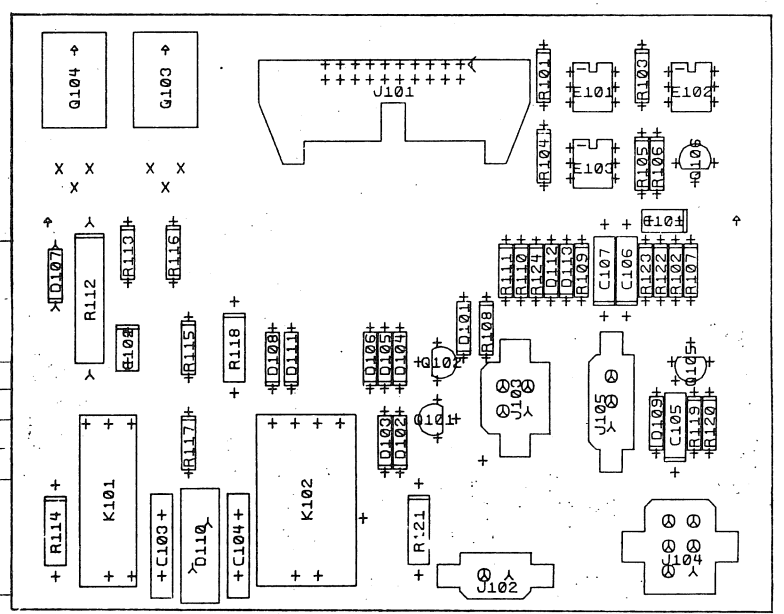
EN-01140A-16-R276(325)

DRB 125

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COMPONENT SIDE VIEW

ACTUAL REF DESIGNATOR	SUPERFICIAL REF DESIGNATORS
C1,C2,C3,C4,C5,C6,C7	C101,C102,C103,C104,C105,C106,C107
D1,D2,D3,D4,D5,D6,D7,D8,D9,D10	D101,D102,D103,D104,D105,D106,D107,D108,D109,D110,D111,D112,D113
E1,E2,E3	E101,E102,E103
K1,K2,K3	K101,K102,K103
J1,J2,J3,J4,J5	J101,J102,J103,J104,J105
Q1,Q2,Q3,Q4,Q5,Q6	Q101,Q102,Q103,Q104,Q105,Q106
R1,R2,R3,R4,R5,R6,R7,R8,R9,R10	R101,R102,R103,R104,R105,R106,R107,R108,R109,R110,R111,R112,R113,R114,R115,R116,R117,R118,R119,R120,R121,R122



- NOTES:
- 8 HOLES .0465 (+.000-.0045) MAYNARD ONLY
 2. APPROPRIATE PLACEMENT
 - REWORK INSTRUCTIONS:
 1. REMOVE R17 (330Ω 1/4W, 5%)
 2. INSTALL R17 (330Ω 1/4W, 5%)

CHK/CHANGE NO	REV	DATE	BY	APP
1	1			
2	1			
3	1			
4	1			
5	1			
6	1			
7	1			
8	1			
9	1			
10	1			
11	1			
12	1			
13	1			
14	1			
15	1			
16	1			
17	1			
18	1			
19	1			
20	1			
21	1			
22	1			

ETCH REV.	E-2
P.C. DESIGN DATA BASE REV.	E-2

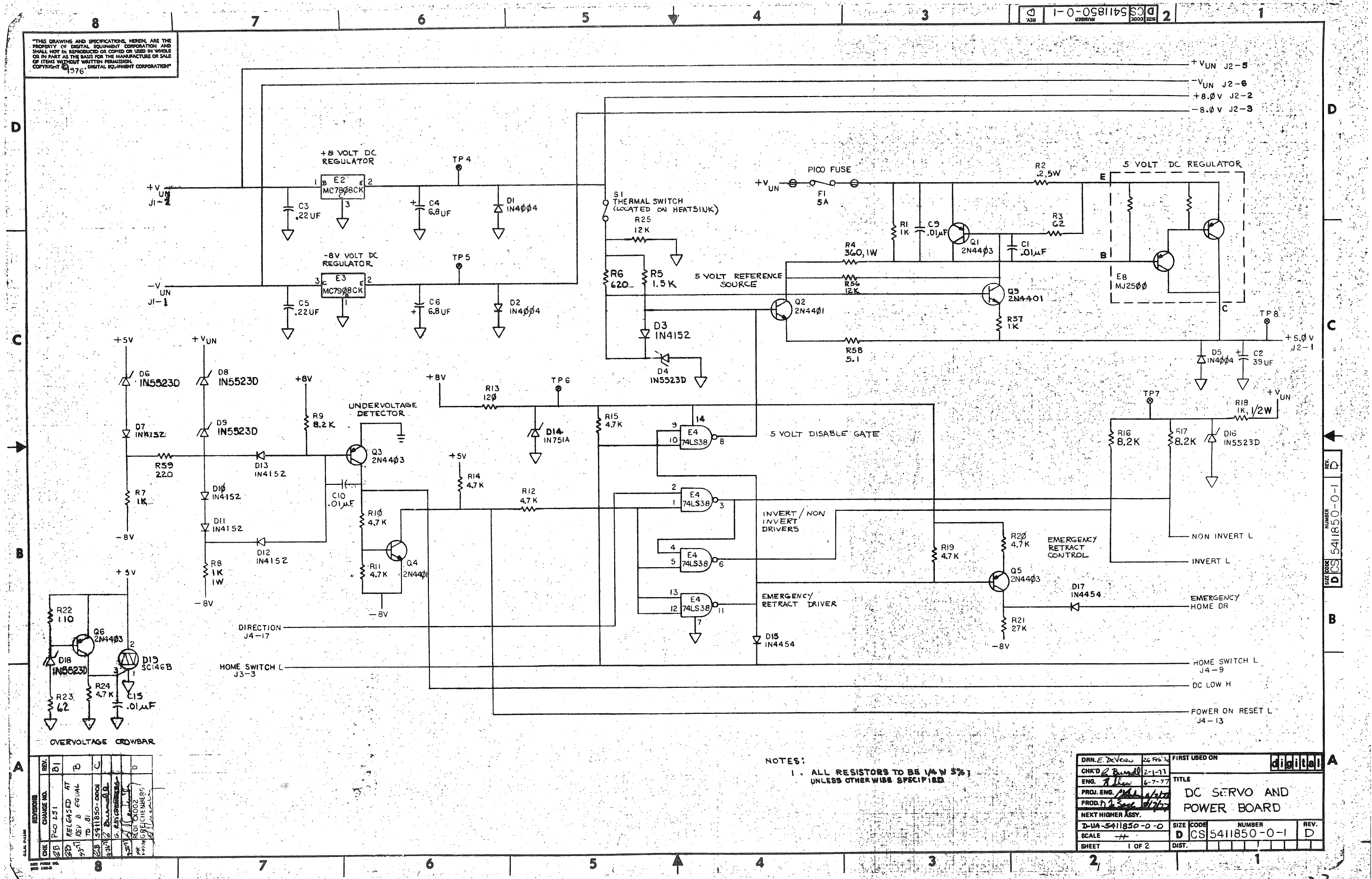
SIGNATURES	DATE	TITLE
DRN.		
CHK'D.		
ENG.		
PROJ. ENG.		
PROD.		
SCALE	2"	
SHT.	1 OF 3	
NEXT HIGHER ASSY.	B-DD-54112-13-0	

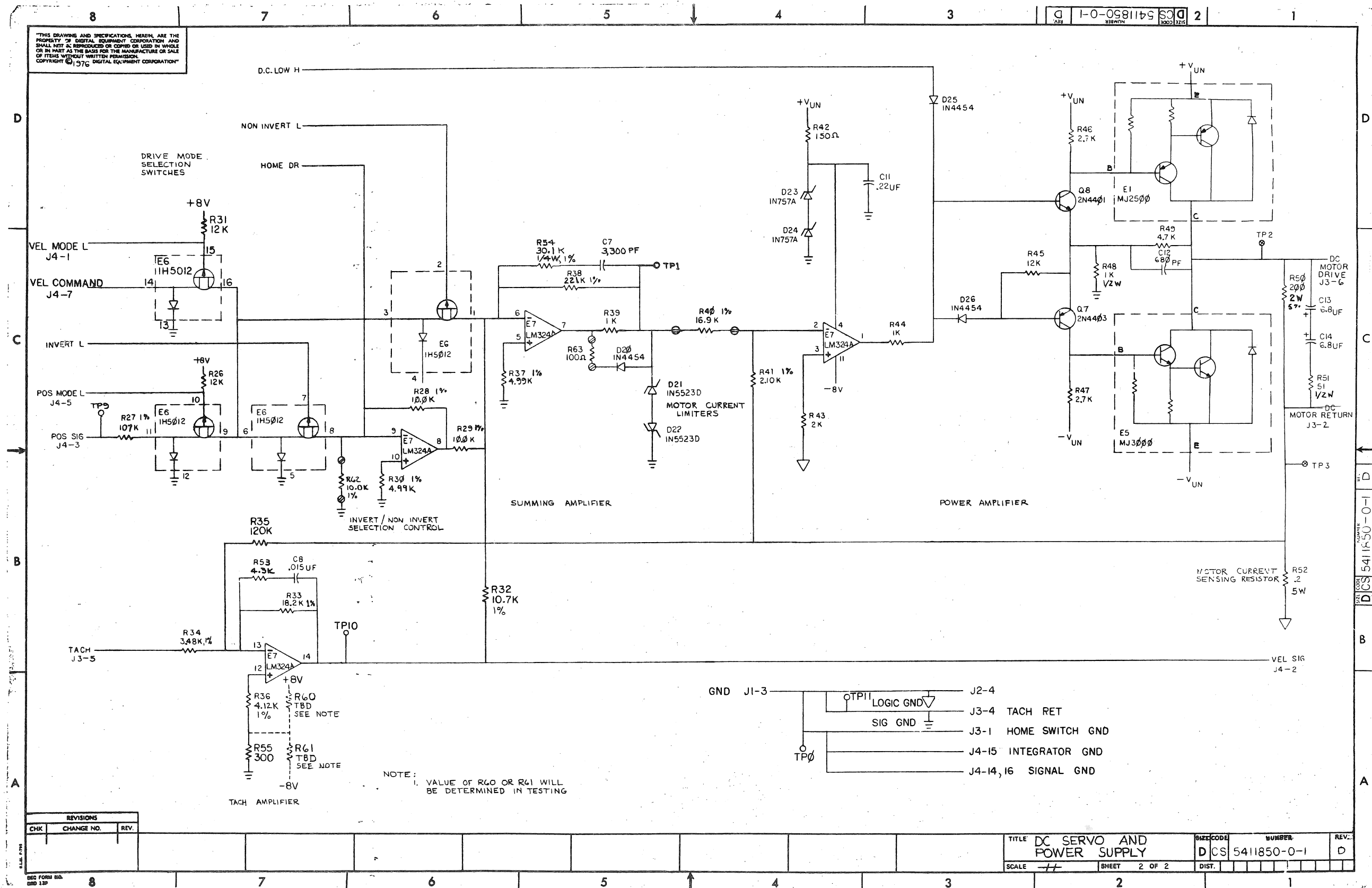
SIZE	CODE	NUMBER	REV
D	UA	54112-13-0	E

digital

SERV

MS#250205

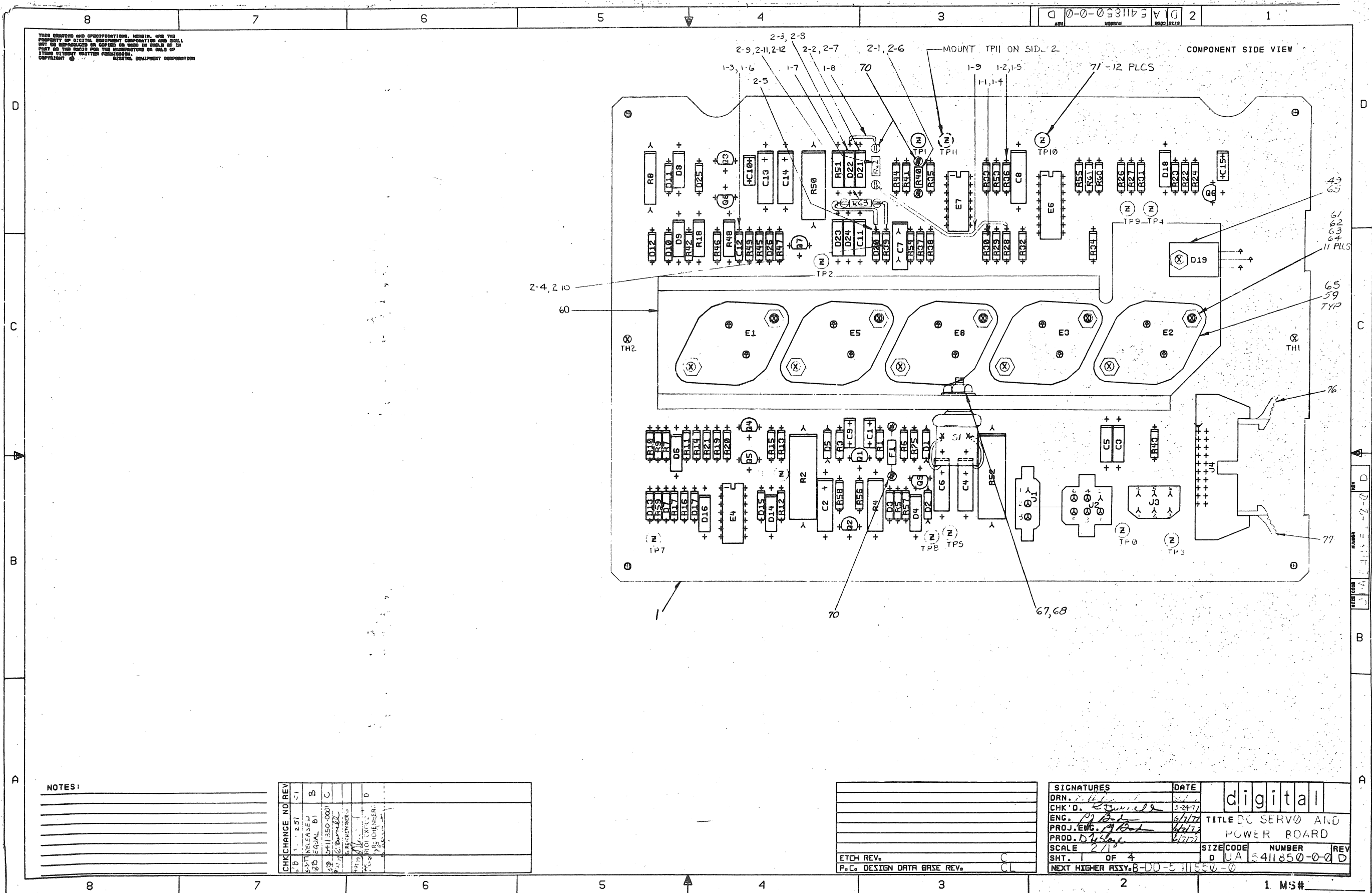




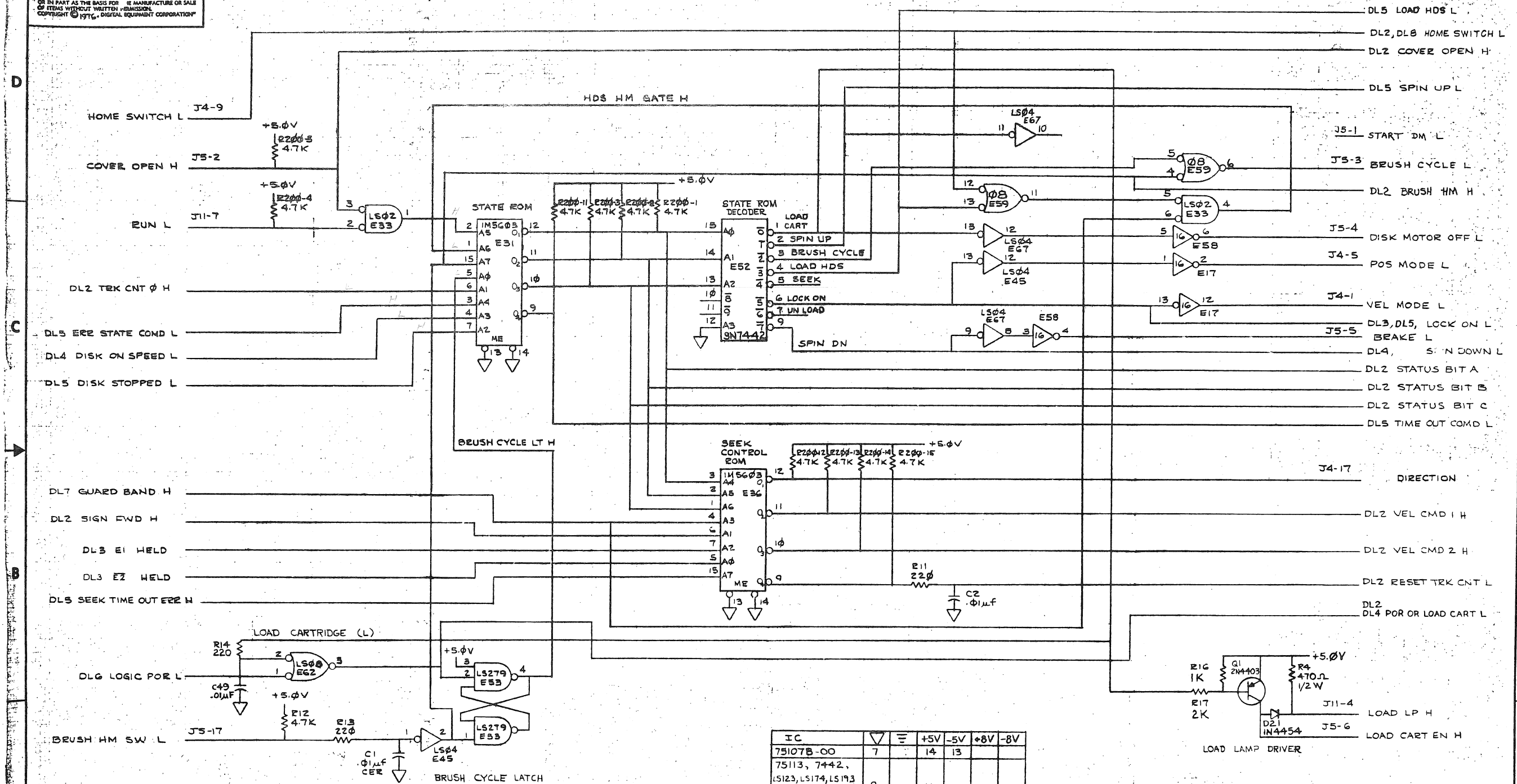
DIGITAL EQUIPMENT CORPORATION				QUANTITY / VARIATION										NOTES:											
PARTS LIST														1. R60 + R61 not included on PL. Value will be determined in testing.											
MADE BY SCOTT STEVENS		CHECKED <i>E. Y. Burnell</i>		SECTION																					
DATE 10 Jun 76		DATE 2-9-77																							
ENG <i>of B. A.</i>		PROD <i>D. A. Sage</i>		ISSUED SECTION																					
DATE 6/7/77		DATE 6-7-77																							
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	5411850-0-0												REF DESIGNATION									
1	D-MD-5011850-0-0	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, R14, R57, R69									
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, R17									
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. <i>REC 251</i> <i>-B1-</i> RELEASED AT B EQUAL B1 P0001C P. Burnell E. Reichen- berg CALC Q2 ID OK 3-30-78 S. R. ITHENBERG				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 © 1977 DIGITAL EQUIPMENT CORPORATION										TITLE DC. SERVO AND POWER BOARD		ASSY NO. D-UA-5411850-0-0		SIZE B		CODE PL		NUMBER 5411850-0-0		REV. D	
EN 01140A-16-R276(325)				DRB 125										SHEET 1 OF 3		INSERTION PARTS LIST DATA BASE REV									

DIGITAL EQUIPMENT CORPORATION				QUANTITY / VARIATION										NOTES:					
PARTS LIST																			
MADE BY SCOTT STEVENS		CHECKED <i>y Bunnell</i>		SECTION															
DATE 10 Jun 77		DATE 2-9-77																	
ENG <i>[Signature]</i>		PROD <i>D [Signature]</i>		ISSUED SECTION															
DATE 6/7/77		DATE 8-7-77																	
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	5411850-0-0												REF DESIGNATION			
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)	1												D4, D6, D8, D9, D18, D16, D21, D22			
44		1109990-00	DIODE, 1N757A, (D07)	2												D23, D24			
45		1110994-00	DIODE, 1N751A, (D07)													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, 1N5012, (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			
ECO. NO.																			
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								SHEET 2 OF 3				INSERTION PARTS LIST DATA BASE REF.							

DIGITAL EQUIPMENT CORPORATION				QUANTITY / VARIATION										NOTES:					
PARTS LIST																			
MADE BY SCOTT STEVENS		CHECKED <i>E. Y. Burnelle</i>		SECTION															
DATE 10 Jun 76		DATE 2-9-77																	
ENG <i>[Signature]</i>		PROD		ISSUED SECTION															
DATE 6/7/77		DATE 6-7-77																	
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	5411850-0-0												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	2												(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, 4.99K, 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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				SHEET 3 OF 3				INSERTION PARTS LIST DATA BASE REV											



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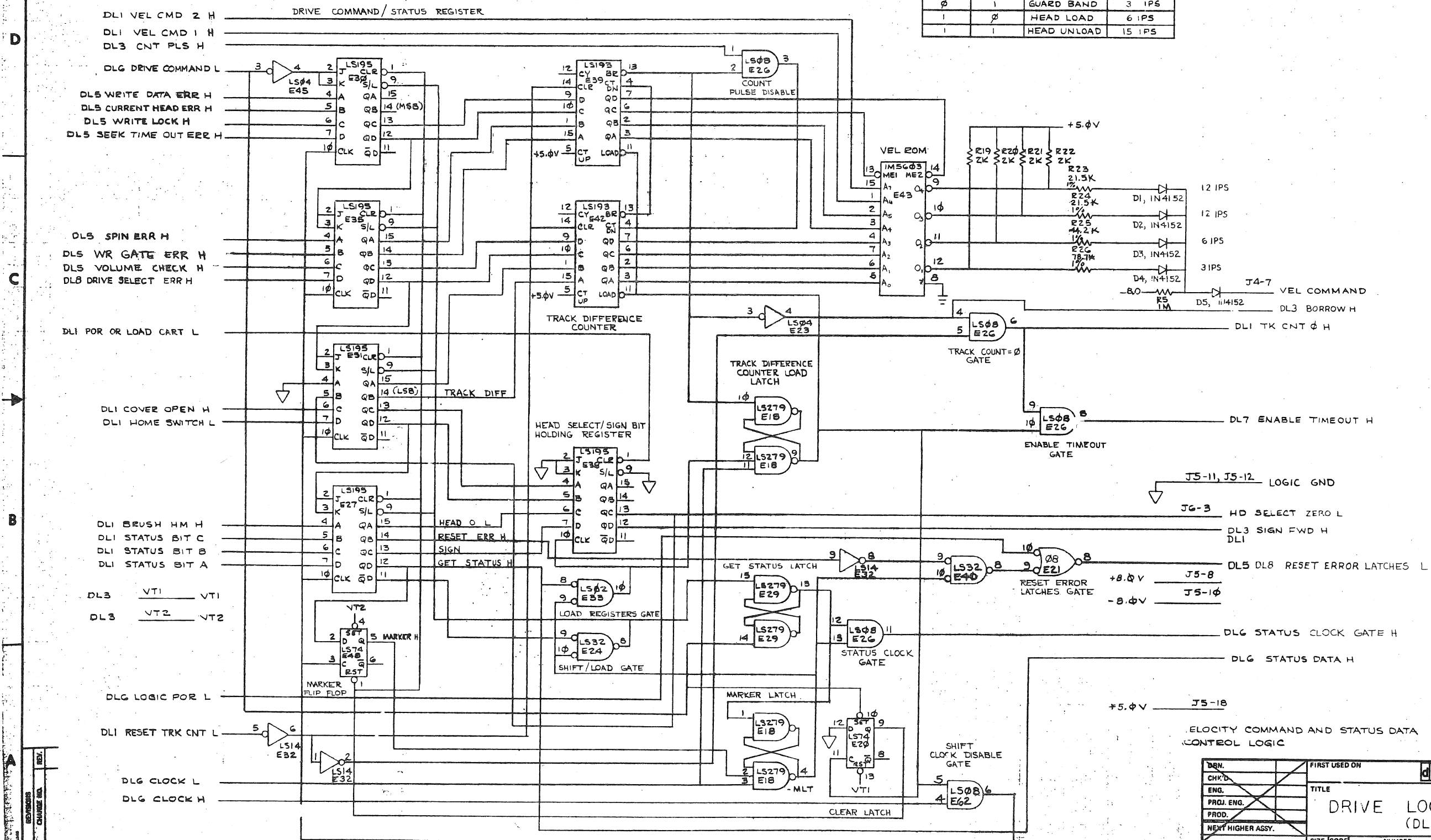


IC			+5V	-5V	+8V	-8V
75107B-00	7		14	13		
75113, 7442, LS123, LS174, LS193 LS195, LS279, E31, E36, E43	8		16			
324					4	11
E43 (ROM)		8	16			
UNSPECIFIED	7		14			
E8 (339)	12				3	
E34 (339)					3	12
E61 (339)		12			3	

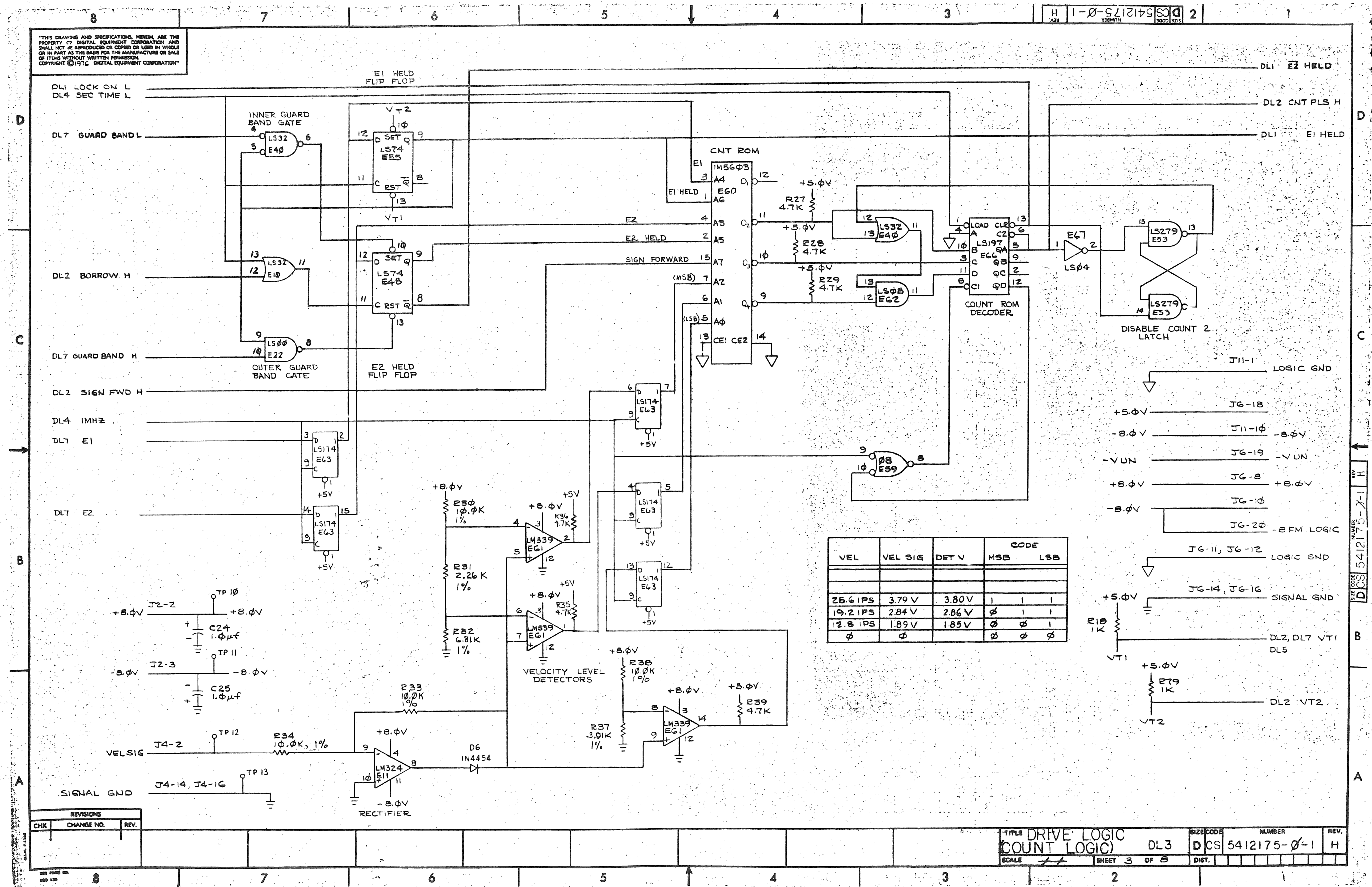
DRN. REWARD DFE 4-76	FIRST USED ON	digital
CHK'D 28-10-77	RLD	
ENG. A. J. 6-15-77	TITLE	DRIVE LOGIC (STATE CONTROL LOGIC) (DL1)
PROJ. ENG. 6-15-77	SIZE CODE	D
PROD. 6-15-77	NUMBER	5412175-0-1
NEXT HIGHER ASSY.	DIST.	
B.D.D. 5412175-0	SCALE	1 OF 8
SHEET 1	REV.	H

REV.	DATE	BY	CHKD.	APP.
1	6-15-77	A. J.		
2	6-15-77	A. J.		
3	6-15-77	A. J.		
4	6-15-77	A. J.		
5	6-15-77	A. J.		
6	6-15-77	A. J.		
7	6-15-77	A. J.		
8	6-15-77	A. J.		
9	6-15-77	A. J.		
10	6-15-77	A. J.		

DIN.		FIRST USED ON		digit	
CHK'D		TITLE		DRIVE LOGIC	
ENG.				(DL2)	
PROJ. ENG.					
PROD.					
NEXT HIGHER ASSY.					
SCALE $\frac{1}{4}$		SIZE CODE		NUMBER	
SHEET 2 OF 8		D CS		5412175-0-1	
		DIST.		REV. H	



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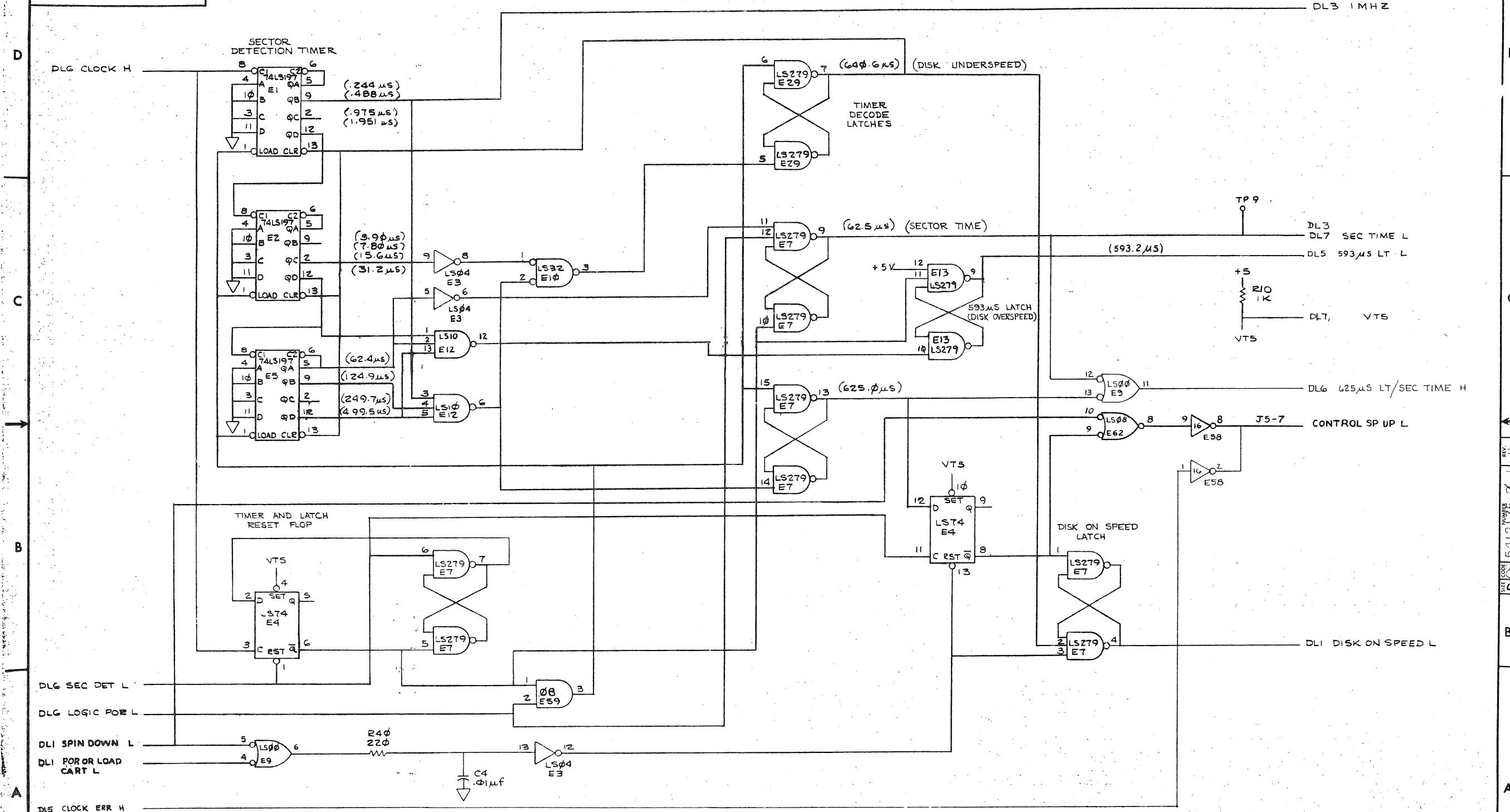


REVISIONS		
CHK	CHANGE NO.	REV.

TITLE DRIVE LOGIC (COUNT LOGIC) DL3 SIZE CODE DCS NUMBER 5412175-0-1 REV. H

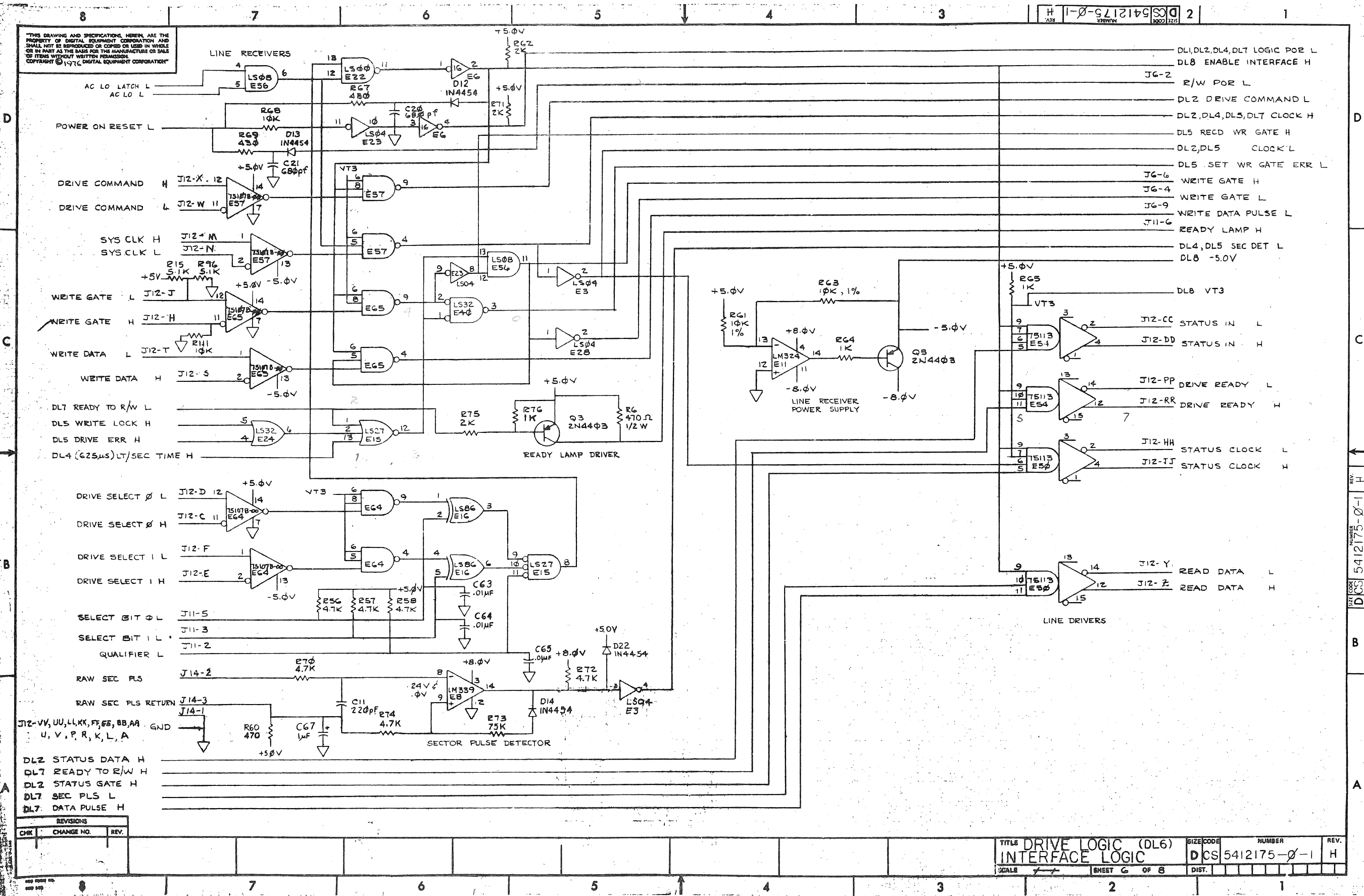
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5412175-0-1 2

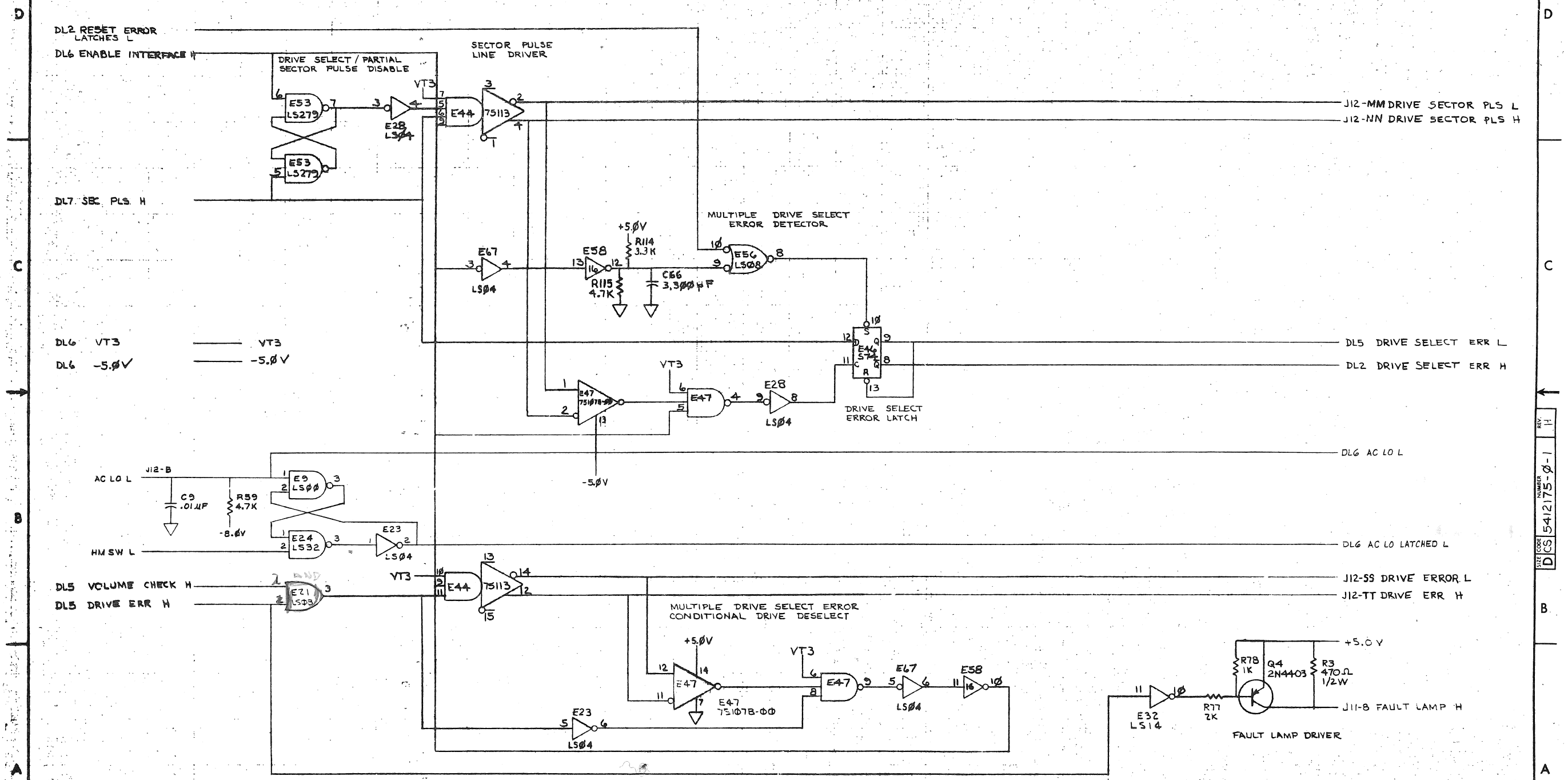


REVISIONS		
CHK	CHANGE NO.	REV.

TITLE DRIVE LOGIC (DL4) DISK SPEED CONTROL
 SIZE CODE DCS 5412175-0-1
 NUMBER H
 SHEET 4 OF 8
 DIST.



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REVISIONS		
CHK	CHANGE NO.	REV.

DIGITAL EQUIPMENT CORPORATION				QUANTITY / VARIATION										NOTES:							
PARTS LIST														1. R116, R117, R118 and R119 are not on PL- value determined in testing.							
MADE BY R. HILL		CHECKED <i>Burnell</i>		SECTION																	
DATE 7 April 76		DATE 2-24-77																			
ENG		PROD		ISSUED SECTION																	
DATE		DATE																			
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	5412175-0-0												REF DESIGNATION					
1	D-MD-5011851-0-0	5011851	ETCHED BOARD	1																	
2		1012784-00	CAPACITOR .047 uF 50V CER AX	7												C50,C51,C52,C53,C54,C55,C56					
3		1001610-00	CAPACITOR .01 uF 50V CER AX	34												C1,C2,C3,C4,C9,C10,C22,C26 thru C49,C63,C64,C65					
4		1000076-00	CAPACITOR 39 uF 10% 10V TANT	2												C7,C23					
5		1012783-00	CAPACITOR .022 uF 50V CER AX	6												C57,C58,C59,C60,C61,C62					
6		1010978-32	CAPACITOR .047 uF 10% 100V CER MONO	1												C13					
7		1004812-00	CAPACITOR 15 uF 10% 20V TANT	1												C6					
8																					
9		1005784-00	CAPACITOR .01 uF 10% 100V MYLAR	1												C18					
10		1001776-00	CAPACITOR 1.00 uF 10% 35V TANT	5												C19,C24,C25,C67, C8					
11		1013466-11	CAPACITOR .22 uF 50V CER AX	2												C15,C17					
12		1013466-09	CAPACITOR 1,000 PF 10% 50V CER AX	1												C5					
13		1013466-07	CAPACITOR 220 PF 5% 50V CER AX	1												C11					
14		1013466-10	CAPACITOR 3,300 PF 5% 50V CER AX	4												C12,C14,C16,C66					
15		1013466-08	CAPACITOR 680 PF 10% 50V CER AX	2												C20,C21					
16		1113953-00	DIODE 1N5523D	1												D20					
17		1111577-00	DIODE 1N4454	16												D6 thru D19,D21,D22					
18		1209941-03	LATCH, CONNECTOR, LEFT	4												(J4,J5,J6,J11)					
19		1209941-04	LATCH, CONNECTOR, RIGHT	4												(J4,J5,J6,J11)					
20		1209941-05	CONNECTOR BERG 10 PIN	1												J11					
21		1209941-06	CONNECTOR BERG 20 PIN	3												J4,J5,J6					
22		1209941-02	CONNECTOR BERG 40 PIN	1												J12					
23		1213922-02	CONNECTOR MR 3 PIN HEADER	1												J14					
24		1213922-04	CONNECTOR MR 6 PIN HEADER	1												J2					
25		1300005-07	RESISTOR NETWORK 16 PIN 4.7K	1												R200					
26		1300229-00	RESISTOR 100 OHM 1/4W 5%	1												R88					
27		1300271-00	RESISTOR 220 OHM 1/4W 5%	4												R11,R13,R14,R40					
28		1300316-00	RESISTOR 470 OHM 1/4W 5%	1												R60					
ECP NO. 15 JUN 77 EQUAL TO REV C2				P BURNELL												K EICHENBERG					
00001 D				00002 E												00004 F					
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EN 01140A-16-R276(325)				DRB 125												SHEET 1 OF 4		INSERTION PARTS LIST DATA BASE REV			

DIGITAL EQUIPMENT CORPORATION				QUANTITY / VARIATION												NOTES:			
PARTS LIST																			
MADE BY R. HILL		CHECKED <i>R. Hill</i>		SECTION															
DATE 7 April 76		DATE 2-24-77																	
ENG		PROD		ISSUED SECTION															
DATE		DATE																	
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	5412175-0-0													REF DESIGNATION		
29		1300365-00	RESISTOR 1K 1/4W 5%	14													R9, R10, R16, R18, R44, R47, R50, R55, R64, R65, R76		
30		1300439-00	RESISTOR 3.3K 1/4W 5%	3													R89, R112, R114		
31		1314041-00	RESISTOR 10K 1/4W 5%	5													R52, R68, R99, R101, R111		
32		1302676-00	RESISTOR 3.0 K 1/4W 1%	1													R37		
33		1311594-00	RESISTOR 30.1K 1/4W 1%	2													R92, R94		
34		1304841-00	RESISTOR 75K 1/4W 5%	1													R73		
35		1302388-00	RESISTOR 2K 1/4W 5%	14													R7, R8, R17, R19, R20, R21, R22, R54, R62, R71, R75		
36		1302394-00	RESISTOR 30K 1/4W 5%	1													R90		
37		1302466-00	RESISTOR 100K 1/4W 5%	1													R110		
38		1302514-00	RESISTOR 39K 1/4W 5%	2													R87, R108		
39		1312989-00	RESISTOR 17.8K 1/4W 1%	2													R97, R98		
40		1303047-00	RESISTOR 464 OHM 1/4W 1%	3													R81, R82, R105		
41		1310632-00	RESISTOR 2.37K 1/4W 1%	1													R103		
42		1303312-00	RESISTOR 10.0K 1/4W 1%	6													R30, R33, R34, R38, R61, R63		
43		1304693-00	RESISTOR 562 OHM 1/4W 1%	1													R102		
44		1305124-00	RESISTOR 287 OHM 1/4W 1%	2													R80, R83		
45		1309595-00	RESISTOR 1M 1/4W 5%	3													R5, R43, R46		
46		1303155-00	RESISTOR 21.5K 1/4W 1%	2													R23, R24		
47		1302871-00	RESISTOR 1.21 K 1/4W 1%	1													R85		
48		1314491-00	RESISTOR 1.02 K 1/4W 1%	1													R1,		
49		1312929-00	RESISTOR 62 OHM 1/4W 5%	2													R106, R107		
50		1312930-00	RESISTOR 5.1K 1/4W 5%	2													R15, R96		
51		1304870-00	RESISTOR 6.81K 1/4W 1%	1													R32		
52		1305266-00	RESISTOR 365K 1/4W 1%	2													R91, R93		
53		1313150-00	RESISTOR 430 OHM 1/4W 5%	2													R67, R69		
54		1304862-00	RESISTOR 1.62K 1/4W 1%	1													R104		
55		1314119-00	RESISTOR 44.2K 1/4W 1%	1													R25		
56		1313846-00	RESISTOR 2.26K 1/4W 1%	1													R31		
E.C.O. NO.																			
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				SHEET 2 OF 4				INSERTION PARTS LIST DATA BASE REV											

DIGITAL EQUIPMENT CORPORATION				QUANTITY / VARIATION										NOTES:					
PARTS LIST																			
MADE BY R. HILL		CHECKED <i>Burnell</i>		SECTION															
DATE 7 April 76		DATE 2-24-77																	
ENG		PROD		ISSUED SECTION															
DATE		DATE																	
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	5412175-0-0												REF DESIGNATION			
57		1314120-00	RESISTOR 78.7K 1/4W 1%	1												R26			
58		1300447-00	RESISTOR 4.7K 1/4W 5%	21												R12, R27, R28, R29, R35, R36, R39, R41, 45, R48, R51, R53			
59		1302666-00	RESISTOR 10M 1/4W 5%	1												R113 R56, R57, R58, R59, R66, R70, R72, R74, R115			
60		1313589-00	RESISTOR 1.40 K 1/4W 1%	1												R84			
61		1300315-00	RESISTOR 470 OHM 1/2W 5%	3												R3, R4, R6			
62		1513489-00	TRANSISTOR 2N4401	3												Q8, Q11, Q13			
63		1513490-00	TRANSISTOR 2N4403 <i>use 2N 3906</i>	11												Q1, Q2, Q3, Q4, Q5, Q6, Q7, Q9, Q10, Q12, Q14			
64		1513697-00	TRANSISTOR 2N5640 <i>sect 31 175</i>	1												Q15			
65		1913414-00	IC DEC LS14	1												E32			
66		1910155-00	IC DEC 7408	2												E59, E21			
67		1909928-00	IC DEC 7416	3												E6, E17, E58			
68		1910268-00	IC DEC 75107B-00	4												E47, E57, E64, E65			
69		1910536-00	IC DEC 74S10	1												E37			
70		1910544-00	IC DEC 74S74	1												E46			
71		1911341-00	IC DEC 75113	3												E44, E50, E54			
72		1912107-01	IC DEC LM324 AN	1												E11			
73		1912108-00	IC DEC 339	3												E8, E34, E61			
74		1912799-00	IC DEC LS00	2												E9, E22			
75		1912801-00	IC DEC LS02	1												E33			
76		1912803-00	IC DEC LS04	5												E3, E23, E28, E45, E67			
77		1912805-00	IC DEC LS08	3												E26, E56, E62			
78		1912807-00	IC DEC LS10	1												E12			
79		1912813-00	IC DEC LS27	1												E15			
80		1912816-00	IC DEC LS32	3												E10, E24, E40			
81		1910046-00	IC DEC 7442	1												E52			
82		1905547-00	IC DEC 7474	1												E14			
83		1912824-00	IC DEC LS74	6												E4, E19, E20, E48, E49, E55			
84		1912829-00	IC DEC LS86	1												E16			
ECO. NO.																			
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EN 01140A-16-R276(325) DRB 125				SHEET 3 OF 4				INSERTION PARTS LIST DATA BASE REV											

DIGITAL EQUIPMENT CORPORATION				QUANTITY / VARIATION												NOTES:			
PARTS LIST																			
MADE BY R. HILL		CHECKED <i>Burnell</i>		SECTION															
DATE 7 April 76		DATE 2-24-77																	
ENG		PROD		ISSUED SECTION															
DATE		DATE																	
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	5412175-0-0													REF DESIGNATION		
85		1912837-00	IC DEC LS123	1													E25		
86		1912854-00	IC DEC LS193	3													E39, E41, E42		
87		1912855-00	IC DEC LS195	5													E27, E30, E35, E38, E51		
88		1912857-00	IC DEC LS197	4													E1, E2, E5, E66		
89		1912864-00	IC DEC LS279	5													E7, E13, E18, E29, E53		
90		23445A2-00	ROM IM5603A (VELOCITY)	1													E43		
91		23371A2-00	ROM IM5603A (SEEK)	1													E36		
92		23368A2-00	ROM IM5603A (STATE)	1													E31		
93		23444A2-00	ROM IM5603A (COUNT)	1													E60		
94		1211813-00	SOCKET, (ROM) 16 PIN	4													(E31, E36, E43, E60)		
95		9007791-00	TERMINAL, TURRET	13													TP1 thru TP13		
96		1114117-00	DIODE 1N4152 (D035)	5													D1, D2, D3, D4, D5		
97		1303114-00	RESISTOR, 1,00K 1/4W1% mf	2													R2, R86		
98		9105740-55	WIRE, 30 AWG	AR															
99		1912697-00	IC DEC LS174	1													E63		
100		1312992-00	RESISTOR, 560K, 1/4W, 5%, CC	1													R49		
101		1302391-00	RESISTOR, 20K, 1/4W, 5%, CC	1													R42		
ECO. NO.																			
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				DRIVE LOGIC				D-UA-5412175-0-0				B		PL		5412175-0-0		F	
								SHEET 4 OF 4				INSERTION PARTS LIST DATA BASE REV							

