

DPC 245145

**INTERIM
SCHEMATICS PACKAGE
LINE PRINTER
MODEL B-300**

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Dataproducts

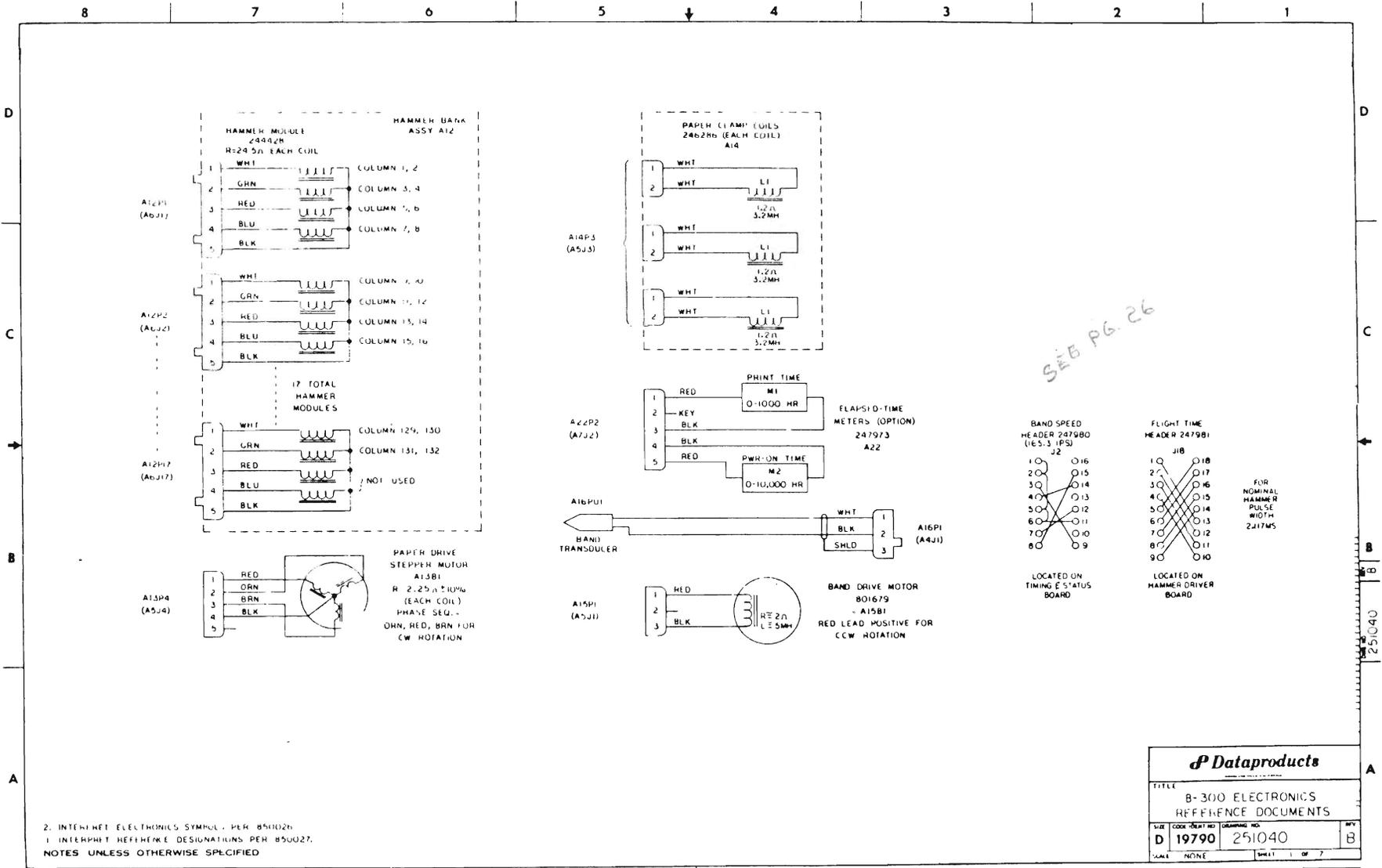
6215 DE SOTO AVENUE
WOODLAND HILLS, CALIFORNIA 91365

MICHAEL BAHIA

OCTOBER 1978

TABLE OF CONTENTS

<u>Figure No.</u>	<u>Title</u>	<u>Page No.</u>
1	B-300 Electronics Reference Documents	1
2	Interface Board	8
3	Processor Board	16
4	Timing and Status Board.....	25
5	Power Board.....	30
6	Hammer Driver Board	33
7	Motherboard	37
8	Control Panel	39
9	TCVPU Board.....	40
10	Domestic Power Supply.....	41
11	Domestic Rectifier Board.....	42
12	Universal Power Supply	43
13	Universal Rectifier Board	44
14	Capacitor Pack.....	46
15	I/O Harness (STD).....	47
16	I/O Harness - Optional.....	48
17	I/O Harness Longline (STD).....	49
18	I/O Harness Longline (OPT)	50



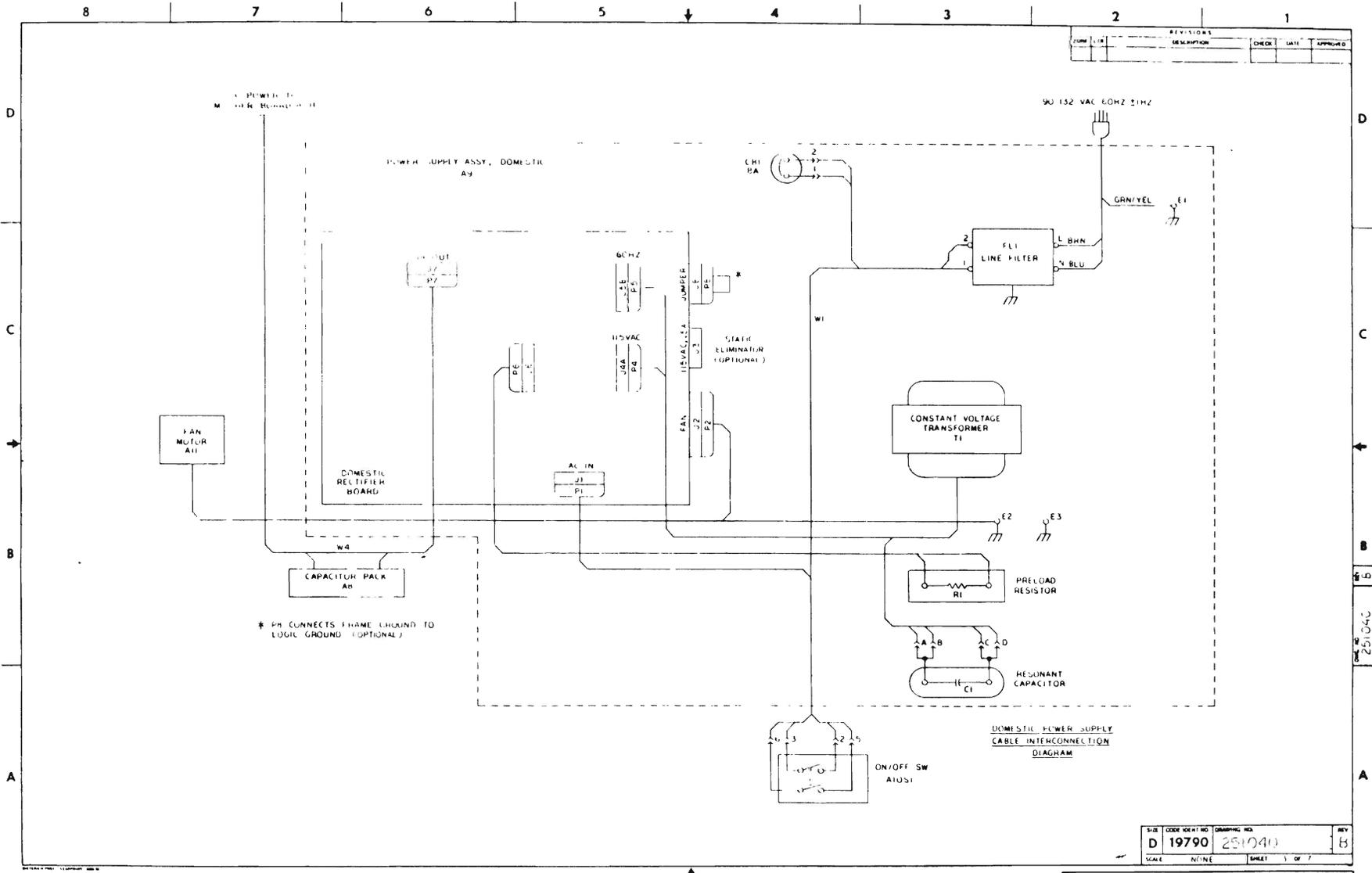
Dataproducts

TITLE
B-300 ELECTRONICS
REFERENCE DOCUMENTS

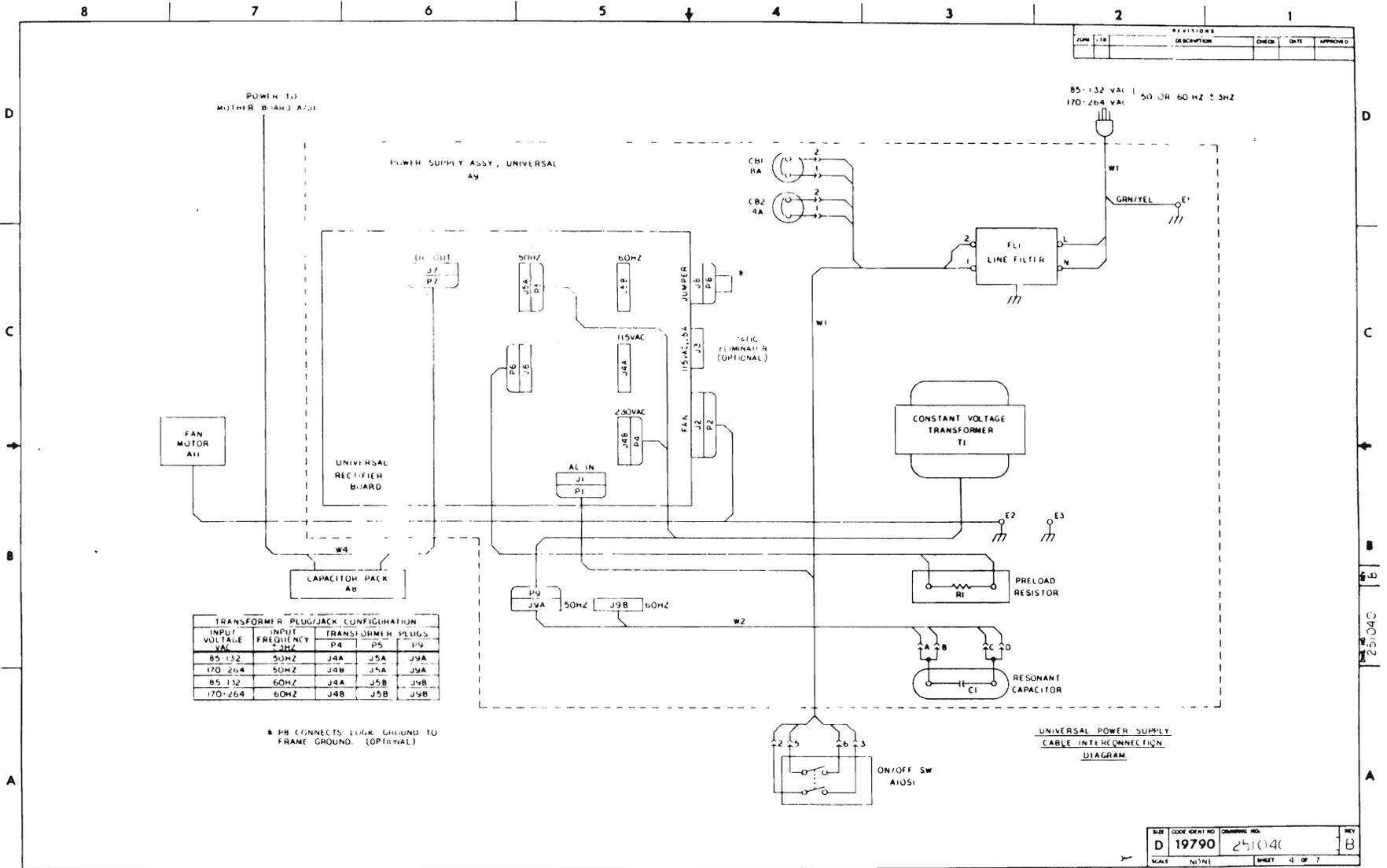
SIZE CODE PART NO. DRAWING NO. REV.
D 19790 251040 B

SCALE NONE SHEET 1 OF 7

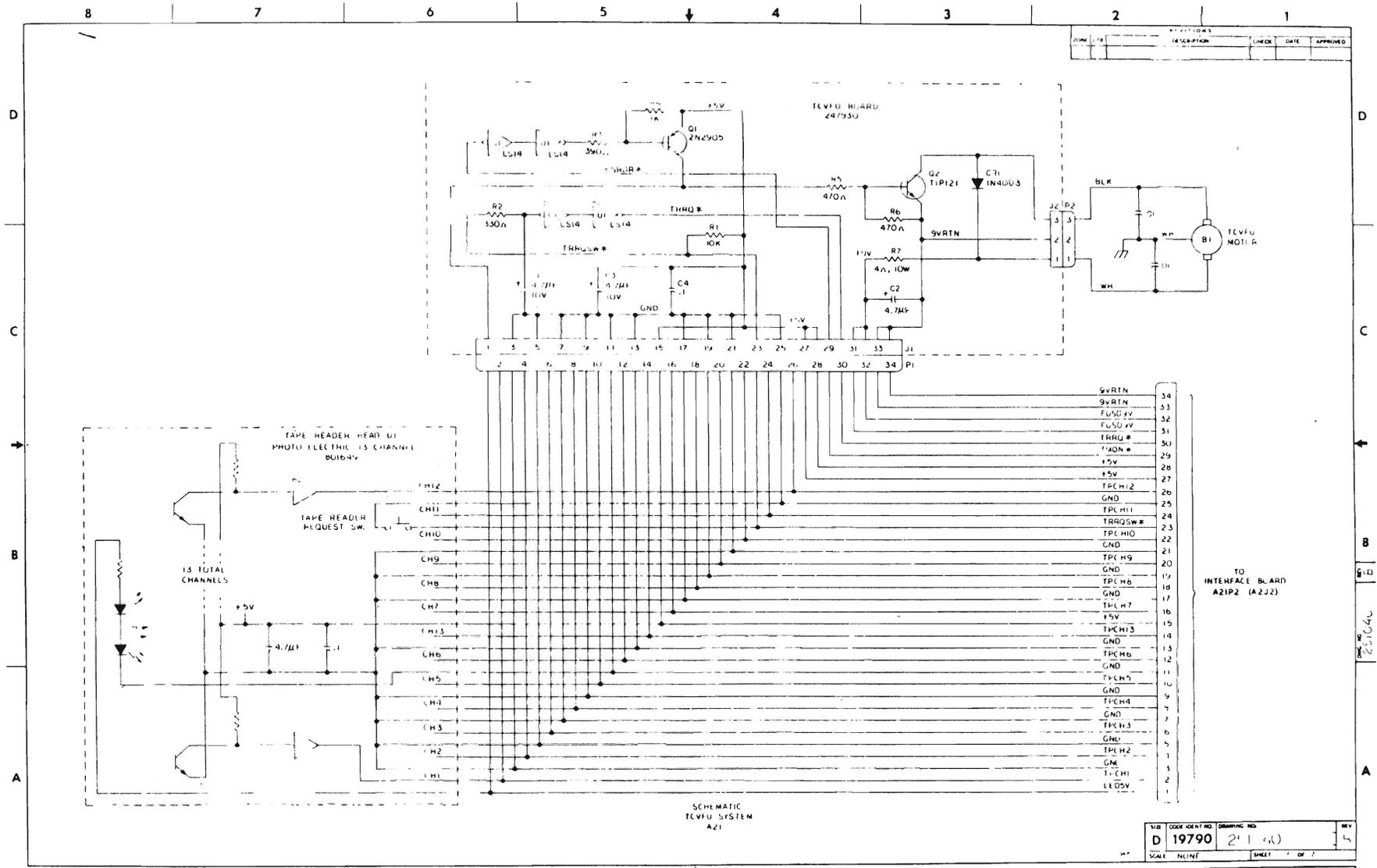
Model B-300
Interim Schematics Package
Figure 1 (SH 1 of 7)
B-300 Electronics
Reference Documents



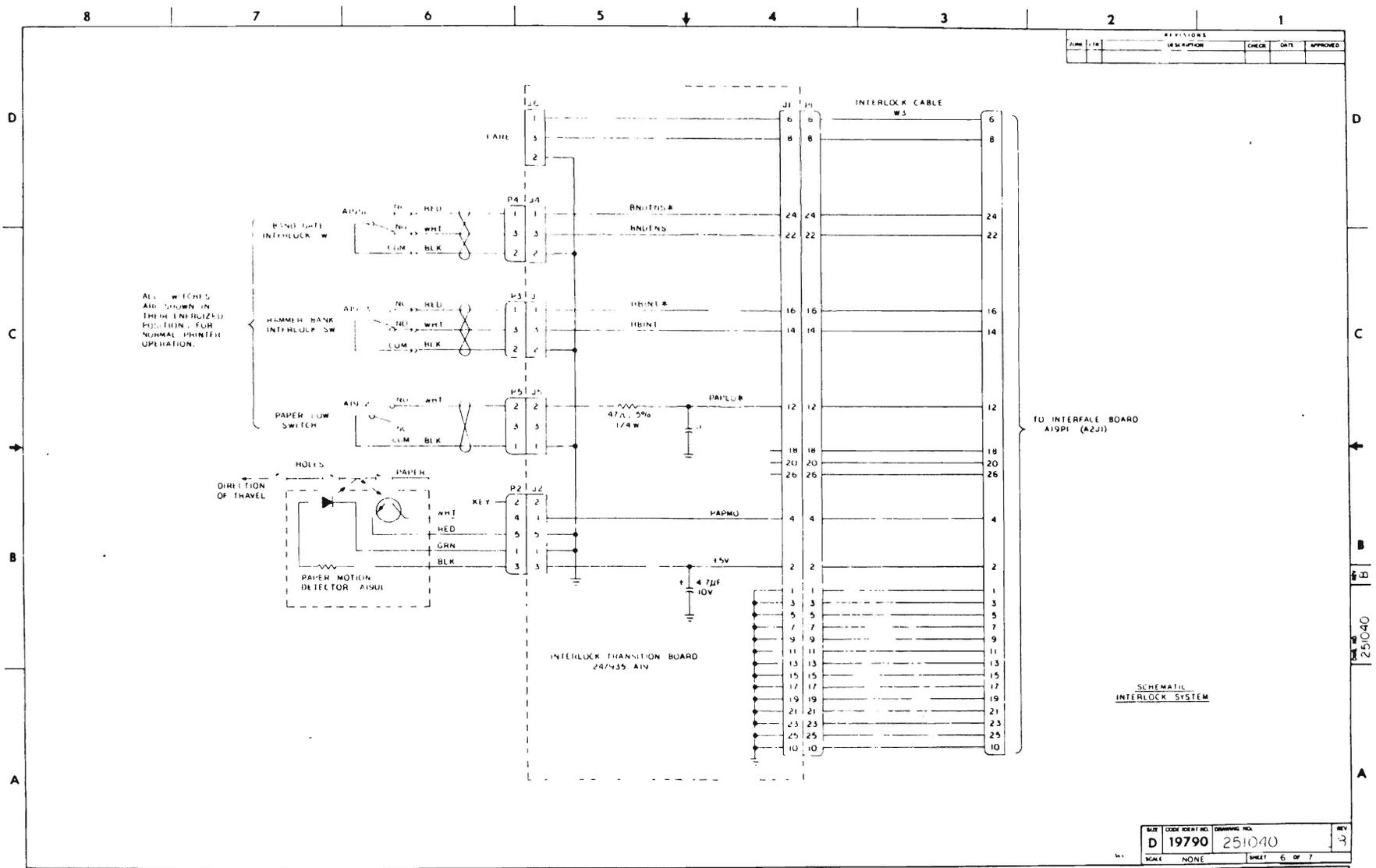
Model B-300
 Interim Schematics Package
 Figure 1 (SH 3 of 7)
 B-300 Electronics
 Reference Documents



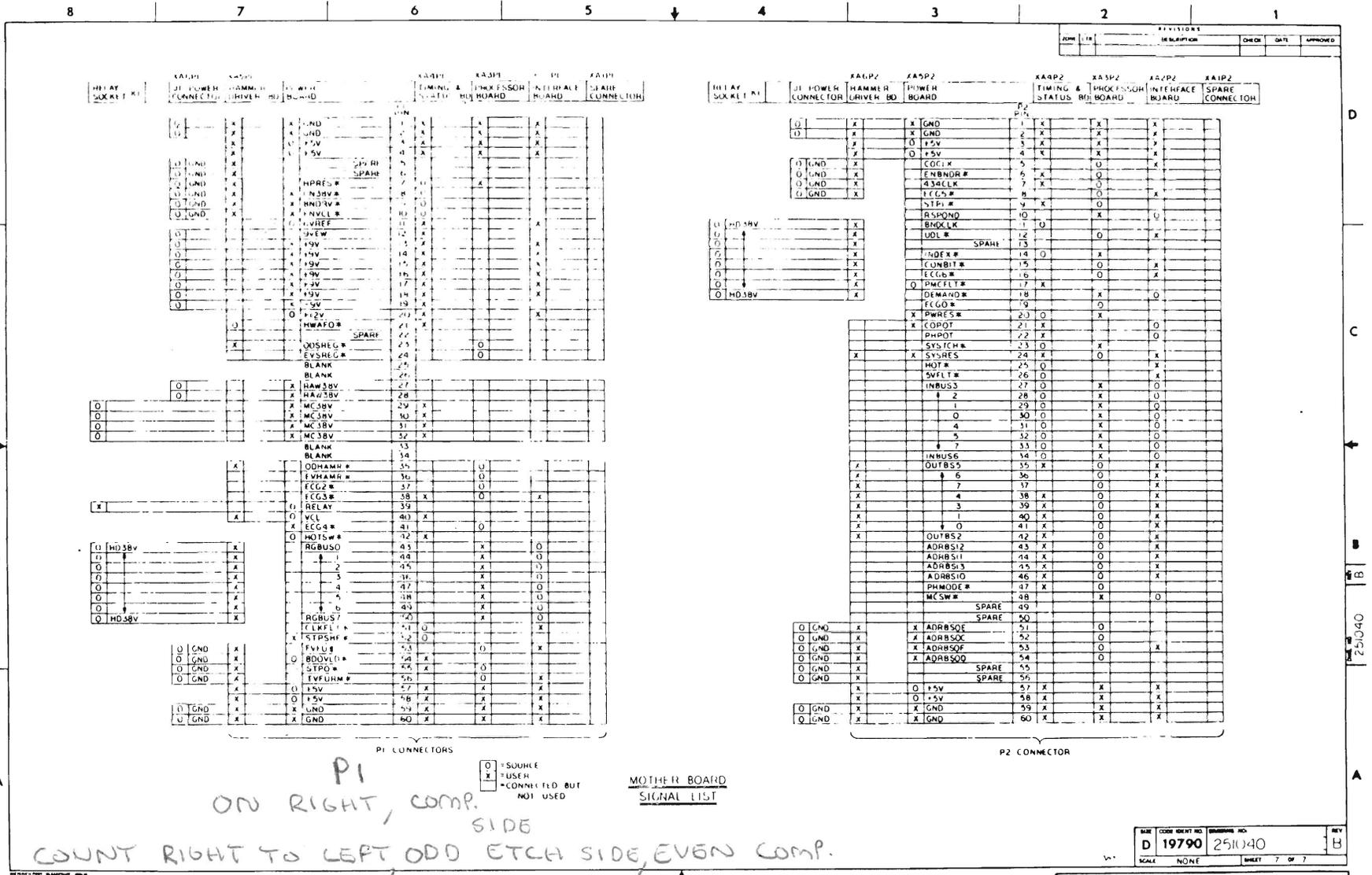
Model B-300
 Interim Schematics Package
 Figure 1 (SH 4 of 7)
 B-300 Electronics
 Reference Documents



Model B-300
Interim Schematics Package
Figure 1 (SH 5 of 7)
B-300 Electronics
Reference Documents



Model B-300
 Interim Schematics Package
 Figure 1 (SH 6 of 7)
 B-300 Electronics
 Reference Documents



PI

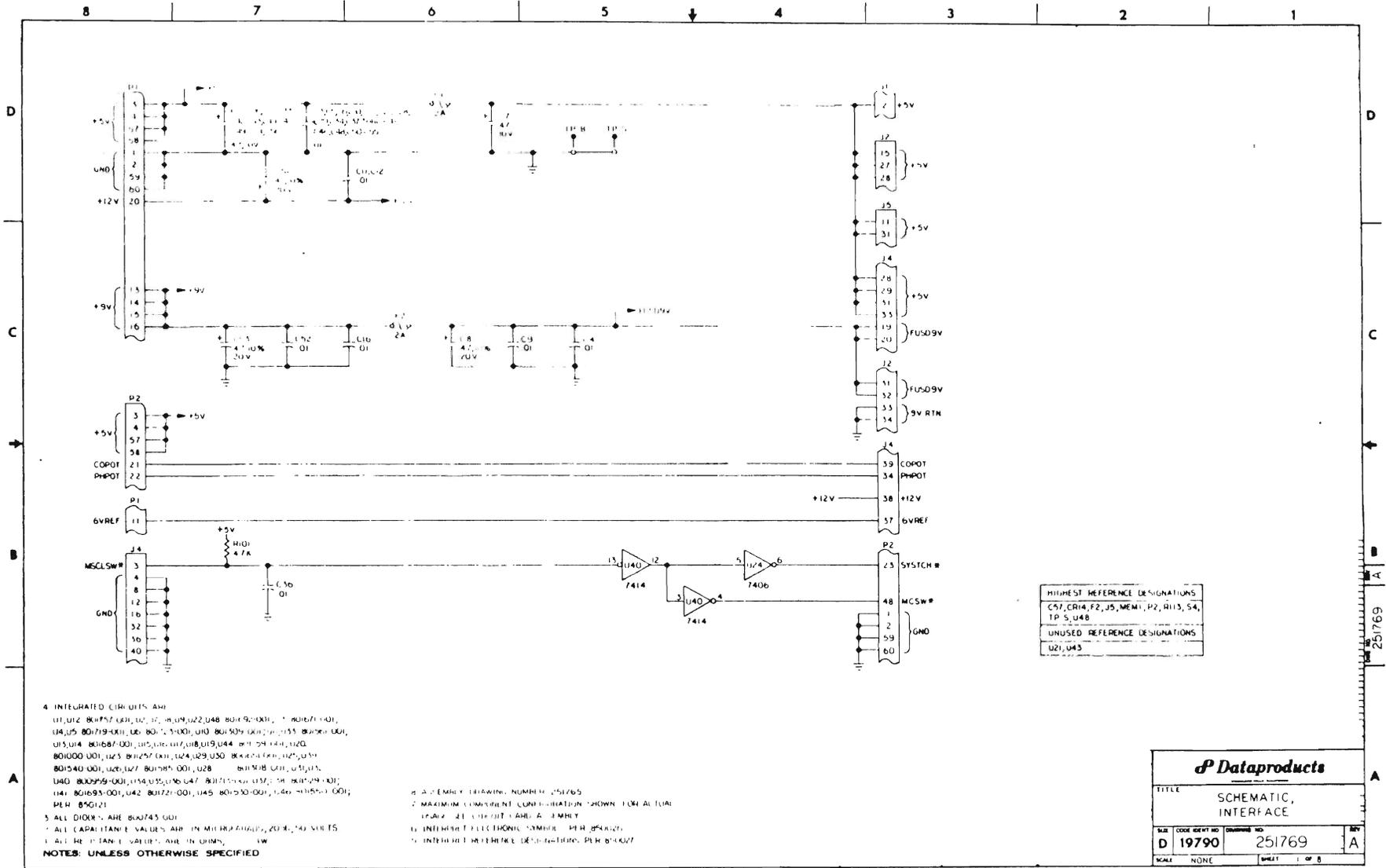
ON RIGHT, COMP. SIDE

COUNT RIGHT TO LEFT ODD ETCH SIDE, EVEN COMP.

HAMMER DR. BRO., OPPOSITE

DATE	CODE IDENT NO.	ISSUANCE NO.	REV.
D 19790	251040		B
SCALE	NONE	SHEET	7 OF 7

Model B-300
Interim Schematics Package
Figure 1 (SH 7 of 7)
B-300 Electronics
Reference Documents



HIGHEST REFERENCE DESIGNATIONS
C57, CR14, F2, J5, MEM1, P2, R113, S4, TP 5, U48
UNUSED REFERENCE DESIGNATIONS
U21, U43

4 INTEGRATED CIRCUITS ARE:
 U1, U2 801757-001, U3, U4, U5, U6, U7, U8, U9, U10, U11, U12, U13, U14, U15, U16, U17, U18, U19, U20, U21, U22, U23, U24, U25, U26, U27, U28, U29, U30, U31, U32, U33, U34, U35, U36, U37, U38, U39, U40, U41, U42, U43, U44, U45, U46, U47, U48, U49, U50, U51, U52, U53, U54, U55, U56, U57, U58, U59, U60, U61, U62, U63, U64, U65, U66, U67, U68, U69, U70, U71, U72, U73, U74, U75, U76, U77, U78, U79, U80, U81, U82, U83, U84, U85, U86, U87, U88, U89, U90, U91, U92, U93, U94, U95, U96, U97, U98, U99, U100

5 ALL DIODES ARE 800743 G01

6 ALL CAPACITANCE VALUES ARE IN MICROFARADS, 2000, 740 VOLTS

7 ALL RESISTANCE VALUES ARE IN OHMS, 1W

NOTES: UNLESS OTHERWISE SPECIFIED

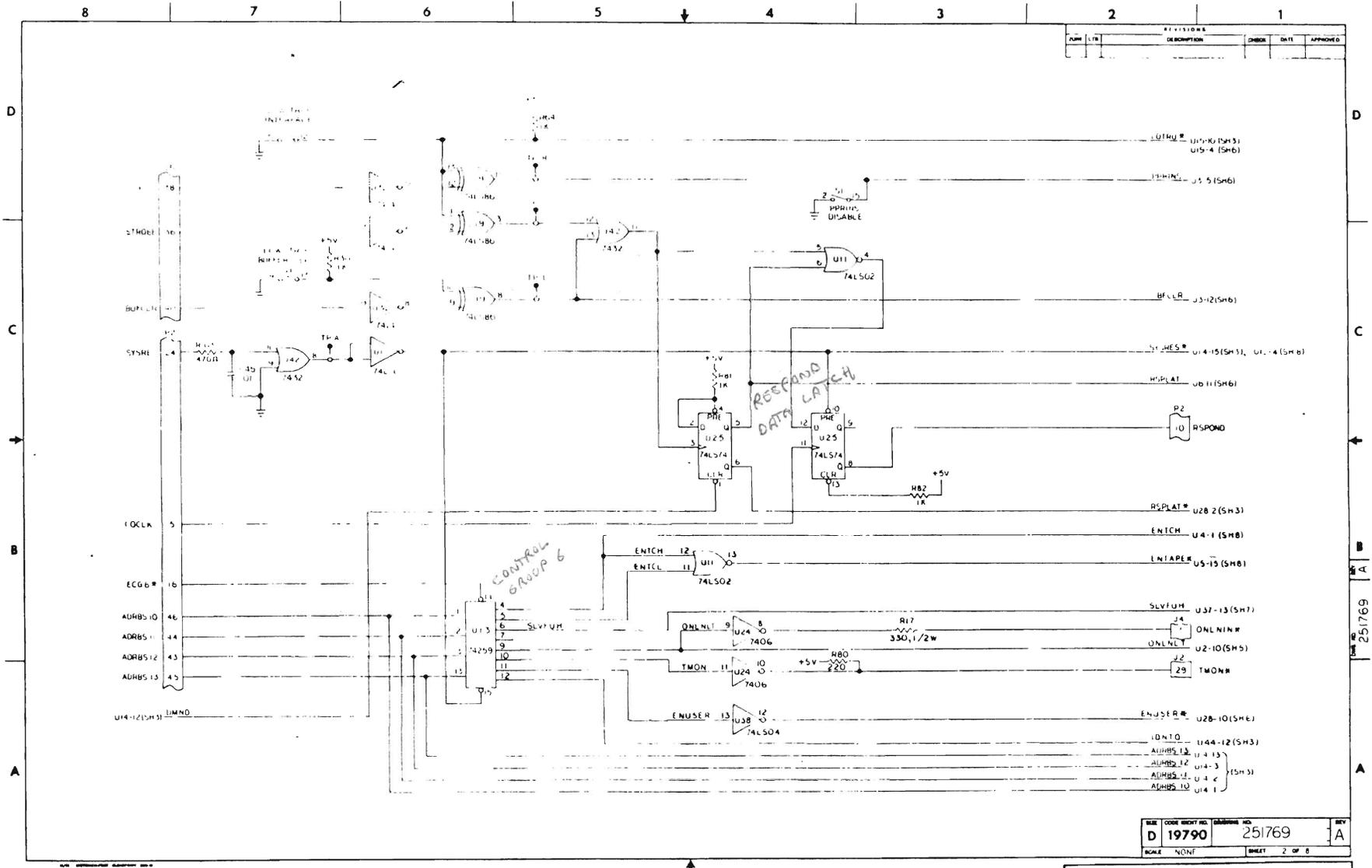
8 A JEMBEY DRAWING NUMBER 251769
 9 MAXIMUM COMPONENT COUNT SHOWN FOR ACTUAL BOARD IS 21 CIRCUITS AND 4 JEMBEY
 10 INTEGRATED ELECTRONIC NUMBER PER BOARD
 11 INTERIM REFERENCE DESIGNATIONS PER BOARD

Dataproducts

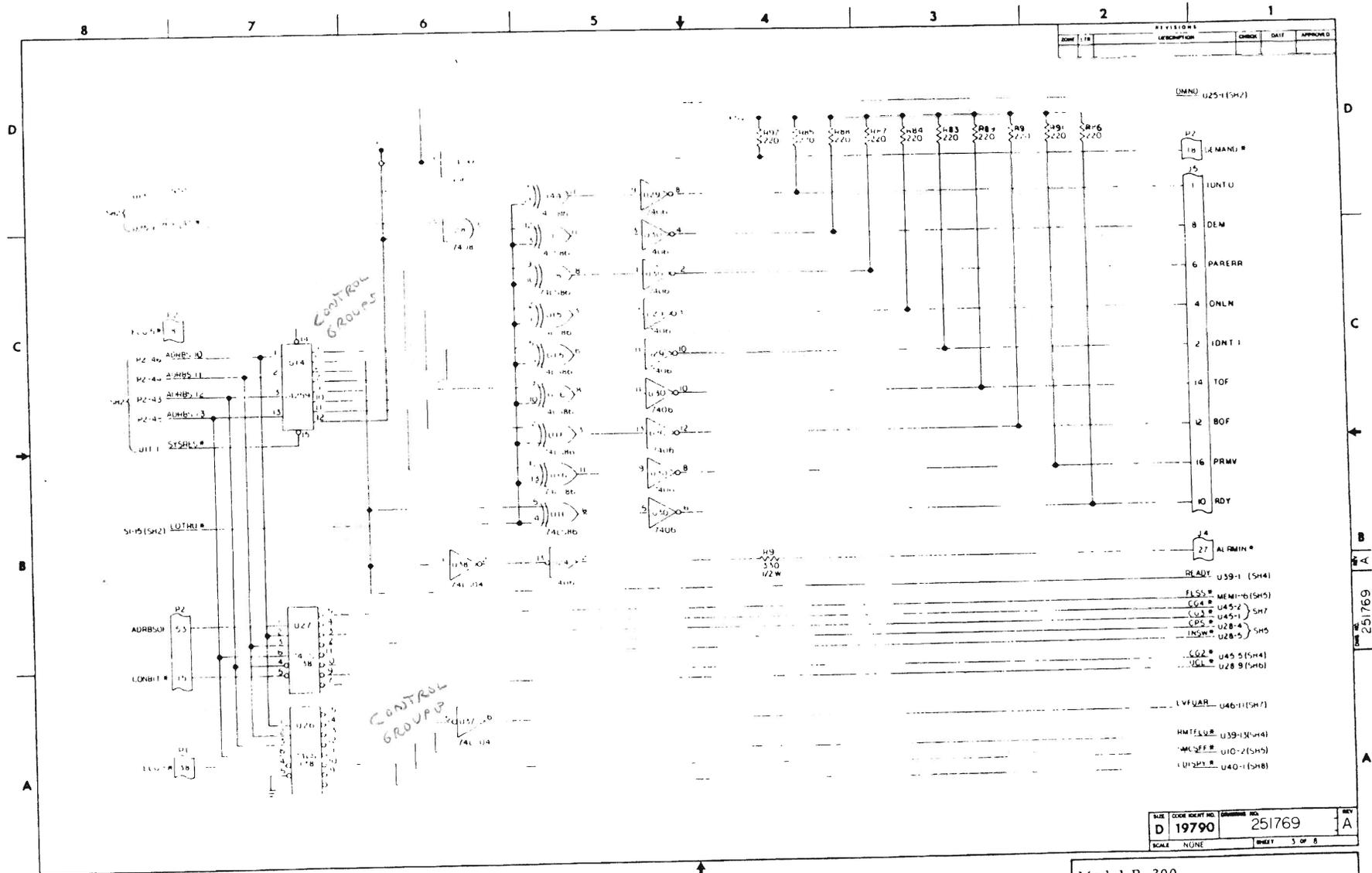
TITLE SCHEMATIC, INTERFACE

REV	CODE	REV NO	QUANTITY NO	REV
D	19790		251769	A
SCALE	NONE	SHEET	1 OF 8	

Model B-300
 Interim Schematics Package
 Figure 2 (SI 1 of 8)
 Interface Board

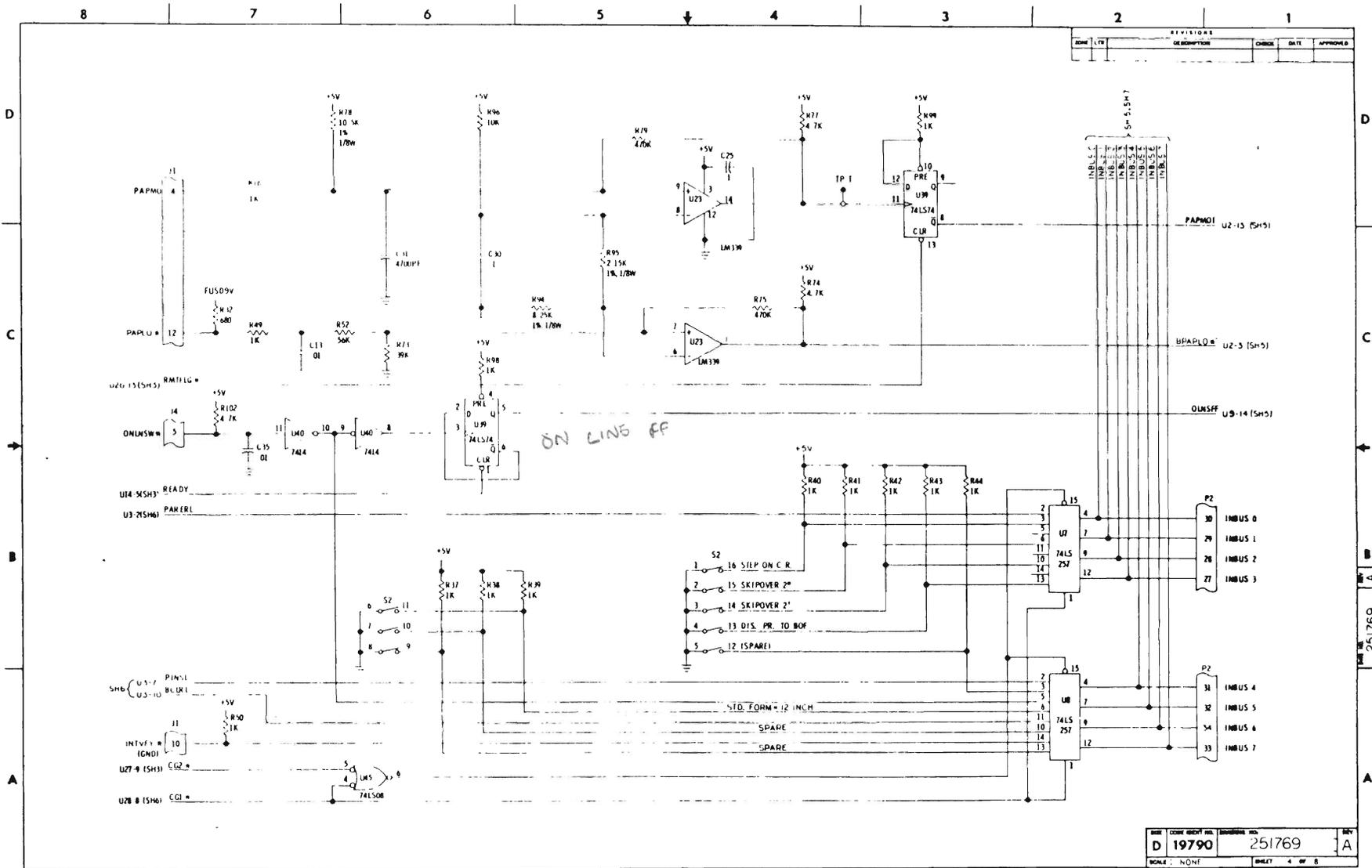


Model B-300
Interim Schematics Package
Figure 2 (SH 2 of 8)
Interface Board

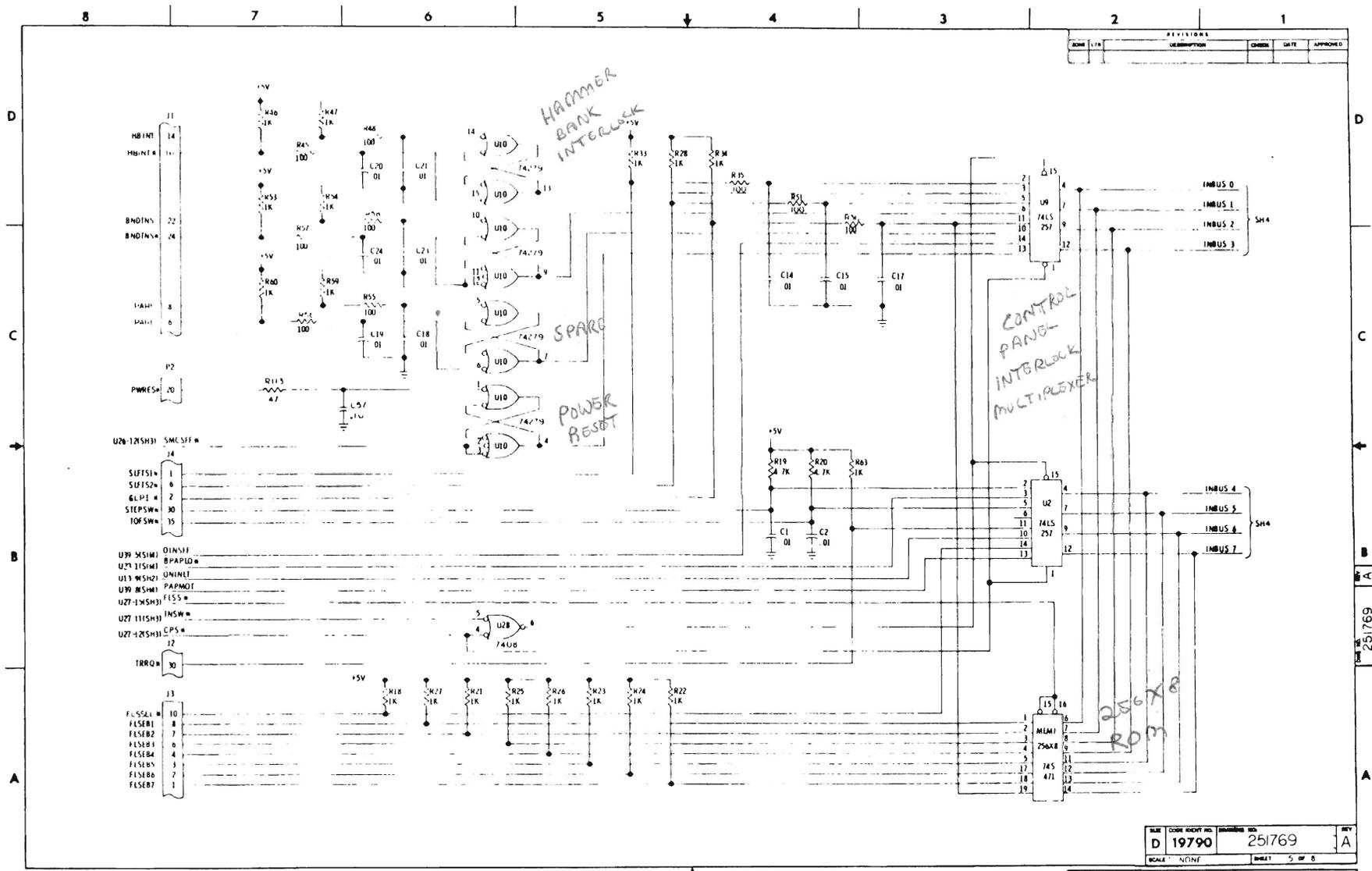


Model B-300
Interim Schematics Package
Figure 2 (SH 3 of 8)
Interface Board

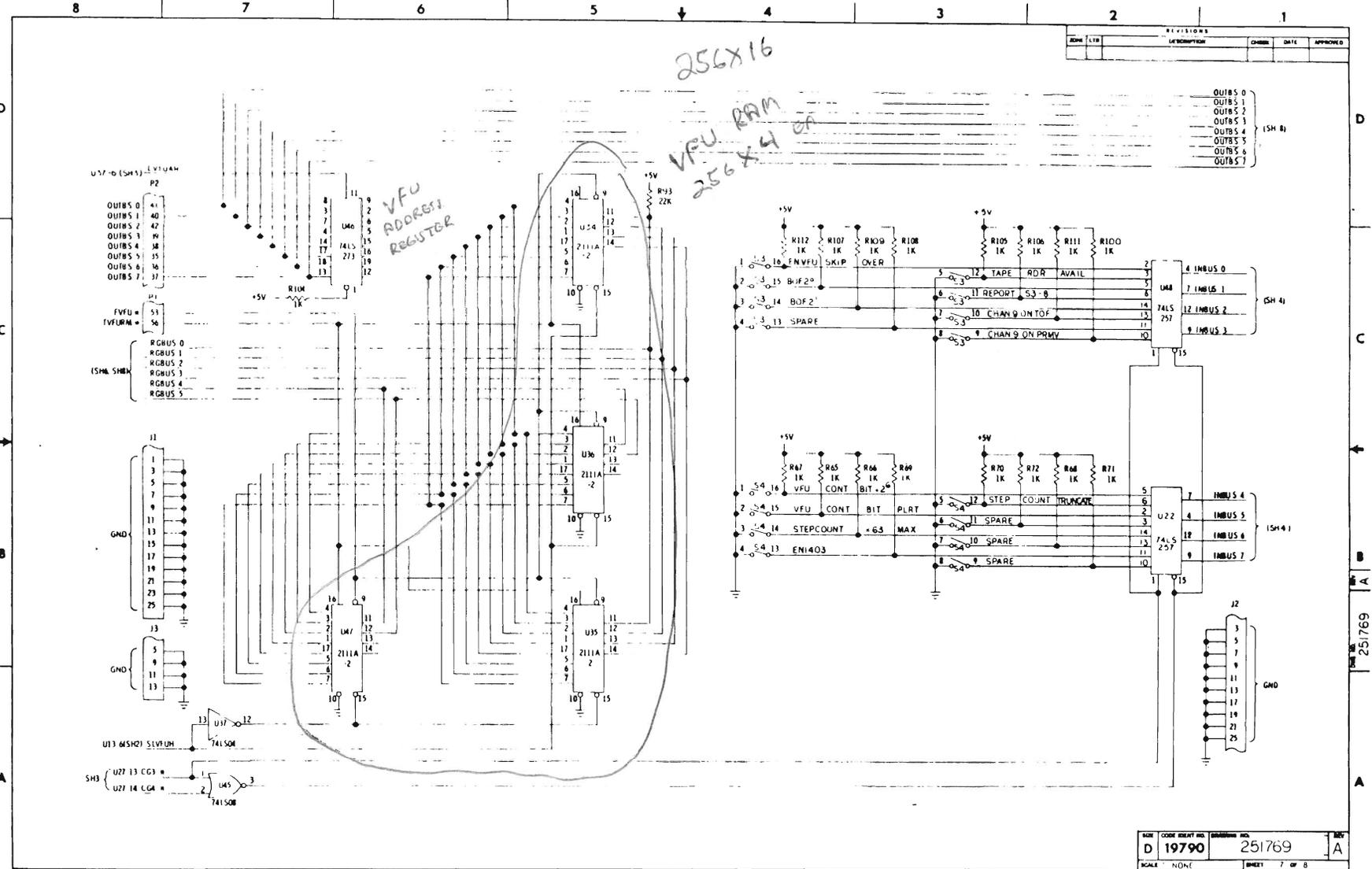
FILE	DATE	REV	NO.
D	19790		251769
SCALE	NONE	SHEET	3 OF 8



Model B-300
 Interim Schematics Package
 Figure 2 (SH 4 of 8)
 Interface Board



Model B-300
 Interim Schematics Package
 Figure 2 (SH 5 of 8)
 Interface Board



REVISIONS			
REV	DATE	BY	APPROVED

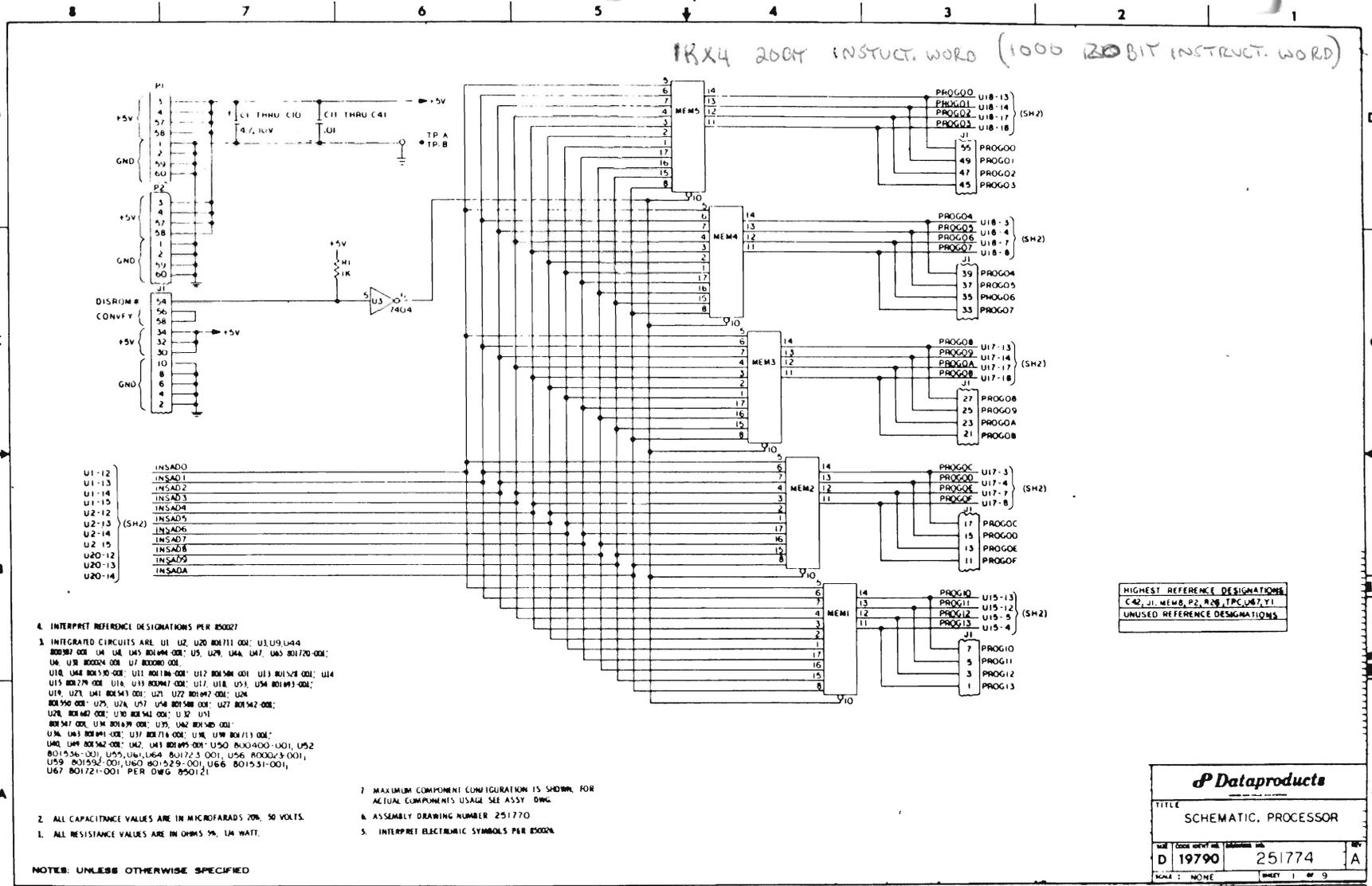
- OUIBS 0
 - OUIBS 1
 - OUIBS 2
 - OUIBS 3
 - OUIBS 4
 - OUIBS 5
 - OUIBS 6
 - OUIBS 7
- (SH 8)

- 4 IMBUS 0
 - 7 IMBUS 1
 - 12 IMBUS 2
 - 9 IMBUS 3
- (SH 4)

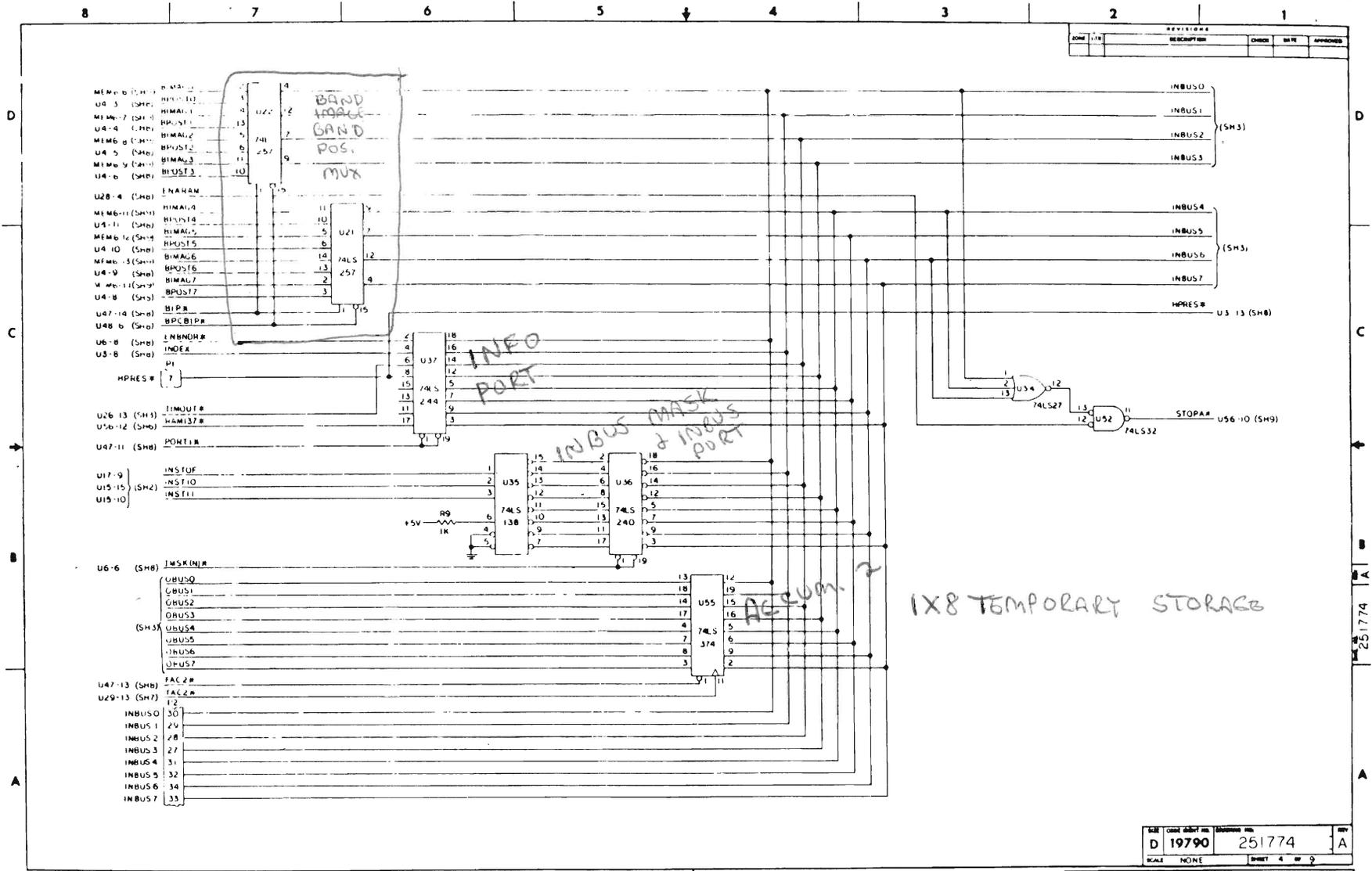
- 7 IMBUS 4
 - 4 IMBUS 5
 - 18 IMBUS 6
 - 9 IMBUS 7
- (SH 4)

SIZE	CODE	REV. NO.	ISSUING NO.	REV.
D	19790		251769	A
SCALE	NONE		SHEET	7 OF 8

Model B-300
Interim Schematics Package
Figure 2 (SH 7 of 8)
Interface Board

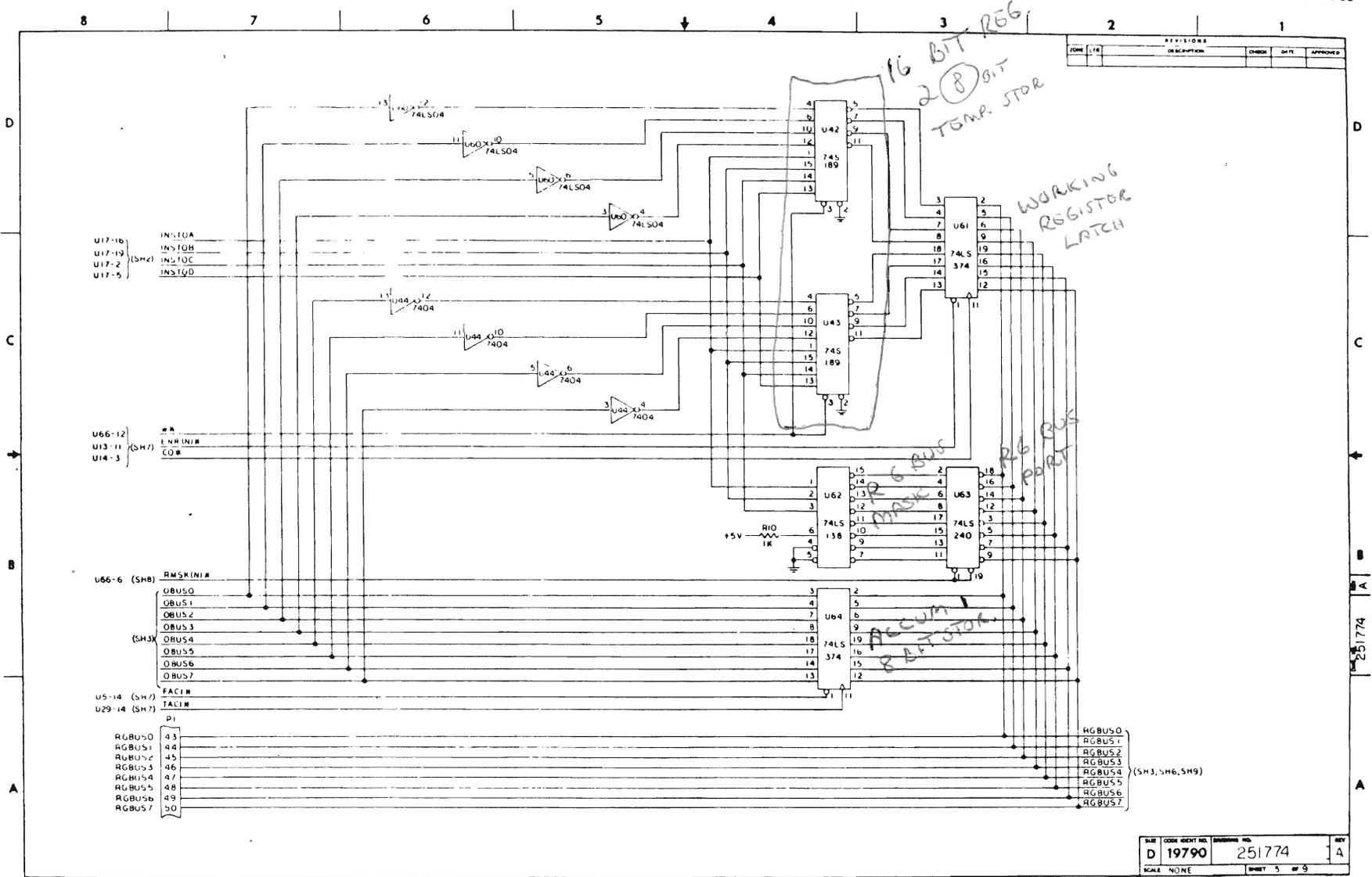


Model B-300
Interim Schematics Package
Figure 3 (SH 1 of 9)
Processor Board



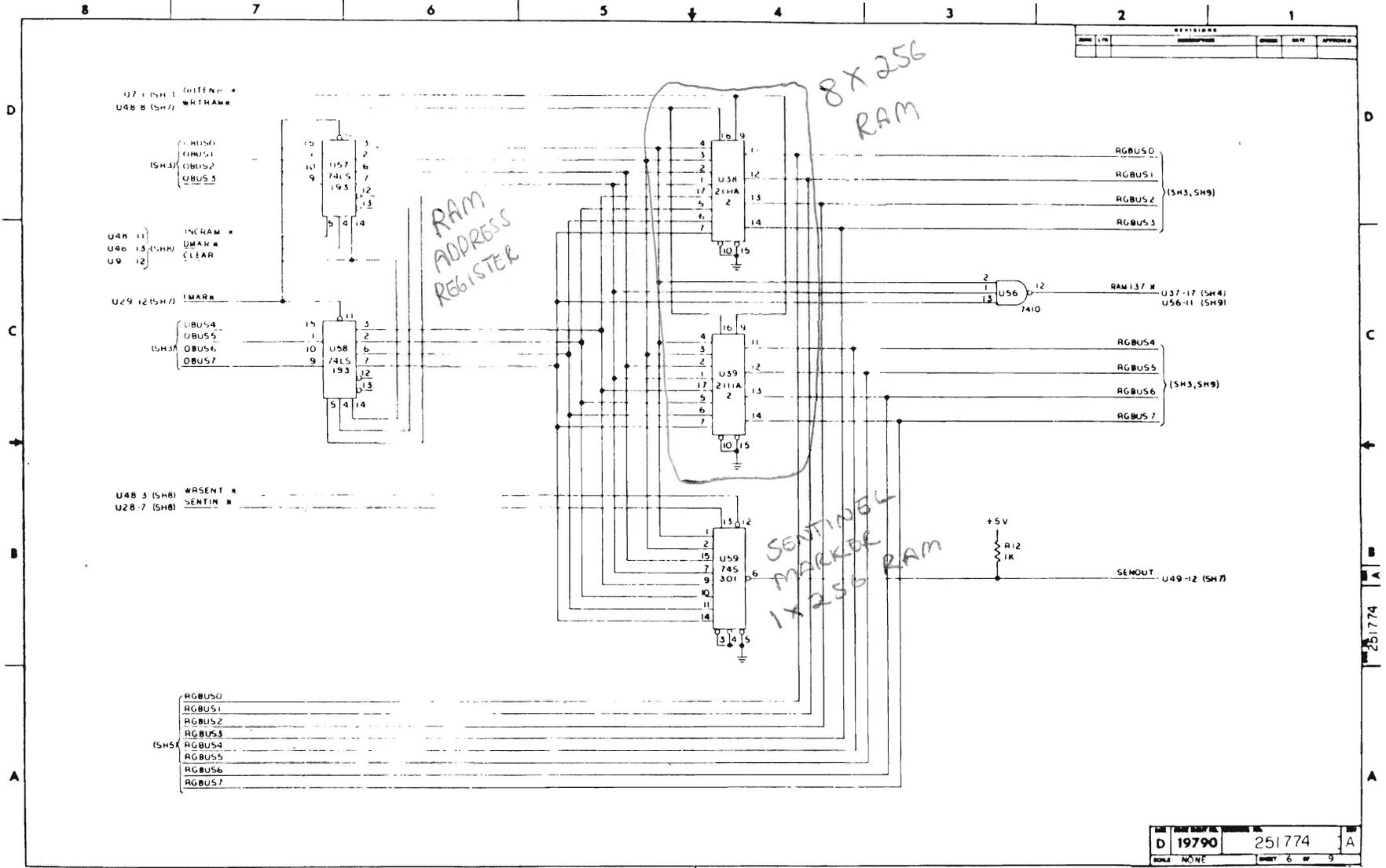
DATE	DATE	DATE	DATE
D 19790	251774		
SCALE	NONE	SHEET	4 OF 9

Model B-300
Interim Schematics Package
Figure 3 (SH 4 of 9)
Processor Board



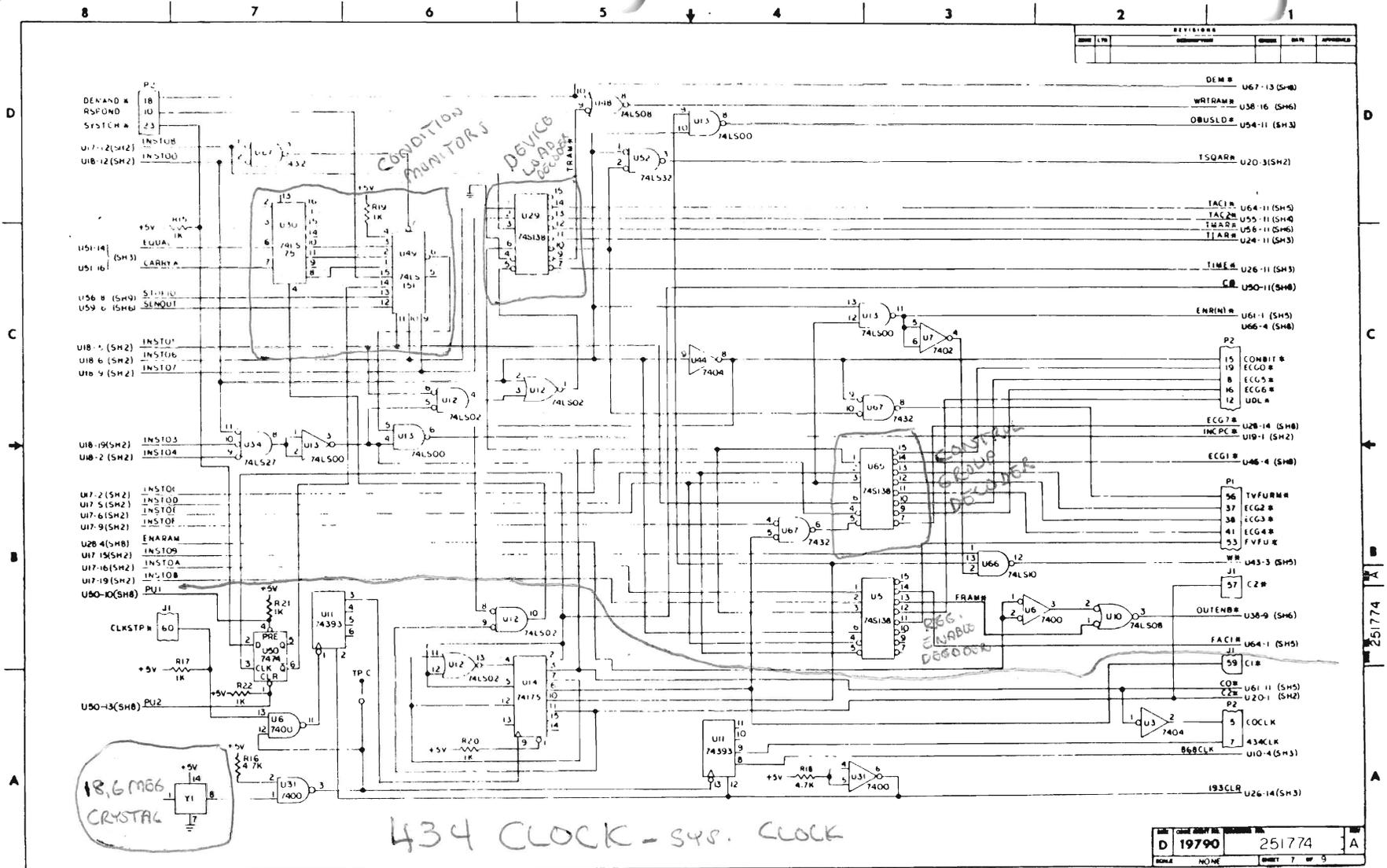
REV	ISSUE	DATE	DESCRIPTION	BY
D	19790		251774	A
SCALE: NONE		SHEET 5 OF 9		

Model B-300
Interim Schematics Package
Figure 3 (SH 5 of 9)
Processor Board



REV	DATE	BY	CHK	APP
D	19790		251774	A
DRAWN NONE		SHEET 6 OF 9		

Model B-300
Interim Schematics Package
Figure 3 (SH 6 of 9)
Processor Board

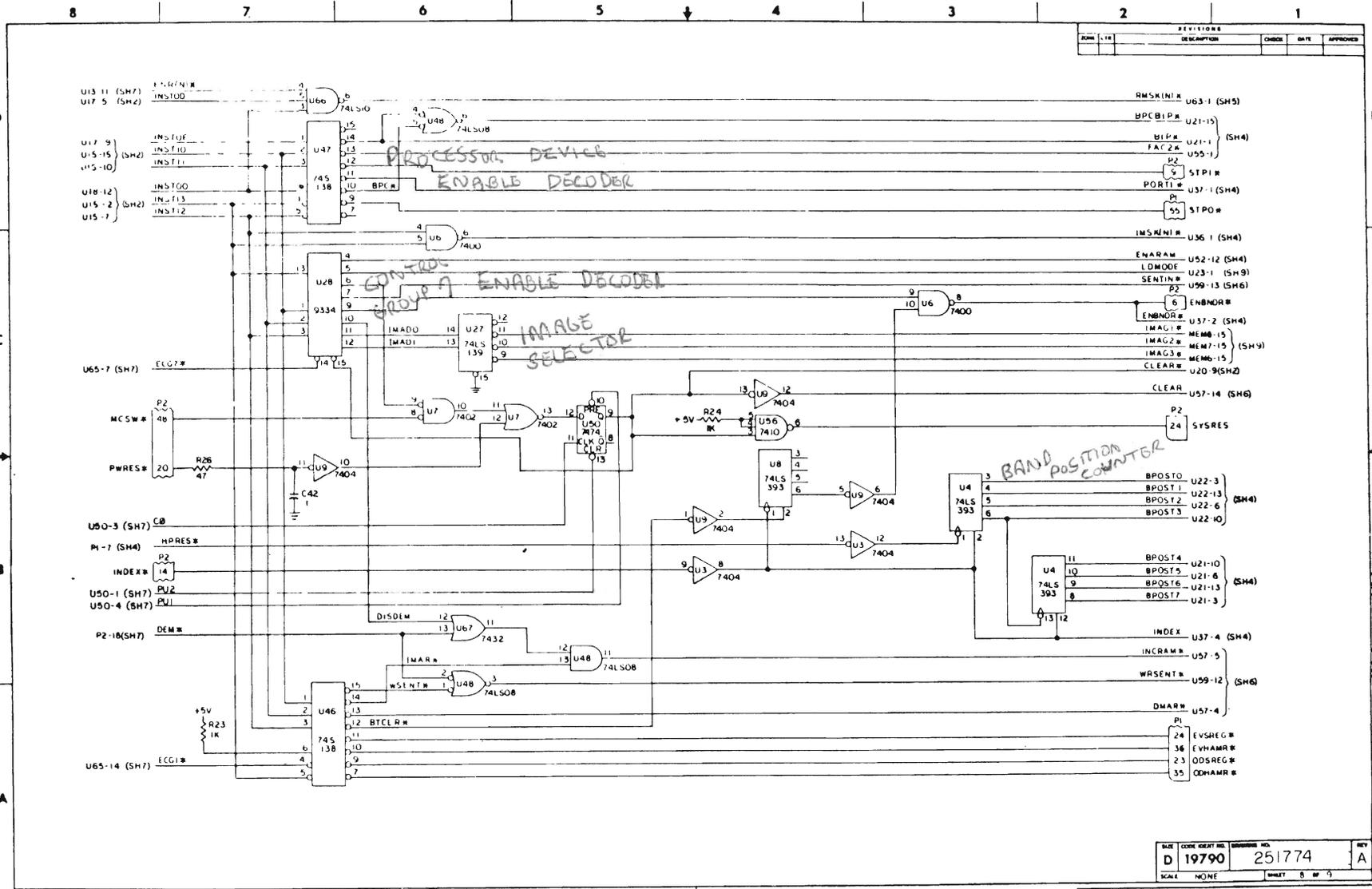


1.86MHz
CRYSTAL

434 CLOCK - SYS. CLOCK

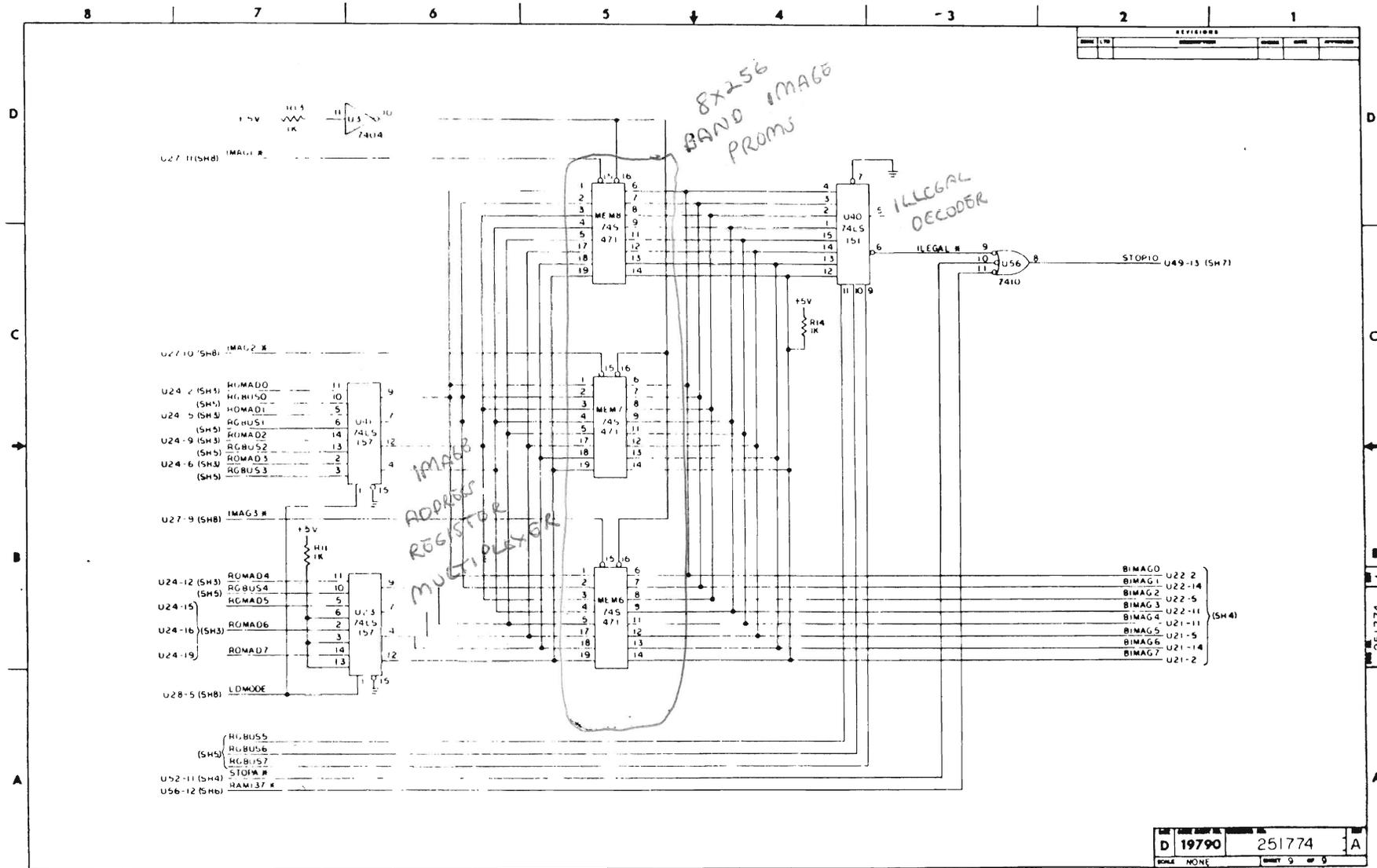
REV	DATE	BY	CHK	APP
D	19790		251774	A
NO.	NO.	NO.	NO.	NO.

Model B-300
Interim Schematics Package
Figure 3 (SH 7 of 9)
Processor Board



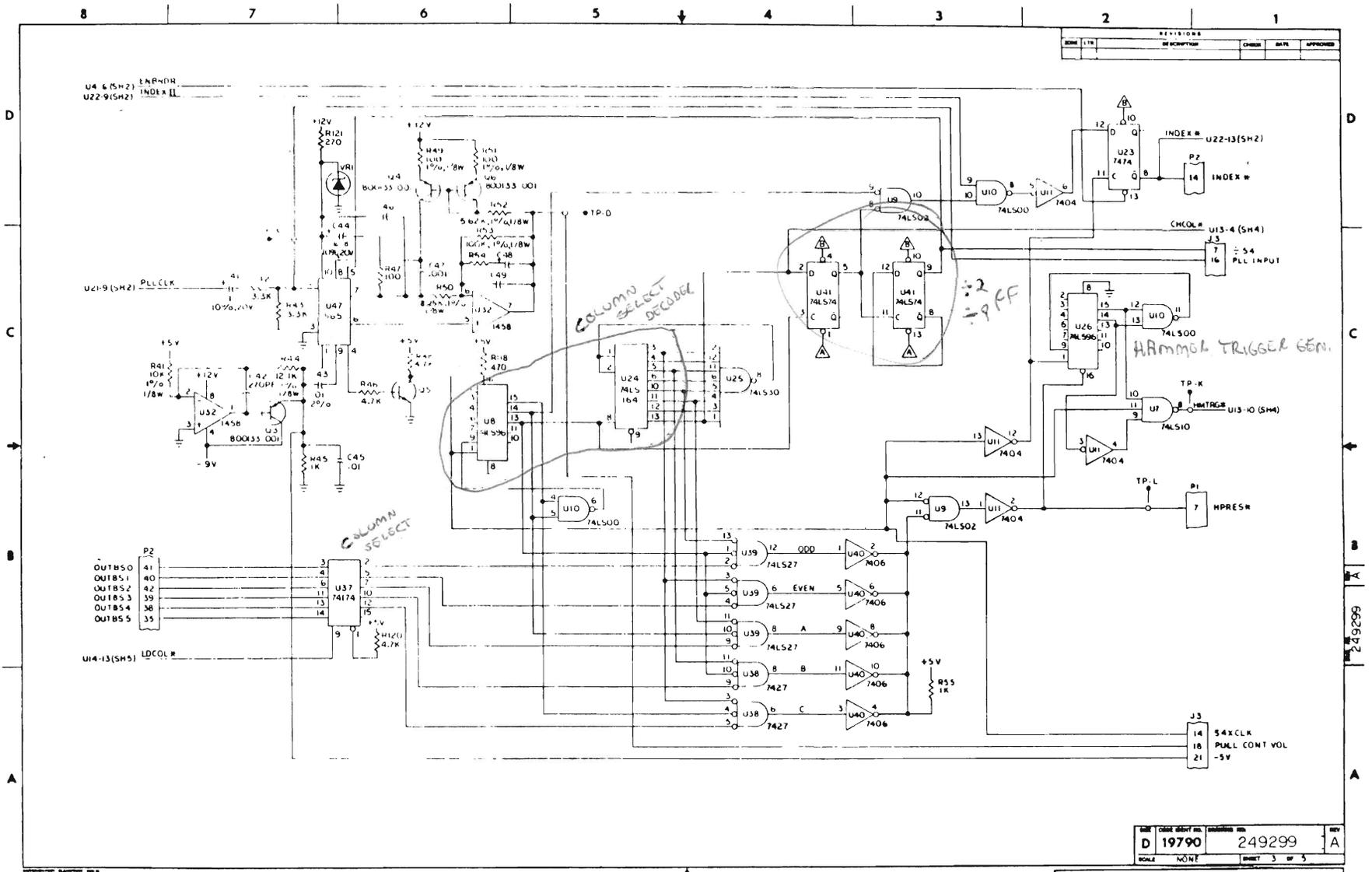
HAMMER PULSE
RESET
OCCURS EA TIME
HAMMER LINED UP
WITH CHAR.

Model B-300
Interim Schematics Package
Figure 3 (SII 8 of 9)
Processor Board



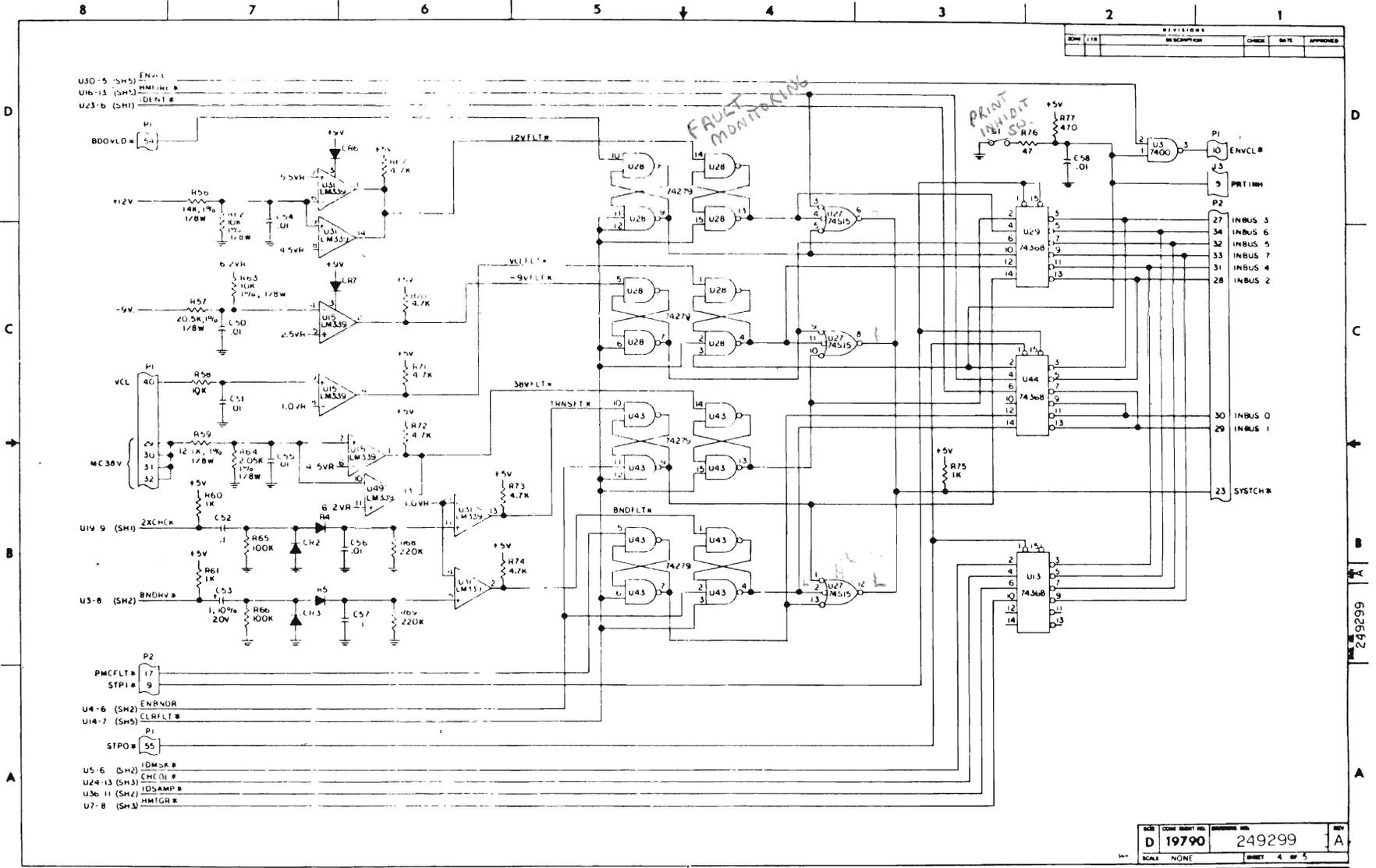
REV	DATE	BY	CHKD	APP'D
D	19790		251774	A
NONE		PAGE 9 OF 9		

Model B-300
Interim Schematics Package
Figure 3 (SH 9 of 9)
Processor Board

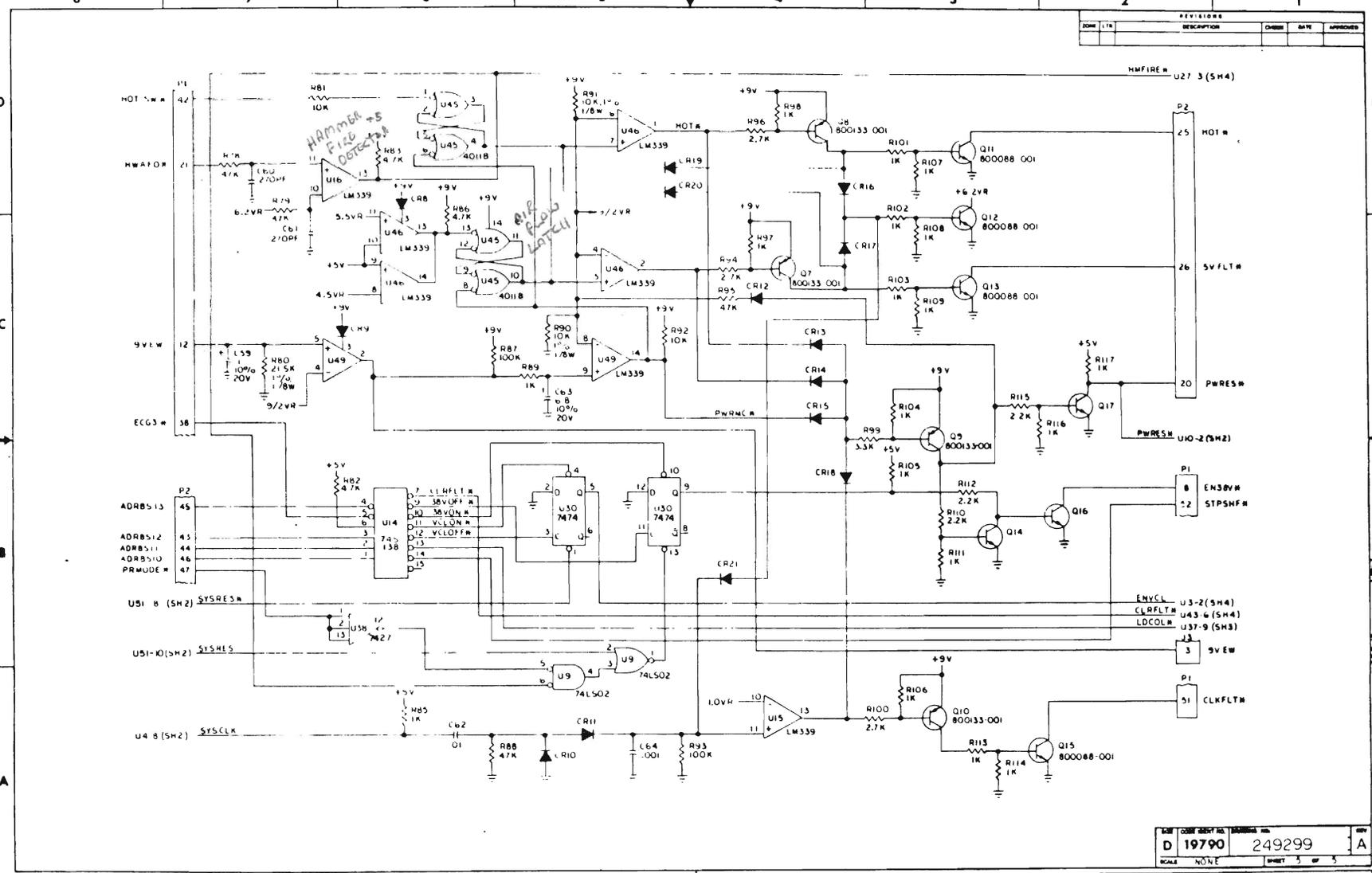


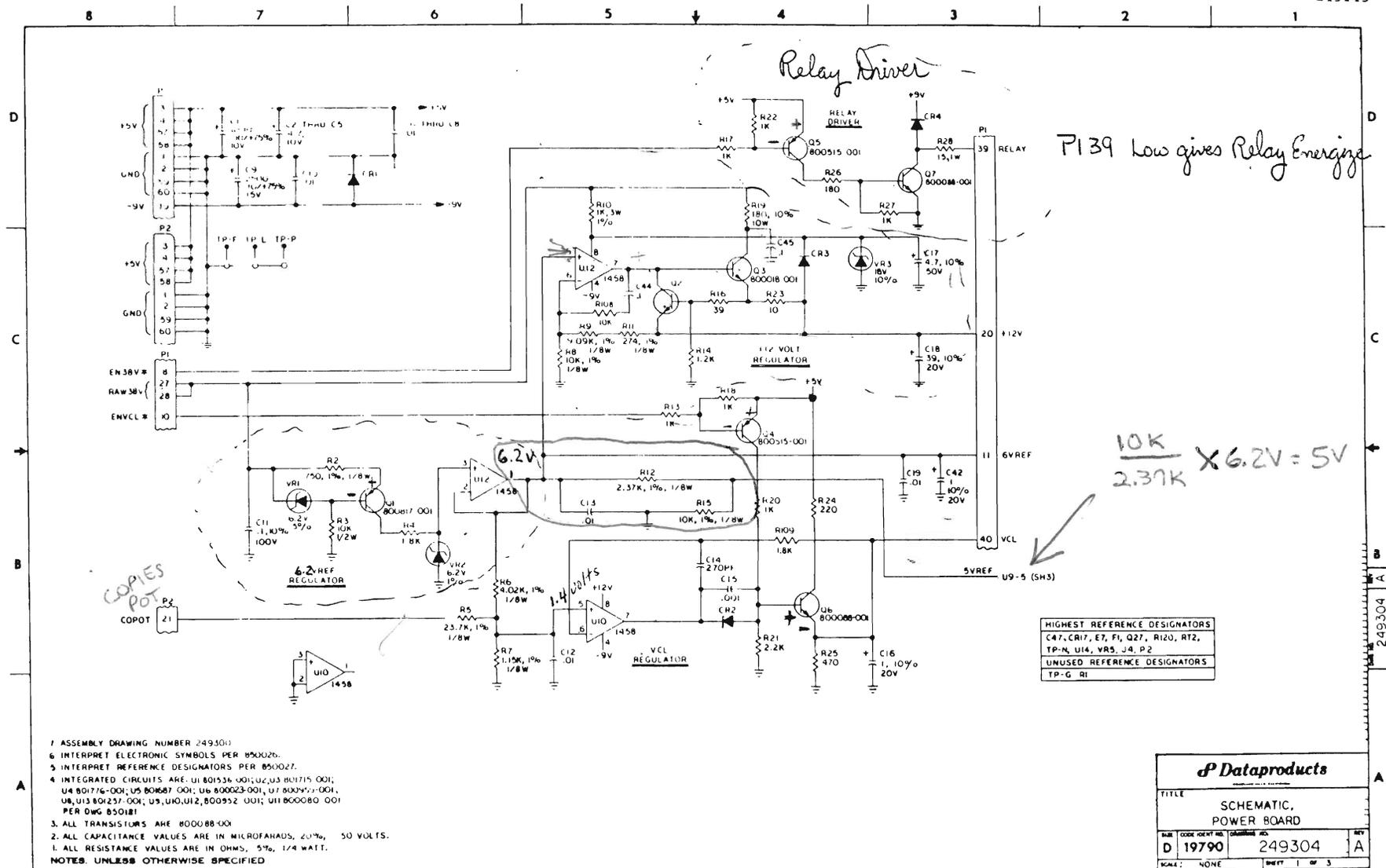
Model B-300
 Interim Schematics Package
 Figure 4 (SH 3 of 5)
 Timing & Status Board

REV	DATE	BY	CHKD	APP'D
D	19790		249299	
WORK		NO/NE		SHEET 3 OF 5



Model B-300
 Interim Schematics Package
 Figure 4 (SH 4 of 5)
 Timing & Status Board

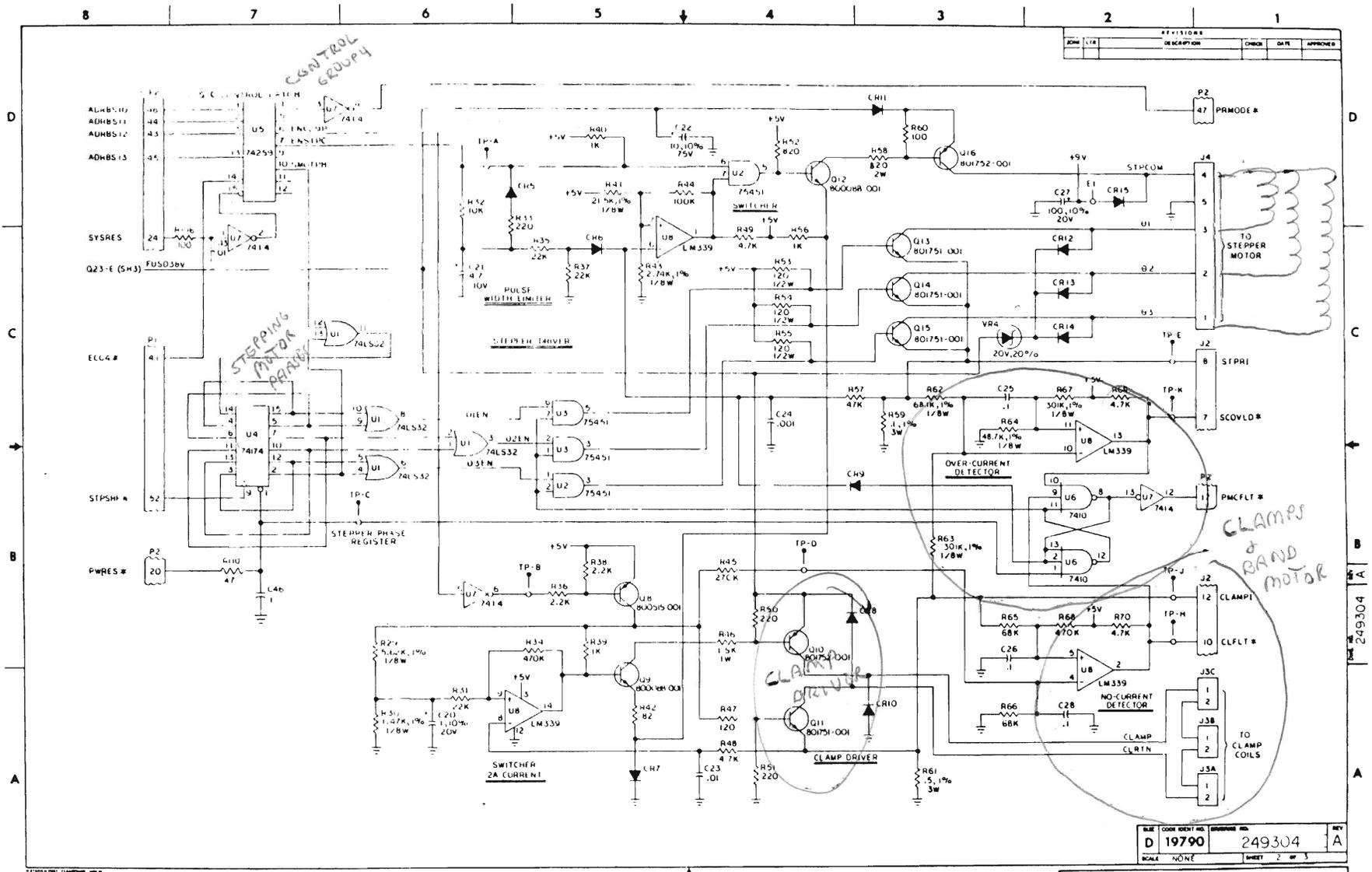




- 7 ASSEMBLY DRAWING NUMBER 249304
 - 6 INTERPRET ELECTRONIC SYMBOLS PER 850026.
 - 5 INTERPRET REFERENCE DESIGNATORS PER 850027.
 - 4 INTEGRATED CIRCUITS ARE: U1 801536 001; U2, U3 801715 001; U4 801776 001; U5 801687 001; U6 800023 001; U7 800000 001; U8, U13 801237 001; U9, U10, U12, 800952 001; U11 800080 001 PER DWG 850181
 - 3. ALL TRANSISTORS ARE 800088 001
 - 2. ALL CAPACITANCE VALUES ARE IN MICROFARADS, 20%, 50 VOLTS.
 - 1. ALL RESISTANCE VALUES ARE IN OHMS, 5%, 1/4 WATT.
- NOTES: UNLESS OTHERWISE SPECIFIED

Dataproducts			
TITLE			
SCHEMATIC, POWER BOARD			
REV	DATE	DESIGNED BY	APP'D BY
D	19790	249304	A
SCALE: NONE		SHEET 1 OF 3	

Model B-300
Interim Schematics Package
Figure 5 (SH 1 of 3)
Power Board



Model B-300
Interim Schematics Package
Figure 5 (SH 2 of 3)
Power Board

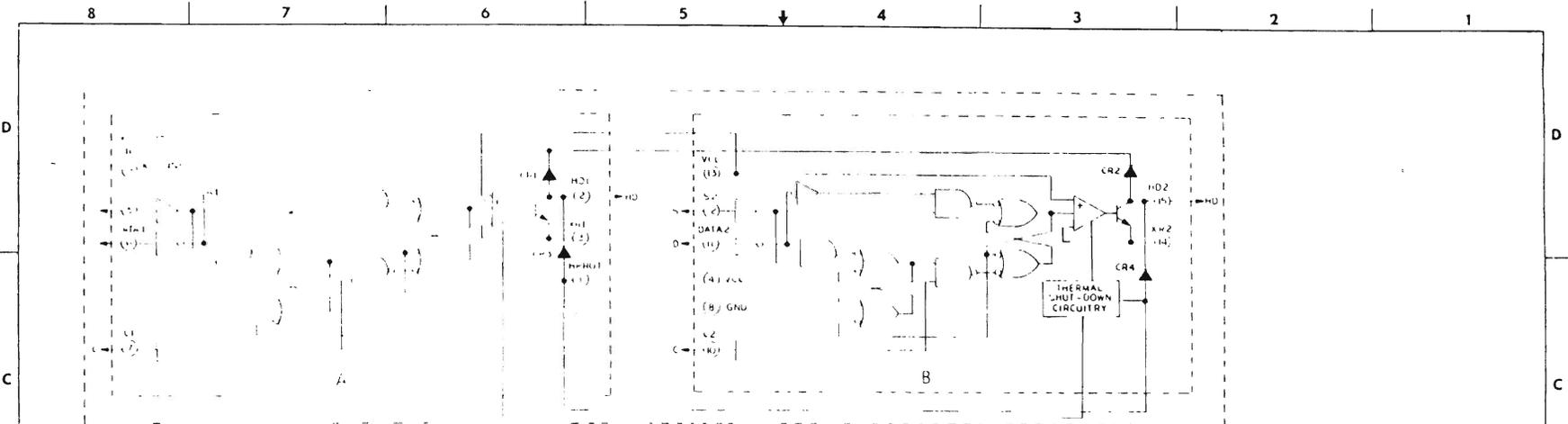


TABLE I		GENERAL DESIGNATION TO TEST POINT LOCATION							
TEST POINTS	TEST POINTS	TEST POINTS	TEST POINTS	TEST POINTS	TEST POINTS	TEST POINTS	TEST POINTS	TEST POINTS	TEST POINTS
1.5.36	U15	15.5.36	U15B	15.5.37	U15B	10.5.104	U51B		
3.5.4	U12A	17.7.38	U21A	17.5.37	U15B	10.5.106	U25B		
5.5.6	U14	39.5.40	U14A	17.5.41	U23A	17.5.38	U5B		
7.5.8	U13B	48.7.42	U14A	25.5.7	U16	10.5.110	U32A		
9.5.10	U12B	43.5.44	U15B	17.5.9	U17A	11.5.112	U21A		
11.5.12	U11B	45.5.46	U15B	17.5.11	U25B	11.5.114	U10A		
13.5.14	U11A	47.5.48	U18	17.5.13	U16B	11.5.116	U32B		
15.5.16	U13	49.5.50	U27A	17.5.14	U17B	11.5.118	U21B		
17.5.18	U24	51.5.52	U16A	15.5.15	U30A	11.5.120	U10B		
19.5.20	U24B	53.5.54	U5A	17.5.15	U19A	12.5.122	U33A		
21.5.22	U21B	55.5.56	U27B	15.5.17	U18A	12.5.124	U22A		
23.5.24	U21B	5.5.58	U10B	15.5.19	U30B	12.5.126	U11A		
25.5.26	U25A	39.5.40	U10	15.5.19	U19B	12.5.128	U33B		
27.5.28	U11A	16.5.52	U28A	15.5.21	U28B	12.5.130	U22B		
29.5.30	U3A	13.5.14	U11A	17.5.15	U31A	13.5.132	U11B		
31.5.32	U25B	65.5.66	U1	19.5.100	U20A	13.5.134	U42B		
33.5.34	U14B	67.5.68	U28B	101.5.102	U19A	13.5.136	U42A		

HIGHEST REFERENCE DESIGNATIONS
 U21, U19, U10B, U2, Q1, R7, U1, A, U1, U1
 IN USED REFERENCE DESIGNATIONS

- MAXIMUM COMPONENT CONFIGURATION IS SHOWN FOR ACTUAL COMPONENTS USUA SEE C1, A.
 - FOR TEST POINT LOCATION, SEE TABLE I.
 - ASSEMBLY DRAWING NUMBER: 24780.
 - INTERPRET ELECTRONIC SYMBOLS PER BS3026.
 - INTERPRET REFERENCE DESIGNATIONS PER MOD27.
 - INTEGRATED CIRCUITS ARE: U1 THRU U33, U42, U42A, U42B, U42C, U42D, U42E, U42F, U42G, U42H, U42I, U42J, U42K, U42L, U42M, U42N, U42O, U42P, U42Q, U42R, U42S, U42T, U42U, U42V, U42W, U42X, U42Y, U42Z, U42AA, U42AB, U42AC, U42AD, U42AE, U42AF, U42AG, U42AH, U42AI, U42AJ, U42AK, U42AL, U42AM, U42AN, U42AO, U42AP, U42AQ, U42AR, U42AS, U42AT, U42AU, U42AV, U42AW, U42AX, U42AY, U42AZ, U42BA, U42BB, U42BC, U42BD, U42BE, U42BF, U42BG, U42BH, U42BI, U42BJ, U42BK, U42BL, U42BM, U42BN, U42BO, U42BP, U42BQ, U42BR, U42BS, U42BT, U42BU, U42BV, U42BW, U42BX, U42BY, U42BZ, U42CA, U42CB, U42CC, U42CD, U42CE, U42CF, U42CG, U42CH, U42CI, U42CJ, U42CK, U42CL, U42CM, U42CN, U42CO, U42CP, U42CQ, U42CR, U42CS, U42CT, U42CU, U42CV, U42CW, U42CX, U42CY, U42CZ, U42DA, U42DB, U42DC, U42DD, U42DE, U42DF, U42DG, U42DH, U42DI, U42DJ, U42DK, U42DL, U42DM, U42DN, U42DO, U42DP, U42DQ, U42DR, U42DS, U42DT, U42DU, U42DV, U42DW, U42DX, U42DY, U42DZ, U42EA, U42EB, U42EC, U42ED, U42EE, U42EF, U42EG, U42EH, U42EI, U42EJ, U42EK, U42EL, U42EM, U42EN, U42EO, U42EP, U42EQ, U42ER, U42ES, U42ET, U42EU, U42EV, U42EW, U42EX, U42EY, U42EZ, U42FA, U42FB, U42FC, U42FD, U42FE, U42FF, U42FG, U42FH, U42FI, U42FJ, U42FK, U42FL, U42FM, U42FN, U42FO, U42FP, U42FQ, U42FR, U42FS, U42FT, U42FU, U42FV, U42FW, U42FX, U42FY, U42FZ, U42GA, U42GB, U42GC, U42GD, U42GE, U42GF, U42GG, U42GH, U42GI, U42GJ, U42GK, U42GL, U42GM, U42GN, U42GO, U42GP, U42GQ, U42GR, U42GS, U42GT, U42GU, U42GV, U42GW, U42GX, U42GY, U42GZ, U42HA, U42HB, U42HC, U42HD, U42HE, U42HF, U42HG, U42HH, U42HI, U42HJ, U42HK, U42HL, U42HM, U42HN, U42HO, U42HP, U42HQ, U42HR, U42HS, U42HT, U42HU, U42HV, U42HW, U42HX, U42HY, U42HZ, U42IA, U42IB, U42IC, U42ID, U42IE, U42IF, U42IG, U42IH, U42II, U42IJ, U42IK, U42IL, U42IM, U42IN, U42IO, U42IP, U42IQ, U42IR, U42IS, U42IT, U42IU, U42IV, U42IW, U42IX, U42IY, U42IZ, U42JA, U42JB, U42JC, U42JD, U42JE, U42JF, U42JG, U42JH, U42JI, U42JJ, U42JK, U42JL, U42JM, U42JN, U42JO, U42JP, U42JQ, U42JR, U42JS, U42JT, U42JU, U42JV, U42JW, U42JX, U42JY, U42JZ, U42KA, U42KB, U42KC, U42KD, U42KE, U42KF, U42KG, U42KH, U42KI, U42KJ, U42KK, U42KL, U42KM, U42KN, U42KO, U42KP, U42KQ, U42KR, U42KS, U42KT, U42KU, U42KV, U42KW, U42KX, U42KY, U42KZ, U42LA, U42LB, U42LC, U42LD, U42LE, U42LF, U42LG, U42LH, U42LI, U42LJ, U42LK, U42LL, U42LM, U42LN, U42LO, U42LP, U42LQ, U42LR, U42LS, U42LT, U42LU, U42LV, U42LW, U42LX, U42LY, U42LZ, U42MA, U42MB, U42MC, U42MD, U42ME, U42MF, U42MG, U42MH, U42MI, U42MJ, U42MK, U42ML, U42MN, U42MO, U42MP, U42MQ, U42MR, U42MS, U42MT, U42MU, U42MV, U42MW, U42MX, U42MY, U42MZ, U42NA, U42NB, U42NC, U42ND, U42NE, U42NF, U42NG, U42NH, U42NI, U42NJ, U42NK, U42NL, U42NM, U42NN, U42NO, U42NP, U42NQ, U42NR, U42NS, U42NT, U42NU, U42NV, U42NW, U42NX, U42NY, U42NZ, U42OA, U42OB, U42OC, U42OD, U42OE, U42OF, U42OG, U42OH, U42OI, U42OJ, U42OK, U42OL, U42OM, U42ON, U42OO, U42OP, U42OQ, U42OR, U42OS, U42OT, U42OU, U42OV, U42OW, U42OX, U42OY, U42OZ, U42PA, U42PB, U42PC, U42PD, U42PE, U42PF, U42PG, U42PH, U42PI, U42PJ, U42PK, U42PL, U42PM, U42PN, U42PO, U42PP, U42PQ, U42PR, U42PS, U42PT, U42PU, U42PV, U42PW, U42PX, U42PY, U42PZ, U42QA, U42QB, U42QC, U42QD, U42QE, U42QF, U42QG, U42QH, U42QI, U42QJ, U42QK, U42QL, U42QM, U42QN, U42QO, U42QP, U42QQ, U42QR, U42QS, U42QT, U42QU, U42QV, U42QW, U42QX, U42QY, U42QZ, U42RA, U42RB, U42RC, U42RD, U42RE, U42RF, U42RG, U42RH, U42RI, U42RJ, U42RK, U42RL, U42RM, U42RN, U42RO, U42RP, U42RQ, U42RR, U42RS, U42RT, U42RU, U42RV, U42RW, U42RX, U42RY, U42RZ, U42SA, U42SB, U42SC, U42SD, U42SE, U42SF, U42SG, U42SH, U42SI, U42SJ, U42SK, U42SL, U42SM, U42SN, U42SO, U42SP, U42SQ, U42SR, U42SS, U42ST, U42SU, U42SV, U42SW, U42SX, U42SY, U42SZ, U42TA, U42TB, U42TC, U42TD, U42TE, U42TF, U42TG, U42TH, U42TI, U42TJ, U42TK, U42TL, U42TM, U42TN, U42TO, U42TP, U42TQ, U42TR, U42TS, U42TT, U42TU, U42TV, U42TW, U42TX, U42TY, U42TZ, U42UA, U42UB, U42UC, U42UD, U42UE, U42UF, U42UG, U42UH, U42UI, U42UJ, U42UK, U42UL, U42UM, U42UN, U42UO, U42UP, U42UQ, U42UR, U42US, U42UT, U42UU, U42UV, U42UW, U42UX, U42UY, U42UZ, U42VA, U42VB, U42VC, U42VD, U42VE, U42VF, U42VG, U42VH, U42VI, U42VJ, U42VK, U42VL, U42VM, U42VN, U42VO, U42VP, U42VQ, U42VR, U42VS, U42VT, U42VU, U42VV, U42VW, U42VX, U42VY, U42VZ, U42WA, U42WB, U42WC, U42WD, U42WE, U42WF, U42WG, U42WH, U42WI, U42WJ, U42WK, U42WL, U42WM, U42WN, U42WO, U42WP, U42WQ, U42WR, U42WS, U42WT, U42WU, U42WV, U42WW, U42WX, U42WY, U42WZ, U42XA, U42XB, U42XC, U42XD, U42XE, U42XF, U42XG, U42XH, U42XI, U42XJ, U42XK, U42XL, U42XM, U42XN, U42XO, U42XP, U42XQ, U42XR, U42XS, U42XT, U42XU, U42XV, U42XW, U42XX, U42XY, U42XZ, U42YA, U42YB, U42YC, U42YD, U42YE, U42YF, U42YG, U42YH, U42YI, U42YJ, U42YK, U42YL, U42YM, U42YN, U42YO, U42YP, U42YQ, U42YR, U42YS, U42YT, U42YU, U42YV, U42YW, U42YX, U42YY, U42YZ, U42ZA, U42ZB, U42ZC, U42ZD, U42ZE, U42ZF, U42ZG, U42ZH, U42ZI, U42ZJ, U42ZK, U42ZL, U42ZM, U42ZN, U42ZO, U42ZP, U42ZQ, U42ZR, U42ZS, U42ZT, U42ZU, U42ZV, U42ZW, U42ZX, U42ZY, U42ZZ.
- NOTES: UNLESS OTHERWISE SPECIFIED

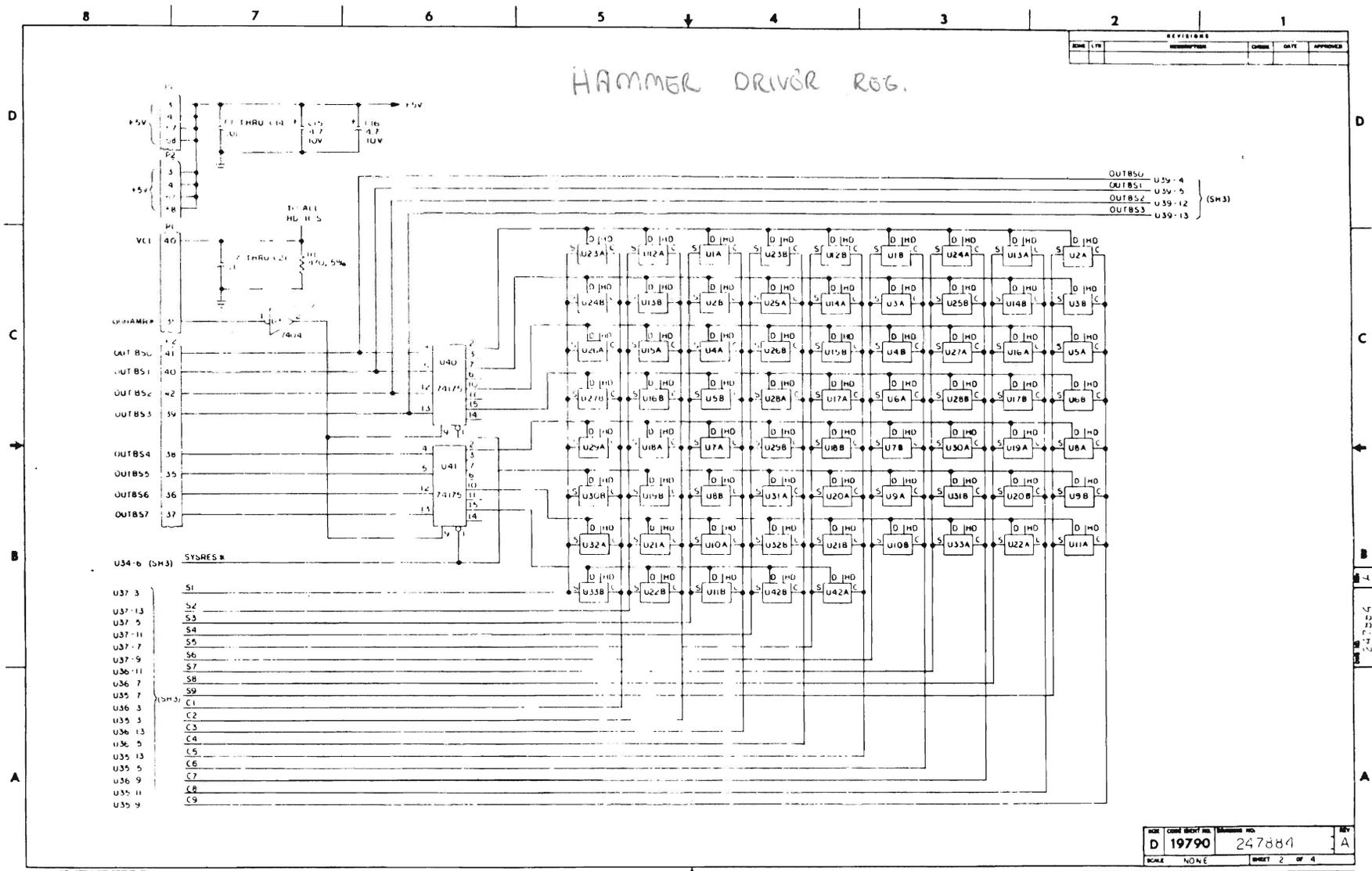
Dataproducts

TITLE: SCHEMATIC, HAMMER DRIVER BOARD

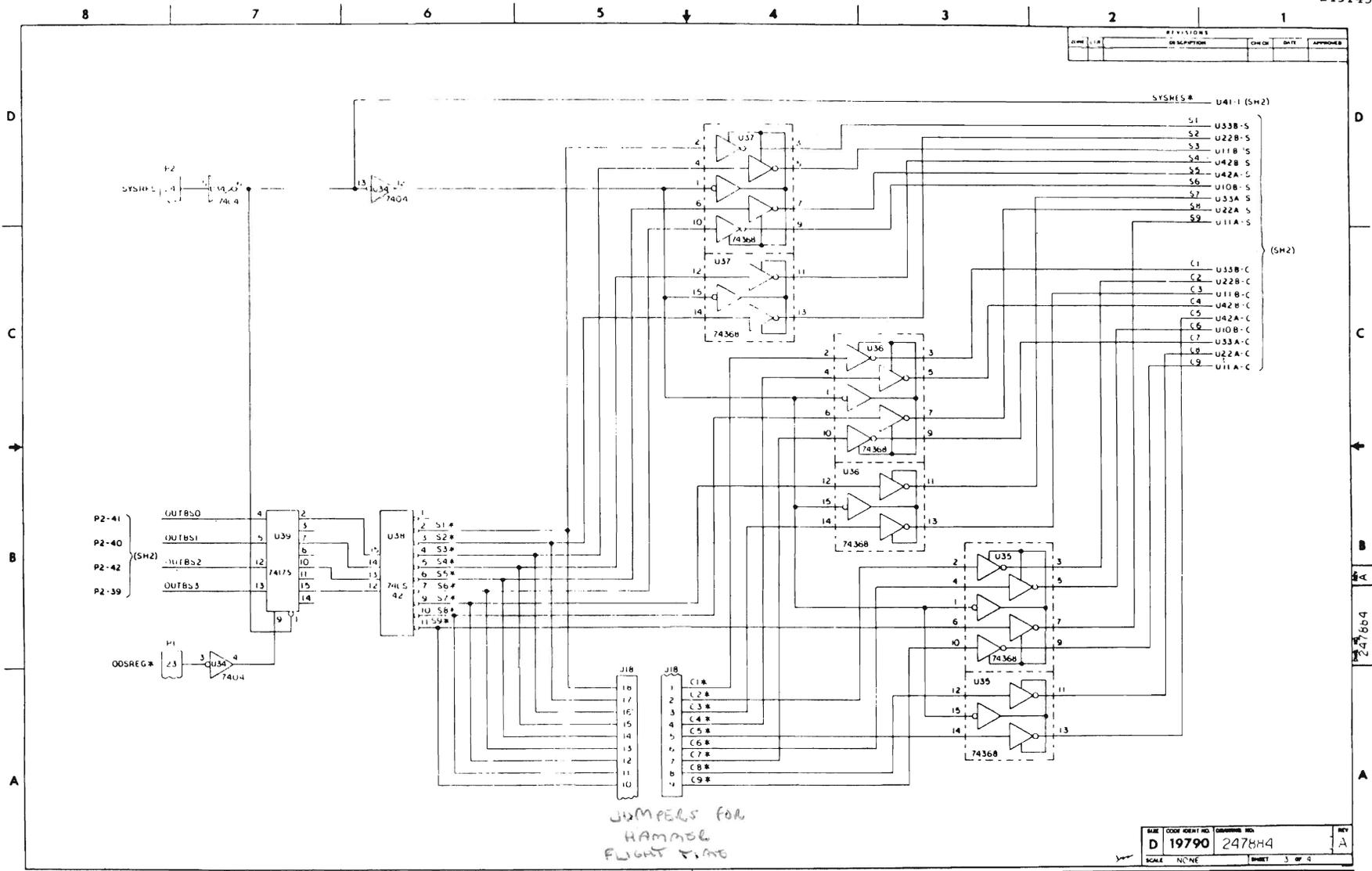
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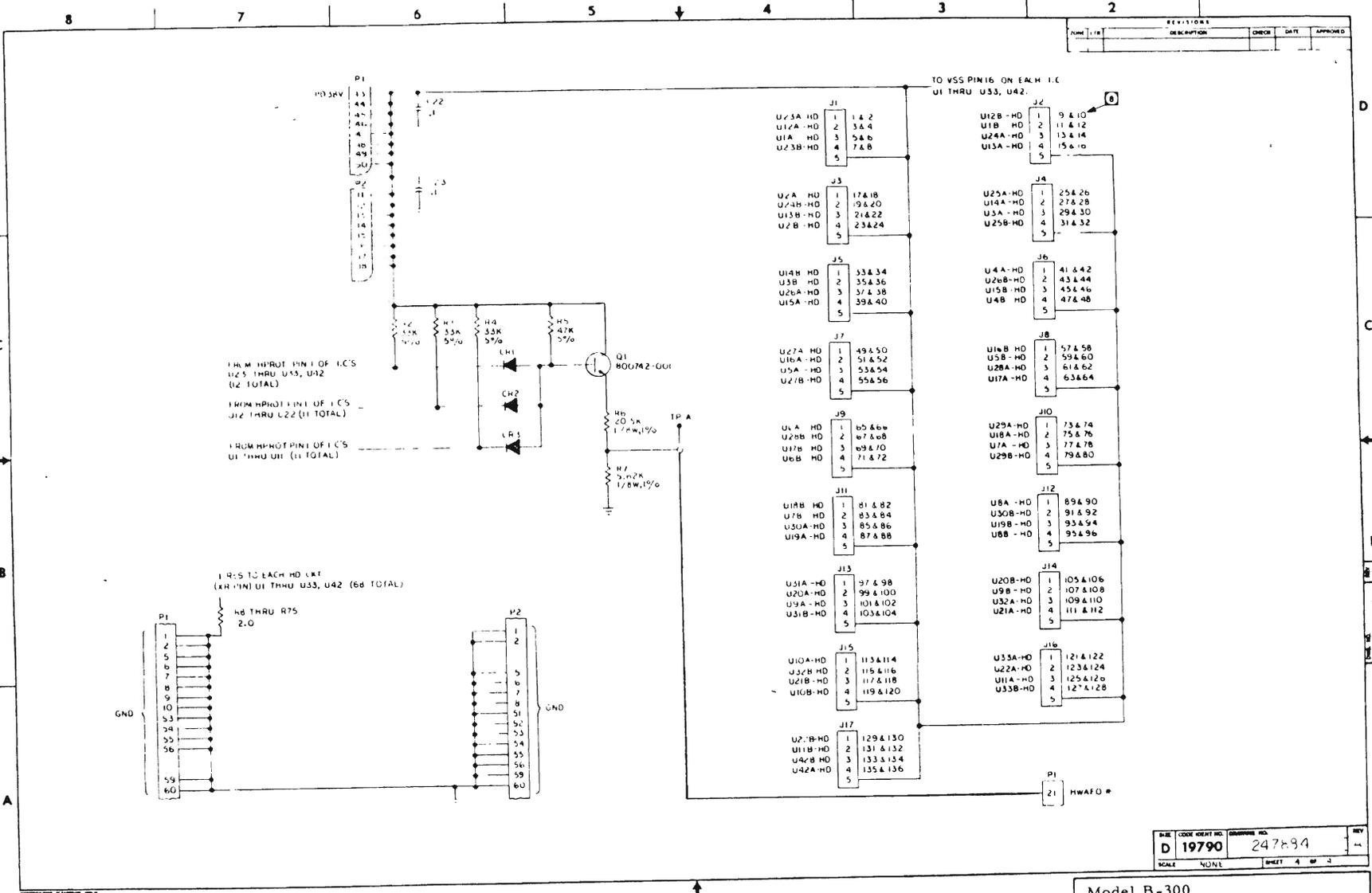
Model B-300
 Interim Schematics Package
 Figure 6 (SH 1 of 4)
 Hammer Driver Board



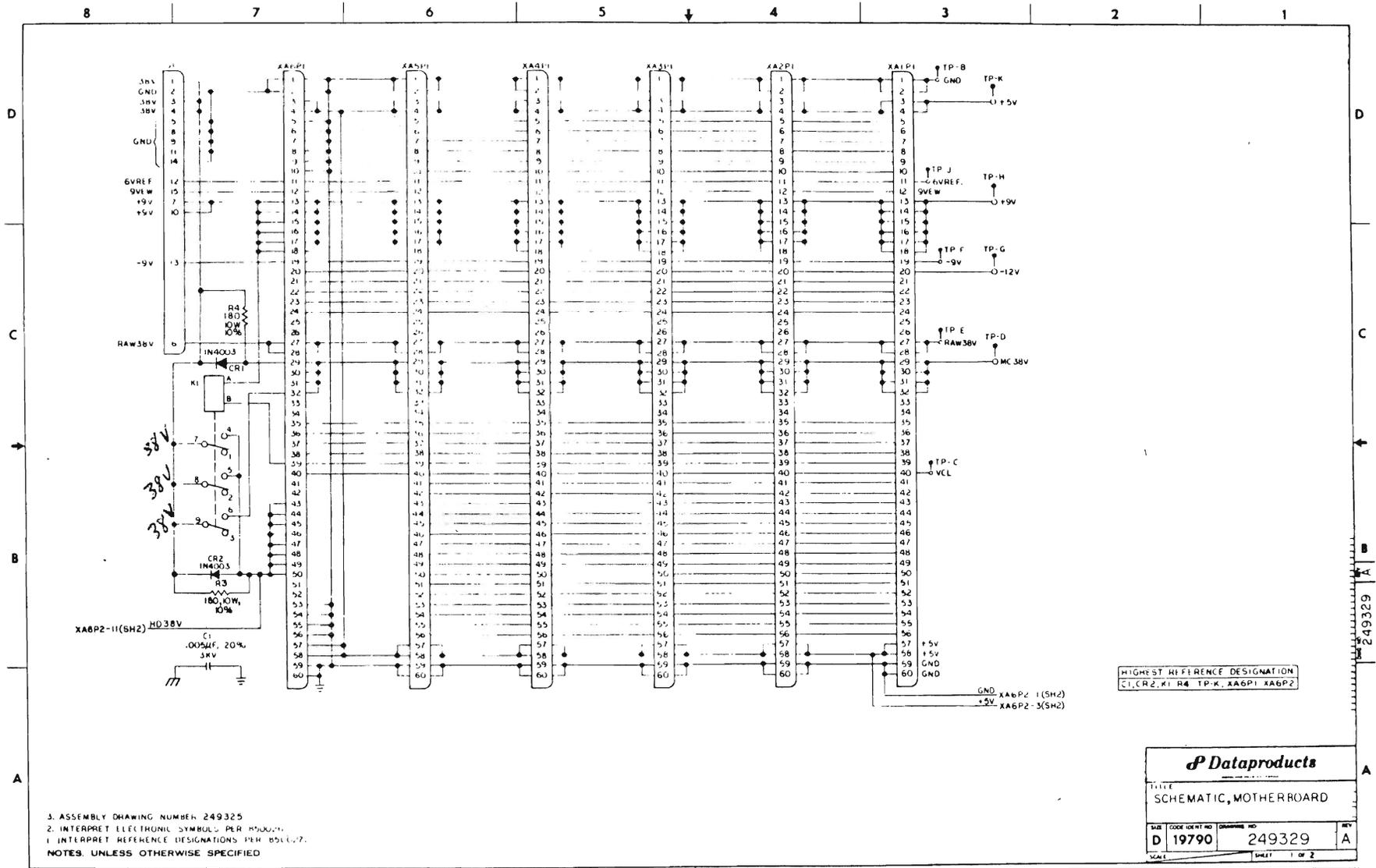
Model B-300
Interim Schematics Package
Figure 6 (SH 2 of 4)
Hammer Driver Board



Model B-300
Interim Schematics Package
Figure 6 (SH 3 of 4)
Hammer Driver Board



Model B-300
Interim Schematics Package
Figure 6 (SH 4 of 4)
Hammer Driver Board



Dataproducts

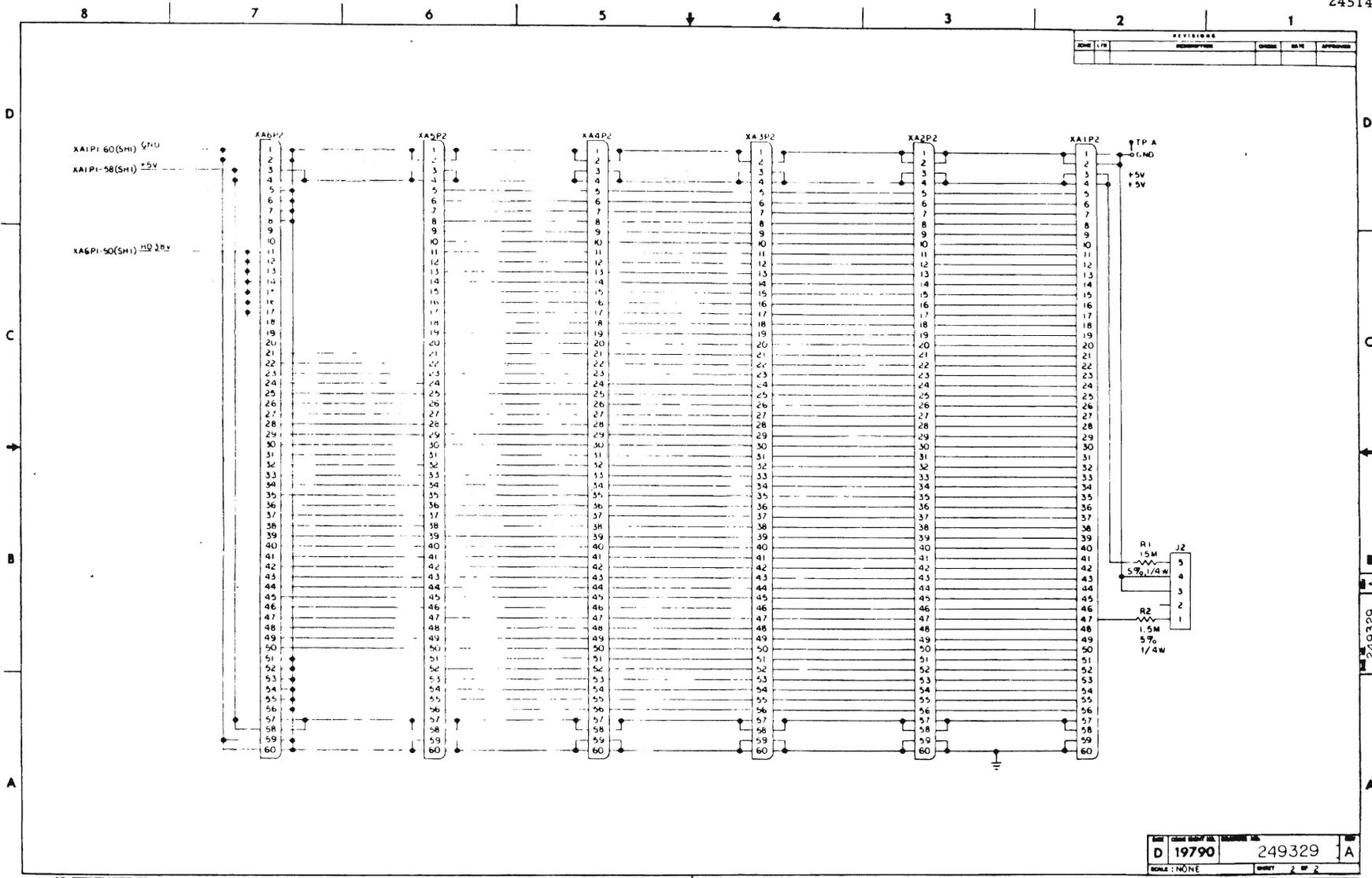
MODEL B-300

SCHEMATIC, MOTHERBOARD

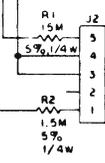
SUB	CODE IDENT NO	DRAWING NO	REV
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SCALE: SHEET 1 OF 2

Model B-300
 Interim Schematics Package
 Figure 7 (SH 1 of 2)
 Motherboard



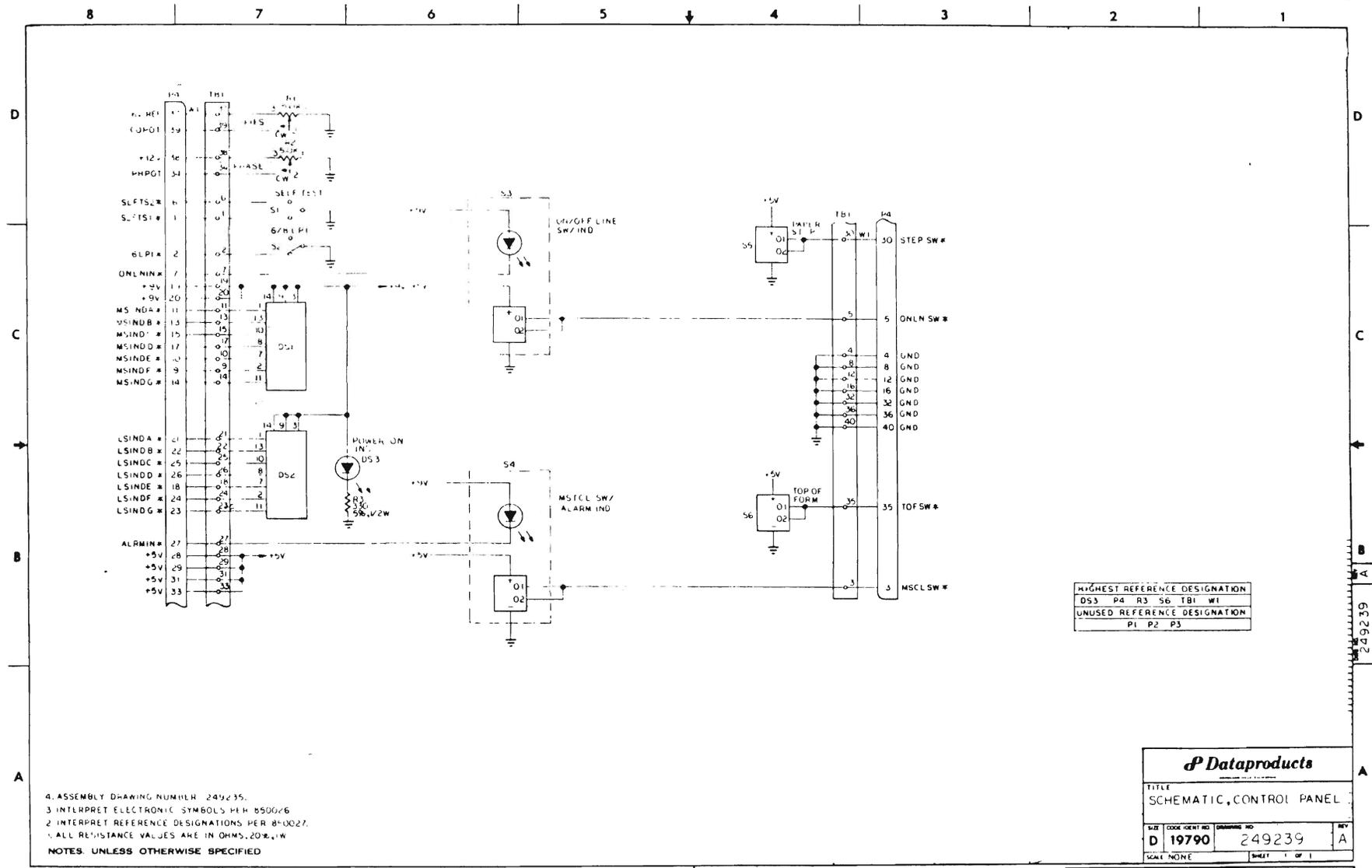
TP A
 GND
 +5V
 +5V



REV	DATE	BY	CHKD	APPVDR
D	19790		249329	A
SCALE: NONE		SHEET 2 OF 2		

Model B-300
 Interim Schematics Package
 Figure 7 (SH 2 of 2)
 Motherboard

249329



HIGHEST REFERENCE DESIGNATION					
D53	P4	R3	S6	TB1	W1
UNUSED REFERENCE DESIGNATION					
P1	P2	P3			

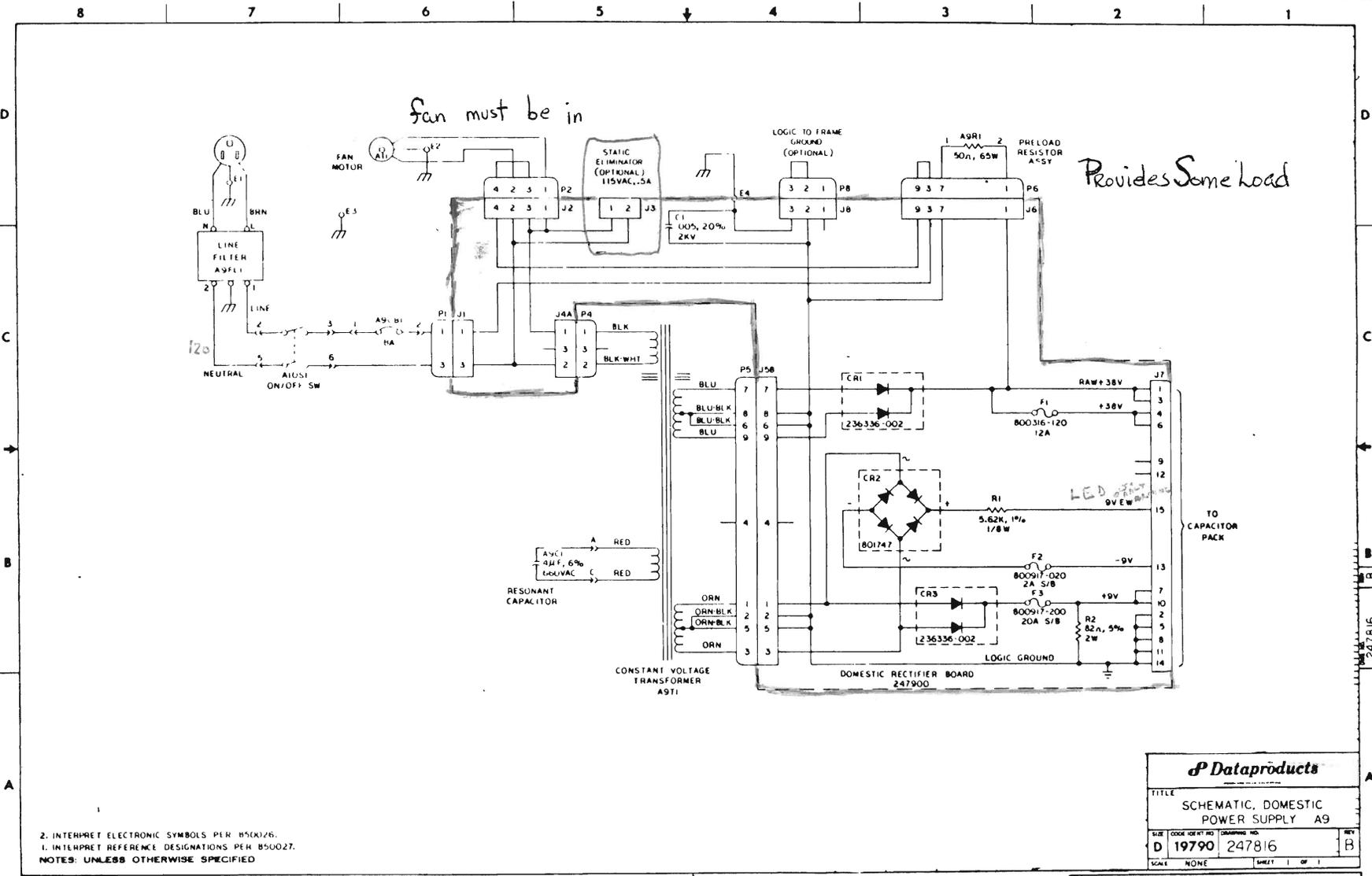
4. ASSEMBLY DRAWING NUMBER 249235.
 3. INTERPRET ELECTRONIC SYMBOLS PER 8500/6
 2. INTERPRET REFERENCE DESIGNATIONS PER 8-0027.
 1. ALL RESISTANCE VALUES ARE IN OHMS, 20% ± W.
 NOTES, UNLESS OTHERWISE SPECIFIED

Dataproducts

TITLE
 SCHEMATIC, CONTROL PANEL

SIZE	CODE IDENT NO	DRAWING NO	REV
D	19790	249239	A
SCALE NONE		SHEET 1 OF 1	

Model B-300
 Interim Schematics Package
 Figure 8 (SH 1 of 1)
 Control Panel



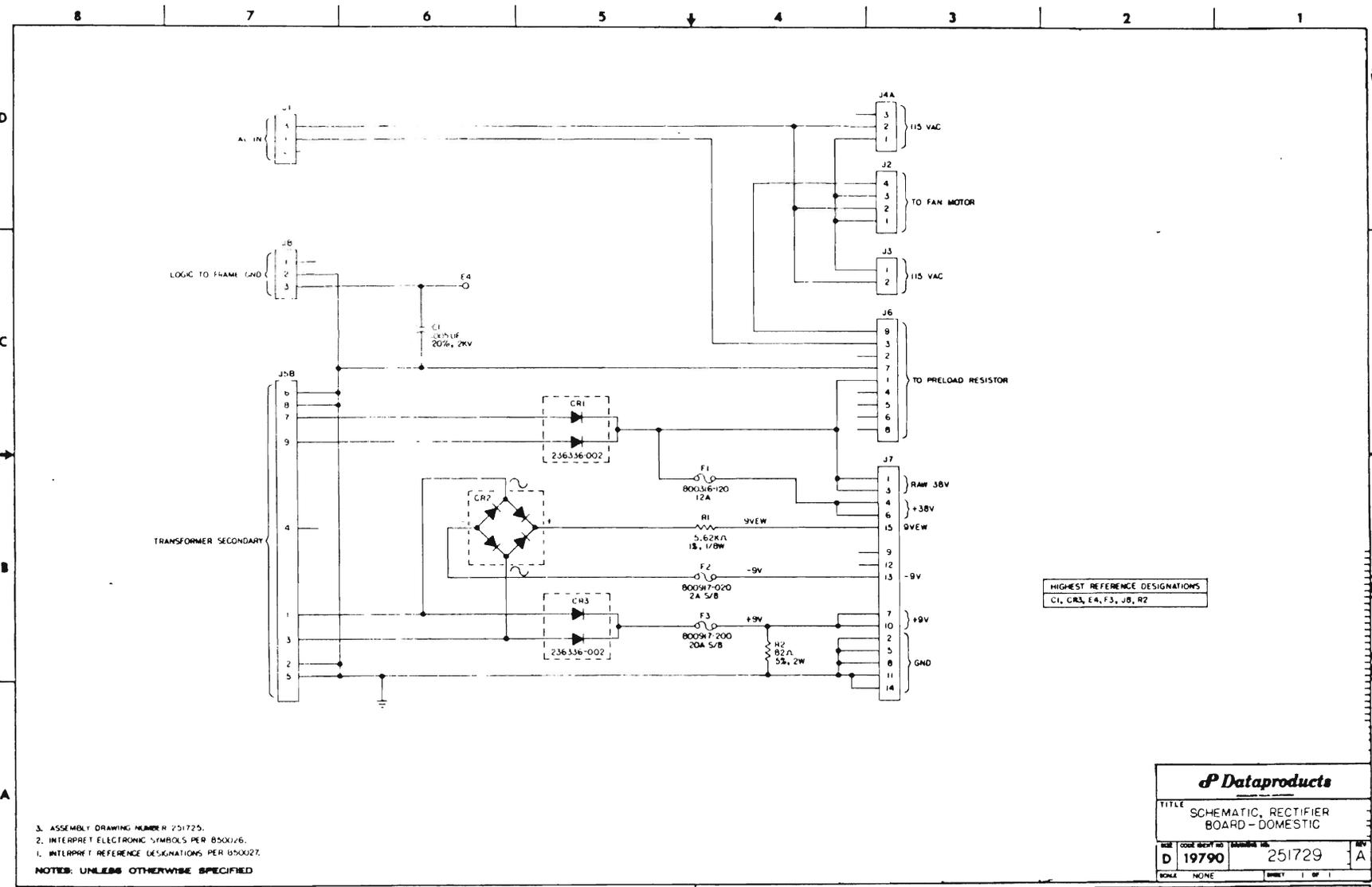
2. INTERPRET ELECTRONIC SYMBOLS PER B50026.
 1. INTERPRET REFERENCE DESIGNATIONS PER B50027.
 NOTES: UNLESS OTHERWISE SPECIFIED

Dataproducts			
TITLE			
SCHEMATIC, DOMESTIC POWER SUPPLY A9			
SIZE	CODE OR HT. NO.	DRAWING NO.	REV.
D	19790	247816	B
SCALE	NONE	SHEET	1 OF 1

Model B-300
 Interim Schematics Package
 Figure 10 (SH 1 of 1)
 Domestic Power Supply

1 — (P)
 2 —
 3 —
 4 —

2 x 4 120V
 3 x 1

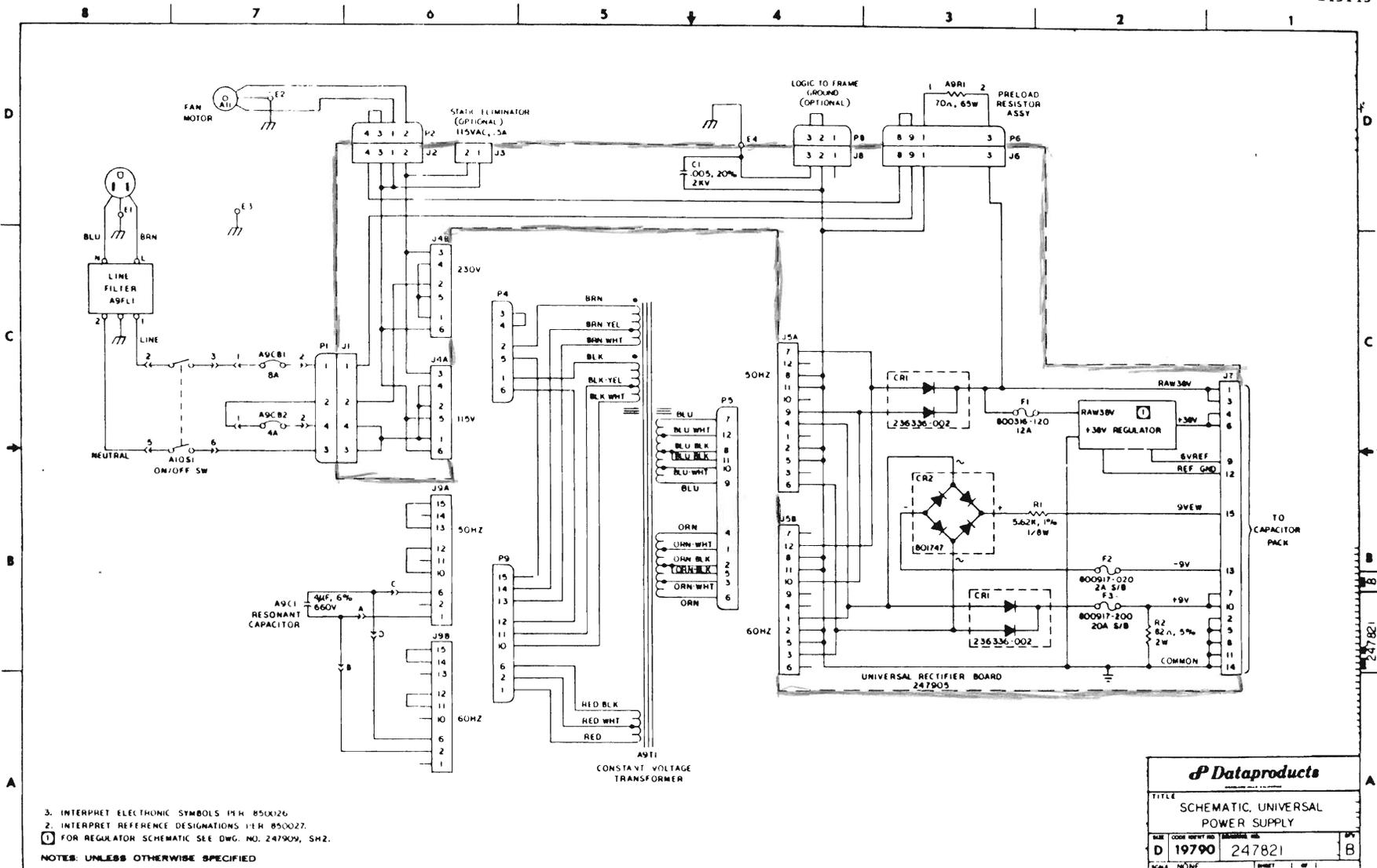


HIGHEST REFERENCE DESIGNATIONS
C1, CR1, E4, F3, J6, R2

3. ASSEMBLY DRAWING NUMBER 251725.
2. INTERPRET ELECTRONIC SYMBOLS PER B50076.
1. INTERPRET REFERENCE DESIGNATIONS PER B50027.
NOTES: UNLESS OTHERWISE SPECIFIED

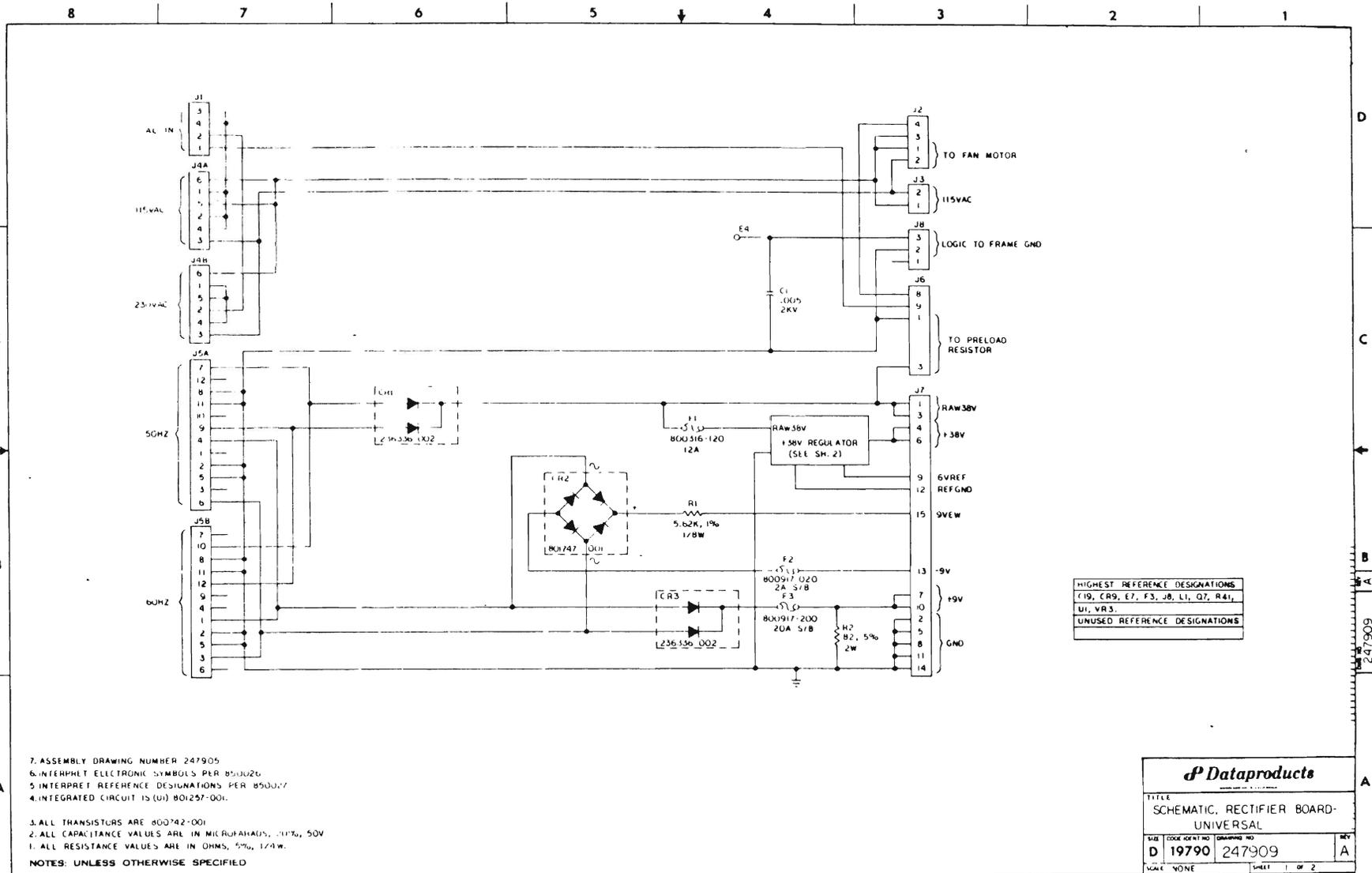
Dataproducts			
TITLE SCHEMATIC, RECTIFIER BOARD - DOMESTIC			
SIZE	CODE	WORK NO.	REV
D	19790	251729	A
SOLE	NONE	SHIPPED	1 OF 1

Model B-300
Interim Schematics Package
Figure 11 (SH 1 of 1)
Domestic Rectifier Board



Dataproducts			
TITLE SCHEMATIC, UNIVERSAL POWER SUPPLY			
REV	DATE	BY	CHK
D	19790	247821	B
SCALE NONE		SHEET 1 of 1	

Model B-300
 Interim Schematics Package
 Figure 12 (SH 1 of 1)
 Universal Power Supply



HIGHEST REFERENCE DESIGNATIONS
C1, C2, C3, E7, F3, J8, L1, Q7, R41,
U1, VR3
UNUSED REFERENCE DESIGNATIONS

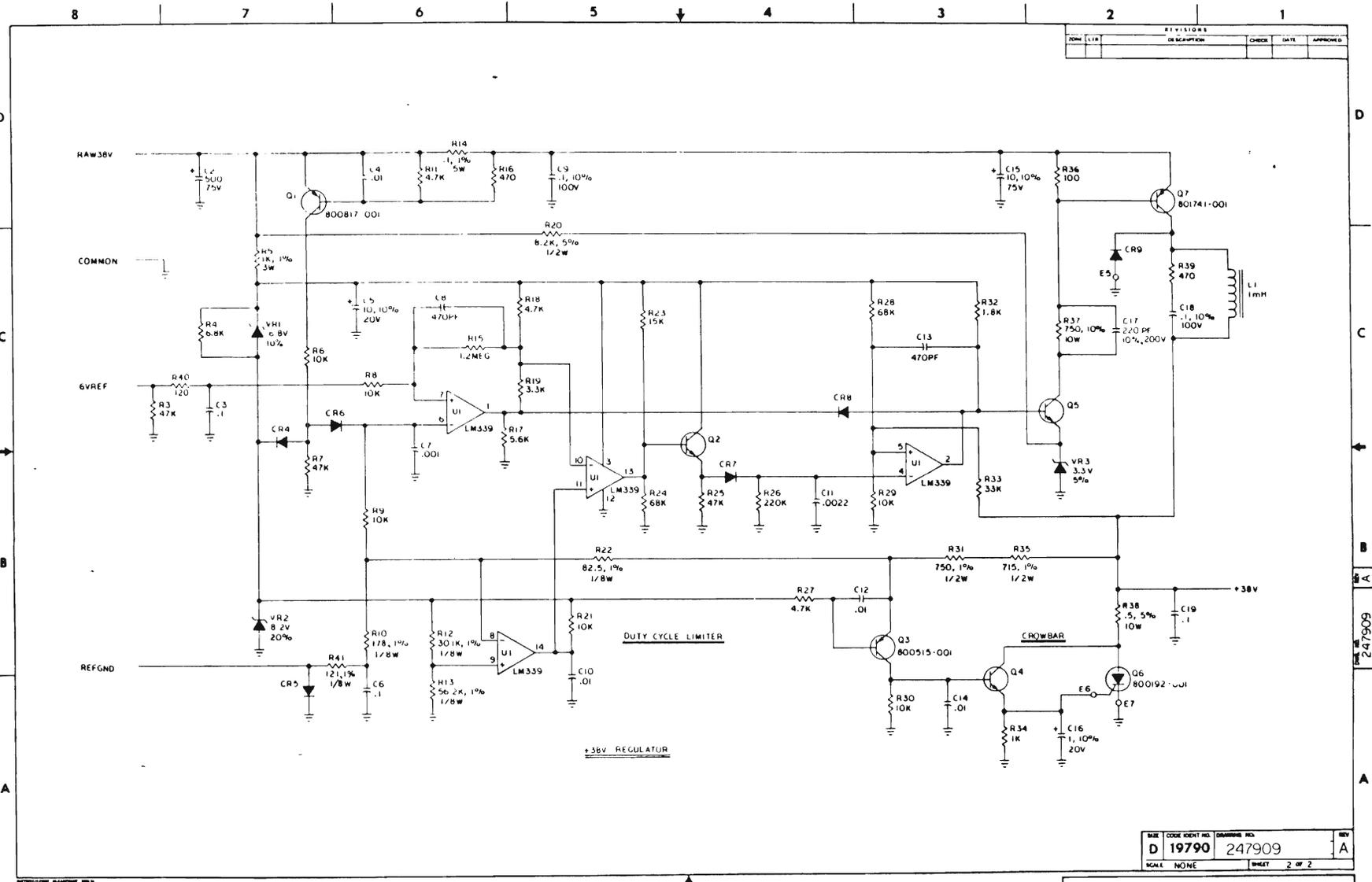
7. ASSEMBLY DRAWING NUMBER 247905
 6. INTERPRET ELECTRONIC SYMBOLS PER 850026
 5. INTERPRET REFERENCE DESIGNATIONS PER 850027
 4. INTEGRATED CIRCUIT IS (U1) 801257-001.

3. ALL TRANSISTORS ARE 800742-001
 2. ALL CAPACITANCE VALUES ARE IN MICROFARADS, 20%, 50V
 1. ALL RESISTANCE VALUES ARE IN OHMS, 5%, 1/4W.

NOTES: UNLESS OTHERWISE SPECIFIED

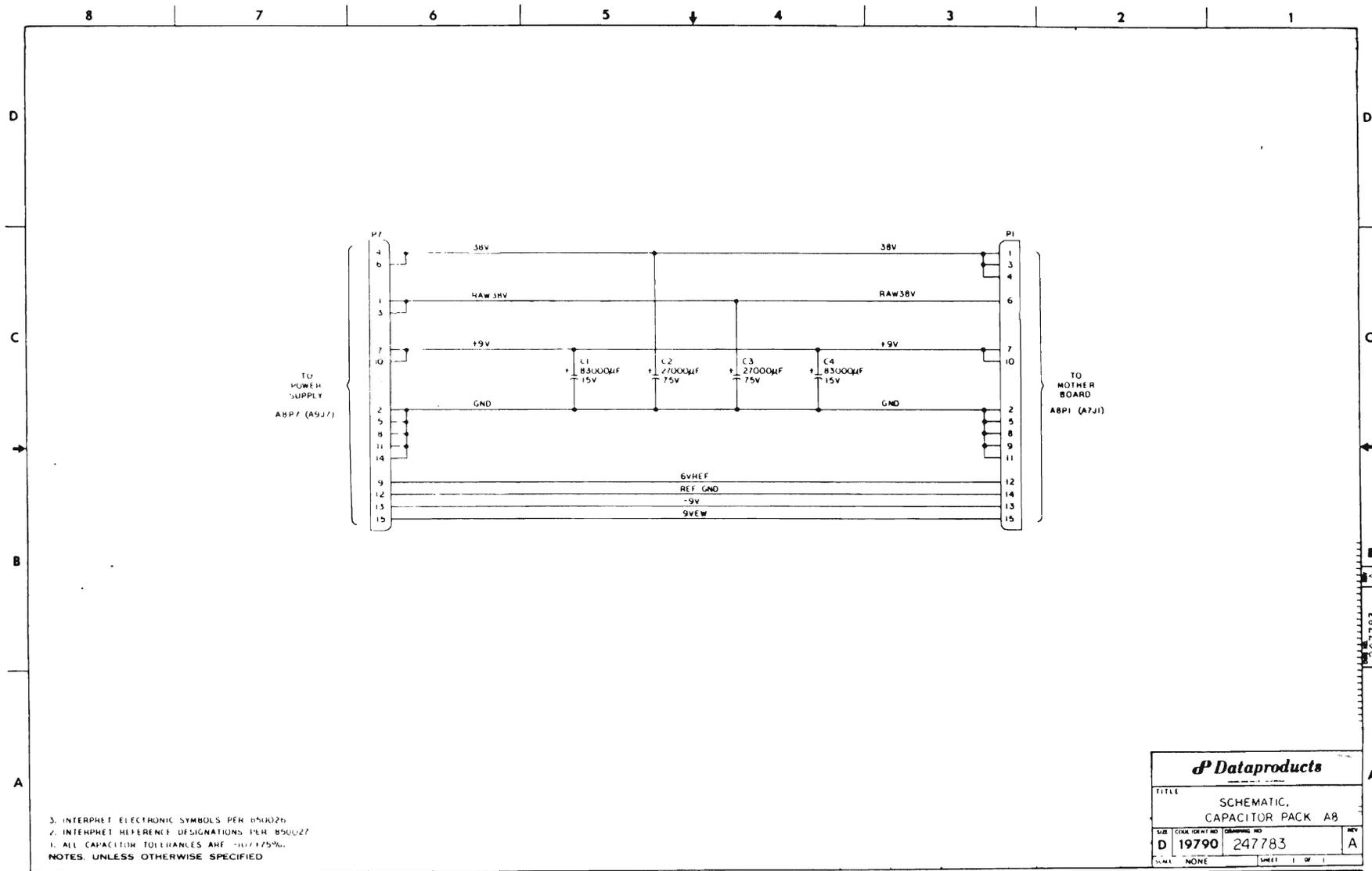
Dataproducts			
TITLE SCHEMATIC, RECTIFIER BOARD- UNIVERSAL			
SIZE	CODE IDENT NO	DRAWING NO	REV
D	19790	247909	A
SCALE	NONE	SHEET	1 OF 2

Model B-300
 Interim Schematics Package
 Figure 13 (SH 1 of 2)
 Universal Rectifier Board



Model B-300
 Interim Schematics Package
 Figure 13 (SH 2 of 2)
 Universal Rectifier Board

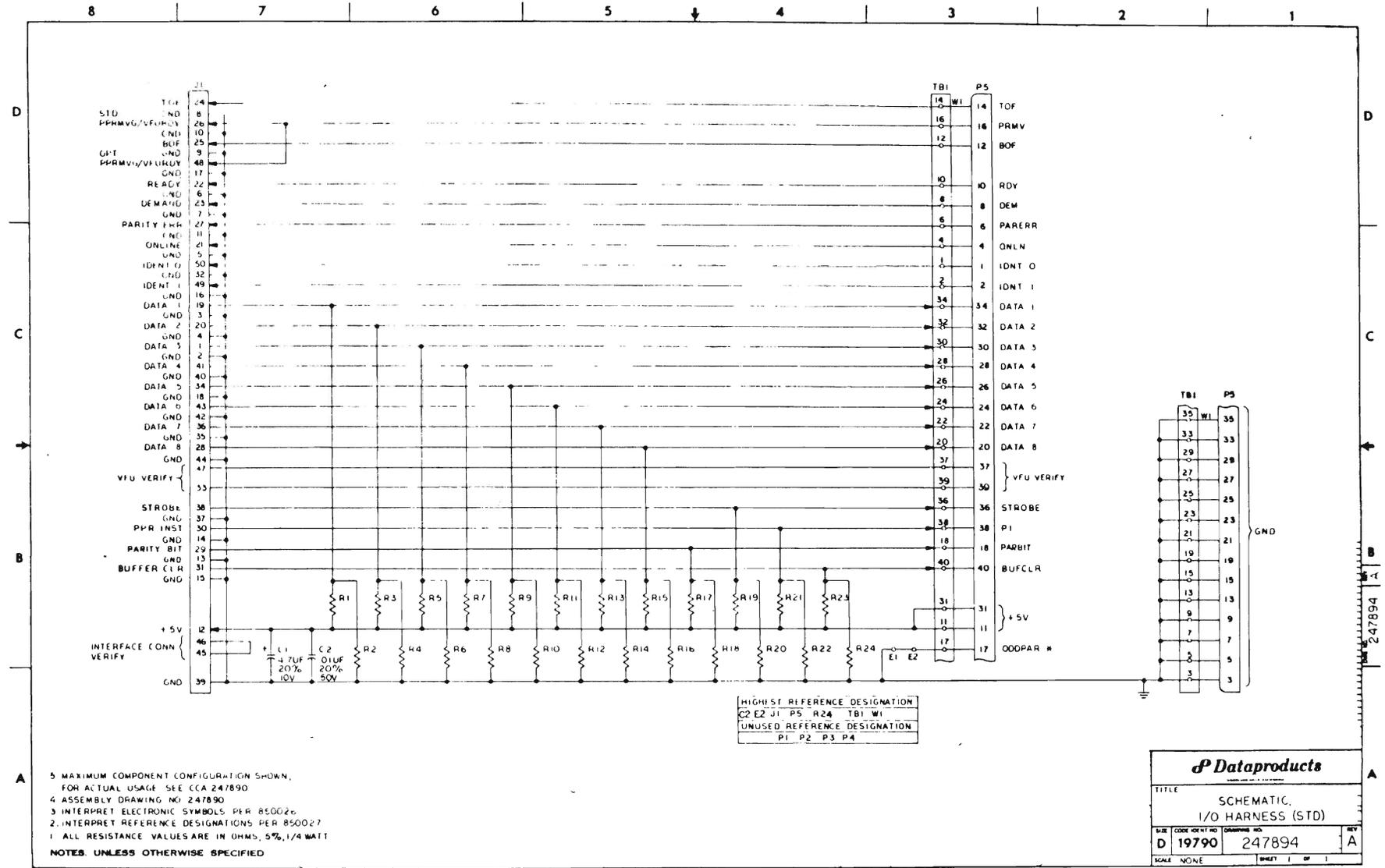
SIZE	CODE IDENT NO.	DATE	REV
D	19790	247909	A
SCALE	NONE	SHEET	2 OF 2



3. INTERPRET ELECTRONIC SYMBOLS PER B50026
 2. INTERPRET REFERENCE DESIGNATIONS PER B50027
 1. ALL CAPACITOR TOLERANCES ARE $\pm 10\%$ UNLESS OTHERWISE SPECIFIED

Dataproducts			
TITLE SCHEMATIC, CAPACITOR PACK A8			
SIZE	CONTROL IDENT NO	PACKAGE NO	REV
D	19790	247783	A
SCALE	NONE		SHEET 1 OF 1

Model B-300
 Interim Schematics Package
 Figure 14 (SH 1 of 1)
 Capacitor Pack



5 MAXIMUM COMPONENT CONFIGURATION SHOWN.
 FOR ACTUAL USAGE SEE CCA 247890
 4 ASSEMBLY DRAWING NO 247890
 3 INTERPRET ELECTRONIC SYMBOLS PER 850026
 2 INTERPRET REFERENCE DESIGNATIONS PER 850027
 1 ALL RESISTANCE VALUES ARE IN OHMS, 5%, 1/4 WATT

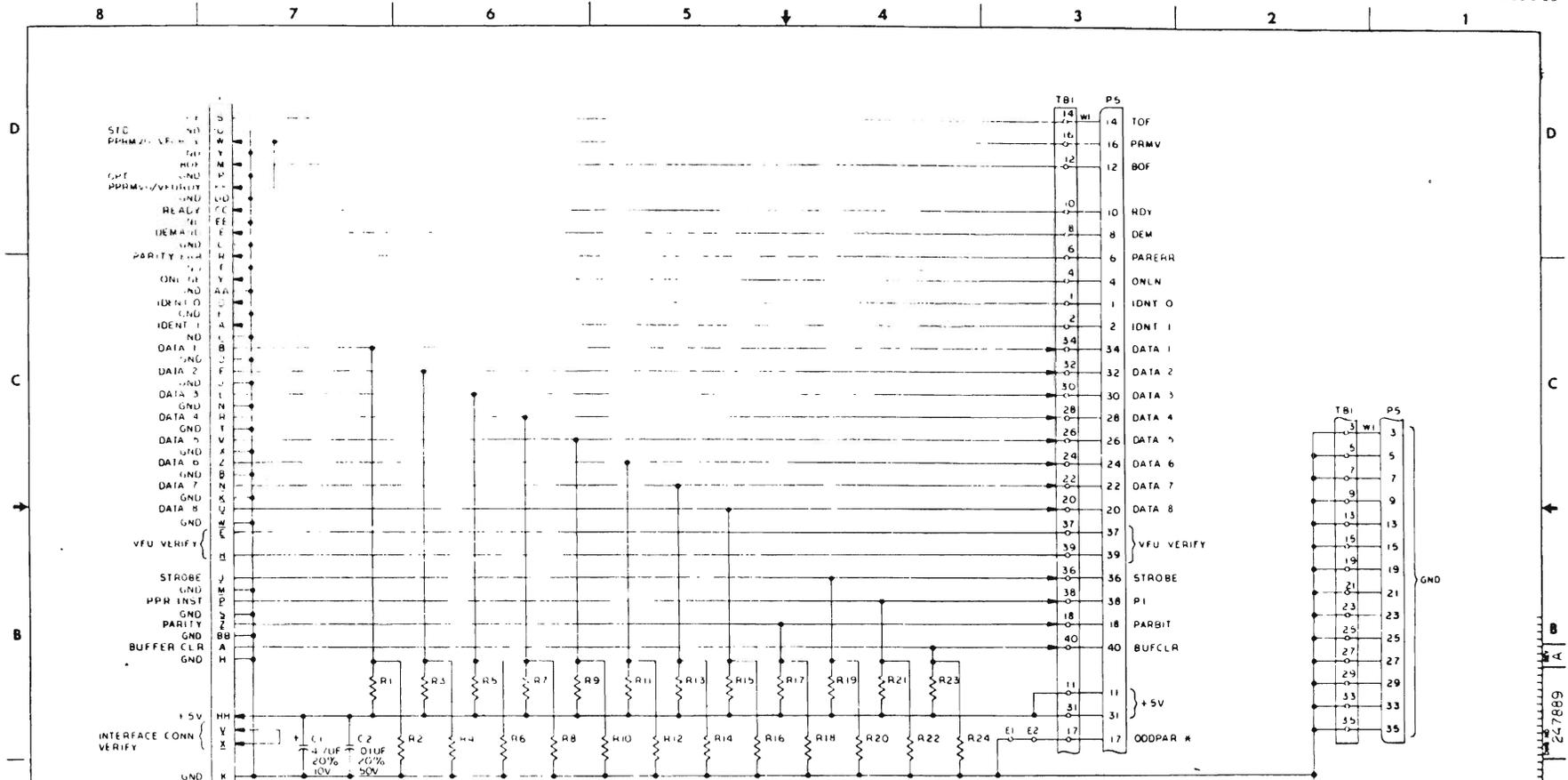
NOTES, UNLESS OTHERWISE SPECIFIED

Dataproducts

TITLE
 SCHEMATIC,
 I/O HARNESS (STD)

SIZE	CODE OR INT NO	DRAWING NO	REV
D	19790	247894	A
SCALE NONE		SHEET 1 OF 1	

Model B-300
 Interim Schematics Package
 Figure 15 (SH 1 of 1)
 I/O Harness (STD)



HIGHEST REFERENCE DESIGNATIONS
 C2, E2, J1, P5, R24, I11, W1
 UNUSED REFERENCE DESIGNATIONS
 P1, P2, P3, P4

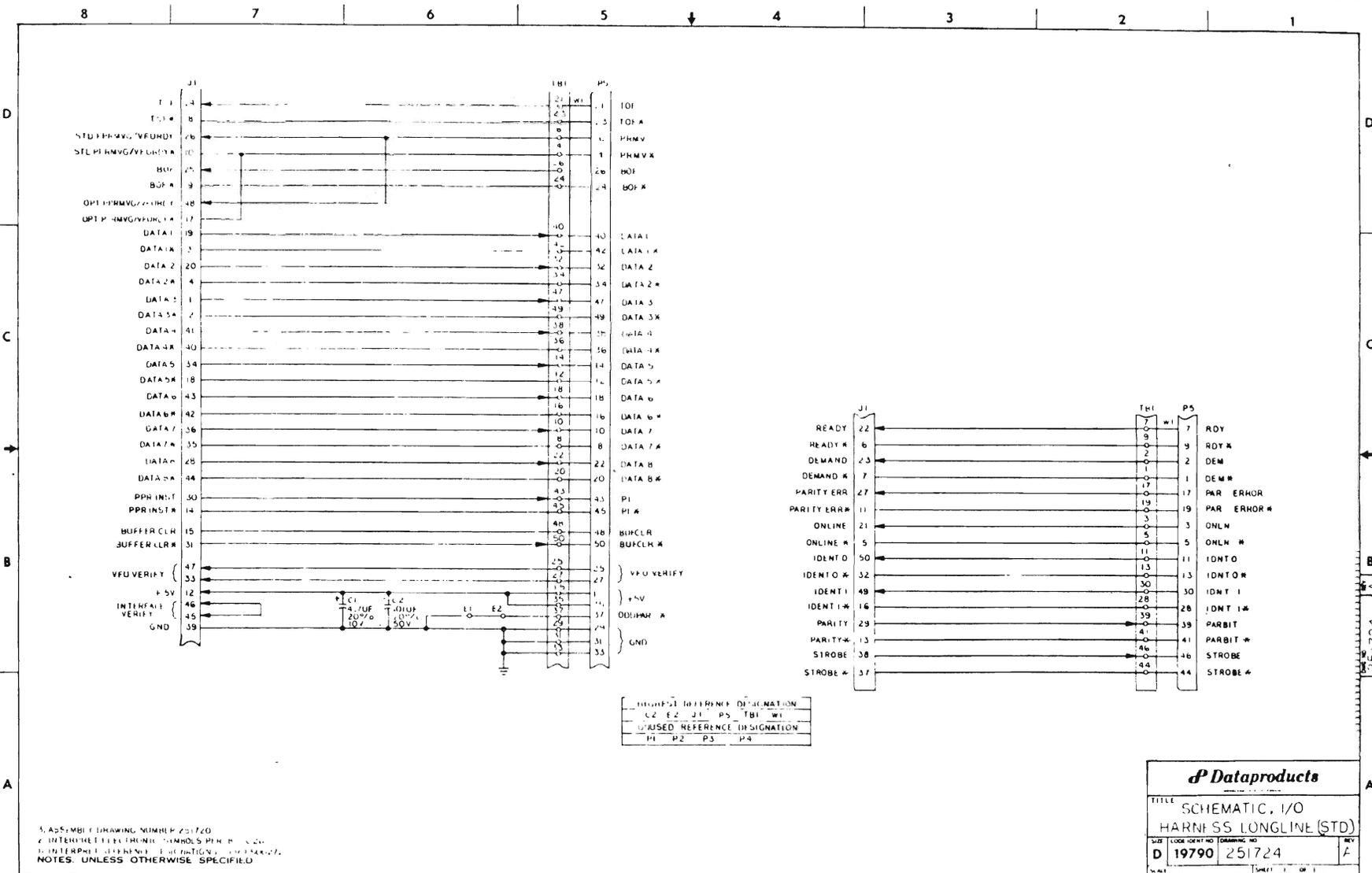
- 5 MAXIMUM COMPONENT CONFIGURATION SHOWN.
 FOR ACTUAL USAGE SEE CCA 247885
 1 ASSEMBLY DRAWING NO 247885
 2 INTERPRET ELECTRONIC SYMBOLS PER MS0026
 3 INTERPRET REFERENCE DESIGNATIONS PER BR0027
 4 ALL RESISTORS ARE 5%/1/4W
- NOTES: UNLESS OTHERWISE SPECIFIED

Dataproducts

TITLE
 SCHEMATIC,
 I/O HARNESS-OPTIONAL

SIZE	LOGS IDENT NO	DRAWING NO	REV
D	19790	247889	A
SCALE	NONE	SHEET	1 OF 1

Model B-300
 Interim Schematics Package
 Figure 16 (SH 1 of 1)
 I/O Harness Optional



1. ASSEMBLY DRAWING NUMBER 251720
 2. INTERPRET ELECTRICAL SYMBOLS PER MIL-STD-883C
 3. INTERPRET REFERENCE DESIGNATION PER MIL-STD-883C
 NOTES: UNLESS OTHERWISE SPECIFIED

Model B-300
 Interim Schematics Package
 Figure 17 (SH 1 of 1)
 I/O Harness Longline (STD)