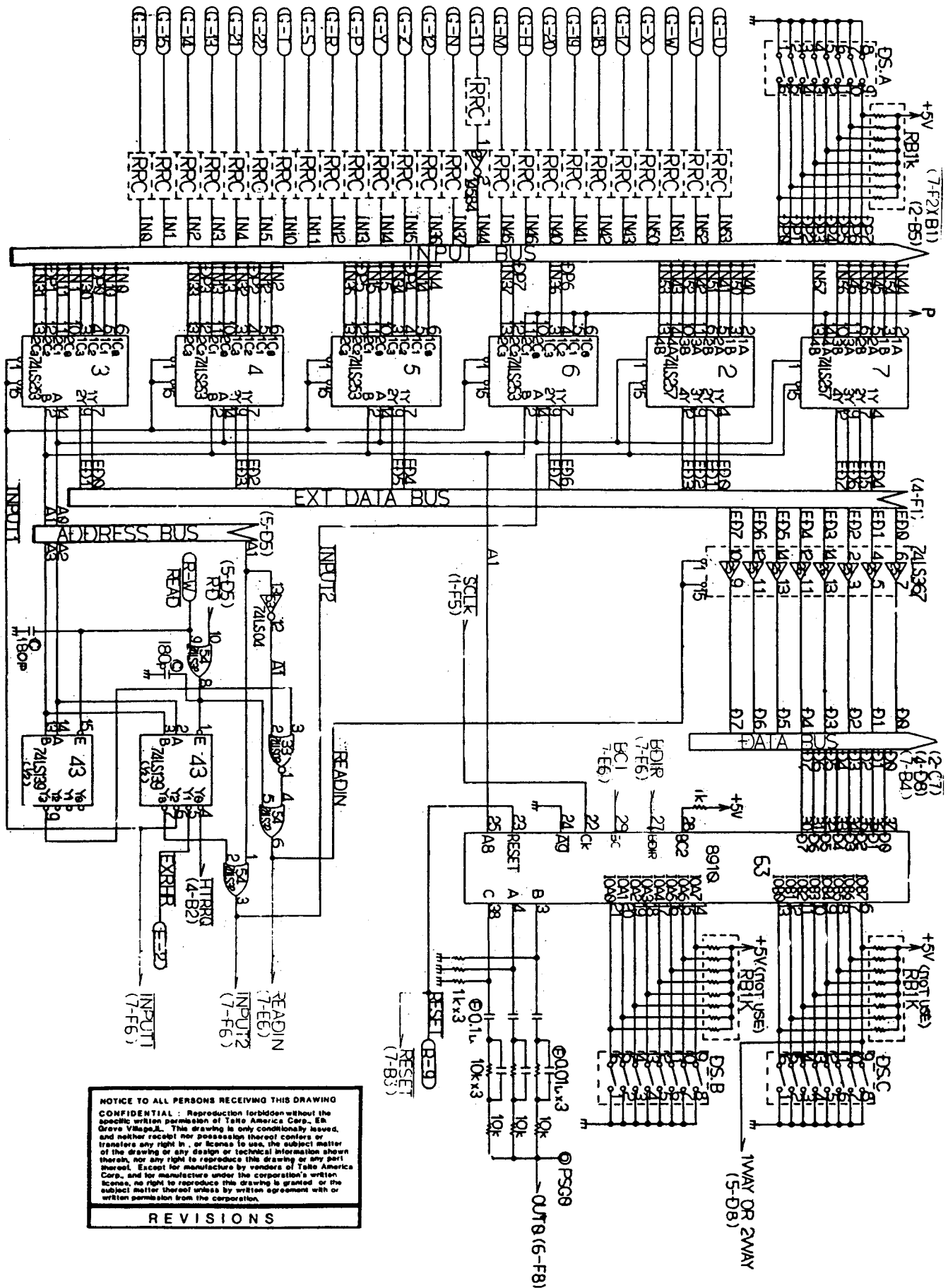
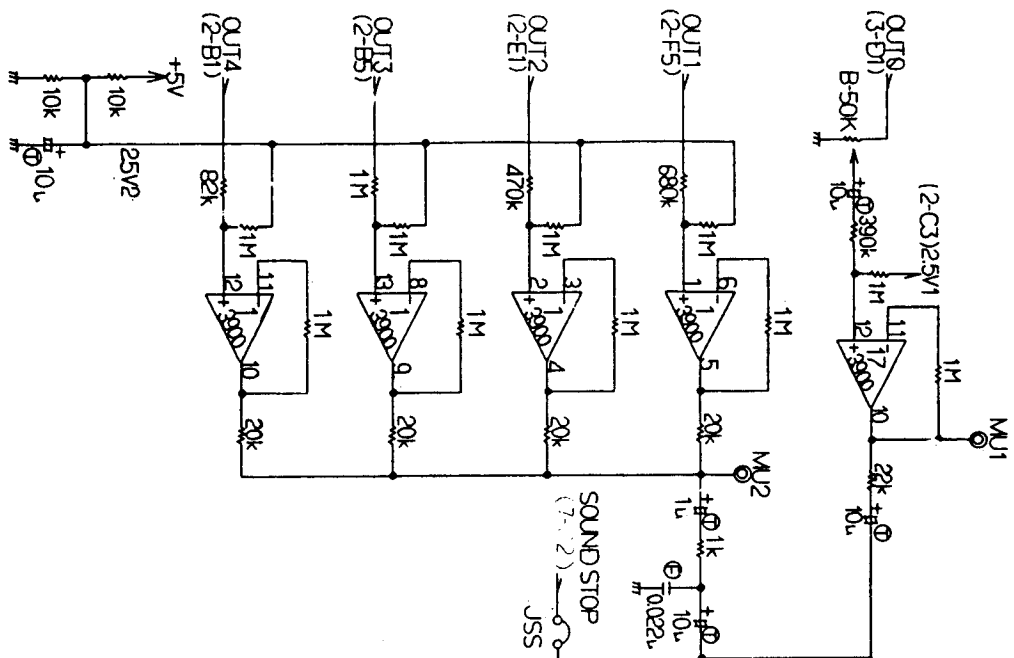


GAME PC BOARD SCHEMATIC 3 of 7
FIGURE 22



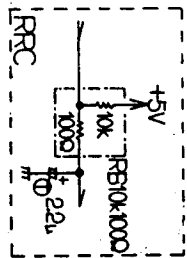
GAME PC BOARD SCHEMATIC 6 of 7

FIGURE 22

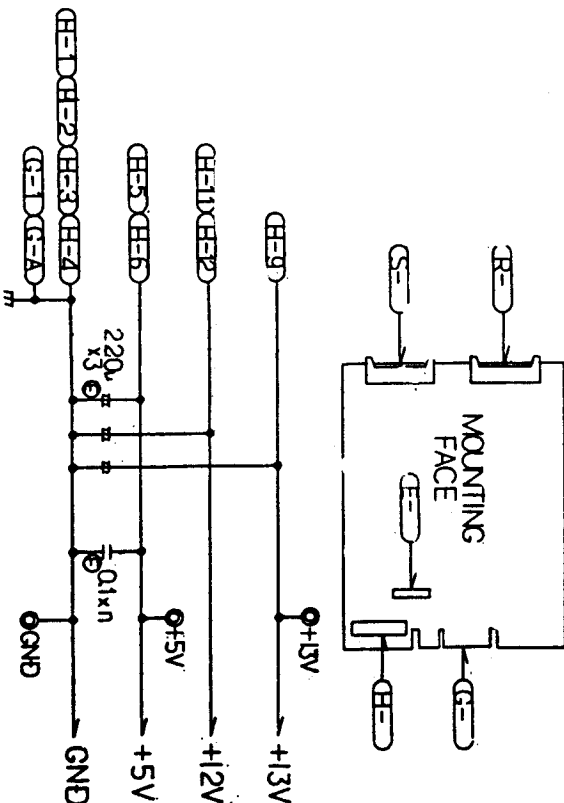
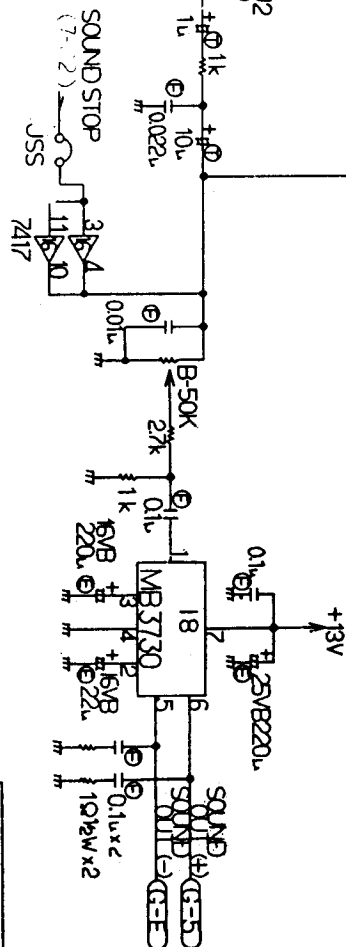


- ⓔ FILM
- Ⓢ CERAMIC
- Ⓣ TANTALUM
- ⓔ ELECTROLYTIC

NOTE 1 CAP.



NOTE 2 RRC

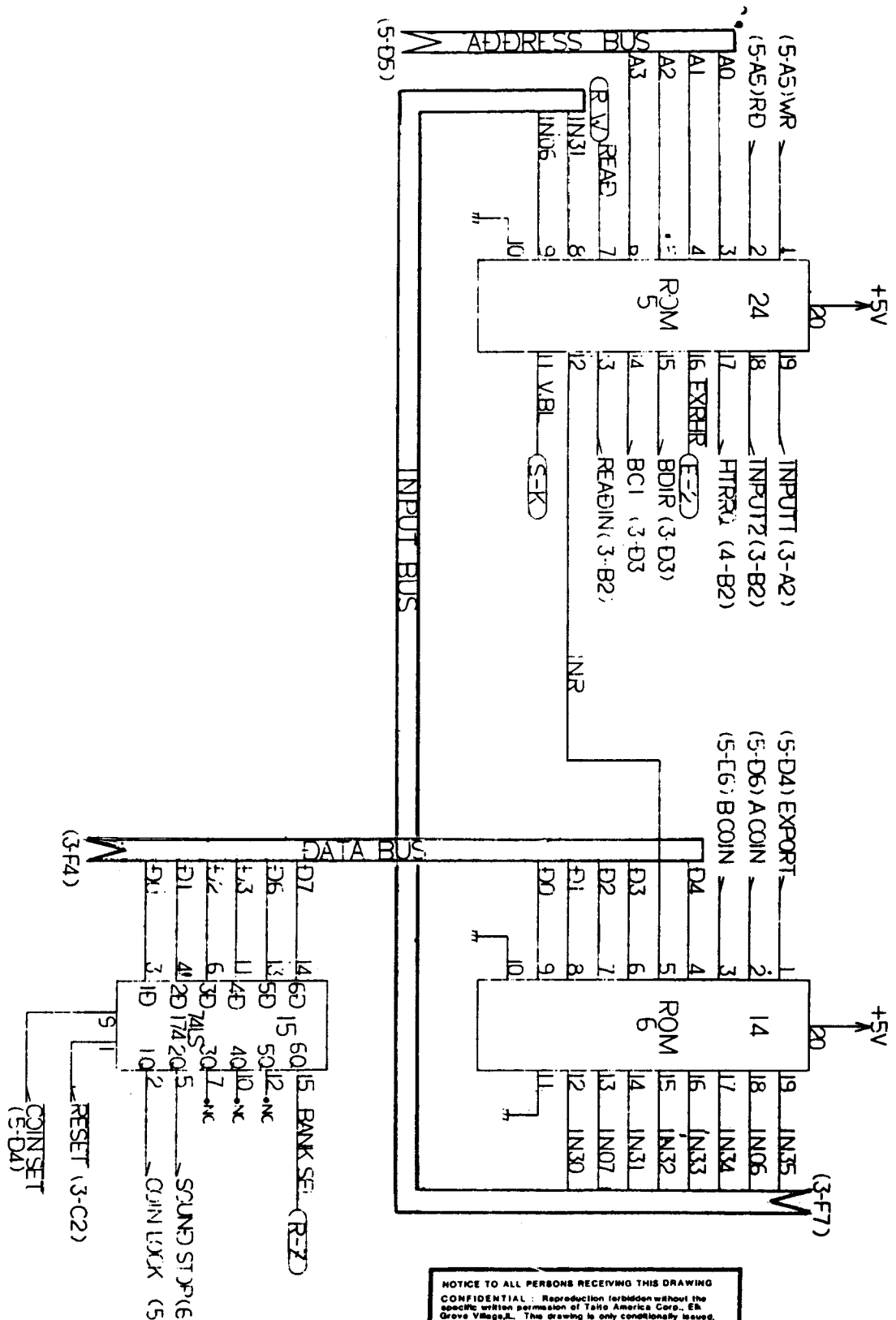


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GAME PC BOARD SCHEMATIC 7 of 7

FIGURE 22



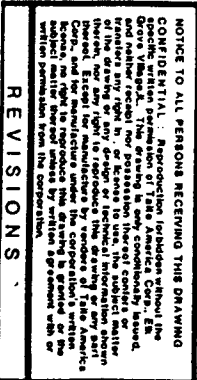
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VIDEO BOARD FOUR AND FIVE BOARD SYSTEMS

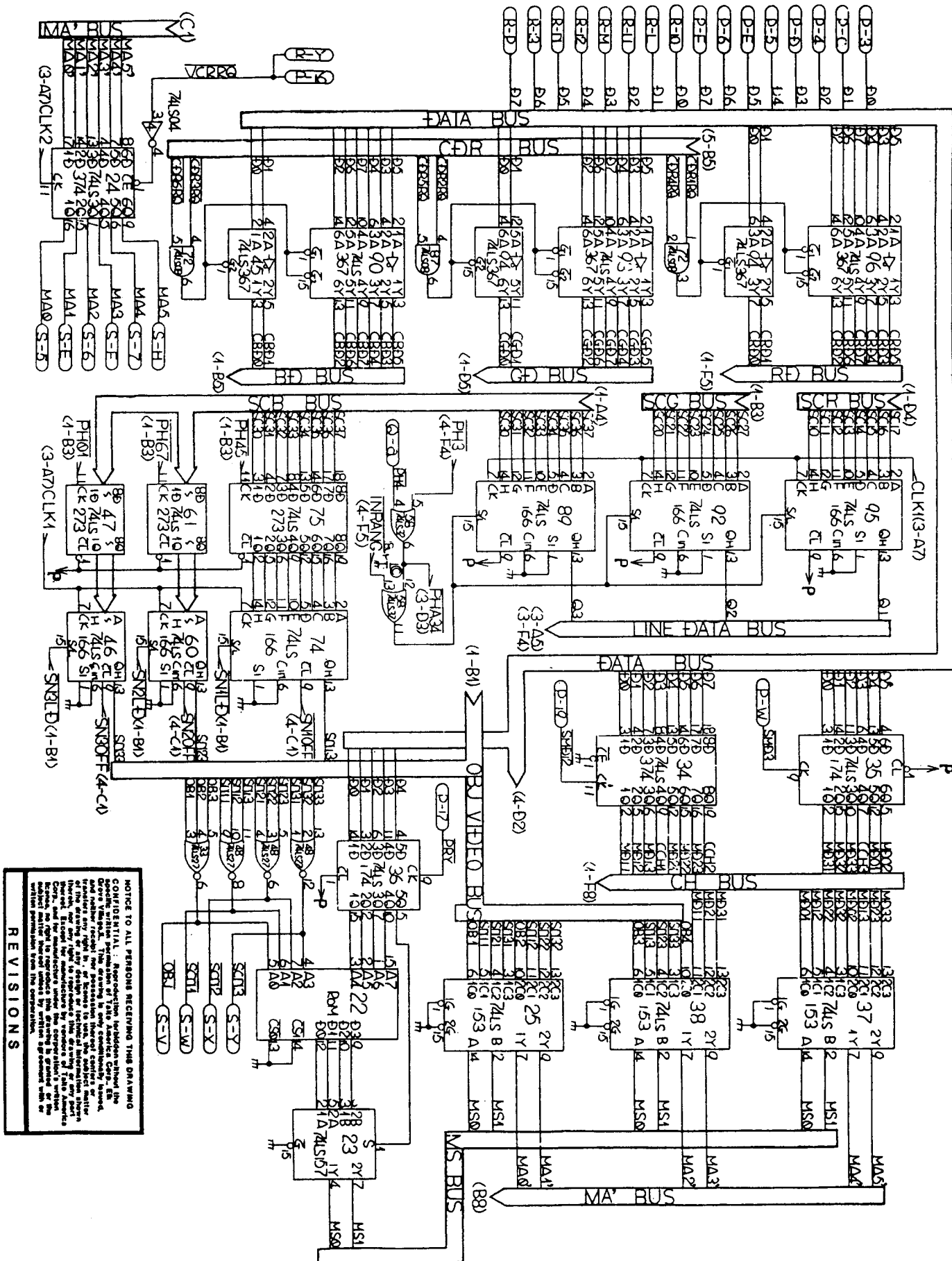
FIGURE 23

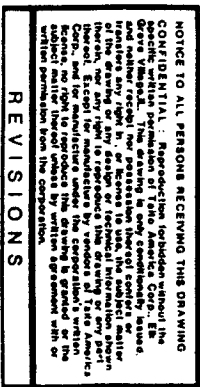
ITEM	REF	TAITO PART NO.	DESCRIPTION
1	C1	99-A1000135A	CAP, ELECTRO 220uf 16V
2	C2	99-A1200245A	CAP, CER DISC 100pf 50V
3	C3	99-A1200251A	CAP, CER DISC 180pf 50V
4	C4	99-A1200317A	CAP, CER DISC .1uf 50V
5	C5	99-A1320607A	CAP, TANT 1uf 25V
6	R1	11-00001-101	RES, 100 ohm 1/4W 5%
7	R2	11-00001-471	RES, 470 ohm 1/4W 5%
8	R3	11-00001-102	RES, 1K 1/4W 5%
9	IC1	15-20000-001	74LS00
10	IC2	15-20002-001	74LS02
11	IC3	15-20004-001	74LS04
12	IC4	15-20008-001	74LS08
13	IC5	15-20010-001	74LS10
14	IC6	15-20020-001	74LS20
15	IC7	15-20027-001	74LS27
16	IC8	15-20030-001	74LS30
17	IC9	15-20032-001	74LS32
18	IC10	15-70074-001	74S74
19	IC11	15-20083-001	74LS83
20	IC12	15-20086-001	74LS86
21	IC13	15-20139-001	74LS139
22	IC14	15-20153-001	74LS153
23	IC15	15-20157-001	74LS157
24	IC16	15-20163-001	74LS163
25	IC17	15-20164-001	74LS164
26	IC18	15-20166-001	74LS166
27	IC19	15-20174-001	74LS174
28	IC20	15-20175-001	74LS175
29	IC21	15-20253-001	74LS253
30	IC22	15-20273-001	74LS273
31	IC23	15-20367-001	74LS367
32	IC24	99-B01N0374A	74LS374 A,B,C
33	IC25	15-20074-001	74LS74
34	IC26	15-30367-001	74367
35	IC27	15-10003-001	RAM 2114-2
36	IC28	99-B10F0019A	RAM 2016 C,D,F,G
37	IC29	99-B11J0006A	RAM 93422
38	ROM	16-00020-001	ROM EB16
39	IS1	26-00001-016	IC SOCKET 16P
40	IS2	26-00001-022	IC SOCKET 22P
41	IS3	26-00001-024	IC SOCKET 24P
42	TP	99-C0600403A	TEST POINT

FIGURE 23

VIDEO PC BOARD SCHEMATIC 2 of 5

FIGURE 23





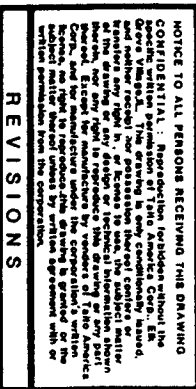
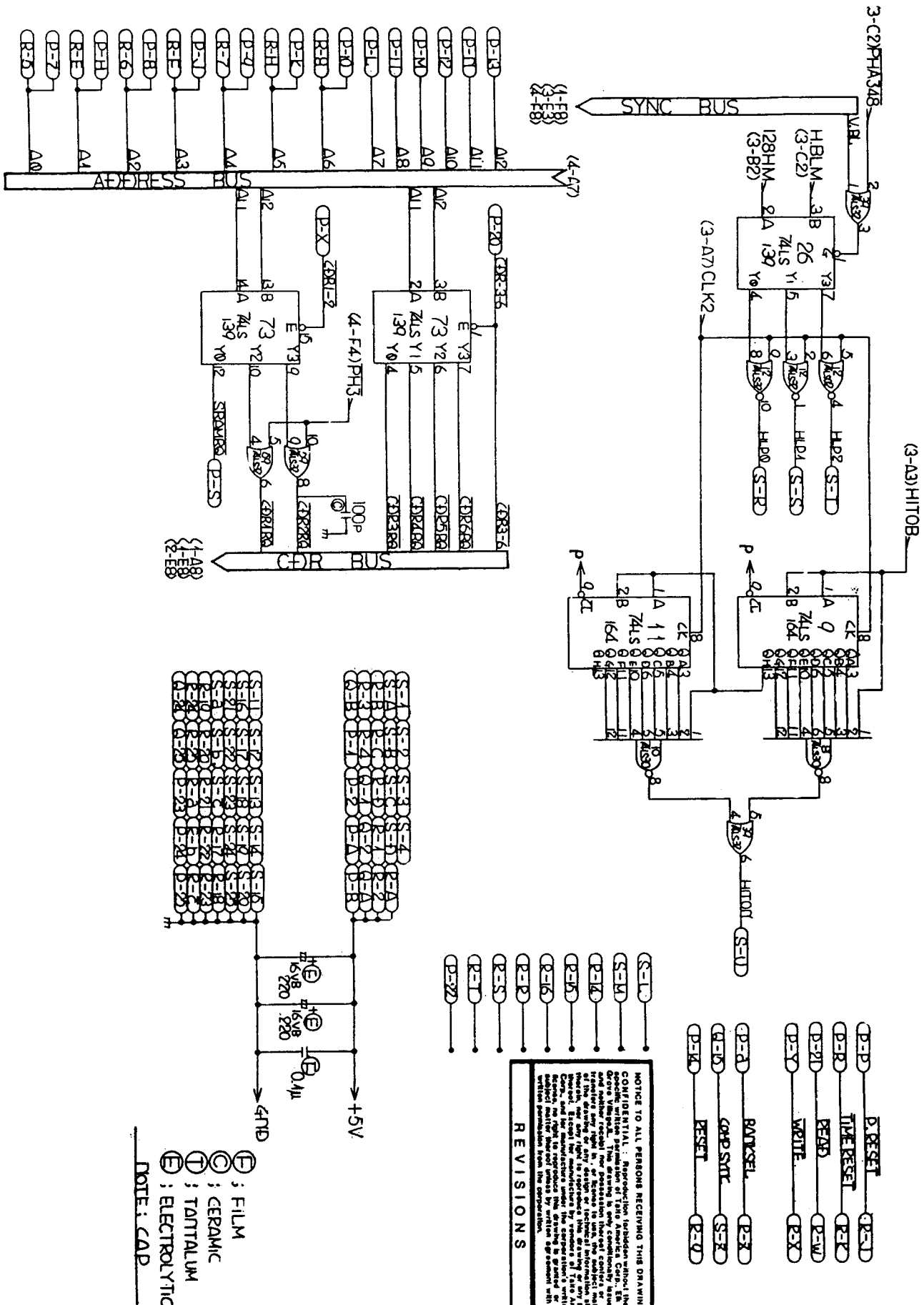
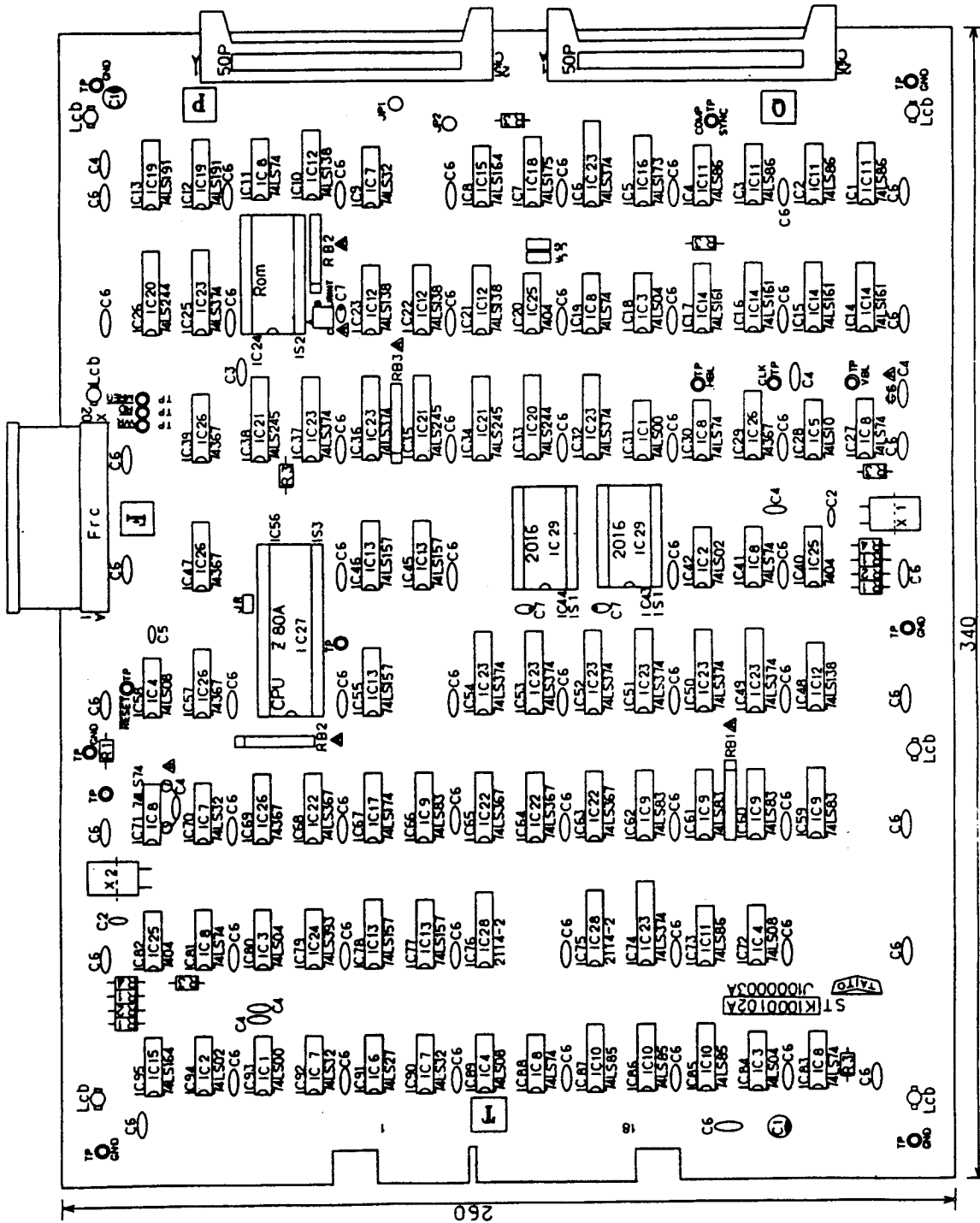


FIGURE 23



CPU BOARD COMPONENT LAYOUT (4 BOARD SYSTEM) FIGURE 24



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NOTE: RESISTOR BLOCK

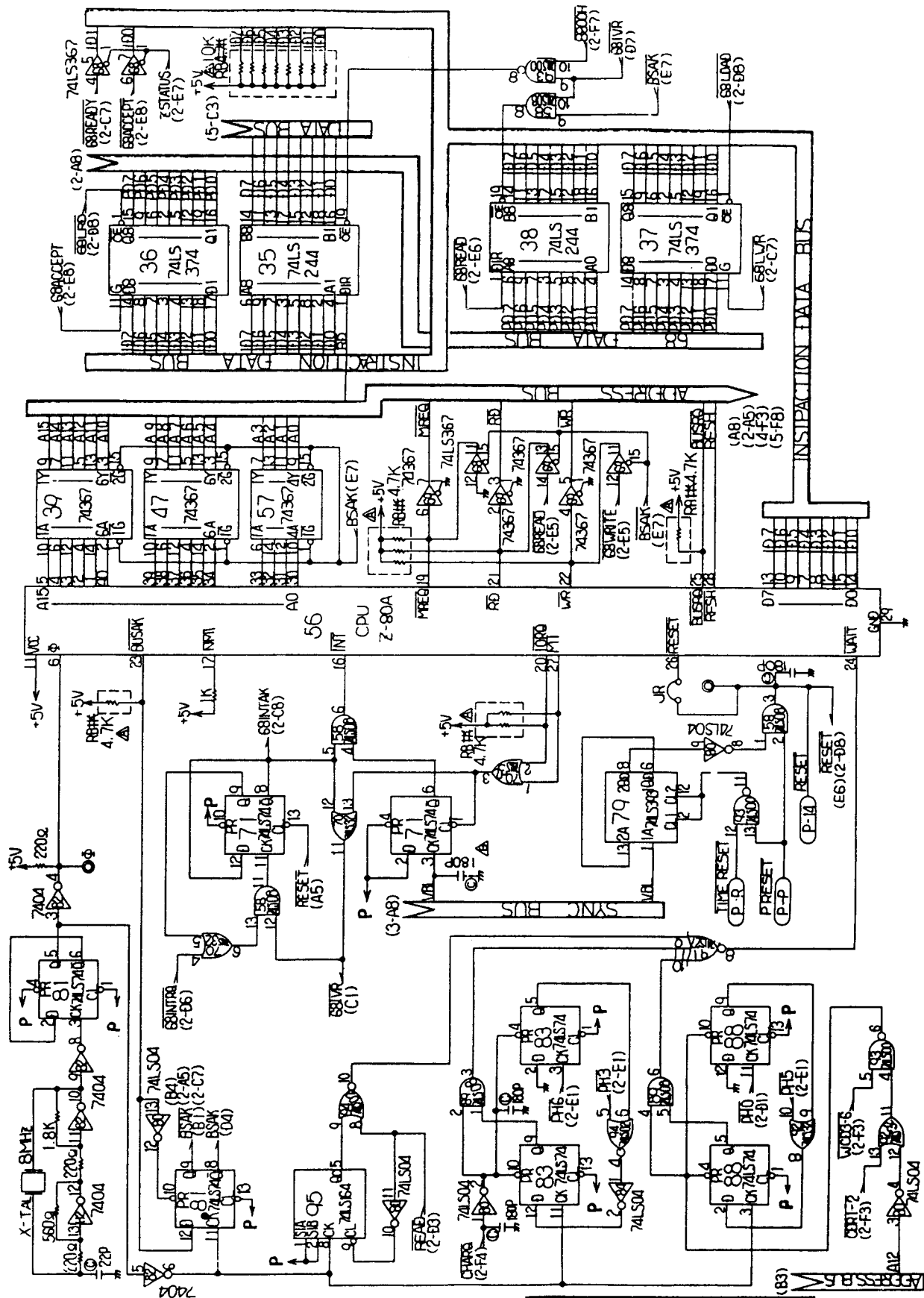
NOTE: CAP

CPU BOARD FOUR BOARD SYSTEM
FIGURE 24

ITEM	REF	TAITO PART NO.	DESCRIPTION
1		99-AA017809	CPU PCB
2	C1	99-A1000135A	CAP, ELECTRO 220uf 16V
3	C2	99-A1200229A	CAP, CER DISC 22pf 50V
4	C3	99-A1200245A	CAP, CER DISC 100pf 50V
5	C4	99-A1200251A	CAP, CER DISC 180pf 50V
6	C5	99-A1200257A	CAP, CER DISC 330pf 50V
7	C6	99-A1200317A	CAP, CER DISC .1uf 50V
8	C7	99-A1320507A	CAP, TANT 1uf 25V
9	R1	11-00001-221	RES, 220 ohm 1/4W 5%
10	R2	11-00001-561	RES, 560 ohm 1/4W 5%
11	R3	11-00001-102	RES, 1K 1/4W 5%
12	R4	11-00001-182	RES, 18K 1/4W 5%
13	RB1	99-A2231065A	RES, SIP 1K
14	RB2	99-A2231081A	RES, SIP 4.7K
15	RB3	99-A2231089A	RES, SIP 10K
16	X1	99-A9000070A	X-TAL 12MHZ
17	X2	99-A9000072A	X-TAL 8 MHZ
18	IC1	15-20000-001	74LS00
19	IC2	15-20002-001	74LS02
20	IC3	15-20004-001	74LS04
21	IC4	15-20008-001	74LS08
22	IC5	15-20010-001	74LS10
23	IC6	15-20027-001	74LS27
24	IC7	15-20032-001	74LS32
25	IC8	15-20074-001	74LS74
26	IC9	99-B01N0083A	74LS83 A,B,C

ITEM	REF	TAITO PART NO.	DESCRIPTION
27	IC10	15-20085-001	74LS85
28	IC11	15-20086-001	74LS86
29	IC12	99-B01N0138A	74LS138 A,B,C
30	IC13	15-20157-001	74LS157
31	IC14	99-B01N0161A	74LS161 A,B,C
32	IC15	15-20164-001	74LS164
33	IC16	15-20173-001	74LS173
34	IC17	15-20174-001	74LS174
35	IC18	15-20175-001	74LS175
36	IC19	15-20191-001	74LS191
37	IC20	15-20244-001	74LS244
38	IC21	15-20245-001	74LS245
39	IC22	99-B01N0367A	74LS367 A,B,C
40	IC23	15-20374-001	74LS374
41	IC24	15-20393-001	74LS393
42	IC25	15-30074-001	7404
43	IC26	15-30367-001	74367
44	IC27	15-00015-001	CPU Z-80A
45	IC28	15-10003-001	RAM 2114-2
46	IC29	99-B10F0019A	RAM 2016 C,D,F,G
47	ROM	16-00016-001	ROM BA3-11
48	50P	25-00001-101	CONNECTOR RT. ANG. 50P
49	IS1	26-00001-024	IC SOCKET 24P
50	IS2	26-00001-028	IC SOCKET 28P
51	IS3	26-00001-040	IC SOCKET 40P
52	TP	99-C0600403A	TEST POINT

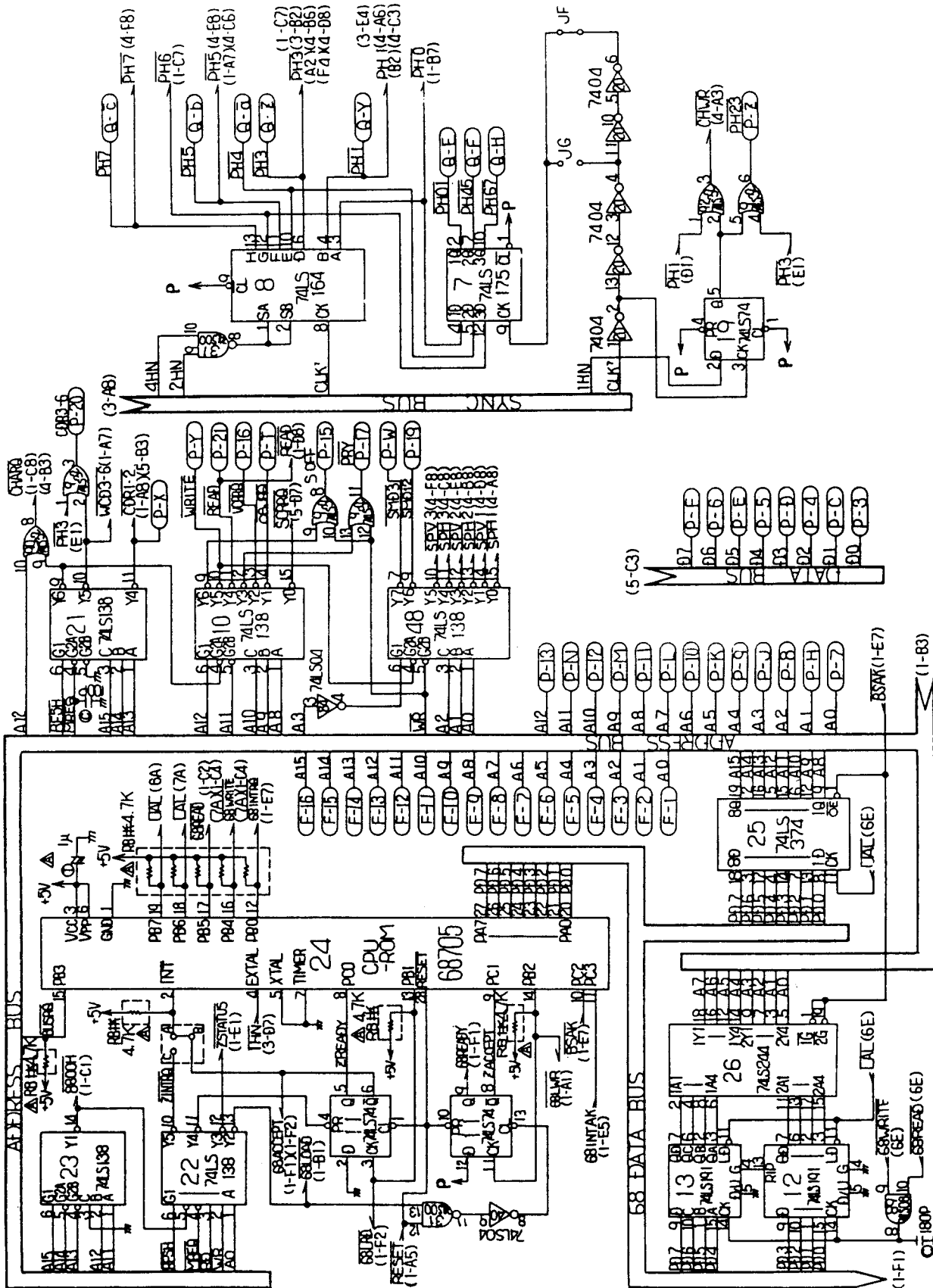
FIGURE 24



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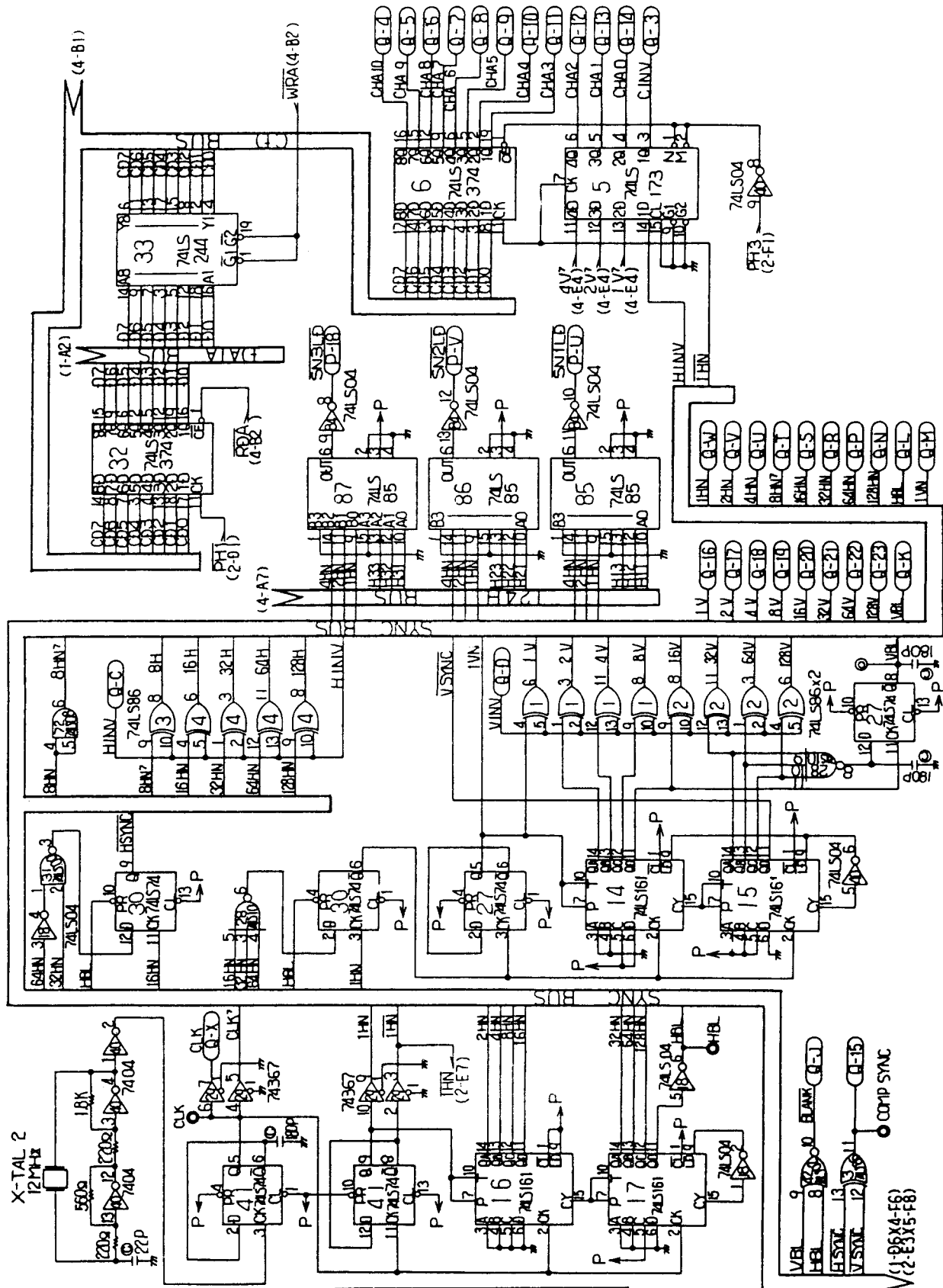
FIGURE 24



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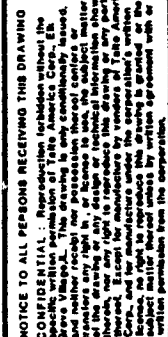
FIGURE 24



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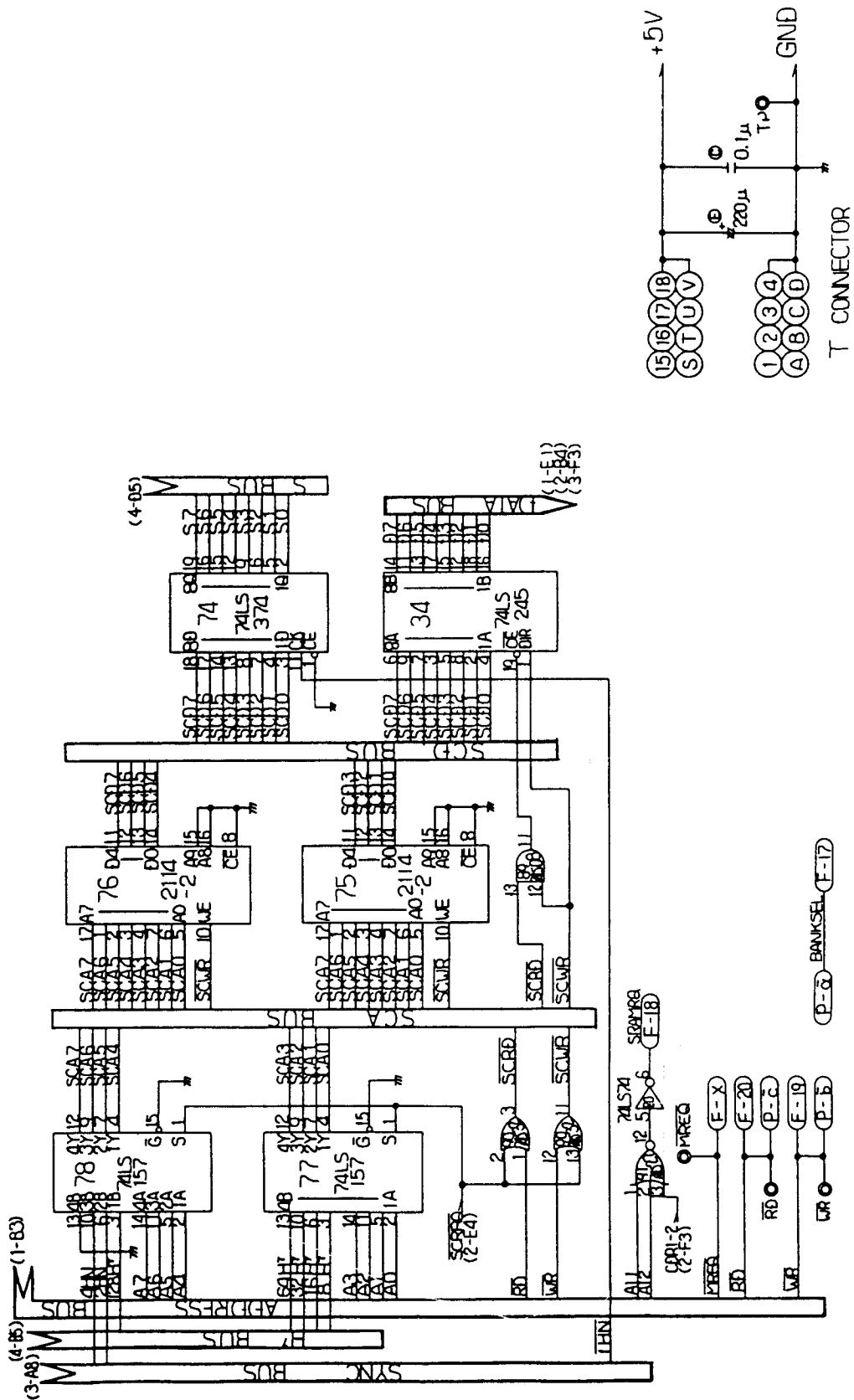
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FIGURE 24

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FIGURE 24



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CPU BOARD FIVE BOARD SYSTEM

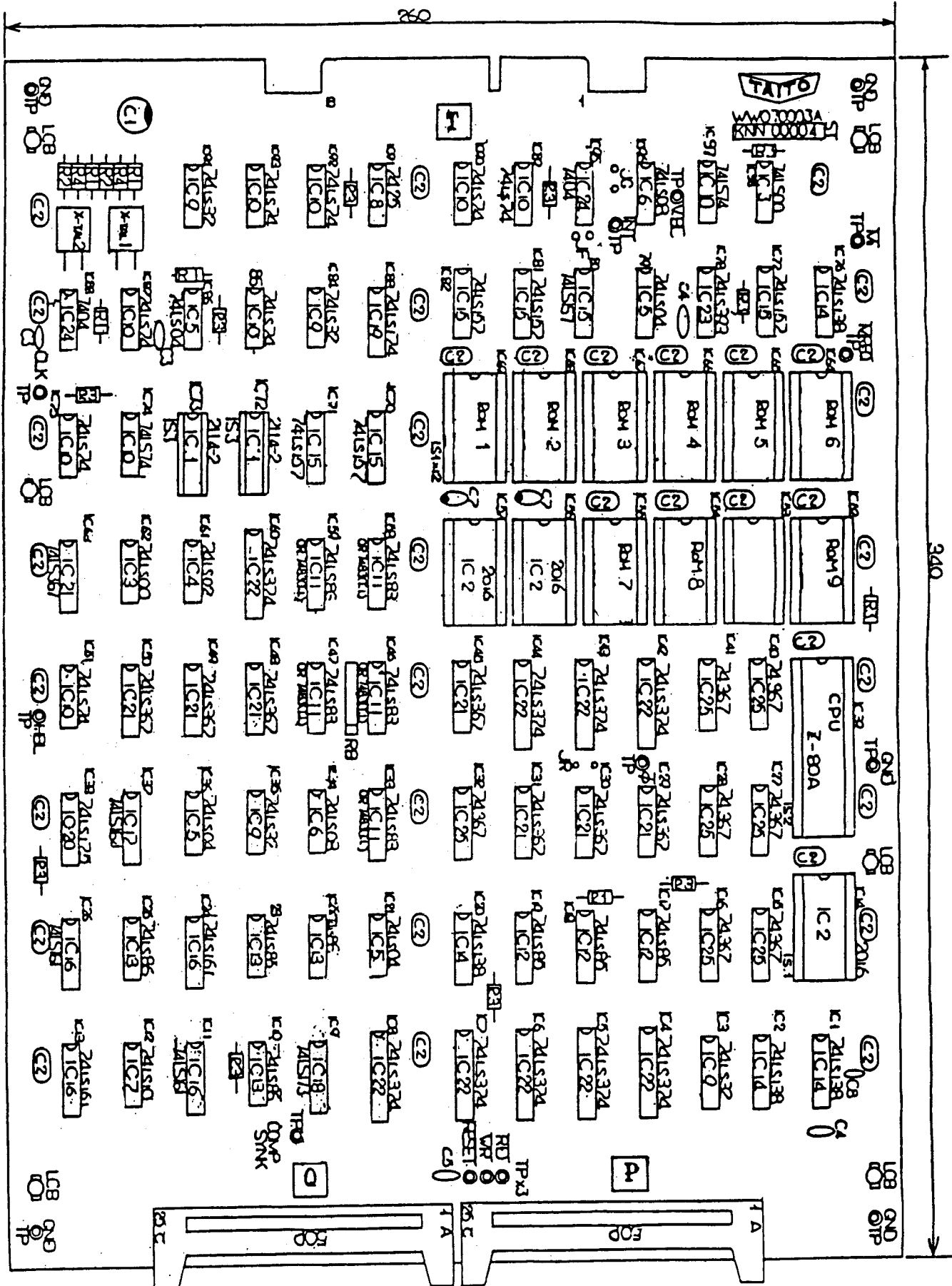
FIGURE 25

ITEM	SYM	TAITO PART NO.	DESCRIPTION
1		99-KNN00004	CPU PCB
2	50P	99-AA055310	CONNECTOR RT. ANG. 50P
3	1S1	26-00001-024	IC-SOCKET 24P
4	1S2	26-00001-040	IC-SOCKET 40P
5	TP	99-C0600403A	TEST POINT
6	XTAL	99-A9000070A	X-TAL 12MHZ
7	XTAL	99-A9000072A	X-TAL 8MHZ
8	1S3	26-00001-028	IC SOCKET 28P
9	IC1	15-10003-001	RAM 2114-2
10	IC2	99-B10F0019A	RAM TMM2016P
11	IC3	99-AAT33001	74LS00
12	IC4	15-20002-001	74LS02
13	IC5	15-20004-001	74LS04
14	IC6	15-20008-001	74LS08
15	IC7	15-20010-001	74LS10
16	IC8	15-30025-001	7425
17	IC9	15-20032-001	74LS32
18	IC10	15-20074-001	74LS74
19	IC11	15-20083-001	74LS83
20	IC12	15-20085-001	74LS85
21	IC13	15-20086-001	74LS86
22	IC14	15-20138-001	74LS138
23	IC15	15-20157-001	74LS157
24	IC16	15-20161-001	74LS161
25	IC17	15-20164-001	74LS164
26	IC18	15-20173-001	74LS173
27	IC19	15-20174-001	74LS174
28	IC20	15-20175-001	74LS175
29	IC21	15-20367-001	74LS367

ITEM	SYM	TAITO PART NO.	DESCRIPTION
30	IC22	15-20374-001	74LS374
31	IC23	15-20393-001	74LS393
32	IC24	15-30004-001	7404
33	IC25	15-30367-001	74367
34	CPU	15-00015-001	CPU Z-80A
35	C1	99-A1000135A	CAP, ELECTRO 220uf 16V
36	C2	99-A1200245A	CAP, FILM .1uf 1H104
37	C3	99-A1200229A	CAP, CER DISC 22pf 50V
38	C4	99-A1200251A	CAP, CER DISC 180pf 50V
39	C5	99-A1200257A	CAP, CER DISC 330pf 50V
40	C6		NOT USED
41	C7	99-A1320606A	CAP, TANT. 1uf
42	R1	11-00001-221	RES, 220 ohm 1/4W 5%
43	R2	11-00001-561	RES, 560 ohm 1/4W 5%
44	R3	11-00001-102	RES, 1K 1/4W 5%
45	R4	11-00001-182	RES, 1.8K 1/4W 5%
46	ROM1	16-00032-012	EPROM BA3-12
47	ROM2	16-00032-013	EPROM BA3-13
48	ROM3	16-00032-014	EPROM BA3-14
49	ROM4	16-00032-015	EPROM BA3-15
50	ROM5	16-00032-016	EPROM BA3-16-1
51	ROM6	16-00032-017	EPROM BA3-17
52	ROM7	16-00032-018	EPROM BA3-18-1
53	ROM8	16-00032-019	EPROM BA3-19-1
54	ROM9		NOT USED
55	ROM10		NOT USED
56	C8	99-A2100245A	CAP, CER DISC 100pf 50V
57	RB	99-A2231069A	RESISTOR SIP BLOCK 1K

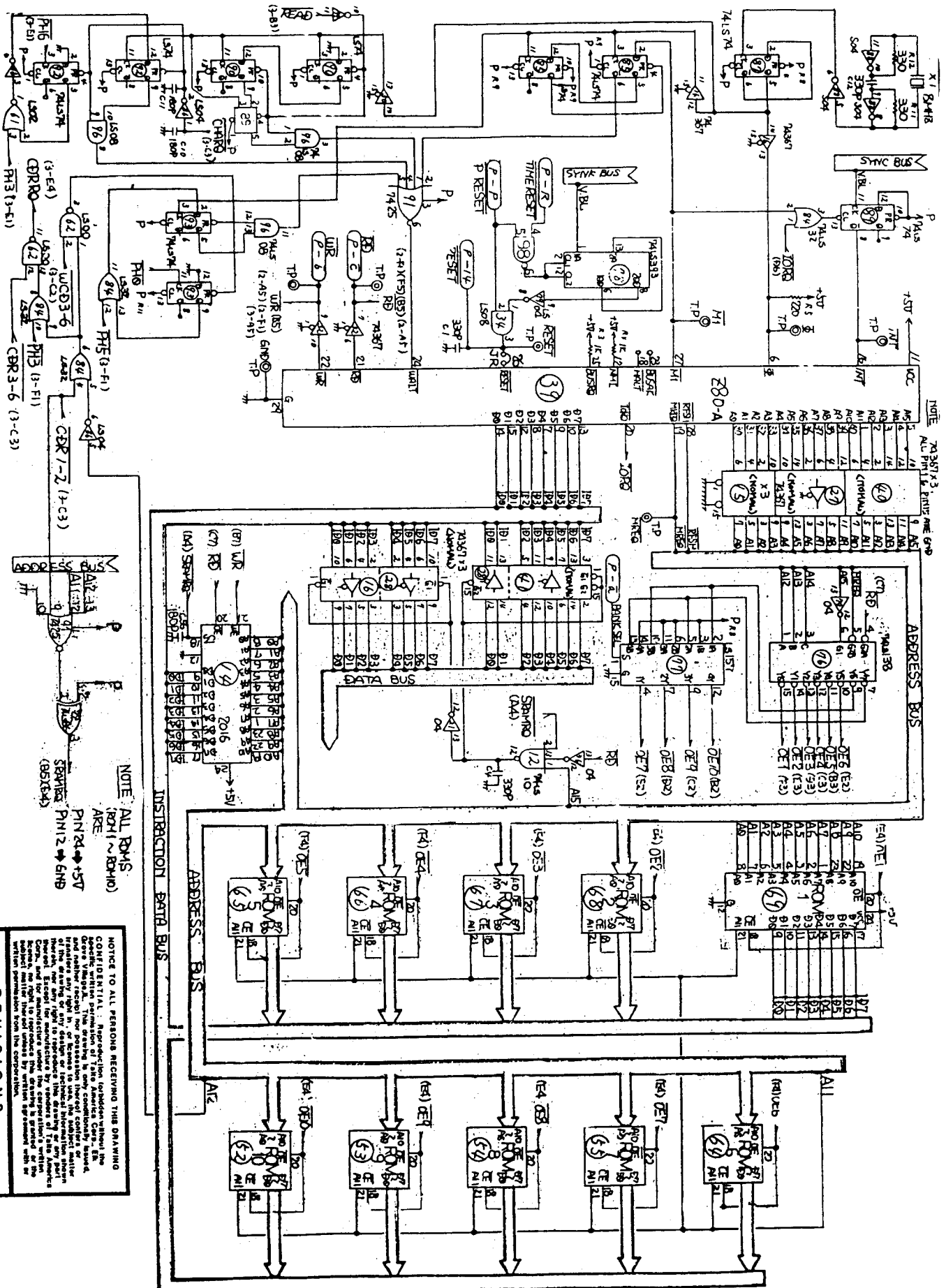
FIGURE 25

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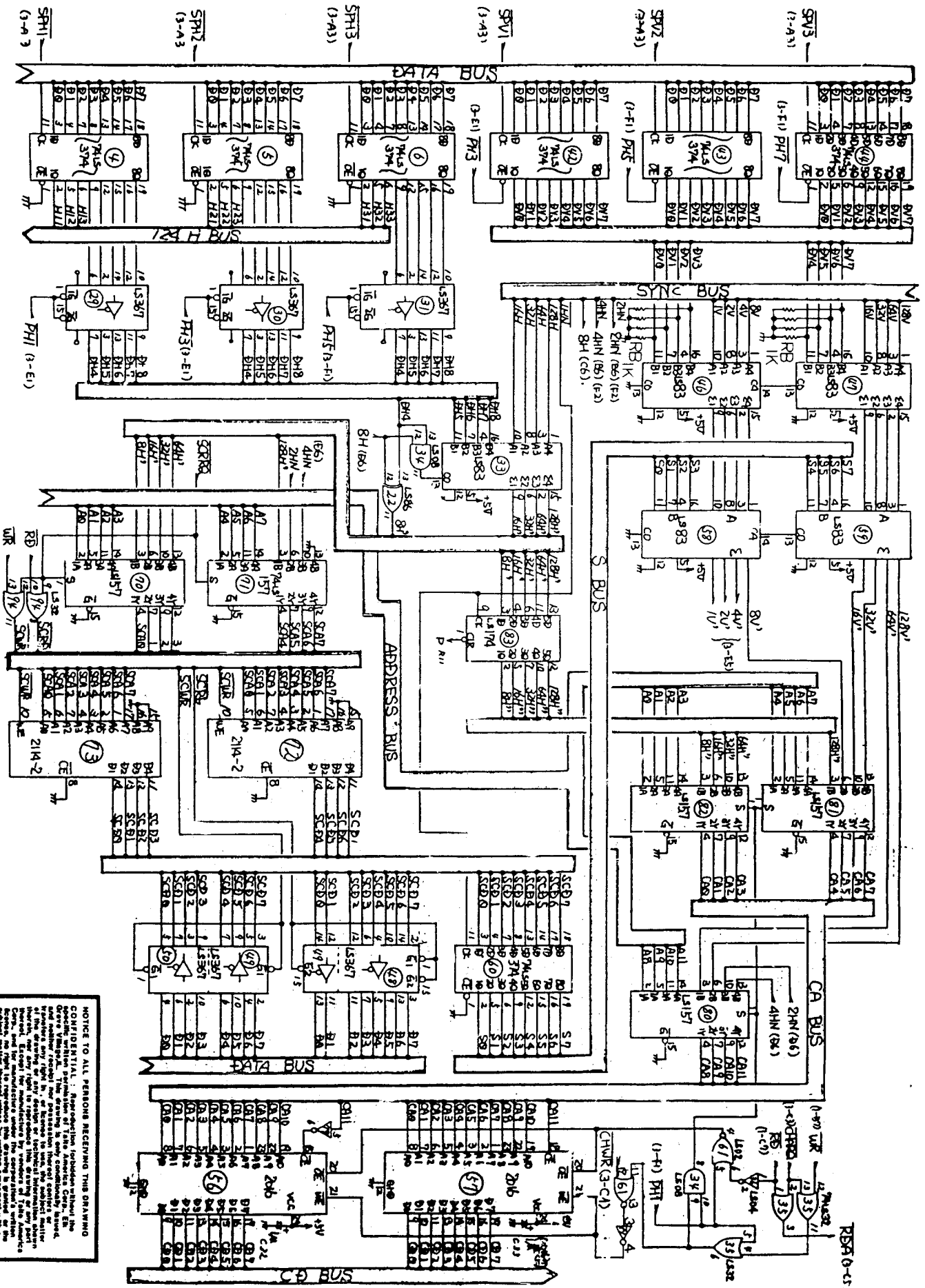
CPU PC BOARD SCHEMATIC 1 of 3

FIGURE 25



CPU PC BOARD SCHEMATIC 2 of 3

FIGURE 25



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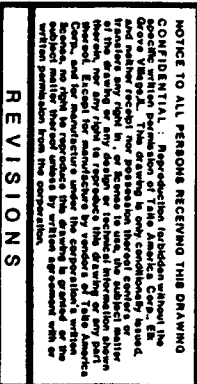
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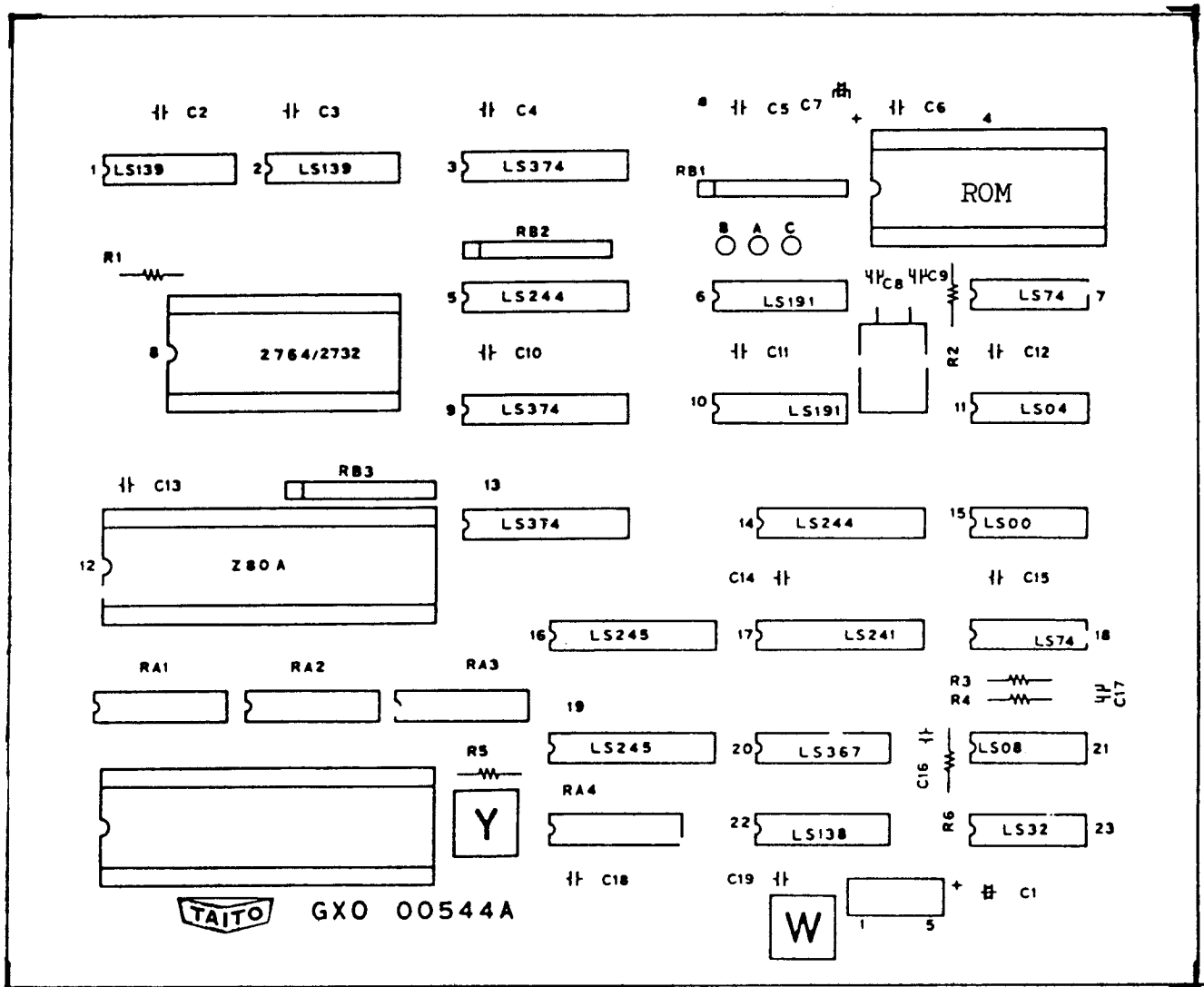
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FIGURE 25



SECURITY BOARD (5 BOARD SYSTEM)

FIGURE 26



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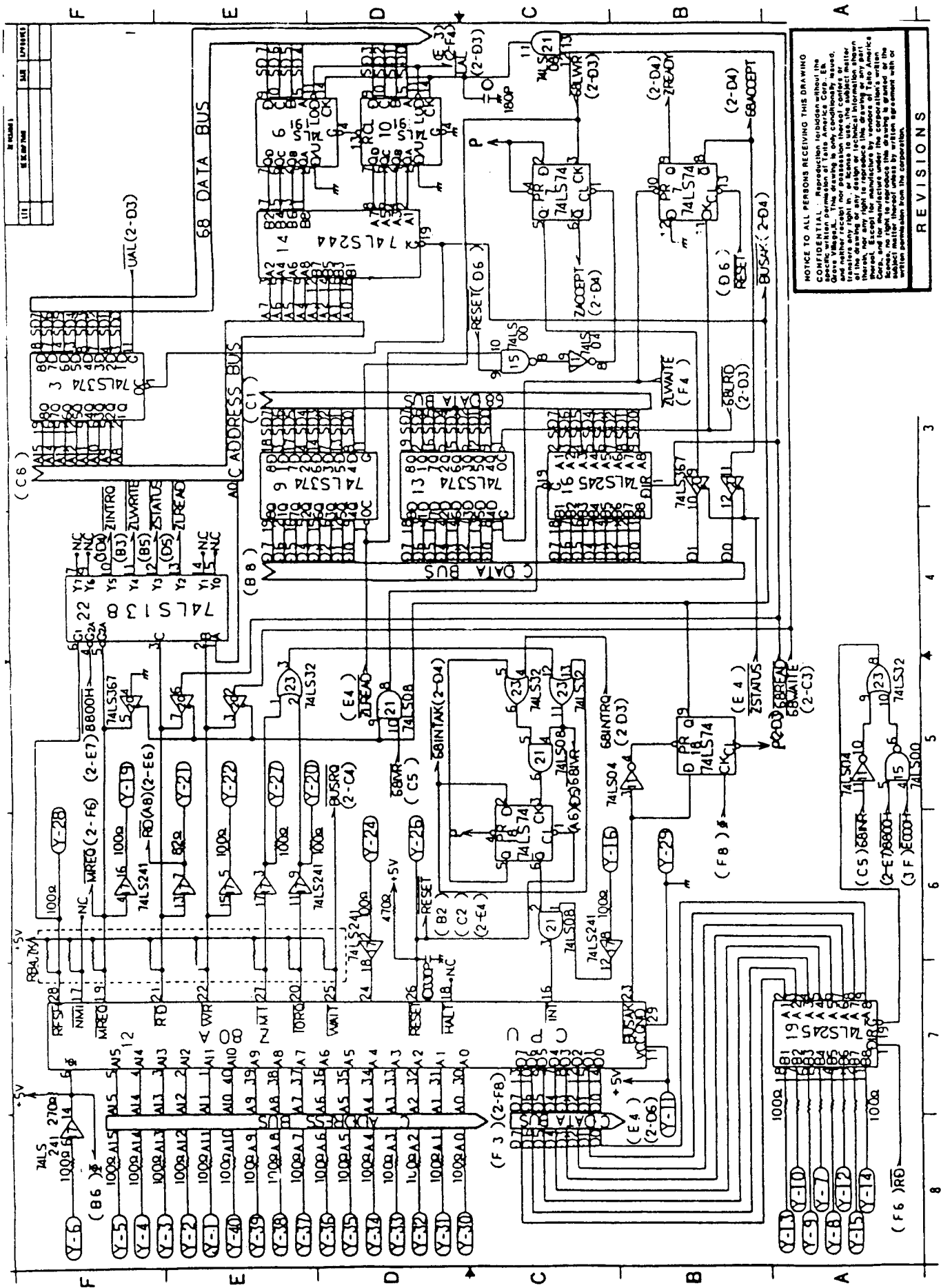
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SECURITY BOARD FIVE BOARD SYSTEM

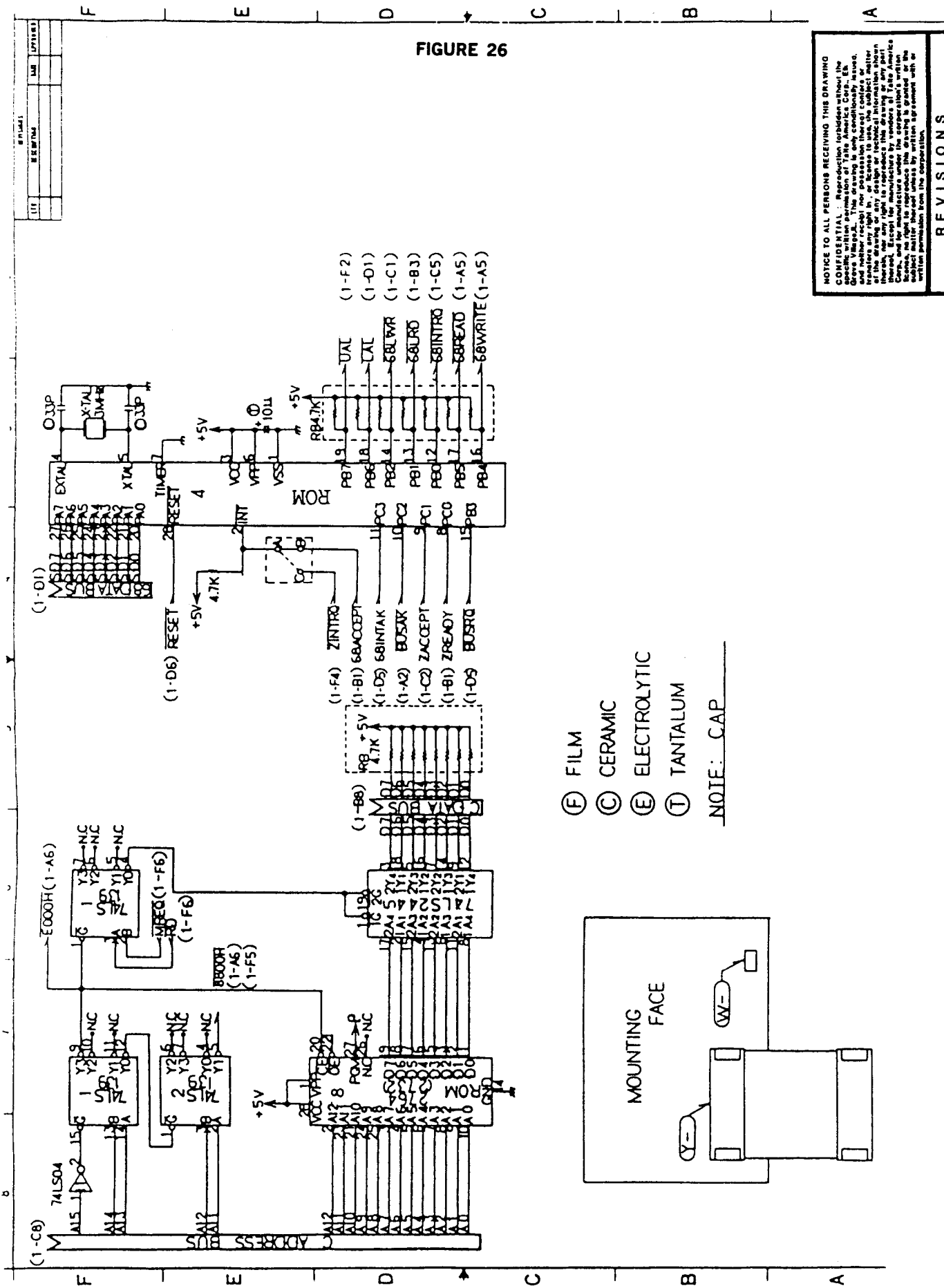
FIGURE 26

ITEM	TAITO PART NO.	DESCRIPTION
1	15-20000-001	74LS00
2	15-20004-001	74LS04
3	15-20008-001	74LS08
4	15-20032-001	74LS32
5	15-20074-001	74LS74
6	15-20138-001	74LS138
7	15-20139-001	74LS139
8	15-20191-001	74LS191
9	15-20241-001	74LS241
10	15-20244-001	74LS244
11	15-20245-001	74LS245
12	15-20367-001	74LS367
13	15-20374-001	74LS374
14	15-00015-001	CPU Z80A
15	16-00016-003	ROM BA3-11
16	99-A1200233A	CAP DISC 33PF 50V
17	99-A1200251A	CAP DISC 180PF 50V
18	99-A1200257A	CAP DISC 330PF 50V
19	99-A1200317A	CAP DISC .1UF 50V
20	99-A1320519A	CAP TANT 10UF 25V
21	99-A1000135A	CAP ELEC 220UF 16V
22	26-00001-028	IC SOCKET 28 PIN
23	26-00001-040	IC SOCKET 40 PIN
24		XTAL 3.0 MHZ 25 RES DIP 100 OHM



SECURITY BOARD SCHEMATIC 2 of 2

FIGURE 26



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Ⓢ FILM

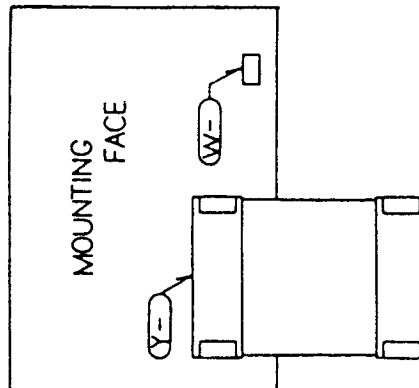
© CERAMIC

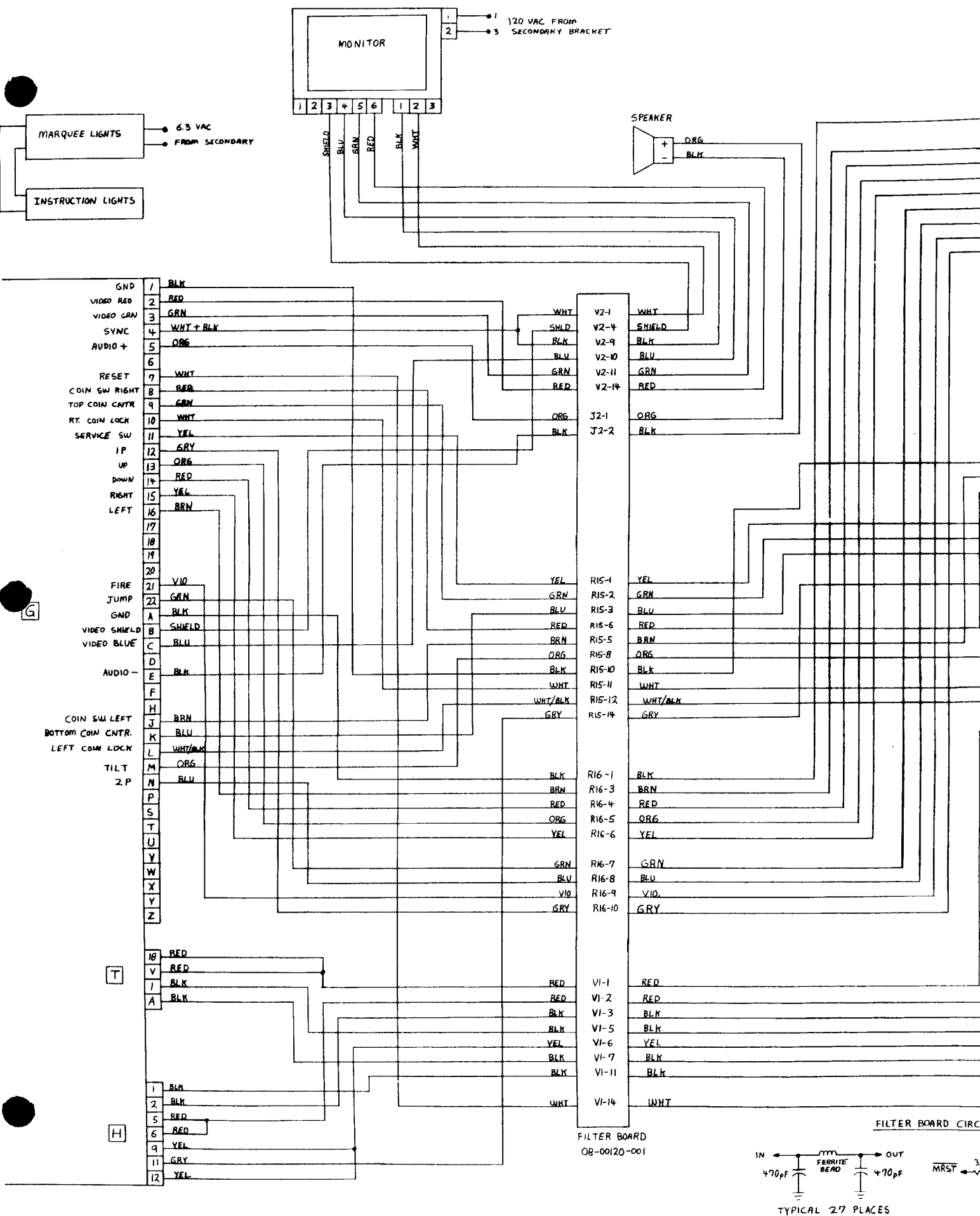
③ ELECTROLYTIC

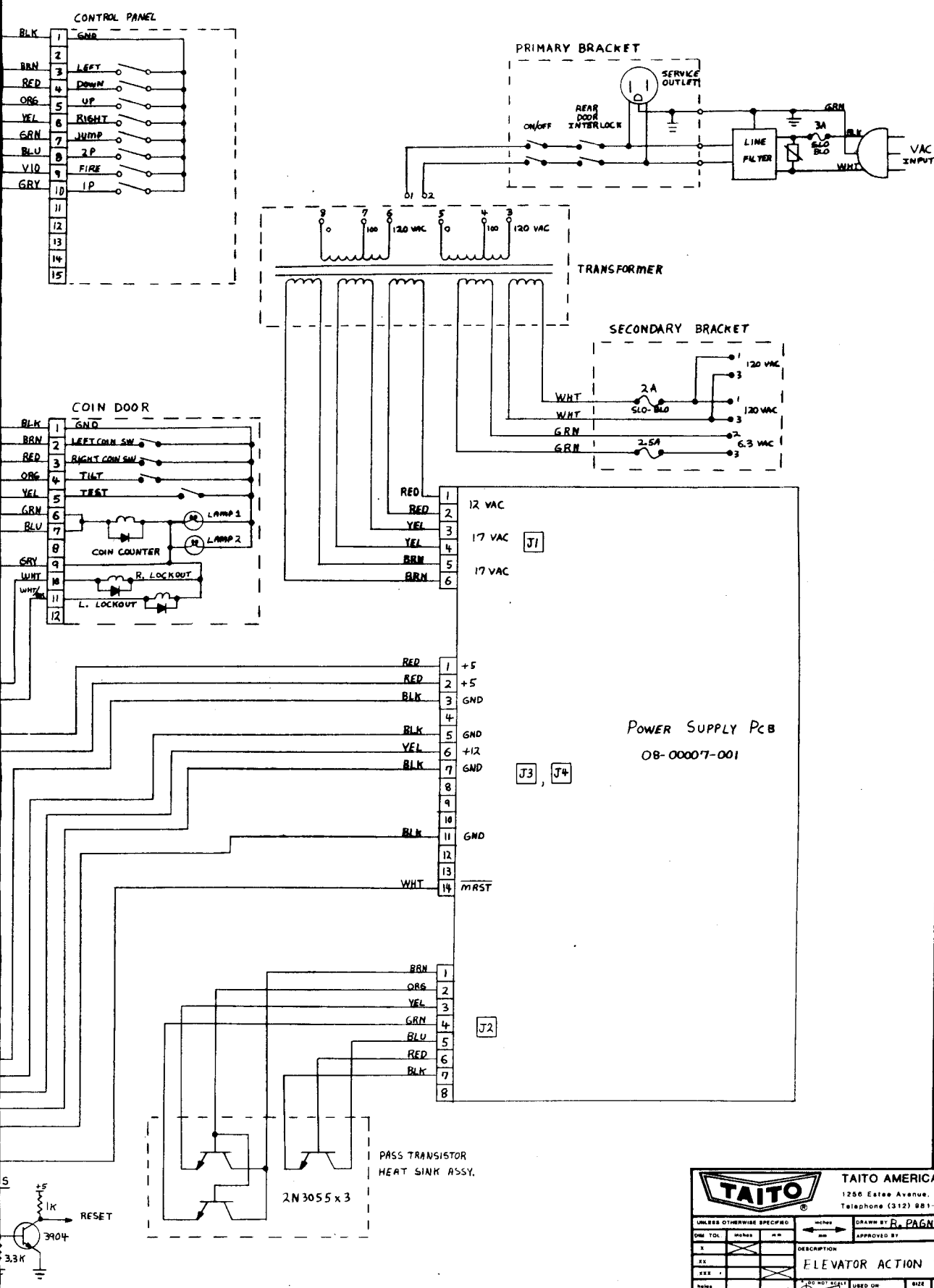
Ⓣ TANTALUM

NOTE: CAP

MOUNTING
FACE







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SIZE

DRAWING NUMBER

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