

CHICAGO

COIN

**DEMOLITION
DERBY**

SCHEMATIC

CHICAGO DYNAMIC INDUSTRIES, INC.

1725 DIVERSEY BOULEVARD



CHICAGO, ILLINOIS 60614

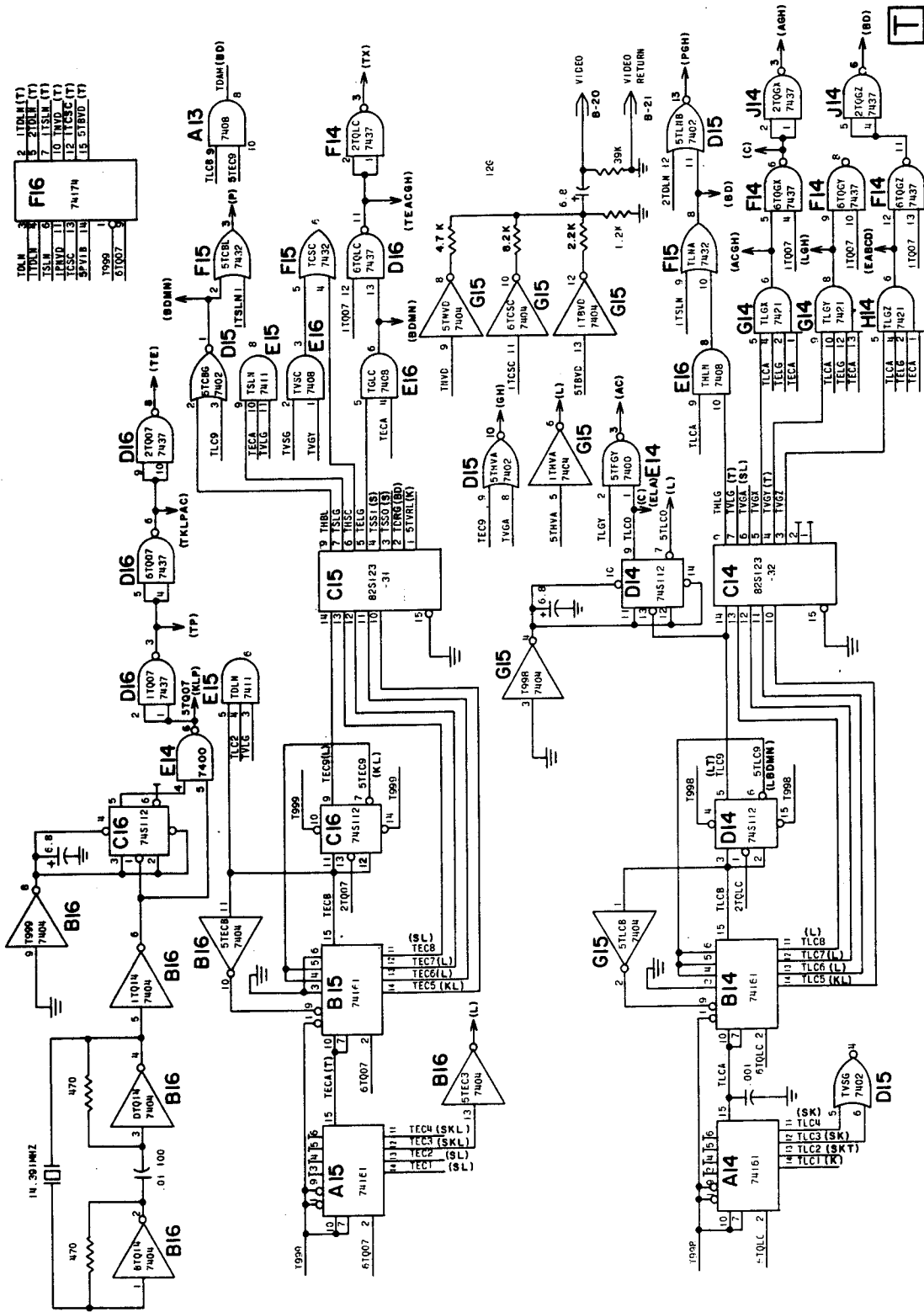


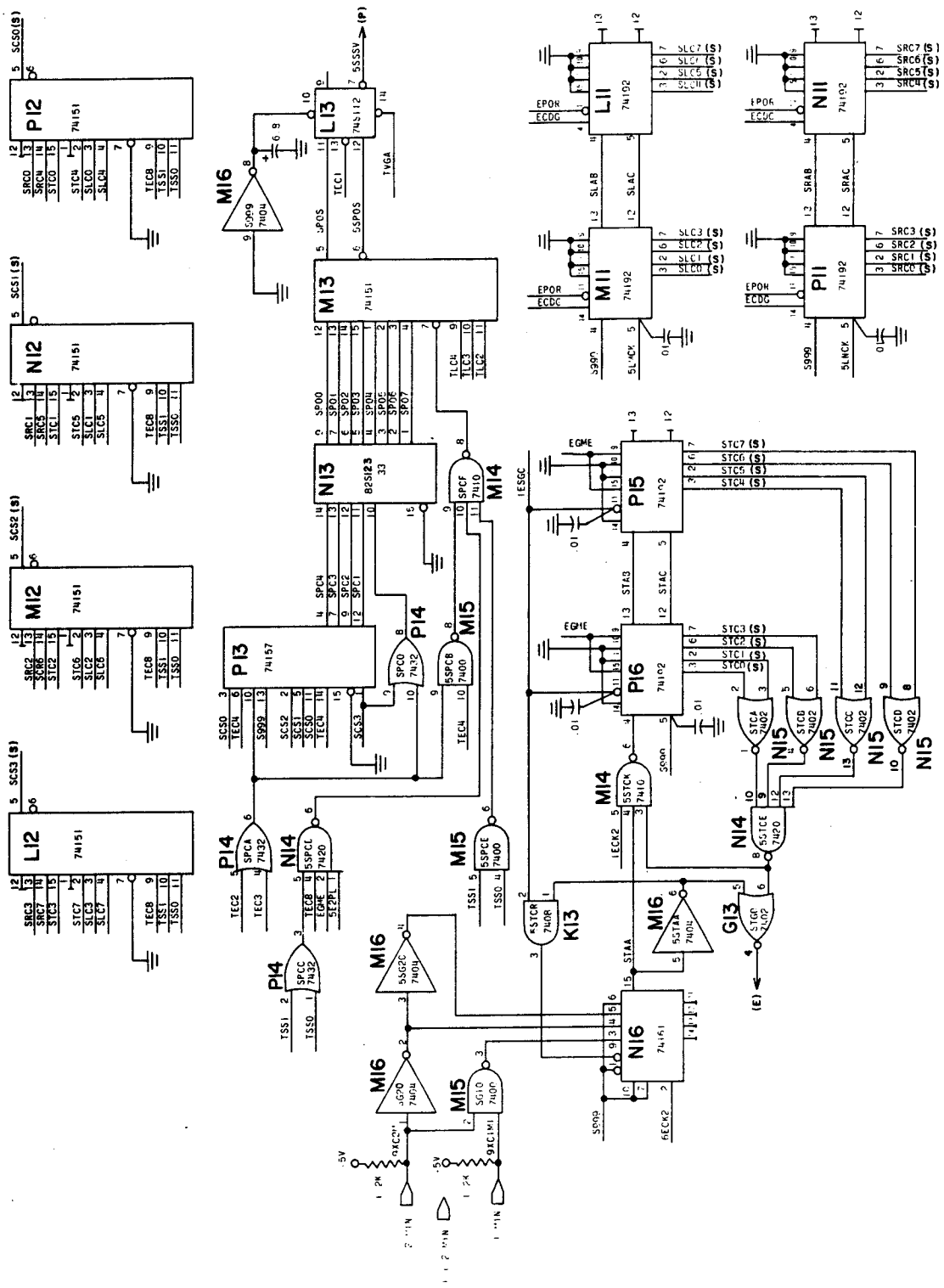
PHONE (312) 935-4600

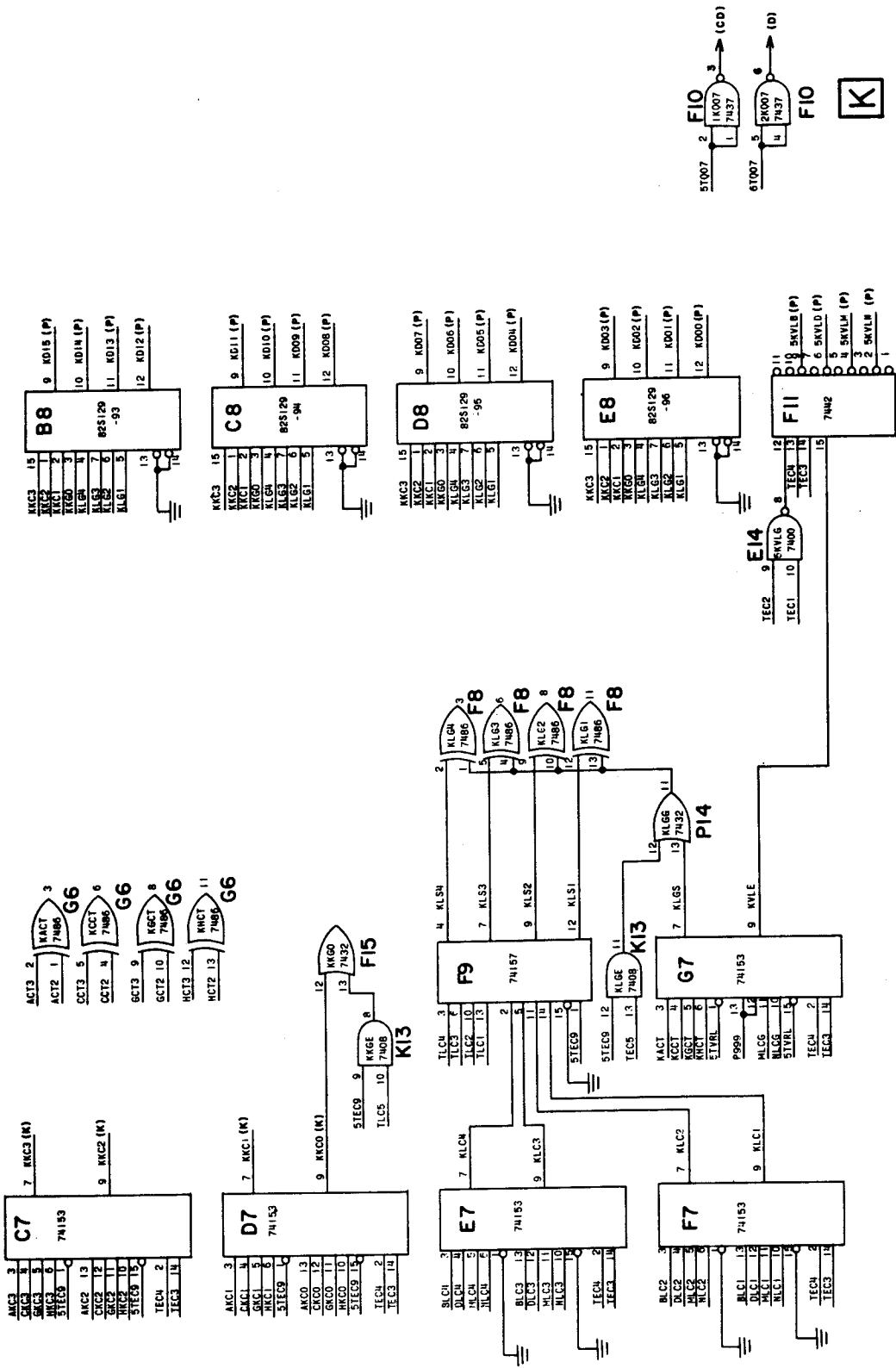
INDEX

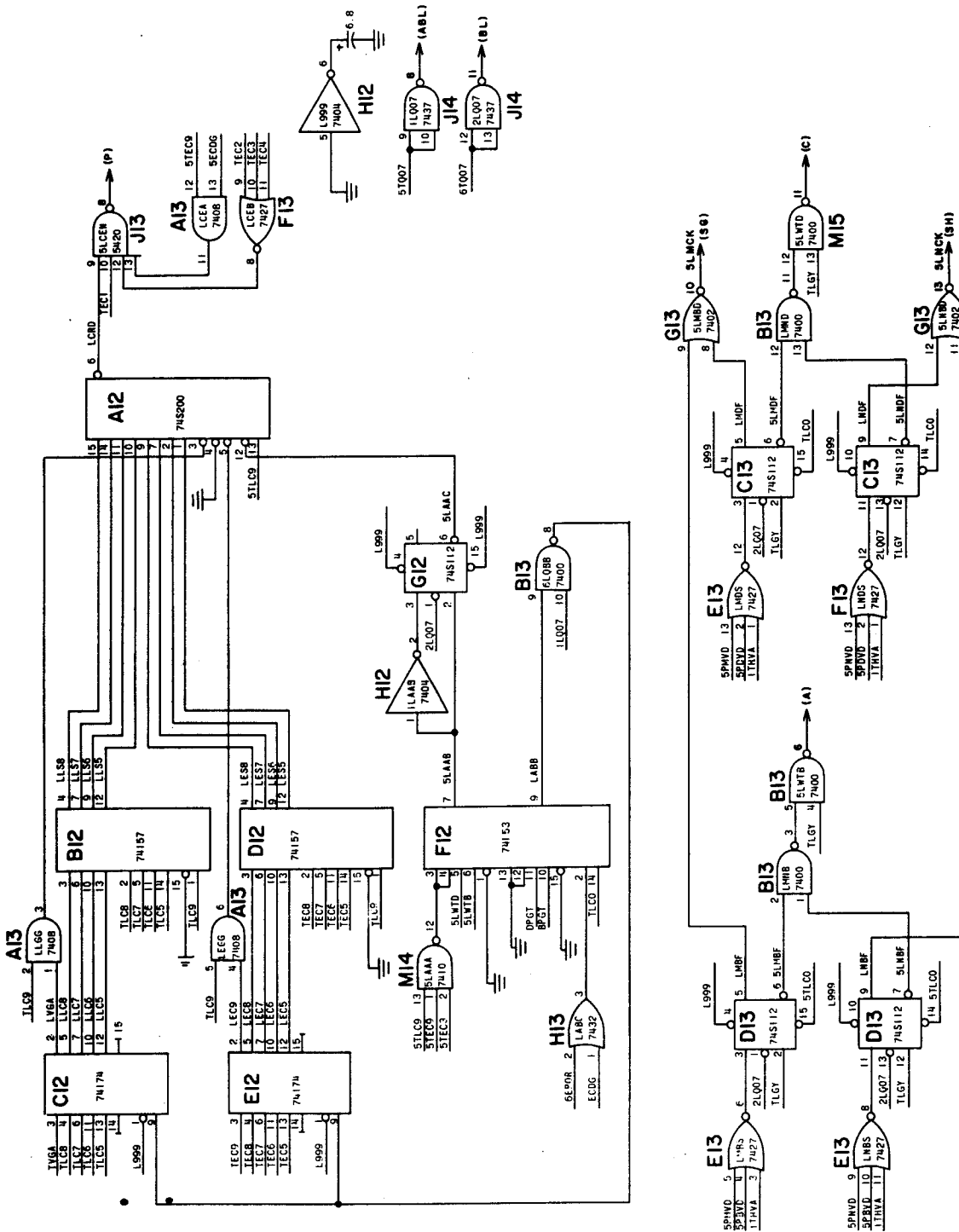
PAGE

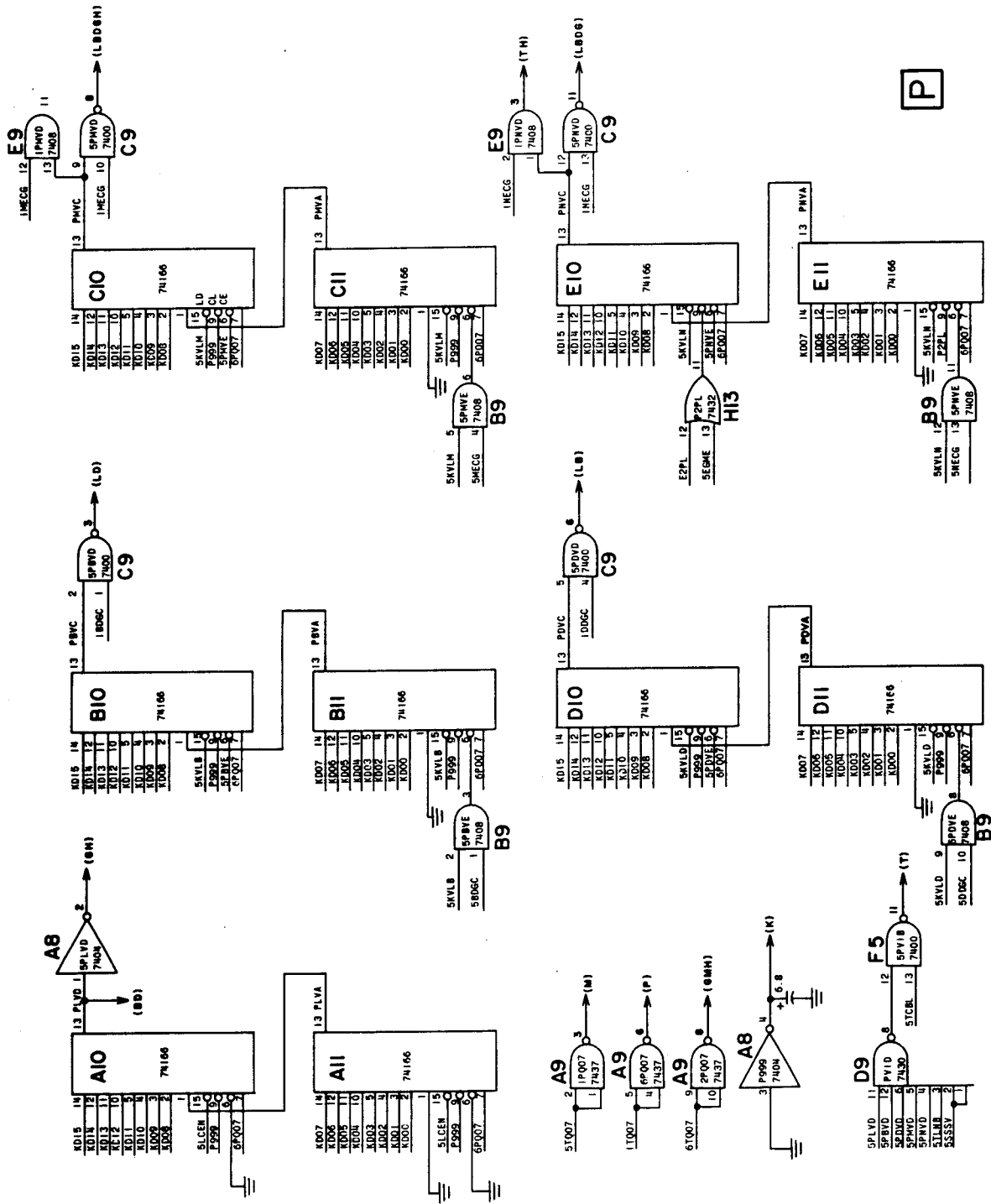
| | |
|----|-----------------------------|
| 1 | CLOCK & VIDEO OUTPUT |
| 2 | GAME CONTROL |
| 3 | TIMER & SCORE |
| 4 | CAR SHAPE |
| 5 | CRASH CAR & SCORING |
| 6 | PICTURE OUTPUT |
| 7 | GAME CAR 2 |
| 8 | GAME CAR 2 |
| 9 | GAME CAR 1 |
| 10 | GAME CAR 1 |
| 11 | PLAYER CAR 1 |
| 12 | PLAYER CAR 1 |
| 13 | PLAYER CAR 2 |
| 14 | PLAYER CAR 2 |
| 15 | MOTOR SPEED |
| 16 | CRASH & MOTOR SOUND |
| 17 | AUDIO POWER SUPPLY & OUTPUT |
| 18 | PULSE GENERATORS |
| 19 | CABINET WIRING |



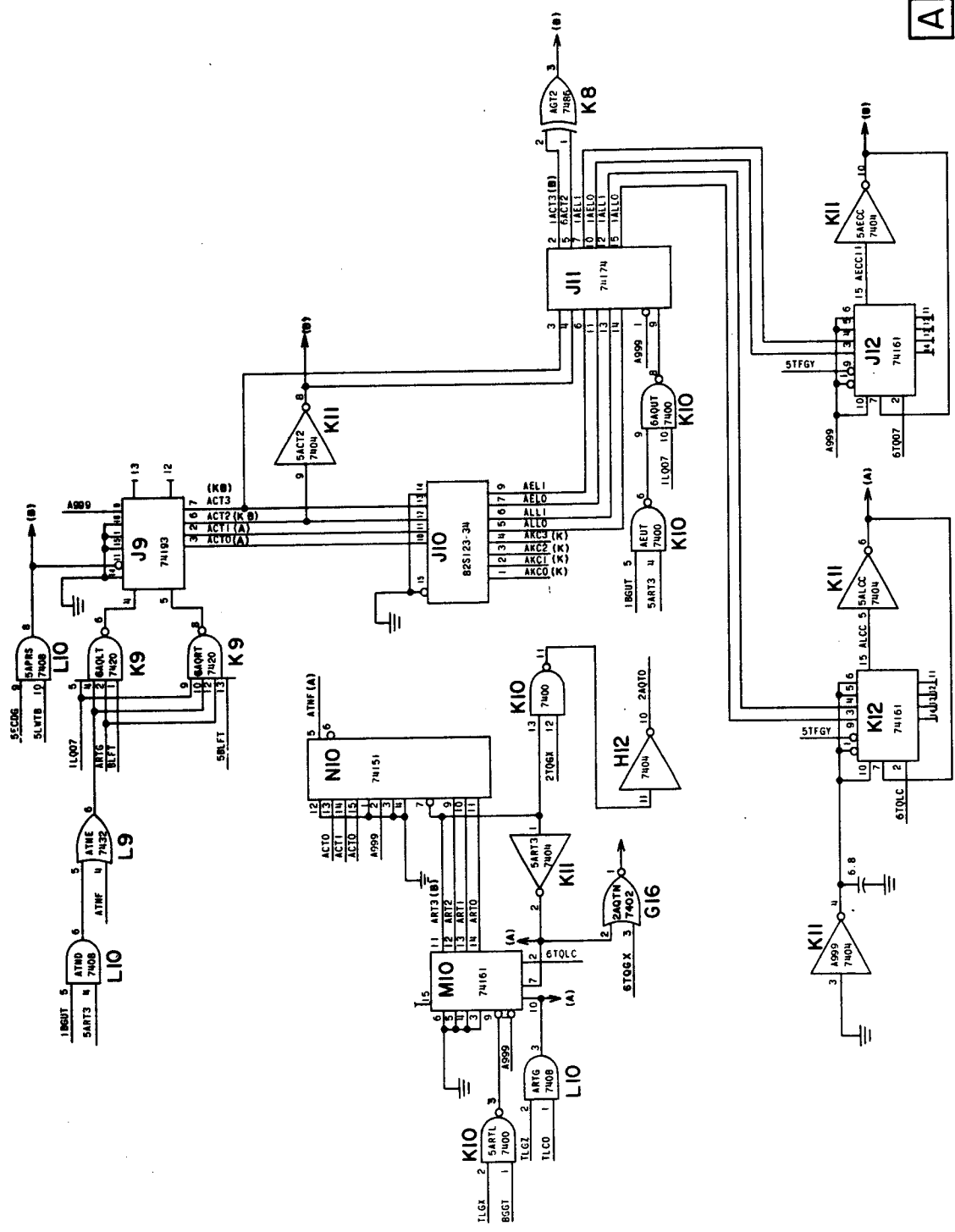


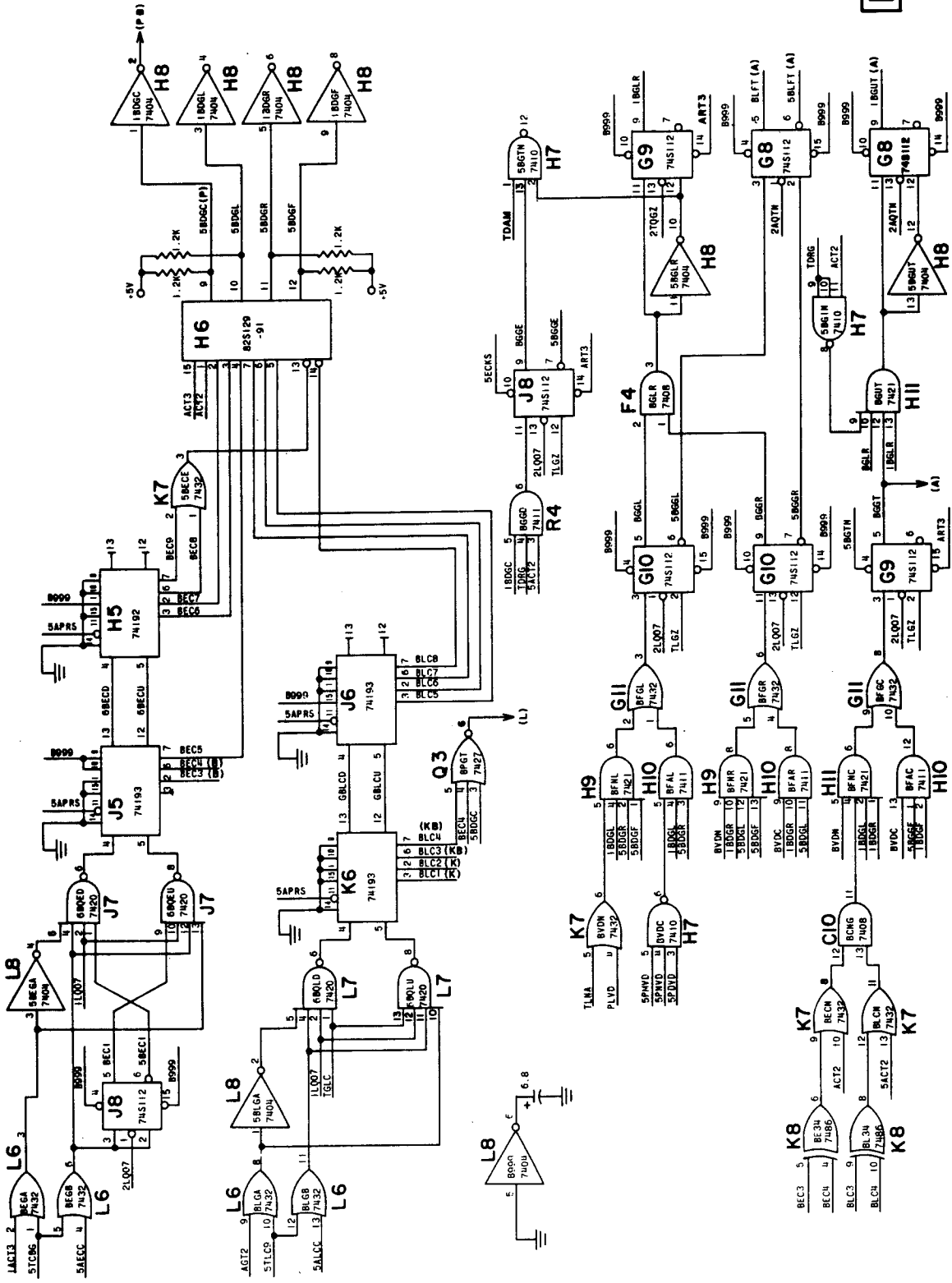


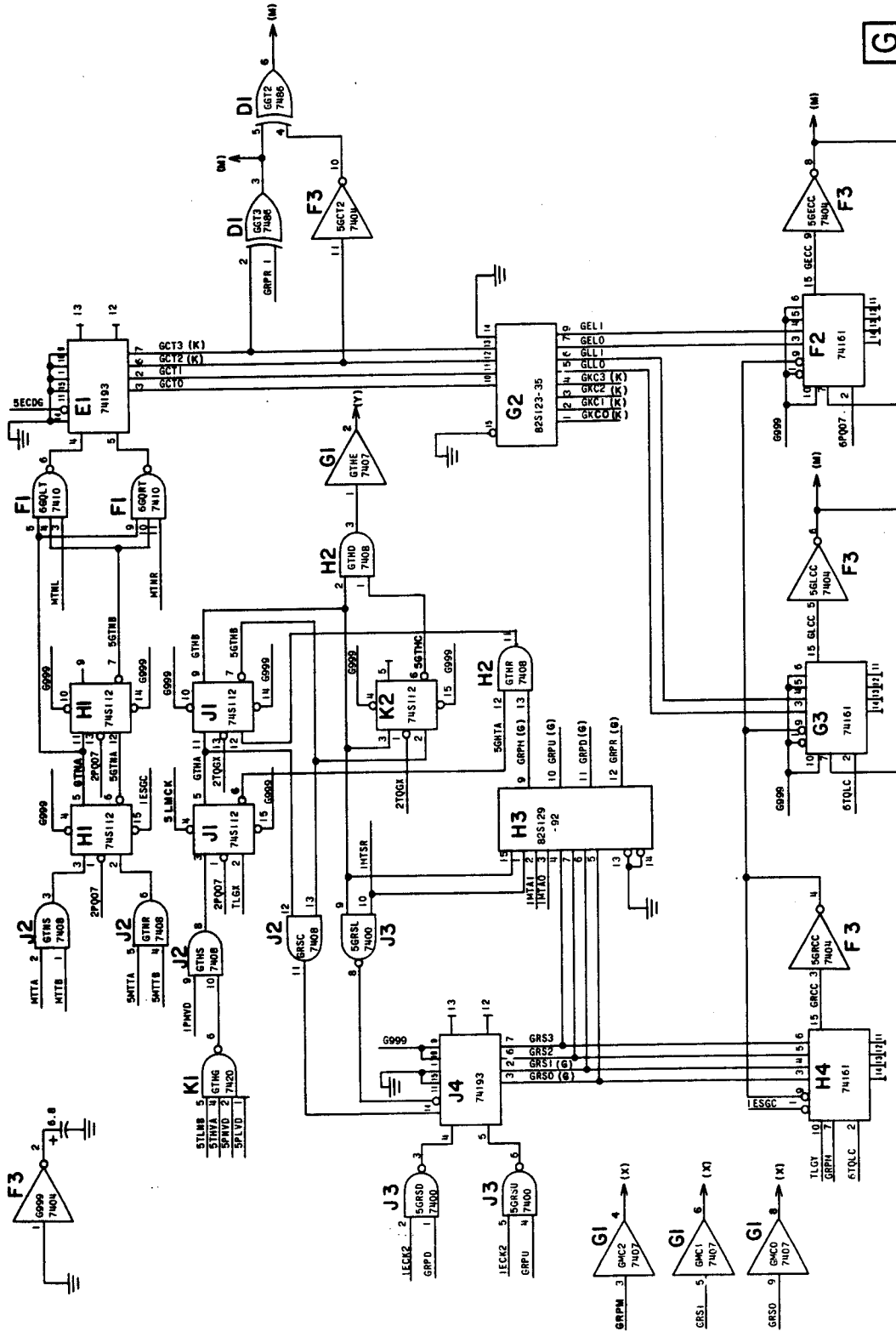




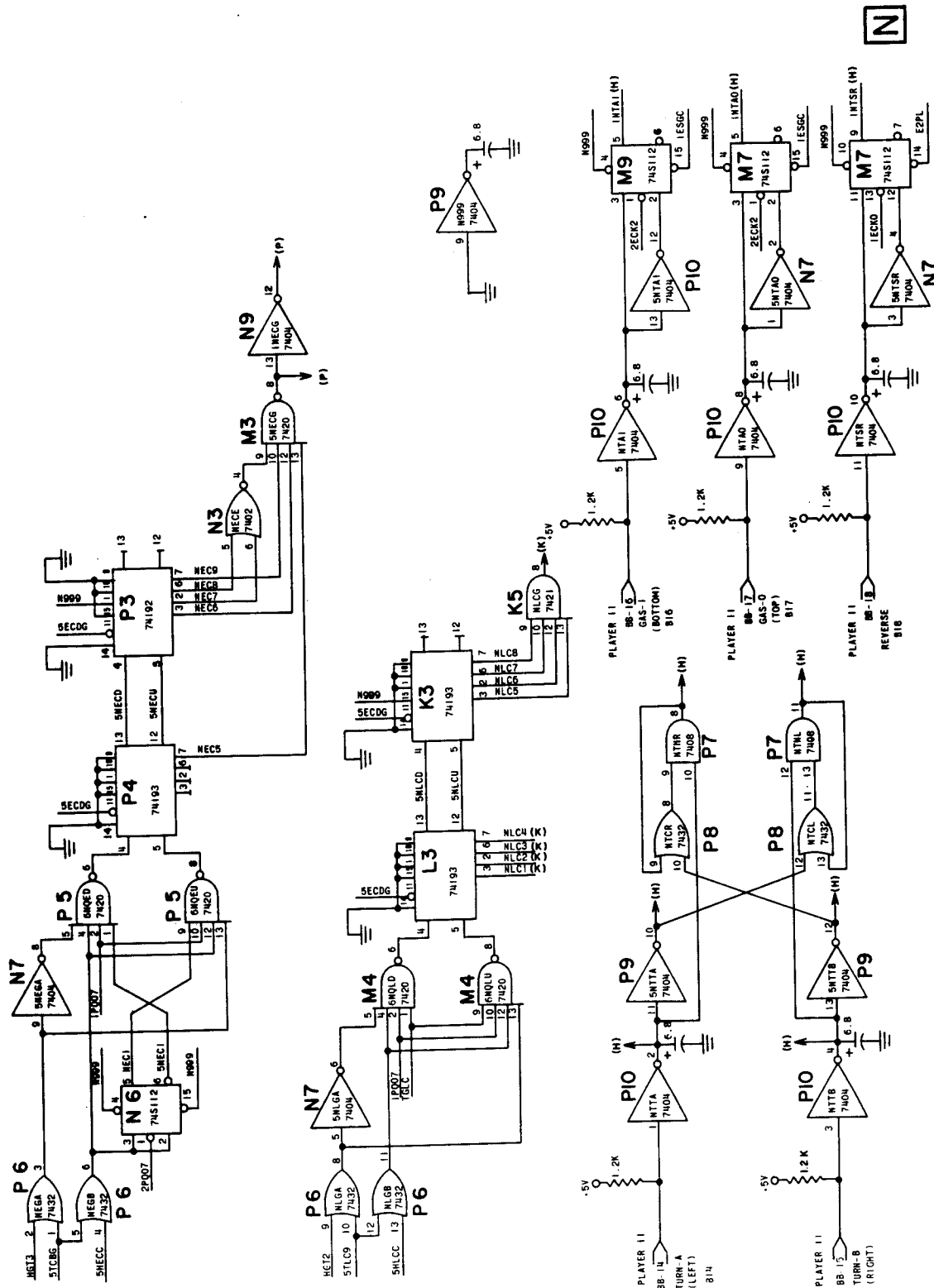
P

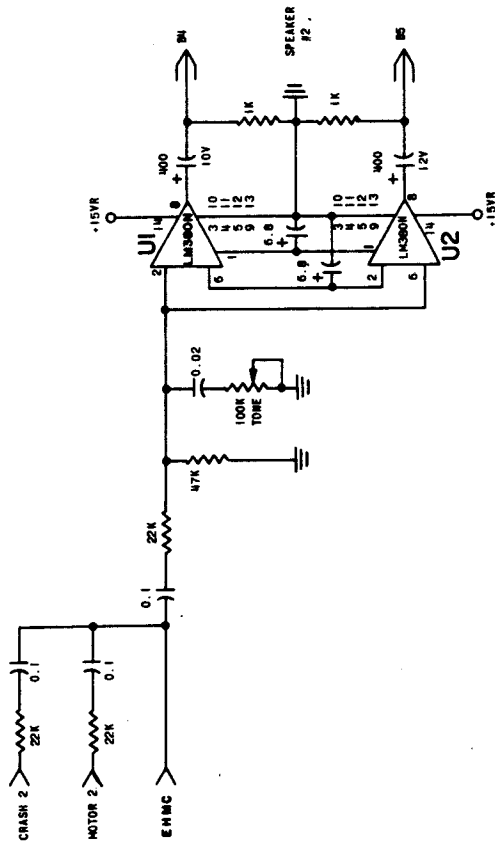
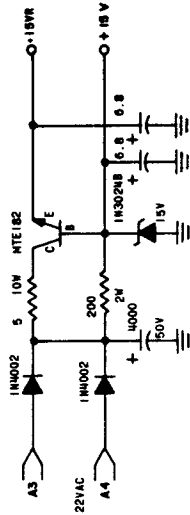
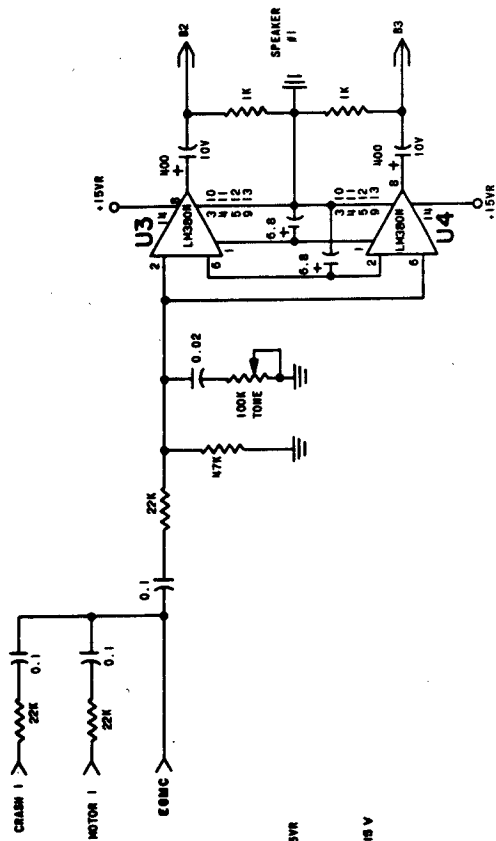




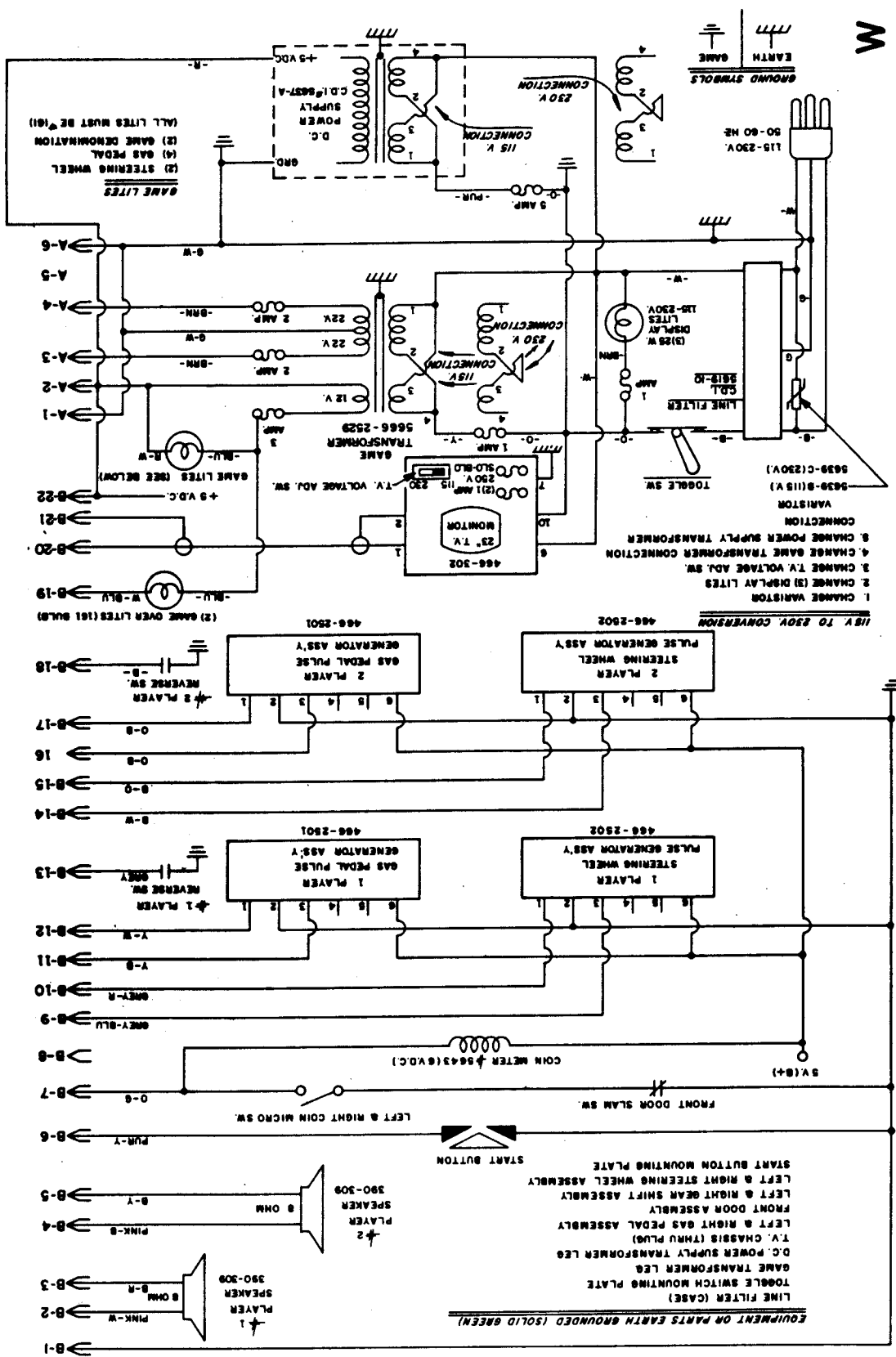


G





Z



| | | | | | | | | | | |
|-------|---------------|--------|---------------|--------|---------------|---------------|--------|---------------|---------------|---------------|
| 74192 | 7404 | 7404 | 7432 | 7408 | 7432 | 7420 | 74193 | 74192 | 74161 | 74193 |
| 74192 | 74151 | 7404 | 7404 | 7404 | 74S112 | 74193 | 74192 | 7402 | 7407 | 82S 129-92 |
| 74152 | 74161 | 74S112 | 74S112 | 74S112 | 7432 | 7420 | 7420 | 7420 | 74S112 | 7400 |
| 74192 | 7408 | 7432 | 7404 | 7420 | 7432 | 74193 | 7420 | 74193 | 74S112 | 7408 |
| 7404 | 7400 | 7420 | 7486 | 7432 | 74193 | 74H21 | 74193 | 74193 | 74S112 | 7420 |
| | | | | | | | | 7427 | 74193 | 7410 |
| 74174 | 82S 123-34 | 74193 | 74S112 | 7420 | 74193 | 74193 | 74193 | 7400 | 7408 | 74S112 |
| 74H21 | 74H11 | 74H21 | 7404 | 7410 | 82S 129-91 | 74192 | 74161 | 82S 129-92 | 7408 | 74S112 |
| 7432 | 74S112 | 74S112 | 74S112 | 74153 | 7486 | 7420 | 7432 | 74161 | 82S 123-35 | 7407 |
| 7442 | 7437 | 74157 | 7486 | 74153 | 74161 | 7400 | 7408 | 7404 | 74161 | 7410 |
| | | | | | | 74161 | 74H11 | | | 82S 129-35 |
| 74166 | 74166 | 7408 | 82S 129-96 | 74153 | 74151 | 74193 | 7404 | 7420 | 7432 | 74193 |
| 74166 | 74166 | 7430 | 82S 129-95 | 74153 | 74161 | 82S 123-34 | 7486 | 7432 | 74193 | 7486 |
| 74166 | 74166 | 7400 | 82S 129-94 | 74153 | 74161 | 74174 | 74S112 | 7420 | 74193 | 74193 |
| 74166 | 74166 | 7408 | 82S 129-93 | 74H21 | 74H11 | 74H21 | 7404 | 7410 | 82S 129-91 | 74192 |
| 74166 | 74166 | 7437 | 7404 | 7432 | 74S112 | 74S112 | 74S112 | 74161 | 74161 | 7404 |
| 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |

TRANSISTOR ASSEMBLY

00

2N3904

2N3904 2N3904
2N3906 2N3906

7407 U6 74S112 U5

74S112 U7

2N3904 2N3904
72748 U8
2N3904

2N3904

2N3904

2N3904
2N3904

444-501-A
LM380 U4

444-501-A
LM380 U3

444-501-A
LM380 U2

444-501-A
LM380 U1



16 XTAL

| | | | | | | | |
|---------|---------|---------------|---------------|---------------|--------|-------|---------------|
| 2N6071B | 74192 P | 74192 | 7432 | 74157 | 74151 | 74192 | 7404 |
| | 74161 N | 7402 | 7420 | 82S 123-33 | 74151 | 74192 | 74151 |
| M | 7404 | 7400 | 7410 | 74151 | 74151 | 74152 | 74161 |
| L | 7408 | 74S112 | 74S112 | 74S112 | 74151 | 74192 | 7408 |
| K | 74S112 | 74S112 | 7407 | 7408 | 74161 | 7404 | 7400 |
| J | 7404 | 74S112 | 7437 | 7420 | 74161 | 74174 | 82S 123-34 |
| H | 74161 | 7437 | 74H21 | 7432 | 7404 | 74H21 | 74H11 |
| G | 7402 | 7404 | 74H21 | 7402 | 74S112 | 7432 | 74S112 |
| F | 74174 | 7432 | 7437 | 7427 | 74153 | 7442 | 7437 |
| E | 7408 | 74H11 | 7400 | 7427 | 74174 | 74166 | 74166 |
| D | 7437 | 7402 | 74S112 | 74S112 | 74157 | 74166 | 74166 |
| C | 74S112 | 82S 123-31 | 82S 123-32 | 74S112 | 74174 | 74166 | 74166 |
| B | 7404 | 74161 | 74161 | 7400 | 74157 | 74166 | 74166 |
| A | 74161 | 74161 | 7408 | 74S200 | 74166 | 74166 | 74166 |
| | | 15 | 14 | 13 | 12 | 11 | 10 |

01/50 .01/50 .01/50 .01/50 .01/50 .01/50 .01/50 .01/50 .01/50 .01/50

6.8/35 6.8/35
6.8/35 6.8/35 6.8/35
6.8/35 6.8/35 6.8/35 6.8/35
6.8/35 6.8/35 6.8/35

01/50
6.8/35 6.8/35

01/50
6.8/35
6.8/35

6.8/35

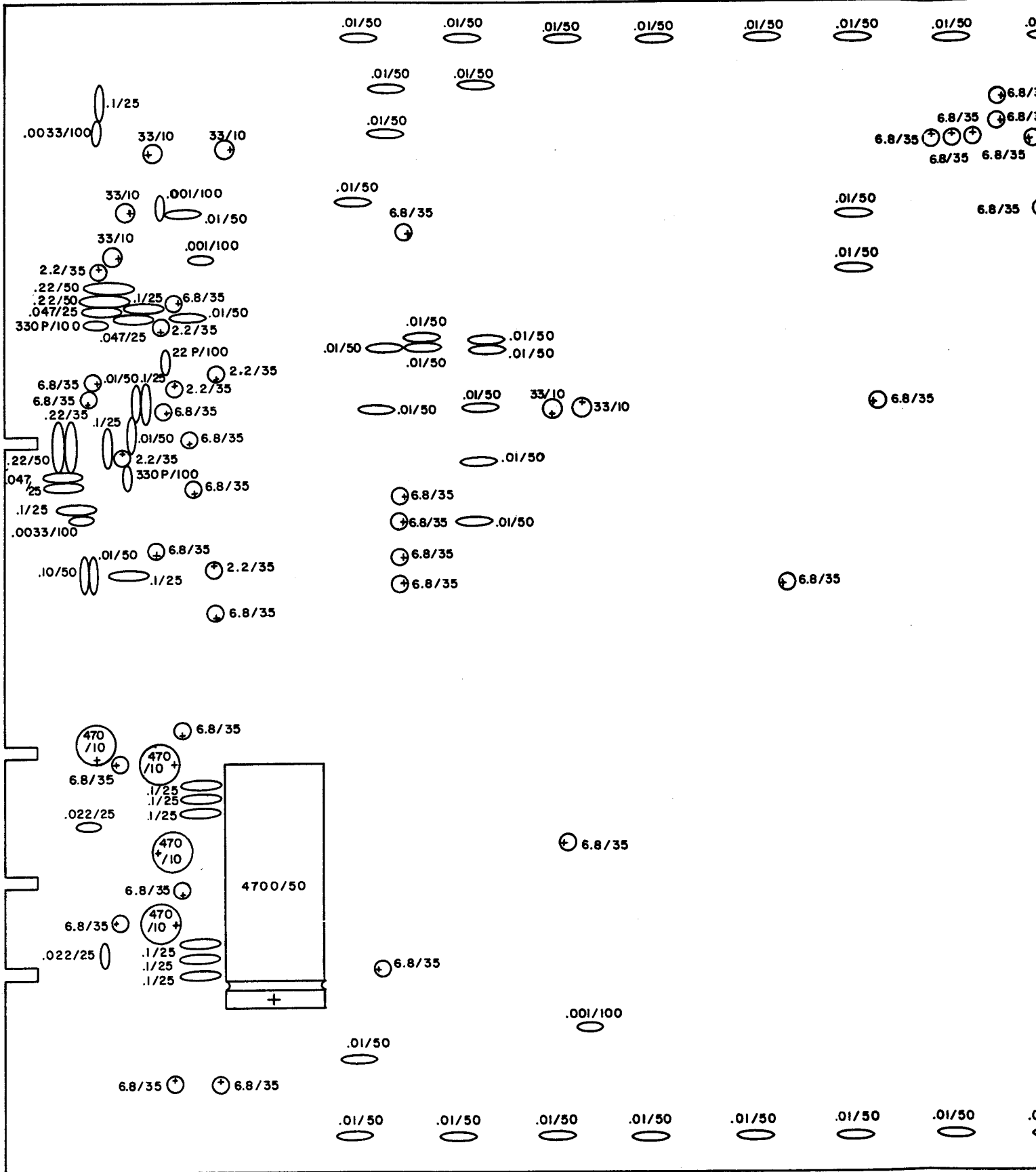
6.8/35 6.8/35

6.8/35

6.8/35

01/50 .01/50 .01/50 .01/50 .01/50 .01/50 .01/50 .01/50 .01/50 .01/50

CAPACITOR ASSEMBLY
500



GAME BOARD CAPACITOR ASSEMBLY
466-2500