**J1 PLAYFIELD**

1. GEN ILL. RET.
2. SW. ILL. BUS.
3. GEN ILL. BUS.
4. SOLENOID BUS
5. KEY
6. SPARE
7. GEN. ILL. BUS
8. GEN. ILL. RET.

**J2 CABINET**

1. AC POWER
2. AC RET.
3. SOLENOID BUS
4. GEN. ILL. BUS.
5. GEN. ILL. RET.
6. FLIP SW. RET.
7. POWER LINE GND.
8. SPARE
9. SPARE
10. KEY

**J3 BALL BOX**

1. RELAY
2. Z.C. INPUT HAJA-15
3. SOLENOID BUS
4. TO REG. (175) INPUT
5. GEN. ILL. BUS.
6. SW. ILL. BUS.
7. TO REG. 45 INPUT.
8. GEN. ILL. RET.
9. SW. LAMP RET.
10. SW. LAMP RET.
11. TO REG. 45 RET.
12. TO REG. 175 RET.
13. TO REG 45 FILT. RET.
14. TO REG 175 FILT. RET.
15. SOLENOID RET. BUS.
16. SOLENOID RET. BUS.
17. KEY
18. GEN. ILL. RET.

**POWER LINE CONNECTIONS**

<table>
<thead>
<tr>
<th>A.C. LINE VOLTAGE</th>
<th>STRAP TERMINALS</th>
<th>APPLY POWER TO TERMINALS</th>
</tr>
</thead>
<tbody>
<tr>
<td>115</td>
<td>1-105 AND 9-115</td>
<td>1 AND 9</td>
</tr>
<tr>
<td>120</td>
<td>1-105 AND 5-107</td>
<td>1 AND 5</td>
</tr>
<tr>
<td>220</td>
<td>3-105</td>
<td>1 AND 12</td>
</tr>
<tr>
<td>240</td>
<td>3-105</td>
<td>1 AND 7</td>
</tr>
</tbody>
</table>

STERN ELECTRONICS INC.
1725 DIVERSEY BLVD. CHICAGO 60614

POWER TRANSFORMER MODULE SCHEMATIC FOR PINBALL SOLID STATE

DATE: 9-20-77

SCALE: 4:1

PART MUST BE FREE OF BURRS

Unless otherwise specified, all fractional dimensions carry tolerances of plus and minus .015. All decimal dimensions plus and minus .005. Exception: Drilled holes plus .003 minus .001. Die casting fractional plus and minus .005; Decimal plus and minus .003. Decimal dimensions on tools plus and minus .001.

Angles ±30° unless otherwise specified.
NOTES:
1. * SCRS MC68106 - 1
   OTHERS 2N5060
2. U5, U6, U7 & U8 PINS 1 CONNECTED
   TO +5 WHILE PINS 8 ARE GROUNDED
3. U1, U2, U3 & U4 ARE MC14514 OR
   EQUIVALENT
4. U5, U6, U7 & U8 ARE CD4050 OR
   EQUIVALENT
COMPLETE DROP TARGET ASS'Y

C-387-3