SAN DIEGO AREA
CIRCUIT CARD AND LOAD SUMMARY
THIS CARD MUST BE FILLED OUT AND AVAILABLE AT THE SERVICE EQUIPMENT FOR THE ROUGH INSPECTION

<table>
<thead>
<tr>
<th>ADDRESS</th>
<th>OWNER</th>
<th>PHONE</th>
<th>PERMIT #</th>
<th>CENSUS TRACT #</th>
<th>CONTRACTOR</th>
<th>PHONE</th>
<th>AREA IN SQ. FT.</th>
</tr>
</thead>
</table>

**Fill in applicable items below for new and existing. Use remarks as necessary to describe work.**

| Circuit | Rooms | T | C | B | R | S | Circuit | Rooms | T | C | B | R | S | Circuit | Rooms | T | C | B | R | S | Circuit | Rooms | T | C | B | R | S | Circuit | Rooms | T | C | B | R | S | Circuit | Rooms | T | C | B | R | S | Circuit | Rooms | T | C | B | R | S |
| Circuit 1 | Rooms | T | C | B | R | S | Circuit 2 | Rooms | T | C | B | R | S | Circuit 3 | Rooms | T | C | B | R | S | Circuit 4 | Rooms | T | C | B | R | S | Circuit 5 | Rooms | T | C | B | R | S | Circuit 6 | Rooms | T | C | B | R | S | Circuit 7 | Rooms | T | C | B | R | S | Circuit 8 | Rooms | T | C | B | R | S | Circuit 9 | Rooms | T | C | B | R | S | Circuit 10 | Rooms | T | C | B | R | S | Circuit 11 | Rooms | T | C | B | R | S | Circuit 12 | Rooms | T | C | B | R | S |

**REMARKS**

COMPUTED SERVICE LOAD _______ AMPS
See Calculation Worksheet on back for S.F.D. only

SYSTEM VOLTAGE

GFCI LOCATIONS

SERVICE GROUND/BOND
(a) Size: No. QJ AL
(b) Location of clamp(s)
(c) Connected YES NO

I certify that all terminations have been torqued in accordance with manufacturer's instructions and that the work shown on this circuit card represents the full extent of the work performed under this permit.

OWNER/CONTRACTOR

SIGNED

DATE

<table>
<thead>
<tr>
<th>NAME PLT</th>
<th>WIRE SIZE</th>
<th>BRKR SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>SERVICE</td>
<td>RANGE</td>
<td>OVEN</td>
</tr>
<tr>
<td></td>
<td>MICROWAVE</td>
<td>DRYER</td>
</tr>
<tr>
<td></td>
<td></td>
<td>WATER HEATER</td>
</tr>
<tr>
<td></td>
<td>COMPACTOR</td>
<td>DISHWASHER</td>
</tr>
<tr>
<td></td>
<td>HEAT PUMP</td>
<td>H/P STRIP HEATERS</td>
</tr>
<tr>
<td></td>
<td>A/C</td>
<td></td>
</tr>
</tbody>
</table>

**T = tail**

**C = ceiling light**

**B = wall bracket light**

**R = convenience recept outlet**

**S = switch**

*Name of each room where outlets are located
List only new or modified circuits above
List old and new outlets on same circuit - marking old outlets thus ○
Use circuit spaces above for general lighting, small appliance, and laundry circuits only

Total number of 15 amp. circuits ________

20 amp. circuits ________

(including new and existing circuits)
STANDARD AND OPTIONAL CALCULATIONS -- ONE-FAMILY DWELLING

1. GENERAL LIGHTING LOADS -- Table 220-3(b)
   _____ sq. ft. x 3 VA =
   Small appliance loads -- 220-15(a)
   1500 VA x _____ circuits =
   Laundry load -- 220-15(b)
   1500 VA x 1 =

   Applying demand factors -- Table 220-11
   First 3000 VA x 100% =
   Next _____ VA x 35% =
   Remaining _____ VA x 25% =

2. COOKING EQUIPMENT LOADS -- Table 220-19; Notes
   Col. A _____ VA demand =
   Col. B _____ VA x _____ % =
   Col. C _____ VA x _____ % =

3. DRYER LOAD -- 220-18; Table 220-18
   _____ VA x _____ % =

4. FIXED APPLIANCE LOADS -- 220-17
   Dishwasher =
   Disposal =
   Compactor =
   Water heater =
   ________ =
   ________ =
   ________ =
   ________ =
   ________ =

   (total) = _______ VA

5. HEATING OR A/C LOAD -- 220-21
   Heating unit = _____ VA x 100% =
   A/C unit = _____ VA x 100% =
   Heat Pump = _____ VA x 100% =

6. LARGEST MOTOR LOAD -- 220-14
   Ø _____ VA x 25% =

   TOTAL = _______ VA

10 service:  \[ I = \frac{VA}{V} \]

STANDARD PHASES  \[ I = \frac{_____ VA}{V} = _____ A \]

OPTIONAL PHASES  \[ I = \frac{_____ VA}{V} = _____ A \]

Applying demand factors -- Table 220-30(4)
First 10,000 VA x 100% =
Remaining _____ VA x 40% =
Heating load =

TOTAL = _______ VA