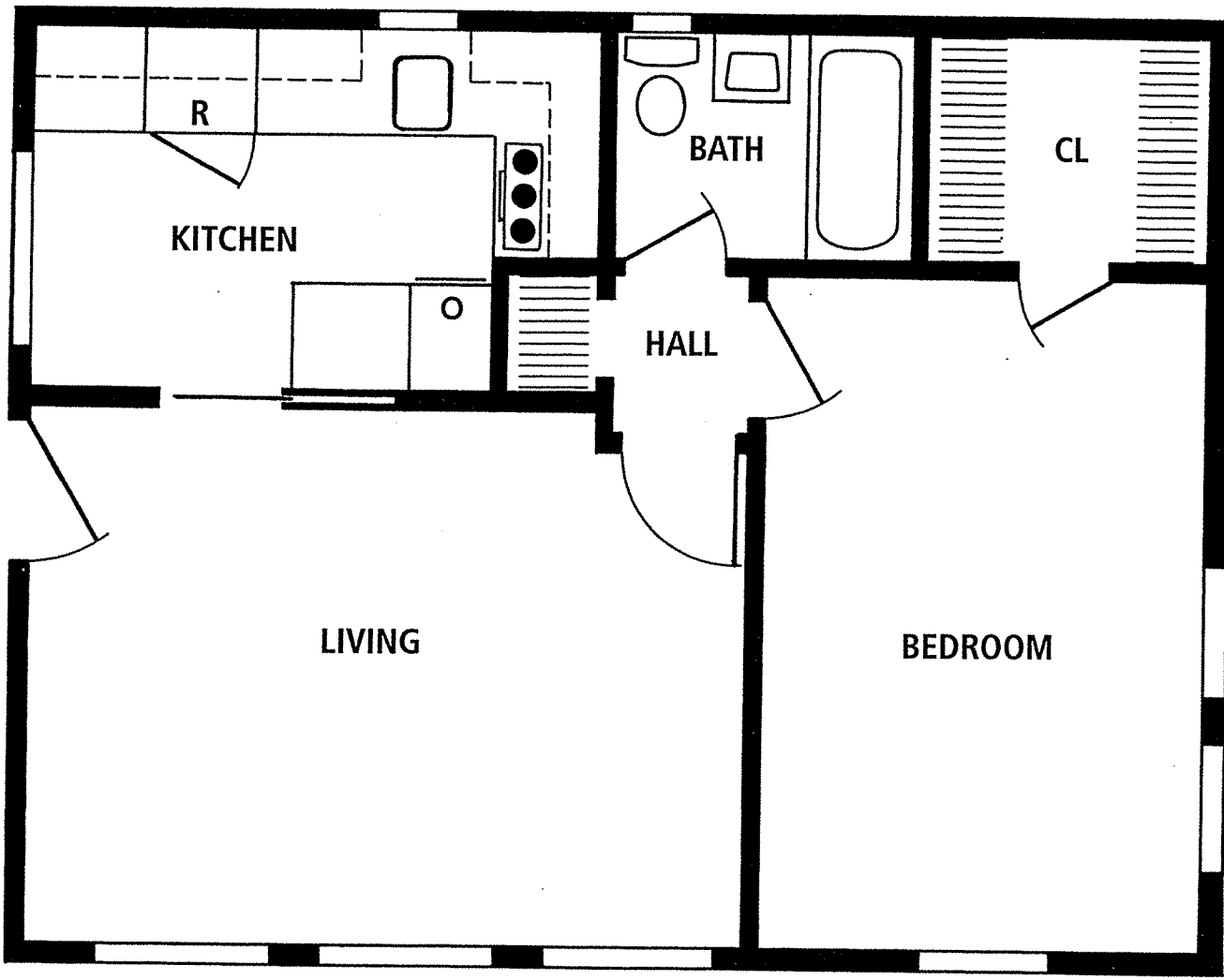


**Exercise 31-1** Using the appropriate symbols and line conventions, complete the electrical plan for this apartment.



- |  |                  |  |                                     |
|--|------------------|--|-------------------------------------|
|  | CEILING FIXTURE  |  | 120V DOUBLE OUTLET                  |
|  | PULL CORD SWITCH |  | 240V OUTLET                         |
|  | WALL FIXTURE     |  | 120V TRIPLE OUTLET                  |
|  | CLOCK            |  | SPECIAL PURPOSE OUTLET (240V DRYER) |
|  | POWER PANEL      |  | WEATHERPROOF OUTLET                 |
|  | TELEPHONE OUTLET |  | GROUND-FAULT CIRCUIT INTERRUPTER    |
|  | TELEPHONE JACK   |  | FLOOR OUTLET                        |
|  | BELL             |  | SWITCH (TWO WIRES)                  |
|  | METER            |  | SWITCH (THREE WIRES)                |
|  | GAS OUTLET       |  | SWITCH (FOUR WIRES)                 |
|  | HEAT OUTLET      |  | AUTOMATIC DOOR SWITCH               |
|  | FLOOR DRAIN      |  | SWITCH WITH PILOT LIGHT             |
|  | WATER HEATER     |  | LOW-VOLTAGE SWITCH                  |

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