

Schedule of Special-Purpose Outlets

| Symbol         | Description  | Volts   | Horse-power  | Appliance Ampere Rating                | Total Appliance Wattage Rating (or VA) | Circuit Ampere Rating | Poles | Wire Size THHN | Circuit Number | Comments   |
|----------------|--|---------|--|--|--|-----------------------|-------|----------------|----------------|--|
| ⬆ <sub>A</sub> | Hydromassage tub, Master Bedroom                         | 120     | ½  | 10                                     | 1200                                   | 15                    | 1     | 14             | A9             | Connect to separate circuit. Class "A" GFCI circuit breaker.   |
| ⬆ <sub>B</sub> | Water pump   | 240     | 1  | 8                                      | 1920                                   | 20                    | 2     | 12             | A(5–7)         | Run circuit to disconnect switch on wall adjacent to pump. Install 10-ampere dual-element fuses as "back-up" protection. Pump controller has integral overload protection.   |
| ⬆ <sub>C</sub> | Water heater: top element 4500 W. Bottom element 4500 W. | 240     | –0–  | 18.8                                   | 4500                                   | 30                    | 2     | 10             | A(6–8)         | Connected for limited demand. Both elements cannot operate at the same time.   |
| ⬆ <sub>D</sub> | Dryer  | 120/240 | 120 V<br>⅓ Motor Only  | 23.75                                  | 5700 Total                             | 30                    | 2     | 10             | B(1–3)         | Provide flush-mounted 30-A dryer receptacle.   |
| ⬆ <sub>E</sub> | Overhead garage door opener                              | 120     | See Unit 16 for explanation of overhead door operator horse-power rating | 5.8                                    | 696                                    | 15                    | 1     | 14             | B14            | Unit comes with 3-W cord. Provide box-cover unit (fuse/switch). Install Fustat Type S fuse, 8 amperes. Unit has integral protection. Fustat fuses are additional "back-up" protection. Connect to garage lighting circuit. Shall be GFCI protected |
| ⬆ <sub>F</sub> | Wall-mounted oven  | 120/240 | –0–  | 27.5                                   | 6600                                   | 30                    | 2     | 10             | B(6–8)         |  |
| ⬆ <sub>G</sub> | Countertop range   | 120/240 | –0–  | 31                                     | 7450                                   | 40                    | 2     | 8              | B(2–4)         |  |
| ⬆ <sub>H</sub> | Food waste disposer                                      | 120     | ⅓  | 7.2                                    | 864                                    | 20                    | 1     | 12             | B19            | Controlled by S. P. switch on wall to the right of sink.   |
| ⬆ <sub>I</sub> | Dishwasher   | 120     | ⅓  | 9.2<br>Includes 875-W heater           | 1104                                   | 20                    | 1     | 12             | B5             |  |
| ⬆ <sub>J</sub> | Heat/vent/light Master Bedroom bath                      | 120     | –0–  | 12.5                                   | 1500                                   | 20                    | 1     | 12             | A12            |  |
| ⬆ <sub>K</sub> | Heat/vent/light Front Bedroom bath                       | 120     | –0–  | 12.5                                   | 1500                                   | 20                    | 1     | 12             | A11            |  |
| ⬆ <sub>L</sub> | Attic exhaust fan  | 120     | ¼  | 5.8                                    | 696                                    | 15                    | 1     | 14             | A10            | Run circuit to 4-in. square box. Locate near fan in attic. Provide box-cover unit. Install Fustat Type S fuse, 8 amperes. Unit has integral protection. Fustat fuses provide additional back-up protection.  |
| ⬆ <sub>M</sub> | Electric furnace   | 240     | ⅓ Motor Only   | Motor 3.5<br>heater 50.7<br>Total 54.2 | 13000                                  | 70                    | 2     | 4              | A(1–3)         | The overcurrent device and branch-circuit conductors shall not be less than 125% of the total load of the heaters and motor. $54.2 \times 1.25 = 67.75$ (424.3(B)).  |
| ⬆ <sub>N</sub> | Air conditioner  | 240     | –0–  | 26.4                                   | 6336                                   | 45                    | 2     | 10             | A(2–4)         |  |
| ⬆ <sub>O</sub> | Freezer  | 120     | ¼  | 5.8                                    | 696                                    | 15                    | 1     | 14             | A13            | Install single receptacle outlet.  |