

MARTIN COUNTY BUILDING DEPARTMENT 900 SE RUHNKE STREET STUART, FL 34994 (772) 288-5916 permitting@martin.fl.us Text: 202-937-0892

## Martin County Electrical Load Calculations

| Electrical Contractor:                    |                      |
|-------------------------------------------|----------------------|
|                                           | Fax No.:             |
| Project:Location:                         |                      |
| Existing Service Feeder Size:             | Existing Panel Size: |
| Main Breaker Size:                        | Number of Breakers:  |
| Existing Loads                            |                      |
| Sq. ft. x 3 watts per sq. ft.             | watts                |
| Appliance cir. @ 1500 watts each          | watts                |
| Laundry cir. @ 1500 watts each            | watts                |
| Range @ 8 kw                              | watts                |
| Dishwasher and disposal @ 1500 watts each | watts                |
| Microwave @ 2000 watts                    | watts                |
| Water heater @ 4.5 kw                     | watts                |
| Tankless water heater                     | watts                |
| Dryer @ 5 kw                              | watts                |
| Refrigerator @ 1500 watts                 | watts                |
| Bathroom 1 @ 1500 watts                   | watts                |
| Sprinkler Pump                            | watts                |
| Other                                     | watts                |
| Other                                     | watts                |
| Other                                     | watts Sub Totalwatts |
| New Loads                                 |                      |
| Pool pump                                 | watts                |
| Pool light                                | watts                |
| Heat pump                                 | watts                |
| Chlorine generator                        | watts                |
| Air blower                                | watts                |
| Boatlift                                  | watts                |
| Other                                     | watts                |
| Other                                     | watts                |
| Other                                     | watts                |
|                                           | Totalwatts           |
| First 10 kw @ 100%                        | watts                |
| Remainder @ 40%                           | watts                |
| A/C heat @ 100%                           | watts                |
| Total watts Divided by 240 volts = Amps   |                      |
| Prepared by: Date:                        |                      |

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