



**Address:** \_\_\_\_\_

**Phone:** \_\_\_\_\_

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### **Sustainable Practices Statement and Lot Coverage Calculation.**

**To:** City of Satellite Beach Building Department

**Subject:** Lot Coverage and Environmental Compliance

**Property Address:** \_\_\_\_\_

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### **Statement of Compliance with Sustainable Practices**

We are committed to implementing sustainable building practices in all of our projects. For the project at \_\_\_\_\_ we have ensured that all materials and construction methods comply with environmental standards.

1. **Use of Sustainable Materials:** The project will be constructed using materials that minimize environmental impact, prioritizing recycled and eco-friendly products.
2. **Water Management & Drainage:** The design incorporates proper drainage systems to manage stormwater runoff efficiently, preventing any negative effects on the surrounding environment. This will ensure that the project does not contribute to flooding or erosion and complies with local drainage regulations.
3. **Energy Efficiency:** The project will enhance the thermal efficiency of the pool area, reducing the need for heating or cooling and contributing to the overall energy efficiency of the property.
4. **Local Ordinance Compliance:** The following lot coverage calculations demonstrate compliance with the City of Satellite Beach's requirements for impervious surface limitations, ensuring that less than 50% of the lot is covered by impervious materials. This reduces heat island effects and promotes natural water infiltration.

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To calculate the lot coverage for your project, please visit the Brevard County Property Appraiser's Office (BCPAO) website to obtain the existing lot coverage information for your property. In addition, measure the dimensions of your current driveway and any proposed structures. Use these measurements to determine the total lot coverage and ensure that it complies with the city's lot coverage regulations. This information must be submitted with your building permit application to verify that your project meets all applicable requirements.

## Lot Coverage Calculations

Total Lot Area: \_\_\_\_\_ sq. ft.

Maximum Allowed Impervious Coverage: \_\_\_\_\_ sq. ft.

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| Item      | Impervious Surface Area (sq. ft.) |
|-----------|-----------------------------------|
| Sub base  | _____                             |
| Pool Deck | _____                             |
| Sidewalk  | _____                             |
| Driveway  | _____                             |
| Other     | _____                             |
| Other     | _____                             |

Total Impervious Coverage: \_\_\_\_\_ sq. ft.

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## Conclusion

The total impervious lot coverage for the property is \_\_\_\_\_ **sq. ft.**, which is within the allowable coverage limit of \_\_\_\_\_ **sq. ft.** as per the City of Satellite Beach regulations. This calculation confirms that the property remains compliant with local codes concerning impervious surface restrictions, thereby supporting sustainable site management.

Please find the attached plans and additional documentation for the proposed project. We appreciate your review and approval of this project, which adheres to the city's environmental standards and construction regulations.

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Company Representative: \_\_\_\_\_

Contact: \_\_\_\_\_