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May 28, 2025

Mr. John Sfiropoulos, P.E.
City of Pompano Beach Engineering Dept.
100 Atlantic Blvd,
Pompano Beach Beach, Florida 33060

**Subject: Drainage Statement
The Satori at Lighthouse Point
Pompano Beach, Florida
Our Project #11146**

Dear Mr. Sfiropoulos:

The Satori at Lighthouse Point site is located along the west side of Federal Highway, and approximately 2,800-ft north of Sample Road in Pompano Beach, Florida. The total site area is 2.72 acres. The project is located in South Florida Water Management District's (SFWMD) Intra-Coastal Basin. The proposed stormwater management system for the site includes inlets and culverts which will collect and convey runoff into proposed exfiltration trenches found under the open air proposed garage on the first floor of the proposed building and along the driveway leading to the proposed building located to the northeast of the proposed building. The project will have legal positive outfall to the existing drainage structure located to the southeast of the site along Federal Highway.

The SFWMD criteria for this project will be a water control elevation of El. 4.20' NAVD. The proposed minimum pavement, perimeter and finished floor criteria will exceed the calculated 5-year 1-day, 25-year 3-day and 100-year 3-day design storms, respectively, as required by code. A control structure will be installed to regulate the discharge into the existing drainage structure.

Submitted By:
Caulfield & Wheeler, Inc.

Matthew Kahn, P.E.
Project Engineer
License #82227
State of Florida

DJP

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