

**DRC**PZ25- 12000016  
01/21/2026**CAULFIELD & WHEELER, INC.**

Consulting Engineers • Surveyors &amp; Mappers

Celebrating

**35**  
yearsEngineering EB0003591  
Surveying LB0003591  
Landscape Architecture LC0000318

October 29, 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**  
**Pompano Beach, Florida**  
**Our Project #11146**

Dear Mr. Sfiropoulos:

The Satori 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 garages on the first floor of the proposed building, in the driveway in between both open air proposed garages, and along the driveway leading to the proposed building located to the north 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.

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

DJP

**DRC**PZ25- 12000016  
12/03/2025

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