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Sustainability Narrative

To: **Lauren Gratzner**
Senior Planner
City of Pompano Beach
Street Address
City, State, Zip

Date: **September 10, 2024**

Project: **Condo Hotel**
872 E McNab Road
Pompano Beach, FL
PZ 23-12000045

From: **Jeff Schroeder, Project Coordinator**
Central Design Group II
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Columbia, MO 65201

CDG No.: **22031**

The Condo Hotel project will include the following sustainable features in its construction:

- The structure will be designed and constructed to resist 150 mph winds (4pts), which will help to mitigate future repairs from possible storm damage.
- The project will be constructed on an infill site (4pts), which fronts on E McNab Road with abuts to fully developed properties on each of the three sides and properties across the right-of-way.
- The roof will be covered with white TPO roofing (2pts) to reduce solar heat gain by reflecting heat away. This will help to reduce the electricity usage for cooling.
- Windows on the south elevation will have sun shade overhangs (2pts) to help to reduce solar heat gain. This will reduce electricity usage for cooling.

This provides a total of 12 sustainability points as required for compliance with the zoning requirement.

Additional features as required by the Florida Energy Conservation Code will also be incorporated into the design and construction.

Jeff Schroeder, AIA
Project Coordinator

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