

# **EXHIBIT 8**

## **Marina Park**

### **Summary of Resiliency Features**

- Develop 1 acre into a park for the benefit of city residents
- The park will provide different areas to include open green spaces, benches, drinking fountains, outdoor living rooms enclosed with landscaping.
- Provide landscape to encourage habitat areas for pollinators, including at least 70% of plants and trees to be native.
- Provide lighting to limit backlight, up light and glare, within temperature ranges in accordance with City safety requirements, including but not limited to light poles, lighted bollards and landscaping lighting.
- A stormwater management system capable of retaining and disposing runoff in accordance with the City of Miami Beach as well as the F-DOT design storm requirements.
  - o Miami-Dade County RER (DERM) 5-Year, 1-Hour 3.2" rainfall storm
  - o Miami-Dade County RER (DERM) 5-Year, 24-Hour, 6" rainfall storm
  - o City of Miami Beach 10-Year, 24-Hour, 8.75" rainfall storm (which includes a 1.25 factor of safety)
  - o FDOT 100-Year, 24-Hour, 13" rainfall storm
- A bio-swale will be provided to contain part of the stormwater and to work as part of the stormwater management system.
- Provide a cistern to capture runoff during storm events and provide reuse opportunity to irrigate planting.
- The project will integrate a Blue roof to reduce urban heat island affect by evaporating rainwater back into the air for three days after the storm passes.
- The resilient topography will be sloped and pitched to manage the water quality interface between stormwater, groundwater and baywater.
- A perimeter swale will be constructed to contain storm and irrigation runoff water on the property.
- Information and education signage to be installed to inform and inspire the public about resilience and sustainability efforts being made in the property.