

# MIAMI BEACH

City of Miami Beach, 1700 Convention Center Drive, Miami Beach, Florida 33139, [www.miamibeachfl.gov](http://www.miamibeachfl.gov)

## **RECOMMENDED PUBLIC BENEFITS FOR THE PROPOSED EXPANSION AT 4000**

### **ALTON ROAD**

1. Develop a one (1) acre park for the benefit of city residents
2. The initial park concept SHOULD include options for fitness, open green spaces, seating areas, drinking fountains, landscaping and children's play areas.
3. Provide landscape to encourage habitat areas for pollinators, including at least 70% of plants and trees to be native.
4. All lighting should limit backlighting and glare, within temperature ranges in accordance with City safety requirements, including but not limited to light poles, lighted bollards and landscaping lighting.
5. Study the feasibility of providing a dog park.
6. If playground areas for children are provided, such area should include perimeter shade trees and other means of shade. Additionally, if playground equipment is provided it should be manufactured by Monstrum (or equivalent) made mostly of wood and warranted for durability and low maintenance.
7. A stormwater management system capable of retaining and disposing runoff in accordance with the City of Miami Beach standards and requirements, as well as FDOT design storm requirements. At a minimum, the following benchmarks shall be met:
  - Miami-Dade County RER (DERM) 5-Year, 1-Hour 3.2" rainfall storm
  - Miami-Dade County RER (DERM) 5-Year, 24-Hour, 6" rainfall storm
  - City of Miami Beach 10-Year, 24-Hour, 8.75" rainfall storm (which includes a 1.25 factor of safety)
  - FDOT 100-Year, 24-Hour, 13" rainfall storm
8. Drainage wells that will promote the cleaning of the first flush of rainfall from the lift station to the bay shall be required. The capacity of these wells shall not be utilized towards on-site stormwater management and a separate stormwater management system shall be constructed as described above. At a minimum, the following benchmarks shall be met:
  - A minimum of five interconnected wells shall be provided for the sole purpose of improving the performance and quality of storm water runoff from the proposed stormwater system, as more specifically depicted in the City's Middle North Bay and Nautilus Basin Study
  - All wells shall have a minimum combined capacity of 10,000 gallons per minute with no well design assuming more than 2,000 gallons per minute per individual well.
  - All wells shall be designed and constructed in accordance with regulatory requirements.

- All wells shall be permitted for use as injection wells with passive pressure relief by means of an orifice plate or other method approved by applicable regulatory authorities and the City.
  - All wells shall contain a header, with an appropriate passive pressure relief device, manifolding all wells to a proposed pump station.
  - All wells shall be spaced in a manner to ensure that no well capacity is limited by another.
  - All wells shall be tested to confirm minimum required capacity is achieved.
9. A cistern shall be provided to capture water runoff during storm events and provide reuse opportunity to irrigate planting.
  10. A continuous bio-swale shall be provided to contain stormwater and to work as part of the stormwater management system.
  11. A continuous perimeter swale shall be constructed to contain storm and irrigation runoff water on the property.
  12. The perimeter sidewalk shall be relocated into the property in order to create a green area between the sidewalk and curb.
  13. Information and education signage shall be installed to inform and inspire the public about resilience and sustainability efforts being made in the property.