

NBV100 Resiliency



WHAT IS THE NBV100 MASTER PLAN?

The NBV100 Master Plan is equipping North Bay Village with the tools to become a more livable, sustainable and prosperous community that can adapt to the challenges of a changing climate.

While celebrating its 75th anniversary in 2020, this diverse and engaged community is having serious, candid discussions on the issues that will shape the Village's next 25 years. Helping to structure the Master Plan's vision are three pillars: Livability, Resiliency and Prosperity.

Weaving together through these three pillars, a new zoning code will provide the framework for building sensibly, encouraging sustainable streetscapes and providing transparent and predictable rules for the benefit of residents, as well as developers.

PREPARING FOR ENVIRONMENTAL CHANGES



CREATED IN WATER

Identify responsible and self-sustaining policies that reflect NBV's commitment to the stewardship of its waterfront and the Biscayne Bay water quality.



THRIVING WITH WATER

Implement strategies that offer predictability to both current residents and future investors that help maximize the NBV waterfront potential while remaining open to modifications over time to address sea level rise and evolving climate patterns.



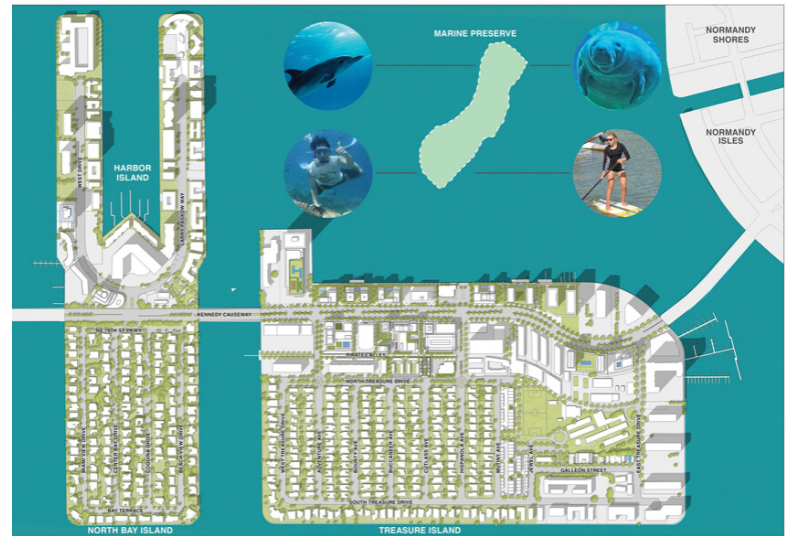
PROTECTED FROM WATER

Prepare for and mitigate the effects of severe weather events with better storm water management, resource conservation and reductions in carbon emissions.

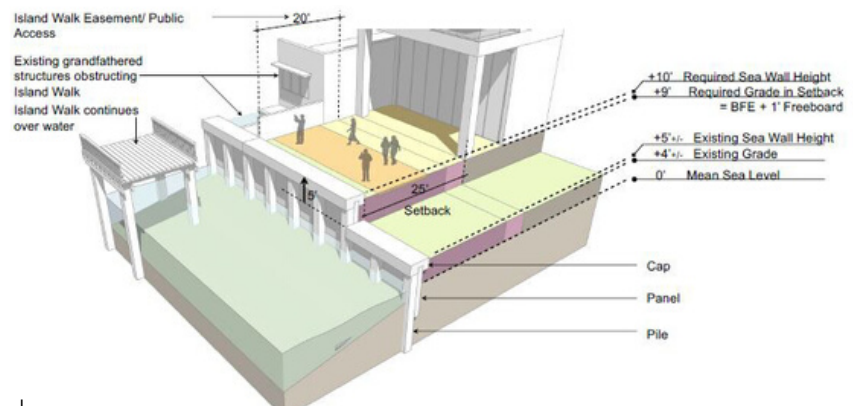
CREATED IN WATER

To further protect the water quality and marine life within Biscayne Bay, the Commission recently passed the following ordinances and resolutions:

- Adopting the Florida-Friendly Best Management Practices for Protection of Water Resources by the Green Industries, which bans certain fertilizers with nutrients that harm Biscayne Bay.
- Banning the use of single-use plastics, including straws, plastic bags, flatware, dinnerware, etc., which are not biodegradable and can end up in the Bay.
- Prohibiting the use of polystyrene and Styrofoam products.
- Allowing for PACE (Property Assessment Clean Energy) Program, a tool for residents to voluntarily finance energy conservation, efficiency improvements, renewable energy improvements and wind-resistance improvements in their homes.



North Bay Village plans to establish a marine preserve and seagrass restoration area in Biscayne Bay (above).



The image above depicts the proposed seawall reconstruction alongside the new Island Walk.

THRIVING WITH WATER

The entire Village is surrounded by seawalls, the vast majority of which are on private property. Over time seawalls reach their life-expectancy and often require repairs or replacements. The Village is proposing a coordinated strategy, so when appropriate, seawalls are reconstructed to a standard elevation (an illustrative 5-foot increase is shown above). North Bay Village has engaged with a consultant to propose these new design standards for the Village.

PROTECTED FROM WATER

Development of non-habitable first floor to be used for parking, and storage with this type of design, properties are protected from storm surge and sea level rise.



Resilient buildings, as shown above, will make waterfront housing sustainable and resilient against climate change.