

MIAMI BEACH

PLANNING DEPARTMENT

Staff Report & Recommendation

Design Review Board

TO: DRB Chairperson and Members

DATE: November 5, 2024

FROM: Thomas R. Mooney, AICP
Planning Director



SUBJECT: **DRB24-1048**
112 MacArthur Causeway – Terminal Island Water Booster Pump Station Hardening

An application has been filed for Design Review on an advisory basis for the mechanical rehabilitation and hardening of the Water Booster Station on Terminal Island. The hardening work includes storm proofing and waterproofing the station and the construction of an overground generator and fence.

Project Description:

The Department of Public Works submitted an application pertaining to the *TERMINAL ISLAND WATER BOOSTER PUMP STATION*, for advisory review by the Design Review Board. The project involves the installation of equipment that will improve the resiliency and reliability of the existing water booster pump station on Terminal Island. The project includes the installation of a permanent generator, replacement of an air handler unit, replacement of the perimeter fencing and a new access gate, and door frame improvements.

The most visible portion of the project will be the new generator, which will be located immediately to the east of the existing building. Additional infrastructure work will take place inside the building and underground that will not be visible.

The water booster station is located adjacent to MacArthur Causeway, the Fisher Island Ferry and Garage, the Coast Guard Station Miami, and surface parking. The proposed exterior modifications are screened from view along the MacArthur Causeway by large trees and shrubs, and will not impact pedestrians.

The proposed changes are necessary to improve the functioning of the existing water booster pump station and ensure that it will be resilient to natural events. The above ground changes are minimal and should not negatively impact the surrounding areas. Overall, the project will benefit the surrounding neighborhood and help ensure that Miami Beach's potable water system functions well.

Conclusion

Staff recommends that the DRB discuss the proposal and provide any recommendations to the City Commission. The recommendations of the Board will be transmitted via LTC to the City Commission.