

ON BEHALF OF THE HIGHLAND BEACH NATURAL RESOURCES PRESERVATION ADVISORY BOARD: A CASE STUDY ON THE DUNE RESTORATION EFFORTS OF PENTHOUSE TOWERS

Please note that the Penthouse Towers Dune Restoration efforts provided below are not general dune restoration guidance for all properties in the Town, but instead a case study on their specific efforts to restore their beach dune. **Before removing, planting or pruning vegetation in your beach dune, please contact the Florida Department of Environmental Protection (FDEP) to determine whether you will need a permit.** The contact information for FDEP is as follows:

David Kieckbusch
Environmental Specialist II, FDEP
David.Kieckbusch@floridadep.gov
Office: 561-681-6646
Cell: 561-313-9007

Case Study: Penthouse Towers Dune Restoration – Elaine Prentice, Property Manager

STEP #1. Got a **permit** from FDEP for a dune restoration project. This FDEP **permit** was valid for one year and only for one-time restoration work. Permit information submitted included the following:

- a. Emailed David Kieckbusch of FDEP with detailed description of the project including proposed pruning and removal of vegetation.
- b. Provided google map picture with some self-made drawings of the area and proposed restoration project.
- c. Provided list of plants to add to dune.

STEP #2 Trimmed dune plants to 42" high - this allowed us to see what exotics we had on the dune and made it easier to remove them.

STEP #3 Removed exotic plants – they “overgrow” native plants and they do not retain sand on the dune.

THE FOLLOWING NATIVE PLANTS WERE EXISTING OR ADDED:



Sea Lavender



Bay Cedar Grows well.



Bay Cedar



Beach/Golden Creeper



Sea Purslane



Beach Sunflower



Sea Oats

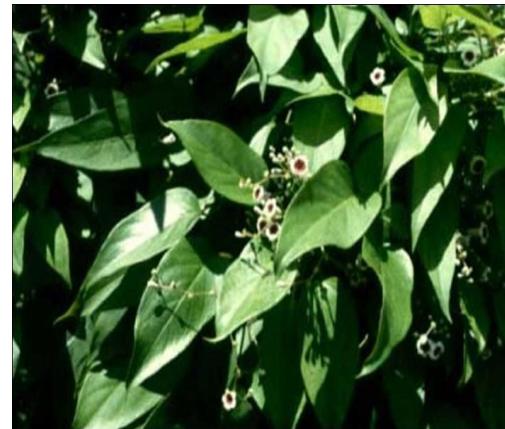
THE FOLLOWING INVASIVE PLANTS WERE REMOVED:



SNAKE PLANT



SCAEVOLA Taccada



SKUNK VINE



BRAZILLIAN PEPPER TREE



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Division of Water Resource Management
Coastal Construction Control Line Program
2600 Blair Stone Road, M.S. 3522
Tallahassee, FL 32399-2400
Phone: (850) 245-8336

Permit No. 8042241 PB

No. of Pages Attached: 4

FIELD PERMIT PURSUANT TO SECTION 161.053 OR 161.052, FLORIDA STATUTES

FINDINGS OF FACT AND CONCLUSION OF LAW: The request for a field permit was considered by the staff designee of the Department of Environmental Protection and found to be in compliance with the requirements of Chapter 62B-33, Florida Administrative Code (F.A.C.). Approval is specifically limited to the activity in the stated location and by the project description, approved plans (if any), attached standard conditions, and any special conditions stated below pursuant to Paragraph 161.053(3), Florida Statutes (F.S.). This permit may be suspended or revoked in accordance with Section 62-4.100, F.A.C.

PROJECT LOCATION:

Between approximately N0025'N0430' feet of the DEP range monument R-195, in Broward County
Penthouse Towers
3101 South Ocean Blvd
Highland Beach

SAMPLE OF FDEP FIELD PERMIT

PHOTOS OF PENTHOUSE TOWERS DUNE – 1 YEAR OLD:



Beach creeper (ground cover) and Sea Lavender (they have little white flowers on them).



Four O'Clock Flowers (also known as Beach Peanut) are coming back again this year.



Railroad Vine Creeping Back Down the Dune onto the Beach.



We removed a very large exotic planting here in November 2023 and planted Beach Sunflowers.



Bay Cedars – 1 year old.



Beach Sunflowers and Sea Oats – 1 year old.