at the ends of the structure) profile), and lead to active erosion (localized scour waterward of the structure and on unprotected property maintenance. They do not prevent erosion of the beach, and in fact, can exacerbate ongoing erosion of the Seawalls, bulkheads, and reverments are shore-parallel structures built, usually along the shoreline or at beach. The structures can impound upland sediments that would otherwise erode and nourish the beach, levels, waves, and erosion. The degree of protection they afford depends on their design, construction, and the base of a bluff, to act as retaining walls and to provide some degree of protection against high water lead to passive erosion (eventual loss of the beach as a structure prevents landward migration of the beach

a good substitute for proper siting and foundation design. Guidance on evaluating the ability of existing see Figures 3-32 and 3-45). Reliance on these devices to protect inland sites and residential buildings is not seawalls and similar structures to withstand a 1-percent-annual-chance coastal flood event can be found in or withstand the storm, but fail to prevent flood damage to lands and buildings they are intended to protectcontrol devices fail during 1-percent-annual-chance, or lesser, events (i.e., are heavily damaged or destroyed, Post-storm inspections show that the vast majority of privately financed seawalls, revetments, and erosion Walton et al. (1989).

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SUPERVISOR/EMPLOYEE
PERFORMANCE EXPECTATION FORM

Employee's Name	Virginia Barker	Signature/ Date	Miguria Sake
Supervisor's Name	Conrad White	Signature/	a flithet 11.15.40
Inclusive Dates, From	11/01/00 To 11/01/01		

Supervisory Instructions: List performance expectations or goals and objectives for upcoming year using the following guidelines:

- Identify the expectations of how duties are to be performed.
- Identify the principal duties of the employee's job and outline how results will be measured.

Outline special objectives or significant work or projects expected to be accomplished. Identify and address areas for employee development needs including an action plan for training so that knowledge, skills and abilities can be improved or expanded upon. Discuss these goals and objectives with the employee and use them to help evaluate the employee during the upcoming year. Once reviewed with the employee, both parties sign this form. Remember, where possible, performance expectations should be measurable.

Goal: Beach Nourishment-Shore Protection Project

To keep all necessary agencies and departments on task to facilitate construction of the North Reach Base Bid by April 30th 2001, start Option A this winter, construct Option B and the South Reach starting in Nov. 2001, and to address rock reef impediments through evaluating options and selecting a preferred alternative for the Satellite Beach area.

Tasks:

- Assist the County Attorney's office in obtaining all necessary easements for the North and South Reaches by May 2001.
- 2. Obtain permits necessary for Space Coast Shoals by spring.
- 3. Collect and analyze data useful in planning and evaluating shore protection options in the area of rock reef outcroppings.
- 4. Set an Erosion Control Line through the South Reach in the spring.
- 5. Collect all post-construction biological monitoring data as required in the project permits.
- 6. Participate in the BCO in June, 2001 for providing detailed technical review of the plans and specifications for the South Reach before soliciting for construction bids.
- 7. Provide project information to the legislative delegation and other political interests to ensure continued federal and state funding for the project in FY2002.
- 8. Participate in numerous inter-agency meetings including TDC, ACOE, FDEP, PAFB and "Team Brevard" meetings.
- 9. Keep apace with technical, political, fiscal, and biological issues specific to the project.
- 10. Develop, present, and update educational materials to the public to increase their understanding of the benefits of this project. This will include presentations, flyers, street signs, web site expansion, an information hotline, and SCGTV infomercials.

Suchian

proposes to add less sand using trucks. Mid-Reach area. Instead, the Army Corps of Engineers beach — would bury all 31 acres of rock reef along the

Office 365. What's your goal?

Exercise more

Find a new job

Save more, spend less

Learn a new skill

Learn a new skill

beach and rebuild 10 to 20 feet of shoreline, depending how much reef lies offshore. The rockiest stretch of Mid-Trucks would haul 655,000 cubic yards of sand onto the

Reach, from Hightower Beach Park northward, would only receive dune reconstruction.

"The project has been crafted with huge effort put into minimizing the amount of rock impact. The rock reefs are valuable habitat. And we would not argue that," McGarry said



Photo 3. shoreline. coquina embedded in concrete mats at reef site 7 off the Brevard County Mid Reach Turf algae, tunicates (Didemnum sp.), and bryozoans (Schizoporella sp.) encrusting



hoto 12. Example of natural hardbottom reef off the Brevard County Mid Reach shoreline showing a dense stand of the green alga Caulerpa prolifera in a water depth of approximately 2 m.

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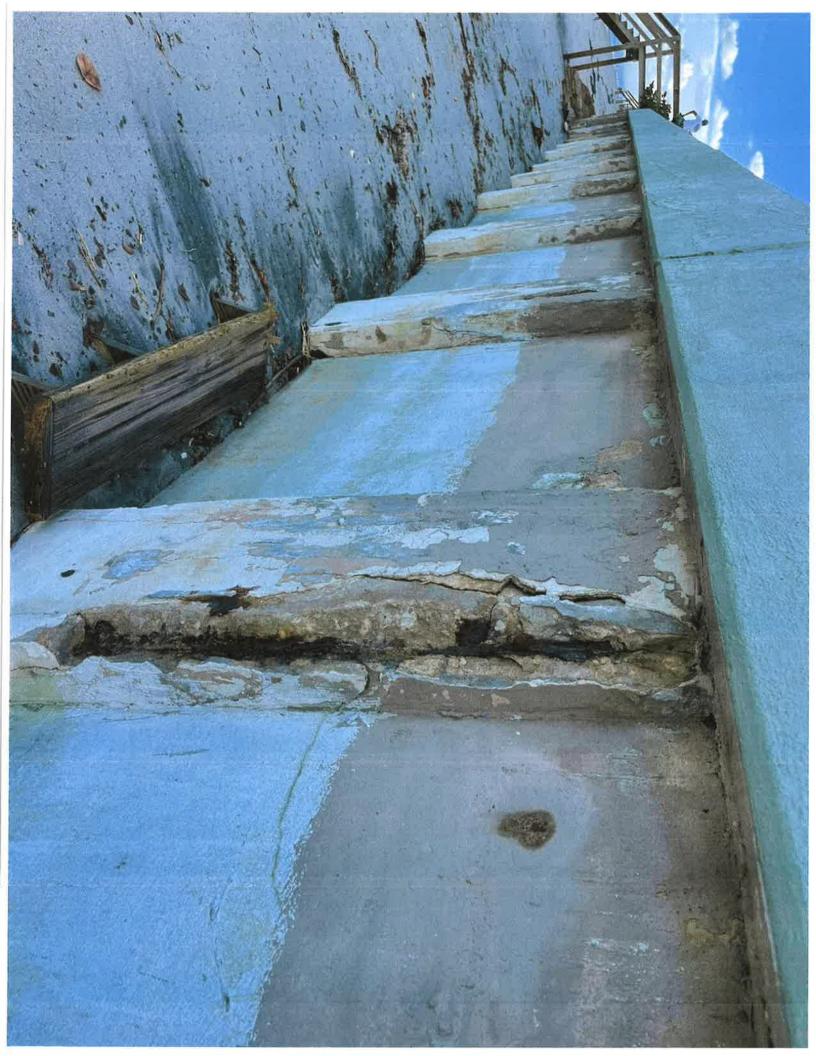


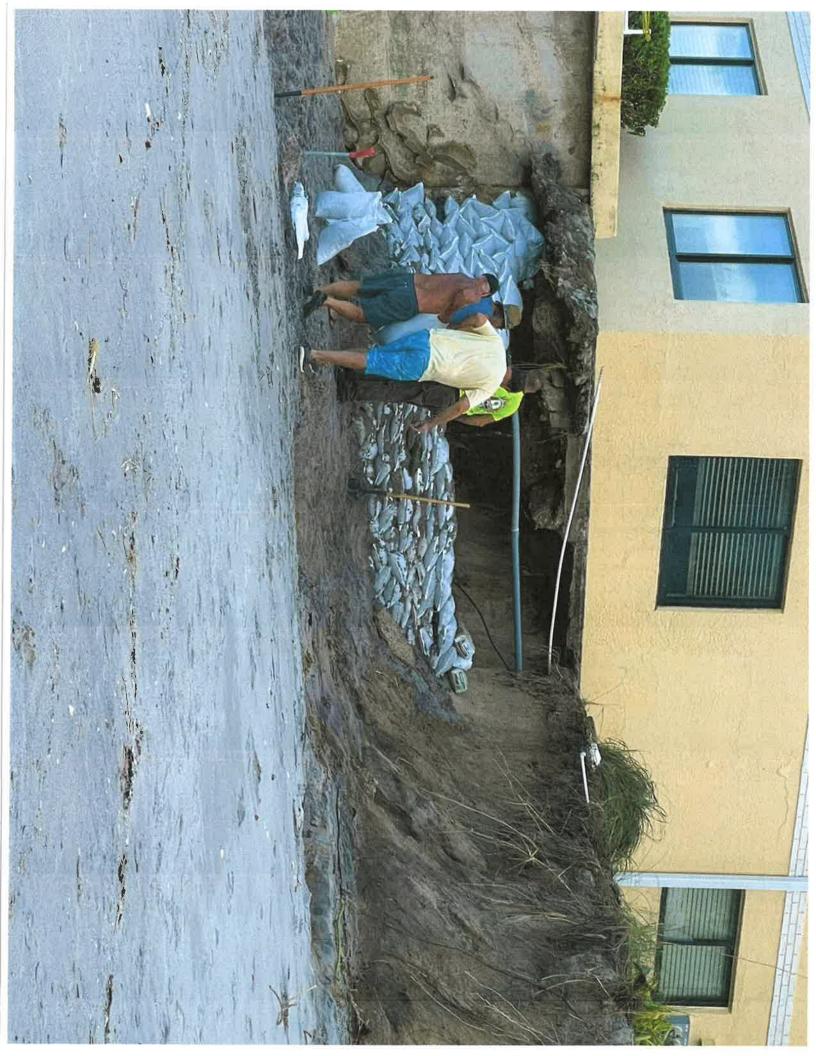
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Principles and Practices of Planning, Siting, Designing, Constructing, and Maintaining Residential Buildings in Coastal Areas (Fourth Edition)

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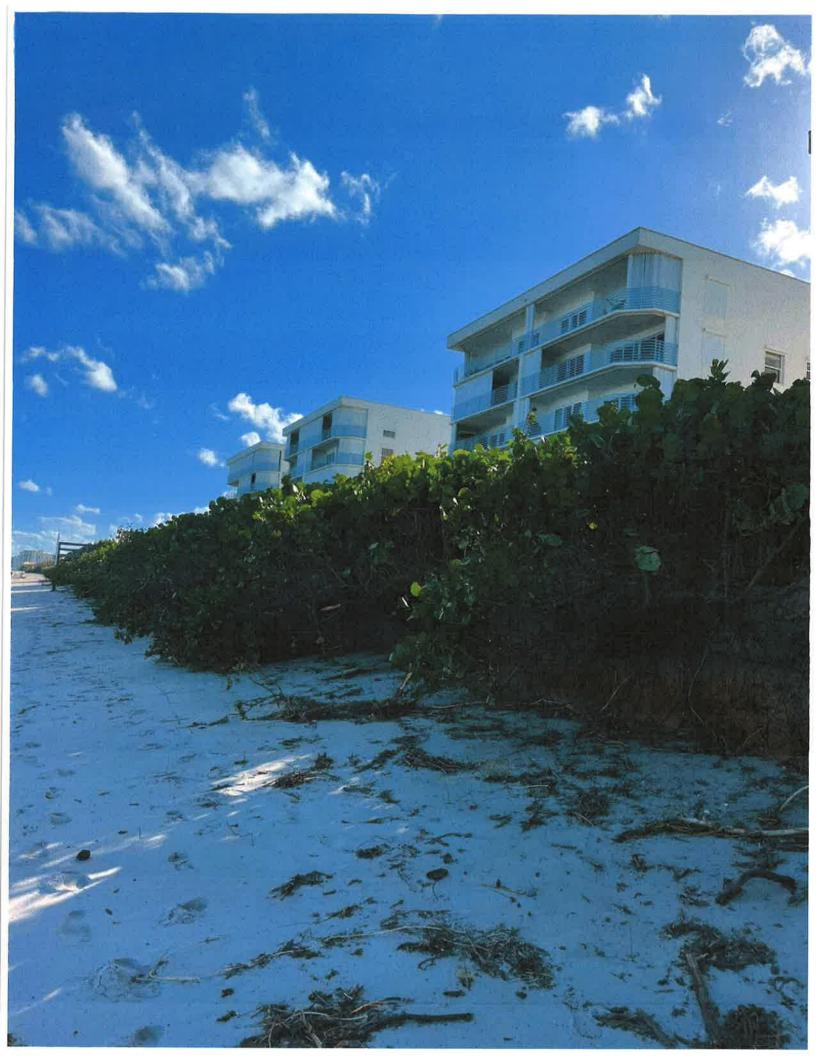


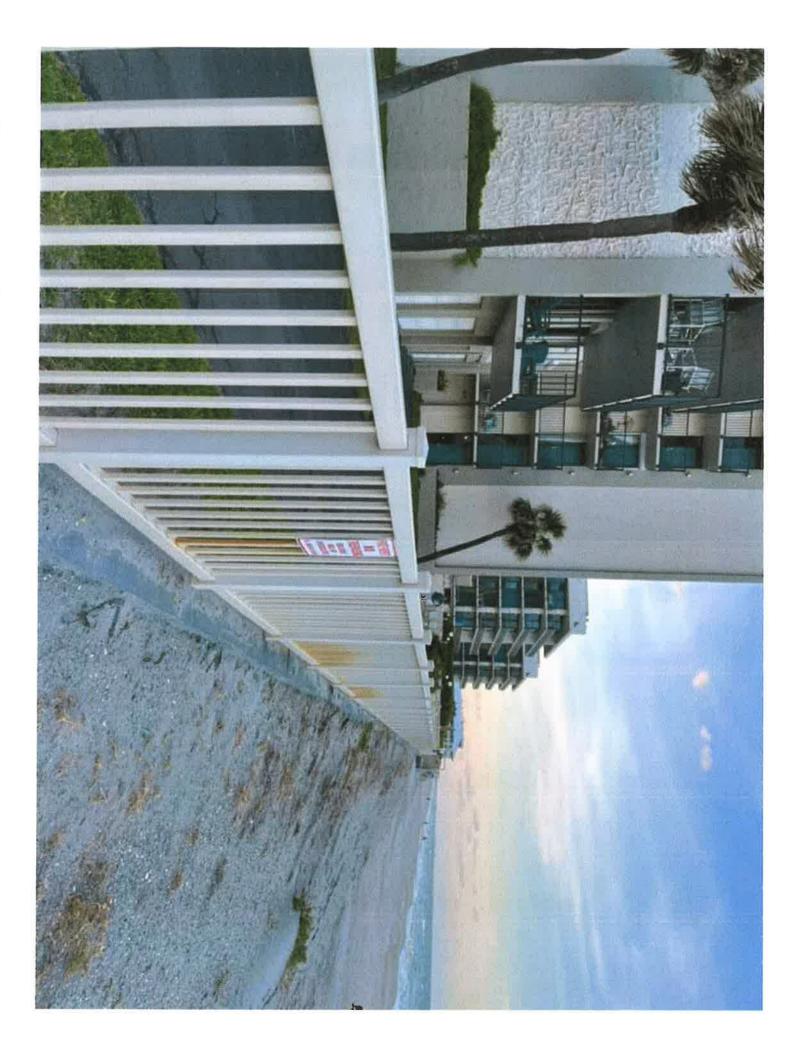


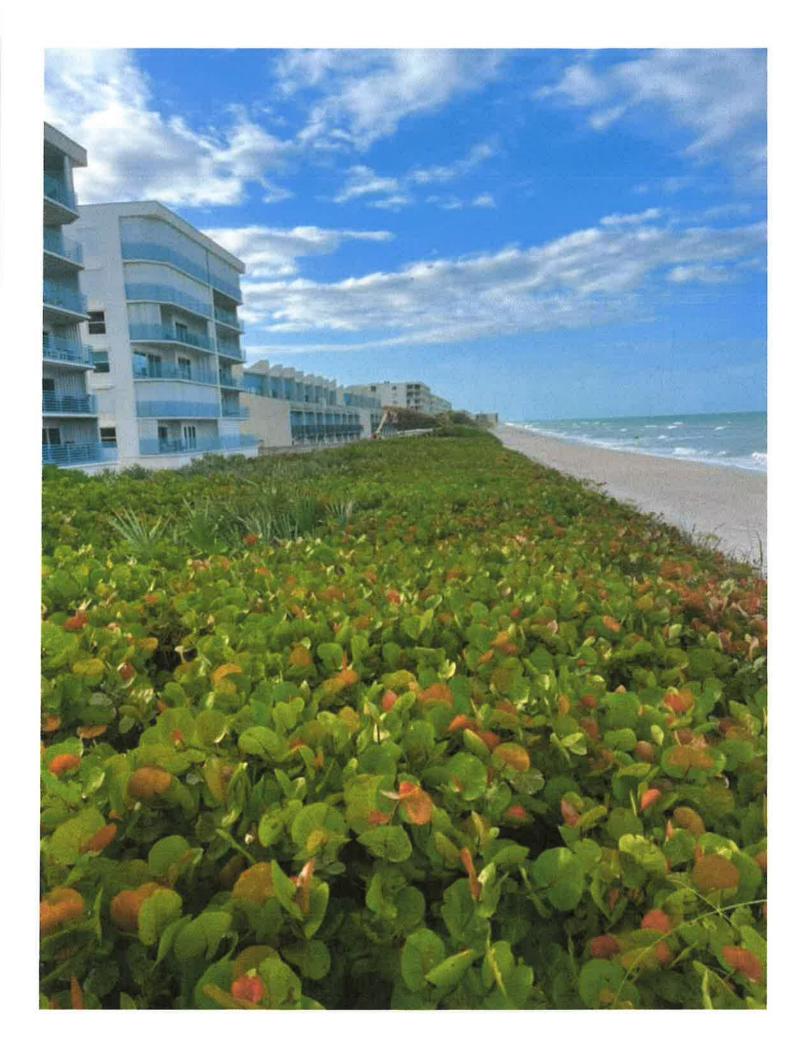


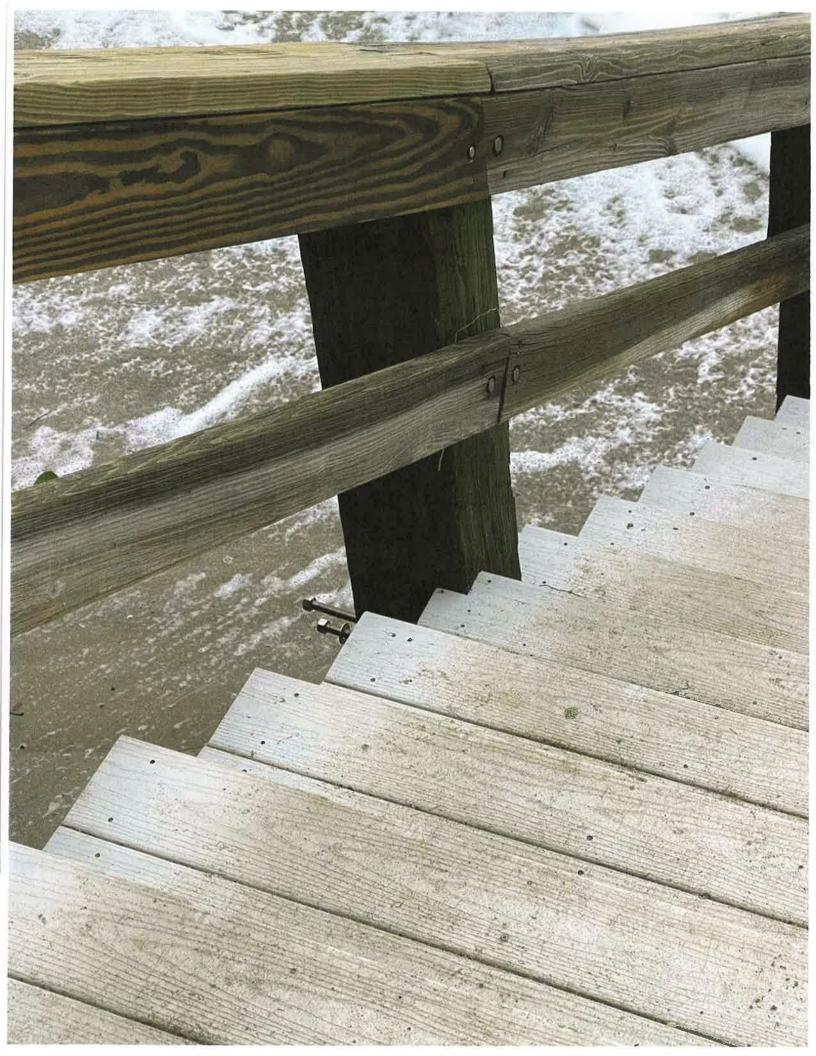












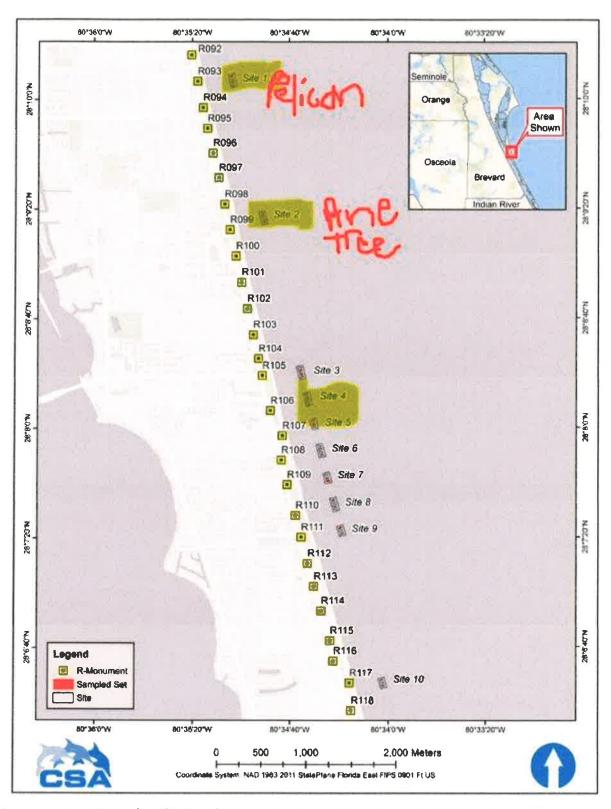


Figure 1. Locations of artificial reef sites relative to the Brevard County Mid Reach shoreline.

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