



REPLY TO  
ATTENTION OF

**DEPARTMENT OF THE ARMY**  
**JACKSONVILLE DISTRICT CORPS OF ENGINEERS**  
**SOUTH PERMITS BRANCH**  
**4400 PGA BOULEVARD, SUITE 500**  
**PALM BEACH GARDENS, FLORIDA 33410**

Regulatory Division  
South Permits Branch

OCT 04 2004

***PUBLIC NOTICE***

**Permit Application No. SAJ-2000-4528 (IP-LAO)**

TO WHOM IT MAY CONCERN: This district has received an application for a Department of the Army permit pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. §403) as described below.

APPLICANT: Miami-Dade County  
c/o Fernando V. Gomez, P.E.  
Network Engineering Services, Inc.  
420 South Dixie Hwy, Suite 4F  
Coral Gables, FL 33146

WATERWAY & LOCATION: The project is located in Biscayne Bay north 1275 NE 79<sup>th</sup> Street Causeway, Miami (Section 8, Township 53 South, Range 42 East), Miami-Dade County, Florida.

DIRECTIONS TO SITE: Directions to the site are as follows: From Interstate-95, take the 79<sup>th</sup> Street exit and go east to the Pelican Harbor Marina at Pelican Harbor Park.

LATITUDE & LONGITUDE: Latitude 25° 51.6' North  
Longitude 80° 9.9' West

PROJECT PURPOSE:

Basic: The basic purpose of this project is to create a mooring field.

Overall: The overall purpose of this project is to develop a 27-unit mooring field as part of the larger Pelican Harbor Marina, a county owned facility. The moorings will be designed to provide safe and affordable sailboat anchorage for tourists and residents of Miami-Dade County.

PROPOSED WORK: The applicant proposes to permanently install screw-in "Stormsoft mooring" anchors in a mooring field that is 533-foot by 525-foot. While the location of the anchors is generally identified, divers will specifically locate the anchors during installation in order to avoid direct impacts to seagrass beds. The anchors will screw into the substrate and a mooring buoy will be attached to the anchor. The applicant is also

proposing an 8-foot by 15-foot floating dinghy dock within an existing slip at the marina.

ENDANGERED SPECIES: The Corps has information indicating the presence of the Endangered West Indian Manatee in the project area. Based on review of the proposed project and information provided by the applicant, the Corps has made a determination that the proposed work may affect the manatee. Pursuant to Section 7 of the Endangered Species Act, the Corps is requesting initiation of formal consultation for the proposed project for the West Indian Manatee from the Fish and Wildlife Service by separate letter.

This project is within the range of Johnson's seagrass (*Halophila johnsonii*), which is listed as a Threatened species. The project is located within the critical habitat for this species. The Corps has determined that the proposed work may affect, but is not likely to adversely affect Johnson's seagrass and the proposed work will not adversely modify its identified critical habitat as proposed. Therefore, pursuant to Section 7 of the ESA, the Corps is requesting concurrence with this determination by separate letter.

ESSENTIAL FISH HABITAT: This notice initiates consultation with the National Marine Fisheries Service on EFH as required by the Magnuson-Stevens Fishery Conservation and Management Act 1996. According to the seagrass survey performed by Miami-Dade County DERM on 21 August 2003, the southernmost 100 feet of the mooring field are barren. Between roughly 100' to 300', coverages of *Halophila decipiens* are found at <5% density. Between roughly 300' to 500', *Halophila decipiens* are found between 5% and 40% coverages. No grasses were found in the slip where the dinghy dock is proposed.

Installation of the mooring buoy/anchor system and the floating dinghy dock would impact directly approximately 0.003 acres (142 square feet) of shell, rock, sand and mud bottom, which is designated as EFH for Federally managed fisheries and associated species as identified by the South Atlantic Fishery Management Council. These species include, but are not limited to, the following: common snook (*Centropomus undecimalis*), spotted seatrout (*Cynosciun nebulosis*) red drum (*Sciaenops ocellatus*), gray snapper (*Lutjanus griseus*), lane snapper (*Lutjanus synagris*), gag grouper (*Myctecoperca microlepis*) and penaeid shrimp (*Pinaeus spp.*). Our initial determination is that the

proposed action would not have a substantial adverse impact on EFH or Federally managed fisheries in the South Atlantic Region. Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the National Marine Fisheries Service.

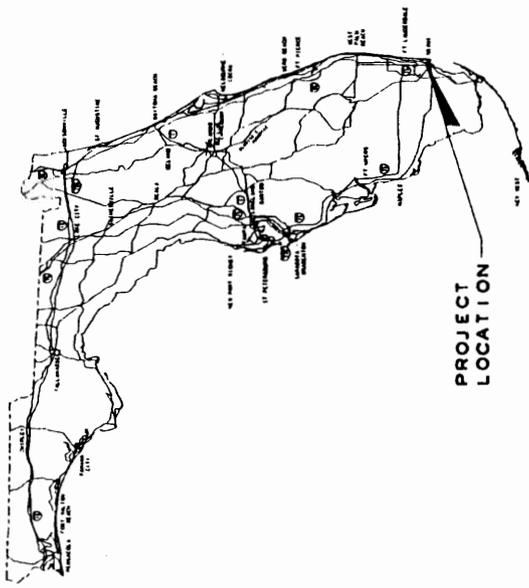
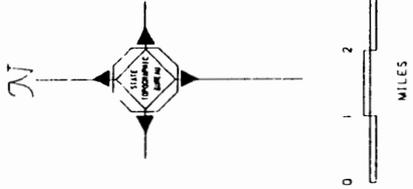
NOTE: This public notice is being issued based on information furnished by the applicant. This information has not been verified. The jurisdictional line has been verified by Corps personnel.

AUTHORIZATION FROM OTHER AGENCIES: A State Water Quality Certification/Permit may be required for this project. The Water Management District is processing an Environmental Resource Permit Application for this project, under application number 040130-21.

Comments regarding the application should be submitted in writing to the District Engineer at the above address within **30** days from the date of this notice.

If you have any questions concerning this application, you may contact Leah Oberlin of this office either by letter at the letterhead address, by telephone at 561-472-3527, by e-mail at [Leah.A.Oberlin@saj02.usace.army.mil](mailto:Leah.A.Oberlin@saj02.usace.army.mil), or by fax at 561-626-6971.

OCEAN ATLANTIC



PELICAN HARBOR  
(THIS PROJECT)

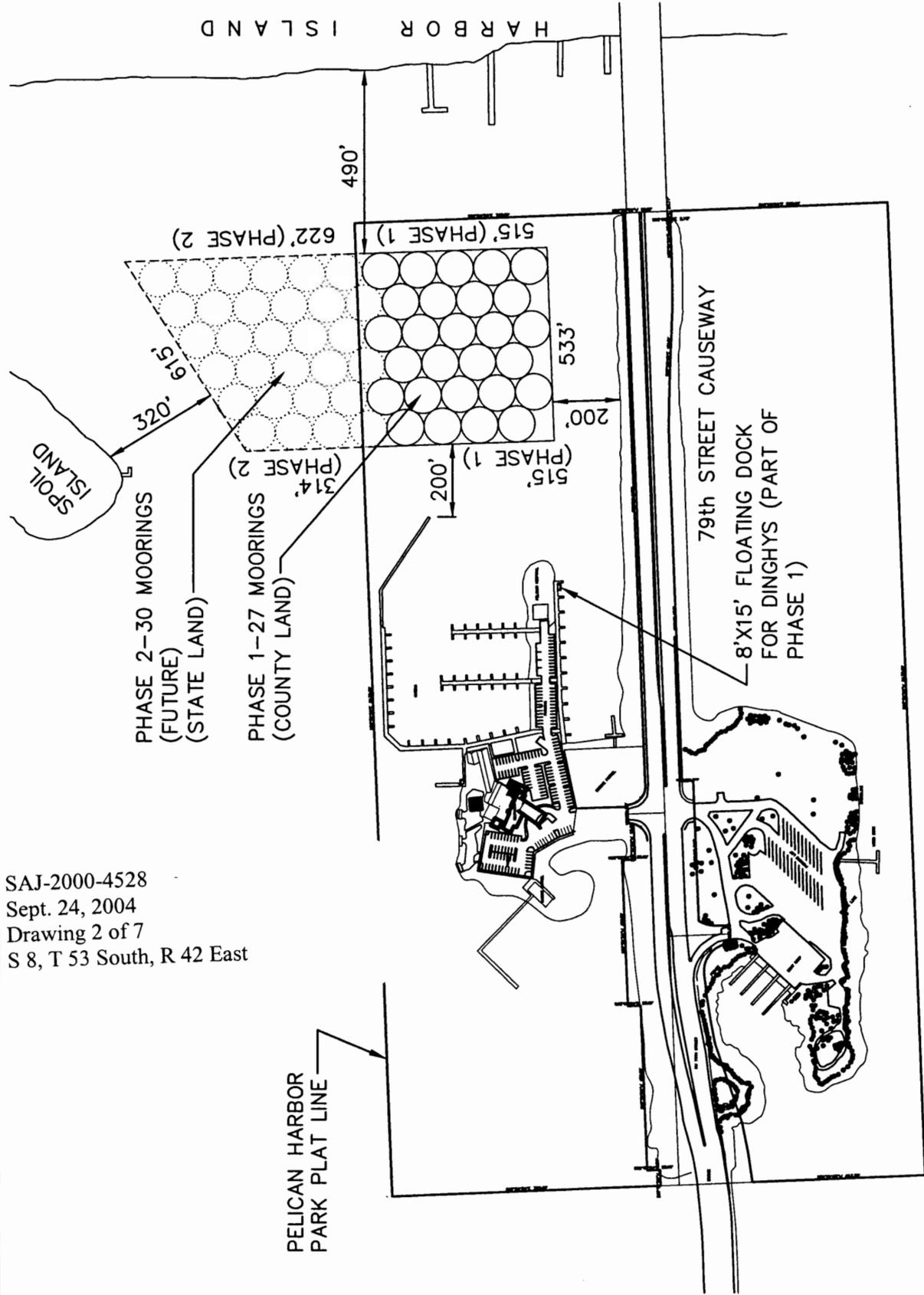
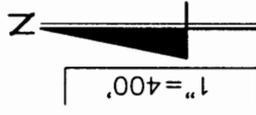


PELICAN HARBOR MARINA SAILBOAT MOORING FIELD
LOCATION MAP
APPLICANT: MIAMI - DADE COUNTY PARK & RECREATION DEPARTMENT
DATE: 07-30-03 SHEET NO. 1 OF 4

**NES**  
 NETWORK ENGINEERING SERVICES, INC.  
 420 S. Dixie Hwy, Suite 4F  
 Coral Gables, FL 33146  
 Ph. (305) 665-4002 (305) 665-0094 (FAX)

SAJ-2000-4528  
 Sept. 24, 2004  
 Drawing 1 of 7  
 S 8, T 53 South, R 42 East

SAJ-2000-4528  
 Sept. 24, 2004  
 Drawing 2 of 7  
 S 8, T 53 South, R 42 East



**LEGEND**

○ AREA OF MOORING FOR 40' MAX. SAILBOAT (MOORING SYSTEM BY STORMSOFT OR EQUAL)

○ PHASE 2 MOORING

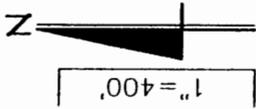
PELICAN HARBOR MARINA  
 SAILBOAT MOORING FIELD

MASTER PLAN

APPLICANT: MIAMI - DADE COUNTY  
 PARK & RECREATION DEPARTMENT

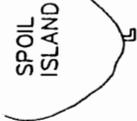
DATE: 05-28-04 SHEET No: 1 OF 1

NETWORK ENGINEERING SERVICES, INC D.B.A.  
 BOLTON, PEREZ & ASSOCIATES  
 7505 CORPORATE CENTER DRIVE-SUITE 201  
 MIAMI, FLORIDA 33126  
 Ph. (305) 392-3190 (305) 392-3090 (FAX)



(NORTH BAY VILLAGE)

HARBOR ISLAND



SPOIL ISLAND

25° 51' 02"N  
80° 09' 49"W

25° 51' 02"N  
80° 09' 43"W

25° 50' 57"N  
80° 09' 43"W

SAILBOAT MOORING  
FIELD-27 MOORINGS  
(40' MAX. BOATS)  
PROJECT AREA =  
6.3 AC

8'X12' DOCK FOR  
DINGHYS  
DECK ELEV=3.0

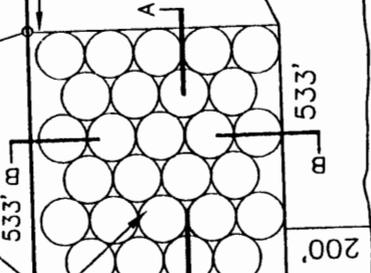
PELICAN HARBOR  
PARK PLAT LINE

FISH CLEANING  
STATION

FUELING  
AREA

25° 50' 57"N  
80° 09' 49"W

79th STREET CAUSEWAY



SAJ-2000-4528  
Sept. 24, 2004  
Drawing 3 of 7  
S 8, T 53 South, R 42 East

LEGEND

AREA OF MOORING FOR 40' MAX.  
SAILBOAT (MOORING SYSTEM BY  
STORMSOFT OR EQUAL AT CENTER

25° 50' 56"N ← LATITUDE  
80° 09' 43"W ← LONGITUDE

A — A CROSS SECTION (SEE SHT, 3)



PELICAN HARBOR MARINA ENGINEER  
SAILBOAT MOORING FIELD

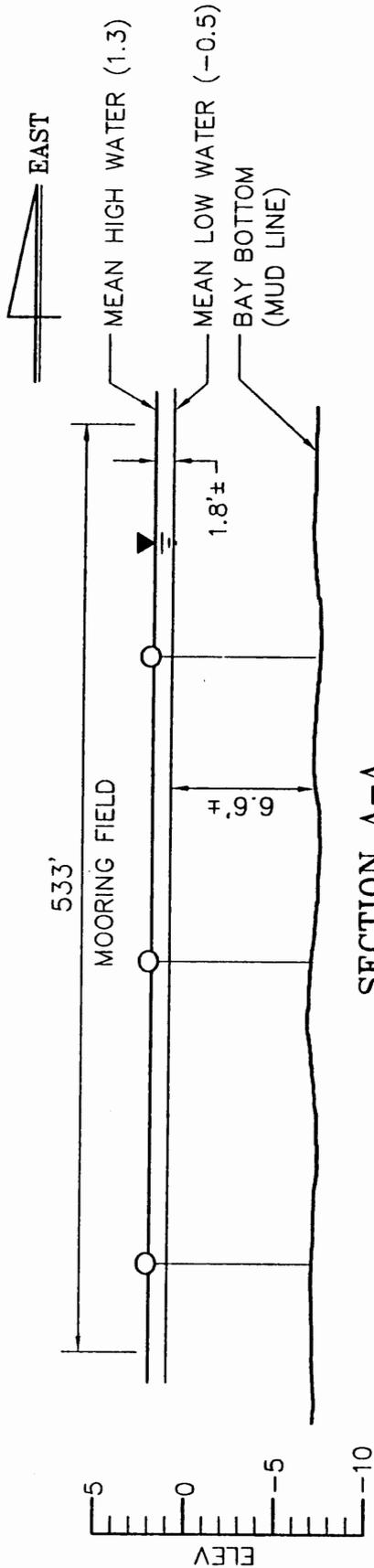
SITE PLAN

APPLICANT: MIAMI- DADE COUNTY  
PARK & RECREATION DEPARTMENT

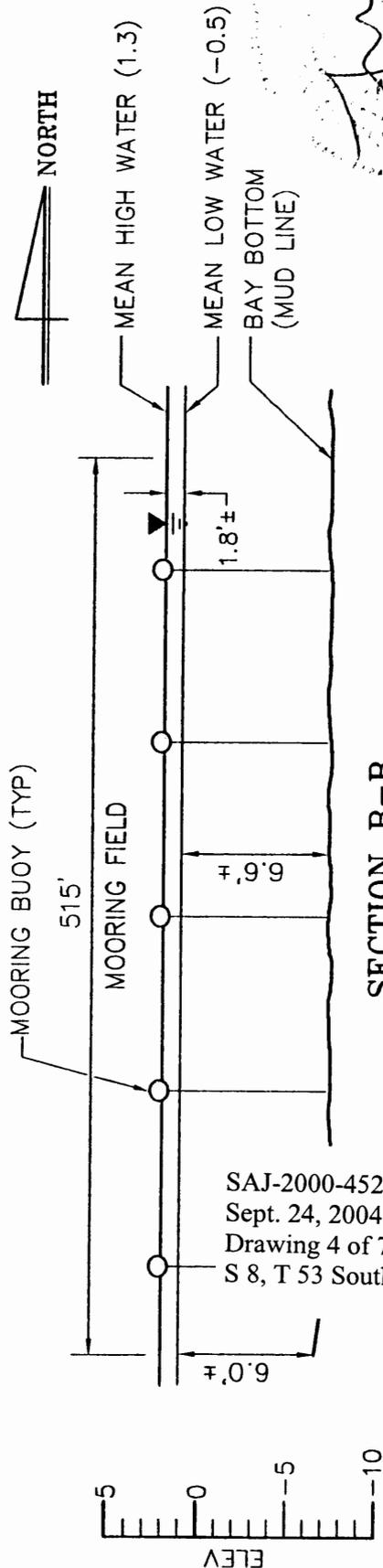
DATE: 07-30-03 SHEET No: 2 OF 4

NETWORK ENGINEERING SERVICE  
420 S. Dade Hwy, Suite 4F  
Coral Gables, FL 33146  
Ph. (305) 665-4002 (305) 665-0094 (FAX)





**SECTION A-A**



**SECTION B-B**

SAJ-2000-4528  
 Sept. 24, 2004  
 Drawing 4 of 7  
 S 8, T 53 South, R 42 East

8/1/03

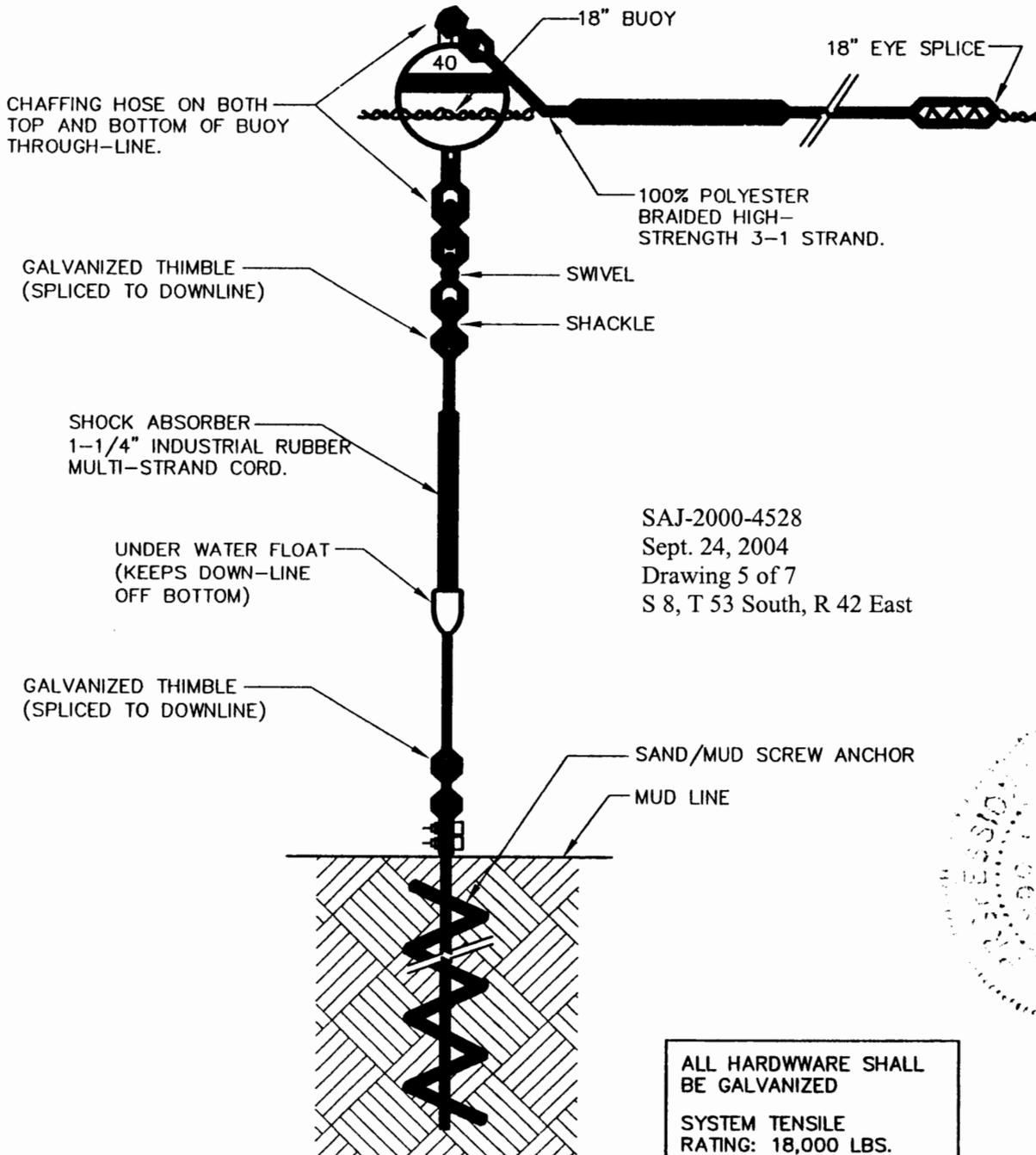
SCALE: 1" = 100' HORIZ  
 SCALE: 1" = 10' VERT

NOTE: ELEVATIONS BASED  
 ON NGVD29 DATUM

PELICAN HARBOR MARINA SAILBOAT MOORING FIELD
CROSS SECTIONS
APPLICANT: MIAMI- DADE COUNTY PARK & RECREATION DEPARTMENT
DATE: 07-30-03 SHEET No: 3 OF 4


 NETWORK ENGINEERING SERVICES, INC  
 420 S. Dixie Hwy, Suite 4F  
 Coral Gables, FL 33146  
 Ph. (305) 665-4002 (305) 665-0094 (FAX)

# 40' SAILBOAT MOORING SYSTEM



SAJ-2000-4528  
 Sept. 24, 2004  
 Drawing 5 of 7  
 S 8, T 53 South, R 42 East

ALL HARDWARE SHALL  
 BE GALVANIZED  
 SYSTEM TENSILE  
 RATING: 18,000 LBS.

PELICAN HARBOR MARINA  
 SAILBOAT MOORING FIELD  
 MOORING BUOY DETAIL

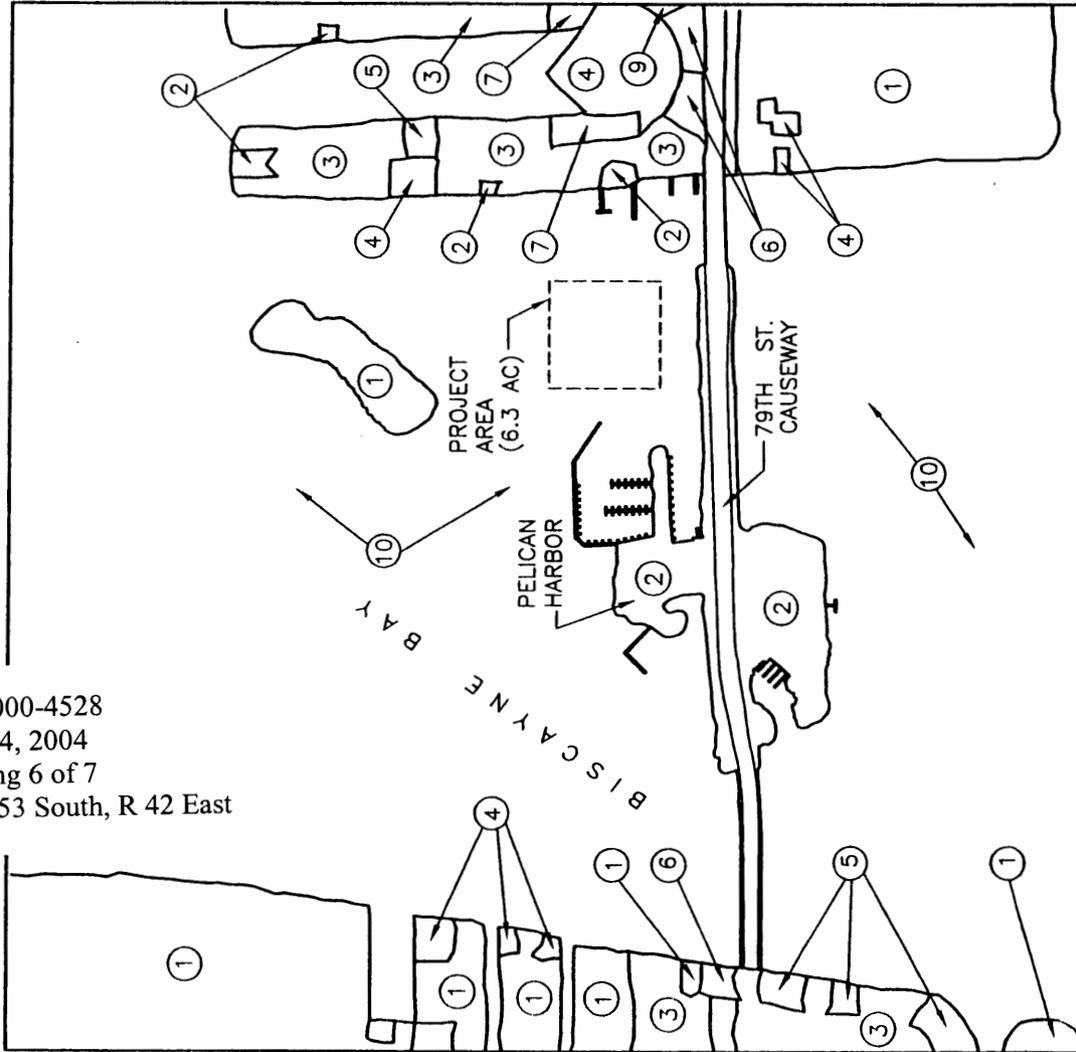
APPLICANT: MIAMI - DADE COUNTY  
 PARK & RECREATION DEPARTMENT

DATE: 07-30-03 SHEET No: 4 OF 4

NETWORK ENGINEERING SERVICES, INC  
 420 S. Dixie Hwy, Suite 4F  
 Coral Gables, FL 33146  
 Ph. (305) 665-4002 (305) 665-0084 (FAX)



SAJ-2000-4528  
 Sept. 24, 2004  
 Drawing 6 of 7  
 S 8, T 53 South, R 42 East



- LEGEND**
- |            |  |
|------------|--|
| <b>NO.</b> | <b>LANDUSE TYPE</b>                            |
| ①          | SINGLE-FAMILY                                  |
| ②          | PARKS (INCLUDING PRESERVES & CONSERVATION)     |
| ③          | LOW-DENSITY MULTI-FAMILY                       |
| ④          | VACANT UNPROTECTED                             |
| ⑤          | MULTI-FAMILY, MIGRANT CAMPS                    |
| ⑥          | SHOPPING CENTERS, COMMERCIAL, STADIUMS, TRACKS |
| ⑦          | TRANSIENT-RESIDENTIAL (HOTELS/MOTELS)          |
| ⑧          | COMMUNICATIONS, UTILITIES, TERMINALS, PLANTS   |
| ⑨          | INSTITUTIONAL                                  |
| ⑩          | WATER (OUTSTANDING FLORIDA WATERS)             |

WATER (OUTSTANDING FLORIDA WATERS)



PELICAN HARBOR MARINA  
 SAILBOAT MOORING FIELD

LAND USE MAP

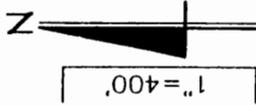
APPLICANT: MIAMI- DADE COUNTY  
 PARK & RECREATION DEPARTMENT

DATE: 07-30-03 SHEET No: 1 OF 1

SOURCE: MIAMI DADE.GOV (MY NEIGHBORHOOD)

NETWORK ENGINEERING SERVICES, INC  
 420 S. Dble Hwy, Suite 4F  
 Coral Gables, FL 33146  
 Ph. (305) 665-4002 (305) 665-0084 (FAX)

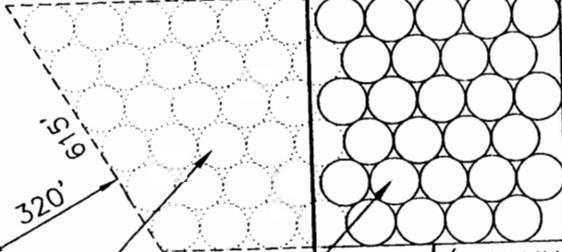




HARBOR ISLAND

490'

515' (PHASE 1) 622' (PHASE 2)



PHASE 2-30 MOORINGS  
(FUTURE)  
(STATE LAND)

PHASE 1-27 MOORINGS  
(COUNTY LAND)

8'X12' DOCK FOR  
DINGHYS (PART OF  
PHASE 1)

PELICAN HARBOR  
PARK PLAT LINE

515'

533'

200'

200'

200'

200'

SAJ-2000-4528  
Sept. 24, 2004  
Drawing 7 of 7  
S 8, T 53 South, R 42 East

79th STREET CAUSEWAY



**LEGEND**

- AREA OF MOORING FOR 40' MAX. SAILBOAT (MOORING SYSTEM BY STORMSOFT OR EQUAL)
- PHASE 2 MOORING

PELICAN HARBOR MARINA  
SAILBOAT MOORING FIELD

MASTER PLAN

APPLICANT: MIAMI- DADE COUNTY  
PARK & RECREATION DEPARTMENT

DATE: 07-30-03 SHEET No: 1 OF 1

NETWORK ENGINEERING SERVICES, INC

420 S. Dixie Hwy, Suite 4F  
Coral Gables, FL 33146

Ph. (305) 665-4002 (305) 665-0099 (FAX)



**IMPACT ON NATURAL RESOURCES:** Preliminary review of this application indicates that an Environmental Impact Statement will not be required. Coordination with U.S. Fish and Wildlife Service, Environmental Protection Agency (EPA), the National Marine Fisheries Services, and other Federal, State, and local agencies, environmental groups, and concerned citizens generally yields pertinent environmental information that is instrumental in determining the impact the proposed action will have on the natural resources of the area. By means of this notice we are soliciting comments on the potential effects of the project on threatened or endangered species or their habitat.

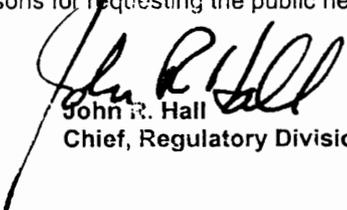
**IMPACT ON CULTURAL RESOURCES:** Review of the latest published version of the National Register of Historic Places indicates that no registered properties, or properties listed as eligible or inclusion therein, are located at the site of the proposed work. Presently, unknown archeological, scientific, prehistorical, or historical data may be lost or destroyed by the work to be accomplished.

**EVALUATION:** The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including cumulative impacts thereof; among these are conservation, economics, esthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people. Evaluation of the impact of the activity on the public interest will also include application of the guidelines promulgated by the Administrator, EPA, under authority of Section 404(b) of the Clean Water Act of the criteria established under authority of Section 102(a) of the Marine, Protection, Research, and Sanctuaries Act of 1972. A permit will be granted unless its issuance is found to be contrary to the public interest.

The U.S. Army Corps of Engineers (Corps) is soliciting comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make or deny this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

**COASTAL ZONE MANAGEMENT CONSISTENCY:** In Florida, the State approval constitutes compliance with the approved Coastal Zone Management Plan. In Puerto Rico, a Coastal Zone Management Consistency Concurrence is required from the Puerto Rico Planning Board. In the Virgin Islands, the Department of Planning and Natural Resources permit constitutes compliance with approved Coastal Zone Management Plan.

**REQUEST FOR PUBLIC HEARING:** Any person may request a public hearing. The request must be submitted in writing to the District Engineer within the designated comment period of the notice and must state the specific reasons for requesting the public hearing.

  
John R. Hall  
Chief, Regulatory Division