


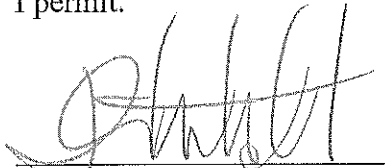
Date: July 16, 2013
To: Honorable Chairwoman Rebeca Sosa
and Members, Board of County Commissioners
From: Carlos A. Gimenez 
Mayor

Agenda Item No. 5(D)

Subject: Class I Permit Application by Miami-Dade County to Trim and Alter Mangroves in a Coastal Band Community and to Perform Non-Maintenance Dredging and Filling of Tidal Waters and Halophytic Wetlands at Haulover Beach Park

Resolution No. R-611-13

Attached, please find for your consideration an application by Miami-Dade County for a Class I permit. Also attached is the recommendation of the Department of Regulatory and Economic Resources and a proposed resolution approving the issuance of the Class I permit.



Jack Osterholt, Deputy Mayor

Date: July 16, 2013

To: Carlos A. Gimenez
Mayor

From: Jack Osterholt, Deputy Mayor, Director
Department of Regulatory and Economic Resources

Subject: Class I Permit Application by Miami-Dade County to Trim and Alter Mangroves in a Coastal Band Community and to Perform Non-Maintenance Dredging and Filling of Tidal Waters and Halophytic Wetlands at Haulover Beach Park

Recommendation

I have reviewed the attached application for a Class I permit by Miami-Dade County. Based upon the applicable evaluation factors set forth in Section 24-48.3 of the Code of Miami-Dade County (Code), I recommend that the Board approve the issuance of a Class I permit for the reasons set forth below.

Scope

Haulover Beach Park is located at 13700 Collins Avenue in Commission District 4 (Commissioner Heyman).

Fiscal Impact/Funding Source

Not applicable

Track Record/Monitor

The Coastal and Wetlands Resources Section Manager, Lisa Spadafina, within the Department of Regulatory and Economic Resources, Division of Environmental Resources Management (RER-DERM), will be responsible for monitoring the proposed permit.

Background

This Class I permit application requests authorization to dredge and fill tidal waters and halophytic (salt tolerant) wetlands, and to trim and alter mangrove trees that are part of a Coastal Band Community in order to expand the boat storage and launching facilities at the Haulover Beach Park Marine Center. The proposed work associated with the Haulover Park Dry Stack Facility must be approved by the Board at a public hearing because a portion of the work is specifically referenced in Section 24-48.2 of the Code as work that shall be processed as a standard form application. Therefore, a standard form application including a public hearing is required.

Haulover Beach Park (Park) is a County Park that includes beach areas on the Atlantic Ocean and marina facilities and other recreational amenities on the west side of State Road A1A, adjacent to the Intracoastal Waterway. The location of the work proposed in the subject application is the northwest end of the Park property, in an area north of the existing Haulover Marine Center. The Haulover Marine Center currently includes a boat storage dry stack and launching facilities, trailer parking, and a restaurant and a marine supply store, which are adjacent to a small boat basin connected to the Intracoastal Waterway. The applicant is proposing to expand the Marine Center by constructing the Dry Stack Facility, which will include a larger boat storage building, a seawall, additional paved surface areas for boat launching, boat slips and improved parking. The existing boat storage dry stack will be removed. Site diagrams are included in Attachment B.

During the processing of the Class I permit application, the applicant coordinated with RER-DERM to ensure that the expanded facilities were sited to minimize environmental impacts to existing

resources by maximizing the use of the existing upland fill pad and connecting the launching area to the existing boat basin.

The footprint of the proposed Dry Stack Facility is approximately 3.43 acres, of which 0.73 acres of wetlands and tidal waters will be impacted by dredging and filling, installing a new seawall for shoreline stabilization, and installing a boat launching area with associated access gangways and piers. Restoration activities proposed in this permit application include the removal of exotic vegetation and grading of upland areas to plant mangroves for the creation of 1.0 acre of wetlands, and filling of 0.36 acres of an excavated borrow canal adjacent to the Oleta River State Recreational Area. Filling this portion of the borrow canal will improve water quality and provide an elevation and substrate that are suitable for the recruitment and colonization of seagrasses and algae.

Section 24-48.3 of the Code requires mitigation for permissible projects that otherwise result in adverse environmental impacts. Mitigation for the impacts associated with the construction and operation of the proposed Dry Stack Facility will be satisfied through the restoration activities detailed above. To provide for the future preservation of the remaining and proposed wetland areas, a Memorandum of Understanding between the Miami-Dade Parks, Recreation and Open Spaces Department and the Miami-Dade Department of Regulatory and Economic Resources will designate the remaining and proposed halophytic wetland restoration areas, measuring 11.7 acres, as mitigation areas. The Class I permit and Memorandum of Understanding will also require that these areas be monitored for success, managed appropriately, and maintained free of exotics in perpetuity.

The proposed project was evaluated for consistency with the Miami-Dade Manatee Protection Plan. The project site is located immediately west of an area that is designated by the Manatee Protection Plan as essential habitat for the *Trichechus manatus* (West Indian Manatee). However, the proposed project location is in an area recommended for the creation and expansion of commercial marinas, dry storage facilities, transitory docks, boatyards or boat ramps, partially due to the proximity to a channel that provides direct access to the Atlantic Ocean. This area is also frequently patrolled by marine law enforcement agencies. Therefore, the proposed work is not anticipated to result in adverse impacts to manatees. The Class I permit will require that all standard construction permit conditions regarding manatees be followed during all in-water operations and manatee information signs will be located in the area of the new Dry Stack Facility.

The proposed project has been designed in accordance with all relevant Miami-Dade coastal and wetland construction criteria and is consistent with all other Miami-Dade coastal and wetland protection provisions. Please find attached a Project Report which sets forth the reasons the proposed project is recommended for approval pursuant to the applicable evaluation factors set forth in Section 24-48.3 of the Code. The conditions, limitations, and restrictions set forth in the Project Report attached hereto are incorporated herein by references hereto.

Attachments

- Attachment A: Class I Permit Application
- Attachment B: Owner/Agent Letter, Engineer Certification Letter, and Project Sketches
- Attachment C: Zoning Memorandum
- Attachment D: Department of Regulatory and Economic Resources Project Report



MEMORANDUM

(Revised)

TO: Honorable Chairwoman Rebeca Sosa
and Members, Board of County Commissioners

DATE: July 16, 2013

FROM: 
R. A. Cuevas, Jr.
County Attorney

SUBJECT: Agenda Item No. 5(D)

Please note any items checked.

- "3-Day Rule" for committees applicable if raised
- 6 weeks required between first reading and public hearing
- 4 weeks notification to municipal officials required prior to public hearing
- Decreases revenues or increases expenditures without balancing budget
- Budget required
- Statement of fiscal impact required
- Ordinance creating a new board requires detailed County Mayor's report for public hearing
- No committee review
- Applicable legislation requires more than a majority vote (i.e., 2/3's _____, 3/5's _____, unanimous _____) to approve
- Current information regarding funding source, index code and available balance, and available capacity (if debt is contemplated) required

Approved _____ Mayor
Veto _____
Override _____

Agenda Item No. 5(D)
7-16-13

RESOLUTION NO. R-611-13

RESOLUTION APPROVING A CLASS I PERMIT APPLICATION BY MIAMI-DADE COUNTY TO TRIM AND ALTER MANGROVES IN A COASTAL BAND COMMUNITY AND TO PERFORM NON-MAINTENANCE DREDGING AND FILLING OF TIDAL WATERS AND HALOPHYTIC WETLANDS AT HAULOVER BEACH PARK, MIAMI-DADE COUNTY, FLORIDA

WHEREAS, this Board desires to accomplish the purposes outlined in the accompanying memorandum, a copy of which is incorporated herein by reference,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that this Board having considered all the applicable factors contained within Section 24-48.3 of the Code of Miami-Dade County, hereby approves the application by Miami-Dade County for a Class I permit application to trim and alter mangroves in a coastal band community and to perform non-maintenance dredging and filling of tidal waters and halophytic wetlands at Haulover Beach Park, Miami-Dade County, Florida, subject to the conditions set forth in the memorandum from the Miami-Dade County Department of Regulatory and Economic Resources, a copy of which is attached hereto and made a part hereof. The issuance of this approval does not relieve the applicant from obtaining all applicable Federal, State, and local permits.

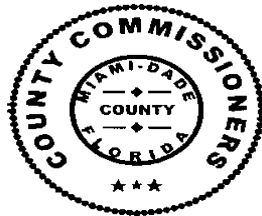
The foregoing resolution was offered by Commissioner **Sally A. Heyman**, who moved its adoption. The motion was seconded by Commissioner **Rebeca Sosa** and upon being put to a vote, the vote was as follows:

	Rebeca Sosa, Chairwoman	aye	
	Lynda Bell, Vice Chair	aye	
Bruno A. Barreiro	aye	Esteban Bovo, Jr.	absent
Jose "Pepe" Diaz	aye	Audrey M. Edmonson	absent
Sally A. Heyman	aye	Barbara J. Jordan	aye
Jean Monestime	aye	Dennis C. Moss	aye
Sen. Javier D. Souto	aye	Xavier L. Suarez	aye
Juan C. Zapata	aye		

The Chairperson thereupon declared the resolution duly passed and adopted this 16th day of July, 2013. This resolution shall become effective ten (10) days after the date of its adoption unless vetoed by the Mayor, and if vetoed, shall become effective only upon an override by this Board.

MIAMI-DADE COUNTY, FLORIDA
BY ITS BOARD OF
COUNTY COMMISSIONERS

HARVEY RUVIN, CLERK



By: **Christopher Agrippa**
Deputy Clerk

Approved by County Attorney as
to form and legal sufficiency.

Thomas H. Robertson

Attachment A
Class I Permit Application



Class I Permit Application

FOR DEPARTMENTAL USE ONLY

Date Received:	Application Number:
	Application Fee:

Application must be filled out in its entirety. Please indicate N/A for non-applicable fields.

1. Applicant Information: Name: <u>Miami-Dade County</u> Address: <u>111 NW First Street</u> <u>Miami, Florida</u> Zip Code: <u>33128</u> Phone #: <u>305-468-5900</u> Fax#: _____ Email: _____ <small>* This should be the applicant's information for contact purposes.</small>	2. Applicant's Authorized Permit Agent: <small>Agent is allowed to process the application, furnish supplemental information relating to the application and bind the applicant to all requirements of the application.</small> Name: <u>EAS Engineering, Inc.</u> Address: <u>55 Almeria Avenue</u> <u>Coral Gables, Florida</u> Zip Code: <u>33134</u> Phone #: <u>305-445-5553</u> Fax #: <u>305-444-2112</u> Email: <u>eswakon@eas-eng.com</u>
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3. Location where proposed activity exists or will occur (latitude and longitude are only necessary for properties without address or folio #):

Folio #(s): 30-2214-008-0010 Latitude: 25° 55' 18" N Longitude: 80° 07' 40" W
Street Address: 13700 Collins Avenue Section: 14 Township: 52S Range: 42E
In City or Town: _____ Near City or Town: Sunny Isles Beach
Name of waterway at location of the activity: _____

4. Describe the proposed activity (check all that apply):

<input checked="" type="checkbox"/> Seawall	<input checked="" type="checkbox"/> Dock(s)	<input type="checkbox"/> Boatlift	<input checked="" type="checkbox"/> Dredging	<input type="checkbox"/> Mangrove Trimming
<input checked="" type="checkbox"/> New/Replacement Seawall	<input type="checkbox"/> Pier(s)	<input type="checkbox"/> Mooring Piles	<input checked="" type="checkbox"/> Maintenance	<input checked="" type="checkbox"/> Mangrove Removal
<input checked="" type="checkbox"/> Seawall Cap	<input type="checkbox"/> Viewing Platform	<input type="checkbox"/> Fender Piles	<input checked="" type="checkbox"/> New	
<input type="checkbox"/> Batter Piles		<input type="checkbox"/> Davits	<input checked="" type="checkbox"/> Filling	
<input type="checkbox"/> King Piles				
<input type="checkbox"/> Footer/Toe Wall				
<input type="checkbox"/> Riprap				

Other: _____

Estimated project cost = \$ > \$1million

Are you seeking an after-the-fact approval (ATF)? Yes No If "Yes", describe the ATF work: _____

5. Proposed Use (check all that apply): <input type="checkbox"/> Single Family <input type="checkbox"/> Multi-Family <input type="checkbox"/> Private <input checked="" type="checkbox"/> Public <input type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input type="checkbox"/> Utility	6. If the proposed work relates to the mooring of vessels provide the following information (please also indicate if the applicant does not have a vessel): Proposed Vessel Type (s): <u>Various</u> Vessel Make/Model (If known): _____ Draft (s)(range in inches.): _____ Length (s)(range in feet.): _____ Total Number of Slips: <u>512 dry slips, 9 wet slips</u>
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7. List all permits or certifications that have been applied for or obtained for the above referenced work:

Issuing Agency	Type of Approval	Identification Number	Application Date	Approval Date
USACE	Permit	Pending		
FDEP	Permit	Pending		

8. Contractor Information (If known):

Name: To Be Determined License # (County/State): _____
Address: _____ Zip Code: _____
Phone #: _____ Fax #: _____ E-mail: _____

9. **IMPORTANT NOTICE TO APPLICANTS:** The written consent of the property owner is required for all applications to be considered complete. Your application WILL NOT BE PROCESSED unless the Applicant and Owner Consent portion of the application is completed below. You have the obligation to apprise the Department of any changes to information provided in this application.

Application is hereby made for a Miami-Dade County Class I permit to authorize the activities described herein. I agree to or affirm the following:

- I possess the authority to authorize the proposed activities at the subject property, and
- I am familiar with the information, data and plans contained in this application, and
- To the best of my knowledge and belief, the information, data and plans submitted are true, complete and accurate, and
- I will provide any additional information, evidence or data necessary to provide reasonable assurance that the proposed project will comply with the applicable State and County water quality standards both during construction and after the project is completed, and
- I am authorizing the permit agent listed in Section 2 of this application to process the application, furnish supplemental information relating to this application and bind the applicant to all requirements of this application, and
- I agree to provide access and allow entry to the project site to inspectors and authorized representatives of Miami-Dade County for the purpose of making the preliminary analyses of the site and to monitor permitted activities and adherence to all permit conditions.

A. **IF APPLICANT IS AN INDIVIDUAL**

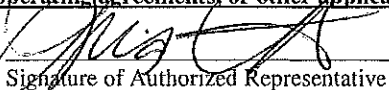
Signature of Applicant Print Applicant's Name Date

B. **IF APPLICANT IS OTHER THAN AN INDIVIDUAL OR NATURAL PERSON**

(Examples: Corporation, Partnership, Trust, LLC, LLP, etc.)

Miami-Dade County _____ Government
Print Name of Applicant (Enter the complete name as registered) Type (Corp, LLC, LLP, etc.) State of
Registration/Incorporation

Under the penalty of perjury, I certify that I have the authority to sign this application on behalf of the Applicant, to bind the Applicant, and if so required to authorize the issuance of a bond on behalf of the Applicant. (If asked, you must provide proof of such authority to the Department). *****Please Note: If additional signatures are required, pursuant to your governing documents, operating agreements, or other applicable agreements or laws, you must attach additional signature pages.*****

 _____ LISA MARTINEZ, SENIOR ADVISOR, MIAMI-DADE COUNTY
Signature of Authorized Representative Print Authorized Representative's Name Title Date

C. **IF APPLICANT IS A JOINT VENTURE** Each party must sign below(If more than two members, list on attached page)

Print Name of Applicant (Enter the complete name as registered) Type (Corp, LLC, LLP, etc.) State of
Registration/Incorporation

Print Name of Applicant (Enter the complete name as registered) Type (Corp, LLC, LLP, etc.) State of
Registration/Incorporation

Under the penalty of perjury, I certify that I have the authority to sign this application on behalf of the Applicant, to bind the Applicant, and if so required to authorize the issuance of a bond on behalf of the Applicant. (If asked, you must provide proof of such authority to the Department). *****Please Note: If additional signatures are required, pursuant to your governing documents, operating agreements, or other applicable agreements or laws, you must attach additional signature pages.*****

Signature of Authorized Representative Print Authorized Representative's Name Title Date

Signature of Authorized Representative Print Authorized Representative's Name Title Date

10. WRITTEN CONSENT OF THE PROPERTY OWNER OF THE AREA OF THE PROPOSED WORK

I/We are the fee simple owner(s) of the real property located at 13700 Collins Avenue Miami-Dade County, Florida, otherwise identified in the public records of Miami-Dade County as Folio No. 30-2214-008-0010. I am aware and familiar with the contents of this application for a Miami-Dade County Class I Permit to perform the work on or adjacent to the subject property, as described in Section 4 of this application. I possess the riparian rights to the area of the proposed work (if applicable) and hereby consent to the work identified in this Class I Permit application.

A. IF THE OWNER(S) IS AN INDIVIDUAL

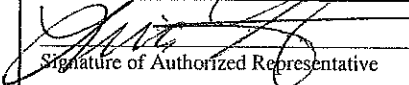
Signature of Owner	Print Owner's Name	Date
Signature of Owner	Print Owner's Name	Date

B. IF THE OWNER IS OTHER THAN AN INDIVIDUAL OR NATURAL PERSON

(Examples: Corporation, Partnership, Joint Venture, Trust, LLC, LLP, etc.)

<u>Miami-Dade County</u>	<u>Government</u>	
Print Name of Owner (Enter the complete name as registered)	Type (Corp, LLC, LLP, etc.)	State of Registration/Incorporation
<u>111 NW First Street, Miami, Florida 33128</u>		
Address of Owner		

Under the penalty of perjury, I certify that I have the authority to sign this application on behalf of the Owner, to bind the Owner, and if so required to authorize the issuance of a bond on behalf of the Owner. (If asked, you must provide proof of such authority to the Department). *****Please Note: If additional signatures are required, pursuant to your governing documents, operating agreements, or other applicable agreements or laws, you must attach additional signature pages.*****

	<u>LISA MARTINEZ, SENIOR ADVISOR, MIAMI-DADE COUNTY</u>		
Signature of Authorized Representative	Print Authorized Representative's Name	Title	Date
Signature of Authorized Representative	Print Authorized Representative's Name	Title	Date

Please Review Above

Appropriate signature(s) must be included in:

Box 9: either A, B or C

AND

Box 10: either A or B

Attachment B

**Owner/Agent Letter, Engineer Certification Letter, and
Project Sketches**

PERMIT APPLICANT / AUTHORIZED AGENT STATEMENT

Date: June 10, 2013

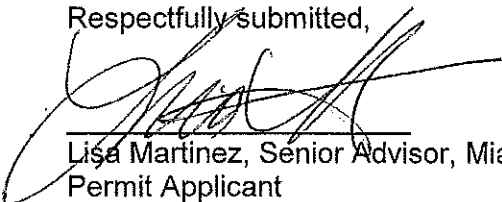
To:
Miami-Dade County RER
Class I Permitting Program
701 NW 1st Court
Miami, Florida 33136

Re: Class I Standard Form Permit Application Number 2011-CLI-PER-00155

By the attached Class I Standard Form permit application with supporting documents, I, Lisa Martinez, Senior Advisor, Miami-Dade County, am the permit applicant and hereby request permission to perform the work associated with Class I permit application 2011-CLI-PER-00155. I understand that a Miami-Dade County Class I Standard Form Permit is required to perform this work.

If approval is granted for the proposed work by the Board of County Commissioners, complete and detailed plans and calculations of the proposed work shall be prepared by an engineer licensed in the State of Florida in accordance with the minimum requirements of Chapter 24 of the Code of Miami-Dade County, Florida. Said plans and calculations shall be subject to the review and approval of the Department. The permit applicant will secure the services of an engineer licensed in the State of Florida to conduct inspections throughout the construction period, and said engineer shall prepare all required drawings of record. In the event that the proposed work which is the subject of this Class I Permit application involves the cutting or trimming of a mangrove tree(s), a detailed plan of the proposed cutting or trimming shall be prepared by a licensed landscape architect and submitted to the Department for review and approval, and the permit applicant will secure the services of a licensed landscape architect to supervise the trimming or cutting.

Respectfully submitted,



Lisa Martinez, Senior Advisor, Miami-Dade County
Permit Applicant

ENGINEER STATEMENT

EAS ENGINEERING, INC.

55 ALMERIA AVE. • CORAL GABLES • FLORIDA 33134 • (305) 446-5563 • FAX: (305) 444-2112 • ESWAKON@EAS-ENG.COM

May 10, 2013

Miami-Dade County RER
Class I Permitting Program
701 NW 1st Court
Miami FL, 33136

RE: Class I Permit Application Number 2011-CLI-PER-00155


Ladies and Gentlemen:

This letter will certify that I am an engineer licensed in the State of Florida, qualified by education and experience in the area of engineering design and inspection, and that to the best of my knowledge and belief, the proposed work does not violate any laws, rules or regulations of the State of Florida or any provision of the Code of Miami Dade County which may be applicable, that diligence and recognized standard practices of the engineering profession have been exercised in the engineer's design of the proposed work, and in my opinion based upon my knowledge and belief, the following will not occur:

- a. Harmful obstruction or undesirable alteration of the natural flow of the water within the area of the proposed work.
- b. Harmful or increased erosion, shoaling of channels or stagnant areas of water. (Not applicable to class IV permits)
- c. Material injury to adjacent property.
- d. Adverse environmental impacts from changes in water quality or quantity. (Applicable to class IV permits only)

Further, I have been retained by the applicant to provide inspections throughout the construction period and to prepare a set of reproducible record prints of drawings showing changes made during the construction process based upon the marked-up prints, certified surveys, drawings, and other data furnished by the contractor to me.

Sincerely,

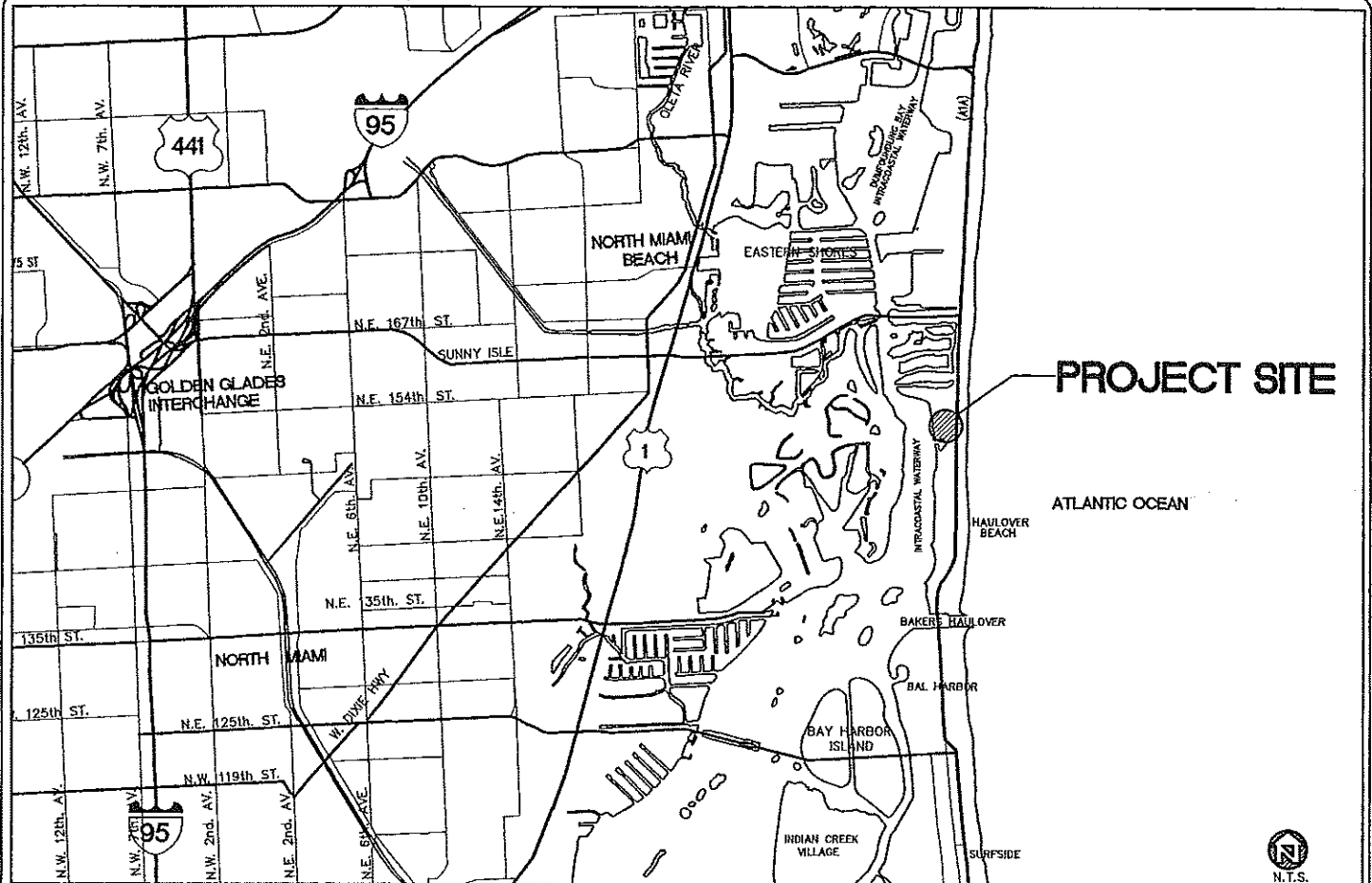

Edward A. Swakon, P.E.
P.E. # 31184

RECEIVED

MAY 24 2013

DEPT. of Environmental Resources
Natural Resources Regulation & Restoration
Division

REV. DATE	DESCRIPTION
05-08-13	added sheets 14,15 and 16



INDEX OF DRAWINGS

SHEET #	TITLE
1	VICINITY MAP + INDEX OF DRAWINGS
2	LOCATION MAP
3	EXISTING CONDITIONS
4	SITE PLAN
5	MANGROVE IMPACTS - SOUTH
6	MANGROVE MITIGATION NORTH SITE
7	MANGROVE MITIGATION SOUTH SITE
8	SEAGRASS IMPACTS
9	PER DETAIL
9A	TURBIDITY CURTAIN DETAIL
10	DRY STACK BUILDING DETAIL
11	SECTIONS A-A AND B-B
12	MITIGATION SECTIONS C-C-D-D AND E-E
13	SECTIONS F-F AND G-G
14	PROPOSED MANGROVE CONSERVATION EASEMENT
15	SEAGRASS MITIGATION SITE PLAN
16	SEAGRASS MITIGATION SECTIONS AND DETAILS

RECEIVED

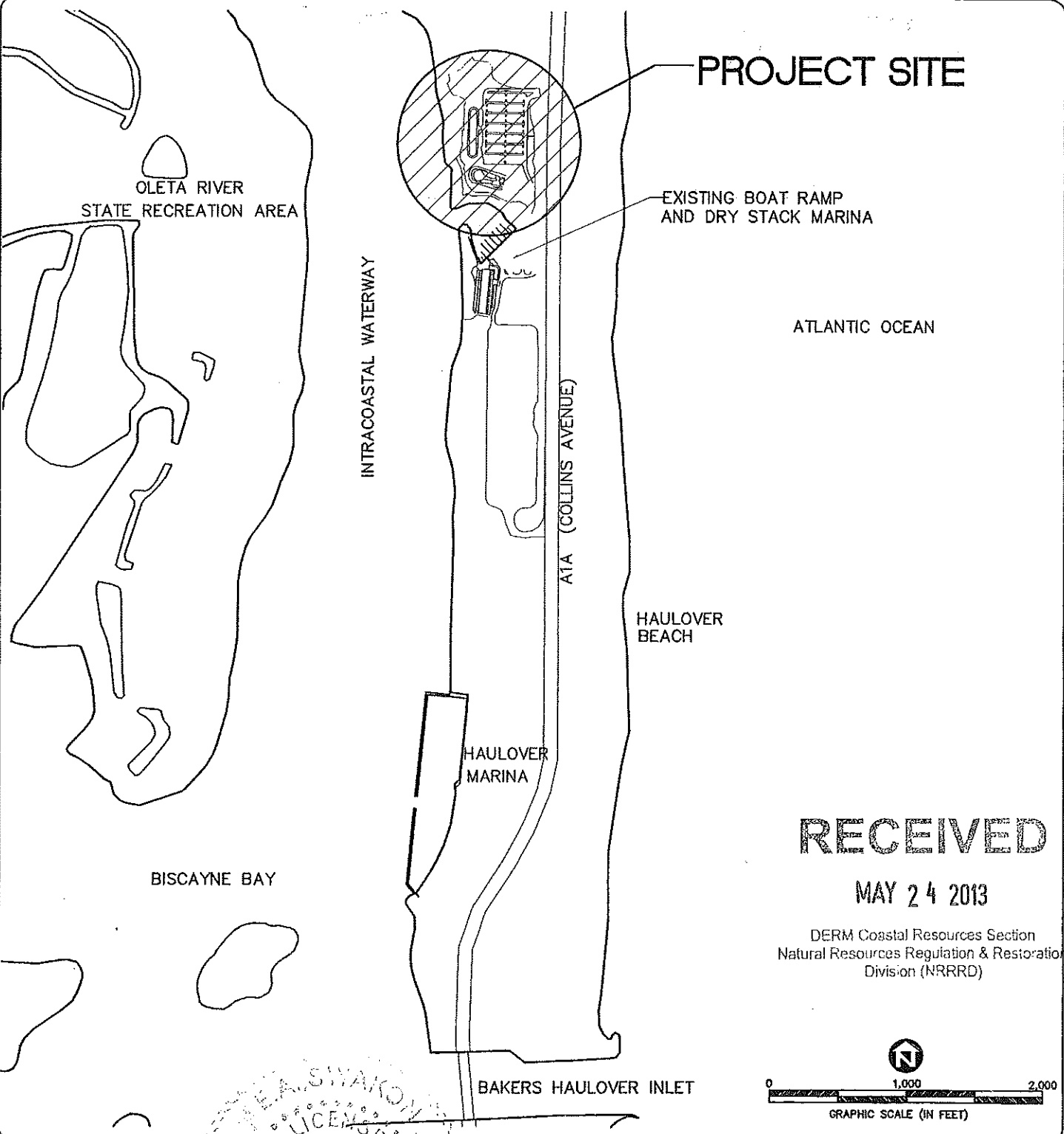
MAY 24 2013

DEPT. of Natural Resources Section
 Natural Resources Regulation & Restoration
 Division (NRRRD)

PURPOSE: VICINITY MAP + INDEX OF DRAWINGS
 DATUM: N/A
 JOB #: 2010-03
EAS ENGINEERING, INC. 5-23-13
 55 ALMERIA AVENUE CORAL GABLES 33134 (305) 445-5553

COUNTY OF MIAMI-DADE STATE OF FLORIDA
 APPLICATION BY:
MIAMI-DADE PARK AND RECREATION DEPT.
 HAULOVER MARINA
 13700 COLLINS AVENUE
 SHEET 1 DATE: 12-03-12 SECTION: 14
 TOWNSHIP: 52S RANGE: 42E

REV. DATE	DESCRIPTION



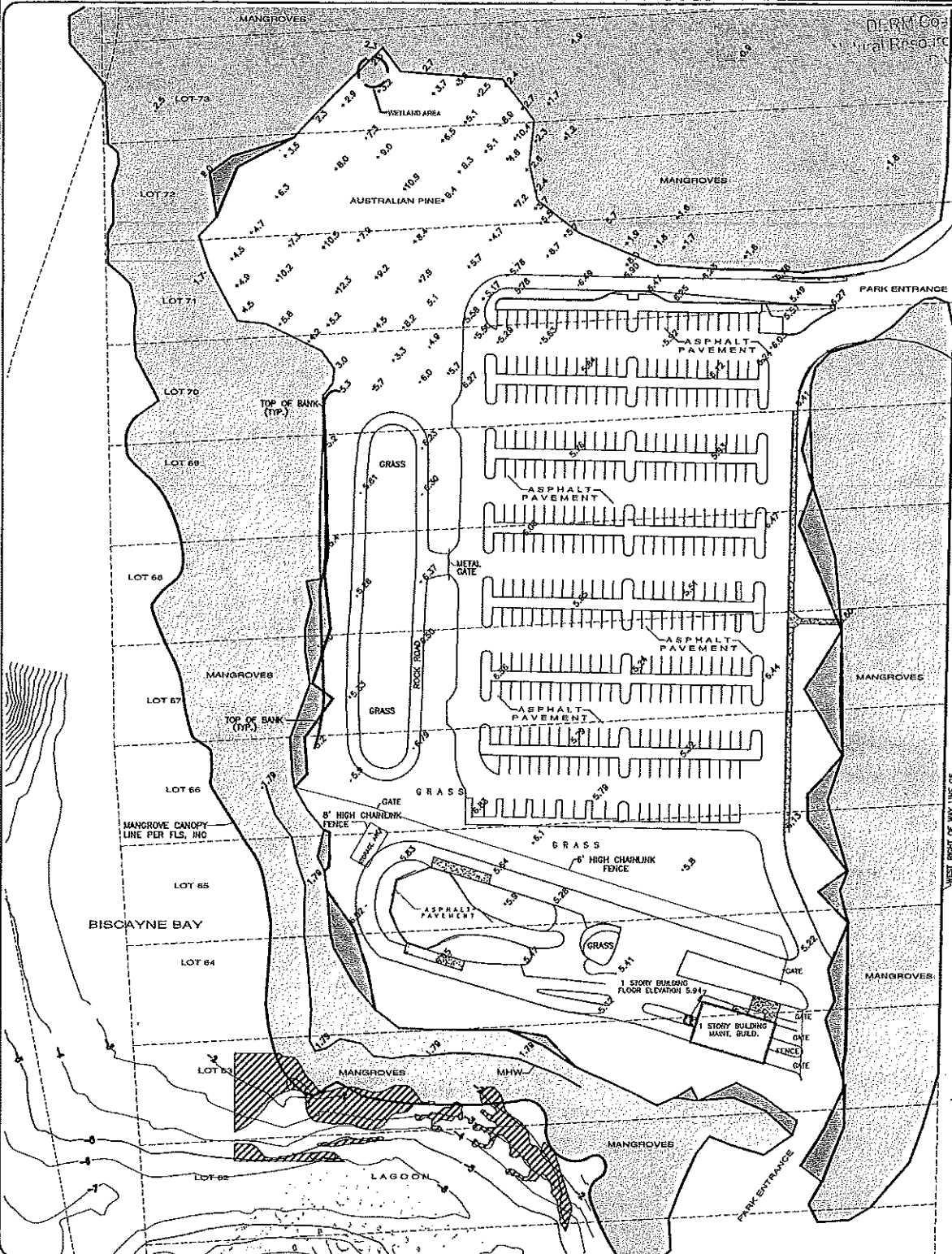
PURPOSE: **LOCATION MAP** No. 3118-1
 DATUM: N/A
 JOB #: 2010-03
EAS ENGINEERING, INC. S-23-13
 55 ALMERIA AVENUE CORAL GABLES, FL 33134 (305) 446-5563

COUNTY OF MIAMI-DADE STATE OF FLORIDA
 APPLICATION BY:
MIAMI-DADE PARK AND RECREATION DEPT.
 HAALOVER MARINA SECTION: 14
 13700 COLLINS AVENUE TOWNSHIP: 52S
 SHEET 2 DATE: 12-03-12 RANGE: 42E

REV. DATE	DESCRIPTION

RECEIVED

MAY 24 2013



DEPT. of Natural Resources Section
Natural Resources Regulation & Restoration

- NOTES:
1. MANGROVE CANOPY AS DETERMINED BY EAS ENGINEERING LOCATED ON 11/21/10
 2. MANGROVE TRUNK LINE AS DETERMINED BY EAS ENGINEERING LOCATED ON 11/21/10
 3. MEAN HIGH WATER LINE ELEVATION: +0.53 NAVD 1988 (1.75 NGVD 1929) PER FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION POINT NO. 129 (AS OF 10/21/10)
 4. BATHYMETRY SOURCE: COASTAL SYSTEMS INTERNATIONAL DATED: 10/15/10

LEGEND

- EXISTING MANGROVES (8.44 ACRES)
- EXISTING MANGROVE CANOPY (0.43 ACRES)
- EXISTING SEAGRASS (0.29 AC)
- EXISTING ELEVATIONS (NGVD)
- EXISTING BATHYMETRIC CONTOURS (MLW)

GRAPHIC SCALE (IN FEET)

PURPOSE: **EXISTING CONDITIONS**
 DATUM: N/A
 JOB #: 2010-03
EAS ENGINEERING, INC. S-23-13
 65 ALMERIA AVENUE CORAL GABLES 33104 (305) 445-6668

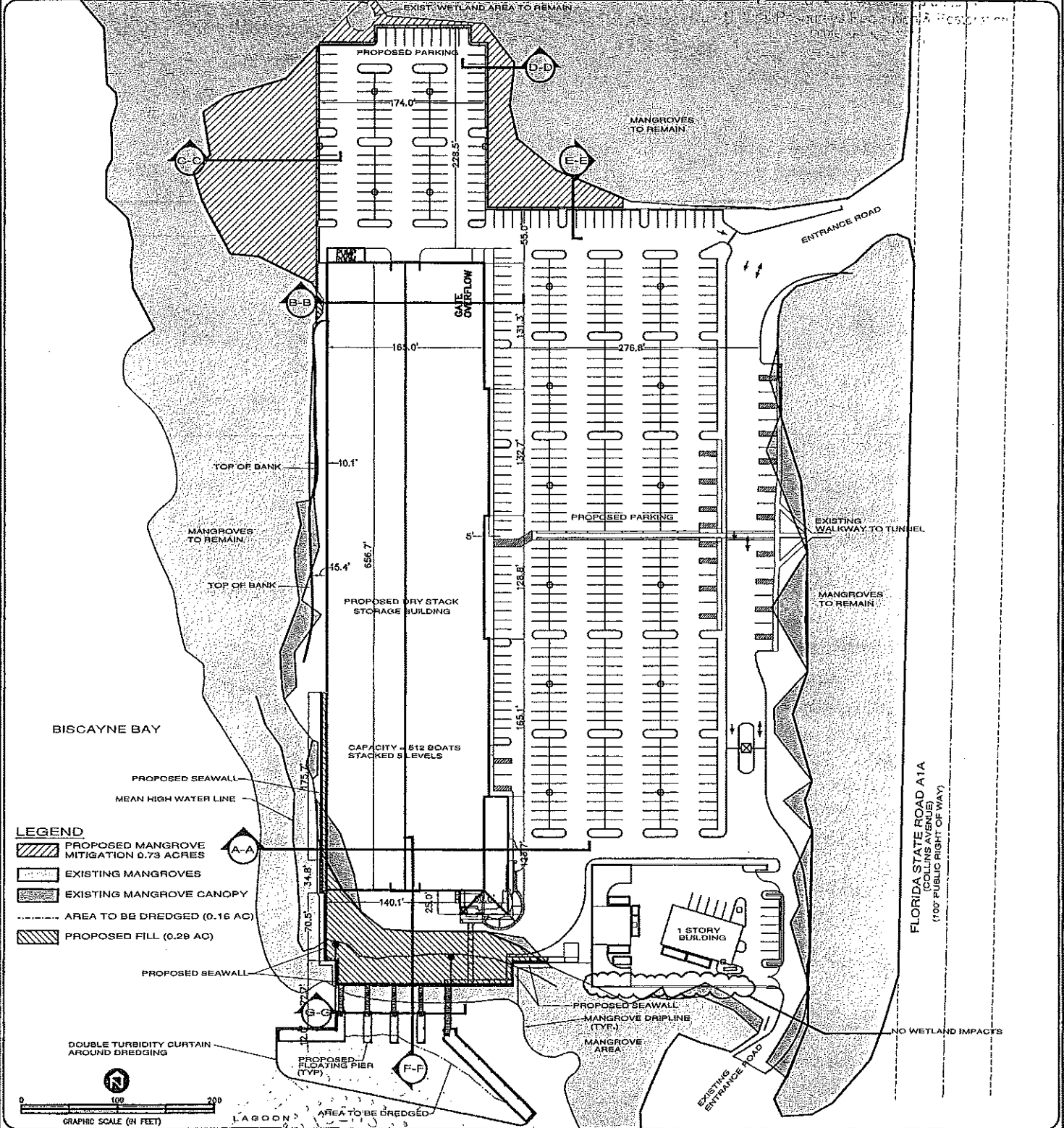
COUNTY OF MIAMI-DADE STATE OF FLORIDA
 APPLICATION BY:
MIAMI-DADE PARK AND RECREATION DEPT.
 HAULOVER MARINA
 13700 COLLINS AVENUE
 SHEET 3 DATE: 12-03-12

SECTION: 14
 TOWNSHIP: 52S
 RANGE: 42E

RECEIVED

MAY 24 2013

REV. DATE	DESCRIPTION
12-06-12	ADDED MORE MITIGATION AREA
03-14-13	SEAWALL REVISED
05-10-13	TURBIDITY SCREEN



PURPOSE: SITE PLAN
DATUM: N/A

EAS ENGINEERING, INC. 5-23-13
 66 ALMERIA AVENUE CORAL GABLES 33134 (305) 446-6669

COUNTY OF MIAMI-DADE STATE OF FLORIDA
 APPLICATION BY:
MIAMI-DADE COUNTY PARK AND RECREATION DEPT.
 HAULOVER MARINA
 13700 COLLINS AVENUE
 SHEET 4 DATE: 12-03-12

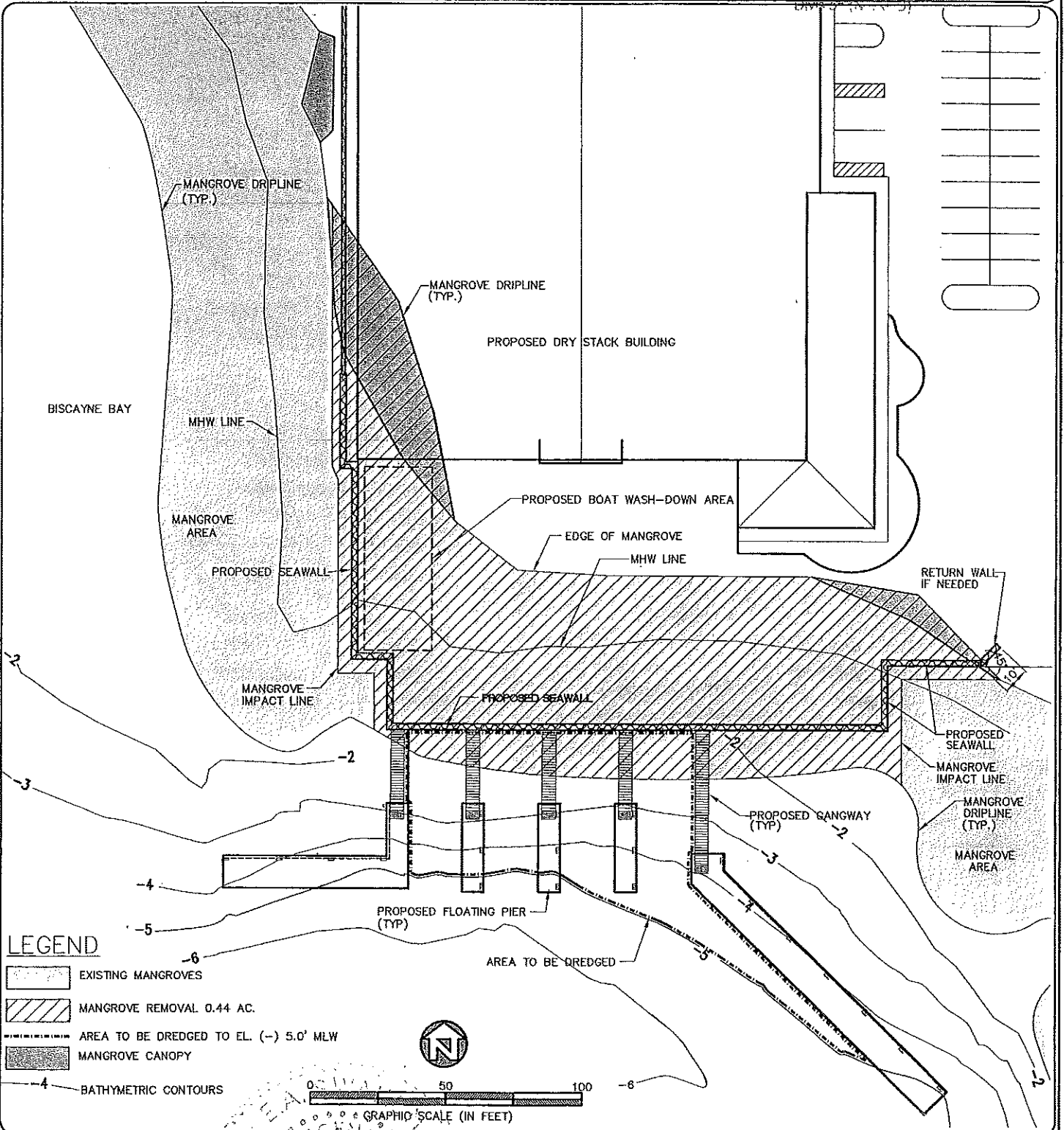
SECTION: 14
 TOWNSHIP: 52S
 RANGE: 42E

RECEIVED

MAY 24 2013

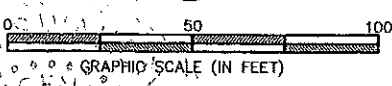
DERM Coastal Resources Section
Natural Resources Regulation & Restoration

REV. DATE	DESCRIPTION
02/04/13	MANGROVE REMOVAL
02/14/13	GENERAL REVISIONS
05/10/13	AREA TO BE DREDGED



LEGEND

- EXISTING MANGROVES
- MANGROVE REMOVAL 0.44 AC.
- AREA TO BE DREDGED TO EL. (-) 5.0' MLW
- MANGROVE CANOPY
- BATHYMETRIC CONTOURS

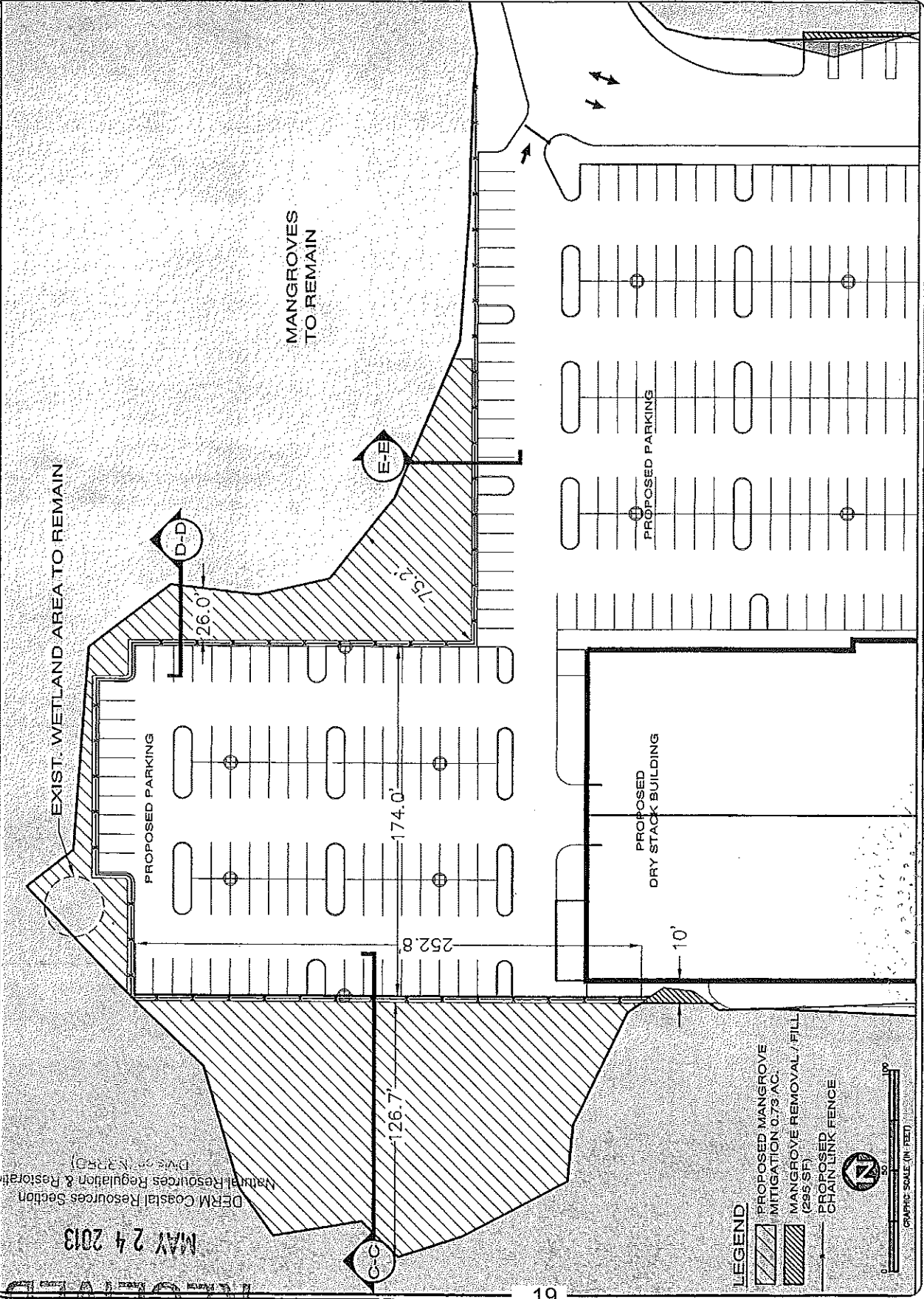


PURPOSE: **MANGROVE IMPACTS-SOUTH**
 DATUM: N/A
 JOB #: 2010-03
EAS ENGINEERING, INC. 5-23-13
 66 ALMERIA AVENUE CORAL GABLES 33134 (305) 445-6063

COUNTY OF MIAMI-DADE STATE OF FLORIDA
 APPLICATION BY:
MIAMI-DADE PARK AND RECREATION DEPT.
 HAULOVER MARINA
 13700 COLLINS AVENUE
 SHEET 5 DATE: 12-03-12

SECTION: 14
 TOWNSHIP: 52S
 RANGE: 42E

REV. DATE	DESCRIPTION
12-06-12	ADDED MORE MITIGATION AREA



DERM Coastal Resources Section
 Natural Resources Regulation & Restoration
 DIVISION (N3780)

MAY 24 2013

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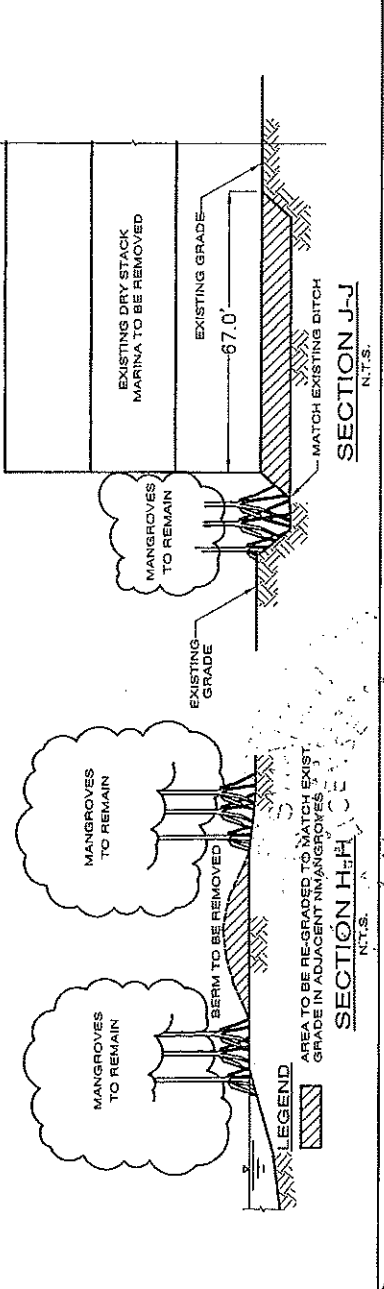
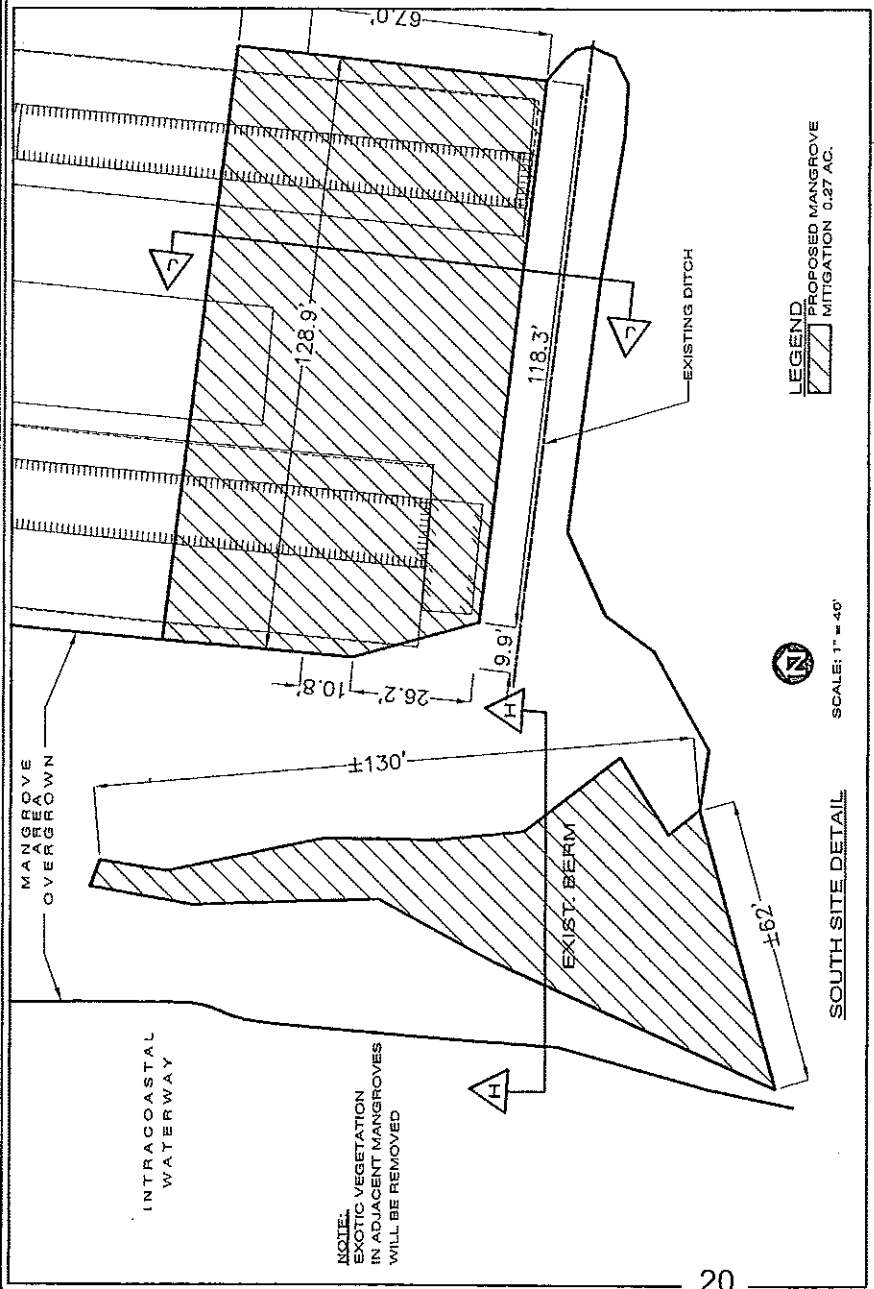
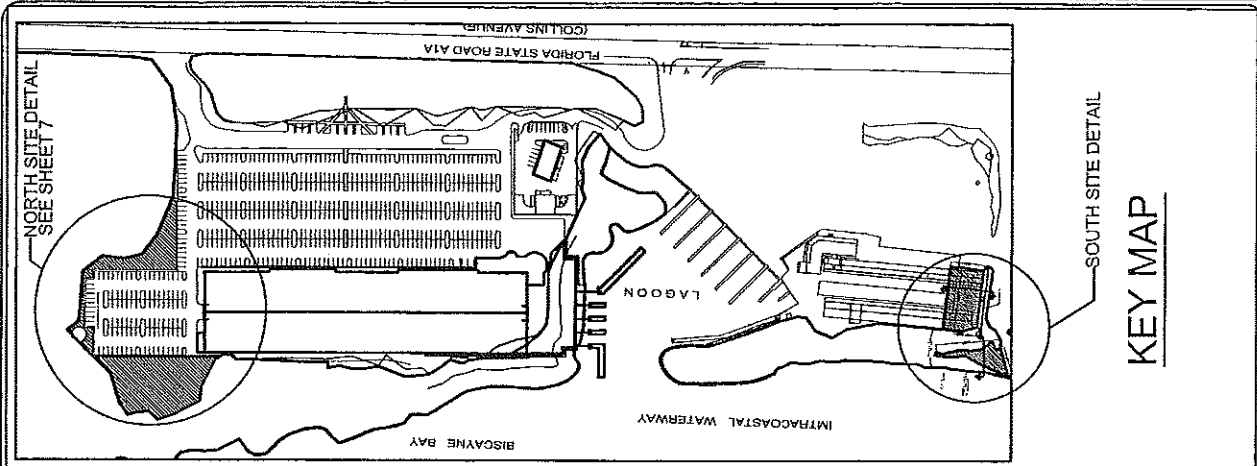
COUNTY OF MIAMI-DADE STATE OF FLORIDA
 APPLICATION BY:
MIAMI-DADE COUNTY PARK AND RECREATION DEPT.
 HAULOVER MARINA SECTION: 14
 13700 COLLINS AVENUE TOWNSHIP: 52S
 SHEET 6 DATE: 12-03-12 RANGE: 42E

PURPOSE: MANGROVE MITIGATION NORTH SITE
 DATUM: MLW
[Signature]
EAS ENGINEERING, INC. S-23-13
 55 ALMERIA AVENUE CORAL GABLES 33134 (305) 445-5553

DERIVED FROM: ...
 DATE: ...

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 MAY 24 2013

REV. DATE	DESCRIPTION
12-10-12	ADDED MORE MITIGATION AREA
03-14-13	GENERAL REVISIONS



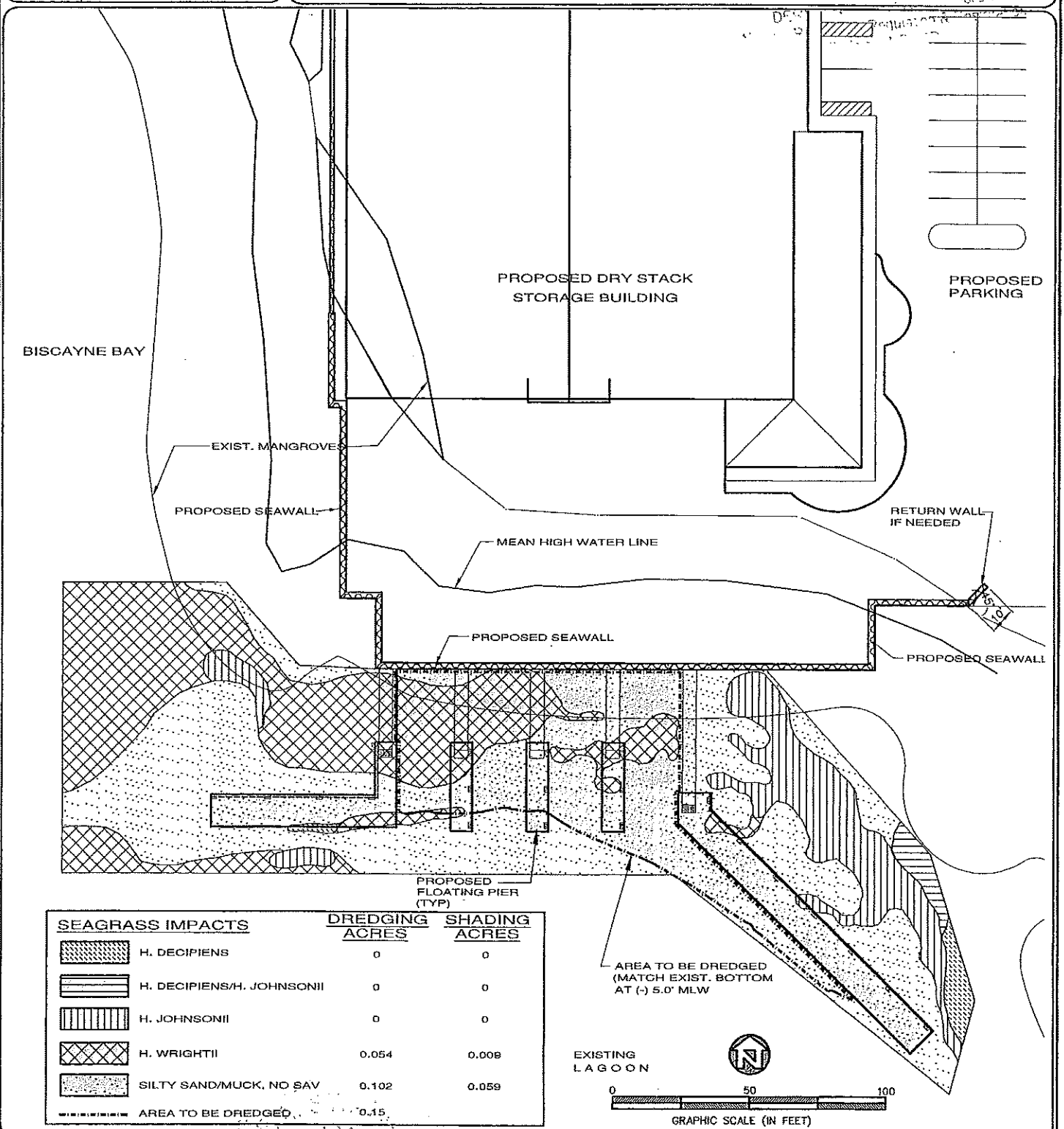
COUNTY OF MIAMI-DADE
 STATE OF FLORIDA
 APPLICATION BY:
 MIAMI-DADE COUNTY PARK AND RECREATION DEPT.
 HAULOVER MARINA
 13700 COLLINS AVENUE
 SHEET 7 DATE: 12-03-12 RANGE: 42E

PURPOSE: MANGROVE MITIGATION SOUTH SITE
 DATUM: MLW
 EAS ENGINEERING, INC. 23-13
 55 ALMERIA AVENUE CORAL GABLES 33134 (305) 445-6553

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REV. DATE	DESCRIPTION
02/14/13	GENERAL REVISIONS
05/10/13	AREA TO BE DREDGED LINE



SEAGRASS IMPACTS	DREDGING ACRES	SHADING ACRES
H. DECIPENS	0	0
H. DECIPENS/H. JOHNSONII	0	0
H. JOHNSONII	0	0
H. WRIGHTII	0.054	0.008
SILTY SAND/MUCK, NO SAV	0.102	0.059
AREA TO BE DREDGED	0.15	

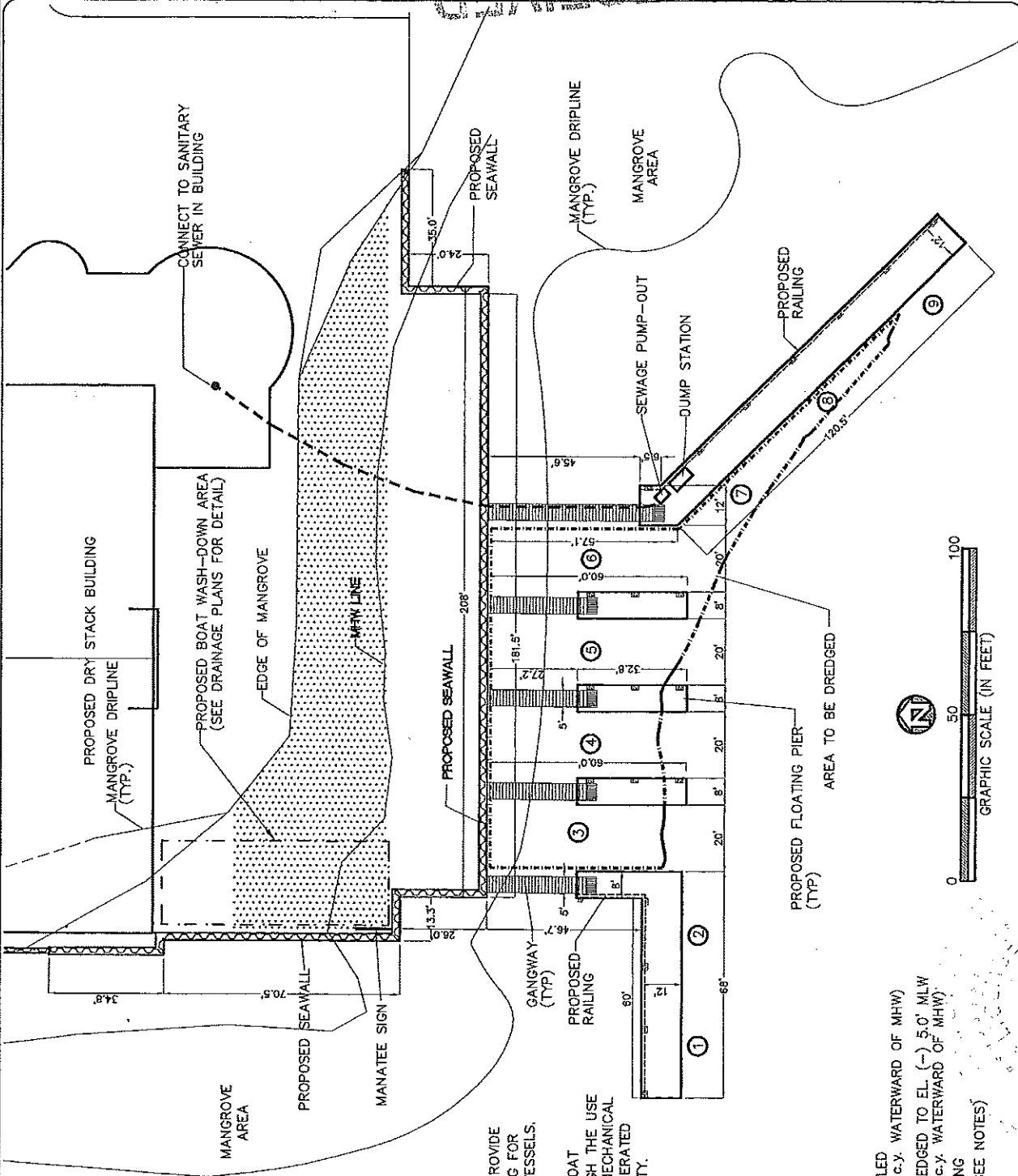
PURPOSE: **SEAGRASS IMPACTS**
 DATUM: N/A
 JOB #: 2010-03
EAS ENGINEERING, INC. S-20-13
 66 ALMERIA AVENUE CORAL GABLES 33134 (305)446-6663

COUNTY OF MIAMI-DADE STATE OF FLORIDA
 APPLICATION BY:
MIAMI-DADE PARK AND RECREATION DEPT.
 HAULOVER MARINA
 13700 COLLINS AVENUE
 SHEET 8 DATE: 12-03-12
 SECTION: 14
 TOWNSHIP: 52S
 RANGE: 42E

REV. DATE	DESCRIPTION
03-14-13	SEAWALL AND PIER

RECEIVED
MAY 24 2013

DERM Coastal Resources Section
Natural Resources Regulation & Restoration
Florida Department of Environmental Protection

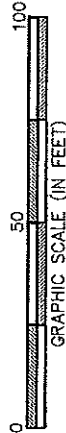


NOTES:

- SLIPS 1, 2, 7, 8 AND 9 WILL PROVIDE TEMPORARY VESSEL DOCKING FOR ARRIVING AND DEPARTING VESSELS. SLIP MIX WILL VARY.
- FOR SLIPS 3 THROUGH 6 BOAT LAUNCHING WILL BE THROUGH THE USE OF FORK LIFTS OR OTHER MECHANICAL LAUNCH ASSIST DEVICES OPERATED FROM THE UPLAND PROPERTY. NO IN-WATER STRUCTURES PROPOSED.

LEGEND

- AREA TO BE FILLED (0.28 AC) (547 C.Y. WATERWARD OF MHW)
- AREA TO BE DREDGED TO EL. (-) 5.0' MLW (0.16 AC) (516 C.Y. WATERWARD OF MHW)
- PROPOSED RAILING
- SLIP NUMBER (SEE NOTES)



COUNTY OF MIAMI-DADE
APPLICATION BY:
MIAMI-DADE COUNTY PARK AND RECREATION DEPT.
HAULOVER MARINA
13700 COLLINS AVENUE
SHEET 9 DATE: 12-03-12 RANGE: 42E

STATE OF FLORIDA
SECTION: 14
TOWNSHIP: 52S

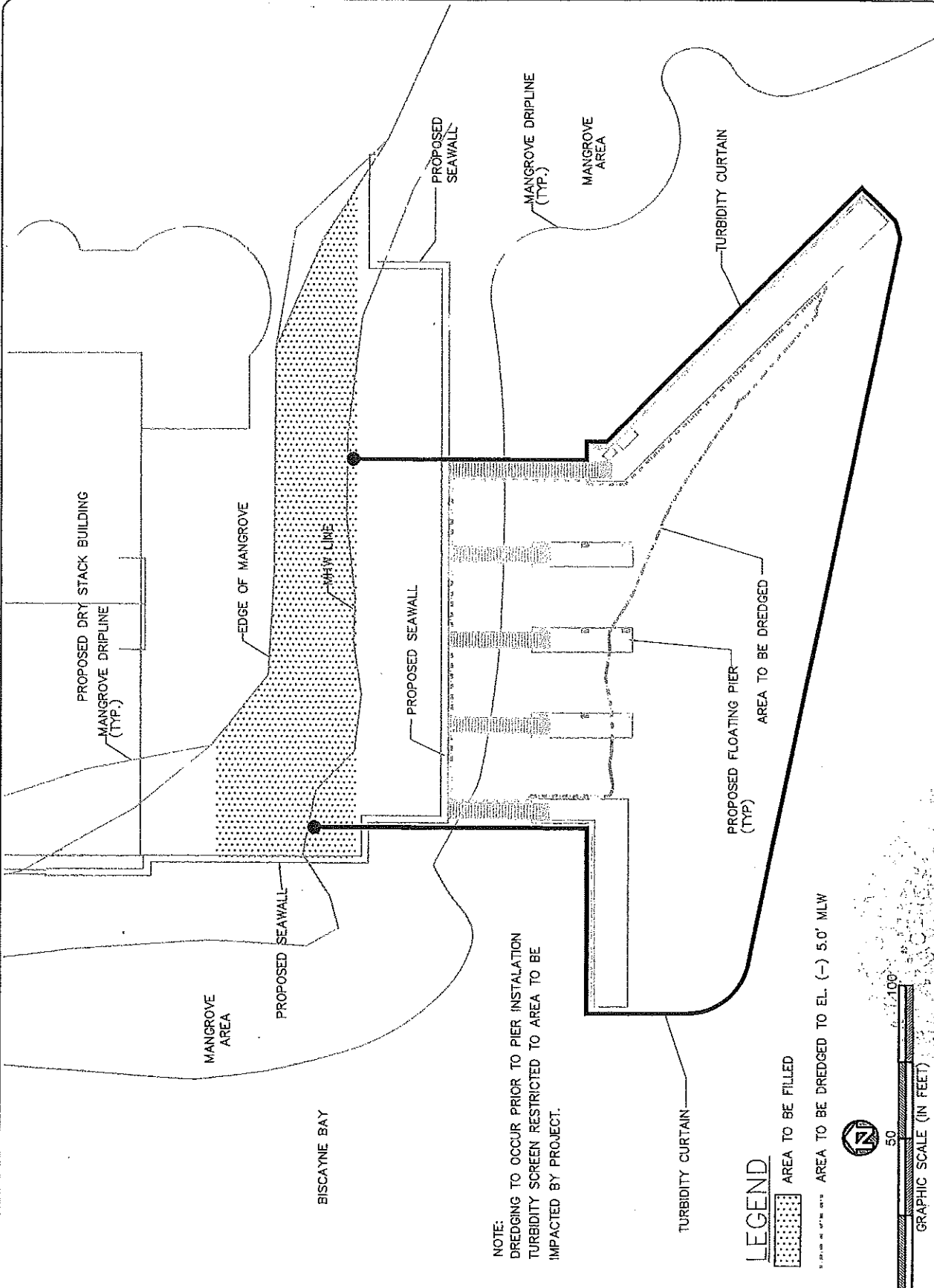
PURPOSE: PIER DETAILS
DATE: N/A

EAS
EAS ENGINEERING, INC. S-73-13
55 ALMERIA AVENUE CORAL GABLES, FL 33134 (305) 446-5653

REV. DATE	DESCRIPTION

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MAY 24 2013

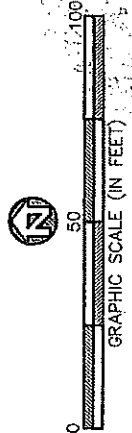
DERM Coastal Resources Section
Natural Resources Regulation & Restoration
Division (NRRD)



NOTE:
DREDGING TO OCCUR PRIOR TO PIER INSTALLATION
TURBIDITY SCREEN RESTRICTED TO AREA TO BE
IMPACTED BY PROJECT.

LEGEND

 AREA TO BE FILLED
 AREA TO BE DREDGED TO EL. (-) 5.0' MLW



COUNTY OF MIAMI-DADE STATE OF FLORIDA
 APPLICATION BY
MIAMI-DADE COUNTY PARK AND RECREATION DEPT.
 HAULOVER MARINA
 13700 COLLINS AVENUE
 SHEET 9A DATE: 12-03-12 RANGE: 42E

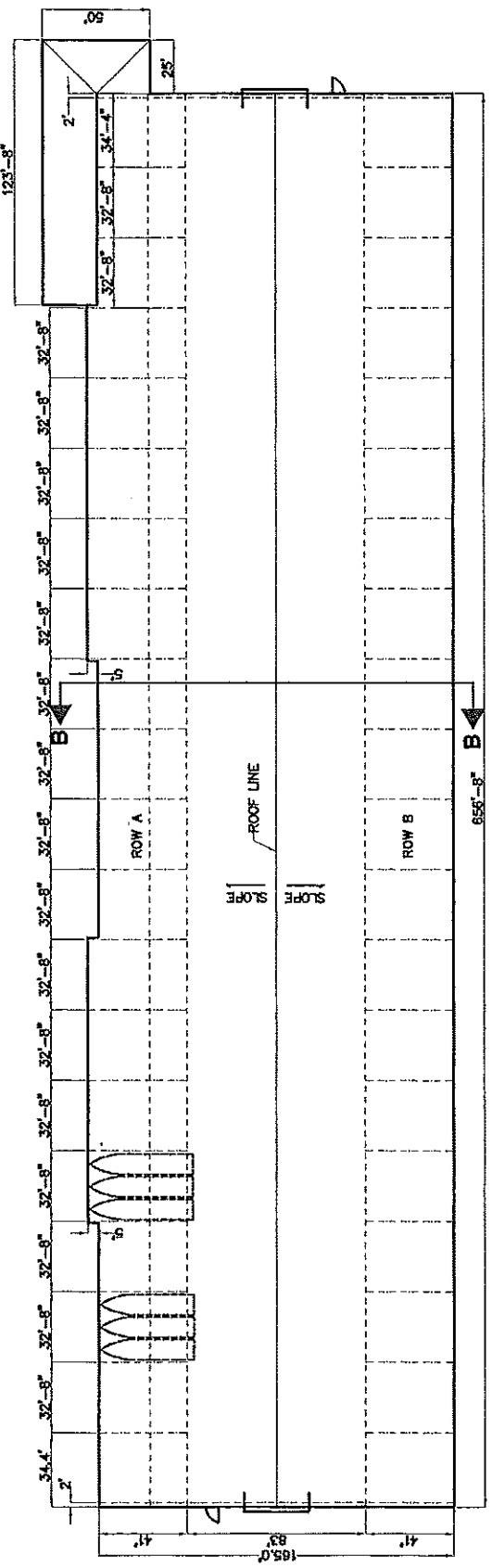
PURPOSE: **TURBIDITY CURTAIN DETAIL**
 DATUM: N/A
EAS ENGINEERING, INC. S-23-13
 55 ALMERIA AVENUE CORAL GABLES, FL 33134 (305) 445-5558

REV. DATE	DESCRIPTION

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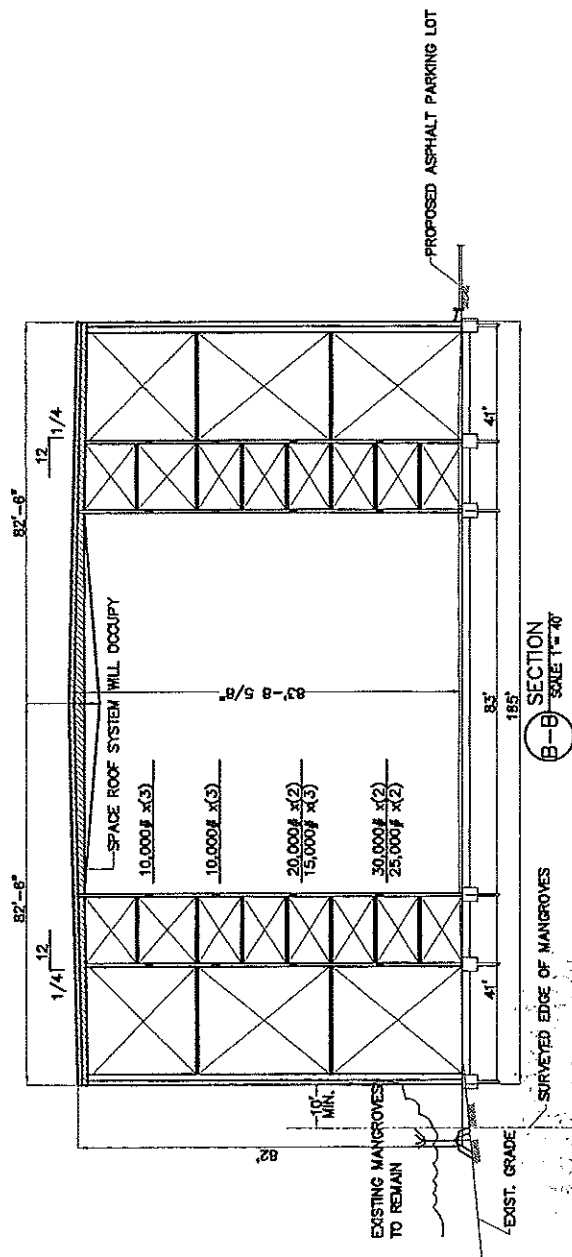
MAY 24 2013

DERM Coastal Resources Section
 National Resources Regulation & Restoration
 20130514 09:58



FOOT LAYOUT PLAN
 SCALE: 1" = 80'

NOTE: ALL BAYS ARE 32'-8" ± (32'-0" ± CLR.)
 5 LEVELS HIGH, REALISTIC TOTAL 512 BOATS.



COUNTY OF MIAMI-DADE STATE OF FLORIDA
 APPLICATION BY:
MIAMI-DADE COUNTY PARK AND RECREATION DEPT.
 HAULOVER MARINA SECTION: 14
 13700 COLLINS AVENUE TOWNSHIP: 52S
 SHEET 10 DATE: 12-03-12 RANGE: 42E

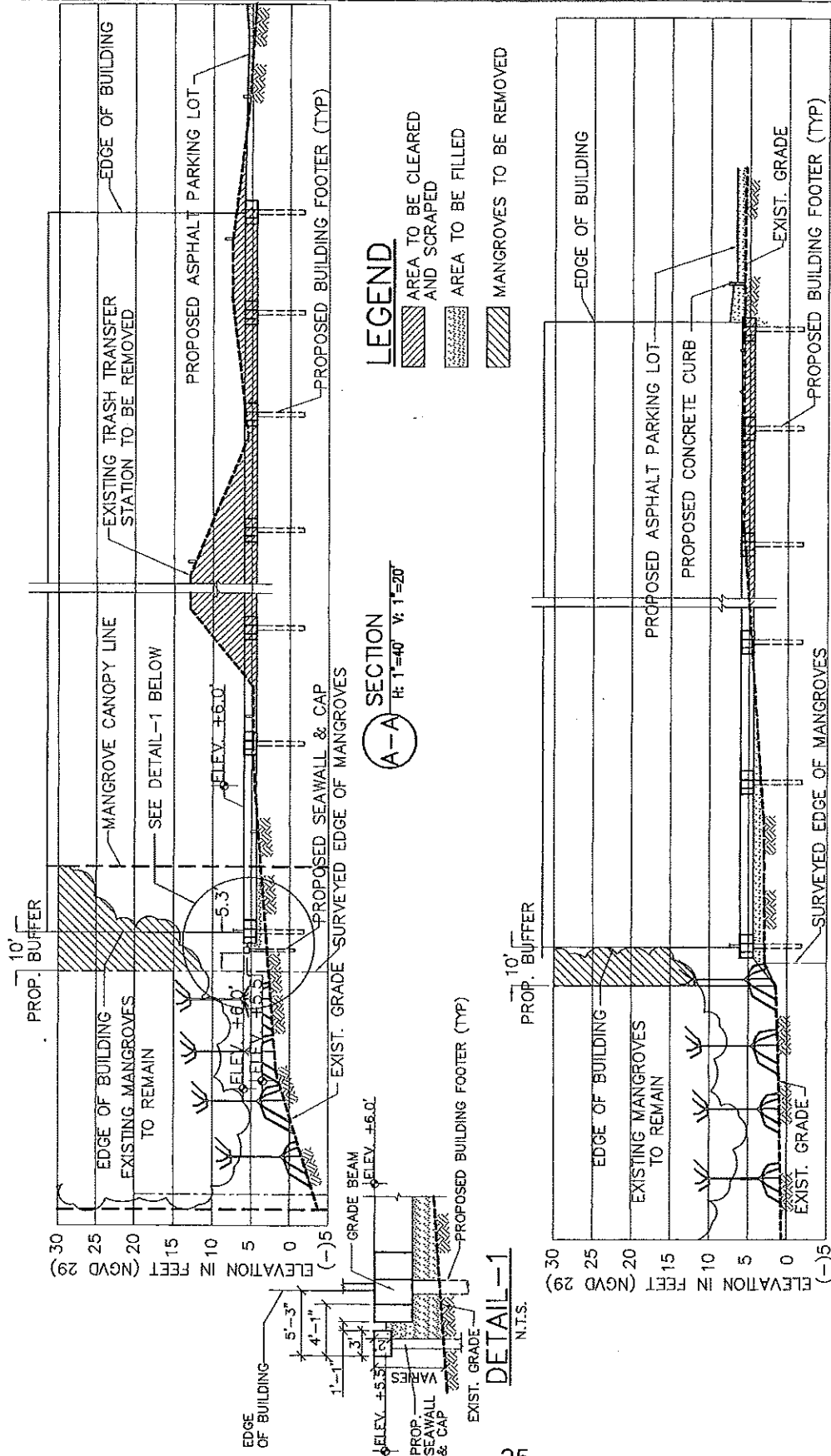
PURPOSE: DRY STACK BUILDING DETAIL
 DATUM: N/A
EAS ENGINEERING, INC. S-23-13
 55 ALMERIA AVENUE CORAL GABLES 33134 (305) 445-5653

REV. DATE	DESCRIPTION
03-14-13	GENERAL REVISIONS
03-29-13	ADDED SEAWALL DETAIL
05-23-13	GENERAL REVISIONS

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MAY 24 2013

Permit Coastal Resources of Man
Miami Beach Resources Regulation & Restoration
Date: 11/15/12



COUNTY OF MIAMI-DADE STATE OF FLORIDA
 APPLICATION BY:
 MIAMI-DADE COUNTY PARK AND RECREATION DEPT.
 HAULOVER MARINA
 13700 COLLINS AVENUE
 SHEET 11 DATE: 12-03-12 RANGE: 42E

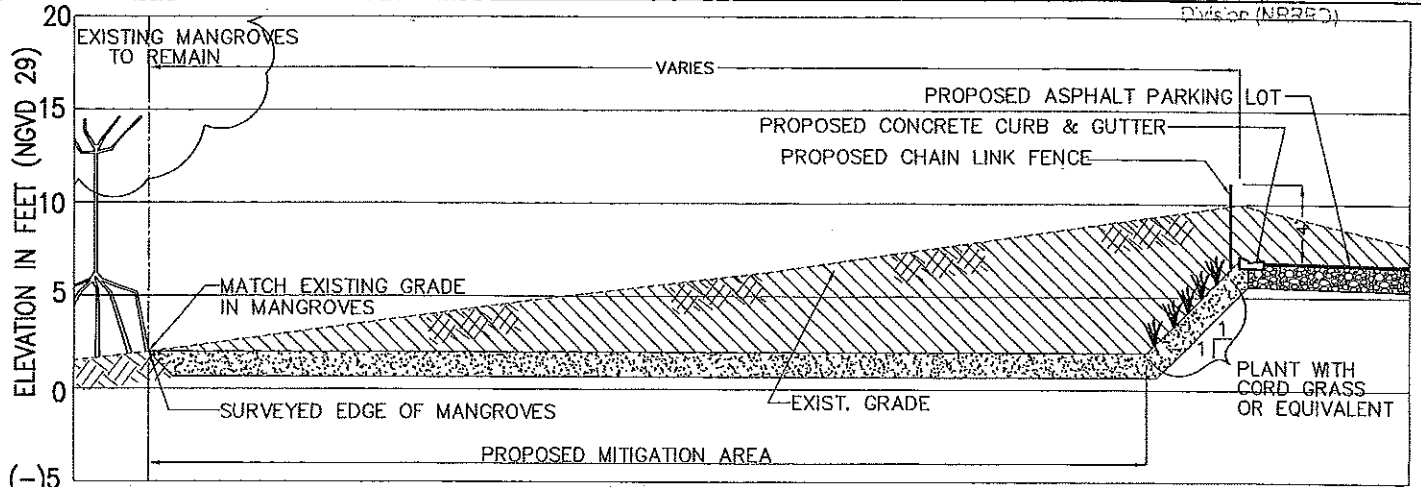
PURPOSE: SECTIONS A-A AND B-B
 DATUM: MLW
 EAS ENGINEERING, INC. ST 73-13
 55 ALMERIA AVENUE CORAL GABLES 33134 (305) 445-3558

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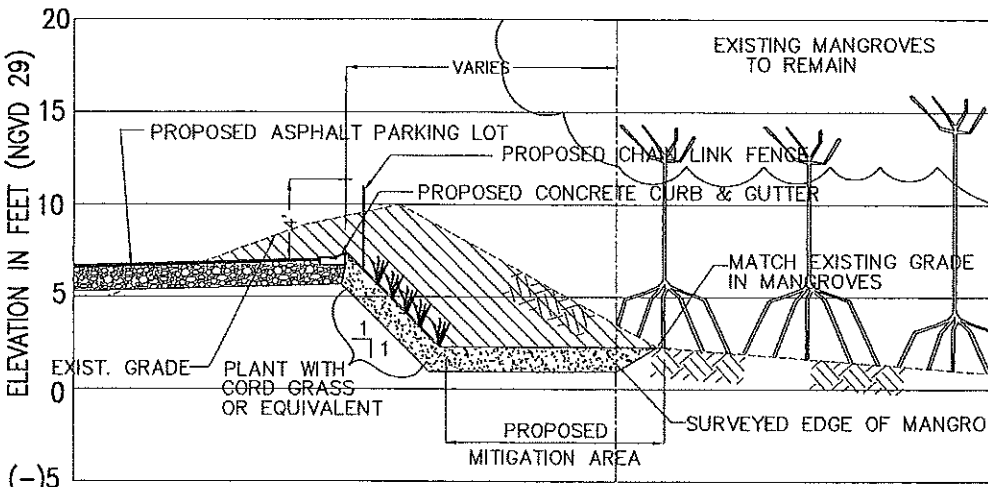
MAY 24 2013

REV. DATE	DESCRIPTION
03-13-13	EXCAVATE 18" BELOW FINAL GRADE

DERM Coastal Resources Section
 Natural Resources Regulation & Protection
 Division (NR250)



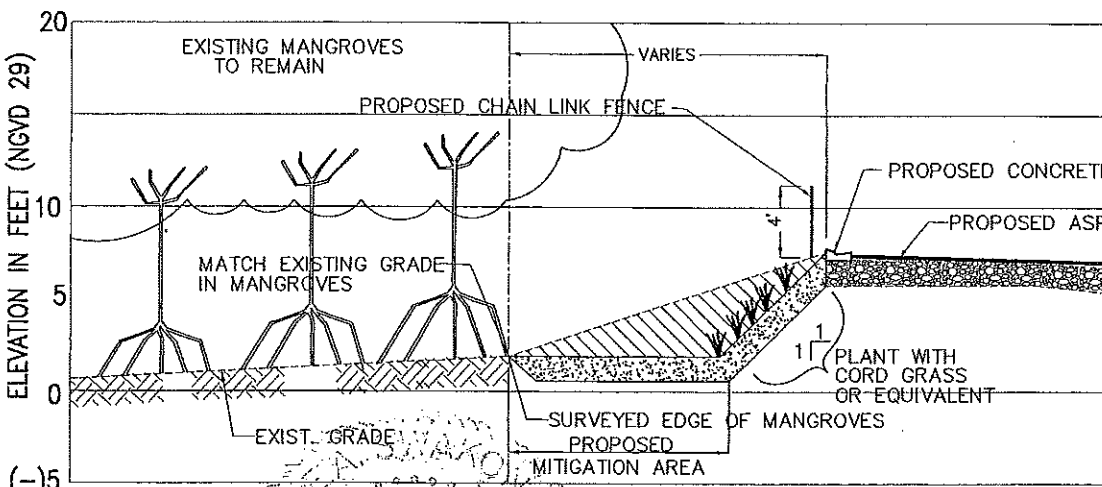
C-C SECTION
 H: 1"=20' V: 1"=10'



LEGEND

- AREA TO BE CLEARED AND SCRAPED
- EXCAVATE 18" BELOW FINAL GRADE AND BACKFILL WITH SOIL SUITABLE FOR PLANTING
- EXCAVATE 18" BELOW FINAL GRADE AND BACKFILL WITH CLEAN LIMEROCK

D-D SECTION
 H: 1"=20' V: 1"=10'



E-E SECTION
 H: 1"=20' V: 1"=10'

PURPOSE: MITIGATION SECTIONS C-C, D-D AND E-E
 DATUM: NGVD
EAS ENGINEERING, INC. 5-23-13
 66 ALMERIA AVENUE CORAL GABLES 33134 (305) 445-6668

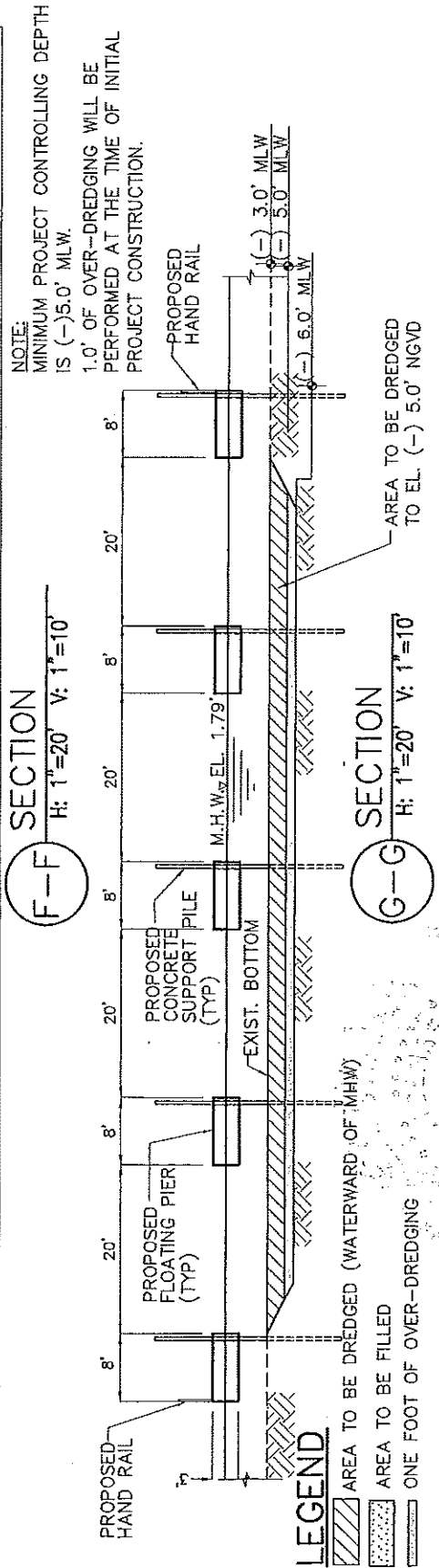
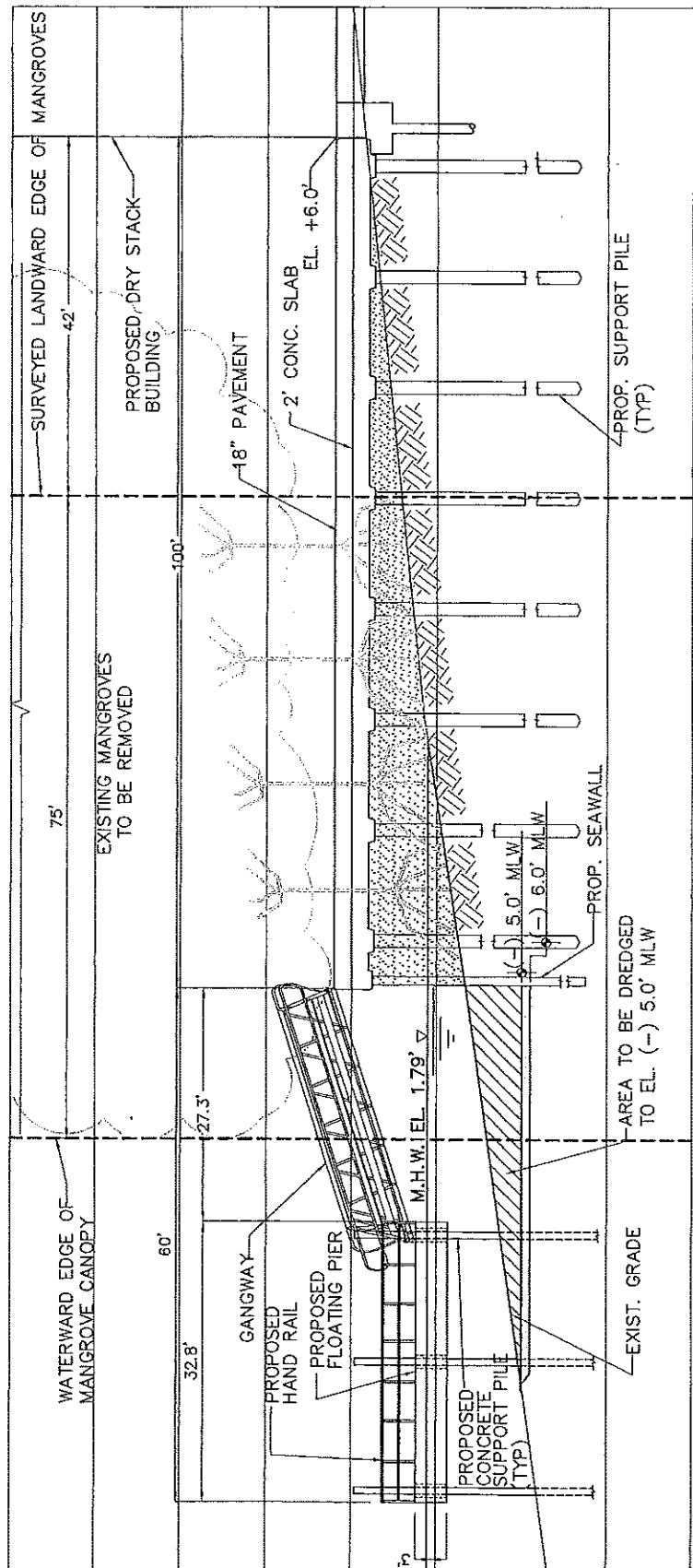
COUNTY OF MIAMI-DADE STATE OF FLORIDA
 APPLICATION BY:
MIAMI-DADE COUNTY PARK AND RECREATION DEPT.
 HAULOVER MARINA
 13700 COLLINS AVENUE
 SHEET 12 DATE: 12-03-12 SECTION: 14
 TOWNSHIP: 52S RANGE: 42E

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MAY 24 2013

DERM CO-04-11-13

REV. DATE	DESCRIPTION
12-07-12	ONE FOOT OVER-DREDGING
03-14-13	GENERAL REVISIONS
05-23-13	GENERAL REVISIONS



COUNTY OF MIAMI-DADE
 APPLICATION BY:
MIAMI-DADE COUNTY PARK AND RECREATION DEPT.
 HAULOVER MARINA
 13700 COLLINS AVENUE
 SHEET 13 DATE: 12-03-12 RANGE: 42E

STATE OF FLORIDA
 SECTION: 14
 TOWNSHIP: 52S

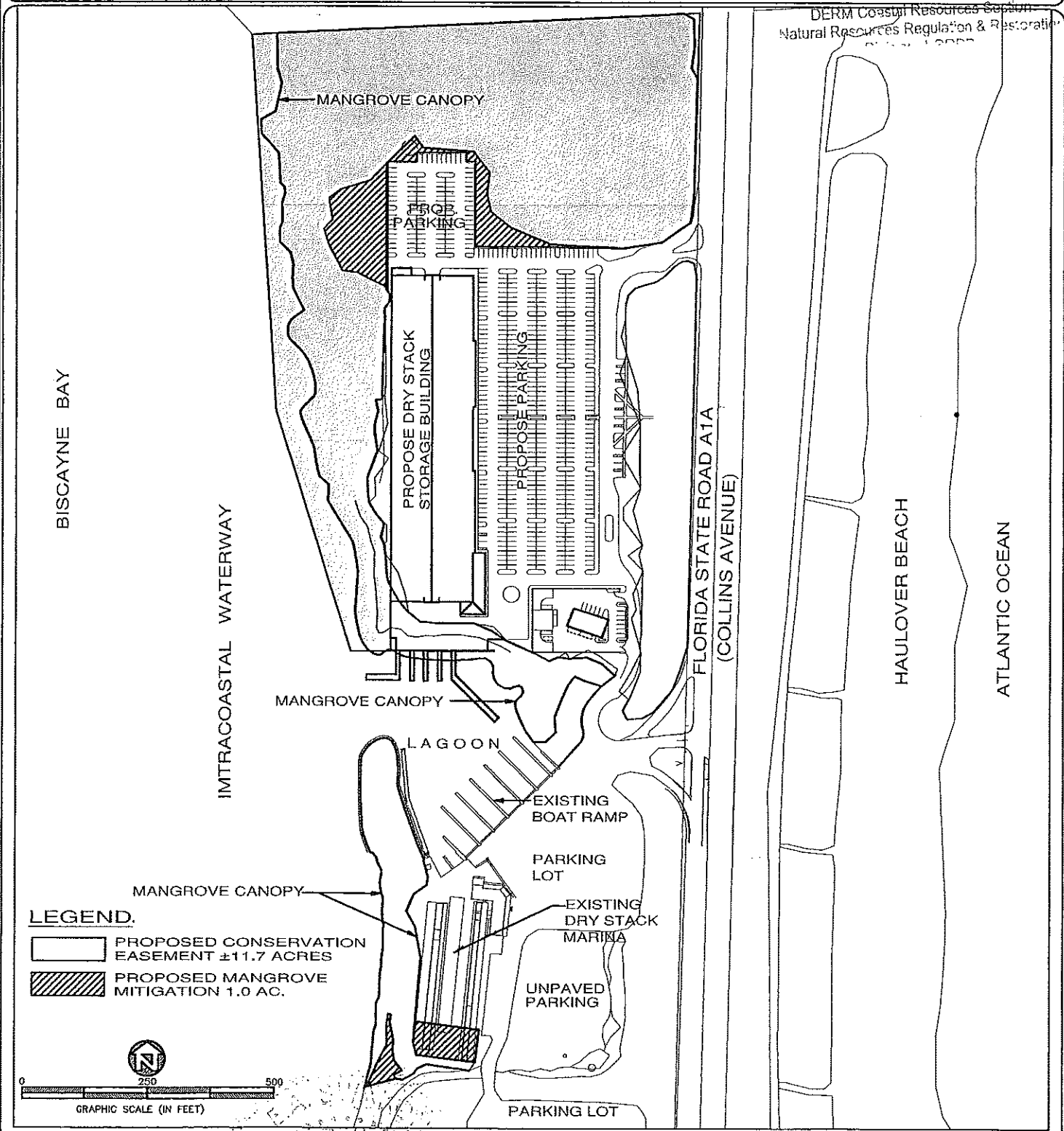
PURPOSE: SECTIONS F-F AND G-G
 DATUM: MLW

EAS ENGINEERING, INC. S-23-13
 55 ALMERIA AVENUE CORAL GABLES, FL 33134 (305) 445-5653



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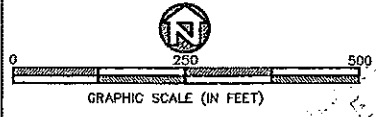
MAY 24 2013

DERM Coastal Resources Section
Natural Resources Regulation & Restoration
05/21/2013



LEGEND.

-  PROPOSED CONSERVATION EASEMENT ±11.7 ACRES
-  PROPOSED MANGROVE MITIGATION 1.0 AC.



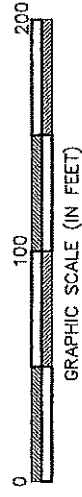
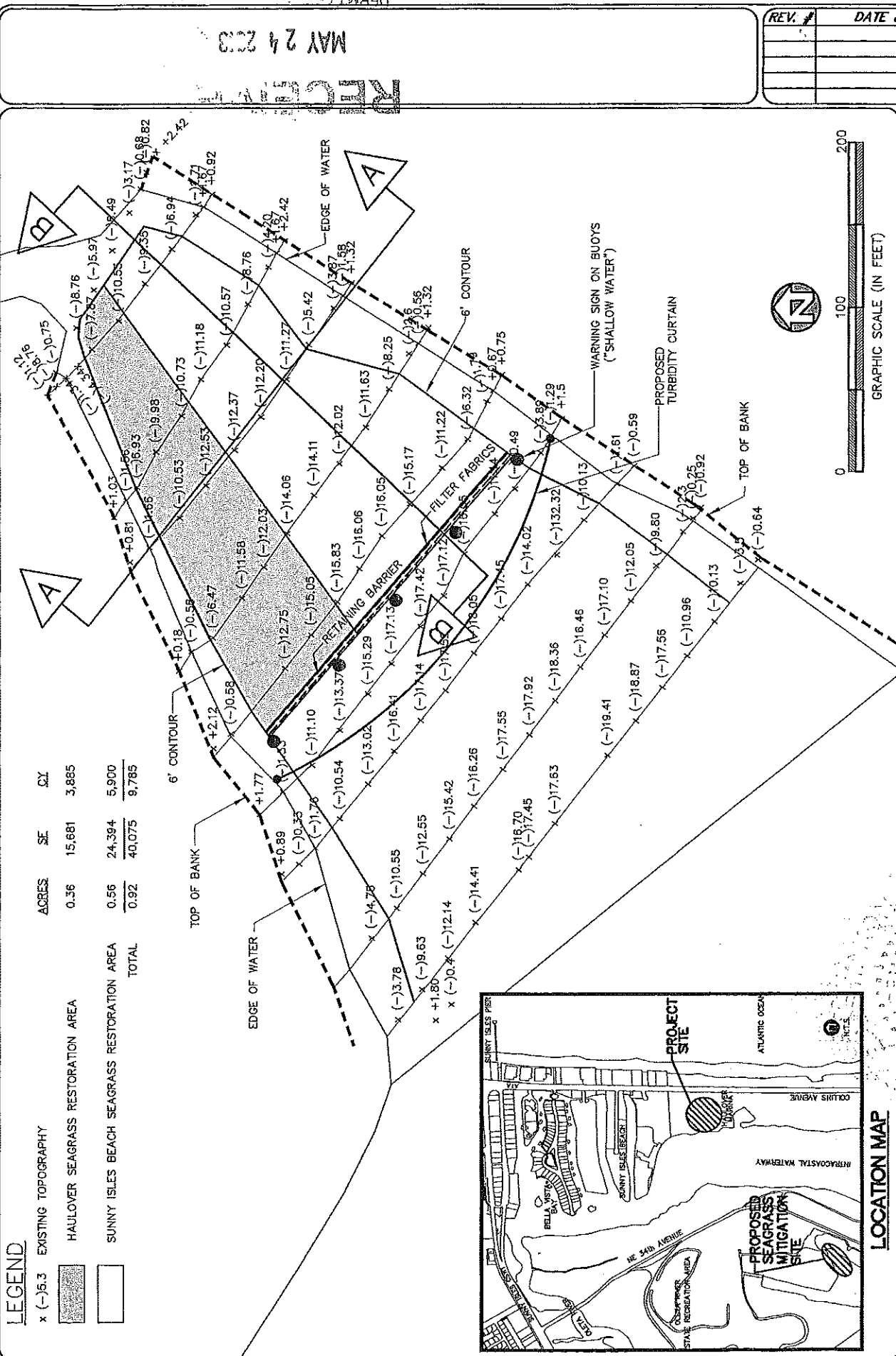
PURPOSE: ~~PROP. MANGROVE CONSERVATION EASEMENT~~ COUNTY OF MIAMI-DADE STATE OF FLORIDA
 DATUM: N/A NO. 31183 APPLICATION BY:
 MAM-DADE COUNTY PARK AND RECREATION DEPT.
 HAULOVER MARINA SECTION: 14
 13700 COLLINS AVENUE TOWNSHIP: 52S
 SHEET 14 DATE: 05/08/13 RANGE: 42E
 28

EAS ENGINEERING, INCS-23-13
 66 ALMERIA AVENUE CORAL GABLES 33134 (305) 446-5553

MAY 24 2013

REVISIONS

REV. #	DATE & DESCRIPTION

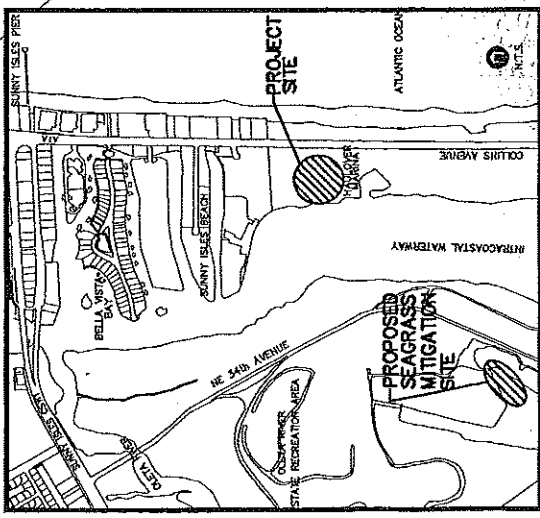


STATE OF FLORIDA
 COUNTY OF MIAMI-DADE
 APPLICATION BY:
MIAMI-DADE COUNTY PARK AND RECREATION DEPT.
 HAULOVER MARINA
 13700 COLLINS AVENUE
 SHEET 15 DATE: 05/08/13 RANGE: 42E

PURPOSE: **SEAGRASS MITIGATION SITE PLAN**
 DATUM: NAVD 88
 JOB NO: 2010-03
EAS ENGINEERING, INC. 5-23-13
 56 ALMERIA AVENUE CORAL GABLES FL 33134 (305) 446-6663

ACRES	SE	CY
0.36	15,681	3,885
0.56	24,394	5,900
TOTAL	40,075	9,785

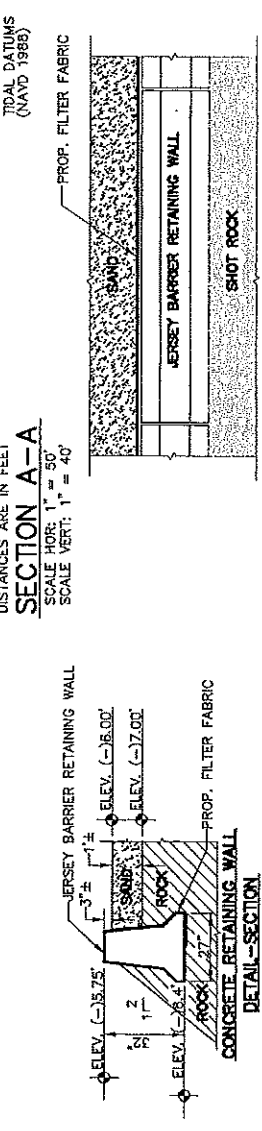
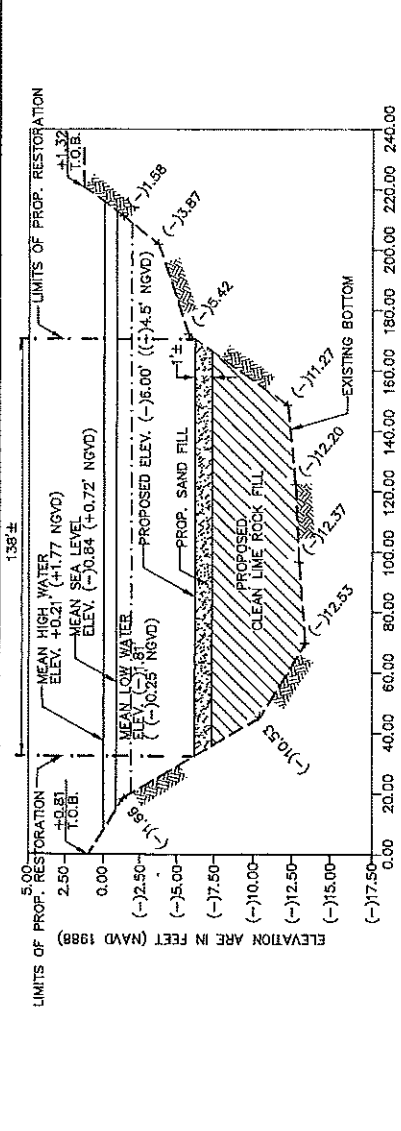
- LEGEND**
- x (-)5.3 EXISTING TOPOGRAPHY
 - [Hatched Box] HAULOVER SEAGRASS RESTORATION AREA
 - [White Box] SUNNY ISLES BEACH SEAGRASS RESTORATION AREA



LOCATION MAP

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 MAY 24 2013

REV. #	DATE & DESCRIPTION



SOURCE:
 MIAMI-DADE COUNTY DERM
 NORTH BISCAYNE BAY SEAGRASS
 RESTORATION PROJECT
 JULY, 2011

COUNTY OF MIAMI-DADE
 APPLICATION BY:
MIAMI-DADE PARK AND RECREATION DEPT.
 HAULOVER MARINA
 13700 COLLINS AVENUE
 SHEET 16 DATE: 05/08/13 RANGE: 42E

STATE OF FLORIDA
 SECTION: 14
 TOWNSHIP: 52S

PURPOSE: SEAGRASS MITIGATION SECTIONS AND DETAILS
 DATUM: NAVD 88
 JOB NO: 2010-03
E.A.S. ENGINEERING, INC. S-23-13
 55 ALBERIA AVENUE CORAL GABLES 33184 (305)446-5653

Attachment C
Zoning Memorandum

Memorandum



Date: June 13, 2013

To: Lisa Spadafina, Manager *LS*
Coastal and Wetlands Resources Section
Department of Regulatory and Economic Resources

From: Allison Hill, Biologist II *AH*
Coastal and Wetlands Resources Section
Department of Regulatory and Economic Resources

Subject: Class I Permit Application by Miami-Dade County to Trim and Alter Mangroves in a Coastal Band Community and to Perform Non-Maintenance Dredging and Filling of Tidal Waters and Halophytic Wetlands at Haulover Beach Park

Pursuant to Section 24-48.2(II)(B)(7), of the Code of Miami-Dade County, Florida, a substantiating letter shall be submitted by the applicant stating that the proposed project does not violate any zoning laws. Said letter will be submitted after approval by the Miami-Dade County Board of County Commissioners and prior to issuance of the Class I permit.

Attachment D

**Department of Regulatory and Economic Resources
Project Report**

PROJECT REPORT
CLASS I PERMIT APPLICATION NO. 2011-CLI-PER-00155

Class I Permit Application by Miami-Dade County to Trim and Alter Mangroves in a Coastal Band Community and to Perform Non-Maintenance Dredging and Filling of Tidal Waters and Halophytic Wetlands at Haulover Beach Park

DATE: May 28, 2013

Staff's recommendation of approval for the above-referenced permit application is based on the applicable evaluation factors under Section 24-48.3 of the Code of Miami-Dade County (Code), Florida. The following is a summary of the proposed project with respect to each applicable evaluation factor:

1. **Potential Adverse Environmental Impact** – The proposed Haulover Dry Stack Facility project will result in environmental impacts to 0.73 acres of halophytic (salt-tolerant) wetlands and tidal waters, including mangroves that are part of a Coastal Band Community as defined in Section 24-5 of the Code. The wetland area is primarily vegetated with *Rhizophora mangle* (red mangrove), although *Laguncularia racemosa* (white mangrove), and *Avicennia germinans* (black mangrove) are also present. A sparse coverage of seagrass, including *Halophila johnsonii* (Johnson's Seagrass) was documented in the footprint of the proposed dredge area. In order to avoid and minimize environmental impacts, the applicant maximized the use of the existing upland fill pad and connected the new boat launching area to the existing boat basin.

To mitigate for environmental impacts associated with the construction and operation of the proposed project, restoration activities will include the removal of exotic vegetation and grading of upland areas to plant mangroves for the creation of 1.0 acre of wetlands and filling of 0.36 acres of an excavated borrow canal adjacent to the Oleta River State Recreational Area. Filling this portion of the borrow canal will improve water quality and provide an elevation and substrate that are suitable for the recruitment and colonization of seagrasses and algae. Mitigation required to offset the impacts of the proposed work was calculated using the Uniform Mitigation Assessment Method rule under Chapter 62-345, FAC.

To provide for the future preservation of the remaining and proposed halophytic wetland areas, a Memorandum of Understanding between the Miami-Dade Parks, Recreation and Open Spaces Department and the Miami-Dade Department of Regulatory and Economic Resources will designate the remaining and proposed halophytic wetland restoration areas, measuring 11.7 acres, as mitigation areas. The Class I permit and Memorandum of Understanding will also require that these areas be monitored for success, managed appropriately, and maintained free of exotics in perpetuity.

The project site is located immediately west of an area that is designated by the MPP as essential habitat for the *Trichechus manatus* (West Indian Manatee). However, the proposed project location is in an area that is recommended for the creation and expansion of commercial marinas, dry storage facilities, transitory docks, boatyards or boat ramps, partially due to the proximity to a channel that provides direct access to the Atlantic Ocean. This area is also frequently patrolled by marine law enforcement agencies. Therefore, the proposed work is not anticipated to result in adverse impacts to the West Indian Manatee. The Class I permit will require that all standard construction permit conditions regarding manatees be followed during all in-water operations and manatee information signs will be located on-site in the area of the new dry storage facility and launching area.

2. **Potential Cumulative Adverse Environmental Impact** – The proposed project is not reasonably expected to result in cumulative adverse environmental impacts.
3. **Hydrology** - The proposed project is not reasonably expected to adversely affect surface water drainage or retention of stormwater.
4. **Water Quality** – The construction phase of the proposed project may temporarily impact water quality. In order to minimize impacts to surface waters, the Class I permit shall require that a water quality monitoring plan and proper turbidity controls be implemented during the proposed work to ensure turbidity levels within the surrounding waters do not exceed State and County water quality standards.
5. **Wellfields** – Not applicable.
6. **Water Supply** – Not applicable.
7. **Aquifer Recharge** – Not applicable.
8. **Aesthetics** – The proposed project was reviewed and received a "No Need to Comply" determination by the Miami-Dade County Shoreline Development Review Committee. During the construction process, there may be temporary aesthetic impacts related to the presence of equipment and other machinery associated with the construction activities.
9. **Navigation** – The proposed project includes dredging a portion of the existing boat basin to provide adequate water depths for navigational access to the existing channel.

10. **Public Health** - The proposed project is not reasonably expected to adversely affect public health.
11. **Historic Values** - The proposed project is not reasonably expected to adversely affect historic values.
12. **Archaeological Values** - The proposed project is not reasonably expected to adversely affect archaeological values.
13. **Air Quality** - The proposed project is not reasonably expected to adversely affect air quality.
14. **Marine and Wildlife Habitats** - The proposed project involves the removal of mangrove wetlands and dredging of the existing basin, which may result in temporary impacts to marine and wetland habitat. However, the project site is directly adjacent to a high quality marine and wetland system that can be used as alternate habitat, and additional habitat areas will be created, increasing the overall quality of the wetland system at the property. In addition, unavoidable impacts to marine and wildlife habitats have been minimized and shall be mitigated as set forth in Number 1 above.

The project was evaluated for consistency with the MPP as set forth in Number 1, and not anticipated to result in adverse impacts to the habitat for the West Indian Manatee.

15. **Wetland Soils Suitable for Habitat** - The proposed project will result in the removal of wetland soils suitable for habitat. However, the project site is directly adjacent to a high quality wetland system that can be used as alternate habitat. In addition, unavoidable impacts to wetland soils suitable for habitat have been minimized and shall be mitigated as set forth in Number 1 above.
16. **Floral Values** - The proposed project will result in impacts to floral values as a result of the removal of vegetation and the excavation of halophytic wetland areas. However, the impacts have been minimized and shall be mitigated as set forth in Number 1 above.
17. **Fauna Values** - The proposed project may result in temporary impacts to fauna values due to the displacement of fauna such as small mammals and wading birds. However, the project site is directly adjacent to a high quality wetland system that can be used as alternate habitat and unavoidable impacts to fauna have been minimized and shall be mitigated as set forth in Number 1 above.
18. **Rare, Threatened and Endangered Species** - The proposed project is not reasonably expected to result in adverse environmental impacts to rare, threatened, or endangered species. The proposed project is located within *Halophila johnsonii* (Johnson's Seagrass) Critical Habitat and is also located immediately west of an area that is designated by the MPP as essential habitat for the *Trichechus manatus* (West Indian Manatee). However, the impacts have been minimized and shall be mitigated as set forth in Number 1 above.
19. **Natural Flood Damage Protection** - The proposed project is not reasonably expected to adversely affect surface water drainage or retention of stormwater.
20. **Wetland Values** - The proposed project is expected to adversely affect wetland values. The proposed project involves the removal of 0.44 acres of mangrove wetlands and dredging of a portion of the basin. These impacts will adversely affect the wetland value. Although the work will result in adverse impacts to the mangroves and wetland in the location of the proposed launch area, the project location is one of few areas designated by the MDCMPP as an area suitable for marina expansion and the impacts to wetlands have been minimized and shall be mitigated as set forth in Number 1 above.
21. **Land Use Classification** - Pursuant to Section 24-48.2(II)(B)(7), of the Code of Miami-Dade County, Florida, a substantiating letter shall be submitted stating that the proposed project does not violate any zoning laws. Said letter will be submitted after the approval by the Board of County Commissioners and prior to the issuance of a Class I permit.
22. **Recreation** - The proposed project does not conflict with the recreation element of the Miami-Dade County Comprehensive Development Master Plan.
23. **Other Environmental Values Affecting the Public Interest** - The proposed project is not reasonably expected to adversely affect other environmental values affecting the public interest. The proposed project will occur on lands owned entirely by the applicant.

24. **Conformance with Standard Construction Procedures and Practices and Design and Performance Standards** – The proposed project complies with the standard construction procedures and practices and design and performance standards of the applicable portions of the following:
- Chapter 33B of the Code of Miami-Dade County
 - Miami-Dade County Public Works Manual
25. **Comprehensive Environmental Impact Statement (CEIS)** - In the opinion of the Director, the proposed project is not reasonably expected to result in significant adverse environmental impacts or cumulative adverse environmental impacts. Therefore, a CEIS was not required by RER to evaluate the project.
26. **Conformance with All Applicable Federal, State and Local Laws and Regulations** - The proposed project is in conformance with applicable State, Federal and local laws and regulations:
- Chapter 24 of the Code of Miami-Dade County
 - United States Clean Water Act US Army Corps of Engineers, (permit is required)
 - Florida Department of Environmental Protection (permit is required)
27. **Conformance with the Miami-Dade County Comprehensive Development Master Plan (CDMP)** - In the opinion of the Director, the proposed project is in conformance with the CDMP. The following is a summary of the proposed project as it relates to the CDMP:

LAND USE ELEMENT I:

Objective 3/Policies 3A, 3B, 3C - Protection of natural resources and systems. – The proposed project is consistent with the Conservation and Coastal Management Elements of the CDMP. The project is compatible with surrounding land uses in Biscayne Bay and does not involve development in the Big Cypress area of Critical State concern or the East Everglades.

TRANSPORTATION ELEMENT II

Aviation Subelement/Objective 9 - Aviation System Expansion - There is no aviation element to the proposed project.

Port of Miami River Subelement/Objective 3 - Minimization of impacts to estuarine water quality and marine resources. The proposed project is not located within the Miami River.

CONSERVATION, AQUIFER RECHARGES AND DRAINAGE ELEMENT IV:

Objective 3/Policies 3A, 3B, 3D - Wellfield protection area protection. - The proposed project is not located within a wellfield protection area.

Objective 3/Policy 3E - Limestone mining within the area bounded by the Florida Turnpike, the Miami-Dade/Broward Levee, N.W. 12 Street and Okeechobee Road. - The proposed project is not located within this area.

Objective 4/Policies 4A, 4B, 4C - Water storage, aquifer recharge potential and maintenance of natural surface water drainage. - The proposed project is not reasonably expected to adversely affect water storage, aquifer recharge potential or natural surface water drainage.

Objective 5/Policies 5A, 5B, 5F - Flood protection and cut and fill criteria – The proposed project will not compromise flood protection.

Objective 6/Policy 6A - Areas of highest suitability for mineral extraction. - The proposed project is not located in an area proposed or suitable for mineral extraction.

Objective 6/Policy 6B - Guidelines for rock quarries for the re-establishment of native flora and fauna. - The proposed project is not located in a rock quarry.

Objective 6/Policy 6D - Fill material on-site is suitable for the support of development. – The proposed project shall utilize clean fill.

Objective 7/Policy 7A - No net loss of high quality, relatively unstressed wetlands. – Although the proposed project will result in impacts to halophytic wetlands and tidal waters, the impacts have been minimized and will be mitigated as set forth in Number 1 above.

Objective 9/Policies 9A, 9B, 9C - Protection of habitat critical to Federal or State-designated threatened or endangered species. – The proposed project is located within Johnson’s Seagrass Critical Habitat, and adjacent to an area designated by the MPP as essential habitat for the West Indian Manatee. The proposed project is not reasonably expected to adversely affect habitat critical to Federal or State-designated threatened or endangered species, as the impacts have been minimized and will be mitigated as set forth in Number 1 above.

COASTAL MANAGEMENT ELEMENT VII:

Objective 1/Policy 1A - Tidally connected mangroves in mangrove protection areas – The project is located within a designated “Mangrove Protection Area.” Although the proposed project will result in impacts to mangrove wetlands in a location designated a Mangrove Protection Area, the project is water dependent, and the impacts have been minimized and will be mitigated as set forth in Number 1 above.

Objective 1/ Policy 1B - Natural surface flow into and through coastal wetlands. – The proposed project is not reasonably expected to affect natural surface flow into and through halophytic wetlands.

Objective 1/ Policy 1C - Elevated boardwalk access through mangroves. – The project does not involve pedestrian access through mangroves.

Objective 1/Policy 1D - Protection and maintenance of mangrove forests and related natural vegetative communities. - The proposed project will result in impacts to mangrove wetlands. However, upland areas immediately adjacent to the impact site will be graded to wetland elevation and planted with halophytic wetland vegetation, and the impacts have been minimized and shall be mitigated as set forth in Number 1 above.

Objective 1/Policy 1E - Mitigation for the degradation and destruction of coastal wetlands. Monitoring and maintenance of mitigation areas. – To mitigate for the impacts associated with the proposed project, upland areas immediately adjacent to the impact site will be graded to wetland elevation and planted with halophytic wetland vegetation, and will be managed and maintained as set forth in Number 1 above.

Objective 1/Policy 1G - Prohibition on dredging or filling of grass/algal flats, hard bottom or other viable benthic communities, except as provided for in Chapter 24 of the Code of Miami-Dade County, Florida. – The proposed project involves dredging of a viable benthic community; however, the work is consistent with the provisions in Chapter 24 of the Code of Miami-Dade County, Florida, and impacts have been minimized and will be mitigated set forth in Number 1 above.

Objective 2/Policies 2A, 2B - Beach restoration and renourishment objectives. - The proposed project does not involve beach restoration or renourishment.

Objective 3/Policies 3E, 3F - Location of new cut and spoil areas for proper stabilization and minimization of damages. - The proposed project does not involve the development or identification of new cut or spoil areas.

Objective 4/Policy 4A, 4C, 4E, 4F – Protection of endangered or threatened animal species - The proposed project is not reasonably expected to affect endangered or threatened animal species or habitat, as set forth in Numbers 14 and 18 above.

Objective 5/Policy 5B - Existing and new areas for water-dependent uses. - The proposed project will improve existing water-dependent uses.

Objective 5/Policy 5D - Consistency with Chapter 33D, Miami-Dade County Code (shoreline access, environmental compatibility of shoreline development) – The proposed project was reviewed and received a “No Need to Comply” determination by the Miami-Dade County Shoreline Development Review Committee. During the construction process, there may be temporary aesthetic impacts related to the presence of equipment and other machinery associated with the construction activities.

Objective 5/Policy 5F - The siting of water-dependent facilities. - The proposed project will enhance the existing water-dependent facilities.

28. **Conformance with Chapter 33B, Code of Miami-Dade County** (East Everglades Zoning Overlay Ordinance) – The proposed project is not located within the East Everglades Area.

29. **Conformance with Miami-Dade County Ordinance 81-19** (Biscayne Bay Management Plan Sections 33D-1 through 33D-4 of the Code of Miami-Dade County) - The proposed project is consistent with the Biscayne Bay Management Plan.
30. **Conformance with the Miami-Dade County Manatee Protection Plan** - The proposed project is located within an area designated by the MPP as essential habitat for the West Indian Manatee, and is consistent with the MPP as set forth in Number 1 above.
31. **Consistency with Miami-Dade County Criteria for Lake Excavation** – The proposed project does not involve lake excavation.
32. **Municipality Recommendation** – Pursuant to Section 24-48.2(II)(B)(7), Code of Miami-Dade County, Florida, a substantiating letter shall be submitted stating that the proposed project does not violate any zoning laws. Said letter will be submitted after the approval by the Board of County Commissioners and prior to the issuance of the Class I permit.
33. **Coastal Resources Management Line** - A coastal resources management line was not required for the proposed project, pursuant to Section 24-48.2(II)(B)(10)(b) of the Code of Miami-Dade County.
34. **Maximum Protection of a Wetland's Hydrological and Biological Functions** – Although the work will impact wetlands, the impacts have been minimized and shall be mitigated as set forth in Number 1 above.
35. **Class I Permit Applications Proposing to Exceed the Boundaries Described in Section D-5.03(2)(a) of the Miami-Dade County Public Works Manual** – Not Applicable

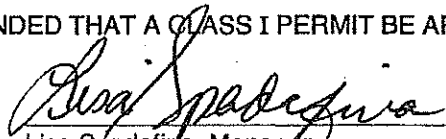
The proposed project was also evaluated for compliance with the standards contained in Sections 24-48.3(2),(3), and (4) of the Code of Miami-Dade County, Florida. The following is a summary of how the standards relate to the proposed project:

24-48.3 (2) Dredging and Filling for Class I Permit – The proposed project complies with the following criteria:
a) Minimum dredging and filling for the creation and maintenance of marinas, piers, docks and attendant navigational channels.

24-48.3 (3) Minimum Water Depth Required for Boat Slips Created by the Construction or Placement of Fixed or Floating Docks and Piers, Piles and Other Structures Requiring a Permit Under Article IV, Division 1 of Chapter 24 of the Code of Miami-Dade County - The proposed project is consistent with Chapter 24 of the Code of Miami-Dade County.

24-48.3 (4) Clean Fill in Wetlands – The proposed will utilize clean fill.

BASED ON THE FOREGOING, IT IS RECOMMENDED THAT A CLASS I PERMIT BE APPROVED.



Lisa Spadafina, Manager
Coastal and Wetlands Resources Section



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