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CLERK OF THE BOARD
OF COUNTY COMMISSIONERS
MIAMI-DADE COUNTY, FLORIDA

Memorandum

MIAMI-DADE COUNTY

Date: July 1, 2025

To: Honorable Chairman Anthony Rodriguez
and Members, Board of County Commissioners

Agenda Item No. 5(S)

Resolution No. R-649-25

From: Lourdes M. Gomez, Director
Department of Regulatory and Economic Resources

Subject: Class I Permit Application by the Florida Department of Environmental Protection

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Recommendation

I have reviewed the attached application for a Class I permit by the Florida Department of Environmental Protection and 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 of County Commissioners (Board) approve the issuance of a Class I permit for the reasons set forth below.

Pursuant to Ordinance No. 16-73, this quasi-judicial matter may be submitted directly for placement on the Board's meeting agenda by the Director of the Department of Regulatory and Economic Resources.

Scope

The project site is located at 3485 Main Highway, Miami, Florida, in Commission District 7, which is represented by Commissioner Raquel A. Regalado.

Delegation of Authority

This item has no delegation of authority. Upon approval of this item, Section 24-48.2(C)(2) of the Code authorizes the Department to issue the permit, provided that other Code requirements are satisfied, such as submittal of final plans and bonds, and to require additional conditions, limitations, and restrictions if consistent with this Board's approval.

Fiscal Impact/Funding Source

This resolution is a regulatory approval and does not have a fiscal impact.

Track Record/Monitor

The Coastal Resources Section Manager, Rockell Alhale, in the Department of Regulatory and Economic Resources, Division of Environmental Resources Management (RER-DERM), would be responsible for monitoring the proposed permit.

Background

The subject Class I permit application requests authorization for the repair of a historic boathouse porch to include the filling of 32 square feet of tidal waters within the Barnacle Historic State Park located at 3485 Main Highway, Miami, Miami-Dade County, Florida. The proposed scope of work also includes the replacement of the existing dock in the same footprint. The proposed work was previously approved by the Board through Resolution No. R-511-22; however, the Applicant did not obtain the Class I permit within the timeframes specified in section 24-48.19 of the Code. Therefore, the Applicant submitted the subject Class I permit application. To be approved, this application must be reviewed and decided by the Board at a public hearing because the filling of tidal waters is specifically referenced in Section 24-48.2 of the Code as work that shall be processed with a standard form application, including a public hearing.

The subject project area contains an existing historic boathouse with adjoining porch that serves as an educational resource utilized by the public within the Barnacle Historic State Park. The Applicant has indicated that the existing riprap and concrete boathouse porch and foundation sustained damage as a result of Hurricane Irma in 2017 and are no longer structurally sound. In order to stabilize the boathouse, the Applicant is proposing to replace the existing riprap foundation with a concrete wall and additional riprap. While the majority of the new wall would be installed landward of the Mean High-Water Line, a small segment of wall would be installed in tidal waters at the northeast and southeast corners of the existing boathouse resulting in the filling of 32 square feet of tidal waters.

According to Section 24-48.3(2) of the Code, dredging and filling work proposed in a Class I permit application shall comply with at least one of the criteria listed in that section of the Code. The Applicant has indicated that the existing porch is damaged and cannot continue to support the historic boathouse. The proposed work would result in the minimal amount of filling of tidal waters necessary to structurally support and stabilize the porch of the structure. As the work is a physical modification necessary to protect public or private property, the proposed project complies with the requirements in Section 24-48.3(2)(f) of the Code, which applies to dredging and filling work proposed in a Class I permit application.

In addition to the work described above, the Applicant is also proposing to replace the previously existing dock within the same footprint. The project site is located within an area identified by the Manatee Protection Plan (MPP) as essential manatee habitat and recommended by the MPP for Residential Docking: 1 Motorboat per 100 feet of Developable Shoreline. However, the MPP provides for an existing marine facility to continue with the existing use and to renovate as long as there is no change in the facility size and no increase in the number of slips. The proposed dock replacement would be within the same footprint as previously authorized by Class I permit CC97-020 and the use of the dock would be restricted to the mooring of a historic vessel, shallow draft sailboats, non-motorized vessels, and vessels with less than 5 horsepower provided the drafts are less than 1 foot pursuant to Environmental Quality Control Board Order No. 99-45. Furthermore, the Class I permit would require that all standard construction permit conditions regarding manatee protection be followed during all in-water operations.

Pursuant to Section 24-48.4 of the Code, potential adverse environmental impacts and cumulative adverse environmental impacts for a proposed project must be avoided and minimized and mitigation is required for permittable projects that otherwise result in adverse environmental impacts. The substrate within the area proposed to be filled does not provide significant benthic habitat and the work is not reasonably anticipated to result in adverse environmental impacts. No trimming or alteration of the Coastal Band Community mangroves growing to the north of the boathouse is proposed under the subject application and proper turbidity controls, including silt fencing, would be maintained throughout the duration of construction operations to ensure that no unauthorized impacts occur. Furthermore, as the proposed dock and slips would be located in the same footprint as the previously authorized dock, no adverse environmental impacts are reasonably anticipated to occur. Additionally, no federally or State-designated threatened or endangered species of seagrasses or corals were documented within the footprint of the proposed filling or dock.
The proposed work is not reasonably expected to result in cumulative environmental impacts to water quality; however, the construction phase of the proposed project may result in temporary water quality impacts. In order to minimize the temporary impacts to water quality as a result of the

construction activities associated with the proposed work, the Class I permit would require that turbidity and erosion controls be utilized during all phases of construction to ensure compliance with State and County water quality standards. The mitigation required for the filling of tidal waters would be satisfied through a contribution to the Biscayne Bay Environmental Enhancement Trust Fund.

The project has been designed in accordance with all relevant Miami-Dade County coastal construction criteria and is consistent with all other Miami-Dade County coastal protection provisions. Please find attached a DERM Project Report which also sets forth the reasons the proposed project is recommended for approval by RER-DERM pursuant to the applicable evaluation factors and criteria as 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 Letter and Project Sketches
Attachment C: Names and Addresses of Owners of All Riparian or Wetland Property within Three Hundred (300) Feet of the proposed Work.
Attachment D: Zoning Memorandum
Attachment E: DERM Project Report
Attachment F: South Florida Water Management District Permit
Attachment G: United States Army Corps of Engineers Permit

Attachment A

Class I Permit Application

Class I
Permit Application

FOR DEPARTMENTAL USE ONLY	
Date Received: (Updated 09/09)	**Application Number:** **Application Fee:**

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

1. Applicant Information:

Name: David Matson, Assistant Bureau Chief, FDEP

Address:3900 Commonwealth Boulevard, MS 520

Tallahassee Zip Code: 32399

Phone #:850-2452594 Fax#: N/A

Email: David.Matson@FloridaDEP.gov

*** This should be the applicant's information for contact purposes.**

2. Applicant's Authorized Permit Agent:

Agent is allowed to process the application, furnish supplemental information relating to the application and bind the applicant to all requirements of the application.

Name: Amanda Montgomery, PWS, WEDG, WGI

Address: 3230 W Commercial Blvd., Suite 300

Fort Lauderdale Zip Code: 33309

Phone #:786-878-5016 Fax #: N/A

Email: Amanda.Montgomery@WGInc.com

3. Location where proposed activity exists or will occur (latitude and longitude are only necessary for properties without address or folio #):

Folio #(s): 0141210450050 Latitude: 25.72413251 Longitude: -80.24124745

Street Address: 3485 Main Highway Section: 21 Township: 54 S Range: 41 E

In City or Town: Miami Near City or Town: Coconut Grove

Name of waterway at location of the activity: Biscayne Bay, Biscayne Bay Aquatic Preserve

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

- ☐ Seawall
  - ☐ New/Replacement Seawall
  - ☐ Seawall Cap
  - ☐ Batter Piles
  - ☐ King Piles
  - ☐ Footer/Toe Wall
- X Riprap
- X Dock(s)
  - ☐ Pier(s)
  - ☐ Viewing Platform
- ☐ Boatlift
  - ☐ Mooring Piles
  - ☐ Fender Piles
  - ☐ Davits
- ☐ Dredging
  - ☐ Maintenance
  - ☐ New
- X Filling
- ☐ Mangrove Trimming
- ☐ Mangrove Removal

☐ Other: _____

Estimated project cost = $ 108,543.00

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

5. Proposed Use (check all that apply):

- ☐ Single Family
- ☐ Multi-Family
- ☐ Private
- X Public
- ☐ Commercial
- ☐ Industrial
- ☐ 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): The 'Egret' Historical Sailboat Vessel (no change).

Vessel Make/Model (If known): _____

Draft (s)(range in inches.):_____ Length (s)(range in feet.): _____

Total Number of Slips: _____

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
SFWMD	Exemption Verification	TBD	TBD	TBD
USACE	NWP-3/13	SAJ-2020-01212 (NW-AG)	N/A	04/12/2022

8. Contractor Information (If known):

Name: _____License # (County/State):_____

Address: TBD - contractor to be selected after project letting. Please pre-condition permit for this info. to be submitted at a later date.

Code: _____ Phone #:_____ Fax #:_____ E-

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.)

David Matson, Assistant Bureau Chief	Trustee	State of Florida
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. ***

David Matson Digitally signed by David Matson Date: 2024.08.21 13:01:51 -04'00'

_____	**David Matson,**	**Assistant Bureau Chief**	_____
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 3485 Main Highway, Miami, FL 33133 (Barnacle Historic State Park) Miami-Dade County, Florida, otherwise identified in the public records of Miami-Dade County as Folio No. 0141210450050. 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.)

Print Name of Owner (Enter the complete name as registered)	Type (Corp, LLC, LLP, etc.)	State of Registration/Incorporation
David Matson, Assistant Bureau Chief	Trustee	State of Florida

3900 Commonwealth Boulevard, MS 520, Tallahassee, FL 32399

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. ***

Signature of Authorized Representative	Print Authorized Representative's Name	Title	Date
David Matson Digitally signed by David Matson Date: 2024.08.21 13:02:23 -04'00'	**David Matson**	**Assistant Bureau Chief**	
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 Letter and Project Sketches

PERMIT APPLICANT / AUTHORIZED AGENT STATEMENT

Date: December 18, 2024

Miami Dade County Department of Regulatory and Economic Resources
Class I Permitting Program
701 NW 1st Court
Miami, FL 33136

Re: Class I Standard Form Permit Application Number CLI-2024-0312

By the attached Class I Standard Form permit application with supporting documents, I, Amanda Montgomery, am the authorized agent and hereby request permission to perform the work associated with Class I Permit Application CLI-2024-0312. 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,

_____

Amanda Montgomery, Authorized Agent

ENGINEER LETTER OF CERTIFICATION

Date: December 18, 2024

Miami-Dade County Department of Regulatory and Economic Resources
Class I Permitting Program
701 NW 1st Court
Miami, Florida 33136

RE: Class I Permit Application Number CLI-2024-0312

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 provisions 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,

Jeffrey R. Bergmann,PE
Director, Specialty Structures
WGI, Inc
2035 Vista Parkway
West Palm Beach, FL 33411
P.E. # 50159

JEFFREY R. BERGMANN
LICENSE
No. 50159
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY JEFFREY R. BERGMANN DIGITAL SIGNATURE PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

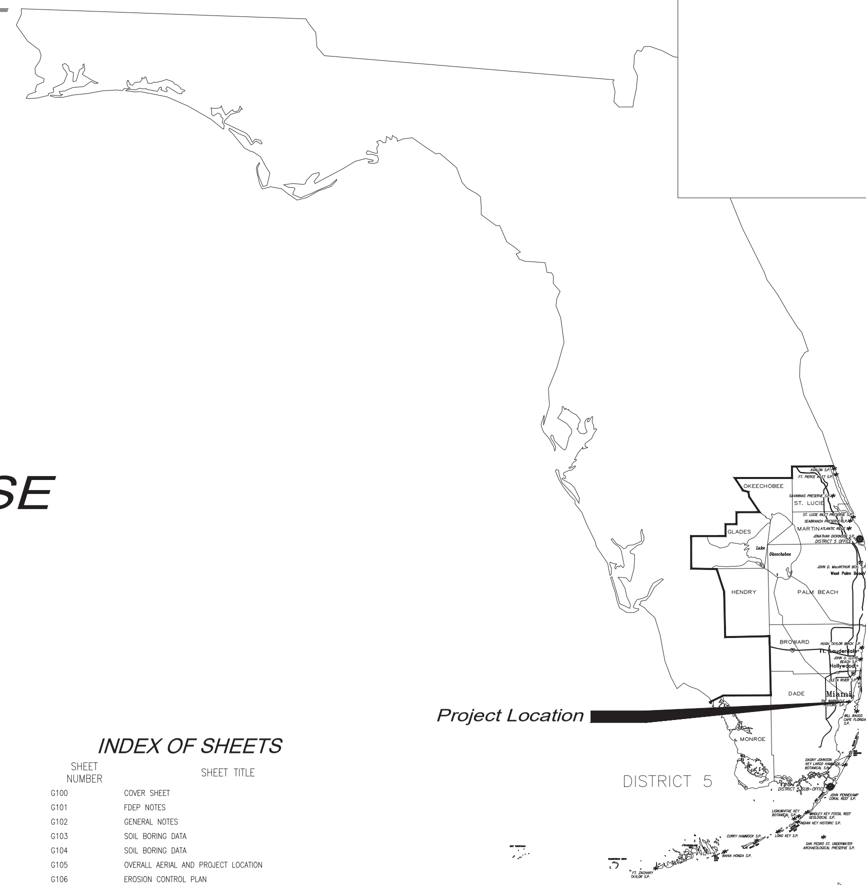
THE BARNACLE STATE PARK

DISTRICT 5

DADE COUNTY

DOCK AND BOATHOUSE IMPROVEMENTS

PROJECT # 6i508C



ABBREVIATIONS

A.F.F.	ABOVE FINISHED FLOOR
A.H.U.	AIR HANDLING UNIT
ALUM.	ALUMINUM
ALT.	ALTERNATE
APPROX.	APPROXIMATE
BD.	BOARD
BLDG.	BUILDING
BLK.	BLOCK
BLKG.	BLOCKING
BLT.	BUILT
BRK.	BRICK
BRKR.	BREAKER
BSMT.	BASEMENT
C.J.	CONTROL JOINT
CLG.	CEILING
CLR.	CLEAR
CMU	CONCRETE MASONRY UNIT
C.O.	CLEAN OUT
CONC.	CONCRETE
CU	COPPER
CU. FT.	CUBIC FOOT
CU. IN.	CUBIC INCH
CU. YD.	CUBIC YARD
DIA./Ø	DIAMETER
DBL	DOUBLE
DBT.	DRY-BULB TEMPERATURE
DEG.	DEGREE
DEPT.	DEPARTMENT
DF.	DRINKING FOUNTAIN
DISC.	DISCONNECT
DL	DEAD LOAD
DN.	DOWN
D.S.	DOWN SPOUT
DWG	DRAWING
E.F.	EXHAUST FAN
EXH	EXHAUST
EXP. JT.	EXPANSION JOINT
EXT.	EXTERIOR
FIN	FINISH
FL.	FLOOR
FLUOR.	FLUORESCENT
FP	FIREPLACE
FR	FIRE RATING
FT.	FOOT/FEET
FTG.	FOOTING
GALV.	GALVANIZED
GFI	GROUND FAULT CIRCUIT INTERRUPT
GOV'T.	GOVERNMENT
GR.FL.	GROUND FLOOR
GYP.	GYPSUM
H.C.	HOLLOW CORE
H.D.G.	HOT DIPPED GALVANIZED
HDR	HEADER
HDWR.	HARDWARE
H.P.	HORSEPOWER
HT.	HEIGHT
HTR	HEATER
HV.	HIGH VOLTAGE
HVAC.	HEATING, VENTILATING AND AIR CONDITIONING
HWY.	HIGHWAY
ID	INSIDE DIAMETER
IN	INCH
INCAND.	INCANDESCENT
INCL	INCLUDED
INSUL	INSULATION
INT.	INTERIOR
INV. EL.	INVERT ELEVATION
JST.	JOIST
KD	KILN DRIED
KW.	KILOWATT
KWH	KILOWATT HOUR
LAM.	LAMINATED
LAV.	LAVATORY
LB.	POUND
LTG.	LIGHTING
LGTH.	LENGTH
LIN.	LINEAR
LL	LIVE LOAD
MANUF.	MANUFACTURE
MAX.	MAXIMUM
MF.	MILL FINISH
MIN.	MINIMUM
MLDG.	MOLDING
MHW.	MEAN HIGH WATER
MHHW.	MEAN HIGHER HIGH WATER
MLW.	MEAN LOW WATER
MLLW.	MEAN LOWER LOW WATER
MSL	MEAN SEA LEVEL
MOD.	MODIFICATION
NTS.	NOT TO SCALE
NO./#.	NUMBER
OA.	OVERALL
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
OFC.	OFFICE
O/H	OVER HEAD
OPP.	OPPOSITE
PARTN.	PARTITION
PC.	PORTLAND CEMENT
PCF.	POUNDS PER CUBIC FOOT
P.E.	PROFESSIONAL ENGINEER
PERF.	PERFORATE
PERP.	PERPENDICULAR
PL.	PLATE
PLG.	PILING
PLYWD.	PLYWOOD
PNL	PANEL
PREFAB.	PREFABRICATED
PRELIM.	PRELIMINARY
PSF.	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
P.T.	PRESSURE TREATED
QS.	QUARTER SAWN
R	RADIUS
RCPT.	RECEPTACLE
REBAR	REINFORCING BAR
REFRIG.	REFRIGERATION
REINF.	REINFORCING
RFG.	ROOFING
RGH	ROUGH
RM	ROOM
R.O.	ROUGH OPENING
RS.	ROUGH SAWN
S.C.	SOLID CORE
SCH	SCHEDULE
SDG.	SIDING
SECT.	SECTION
SFTWD.	SOFTWOOD
SGD.	SLIDING GLASS DOOR
SH	SHINGLES
SPEC.	SPECIFICATION
SPR	SPRUCE
SQ.	SQUARE
SQ. FT.	SQUARE FOOT
SQ. IN.	SQUARE INCH
SQ. YD.	SQUARE YARD
SS.	STAINLESS STEEL
STL.	STEEL
SUB. FL.	SUBFLOOR
SUP.	SUPPLY
SW.	SWITCH
SYM.	SYMMETRICAL
S.Y.P.	SOUTHERN YELLOW PINE
SYS.	SYSTEM
S4S.	SURFACED FOUR SIDES
TEL.	TELEPHONE
T&G.	TONGUE-AND-GROOVE
TYP.	TYPICAL
U.E.	UNDERGROUND ELECTRIC
U.G.	UNDER GROUND
UL.	UNDERWRITERS LABORATORIES, INC.
V.	VOLT
VENT.	VENTILATOR
VERT.	VERTICAL
VIF.	VERIFY IN FIELD
VOL.	VOLUME
VP.	VENT PIPE
VTR.	VENT THRU ROOF
W.	WATER
WBT.	WET BULB TEMPERATURE
WC.	WATER CLOSET
WD.	WOOD
WP.	WATERPROOF
WWF.	WELDED WIRE FABRIC
YD.	YARD

REFERENCE LEGEND

G8 / A502 — SECTION IDENTIFICATION / SHEET NUMBER

G8 / A502 — DETAIL IDENTIFICATION / SHEET NUMBER

APPLICABLE CODES AND DESIGN DATA

CODE LIST

FLORIDA BUILDING CODE, BUILDING (FBC-B)............ 2017 EDITION
FDOT STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONST. .... LATEST EDITION
FDOT DESIGN STANDARDS............ LATEST EDITION
FLORIDA ACCESSIBILITY CODE............ 2014 EDITION

DESIGN DATA

CONSTRUCTION TYPE:	N/A	TOTAL BUILDING AREA PER FLOOR:	N/A
OCCUPANCY CLASS:	N/A	BUILDING HEIGHT/NUMBER OF STORIES:	N/A
OCCUPANT LOAD:	N/A	REQUIRED SPRINKLER OR ALARM SYSTEM:	YES / NO
TOTAL EXITS:	N/A	NUMBER OF BEDROOMS:	N/A
SQ FT ALTERED AREA	N/A	LEVEL OF ALTERATION:	N/A

DESIGN LOADS (FBC-B CHAPTER 16):
N/A – REHABILITATION

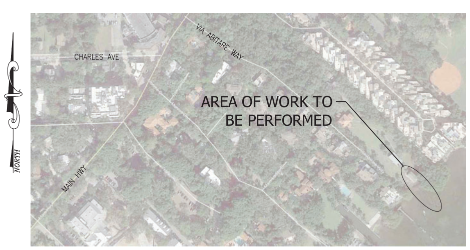
WIND LOADS (FBC-B SECTION 1609):
N/A – REHABILITATION

SCOPE OF PROJECT

THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, SUPERVISION AND PERMITTING TO REMOVE EXISTING PORCH SLAB ON GRADE, BOATHOUSE SIDEWALK/LANDING, EXISTING DOCK BEAMS/STRINGERS AND TWO WOOD DOCK PILES. PLACE NEW CONCRETE WALL, BACKFILL, SLAB ON GRADE/ADA SIDEWALK/LANDING AND NEW HISTORIC REPLICA WOOD DOCK (TO BE USED FOR INTERPRETIVE PURPOSES ONLY).

INDEX OF SHEETS

SHEET NUMBER	SHEET TITLE
G100	COVER SHEET
G101	FDEP NOTES
G102	GENERAL NOTES
G103	SOIL BORING DATA
G104	SOIL BORING DATA
G105	OVERALL AERIAL AND PROJECT LOCATION
G106	EROSION CONTROL PLAN
G107	EROSION CONTROL DETAILS
SD100	DEMOLITION PLAN
SD101	DEMOLITION PHOTOS
S100	STRUCTURAL SITE PLAN
S200	INTERPRETIVE PIER RECONSTRUCTION & IMPROVEMENT PLAN
S300	BOATHOUSE PORCH & SIDEWALK IMPROVEMENT PLAN
S301	FOOT PRINT COMPARISON PLAN
S400	TYPICAL DOCK DETAILS & SECTIONS
S401	TYPICAL DOCK DETAILS & SECTIONS
S402	TYPICAL DOCK DETAILS & SECTIONS
S403	TYPICAL BOATHOUSE DETAILS & SECTIONS
S404	TYPICAL SECTIONS
S405	TYPICAL SECTIONS



NORTH

LOCATION MAP

NTS

THE BARNACLE STATE PARK
DOCK AND BOATHOUSE IMPROVEMENTS

WGI
2035 Vista Parkway
West Palm Beach, FL 33411
Phone No. 561.687.2220
Fax No. 561.687.1110
Registry No. 33574
WGI PROJECT NO. 2412.10

JEFFREY R. BERGMANN LICENSE No. 50159 STATE OF FLORIDA PROFESSIONAL ENGINEER

THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY JEFFREY R. BERGMANN DIGITAL SIGNATURE PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

JEFFREY R. BERGMANN, P.E.
DESIGNER

CN229
FILE No.

APRIL 2023
INITIAL ISSUE DATE

PERMIT SET

Florida Department of Environmental Protection

Division of Recreation and Parks   Bureau of Design and Construction

Nicole Swanteson \\wgi.com\data\Projects\Structures\2019-Jobs\2412.10 FDEP Barnacle House Coral Gables\CAD\G100_MM-DD-YY_61508C_F.dwg ---- Plotted: 4/20/2023 11:11:45 AM Saved: 4/20/2023 11:10:13 AM

MDC011

DESIGN CODE:

REPAIR DESIGN IN ACCORDANCE WITH FLORIDA BUILDING CODE 2017 (FBC)

GENERAL NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR AND SHALL VERIFY AND COORDINATE ALL DIMENSIONS AND DETAILS BEFORE PROCEEDING WITH WORK. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE COMMENCING WORK.
2. CONTRACTOR SHALL FULLY BRACE AND OTHERWISE PROTECT THE STRUCTURE THROUGHOUT CONSTRUCTION UNTIL ALL REPAIRS ARE COMPLETED.
3. WORKING HOURS ARE: MONDAY–SUNDAY DURING DAYLIGHT HOURS.
4. THE CONTRACTOR IS RESPONSIBLE FOR INSPECTING AND ACCEPTING THE EXISTING CONDITIONS OF THE SITE PRIOR TO BIDDING.
5. ALL DISTURBED AREAS WITHIN THE LIMITS OF RESTORATION SHALL BE RE–VEGETATED AS SPECIFIED BY THE PARK SERVICE BIOLOGIST.
6. EXISTING UNDERGROUND UTILITIES SHOWN ARE BASED ON THE BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL ENSURE THAT THE UTILITY SYSTEMS DO NOT CONFLICT WITH THE PROPOSED PROJECT. CONFLICTS SHALL BE REPORTED TO THE PROJECT MANAGER IMMEDIATELY.
7. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES. REMOVAL AND/OR RELOCATION OF EXISTING UTILITIES IN CONFLICT WITH THE WORK, CONSTRUCTION OF TEMPORARY UTILITIES IN THE EVENT THAT EXISTING UTILITY SERVICE MUST BE INTERRUPTED AND ANY OTHER CONSTRUCTION RELATED ACTIVITIES THAT MAY AFFECT EXISTING OR PROPOSED UTILITIES. THE INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES IS BASED ON INFORMATION PROVIDED BY THE UTILITY OWNERS, AVAILABLE RECORDS, AND SURVEYED FIELD INFORMATION. THE INFORMATION MAY NOT REFLECT ACTUAL CONDITIONS, INCLUDE ALL UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED, OR SHOW THE UTILITIES IN THE CORRECT HORIZONTAL OR VERTICAL LOCATIONS. THE CONTRACTOR WILL MAKE HIS OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UTILITIES AS NECESSARY TO ESTABLISH THEIR LOCATIONS AND AVOID DAMAGE.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING ALL GRADE STAKES, LINES AND LEVELS.
9. THE CONTRACTOR SHALL SOLID SOD ALL DISTURBED AREAS UNLESS OTHERWISE SPECIFIED OR SHOWN.
10. NO SEPARATE PAYMENT WILL BE MADE FOR DEWATERING. THE COSTS FOR DEWATERING ARE INCLUDED IN THE UNIT PRICES FOR CONSTRUCTING THIS PROJECT.
11. ALL AREAS, STREETS, DRIVEWAYS, PARKING LOTS, ETC. DISTURBED BY CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL OR BETTER CONDITION.
12. THE CONTRACTOR WILL HAVE ALL REQUIRED PERMITS IN–HAND PRIOR TO BEGINNING CONSTRUCTION, AND WILL PERFORM ALL WORK IN ACCORDANCE WITH THE REQUIREMENTS OF THE PERMITS OBTAINED BY THE OWNER AND THOSE PERMITS OBTAINED BY THE CONTRACTOR.
13. PRIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR WILL SUBMIT TO THE OWNER'S PROJECT MANAGER A SCHEDULE OF VALUES, A CONSTRUCTION SCHEDULE, A SAFETY PLAN AND E–VERIFICATION.
14. THE CONSTRUCTION SCHEDULE WILL DESCRIBE IN DETAIL HOW THE CONSTRUCTION IS TO BE PHASED, ESTABLISH START AND FINISH DATES FOR ALL SIGNIFICANT CONSTRUCTION ACTIVITIES, AND IDENTIFY ALL CONTROLLING ITEMS OF WORK. THE SCHEDULE IS TO BE APPROVED BY THE OWNER'S PROJECT MANAGER, AND WILL BE UPDATED ON A MONTHLY BASIS TO REFLECT ACTUAL WORK PROGRESS. PAYMENT FOR PREPARING, UPDATING AND SUBMITTING THE SCHEDULE WILL BE INCLUDED IN THE PAY ITEM FOR MOBILIZATION OR OTHER PAY ITEMS AS APPROPRIATE.
15. THE CONTRACTOR SHALL SUBMIT AN EROSION CONTROL PLAN FOR APPROVAL BY THE OWNER'S PROJECT MANAGER AND WILL ADDRESS THE INSTALLATION AND MAINTENANCE OF ALL TEMPORARY AND PERMANENT SEDIMENT AND EROSION CONTROL DEVICES TO BE USED DURING EACH PHASE OF CONSTRUCTION, INCLUDING TREE REMOVAL, CLEARING AND GRUBBING, EXCAVATION, HAULING OF EXCAVATED MATERIALS, AND PLACEMENT OF EMBANKMENT AND BACKFILL. THE PLAN ALSO WILL DETAIL THE EROSION CONTROL MEASURES TO BE EMPLOYED AT ALL STOCKPILE AND CONSTRUCTION STAGING AREAS AND WILL DEFINE THE MAXIMUM LIMITS OF ALL ACTIVE CONSTRUCTION ZONES.
16. ANY NATIONAL GEODETIC SURVEY MONUMENT WITHIN THE LIMITS OF CONSTRUCTION MUST BE PROTECTED. IF IN DANGER OF DAMAGE, THE CONTRACTOR WILL IMMEDIATELY NOTIFY THE PROJECT MANAGER AND:

    FDEP, BUREAU OF SURVEY AND MAPPING, MS 105
    3900 COMMONWEALTH BLVD.
    TALLAHASSEE, FLORIDA 32399
    (850) 245–2606 (OFFICE)
    (850) 245–2645 (FAX)

17. PRIOR TO ANY SCHEDULED INTERRUPTION OF UTILITY SERVICE, THE CONTRACTOR WILL COORDINATE SUCH INTERRUPTION WITH THE UTILITY PROVIDER AND WILL PROVIDE A MINIMUM 24–HOUR NOTICE TO THE AFFECTED PARTIES. THE CONTRACTOR WILL NOTIFY THE ELECTRIC UTILITY A MINIMUM OF TWO WEEKS PRIOR TO CONSTRUCTION IN THE VICINITY OF THEIR FACILITIES.
18. NO TRENCHES WILL BE ALLOWED TO REMAIN OPEN OVERNIGHT.
19. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF VEGETATION ON AND ADJACENT TO THE PROJECT SITE, AND WILL BE SOLELY LIABLE FOR DAMAGE TO VEGETATION ON PROPERTIES ADJACENT TO CONSTRUCTION WORK ZONES. ALL TREES WITHIN THE LIMITS OF CONSTRUCTION ARE TO BE PROTECTED EXCEPT THOSE TREES IDENTIFIED ON THE PLANS TO BE REMOVED. ALL TREES OUTSIDE THE CONSTRUCTION WORK ZONE ARE TO BE PROTECTED TO THE MAXIMUM EXTENT PRACTICABLE. TREE BARRICADES WILL BE INSTALLED AND MAINTAINED AROUND ALL TREES TO BE PROTECTED AS SHOWN ON THE DRAWINGS OR AS DIRECTED BY THE PROJECT MANAGER.
20. THE CONTRACTOR IS RESPONSIBLE TO PLACE AND MAINTAIN ROADSIDE WARNING SIGNS WHEN WORK IS BEING CONDUCTED IN THE PROPERTY RIGHT OF WAY OR WHEN MACHINERY IS ENTERING AND LEAVING THE PROJECT SITE.
21. THE CONTRACTOR IS RESPONSIBLE FOR DISPOSAL OF EXCAVATED MATERIAL OFF–SITE UNLESS OTHERWISE DIRECTED BY THE PROJECT MANAGER.

STRUCTURAL STEEL:

1. ALL STEEL PLATES, BRACKETS, SUPPORTS, SPLICES AND CONNECTORS SHALL BE TYPE 316 STAINLESS STEEL.

ENVIRONMENTAL NOTES:

1. THE CONTRACTOR SHALL SUBMIT AN EROSION CONTROL PLAN IN ACCORDANCE WITH SECTION 104 OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. THE PLAN SHALL INCLUDE, BUT NOT BE LIMITED TO, MEASURES TO CONTROL TURBIDITY, CONTAINMENT AND DISPOSAL OF CONSTRUCTION DEBRIS, AND A SPILL CONTROL REPORTING PLAN.
2. IF SUSPECT CONTAMINATED OR HAZARDOUS MATERIAL IS FOUND ON THE PROJECT OR ENCOUNTERED DURING CONSTRUCTION THE CONTRACTOR SHALL CEASE OPERATION IN THAT AREA. IMMEDIATELY NOTIFY FDEP AND THE PROJECT ENGINEER AND PROTECT THE IMMEDIATE AREA OF SUSPECT CONTAMINATED OR HAZARDOUS MATERIAL FROM FURTHER ACCESS. CONSTRUCTION COORDINATION WILL ARRANGE FOR THE INVESTIGATION, IDENTIFICATION AND/OR REMOVAL/REMEDIATION OF THE MATERIAL IN QUESTION AS NEEDED.
3. THE CONTRACTOR SHALL NOT BRING ANY HAZARDOUS MATERIALS ONTO THE PROJECT. SHOULD THE CONTRACTOR REQUIRE SUCH FOR PERFORMING THE CONTRACTED WORK, THE CONTRACTOR SHALL REQUEST WRITTEN PERMISSION FROM FDEP AND THE PROJECT ENGINEER. THE CONTRACTOR SHALL PROVIDE A COPY OF THE REQUEST TO THE FDEP AND THE PROJECT ENGINEER. THE CONTRACTOR SHALL PROVIDE THE FDEP AND THE PROJECT ENGINEER WITH A COPY OF THE MATERIAL SAFETY DATA SHEET (MSDS) FOR EACH HAZARDOUS MATERIAL PROPOSED FOR USE, AND PROVIDE A DESCRIPTION OF THE SPECIFIC MANNER IN WHICH THE MATERIAL WILL BE USED. THE PROJECT ENGINEER SHALL COORDINATE WITH THE FDEP PRIOR TO ISSUING WRITTEN APPROVAL TO THE CONTRACTOR. BECAUSE STATE LAW DOES NOT TREAT PETROLEUM PRODUCTS THAT ARE PROPERLY CONTAINERIZED AS HAZARDOUS MATERIALS, SUCH PRODUCTS DO NOT REQUIRE AN MSDS SUBMITTAL. ALL BULK PETROLEUM PRODUCTS STORED ON SITE SHALL REQUIRE PROPER STORAGE WHICH INCLUDES SECONDARY CONTAINMENT.
4. THE CONTRACTOR SHALL INSTRUCT ALL PERSONNEL OF THE POTENTIAL PRESENCE OF PROTECTED MAMMALS, REPTILES AND BIRDS. THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL AND STATE REQUIREMENTS AND CHAPTER 7–1.4 OF THE FDOT STANDARD SPECIFICATIONS FOR PROTECTED SPECIES.
5. SPECIFIC REQUIREMENTS FOR UNEXPECTED INTERACTION WITH CERTAIN PROTECTED SPECIES DURING WORK ACTIVITIES MAY BE FOUND AT: http://www.dot.state.fl.us/programmanagement/Implemented/URLinSpecs/files/endangeredwildlifeguidelines.pdf
6. THE CONTRACTOR SHALL LEGALLY DISPOSE OF SPOILS OFF SITE AND NOT IN THE ADJACENT WATER BODIES.
7. MANGROVES ARE PROTECTED UNDER THE 1996 MANGROVE TRIMMING AND PRESERVATION ACT. NO IMPACTS (TRIMMING/ALTERATION/REMOVAL)TO MANGROVES ARE PERMITTED WITHOUT FIRST OBTAINING A SEPARATE AUTHORIZATION FROM MIAMI–DADE DERM.
8. A BARGE IS NOT PERMITTED TO BE USED AT ANY POINT BEFORE, DURING OR AFTER CONSTRUCTION.

EROSION CONTROL NOTES:

1. ALL EROSION AND SEDIMENTATION CONTROLS SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES.
2. ALL EROSION AND SEDIMENTATION CONTROLS SHALL BE INSPECTED DAILY AND REPAIRS MADE AS NECESSARY TO ENSURE THE PROPER AND CONTINUED FUNCTION OF THE CONTROL(S).
3. ALL EROSION AND SEDIMENTATION CONTROL SHALL REMAIN IN PLACE UNTIL A PERMANENT VEGETATIVE COVER HAS BEEN ESTABLISHED.
4. UNDER NO CIRCUMSTANCES SHALL SEDIMENTS BE PERMITTED TO EXIT THE PROJECT LIMITS, INCLUDING TRACKING BY VEHICLES ONTO PAVED ROADWAYS. THE CONTRACTOR SHALL MAKE IMMEDIATE REPAIRS OR ENHANCEMENTS TO ANY EROSION CONTROL SYSTEM THAT ALLOWS THE RELEASE OF SEDIMENTS.
5. BISCAYNE BAT AQUATIC PRESERVE IS AN OUTSTANDING FLORIDA WATER. TURBIDITY SHALL NOT EXCEED 0 NTUs ABOVE BACKGROUND.
6. FLOATING TURBIDITY BARRIER SHALL BE INSTALLED IN AREAS DEVOID OF SEAGRASS.

MANUFACTURER'S REFERENCES AND SUBSTITUTIONS:

1. REFERENCE TO A PARTICULAR MANUFACTURER, TRADE NAME, OR CATALOG NUMBER ESTABLISHES THE QUALITY STANDARDS OF MATERIAL AND EQUIPMENT REQUIRED FOR THIS INSTALLATION IN ACCORDANCE WITH THE FDOT QUALIFIED PRODUCTS LIST, ETC. AND IS NOT INTENDED TO EXCLUDE OR SOLE–SOURCE PRODUCTS EQUAL/EQUIVALENT/SIMILAR IN QUALITY AND DESIGN. WHENEVER THE PLANS SPECIFY A PROPRIETARY PRODUCT, MATERIAL, EQUIPMENT, ETC. AND THE TERM "OR APPROVED EQUAL" IS NOT USED, "OR APPROVED EQUAL" SHALL BE IMPLIED.
2. EQUIVALENT PRODUCTS, MATERIALS, EQUIPMENT, ETC. MAY BE SUBMITTED BY THE CONTRACTOR TO THE ENGINEER FOR REVIEW AND APPROVAL AT THE TIME OF CONSTRUCTION (IE: AFTER THE BID), PROVIDED THAT THE CHANGE IS AT NO ADDITIONAL COST TO THE OWNER. ALL STRUCTURAL, ETC. DETAILS SHALL BE REVISED BY THE CONTRACTOR AS REQUIRED TO SUIT THE CERTIFIED DIMENSIONS, SPECIFICATIONS, ETC. OF THE COMPONENTS ACTUALLY BEING FURNISHED AS A RESULT OF A SUBSTITUTION APPROVED BY THE ENGINEER.

NOTE:
ELEVATIONS SHOWN HEREON ARE BASED ON NAVD '88 DATUM.
TO CONVERT TO NGVD '29 ADD 1.549' TO THE NAVD VALUE.

SYMBOL	REVISION	DATE	SYMBOL	REVISION	DATE
A			C		
B			D		

ISSUE DATE:
COMP. FILE No.:
STATE PROJECT No.: 61508C

DESIGNER : JRB
DRAWN BY: DAM
REVIEWED BY: CBL

Consultant :
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2035 Vista Parkway
West Palm Beach, FL 33411
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Registry No. 33574
WGI PROJECT NO. 2412.10

Department of Environmental Protection
Division of Recreation and Parks
Bureau of Design and Construction
3800 Commonwealth Blvd., Tallahassee, FL 32399 (850) 245–2157

PROFESSIONAL REGISTRATION
JEFFREY R. BERGMANN, PE
50159

JEFFREY R. BERGMANN LICENSE No. 50159 STATE OF FLORIDA PROFESSIONAL ENGINEER

THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY JEFFREY R. BERGMANN DIGITAL SIGNATURE PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

PERMIT SET

THE BARNACLE STATE PARK

SHEET TITLE
FDEP NOTES

PROJECT TITLE
DOCK AND BOATHOUSE IMPROVEMENTS

SHEET NO.
G101

Nicole Swanteson \\wgi.com\data\Projects\Structures\2019-Jobs\2412.10 FDEP Barnacle House Coral Gables\CAD\G101_MM-DD-YY_61508C_F.dwg adobe pdf 24x36 Plotted: 4/20/2023 11:11:45 AM Saved: 4/20/2023 10:41:34 AM

DESIGN CRITERIA

DESIGNED IN ACCORDANCE WITH FLORIDA BUILDING CODE 2017 (FBC)

WIND DESIGN IN ACCORDANCE WITH ASCE 7-10:

- VELOCITY $_{ULT}$= 175 MPH (3 SEC.)
- VELOCITY $_{ASD}$= 136 MPH (3 SEC.)
- RISK CATEGORY II
- EXPOSURE = D
- GCPI = +/- 0.18
- Q_Z = 38.9 PSF (SERVICE)

SEISMIC DESIGN DATA:

- RISK CATEGORY II
- I_S = 1.0
- S_S = 0.041
- S_1 = 0.02
- SITE CLASS = D
- S_{DS} = 0.044
- S_{D1} = 0.032
- SEISMIC DESIGN CATEGORY = A
- R = 5
- C_s = 0.008
- V = 0.008W

SLAB LOAD = 100 PSF
DOCK LOAD = 40 PSF
GROUND SNOW LOAD = 0 PSF

ELEVATION DATA:

1. ALL ELEVATIONS SHOW REFER TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

DIVISION 1: GENERAL CONDITION

1. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH JOB SPECIFICATIONS AND ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND SITE DRAWINGS. CONSULT THESE DRAWINGS FOR SLEEVES, DEPRESSIONS, AND OTHER DETAILS NOT SHOWN ON STRUCTURAL DRAWINGS.
2. ALL DIMENSIONS AND CONDITIONS MUST BE VERIFIED IN THE FIELD. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK.
3. THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE AFTER THE BUILDING IS COMPLETE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCE TO ENSURE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING ERECTION. THIS INCLUDES THE ADDITION OF NECESSARY SHORING, SHEETING, TEMPORARY BRACING, GUYS OR TIE DOWNS.
4. CONTRACTOR SHALL PROVIDE TEMPORARY SUPPORTS FOR ALL COVERED PORCH COLUMNS AND BEAMS AS NEEDED THROUGHOUT DEMOLITION AND NEW CONSTRUCTION.
5. ALL WORK SHALL BE DONE IN ACCORDANCE WITH ALL PERTINENT LOCAL, STATE, AND FEDERAL BUILDING REGULATIONS.

SHOP DRAWINGS:

1. THE ENGINEER'S REVIEW IS ONLY FOR CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS TO BE CONFIRMED AND CORRELATED AT THE SITE; FOR INFORMATION THAT PERTAINS SOLELY TO THE FABRICATION, PROCESSES, OR TO THE MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES OF CONSTRUCTION; AND FOR COORDINATION OF THE WORK OF ALL TRADES. THE ENGINEER'S APPROVAL OF A SPECIFIC ITEM SHALL NOT INCLUDE APPROVAL OF AN ASSEMBLY OF WHICH THE ITEM IS A COMPONENT.

DIVISION 2: SITE WORK

INSPECTIONS:

1. ALL SUB-GRADE SOIL COMPACTION AND WELDED/BOLTED STEEL CONNECTIONS SHALL BE INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2017.

FOUNDATION:

1. INDIVIDUAL FOOTING AREAS AND SLAB ON GRADES SHALL BE EXCAVATED, FORMED AND CONCRETED IN THE DRY. THE EXCAVATION BOTTOMS SHALL BE DENSIFIED (TAMPED) WITH A WALK-BEHIND TYPE COMPACTOR PRIOR TO PLACEMENT OF REINFORCING STEEL. THE COMPACTIVE EFFORTS SHALL ACHIEVE A MINIMUM OF 95 PERCENT OF THE ASTM D 1557 MAXIMUM DRY DENSITY TO A DEPTH OF 12 INCHES BELOW THE FOOTING SUBGRADE SURFACE. ANY SOFT, COMPRESSIBLE OR OTHERWISE UNSUITABLE SOILS THAT ARE FOUND AT OR BENEATH THE FOOTING BOTTOMS SHALL BE REMOVED AND REPLACED WITH STRUCTURAL BACKFILL.
2. CENTERLINES OF WALLS AND COLUMNS SHALL COINCIDE WITH THE FOUNDATION CENTERLINES, UNLESS SPECIFICALLY SHOWN OTHERWISE.
3. SLAB ON GRADE CONTRACTION JOINTS SHALL BE TOOLED OR SAW-CUT (WITHIN 6 HOURS OF POURING) JOINT PATTERN SHALL BE APPROXIMATELY SQUARE WITH NO DIMENSION EXCEEDING 35 FEET IN ANY DIRECTION AND SHALL INTERSECT AT ALL COLUMN LOCATIONS PROVIDE DIAMOND PATTERN AROUND ALL COLUMNS - TYPICAL.

CLEARING AND GRUBBING:

1. CLEARING AND GRUBBING SHALL BE PERFORMED WITHIN THE LIMITS OF THE PROJECT WORK IN ACCORDANCE WITH SECTION 110, FDOT SPECIFICATIONS, FOR "STANDARD CLEARING AND GRUBBING," DEFINED IN PARAGRAPHS 110-2 AND 110-3. THIS ITEM OF WORK SHALL INCLUDE, BUT IS NOT LIMITED TO, THE COMPLETE REMOVAL AND DISPOSAL OF ALL TREES, BRUSH, STUMPS, ROOTS, GRASS, WEEDS, RUBBISH AND ALL OTHER OBSTRUCTIONS TO A DEPTH OF 18 INCHES BELOW NATURAL GROUND OR DESIGN GRADE WHICHEVER IS LOWER THE AREAS TO BE CLEARED AND GRUBBED GENERALLY CONSIST OF THE RIGHTS-OF-WAYS, DRAINAGE & UTILITY EASEMENTS AND SELECTED LOTS. HOWEVER, IT SHALL BE NOTED THAT PRIOR TO THE REMOVAL OF ANY TREES FROM THE LOTS, THE CONTRACTOR SHALL CONFIRM THEIR REMOVAL WITH THE OWNER.
2. ALL MATERIAL SHALL BE REMOVED FROM THE SITE OF THE PROJECT, AND SHALL BE DISPOSED OF IN ACCORDANCE WITH ALL LOCAL, REGIONAL, STATE AND FEDERAL LAWS, REGULATIONS OR ORDINANCES. MATERIAL MAY BE BURNED UPON RECEIVING ALL REQUIRED PERMITS. ANY UNBURNED REMAINS SHALL BE LEGALLY DISPOSED OF.
3. MANGROVES ARE A PROTECTED RESOURCE. ALL MANGROVE TRIMMING AND/OR ALTERATION SHALL BE CONDUCTED IN ACCORDANCE WITH THE 1996 MANGROVE TRIMMING AND PRESERVATION ACT. NO MANGROVES SHALL BE REMOVED FROM THE SITE. MANGROVES MAY BE TRIMMED ONCE AUTHORIZED BY DERM.

HELICAL PILES:

1. HELICAL PILES TO BE A. B. CHANCE RS3500.3 WITH 8 INCH DIAMETER, 10 INCH DIAMETER AND 12 INCH DIAMETER HELICES.
2. PILES SHALL BE INSTALLED TO PROVIDE A MINIMUM SERVICE AXIAL COMPRESSIVE CAPACITY OF 40 KIP AND SERVICE TENSILE CAPACITY OF 20 KIP. MINIMUM INSTALLATION TORQUE SHALL NE 8,500 FT-LB. ESTIMATED EMBEDMENT = +/- 30 FEET.
3. PILE SHAFT TO BE GROUTED SOLID.
4. TOP OF THE HELICAL PILE TO HAVE A CHANCE CONSTRUCTION BRACKET WITH FOUR 5/8 INCH Ø NELSON STUDS x 4 INCHES LONG.
5. MINIMUM EMBEDMENT LENGTH OF BASE PLATE BRACKET SHALL BE 6 INCHES MIN. ABOVE BOTTOM OF PILE CAP.

DIVISION 3: CONCRETE

CONCRETE NOTES:

1. NORMAL WEIGHT CONCRETE (145 PCF) 28 DAY COMPRESSIVE STRENGTH: FOUNDATIONS, SLAB AND WALLS = 5,000 PSI.
2. MAXIMUM WATER TO CEMENT RATIO = 0.40.
3. REINFORCEMENT SHALL BE ASTM A615 GRADE 60.
4. MINIMUM CONCRETE COVER SHALL BE: (INCHES)

	(INCHES)
SLAB:	2
EXPOSED UNPROTECTED CONCRETE:	4
FORMED CONCRETE BELOW GRADE:	4
UNFORMED CONCRETE BELOW GRADE:	4

5. CONCRETE CONSTRUCTION TECHNIQUES SHALL CONFORM TO THE "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS" (ACI 301-05).
6. REINFORCING STEEL IN FOOTINGS SHALL BE ASSEMBLED AS MATS WITH BARS EQUALLY SPACED AND WIRED TOGETHER AT EACH INTERSECTION BEFORE CONCRETE IS PLACED.
7. CENTER ALL FOOTINGS ON WALL OR COLUMN ABOVE UNLESS OTHERWISE INDICATED.
8. FOOTING ELEVATIONS ARE TO TOP OF FOOTING (T.F.) AND SLAB ELEVATIONS ARE TO TOP OF SLABS (T.S.)
9. DOWEL WALL REINFORCING TO FOOTING OR PILE CAP WITH SAME SIZE AND NUMBER OF DOWELS AS VERTICAL BARS ABOVE.

NOTE:
ELEVATIONS SHOWN HEREON ARE BASED ON NAVD '88 DATUM. TO CONVERT TO NGVD '29 ADD 1.549' TO THE NAVD VALUE.

FORMWORK AND SHORING:

1. NO-STRUCTURAL CONCRETE SHALL BE STRIPPED UNTIL IT HAS REACHED AT LEAST TWO-THIRDS OF THE 28 DAY DESIGN STRENGTH. DESIGN, ERECTION AND REMOVAL OF ALL FORMWORK, SHORES AND RE-SHORES SHALL MEET THE REQUIREMENTS SET FORTH IN ACI STANDARDS 347 AND 301.

STRUCTURAL STEEL NOTES:

1. STRUCTURAL STEEL CONSTRUCTION SHALL CONFORM TO THE AISC "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS."
2. SHOP DRAWINGS SHALL BE PREPARED UNDER THE SUPERVISION OF A REGISTERED PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF FLORIDA, INCLUDING COMPLETE DETAILS AND SCHEDULES FOR FABRICATION AND ASSEMBLY OF STRUCTURAL STEEL MEMBERS WITH PROCEDURES AND DIAGRAMS.
3. BOLTED CONNECTIONS SHALL BE BEARING-TYPE CONNECTIONS UNLESS OTHERWISE NOTED.
4. SHOP CONNECTIONS SHALL BE WELDED OR BOLTED. FIELD CONNECTIONS SHALL BE BOLTED EXCEPT AS NOTED.
5. CONNECTIONS NOT SHOWN SHALL BE DESIGNED IN ACCORDANCE WITH THE AISC "MANUAL OF STEEL CONSTRUCTION."
6. BOLT INSTALLATION SHALL BE DONE BY TURN-OF-NUT METHOD UNLESS OTHERWISE APPROVED BY THE ENGINEER.

DIVISION 5: METALS CONTINUED

STEEL:

1. STRUCTURAL STEEL WORK SHALL CONFORM TO 2006 IBC 2205, AISC 341-05, AISC 358-05, AND AISC 360-05.
2. STRUCTURAL SHAPES

W:	F_Y = 36 KSI (ASTM A992)
M,S,C,MC AND L:	F_Y = 30 KSI 316 STAINLESS STEEL (ASTM F593 GR. 30)
HP:	F_Y = 50 KSI (ASTM A572 GR. 50)
HSS RECTANGULAR:	F_Y = 46 KSI (ASTM A500 GR. B)
HSS ROUND:	F_Y = 42 KSI (ASTM A 500 GR. B)
PIPE:	F_Y = 30 KSI 316 STAINLESS STEEL (ASTM F593 GR. 30)

ALL STRUCTURAL STEEL SHALL BE PROPERLY PAINTED AND PRIMED PER MANUFACTURER'S REQUIREMENTS.

3. PLATES AND BARS: 316 STAINLESS STEEL AS NOTED.
4. STRUCTURAL FASTENERS
   HIGH-STRENGTH BOLTS: F_U = 105-150 KSI (ASTM A325-X, A490-X) - NO THREADS IN SHEAR PLANE
   HIGH-STRENGTH BOLTS SHALL BE FURNISHED WITH DIRECT TENSION INDICATOR WASHERS

COMMON BOLTS:	F_Y = 30 KSI 316 STAINLESS STEEL (ASTM F593 GR. 30)
NUTS:	F_Y = 30 KSI 316 STAINLESS STEEL (ASTM F593 GR. 30)
WASHERS:	F_Y = 30 KSI 316 STAINLESS STEEL (ASTM F593 GR. 30)
SHEAR STUDS:	F_U = 65 KSI (ASTM A108)
THREADED RODS:	F_Y = 30 KSI 316 STAINLESS STEEL (ASTM F593 GR. 30)
ANCHOR RODS:	F_Y = 30 KSI 316 STAINLESS STEEL (ASTM F593 GR. 30)

5. WELDING: F_U = 70 KSI
   WELDING WORK SHALL COMPLY WITH THE AMERICAN WELDING SOCIETY (AWS) "STRUCTURAL WELDING CODE," EXCLUDING ITEMS CONFLICTING WITH AISC REQUIREMENTS.

DIVISION 6: WOOD

ALL WOOD SHALL BE PRESSURE-TREATED.

TIMBER SPECIFICATIONS:

1. WOOD PRESERVATIVE AND RETENTION (PCF):
   STRINGERS, BLOCKING AND PILE CAP TIMBERS ACQ-B-D 0.6
   POSTS, RAILS, AND PICKETS ACQ-B-D 0.6
   SUBMIT PRESERVATIVE TREATMENT AND RETENTION FOR APPROVAL. PRESERVATIVES INCLUDED IN THE "SAWN PRODUCTS - UC4B" IN COMMODITY SPECIFICATION A AND IN TABLE 1 OF SECTION 4 IN THE AMERICAN WOOD PRODUCTION ASSOCIATION STANDARD U1-17 MAY BE SUBSTITUTED UPON CLIENT'S/OWNER'S APPROVAL.
2. SOUTHERN YELLOW PINE (SYP) GRADE NO. 1 DIMENSIONAL LUMBER.
3. LUMBER SIZES INDICATED ARE NOMINAL.
4. ALL SCREWS, NAILS, NUTS, BOLTS, WASHERS, AND FASTENERS TO BE TYPE 316 STAINLESS STEEL (SS) UNLESS NOTED OTHERWISE. SIMPSON HARDWARE TO USE TYPE 316 STAINLESS STEEL CONNECTORS AND FASTENERS. STAINLESS STEEL DECK SCREWS SHALL BE ALIGNED WITH CHALK SNAP LINE. DECKING SHALL BE PRE-DRILLED FOR A FLUSH SCREW SET. ALL ALUMINUM TO BE 6061-T6. ALL ALUMINUM IN CONTACT WITH CONCRETE AND WOOD SHALL BE COATED WITH BITUMASTIC EPOXY.
5. SOUTHERN YELLOW PINE GRADE NO. 1 STRINGERS AND PILE CAP TIMBERS TO BE WRAPPED IN GRACE VYCOR DECK PROTECTOR AT ALL POINTS OF CONTACT BETWEEN WOOD AND GALVANIZED CONNECTORS AND BENEATH DECKING.
6. CONTRACTOR SHALL SPACE DECKING WITH 20d NAIL (0.208").

LIST OF FREQUENTLY USED ABBREVIATIONS

AAMA	-	AMERICAN ARCHITECTURAL MANUFACTURERS ASSOCIATION
AASHTO	-	AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
AC.	-	ACRE
ACI	-	AMERICAN CONCRETE INSTITUTE
ACQ	-	ALKALINE COPPER QUATERNARY
AISC	-	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
ANSI	-	AMERICAN NATIONAL STANDARDS INSTITUTE
ASCE	-	AMERICAN SOCIETY OF CIVIL ENGINEERS
ASD	-	ALLOWABLE STRESS DESIGN
ASTM	-	AMERICAN SOCIETY FOR TESTING AND MATERIALS
AWS	-	AMERICAN WELDING SOCIETY
B/L, ℄	-	BASELINE
BOT	-	BOTTOM
BRG	-	BEARING
CA-A	-	COPPER AZOLE, TYPE A
CA-B	-	COPPER AZOLE, TYPE B
CAP	-	CORRUGATED ALUMINUM PIPE
CCA	-	CHROMATED COPPER ARSENATE
CE	-	CONTROL ELEVATION
CIP	-	CAST-IN-PLACE
C.J.	-	CONTROL JOINT
C/L, ℄	-	CENTERLINE
CLR	-	CLEAR
CMP	-	CORRUGATED METAL PIPE
CONST.	-	CONSTRUCT
CONT.	-	CONTINUOUS
CPP	-	CORRUGATED PLASTIC PIPE
CY	-	CUBIC YARD(S)
DERM	-	DEPARTMENT OF ENVIRONMENTAL RESOURCES MANAGEMENT
DFT	-	DRY FILM THICKNESS
DIA., Ø	-	DIAMETER
EB	-	END BENT
EF	-	EACH FACE
EL., ELEV.	-	ELEVATION
EMBED	-	EMBEDMENT
ES	-	EACH SIDE
EQ.	-	EQUAL
EX., EXIST.	-	EXISTING
EW	-	EACH WAY
FAC	-	FLORIDA ADMINISTRATIVE CODE
FBC	-	FLORIDA BUILDING CODE
FDOT	-	FLORIDA DEPARTMENT OF TRANSPORTATION
FIN. FL.	-	FINISH FLOOR
FT	-	FOOT
GR	-	GRADE
HDG	-	HOT-DIPPED GALVANIZED
INV	-	INVENTORY
KSI	-	KILOPOUNDS PER SQUARE INCH
LB(S)	-	POUND(S)
LF	-	LINEAR FEET
LT	-	LEFT
LRFD	-	LOAD RESISTANCE FACTOR DESIGN
INV.	-	MAXIMUM
MIN.	-	MINIMUM
NAVD '88	-	NORTH AMERICAN VERTICAL DATUM OF 1988
NGVD '29	-	NATIONAL GEODETIC VERTICAL DATUM OF 1929
NEC	-	NATIONAL ELECTRICAL CODE
NF	-	NEAR FACE
NFPA	-	NATIONAL FIRE PROTECTION ASSOCIATION
NTS	-	NOT TO SCALE
O.C.	-	ON CENTER
OCEW	-	ON CENTER EACH WAY
O.D.	-	OUTSIDE DIAMETER
OPR	-	OPERATING
PCF	-	POUNDS PER CUBIC FOOT
PCI	-	POUNDS PER CUBIC INCH
PL, ℘	-	PLATE
PSF	-	POUNDS PER SQUARE FOOT
PSI	-	POUNDS PER SQUARE INCH
RCP	-	REINFORCED CONCRETE PIPE
RDWY	-	ROADWAY
RT	-	RIGHT
R/W	-	RIGHT OF WAY
SEC.	-	SECONDS
SDWK	-	SIDEWALK
SF	-	SQUARE FEET
SFWMD	-	SOUTH FLORIDA WATER MANAGEMENT DISTRICT
SHW	-	SEASONAL HIGH WATER
SHLD	-	SHOULDER
SIM.	-	SIMILAR
SPA	-	SPACING, SPACES
SS	-	TYPE 316 STAINLESS STEEL
SYP	-	SOUTHERN YELLOW PINE
TSP	-	TECHNICAL SPECIAL PROVISION
TYP	-	TYPICAL
ULT	-	ULTIMATE
UON	-	UNLESS OTHERWISE NOTED
VAR	-	VARIES
W/	-	WITH

SYMBOL	REVISION	DATE	SYMBOL	REVISION	DATE
A			C		
B			D		

ISSUE DATE:
COMP. FILE No.:
STATE PROJECT No.: 61508C

DESIGNER : JRB
DRAWN BY: DAM
REVIEWED BY: CBL
Consultant :

2035 Vista Parkway
West Palm Beach, FL 33411
Phone No. 561.687.2220
Fax No. 561.687.1110
Registry No. 33574
WGI PROJECT NO. 2412.10

PROFESSIONAL REGISTRATION
JEFFREY R. BERGMANN, PE
50159
JEFFREY R. BERGMANN LICENSE No. 50159 STATE OF FLORIDA PROFESSIONAL ENGINEER

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Bureau of Design and Construction
3800 Commonwealth Blvd., Tallahassee, FL 32399 (850) 245-2157

PERMIT SET

THE BARNACLE STATE PARK

SHEET TITLE: GENERAL NOTES

PROJECT TITLE: DOCK AND BOATHOUSE IMPROVEMENTS

SHEET NO. G102

Nicole Swanteson \\wgi.com\data\Projects\Structures\2019-Jobs\2412.10 FDEP Barnacle House Coral Gables\CAD\G102_MM-DD-YY_61508C_F.dwg adobe pdf 24x36 Plotted: 4/20/2023 11:12:41 AM Saved: 3/27/2023 4:48:19 PM

BORING LOCATION PLAN

0 50'
PLAN SCALE

LEGEND

- APPROXIMATE LOCATION OF AUGER BORING
- APPROXIMATE LOCATION OF SPT BORING

NOTE:
ELEVATIONS SHOWN HEREON ARE BASED ON NAVD '88 DATUM.
TO CONVERT TO NGVD '29 ADD 1.549' TO THE NAVD VALUE.

DRAWN BY: SW	APPROVED BY: KHS	ENGINEER OF RECORD: KEVIN H. SCOTT, P.E. FLORIDA LICENSE NO.: 65514	TIERRA 7351 Temple Terrace Highway Tampa, Florida 33637 Phone: 813-989-1354 Fax: 813-989-1355 FL Cert. No.: 6486	SCALE: NOTED	PROJECT NUMBER: 6511-14-175-004	GEOTECHNICAL ENGINEERING SERVICES BARNACLE HISTORIC STATE PARK MIAMI-DADE COUNTY, FLORIDA	SHEET 1
CHECKED BY: JMN	DATE: MAY 2020						

PERMIT SET

THE BARNACLE STATE PARK

SHEET TITLE: SOIL BORING DATA

PROJECT TITLE: DOCK AND BOATHOUSE IMPROVEMENTS

SHEET NO. G103

PROFESSIONAL REGISTRATION JEFFREY R. BERGMANN, PE 50159

DESIGNER : JRB
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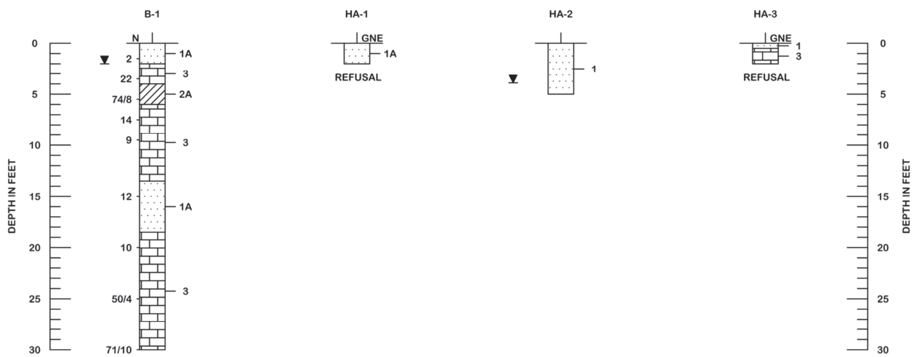
MDC014

SOIL PROFILES



LEGEND

1		LIGHT BROWN TO BROWN SAND TO SAND WITH SILT (SP/SP-SM)
2		ORANGE-BROWN SANDY CLAY TO CLAY (CL/CH)
3		CALCAREOUS CLAY TO WEATHERED LIMESTONE
		A - WITH LIMESTONE FRAGMENTS
▼		GROUNDWATER LEVEL ENCOUNTERED DURING INVESTIGATION
N		SPT N-VALUE IN BLOWS/FOOT FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED)
SP		UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D 2488) GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW
GNE		GROUNDWATER TABLE NOT ENCOUNTERED
50/4		NUMBER OF BLOWS FOR 4 INCHES OF PENETRATION
REFUSAL		BORING TERMINATED DUE TO HAND AUGER REFUSAL ON ROCK
NOTE:		SPT BORING PERFORMED UTILIZING AN AUTOMATIC HAMMER.

	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS-RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY LOOSE LOOSE MEDIUM DENSE DENSE VERY DENSE	LESS THAN 4 4 to 10 10 to 30 30 to 50 GREATER THAN 50	LESS THAN 3 3 to 8 8 to 24 24 to 40 GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY SOFT SOFT FIRM STIFF VERY STIFF HARD	LESS THAN 2 2 to 4 4 to 8 8 to 15 15 to 30 GREATER THAN 30	LESS THAN 1 1 to 3 3 to 6 6 to 12 12 to 24 GREATER THAN 24

DRAWN BY: SW
CHECKED BY: JMN
APPROVED BY: KHS
DATE: MAY 2020

ENGINEER OF RECORD:
KEVIN H. SCOTT, P.E.
FLORIDA LICENSE NO.: 65514

TIERRA
7351 Temple Terrace Highway
Tampa, Florida 33637
Phone: 813-989-1354 Fax: 813-989-1355
FL Cert. No.: 6486

SCALE: NOTED
PROJECT NUMBER: 6511-14-175-004

GEOTECHNICAL ENGINEERING SERVICES
BARNACLE HISTORIC STATE PARK
MIAMI-DADE COUNTY, FLORIDA

SHEET 2

NOTE:
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SHEET TITLE: SOIL BORING DATA
THE BARNACLE STATE PARK
PROJECT TITLE: DOCK AND BOATHOUSE IMPROVEMENTS
SHEET NO. G104

PROFESSIONAL REGISTRATION
JEFFREY R. BERGMANN, PE
50159

DESIGNER: JRB
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STATE PROJECT No.: 61508C

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Division of Recreation and Parks
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1 G105 **OVERALL AERIAL AND PROJECT LOCATION**

20 10 0 20
GRAPHIC SCALE IN FEET

NOTE:
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THE BARNACLE STATE PARK

SHEET TITLE: OVERALL AERIAL AND PROJECT LOCATION

PROJECT TITLE: DOCK AND BOATHOUSE IMPROVEMENTS

SHEET NO. G105

EROSION CONTROL PLAN

1 / G106

GRAPHIC SCALE IN FEET: 8 4 0 8

NOTE:
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SHEET TITLE: THE BARNACLE STATE PARK
EROSION CONTROL PLAN

PROJECT TITLE: DOCK AND BOATHOUSE IMPROVEMENTS

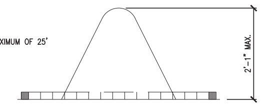
SHEET NO. G106

MDC017

EROSION CONTROL NOTES

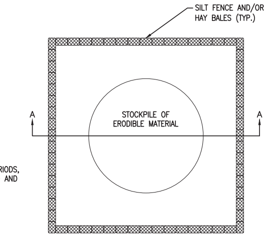
1. SEDIMENT BASINS AND TRAPS, PERIMETER DIKES, SEDIMENT BARRIERS AND OTHER MEASURES INTENDED TO TRAP SEDIMENT SHALL BE CONSTRUCTED AS A FIRST STEP IN ANY LAND DISTURBING ACTIVITY AND SHALL BE MADE FUNCTIONAL BEFORE UP-SLOPE LAND DISTURBANCE TAKES PLACE.
2. ALL SEDIMENT CONTROL MEASURES ARE TO BE ADJUSTED TO MEET FIELD CONDITIONS AT THE TIME OF CONSTRUCTION AND BE CONSTRUCTED PRIOR TO ANY GRADING OR DISTURBANCE OF EXISTING SURFACE MATERIAL ON BALANCE OF SITE. PERIMETER SEDIMENT BARRIERS SHALL BE CONSTRUCTED TO PREVENT SEDIMENT OR TRASH FROM FLOWING OR FLOATING ON TO ADJACENT PROPERTIES.
3. PERMANENT OR TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DENUDED AREAS WITHIN SEVEN DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE. TEMPORARY SOIL STABILIZATION SHALL BE APPLIED WITHIN SEVEN DAYS TO DENUDED AREAS THAT MAY NOT BE AT FINAL GRADE BUT WILL REMAIN UNDISTURBED FOR LONGER THAN 30 DAYS. PERMANENT STABILIZATION SHALL BE APPLIED TO AREAS THAT ARE TO BE LEFT UNDISTURBED FOR MORE THAN ONE YEAR.
4. DURING CONSTRUCTION OF THE PROJECT, SOIL STOCK PILES SHALL BE STABILIZED, COVERED OR CONTAINED WITH SEDIMENT TRAPPING MEASURES. THE APPLICANT IS RESPONSIBLE FOR THE TEMPORARY PROTECTION AND PERMANENT STABILIZATION OF ALL SOIL STOCKPILES ON SITE AS WELL AS SOIL INTENTIONALLY TRANSPORTED FROM THE PROJECT SITE.
5. A PERMANENT VEGETATIVE COVER SHALL BE ESTABLISHED ON DENUDED AREAS NOT OTHERWISE PERMANENTLY STABILIZED.
6. AFTER ANY SIGNIFICANT RAINFALL, SEDIMENT CONTROL STRUCTURES WILL BE INSPECTED FOR INTEGRITY. ANY DAMAGED DEVICES SHALL BE CORRECTED IMMEDIATELY.
7. CONCENTRATED RUNOFF SHALL NOT FLOW DOWN CUT OR FILL SLOPES UNLESS CONTAINED WITHIN AN ADEQUATE TEMPORARY OR PERMANENT CHANNEL, FLUME, SLOPE DRAIN STRUCTURE OR APPROVED CONTROL.
8. SEDIMENT WILL BE PREVENTED FROM ENTERING ANY STORM WATER SYSTEM, DITCH OR CHANNEL. ALL STORM WATER INLETS THAT ARE MADE OPERABLE DURING CONSTRUCTION SHALL BE PROTECTED SO THAT SEDIMENT-LADEN WATER CANNOT ENTER THE CONVEYANCE SYSTEM WITHOUT FIRST BEING FILTERED OR OTHERWISE TREATED TO REMOVE SEDIMENT.
9. WHEN WORK IN A LIVE WATERCOURSE IS PERFORMED, PRECAUTIONS SHALL BE TAKEN TO MINIMIZE ENCROACHMENT, CONTROL SEDIMENT TRANSPORT AND STABILIZE THE WORK AREA TO THE GREATEST EXTENT POSSIBLE DURING CONSTRUCTION.
10. PERIODIC INSPECTION AND MAINTENANCE OF ALL SEDIMENT CONTROL STRUCTURES MUST BE PROVIDED TO ENSURE INTENDED PURPOSE IS ACCOMPLISHED. THE DEVELOPER, OWNER AND/OR CONTRACTOR SHALL BE CONTINUALLY RESPONSIBLE FOR ALL SEDIMENT CONTROLS. SEDIMENT CONTROL MEASURES SHALL BE IN WORKING CONDITION AT THE END OF EACH WORKING DAY.
11. WHERE CONSTRUCTION VEHICLE ACCESS ROUTES INTERSECT PAVED PUBLIC ROADS, PROVISIONS SHALL BE MADE TO MINIMIZE THE TRANSPORT OF SEDIMENT BY TRACKING ONTO THE PAVED SURFACE. WHERE SEDIMENT IS TRANSPORTED ONTO A PUBLIC ROAD SURFACE WITH CURBS AND GUTTERS, THE ROAD SHALL BE CLEANED THOROUGHLY AT THE END OF EACH DAY. SEDIMENT SHALL BE REMOVED FROM THE ROADS BY SHOVELING OR SWEEPING AND TRANSPORTED TO A SEDIMENT CONTROL DISPOSAL AREA. STREET WASHING SHALL BE ALLOWED ONLY AFTER SEDIMENT IS REMOVED IN THIS MANNER. THIS PROVISION SHALL APPLY TO INDIVIDUAL SUBDIVISION LOTS AS WELL AS TO LARGER LAND DISTURBING ACTIVITIES.
12. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.
13. PROPERTIES AND WATERWAYS DOWNSTREAM FROM CONSTRUCTION SITES SHALL BE PROTECTED FROM SEDIMENT DEPOSITION AND EROSION AT ALL TIMES DURING CONSTRUCTION.
14. EROSION CONTROL DESIGN AND CONSTRUCTION SHALL FOLLOW THE REQUIREMENTS IN INDEX NUMBERS 101, 102 AND 103 OF FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS AND COUNTY PERMITS.
15. CONTRACTOR IS RESPONSIBLE FOR ALL SURFACE WATER DISCHARGES, RAINFALL RUN OFF OR DE-WATERING ACTIVITIES.
16. CONTRACTOR MUST INCORPORATE ALL BMP'S NECESSARY TO MEET OR EXCEED STATE WATER QUALITY AND SWPPP REQUIREMENTS.
17. THE POLLUTION PREVENTION PLAN IS A MINIMUM GUIDELINE ONLY. ADDITIONAL BMP'S MAY BE NECESSARY AT CONTRACTOR'S EXPENSE.
18. NOI TO BE POSTED ON SITE.
19. DE-WATERING ACTIVITIES:
    IF DE-WATERING IS REQUIRED CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY STATE AND COUNTY DE-WATERING PERMITS. THE DE-WATERING PLAN SHALL ADDRESS DE-WATERING HOLDING AREAS AND WATER QUALITY TREATMENT.
    A – DISCHARGE MUST NOT EXCEED STATE WATER QUALITY STANDARDS.
    B – CONTRACTOR MUST HAVE A TRANSFERABLE SFWMD CONSUMPTIVE USE PERMIT KNOWN AS A "NOTICED GENERAL PERMIT FOR SHORT TERM CONSTRUCTION DE-WATERING".
    C – NO HYDRAULIC PUMPS MAY BE USED FOR DE-WATERING UNLESS APPROVED BY THE WATER MANAGEMENT DISTRICT FOR THAT AREA.
    D – NO TURBID DISCHARGE. TURBIDITY READINGS ARE REQUIRED ONCE A WEEK AND MUST BE REPORTED TO THE PROJECT ENGINEER.

NOTE:
ALL STOCKPILES SHALL BE A MAXIMUM OF 25' HIGH.



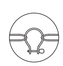
SECTION A–A

NOTE:
FOR STOCKPILING ERODIBLE MATERIAL FOR EXTENDED PERIODS, THE AREA SHALL BE SEEDED AND MULCHED.

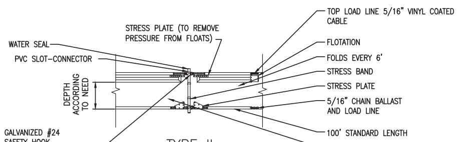


SEDIMENT CONTROL DETAIL FOR STOCKPILING OF ERODIBLE MATERIAL–N.T.S.

TYPE 2. DOT FOR HIGHER CURRENT WATERS (UP TO FIVE FEET PER SECOND): DEEPER LAKES, STREAMS, INTERCOASTAL AND TIDAL AREAS. INCLUDES AN ENCAPSULATED STEEL LOAD CABLE ALONG TOP OF BARRIER AND 8"x8"x4' FLOTATION LOGS. WEAR STRESS POINTS ARE REINFORCED WITH SHIELDS.



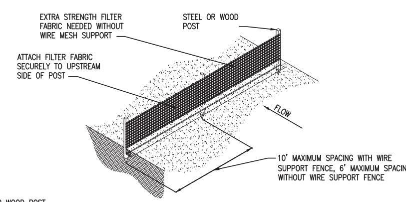
BLOW-UP OF SHACKLE CONNECTION

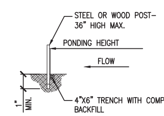


TYPE II

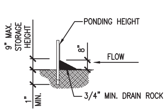
ORIENTATION WHEN INSTALLED (TIDAL SITUATION–TYPE III)–N.T.S.

NOTES:
1. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.
2. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY. 9" MAXIMUM RECOMMENDED STORAGE HEIGHT.
3. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.





TRENCH DETAIL



INSTALLATION WITHOUT TRENCHING

TYPE IV SILT FENCE–N.T.S.

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Consultant:

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2035 Vista Parkway
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PERMIT SET

THE BARNACLE STATE PARK

SHEET TITLE
EROSION CONTROL DETAILS

PROJECT TITLE
DOCK AND BOATHOUSE IMPROVEMENTS

SHEET NO.
G107

MDC018

NOTE:
1. CONTRACTOR SHALL PROVIDE TEMPORARY SUPPORT FOR ALL BALCONY COLUMNS.
2. FLOATING TURBIDITY BARRIER SHALL BE PROPERLY INSTALLED AT THE LIMITS OF CONSTRUCTION IN AREAS DEVOID OF MANGROVE ROOTS AND SEAGRASS BEDS.

1 SD100 **DEMOLITION PLAN**

4 2 0 4
GRAPHIC SCALE IN FEET

NOTE:
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SHEET TITLE
DEMOLITION PLAN

PROJECT TITLE
DOCK AND BOATHOUSE IMPROVEMENTS

SHEET NO.
SD100

MDC019

PHOTO SD101-1
EXISTING PORCH AND BALCONY COLUMNS

NOTE:
CONTRACTOR SHALL PROVIDE TEMPORARY SUPPORT FOR ALL BALCONY COLUMNS

PHOTO SD101-2
EXISTING SIDEWALK

PHOTO SD101-3
EXISTING DOCK PILES

NOTE:
EXISTING PILES SHOWN TO REMAIN

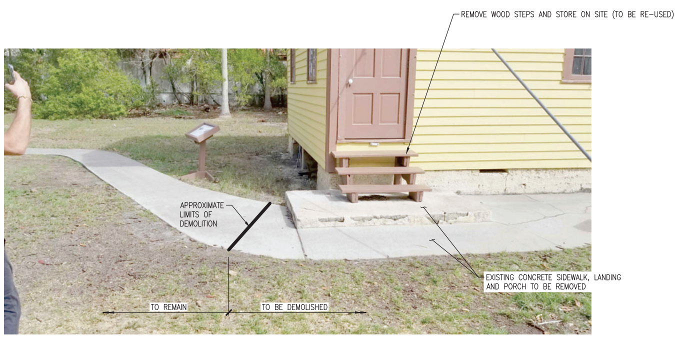

PHOTO SD101-4
EXISTING SIDEWALK AND LANDING

PHOTO SD101-5
EXISTING DOCK PILES AT PORCH

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Phone No. 561.687.2220
Fax No. 561.687.1110
® Registry No. 33574
WGI PROJECT NO. 2412.10

PROFESSIONAL REGISTRATION
JEFFREY R. BERGMANN, PE
50159

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PERMIT SET

THE BARNACLE STATE PARK

SHEET TITLE
DEMOLITION PHOTOS

PROJECT TITLE
DOCK AND BOATHOUSE IMPROVEMENTS

SHEET NO.
SD101

Nicole Swanteson \\wgi.com\data\Projects\Structures\2019-Jobs\2412.10 FDEP Barnacle House Coral Gables\CAD\S100_MM-DD-YY_6I508C_F.dwg adobe pdf 24x36 Plotted: 4/20/2023 11:12:08 AM Saved: 4/20/2023 10:44:55 AM

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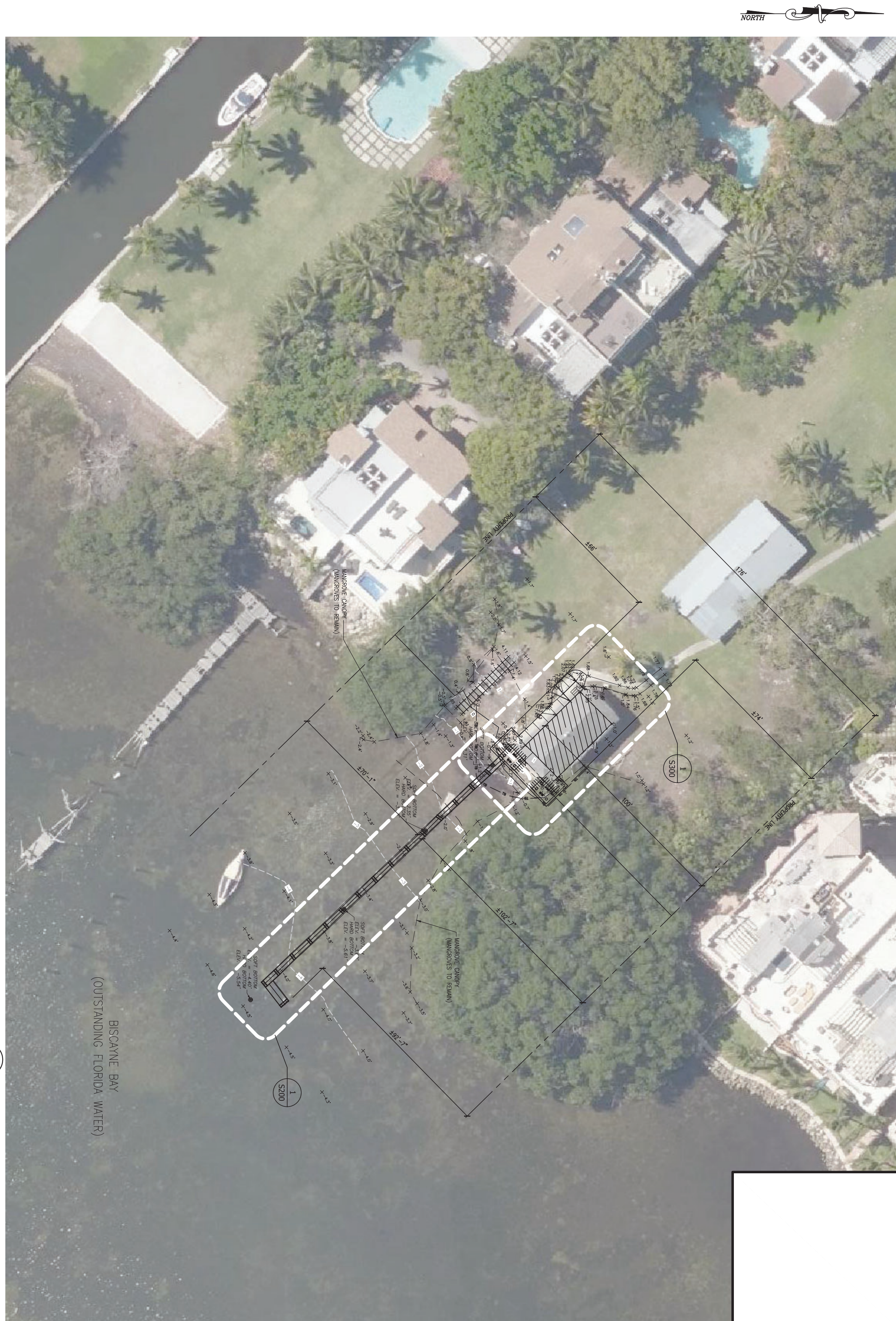

1
S100
STRUCTURAL SITE PLAN
20 10 0 20
GRAPHIC SCALE IN FEET

PERMIT SET

SHEET NO.		PROFESSIONAL REGISTRATION		
S100	THE BARNACLE STATE PARK	JEFFREY R. BERGMANN, PE 50159	DESIGNER : JRB	ISSUE DATE:
	SHEET TITLE: STRUCTURAL SITE PLAN		DRAWN BY: DAM	COMP. FILE No.:
	PROJECT TITLE: DOCK AND BOATHOUSE IMPROVEMENTS		REVIEWED BY: CBL	STATE PROJECT No.: 6I508C

SYMBOL	REVISION	DATE	SYMBOL	REVISION	DATE
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B			D		

Consultant :
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MDC021

NOTE:
CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS

1 / S200 **INTERPRETIVE PIER RECONSTRUCTION & IMPROVEMENT PLAN**

8 4 0 8
GRAPHIC SCALE IN FEET

NOTE:
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DESIGNER: JRB
DRAWN BY: DAM
REVIEWED BY: CBL
ISSUE DATE:
COMP. FILE No.:
STATE PROJECT No.: 61508C

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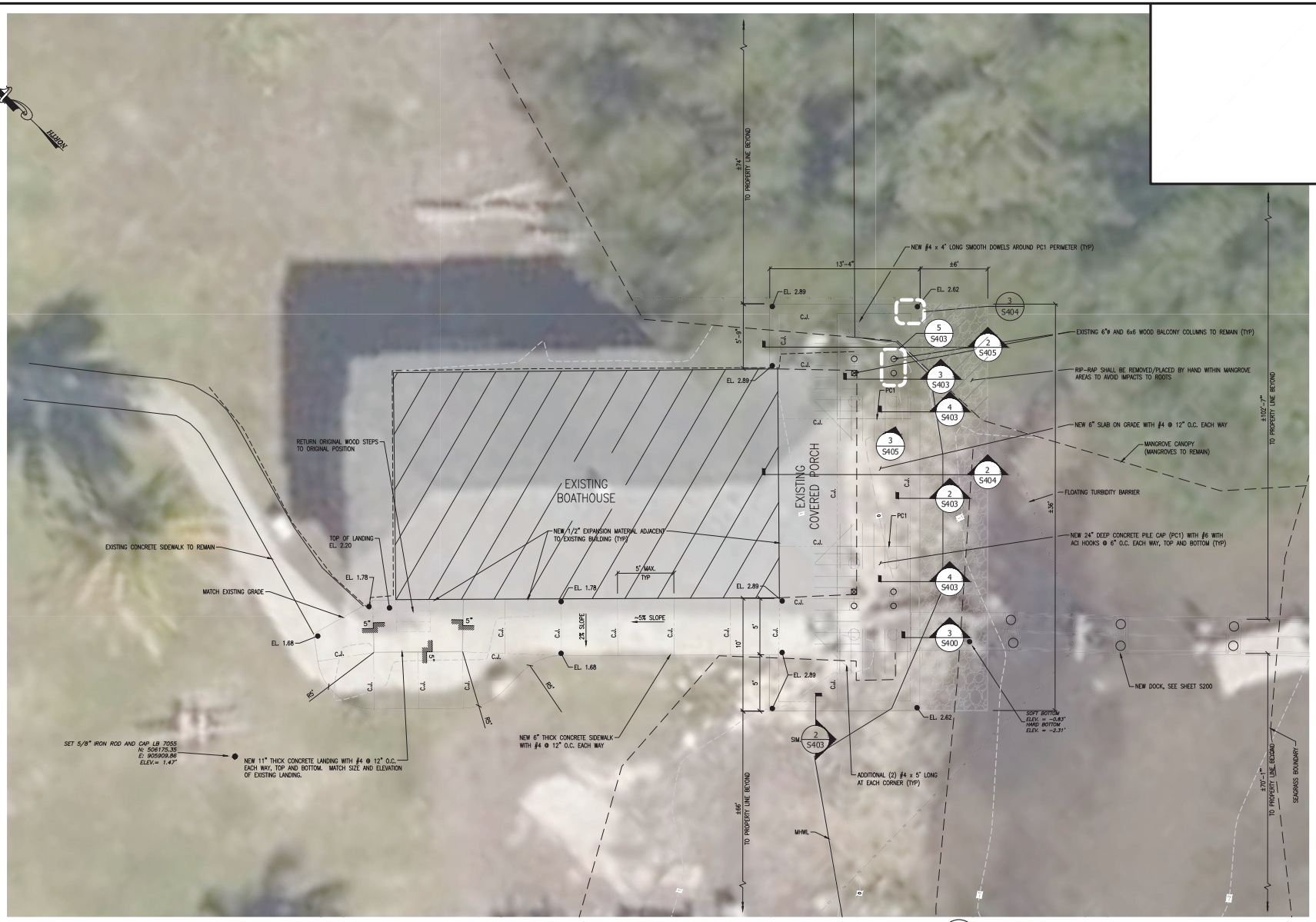
PROJECT TITLE: DOCK AND BOATHOUSE IMPROVEMENTS

SHEET NO. S200

MDC023



NOTE:
1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.
2. FLOATING TURBIDITY BARRIER SHALL BE PROPERLY INSTALLED AT THE LIMITS OF CONSTRUCTION IN AREAS DEVOID OF MANGROVE ROOTS AND SEAGRASS BEDS.

1 / S300 **BOATHOUSE PORCH & SIDEWALK IMPROVEMENT PLAN**

GRAPHIC SCALE IN FEET: 4 2 0 4

NOTE:
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SHEET TITLE: BOATHOUSE PORCH & SIDEWALK IMPROVEMENT PLAN

PROJECT TITLE: DOCK AND BOATHOUSE IMPROVEMENTS

SHEET NO. S300

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	SHEET TITLE: FOOT PRINT COMPARISON PLAN		DRAWN BY: DAM	COMP. FILE No.:
	PROJECT TITLE: DOCK AND BOATHOUSE IMPROVEMENTS		REVIEWED BY: CBL	STATE PROJECT No.: 6I508C

SYMBOL	REVISION	DATE	SYMBOL	REVISION	DATE
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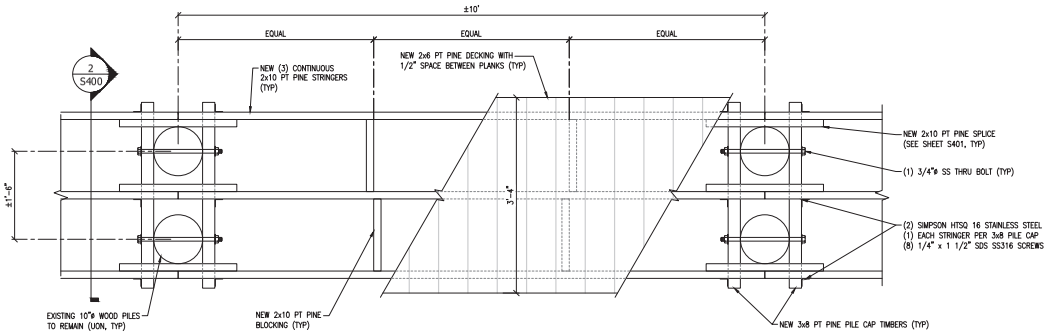
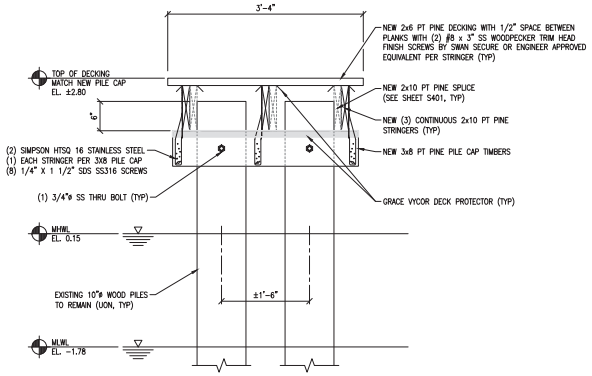


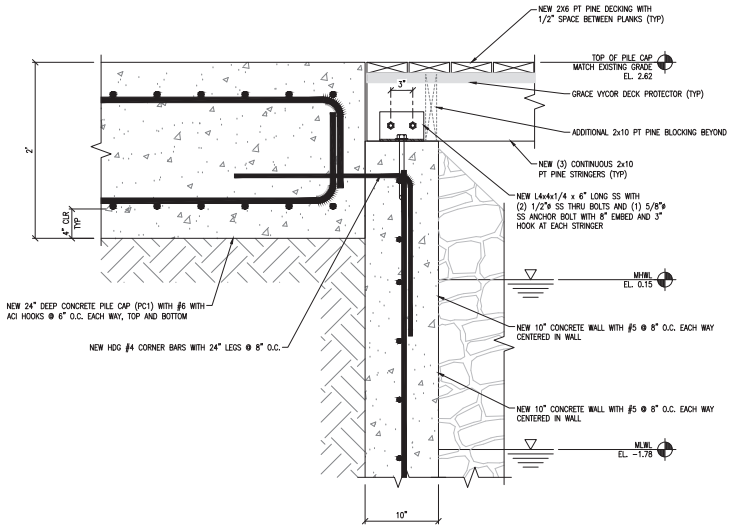
1 S400 **PARTIAL DOCK PLAN VIEW**

1 0.5 0 1
GRAPHIC SCALE IN FEET



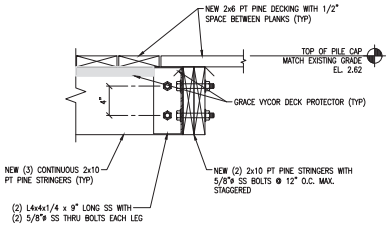
2 S400 **TYPICAL DOCK SECTION**

1 0.5 0 1
GRAPHIC SCALE IN FEET



3 S400 **TYPICAL DOCK AT PILE CAP SECTION**

1 0.5 0 1
GRAPHIC SCALE IN FEET



4 S400 **DOCK SECTION**

1 0.5 0 1
GRAPHIC SCALE IN FEET

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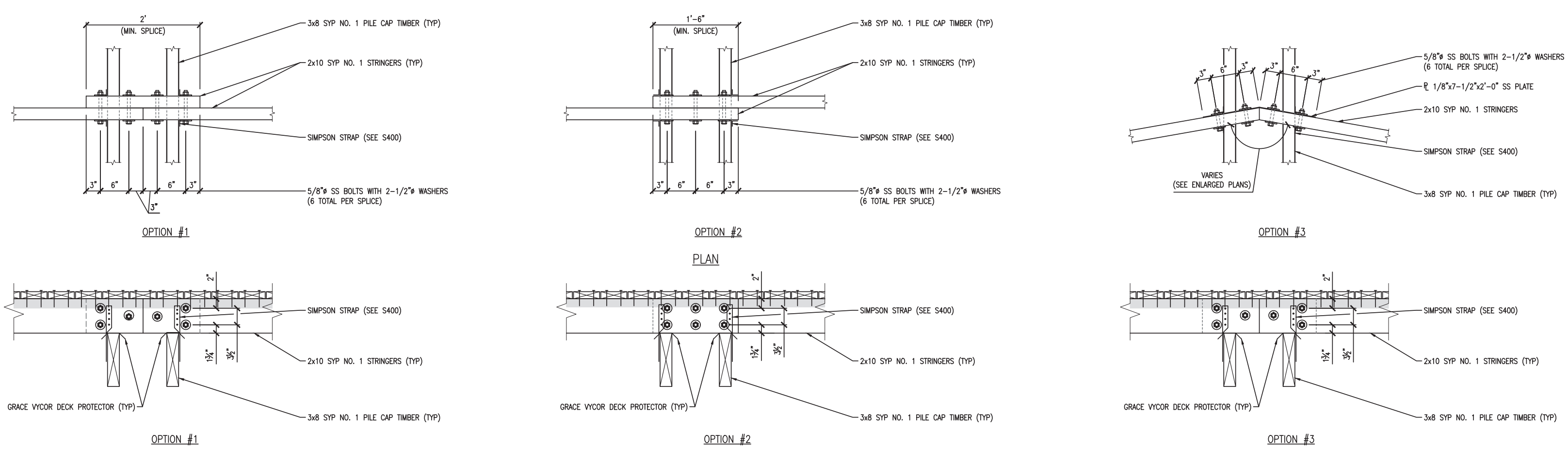
SHEET TITLE
THE BARNACLE STATE PARK
TYPICAL DOCK DETAILS & SECTIONS

PROJECT TITLE
DOCK AND BOATHOUSE IMPROVEMENTS

SHEET NO.
S400

MDC025



STRINGER SPLICE DETAILS 1 / S401
NOT TO SCALE

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SHEET TITLE: TYPICAL DOCK DETAILS & SECTIONS

PROJECT TITLE: DOCK AND BOATHOUSE IMPROVEMENTS

SHEET NO. S401

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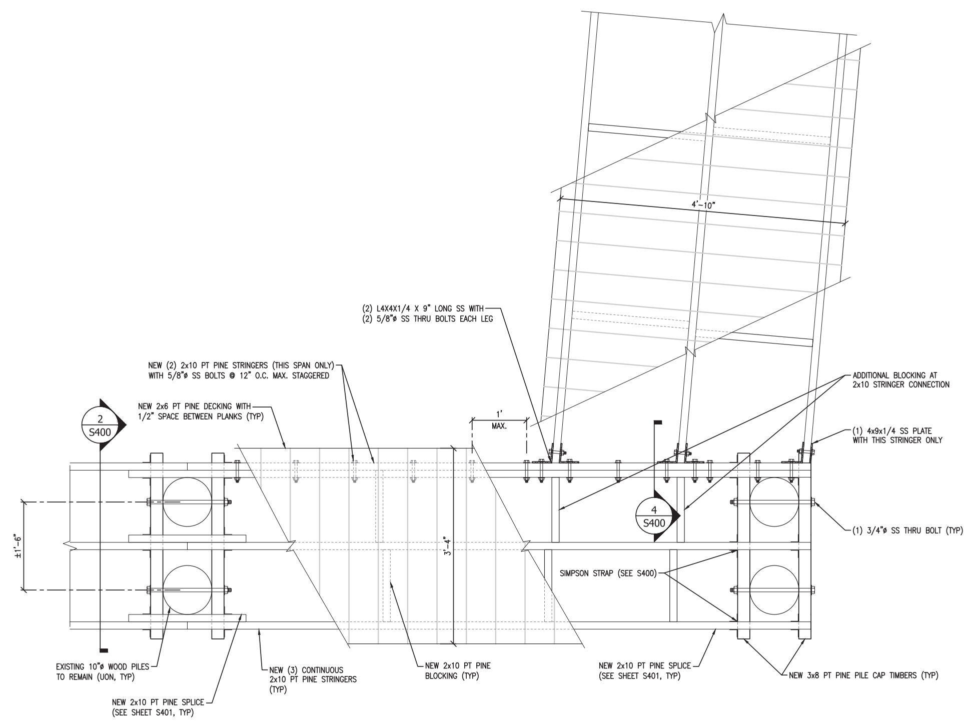
MDC026



1
S402
PARTIAL DOCK END PLAN VIEW

1 0.5 0 1
GRAPHIC SCALE IN FEET

NOTE:
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PERMIT SET

THE BARNACLE STATE PARK

SHEET TITLE
TYPICAL DOCK DETAILS & SECTIONS

PROJECT TITLE
DOCK AND BOATHOUSE
IMPROVEMENTS

SHEET NO.
S402

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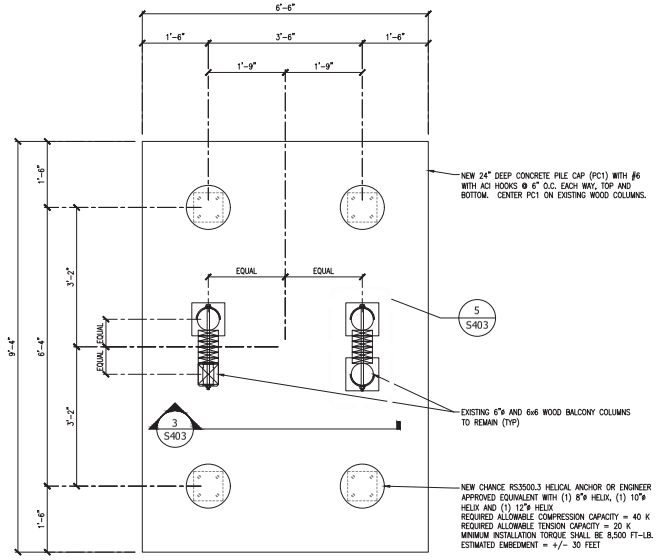
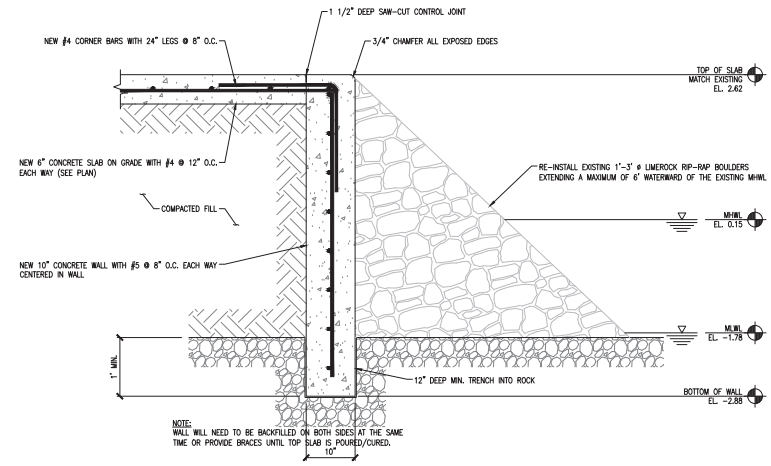


NOTE:
CONTRACTOR TO PROVIDE TEMPORARY SUPPORT FOR ALL WOOD BALCONY COLUMNS

1 / S403 TYPICAL PILE CAP (PC1) DETAIL

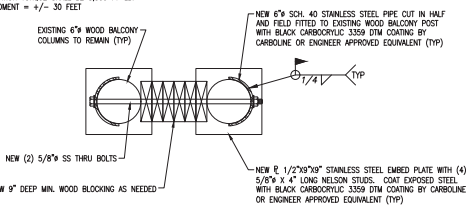
1 0.5 0 1
GRAPHIC SCALE IN FEET



NOTE:
WALL WILL NEED TO BE BACKFILLED ON BOTH SIDES AT THE SAME TIME OR PROVIDE BRACES UNTIL TOP SLAB IS POURED/CURED.

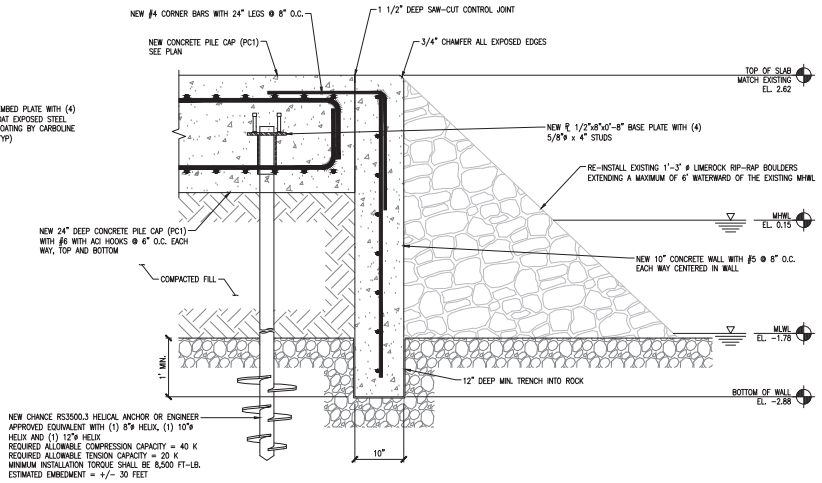
2 / S403 TYPICAL WALL/SLAB CONNECTION DETAIL

1 0.5 0 1
GRAPHIC SCALE IN FEET



5 / S403 TYPICAL WOOD COLUMN BLOCKING DETAIL

1 0.5 0 1
GRAPHIC SCALE IN FEET



NOTE:
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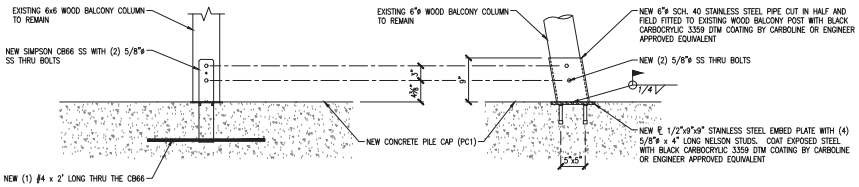
4 / S403 TYPICAL WALL/PC1 CONNECTION DETAIL

1 0.5 0 1
GRAPHIC SCALE IN FEET



3 / S403 TYPICAL WOOD COLUMN BASE DETAILS

1 0.5 0 1
GRAPHIC SCALE IN FEET

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DRAWN BY: DAM
REVIEWED BY: CBL
CONSULTANT :

PROFESSIONAL REGISTRATION
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50159

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LICENSE
No. 50159
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THE BARNACLE STATE PARK

SHEET TITLE: TYPICAL BOATHOUSE DETAILS & SECTIONS

PROJECT TITLE: DOCK AND BOATHOUSE IMPROVEMENTS

SHEET NO.
S403

MDC028

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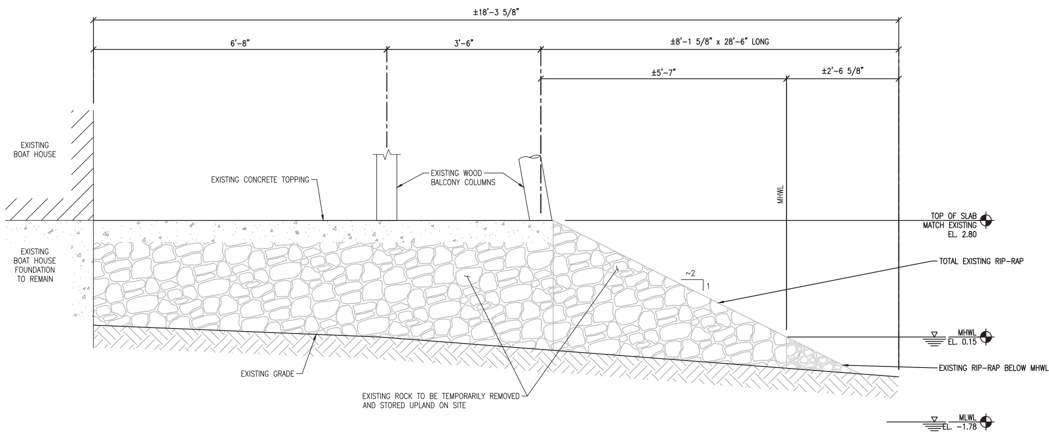

NOTE:
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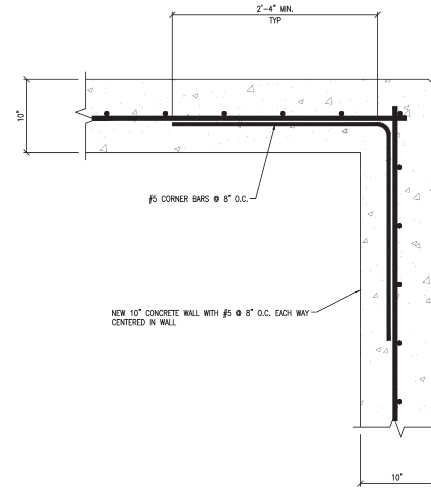
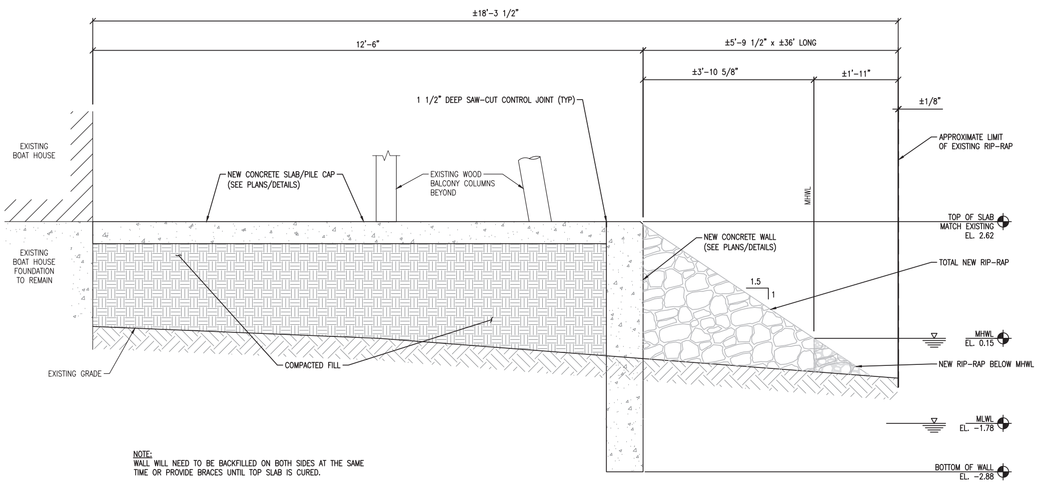
1 / S404 **EXISTING SECTION**

GRAPHIC SCALE IN FEET (1 0.5 0 1)



3 / S404 **TYPICAL WALL CORNER DETAIL**

GRAPHIC SCALE IN FEET (1 0.5 0 1)



NOTE:
WALL WILL NEED TO BE BACKFILLED ON BOTH SIDES AT THE SAME TIME OR PROVIDE BRACES UNTIL TOP SLAB IS CURED.

2 / S404 **NEW SECTION**

GRAPHIC SCALE IN FEET (1 0.5 0 1)

QUANTITY SUMMARY

	NEW	EXISTING	NET
RIP-RAP BELOW MHWL	176 SF 3.1 CY	118 SF 1.8 CY	58 SF 1.27 CY
ADDITIONAL FILL BELOW MHWL	32 SF 0.27 CY	0 0	32 SF 0.27 CY
TOTAL BELOW MHWL	208 SF 3.37 CY	118 SF 1.8 CY	90 SF 1.54 CY
TOTAL RIP-RAP	210 SF 11 CY	223 SF 10.6 CY	(-)13 SF 0.4 CY

NOTE:
ALL QUANTITIES ARE APPROXIMATE

NOTE:
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PROJECT TITLE: DOCK AND BOATHOUSE IMPROVEMENTS

SHEET NO. S404

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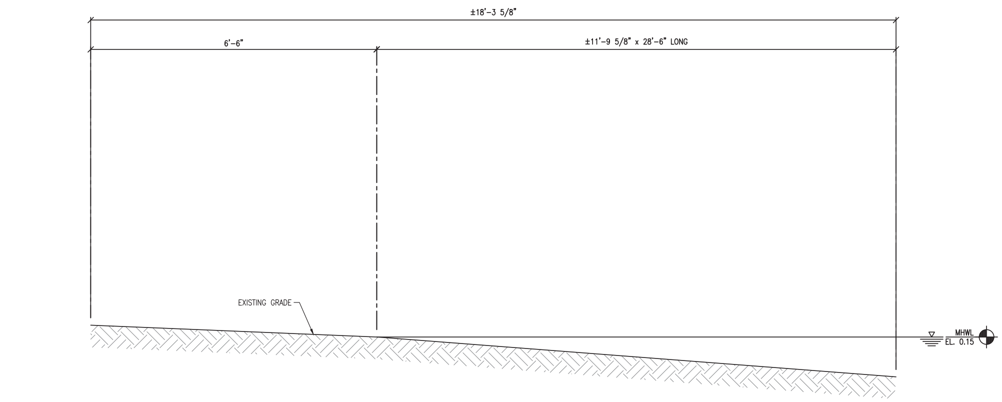

NOTE:
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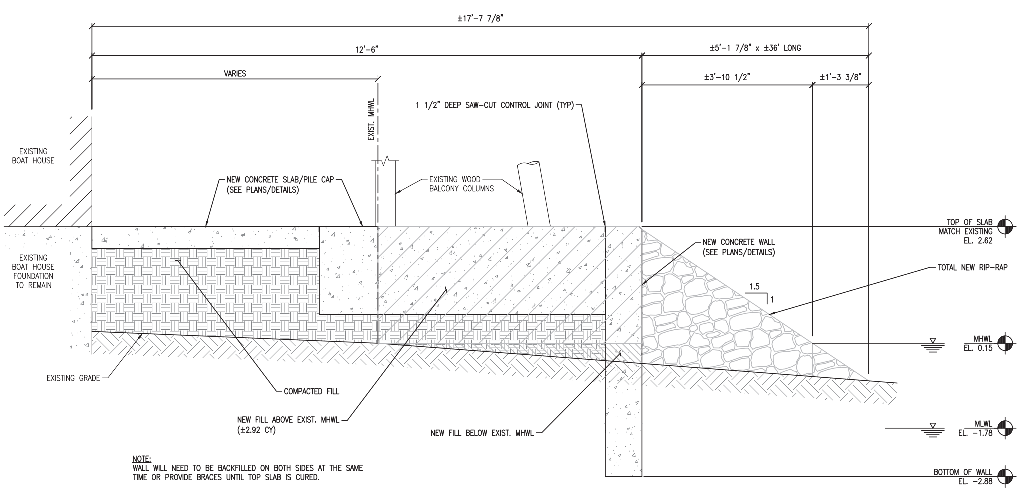
1 S405 **EXISTING GRADE NORTH OF PORCH**
GRAPHIC SCALE IN FEET

3 S405 **RIP-RAP REPLACEMENT PHOTO**
NOT TO SCALE



NOTE:
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2 S405 **NEW SECTION**
GRAPHIC SCALE IN FEET

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3800 Commonwealth Blvd., Tallahassee, FL 32399 (850) 245-2157

THE BARNACLE STATE PARK

SHEET TITLE: TYPICAL SECTIONS

PROJECT TITLE: DOCK AND BOATHOUSE IMPROVEMENTS

SHEET NO. S405

Attachment C

Names and Addresses of Owners of All Riparian or Wetland Property within Three Hundred (300) Feet of the Proposed Work

Abitare Condominium Association, Inc.
c/o Joseph Gabel, President
3495 Main Highway
Miami, FL 33133

Cloisters on the Bay Condominium
Association, Inc.
c/o James Cassel, President
3471 Main Highway
Miami, FL 33133

Heather Freeman
3503 Main Lodge Drive
Coconut Grove, FL 333133

Attachment D

Zoning Memorandum

Memorandum

Date: May 16, 2025

To: Rockell Alhale, Manager
Natural Resources Division
Department of Regulatory and Economic Resources

From: Lindsay Elam, ERPS
Coastal Resources Section
Department of Regulatory and Economic Resources

Subject: Class I Permit Application by the Florida Department of Environmental Protection for the Filling of Tidal Waters in Association with Repairs to the Barnacle State Park Historic Boathouse and the Replacement of a Dock, located at 3485 Main Highway, Miami, Miami-Dade County, Florida

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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 E

DERM Project Report

CLASS I PERMIT APPLICATION NO. CLI-2024-0312

Class I Permit Application by the Florida Department of Environmental Protection for the Filling of Tidal Waters in Association with Repairs to the Barnacle State Park Historic Boathouse and the Replacement of a Dock located at 3485 Main Highway, Miami, Miami-Dade County, Florida.

DATE: May 16, 2025

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, Florida (Code). The following is a summary of the proposed project with respect to each applicable evaluation factor:

1. **Potential Adverse Environmental Impact** – Pursuant to Section 24-48.4 of the Code, potential adverse environmental impacts and cumulative adverse environmental impacts for a proposed project must be avoided and minimized and mitigation is required for permittable projects that otherwise result in adverse environmental impacts. The substrate within the area proposed to be filled does not provide significant benthic habitat and the work is not reasonably anticipated to result in adverse environmental impacts. No trimming or alteration of the Coastal Band Community mangroves growing to the north of the boathouse is proposed under the subject application and proper turbidity controls, including silt fencing, would be maintained throughout the duration of construction operations to ensure no unauthorized impacts occur. Furthermore, as the proposed dock and slips would be located in the same footprint as the previously authorized dock, no adverse environmental impacts are reasonably anticipated to occur. Additionally, no federally or State-designated threatened or endangered species of seagrasses or corals were documented within the footprint of the proposed filling or dock.

   The proposed work is not reasonably expected to result in cumulative environmental impacts to water quality; however, the construction phase of the proposed project may result in temporary water quality impacts. In order to minimize the temporary impacts to water quality as a result of the construction activities associated with the proposed work, the Class I permit would require that turbidity and erosion controls be utilized during all phases of construction to ensure compliance with State and County water quality standards. The mitigation required for the filling of tidal waters would be satisfied through a contribution to the Biscayne Bay Environmental Enhancement Trust Fund.

2. **Potential Cumulative Adverse Environmental Impact** – The proposed project is not reasonably expected to result in cumulative adverse environmental impacts as set forth in Number 1 above.

3. **Hydrology** - The proposed project is not reasonably expected to adversely affect surface water drainage or retention of stormwater.

4. **Water Quality** – The proposed project is not reasonably expected to result in adverse impacts to water quality. Although the proposed project may result in minor temporary impacts to surface water quality during construction operations, potential impacts will be minimized and mitigated as set forth in Number 1 above.

5. **Wellfields** – The proposed project is not reasonably expected to adversely affect wellfields.

6. **Water Supply** – The proposed project is not reasonably expected to adversely affect water supply.

7. **Aquifer Recharge** – The proposed project is not reasonably expected to adversely affect aquifer recharge.

8. **Aesthetics** – The proposed project is not reasonably expected to adversely affect aesthetics.

9. **Navigation** – The proposed project is not reasonably expected to adversely affect navigation.

10. **Public Health** - The proposed project is not reasonably expected to adversely affect public health.

11. **Historic Values** - The project is located within the Barnacle Historic State Park and is a Miami-Dade County designated historical site. The proposed project is intended to stabilize and protect historical structures at the property and is therefore not reasonably expected to adversely affect historic values. If any objects and/or features of historical or archaeological significance are encountered at any time within the project site, construction activities would be required to cease immediately, and the applicant would be required to contact the State of Florida Bureau of Archaeological Research and the Miami-Dade County Office of Historic Preservation.

12. **Archaeological Values** - The project is located within the Barnacle Historic State Park and is a Miami-Dade County designated archaeological site. The proposed project is not reasonably expected to adversely affect archaeological values. If any objects and/or features of historical or archaeological significance are encountered at any time within the project site, construction activities shall cease immediately. The permittee and/or contractor shall contact the State of Florida Bureau Archaeological Research at (850) 245-6444 and the Miami-Dade County Office of Historic Preservation at (305) 375-3412.

13. **Air Quality** – The proposed project is not reasonably expected to adversely affect air quality.

14. **Marine and Wildlife Habitats** – The proposed project is not reasonably expected to adversely affect marine and wildlife habitats as set forth in Number 1 above.

15. **Wetland Soils Suitable for Habitat** – Although the proposed project is located adjacent to a wetland, no work would be done within the wetlands and proper turbidity controls would be implemented as set forth in Number 1 above. Therefore, the proposed project is not reasonably expected to adversely affect wetland soils suitable for habitat.

16. **Floral Values** – The proposed project is not reasonably expected to adversely affect floral values as set forth in Number 1 above.

17. **Fauna Values** - The proposed project is not reasonably expected to adversely affect fauna values as set forth in Number 1 above.

18. **Rare, Threatened and Endangered Species** – The proposed project is not reasonably expected to adversely affect rare, threatened, and endangered species.

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 not reasonably expected to adversely affect wetland values.

21. **Land Use Classification** – Pursuant to Section 24-48.2(II)(B)(7) of the Code of Miami-Dade County, Florida, a substantiating letter stating that the proposed project does not violate any zoning laws, or a plan approval, will be submitted prior to permit issuance. Said letter or plan approval 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 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 Code and the 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 DERM 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:
    a) Chapter 24 of the Code of Miami-Dade County
    b) United States Clean Water Act (US Army Corps of Engineers permit is required)
    c) South Florida Water Management District (regulatory 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 consistent as required by CDMP policy LU-3A, with the goals, objectives and policies contained in the Conservation, Aquifer Recharge and Drainage and Coastal Management Elements of this Plan, and with all applicable environmental regulations, as well as other elements of 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 all applicable environmental regulations, 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 AV-5A - 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 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 7/Policy 7A, 7C, 7D, 7J - Wetland protection and restoration. – Although the proposed project is located adjacent to a wetland, no work would be done within the wetlands and proper turbidity controls would be implemented as set forth in Number 1 above. Therefore, the proposed project is not reasonably expected to adversely affect wetland soils suitable for habitat.

Objective 9/Policies 9A, 9B, 9C - Protection of habitat critical to Federal or State-designated threatened or endangered species. – The proposed project is not reasonably expected to adversely affect habitat critical to Federal or State-designated threatened or endangered species as set forth in Number 1 above.

COASTAL MANAGEMENT ELEMENT VII:

Objective 1/Policy 1A – Mangrove wetlands within Mangrove Protection Areas – The proposed project is not located within a designated "Mangrove Protection Area."

Objective 1/ Policy 1B - Natural surface flow into and through coastal wetlands. – Although the proposed project is located adjacent to a wetland, no work would be done within the wetlands and proper turbidity controls will be implemented as set forth in Number 1 above.

Objective 1/ Policy 1C – Elevated boardwalk access through mangroves. – The proposed project does not involve the construction of an elevated walkway through mangroves.

Objective 1/Policy 1D – Protection and maintenance of mangrove forests and related natural vegetational communities. – Although the proposed project is located adjacent to a wetland, no work would be done within the wetlands and proper turbidity controls will be implemented 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. – Although the proposed project is located adjacent to a wetland, no work would be done within the wetlands and proper turbidity controls will be implemented 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. –The proposed project does not involve dredging or filling of grass/algal flats, hard bottom, or other viable benthic communities.

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 result in impacts to endangered or threatened species as set forth in Number 1 above.

Objective 5/Policy 5B - Existing and new areas for water-dependent uses. - While the installation of a new boathouse would be considered a non-water dependent use, the boathouse at the subject property is a historic structure that has previously facilitated a water-dependent use. The Applicant is proposing to stabilize the boathouse through the replacement of the existing riprap foundation with a concrete wall and additional riprap. In addition, the dock replacement in the same footprint will improve the existing water-dependent use at site.

Objective 5/Policy 5D - Consistency with Chapter 33D, Miami-Dade County Code. (shoreline access, environmental compatibility of shoreline development) – The proposed project has been reviewed by the Miami-Dade County Shoreline Development Review Committee (SDRC). The SDRC determined that the thresholds for review under the Shoreline Ordinance are not applicable; therefore, the project is not subject to any further conditions or restrictions with respect to the Shoreline Ordinance.

Objective 5/Policy 5F - The siting of water dependent facilities. - The proposed project is consistent with the criteria used to determine appropriateness of the project site.

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) - The proposed project is in conformance with the Biscayne Bay Management Plan.

30. **Conformance with the Miami-Dade County Manatee Protection Plan** - The proposed project has been evaluated for consistency with the Miami-Dade County Manatee Protection Plan. The project site is located within an area identified by the Manatee Protection Plan (MPP) as essential manatee habitat and recommended by the MPP for Residential Docking: 1 Motorboat per 100 feet of Developable Shoreline. However, the MPP provides for an existing marine facility to continue with the existing use and to renovate as long as there is no change in the facility size and no increase in the number of slips. The proposed dock replacement would be within the same footprint as previously authorized by Class I permit CC97-020 and the use of the dock would be restricted to the mooring of a historic vessel, shallow draft sailboats, non-motorized vessels, and vessels with less than 5 horsepower provided the drafts are less than 1 foot pursuant to Environmental Quality Control Board Order No. 99-45. Furthermore, the Class I permit would require that all standard construction permit conditions regarding manatee protection be followed during all in-water operations.

31. **Consistency with Miami-Dade County Criteria for Lake Excavation** – The proposed project does not involve lake excavation.

32. **Zoning Recommendation** – Pursuant to Section 24-48.2(II)(B)(7) of the Code, Florida, applications for Class I permits by the State of Florida Department of Environmental Protection within its own jurisdiction shall not be required to submit a substantiating letter or plan approval from the applicable zoning authority.

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.

34. **Maximum Protection of a Wetland's Hydrological and Biological Functions** – Although the proposed project is located adjacent to a wetland, no work would be done within the wetlands and proper turbidity controls will be implemented 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. 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:
(f) A physical modification necessary to protect public or private property.

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 dock replacement would be in an area without the minimum Code required water depth of four feet NOAA Mean Low Water; however, the dock replacement would be within the same footprint as previously authorized by Class I permit CC97-020 and the use of the dock would be restricted to the mooring of a historic vessel, shallow draft sailboats, non-motorized vessels, and vessels with less than 5 horsepower provided the drafts are less than 1 foot pursuant to Environmental Quality Control Board Order No. 99-45, which provided a variance of the water depth requirement.

24-48.3 (4) Clean Fill in Wetlands – Not applicable.

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

R Alhale

Rockell Alhale, Manager
Coastal Resources Section

Lindsay Elam

Lindsay Elam, ERPS
Coastal Resources Section

Attachment F

South Florida Water Management District Permit

December 6, 2024

** Delivered via email*

David Matson *
FDEP Division Of Recreation and Parks
3900 Commonwealth Boulevard Ms 520
Tallahassee, FL 32399

Subject: Exemption for FDEP Barnacle Historic State Park Dock and Boathouse Repair
Application No. 240823-45322
Exemption No. 13-112176-P
Miami-Dade County

Dear Mr. Matson:

The South Florida Water Management District (District) reviewed the information submitted for the proposed replacement of a dock, rip rap, and concrete platform, and the installation of an upland retaining wall, and has determined that the proposed project is exempt from the requirement to obtain an Environmental Resource Permit, pursuant to Subsection 373.406(6), Florida Statutes (FS) for the dock replacement, and Subsections 62-330.051(5)(d) & (12)(b), Florida Administrative Code (FAC) for the concrete platform and rip rap replacement and the retaining wall installation.

This project proposes to replace a 540 square foot dock in the same location and configuration as the previously existing dock and the installation of 36 feet of rip rap within 18 inches waterward of the existing rip rap. The project also proposes the installation of an upland retaining wall and a 480 square foot concrete platform, of which 84 square feet is located over water. The proposed dock work qualifies for a de minimis exemption under Section 373.406(6), FS, as a site inspection determined that no seagrass beds or corals were within the footprint off the proposed activities. Refer to Exhibit Nos. 1.0 and 2.0 for a location map and project plans, respectively.

In addition, a Letter of Consent is authorized for the use of state-owned sovereign submerged lands (SSLs) on/over which the dock structure and portion of the concrete platform is located and is subject to the general conditions for authorization for the use of SSLs.

Activities that qualify for this exemption must be conducted and operated using appropriate best management practices and in a manner which does not cause or contribute to a water quality violation. Pursuant to Chapters 62-302 or 62-4, FAC.

This letter does not relieve you from the responsibility of obtaining other permits (federal, state or local) which may be required for the project.

The determination that this project qualifies as an exempt activity may be revoked if the installation is substantially modified, if the basis of the exemption is determined to be materially incorrect, or if the installation results in violation to state water quality standards. Any changes made in the construction plans or location of the project may necessitate a permit from the District. Therefore, you are advised to contact the District before beginning any work in wetlands which is not specifically described in the submittal.

The notice of determination that the project qualifies as an exempt activity constitutes final agency action by the District unless a petition for administrative hearing is filed. Upon timely filing of a petition, this Notice will not be effective until further Order of the District. If you have any questions concerning this matter, please contact Alexander Brockett, Environmental Analyst 4 at

561-682-2754 or abrocket@sfwmd.gov, and Joe Marquez, at 561 682 6738 or jmarquez@sfwmd.gov.

Sincerely,

Jesse Markle, P.E.
Chief, Environmental Resource Bureau

c: Amanda Montgomery, WGI *

Exhibits

The following exhibits to this permit are incorporated by reference. The exhibits can be viewed by clicking on the links below or by visiting the District's RegPermitting website (www.sfwmd.gov/regpermitting) and searching under this application number 240823-45322.

Exhibit No. 1.0 Location Map

Exhibit No. 2.0 Construction Plans

NOTICE OF RIGHTS

As required by Chapter 120, Florida Statutes, the following provides notice of the opportunities which may be available for administrative hearing pursuant to Sections 120.569 and 120.57, Florida Statutes, or judicial review pursuant to Section 120.68, Florida Statutes, when the substantial interests of a party are determined by an agency. Please note that this Notice of Rights is not intended to provide legal advice. Some of the legal proceedings detailed below may not be applicable or appropriate for your situation. You may wish to consult an attorney regarding your legal rights.

RIGHT TO REQUEST ADMINISTRATIVE HEARING

A person whose substantial interests are or may be affected by the South Florida Water Management District's (District) action has the right to request an administrative hearing on that action pursuant to Sections 120.569 and 120.57, Florida Statutes. Persons seeking a hearing on a District decision which affects or may affect their substantial interests shall file a petition for hearing in accordance with the filing instructions set forth herein within 21 days of receipt of written notice of the decision unless one of the following shorter time periods apply: (1) within 14 days of the notice of consolidated intent to grant or deny concurrently reviewed applications for environmental resource permits and use of sovereign submerged lands pursuant to Section 373.427, Florida Statutes; or (2) within 14 days of service of an Administrative Order pursuant to Section 373.119(1), Florida Statutes. "Receipt of written notice of agency decision" means receipt of written notice through mail, electronic mail, posting, or publication that the District has taken or intends to take final agency action. Any person who receives written notice of a District decision and fails to file a written request for hearing within the timeframe described above waives the right to request a hearing on that decision.

If the District takes final agency action that materially differs from the noticed intended agency decision, persons who may be substantially affected shall, unless otherwise provided by law, have an additional point of entry pursuant to Rule 28-106.111, Florida Administrative Code.

Any person to whom an emergency order is directed pursuant to Section 373.119(2), Florida Statutes, shall comply therewith immediately, but on petition to the board shall be afforded a hearing as soon as possible.

A person may file a request for an extension of time for filing a petition. The District may grant the request for good cause. Requests for extension of time must be filed with the District prior to the deadline for filing a petition for hearing. Such requests for extension shall contain a certificate that the moving party has consulted with all other parties concerning the extension and whether the District and any other parties agree to or oppose the extension. A timely request for an extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

FILING INSTRUCTIONS

A petition for administrative hearing must be filed with the Office of the District Clerk. Filings with the Office of the District Clerk may be made by mail, hand-delivery, or e-mail. Filings by facsimile will not be accepted. A petition for administrative hearing or other document is deemed filed upon receipt during normal business hours by the Office of the District Clerk at the District's headquarters in West Palm Beach, Florida. The District's normal business hours are 8:00 a.m. – 5:00 p.m., excluding weekends and District holidays. Any document received by the Office of the District Clerk after 5:00 p.m. shall be deemed filed as of 8:00 a.m. on the next regular business day.

Additional filing instructions are as follows:

- Filings by mail must be addressed to the Office of the District Clerk, 3301 Gun Club Road, West Palm Beach, Florida 33406.
- Filings by hand-delivery must be delivered to the Office of the District Clerk. Delivery of a petition to the District's security desk does not constitute filing. It will be necessary to request

that the District's security officer contact the Office of the District Clerk. An employee of the District's Clerk's office will receive and process the petition.

- Filings by e-mail must be transmitted to the Office of the District Clerk at clerk@sfwmd.gov. The filing date for a document transmitted by electronic mail shall be the date the Office of the District Clerk receives the complete document.

INITIATION OF ADMINISTRATIVE HEARING

Pursuant to Sections 120.54(5)(b)4. and 120.569(2)(c), Florida Statutes, and Rules 28-106.201 and 28-106.301, Florida Administrative Code, initiation of an administrative hearing shall be made by written petition to the District in legible form and on 8 1/2 by 11 inch white paper. All petitions shall contain:

1. Identification of the action being contested, including the permit number, application number, District file number or any other District identification number, if known.
2. The name, address, any email address, any facsimile number, and telephone number of the petitioner, petitioner's attorney or qualified representative, if any.
3. An explanation of how the petitioner's substantial interests will be affected by the agency determination.
4. A statement of when and how the petitioner received notice of the District's decision.
5. A statement of all disputed issues of material fact. If there are none, the petition must so indicate.
6. A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the District's proposed action.
7. A statement of the specific rules or statutes the petitioner contends require reversal or modification of the District's proposed action.
8. If disputed issues of material fact exist, the statement must also include an explanation of how the alleged facts relate to the specific rules or statutes.
9. A statement of the relief sought by the petitioner, stating precisely the action the petitioner wishes the District to take with respect to the District's proposed action.

MEDIATION

The procedures for pursuing mediation are set forth in Section 120.573, Florida Statutes, and Rules 28-106.111 and 28-106.401–.405, Florida Administrative Code. The District is not proposing mediation for this agency action under Section 120.573, Florida Statutes, at this time.

RIGHT TO SEEK JUDICIAL REVIEW

Pursuant to Section 120.68, Florida Statutes, and in accordance with Florida Rule of Appellate Procedure 9.110, a party who is adversely affected by final District action may seek judicial review of the District's final decision by filing a notice of appeal with the Office of the District Clerk in accordance with the filing instructions set forth herein within 30 days of rendition of the order to be reviewed, and by filing a copy of the notice with the appropriate district court of appeals via the Florida Courts E-Filing Portal.

Attachment G

United States Army Corps of Engineers Permit

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT CORPS OF ENGINEERS
9900 SOUTHWEST 107th AVE, SUITE 203
MIAMI, FLORIDA 33176

April 12, 2022

Regulatory Division
South Permits Branch
South Permits Section
SAJ-2020-01212 (NW-AG)

FDEP Division of Recreation and Parks
c/o Philip Stone
3900 Commonwealth Blvd, MS 520
Tallahassee, FL 32399

Dear Mr. Stone:

You requested re-verification of a project that we previously verified on 23 July 2020. Our file number is SAJ-2020-01212. The project would result repair and replacement of the existing 540 square foot L-shaped dock in the same footprint and using the existing wood piles. The project will also include the repair and stabilization of 36 linear feet of shoreline by installing a new retaining wall behind the existing riprap shoreline and repairing and replacing the existing riprap to a distance extending a maximum of 8 feet from the mean high water line. The total area to be stabilized below the mean high water line will be 90 square feet and the total volume will be 2.8 cubic yards. Temporary turbidity curtains will be deployed during the construction phase and will remain until the project work is complete.

The project would affect waters of the United States associated with Biscayne Bay. The project site is located at 3485 Main Highway in Section 21, Township 54 South, Range 41 East, Coconut Grove, Florida 33133 (Folio # 01-4121-045-0050).

You stated in your request dated 12 April 2022 that there are no changes to the project and depicted on the project plans date stamped by the U.S. Army Corps of Engineers on 23 July 2020.

Your project is authorized by Nationwide Permit (NWP) Number 3 and 13. This verification is valid until **March 14, 2026.** Some of the terms, conditions and regional conditions may have changed because our previous verification was based on the 2017 Federal Register and Regional Conditions. This letter is based on the project being performed in accordance with: the drawings attached to our previous letter; the terms and conditions found on pages 2867 to 2877, inclusive, of the January 13, 2021 Federal Register (86 FR 2744); the Regional Conditions dated February 25, 2022; and the entirety of our previous letter, including the special conditions and attachments (except

for the expiration date and the references to the 2017 Federal Register and Regional Conditions).

If you are unable to access the internet or require a hardcopy of any of the above-referenced documents, please contact me by telephone at 305-779-6055.

Sincerely,

GONZALEZ.ALBERTO.1299557886

Digitally signed by GONZALEZ.ALBERTO.1299557886
Date: 2022.04.12 14:08:47 -04'00'

Albert Gonzalez
Project Manager

cc:
Amanda Montgomery, WGI

bcc:
CESAJ-RD-PE

GENERAL CONDITIONS
33 CFR PART 320-330

1. The time limit for completing the work authorized ends on **March 14, 2026**.

2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.

3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and state coordination required to determine if the remains warrant a recovery effort of if the site is eligible for listing in the National Register of Historic Places.

4. If you sell the property associated with this permit you must obtain the signature of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.

5. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to this permit. For your convenience, a copy of the certification is attached if it contains such conditions.

6. You must allow a representative from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

DEPARTMENT OF THE ARMY PERMIT TRANSFER REQUEST

PERMIT NUMBER: SAJ-202-01212 (NW-AG)

When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. Although the construction period for works authorized by Department of the Army permits is finite, the permit itself, with its limitations, does not expire.

To validate the transfer of this permit and the associated responsibilities associated with compliance with its terms and conditions, have the transferee sign and date below and mail to the U.S. Army Corps of Engineers, Enforcement Section, Post Office Box 4970, Jacksonville, FL 32232-0019 or submit via electronic mail to: SAJ-RD-Enforcement@usace.army.mil (not to exceed 15 MB).

_____
(TRANSFEREE-SIGNATURE)

_____
(DATE)

_____
(NAME-PRINTED)

_____

_____
(MAILING ADDRESS)

_____
(CITY, STATE, ZIP CODE)

_____
(SUBDIVISION)

_____ _____
(LOT) **(BLOCK)**

_____
(STREET ADDRESS)

SELF-CERTIFICATION STATEMENT OF COMPLIANCE

Permit Number: SAJ-2021-01212

Permittee's Name & Address (please print or type):_____

_____

_____

Telephone Number:_____

Location of the Work:_____

_____

Date Work Started:_____ Date Work Completed:_____

PROPERTY IS INACCESSIBLE WITHOUT PRIOR NOTIFICATION: YES _____ NO_____

TO SCHEDULE AN INSPECTION PLEASE CONTACT _____ AT _____

Description of the Work (e.g. bank stabilization, residential or commercial filling, docks, dredging,
etc.):_____

_____

_____

Acreage or Square Feet of Impacts to Waters of the United States: _____

Describe Mitigation completed (if applicable): _____

_____

Describe any Deviations from Permit (attach drawing(s) depicting the deviations):

_____

_____

****

I certify that all work, and mitigation (if applicable) was done in accordance with the limitations and conditions as described in the permit. Any deviations as described above are depicted on the attached drawing(s).

_____
Signature of Permittee

_____
Date

MEMORANDUM
(Revised)

TO: Honorable Chairman Anthony Rodriguez
and Members, Board of County Commissioners

DATE: July 1, 2025

FROM: Geri Bonzon-Keenan
County Attorney

SUBJECT: Agenda Item No. 5(S)

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**

_____ **Statement of social equity 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 present ____, 2/3 membership ____, 3/5's ____, unanimous ____, majority plus one ____, CDMP 7 vote requirement per 2-116.1(3)(h) or (4)(c) ____, CDMP 2/3 vote requirement per 2-116.1(3) (h) or (4)(c) ____, CDMP 9 vote requirement per 2-116.1(4)(c) (2) _____) 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(S)
7-1-25

RESOLUTION NO. R-649-25

RESOLUTION TAKING ACTION ON A CLASS I PERMIT APPLICATION BY THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION FOR THE FILLING OF TIDAL WATERS IN ASSOCIATION WITH REPAIRS TO THE BARNACLE STATE PARK HISTORIC BOATHOUSE AND THE REPLACEMENT OF A DOCK, LOCATED AT 3485 MAIN HIGHWAY, MIAMI, 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, Florida, hereby approves the Class I permit application by the Florida Department of Environmental Protection for the filling of tidal waters in association with repairs to the Barnacle State Park Historic Boathouse and the replacement of a dock located at 3485 Main Highway on Biscayne Bay, Miami, 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 **Oliver G. Gilbert, III** , who moved its adoption. The motion was seconded by Commissioner **Marleine Bastien** and upon being put to a vote, the vote was as follows:

Anthony Rodriguez, Chairman **aye**
Kionne L. McGhee, Vice Chairman **absent**

Marleine Bastien	**aye**	Juan Carlos Bermudez	**aye**
Sen. René García	**aye**	Oliver G. Gilbert, III	**aye**
Roberto J. Gonzalez	**aye**	Keon Hardemon	**aye**
Danielle Cohen Higgins	**aye**	Eileen Higgins	**aye**
Natalie Milian Orbis	**aye**	Raquel A. Regalado	**aye**
Micky Steinberg	**aye**		

The Chairperson thereupon declared this resolution duly passed and adopted this 1st day of July, 2025. This resolution shall become effective upon the earlier of (1) 10 days after the date of its adoption unless vetoed by the County Mayor, and if vetoed, shall become effective only upon an override by this Board, or (2) approval by the County Mayor of this resolution and the filing of this approval with the Clerk of the Board.

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

JUAN FERNANDEZ-BARQUIN, CLERK

By: **Basia Pruna**
Deputy Clerk

Approved by County Attorney as
to form and legal sufficiency. CJW

Christopher J. Wahl