

Memorandum



Date: August 31, 2020

Agenda Item No. 5(S)

To: Honorable Chairwoman Audrey M. Edmonson
and Members, Board of County Commissioners

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

Subject: Class I Permit Application by City of Miami

Recommendation

I have reviewed the attached application for a Class I permit by the City of Miami 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 on Arthur J. Lamb Road on Virginia Key, Miami, in Commission District 7, which is represented by Commissioner Xavier L. Suarez.

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, McKee Gray, in the Department of Regulatory and Economic Resources, Division of Environmental Resources Management (DERM), will be responsible for monitoring the proposed permit.

Background

The subject Class I permit application requests authorization for redevelopment of the existing non-motorized vessel ramp in Virginia Key Beach North Point Park, to include the filling of tidal waters in association with the improvement of the non-motorized vessel ramp. The proposed project is required to be reviewed and approved by the Board at a public hearing because the filling associated with the boat ramp improvements are 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 boat ramp is located along Lamar Lake within the Virginia Key North Point Park and is in disrepair. In order to make the ramp functional and safe for patrons, the applicant proposes to remove the existing dilapidated boat ramp and install a new 656 square foot boat ramp within the same footprint. The construction of the proposed new boat ramp involves the filling of approximately 324 square feet below the mean high-water line and the placement of a mat to facilitate the launching and retrieval of kayaks and other non-motorized vessels.

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. This

proposed filling is the minimum necessary to maintain the ramp, specifically to adequately and safely facilitate the launching and retrieval of non-motorized vessels and therefore complies with the criteria listed in Section 24.48.3(2)(c) of the Code because it is the minimum necessary for the creation and maintenance of marinas, piers, docks and attendant navigational channels.

The proposed project has been evaluated for consistency with the Miami-Dade County Manatee Protection Plan. The project is located within an area designated as essential habitat for the Florida manatee, but the Manatee Protection Plan does not include specific limitations for marine facilities at this site, other than compliance with existing zoning or environmental regulations. Furthermore, the proposed use is strictly for the launching of non-motorized vessels, including kayaks, canoes, and paddleboards, and the proposed use is consistent with the historic use of the property. The Class I permit will 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. No seagrasses, macro algae or corals were documented within the project footprint and the submerged bottom does not support significant benthic habitat. As the proposed ramp will be installed in the same footprint as the existing ramp, no adverse environmental impacts are reasonably anticipated to occur as a result of the proposed project. The Class I permit will require that turbidity controls be utilized during all phases of construction to ensure compliance with State and County water quality standards. Mitigation for minor temporary impacts to water quality associated with the filling of tidal waters will be satisfied through a contribution to the Biscayne Bay Environmental Enhancement Trust Fund.

Please note that there are no riparian owners within 300 feet of the proposed project other than the City of Miami. Therefore, no courtesy notices were sent out for this application.

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 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: DERM Project Report

Attachment A
Class I Permit Application



Class I Permit Application

RA

FOR DEPARTMENTAL USE ONLY	
Date Received: JAN 27 2020 PERMITS DIVISION REGULATORY	Application Number: LI-2020-0039 Application Fee: \$

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

1. Applicant Information:

Name: City of Miami c/o Emilio T. Gonzalez - City Manager

Address: 3500 Pan American Way

Miami, Florida Zip Code: 33133

Phone #: 305-416-1025 Fax #: 305-416-1025

Email: etgonzalez@miamigov.com

* 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: Colin Henderson, T.Y. Lin International

Address: 201 Alhambra Circle, Suite 900

Coral Gables, Florida Zip Code: 33134

Phone #: 305-714-4037 Fax #: 305-567-1771

Email: colin.henderson@tylin.com

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

Folio #(s): 01-4216-000-0011 & -0020

Latitude: Longitude:

Street Address: Arthur Lamb Road Section: 16 Township: 54S Range: 42E

In City or Town: Miami Near City or Town:

Name of waterway at location of the activity: Lamar Lake (Biscayne Bay)

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

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

☒ Other: Kayak launch

Estimated project cost = \$

Are you seeking an after-the-fact approval (ATF)? ☐ Yes ☒ No If "Yes", describe the ATF work:**5. Proposed Use (check all that apply):**

- ☐ Single Family
☐ Multi-Family
☐ Private
☒ 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): Kayaks

Vessel Make/Model (if known): N/A

Draft (s) (range in inches): 4" - 6" Length (s) (range in feet): 8' - 14'

Total Number of Slips: N/A

7. List all permits or certifications that have been applied for or obtained for the above referenced work:

Issuing Agency	Type of Approval	Identification Number	Application Date	Approval Date
USACE	NWP 3 & 13	SAJ-2016-29-123505	3-21-16	9-29-16

8. Contractor Information (If known):Name: N/A License # (County/State): _____

Address: _____ Zip Code: _____

Phone #: _____ Fax #: _____ E-mail: _____

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

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

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

A. IF APPLICANT IS AN INDIVIDUAL

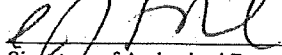
Signature of Applicant _____ Print Applicant's Name _____ Date _____

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

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

Emilio T. Gonzalez, on behalf of _____ City of Miami _____ 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.*****

 _____ Emilio T. Gonzalez _____ City Manager _____ 1/24/2020
 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 _____

I/We are the fee simple owner(s) of the real property located at Arthur Lamb Rd, Virginia Key, Miami & Deed 2166 Miami-Dade County, Florida, otherwise identified in the public records of Miami-Dade County as Folio No. 01-4216-000-0011 & -0020.

A. IF THE OWNER(S) IS AN INDIVIDUAL

Signature of Owner	Print Owner's Name	Date
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Emilio T. Gonzalez on behalf of	City of Miami	Florida
Print Name of Owner (Enter the complete name as registered)	Type (Corp, LLC, LLP, etc.)	State of Registration/Incorporation
3500 Pan American Way, Miami, Florida 33133		
Address of Owner		

	Emilio T. Gonzalez	City Manager	1/04/2020
Signature of Authorized Representative	Print Authorized Representative's Name	Title	Date

Signature of Authorized Representative	Print Authorized Representative's Name	Title	Date
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Box 10: either A or B

Attachment B

Owner/Agent Letter, Engineer Letter and Project Sketches

TYLIN INTERNATIONAL

engineers | planners | scientists

PERMIT APPLICANT / AUTHORIZED AGENT STATEMENT

April 21, 2020

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-2020-0039

By the attached Class I Standard Form permit application with supporting documents, I, Colin Henderson, am the authorized agent and hereby request permission to perform the work associated with Class I Permit Application CLI-2020-0039. 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,



Colin Henderson, Authorized Agent

ENGINEER LETTER OF CERTIFICATION

April 30, 2020

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

RE: Class I Permit Application Number CLI-2020-0039

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,



Digitally Signed by Francisco J. Alonso,
P.E. Florida P.E. No. 66918. Printed
copies of this document are not
considered signed and sealed. The
signature must be verified on the
electronic documents.
2020.04.30 14:04:20-04'00'

Francisco Alonso, P.E.
P.E. # 66918



Mayor
Francis Suarez

Commissioner:

Chairman - D5 Commissioner
Keon Hardemon

Vice Chairman - D2 Commissioner
Ken Russell

D1 Commissioner
Alex Diaz de la Portilla

D3 Commissioner
Joe Carollo

D4 Commissioner
Manolo Reyes

City Manager
Emilio T. Gonzalez

CITY OF MIAMI

OFFICE OF CAPITAL IMPROVEMENTS

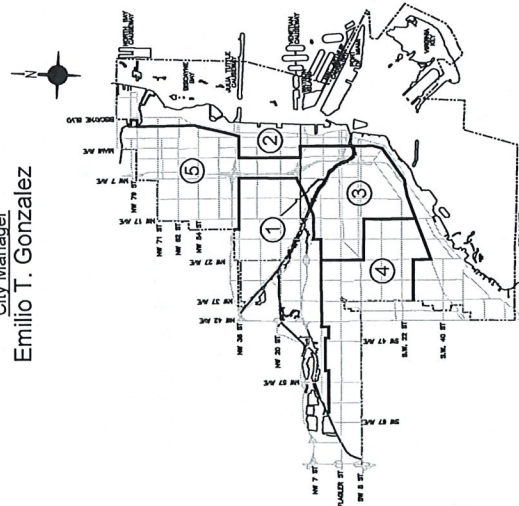
Steven C. Williamson, Director

VIRGINIA KEY KAYAK LAUNCH D-2, PHASE 2

[B-40584]

[3801 RICKENBACKER CSWY]

[PERMIT SET, FEBRUARY 25, 2020]



INDEX OF DRAWINGS		
Sheet	Description	Sheet
1	COVER SHEET	
2	GENERAL NOTES	
3	EXISTING CONDITIONS	
4	CLEARING AND GRUBBING	
5	SITE PLAN	
6	KAYAK RAMP DETAILS	
7	TURBIDITY BARRIER DETAILS	
8	TURBIDITY BARRIER DETAILS	

SPACE RESERVED FOR CITY OF MIAMI APPROVAL STAMP

T-Y-LIN INTERNATIONAL
201 ALHAMBRA CIRCLE SUITE 900
CORAL GABLES, FLORIDA 33134
PHONE: (305) 567-1888
FAX: (305) 567-1771
E: 600002017

CIVIL ENGINEER OF RECORD:
FRANCISCO ALONSO, P.E.
P.E. NO.: 66918

PROJECT:	VIRGINIA KEY KAYAK LAUNCH - D-2 PHASE 2
REVISIONS - SUBMITTALS	DATE
No.	
SEAL	
SHEET No.	COVER
PAGE No.	1 OF 9

GENERAL NOTES:

1. THE CONTRACTOR MUST HAND EXCAVATE AROUND AREAS WHERE EXISTING UNDERGROUND UTILITIES ARE EXPECTED OR SUSPECTED IN ORDER TO AVOID DAMAGES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REPAIRS AND COSTS TO CORRECT DAMAGES RESULTING FROM FAILURE TO TAKE ALL NECESSARY PRECAUTIONS INCLUDING LOCATING, MARKING AND CAREFUL EXCAVATION, AND SHOULD BE INCIDENTAL TO THE COST OF THE PROJECT.
 2. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO COMMENCING CONSTRUCTION.
 3. IT IS THE OBLIGATION OF THE CONTRACTOR TO MAKE THEIR OWN INVESTIGATION TO FULLY UNDERSTAND SUBSURFACE CONDITIONS PRIOR TO SUBMITTING THEIR BID. FAILURE TO DO SO, WILL NOT RELIEVE THEM OF THEIR OBLIGATION TO COMPLETE THE WORK FULLY AND ACCEPTABLE TO THE ENGINEER AND THE OWNER FOR THE CONSIDERATION SET FORTH IN THEIR BID.
 4. CONTRACTOR SHALL NOT SCALE DIMENSIONS FROM PRINTS FOR CONSTRUCTION PURPOSES.
 5. ALL DISTURBED GRASS AREAS SHALL BE RESTORED WITH SUITABLE SOIL AND SOLID ST AUGUSTINE SOD IF NOT SPECIFIED OTHERWISE ON THE PLANS.
 6. IT IS THE INTENT OF THESE PLANS TO BE IN COMPLIANCE WITH APPLICABLE CODES OF AUTHORITIES HAVING JURISDICTION. ANY DISCREPANCIES BETWEEN THESE PLANS AND APPLICABLE CODES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER.
 7. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING TREES, STRUCTURES, UTILITIES AND UTILITY MARKERS, WHICH MAY NOT BE SHOWN ON PLANS. ANY EXISTING STRUCTURES, PAVEMENT, TREES, UTILITIES, UTILITY MARKERS OR OTHER EXISTING IMPROVEMENT NOT SPECIFIED FOR REMOVAL WHICH IS TEMPORARILY DAMAGED, EXPOSED OR IN ANY WAY DISTURBED BY CONSTRUCTION PERFORMED UNDER THIS CONTRACT, SHALL BE REPAIRED, PATCHED OR REPLACED AT NO ADDITIONAL COST TO THE OWNER.
- CONSTRUCTION NOTES:**
1. ALL WORK SHALL BE IN COMPLIANCE WITH THE REQUIREMENTS OF, AND ACCEPTABLE TO, THE CITY OF MIAMI PUBLIC WORKS DEPARTMENT AND MIAMI-DADE COUNTY DEPARTMENT OF REGULATOR AND ECONOMIC RESOURCES.
 2. THE CONTRACTOR SHALL PROVIDE THEIR OWN LINE AND GRADE FROM HORIZONTAL AND VERTICAL CONTROL. THE CONTRACTOR SHALL ALSO PROVIDE "AS BUILT" GRADES CERTIFIED BY A REGISTERED PROFESSIONAL LAND SURVEYOR AS REQUIRED BY THE CITY OF MIAMI PUBLIC WORKS DEPARTMENT.
 3. BID PRICES SHALL INCLUDE ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS COMPLETE IN PLACE, TESTED, AND ACCEPTED BY THE ENGINEER.
 4. THE CONTRACTOR SHALL USE A SWEEPER (USING WATER) OR OTHER EQUIPMENT CAPABLE OF CONTROLLING AND REMOVING DUST. APPROVAL OF THE USE OF SUCH EQUIPMENT IS CONTINGENT UPON ITS DEMONSTRATED ABILITY TO DO WORK.
 5. THE CONTRACTOR IS RESPONSIBLE FOR KEEPING EXISTING INLETS CLEAN OF DEBRIS AND ANY OTHER MATERIALS USED DURING CONSTRUCTION AT ALL TIMES DURING CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER. ALL EXISTING LINES AND STRUCTURES SHALL BE CLEANED PRIOR TO FINAL INSPECTION AND ACCEPTANCE.
 6. CONTRACTOR SHALL CONTACT SUNSHINE STATE ONE-CALL OF FLORIDA, INC (SUNSHINE 811) AT (800) 432-4770 AT LEAST 48 HOURS PRIOR TO PERFORMING ANY DIGGING TO VERIFY THE EXACT LOCATION OF EXISTING UTILITIES.
 7. ALL TREES SHALL BE RELOCATED OUTSIDE OF CONSTRUCTION AREA WHERE FEASIBLE; NO IMPACTS TO MANGROVE TREES ARE PERMITTED UNDER THE PROJECT SCOPE.
 8. THE CONTRACTOR SHALL PREPARE AND SUBMIT SHOP DRAWINGS FOR ALL ITEMS LISTED IN PROJECT SPECIFICATION (WHERE APPLICABLE).
 9. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES.
 10. ALL EXISTING DRAINAGE STRUCTURES AND PIPES ARE TO REMAIN AND BE PROTECTED UNLESS OTHERWISE SPECIFIED AND APPROVED.
 11. THE CONTRACTOR SHALL IMPLEMENT AND ENFORCE ALL NPDES EROSION AND SEDIMENT CONTROL RULES AND REGULATIONS.
 12. THE CONTRACTOR SHALL INCLUDE IN THE BID PRICE FOR CLEARING AND GRUBBING.

ENVIRONMENTAL NOTES


1. ANY MATERIAL TO BE STOCKPILED FOR PERIODS GREATER THAN 24 HOURS SHALL BE PROTECTED BY APPROPRIATE EROSION CONTROL DEVICES.
2. THE CONTRACTOR SHALL REVIEW ENVIRONMENTAL REQUIREMENTS OF ANY PROPOSED STAGING AREAS WITH THE PROJECT ENGINEER AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO USE.
3. NO STAGING OR OTHER ACTIVITIES FOR THIS PROJECT WILL BE ALLOWED WITHIN ENVIRONMENTALLY SENSITIVE AREAS.
4. THE CONTRACTOR SHALL NOT STAGE OR OPERATE EQUIPMENT WITHIN THE DRIPLINE OF TREES.
5. THE CONTRACTOR SHALL PROVIDE A CERTIFIED ARBORIST TO DETERMINE AND PERFORM OR DIRECT ANY ROOT PRUNING AND ANY OTHER TRIMMING ACTIVITIES AT NO ADDITIONAL COST TO THE OWNER.

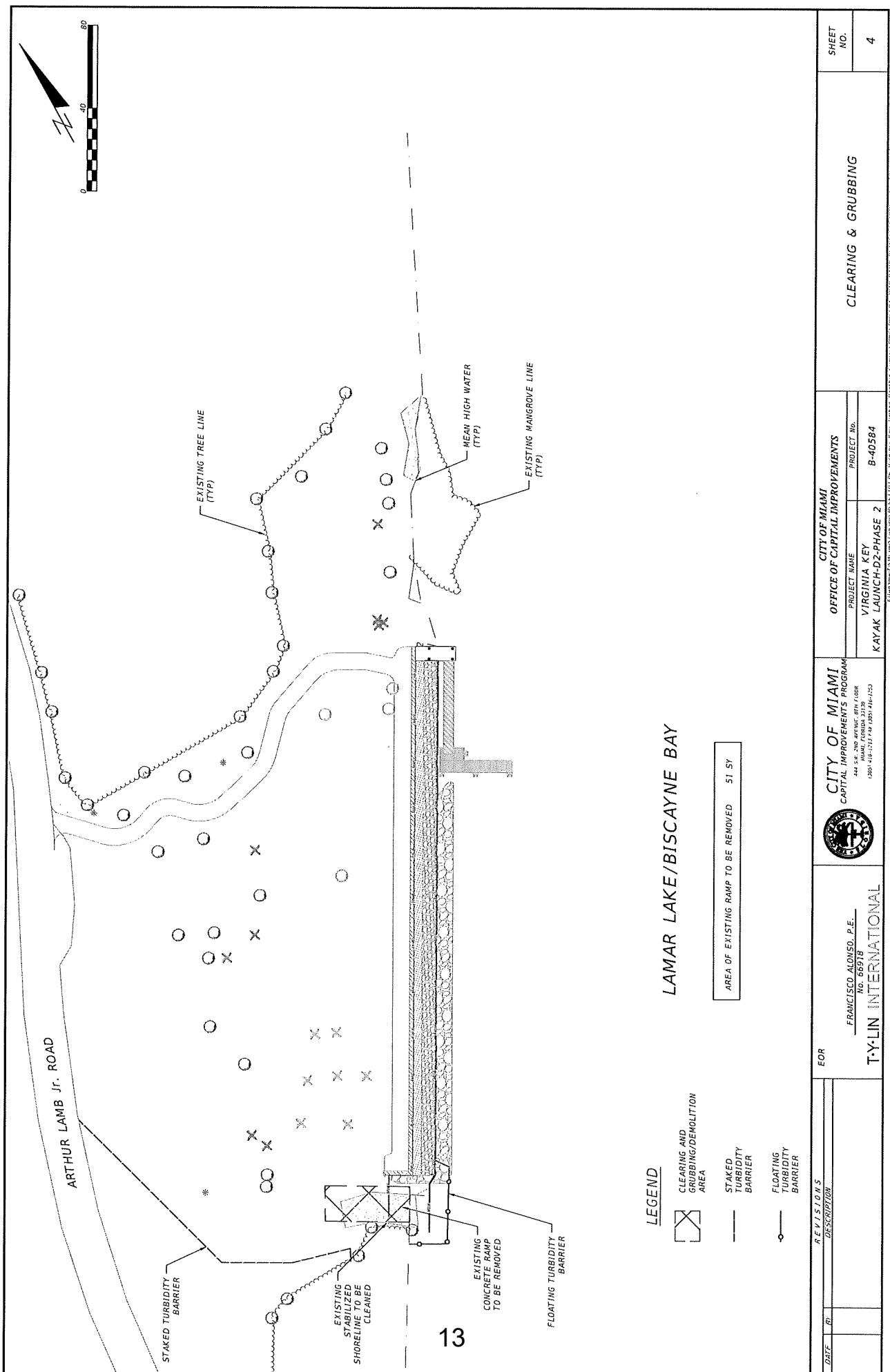
STRUCTURAL NOTES:

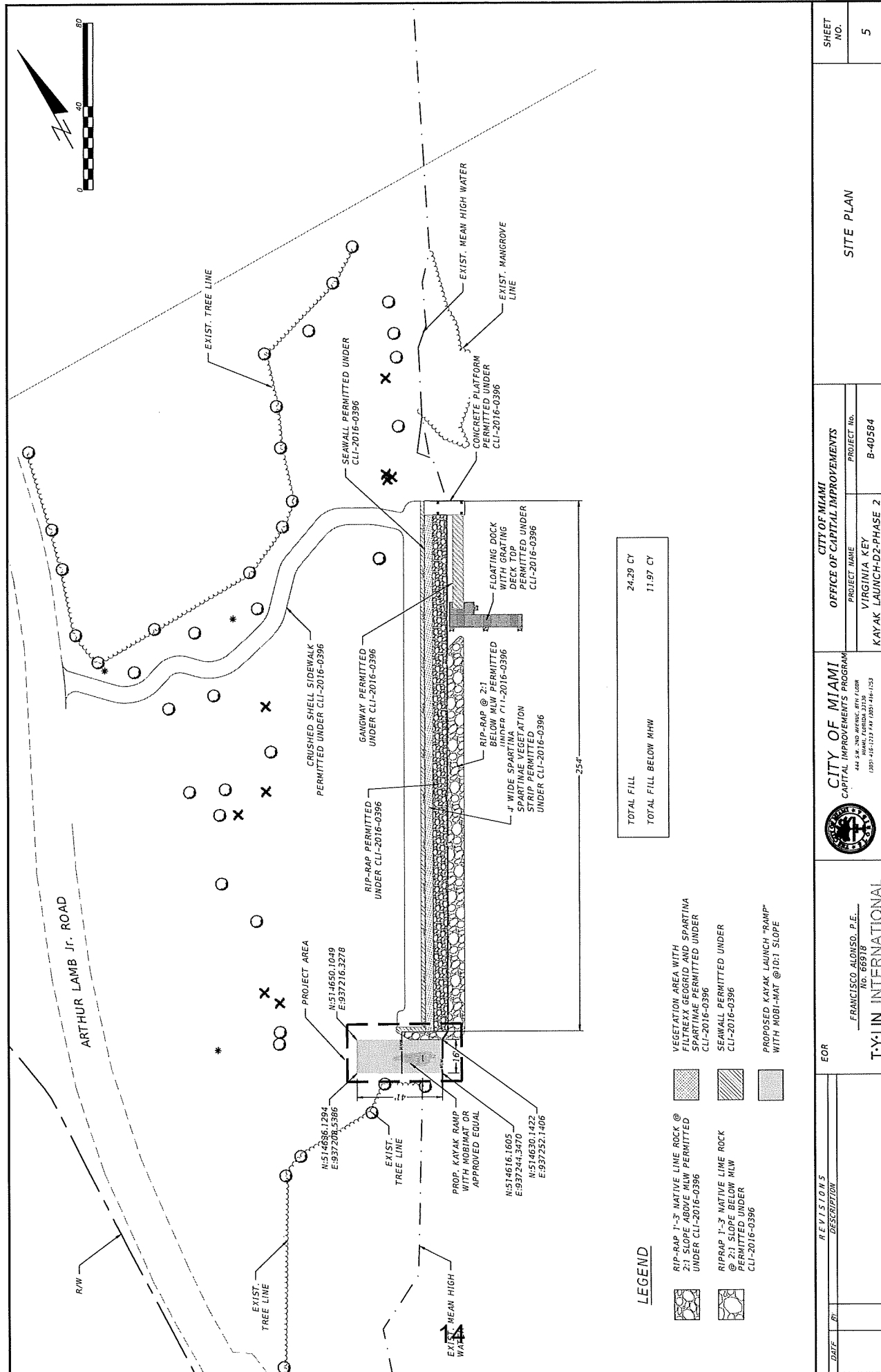
1. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE FDOT 2019-20 STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION.
2. DESIGN SHALL BE IN ACCORDANCE WITH THE FDOT STRUCTURES MANUAL JANUARY 2018, AND SUBSEQUENT STRUCTURES DESIGN BULLETINS. THE FDOT STRUCTURAL DESIGN STANDARD INDEXES/DRAWINGS, 2017-18, AS AMENDED BY CONTRACT DOCUMENTS, AND ALL SUBSEQUENT INTERIMS.
3. VERTICAL DATUM IS MVD 29.
4. ENVIRONMENT IS CLASSIFIED AS EXTREMELY AGGRESSIVE.
5. PLAN DIMENSIONS
6. UTILITIES
- 6.1. LOCATIONS AND ELEVATIONS SHALL BE VERIFIED BY THE CONTRACTOR BEFORE CONSTRUCTION BEGINS.
- 6.2. FOR STORM DRAINS AND OTHER UTILITIES, FOLLOW GENERAL NOTES ON PROCEDURES INVOLVING EXISTING UTILITIES.
7. CUT AND FILL OPERATIONS
- 7.1. THE CONTRACTOR SHALL NOTIFY ADJACENT OWNERS AND INVOLVED UTILITIES IN WRITING TWO (2) WEEKS BEFORE EXCAVATION OPERATIONS BEGIN.
- 7.2. QUANTITIES FOR CUT AND FILL SHOWN IN THESE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR BEFORE BIDDING.
- 7.3. ANY EXCAVATED MATERIAL THAT IS DEEMED BY THE ENGINEER UNSUITABLE FOR FILLING SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR AT AN APPROVED FACILITY OR DUMP SITE. THE COST FOR DISPOSAL OF UNSUITABLE MATERIAL SHALL BE INCLUDED IN THE COST OF CUT AND FILL.
8. MOBIMAT OR AS APPROVED EQUAL BY ENGINEER
- 11.1. INSTALLATION OF SPECIALTY MOBIMAT SHALL BE UNDER SUPERVISION OF MAT PRODUCT REPRESENTATIVE.
- 11.2. MAINTENANCE SHALL BE PERFORMED PER MANUFACTURER RECOMMENDATIONS.


UTILITY COMPANY CONTACT LIST:

AT&T/DISTRIBUTION	STEVE LOW	305-322-8745
COMPACT CABLE	LEONARD MAXWELL-NEUBOLD	954-447-8405
DADE COUNTY PUBLIC WORKS & TRAFFIC	UCTAVIO VIDAL	305-412-0891 EXT. 201
FLORIDA POWER AND LIGHT-DADE	FRANCY STERN	800-868-9554
FLORIDA POWER AND LIGHT-SUT	SERGIY HALASSADOLLAH	305-228-5290
MIAMI-DADE SEWER	SERGIO GARCIA	786-268-5320

				<div>CITY OF MIAMI CAPITAL IMPROVEMENTS PROGRAM 441 S.W. 2ND AVE. SUITE 875 FLORIDA MIAMI, FLORIDA 33130 (305) 416-1252 FAX (305) 430-1252</div> <div><div>FRANCISCO ALONSO, P.E. No. 069518</div></div> <div>T-Y-LIN INTERNATIONAL</div>		<div>CITY OF MIAMI OFFICE OF CAPITAL IMPROVEMENTS</div> <div><div>PROJECT NAME VIRGINIA KEY</div><div>PROJECT NO. B-40584</div></div> <div>KAYAK LAUNCH-D2-PHASE 2</div>		GENERAL NOTES		SHEET NO. 2	
REVISIONS											
DATE	BY	DESCRIPTION		EOR							





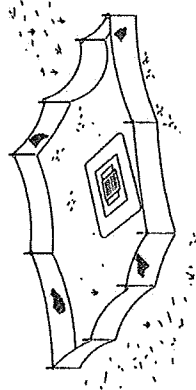
DATE		PI	REVISIONS		DESCRIPTION		EOR		<div><div>CITY OF MIAMI CAPITAL IMPROVEMENTS PROGRAM 444 S.W. 2ND AVENUE, 8TH FLOOR MIAMI, FLORIDA 33139 (305) 442-1111 FAX (305) 442-1053</div></div>		FRANCISCO ALONSO, P.E. No. 66918		T-Y-LIN INTERNATIONAL		CITY OF MIAMI OFFICE OF CAPITAL IMPROVEMENTS		PROJECT NAME PROJECT No.		VIRGINIA KEY KAYAK LAUNCH-D2-PHASE 2 B-40584		SITE PLAN		SHEET NO. 5	
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NOTES FOR SILT FENCES

1. Type III Silt Fence is to be used at most locations. Where used in ditches, the spacing for Type III Silt Fence shall be in accordance with Chart I, Sheet I of FDOT INDEX 102.
2. Type III Silt Fence is to be used where large sediment loads are anticipated. Suggested use is where fill slope is 1:2 or steeper and length of slope exceeds 25 feet. Avoid use where the detained water may back into travel lanes or off the right of way.
3. Do not construct silt fences across permanent flowing watercourses. Silt fences are to be at upland locations and turbidity barriers used at permanent bodies of water.
4. Where used as slope protection, Silt Fence is to be constructed on 0% longitudinal grade to avoid channelizing runoff along the length of the fence.
5. Silt Fence to be paid for under the contract unit price for Staked Silt Fence, (LF).

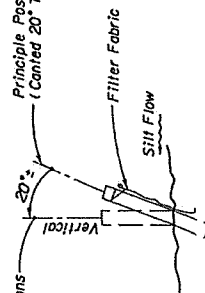
GENERAL NOTES

1. Floating turbidity barriers are to be paid for under the contract unit price for Floating Turbidity Barrier, LF.
2. Staked turbidity barriers are to be paid for under the contract unit price for Staked Turbidity Barrier, LF.

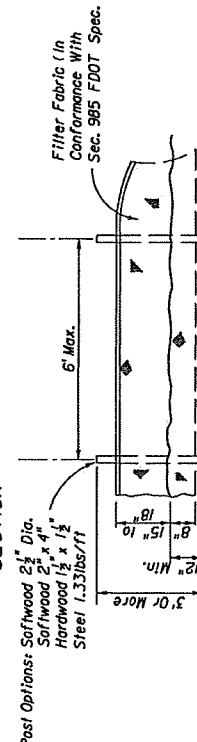


Silt Fence Protection Around Ditch Bottom Inlets.

Optional Post Positions
 Principle Post Position
 (Canted 20° Toward Flow)

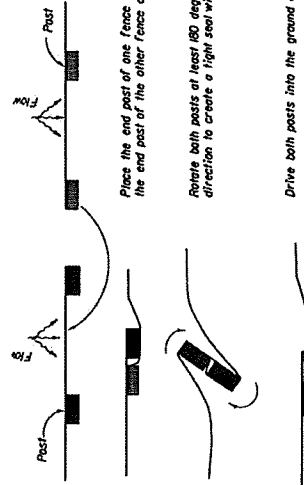


SECTION



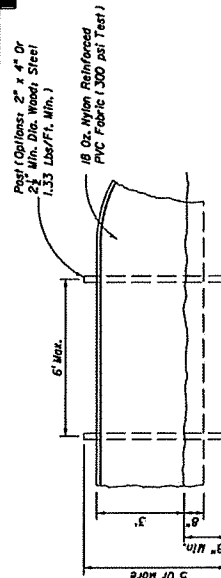
ELEVATION

TYPE III SILT FENCE



PLAN VIEW

JOINING TWO SILT FENCES



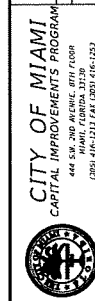
LEGEND STAKED TURBIDITY BARRIER

- Pile Locations
- ▨ Dredge Or Fill Area
- ⊕ Mooring Buoy w/Anchor
- ⊖ Anchor
- ⤵ Barrier Movement Due To Current Action

REVISIONS

FOR

FRANCISCO ALONSO, P.E.
 No. 66918
 T-Y-LIN INTERNATIONAL



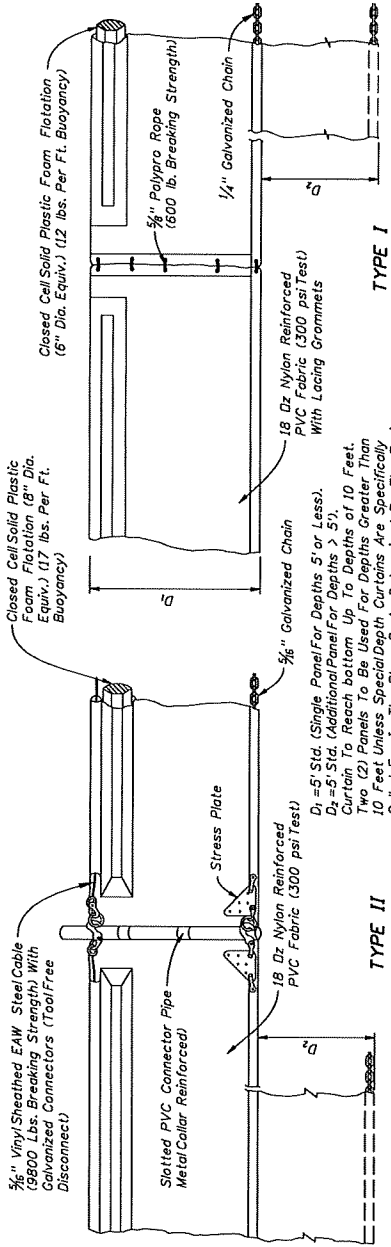
CITY OF MIAMI
 OFFICE OF CAPITAL IMPROVEMENTS
 PROJECT NAME
 VIRGINIA KEY
 KAYAK LAUNCH-D2-PHASE 2
 PROJECT NO.
 B-40584

TURBIDITY DETAILS

SHEET NO.

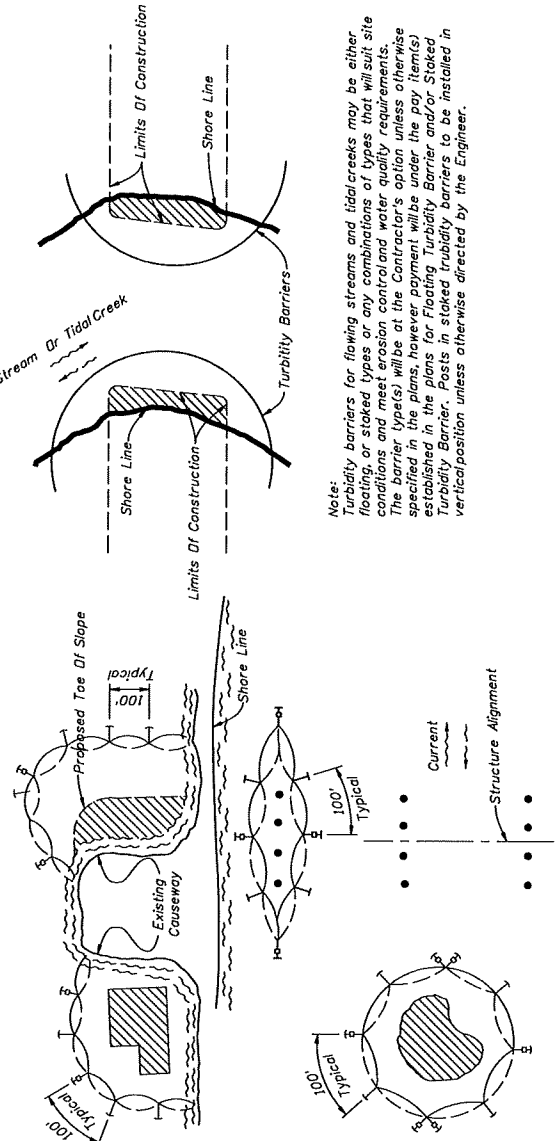
7

File name: C:\Miami\Projects\N\33191\Job_Virginia Key Jimboe Breeding Survey\DWG\N04-2019 KARP PLANS\TURBIDITY DETAILS - PKG.DWG, 2/2/2020



NOTICE: COMPONENTS OF TYPES I AND II MAY BE SIMILAR OR IDENTICAL TO PROPRIETARY DESIGNS. ANY INFRINGEMENT ON THE PROPRIETARY RIGHTS OF THE DESIGNER SHALL BE THE SOLE RESPONSIBILITY OF THE USER. SUBSTITUTIONS FOR TYPES I AND II SHALL BE AS APPROVED BY THE ENGINEER.

FLOATING TURBIDITY BARRIERS



- Notes:
1. Turbidity barriers are to be used in all permanent bodies of water regardless of water depth.
 2. Number and spacing of barrier around pile locations may vary to accommodate construction operations.
 3. Deployment of barrier around pile locations may vary to accommodate construction operations.
 4. Navigation may require segmenting barrier during construction operations.

Note: Turbidity barriers for flowing streams and tidal creeks may be either floating, or staked types or any combinations of types that will suit site conditions and meet erosion control and water quality requirements. The barrier type(s) will be at the Contractor's option unless otherwise specified in the plans, however payment will be under the pay item(s) established in the plans for Floating Turbidity Barrier and/or Staked Turbidity Barrier. Posts in staked turbidity barriers to be installed in vertical position unless otherwise directed by the Engineer.

TURBIDITY BARRIER APPLICATIONS

DATE	REV	REVISIONS DESCRIPTION	EOR	CITY OF MIAMI OFFICE OF CAPITAL IMPROVEMENTS		CITY OF MIAMI CAPITAL IMPROVEMENTS PROGRAM		CITY OF MIAMI CAPITAL IMPROVEMENTS PROGRAM		T-Y-LIN INTERNATIONAL		SHEET NO.
				PROJECT NAME	PROJECT NO.	PROJECT NAME	PROJECT NO.	PROJECT NAME	PROJECT NO.	PROJECT NAME	PROJECT NO.	
				VIRGINIA KEY	B-40584	VIRGINIA KEY	B-40584	VIRGINIA KEY	B-40584	VIRGINIA KEY	B-40584	8
				KAYAK LAUNCH-D2-PHASE 2		KAYAK LAUNCH-D2-PHASE 2		KAYAK LAUNCH-D2-PHASE 2		KAYAK LAUNCH-D2-PHASE 2		

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Attachment C

DERM Project Report

CLASS I PERMIT APPLICATION NO. CLI-2020-0039

Class I Permit Application by the City of Miami for the Filling of Tidal Waters in Association with Improvements to an Existing Non-Motorized Vessel Ramp on Lamar Lake in the Virginia Key Beach North Point Park in the City of Miami, Miami-Dade County, Florida

DATE: May 20, 2020

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. No seagrasses, macro algae or corals were documented within the project footprint and the submerged bottom does not support significant benthic habitat. As the proposed ramp will be installed in the same footprint as the existing ramp, no adverse environmental impacts are reasonably anticipated to occur as a result of the proposed project. The Class I permit will require that turbidity controls be utilized during all phases of construction to ensure compliance with State and County water quality standards. Mitigation for minor temporary impacts to water quality associated with the filling of tidal waters will be satisfied through a contribution to the Biscayne Bay Environmental Enhancement Trust Fund.

The proposed project has been evaluated for consistency with the Miami-Dade County Manatee Protection Plan. The project is located within an area designated as essential habitat for the Florida manatee and the Manatee Protection Plan does not include specific limitations for marine facilities at this site, other than compliance with existing zoning or environmental regulations. Furthermore, the proposed use is strictly for the launching of non-motorized vessels, including kayaks, canoes, and paddleboards and the proposed use is consistent with the historic use of the property. The Class I permit will require that all standard construction permit conditions regarding manatee protection be followed during all in-water operations.

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 may affect surface water quality on a temporary basis during construction operations 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 proposed project is not reasonably expected to adversely affect historic values.
12. **Archaeological Values** - The proposed project is not reasonably expected to adversely affect archaeological values.
13. **Air Quality** – The proposed project is not reasonably expected to adversely affect air quality.
14. **Marine and Wildlife Habitats** – The proposed project is not reasonably expected to adversely affect marine and wildlife habitats as set forth in Number 1 above.
15. **Wetland Soils Suitable for Habitat** – 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 as set forth in Number 1 above.
19. **Natural Flood Damage Protection** - The proposed project is not reasonably expected to adversely affect surface water drainage or retention of stormwater.
20. **Wetland Values** – The proposed project is 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, applications for Class I permits by a municipality within its own jurisdiction shall not be required to submit a substantiating letter or plan approval from the local zoning authority.
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 of Miami-Dade County 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) Florida Department of Environmental Protection (permit is required).
27. **Conformance with the Miami-Dade County Comprehensive Development Master Plan (CDMP)**
- In the opinion of the Director, the proposed project is 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 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 proposed project is not located within the Miami River.

CONSERVATION, AQUIFER RECHARGES AND DRAINAGE ELEMENT IV:

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

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

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

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

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

Objective 6/Policy 6B - Guidelines for rock quarries for the re-establishment of native flora and fauna.

—
The proposed project is not located in a rock quarry.

Objective 7/Policy 7A, 7C, 7D, 7J - Wetland protection and restoration. – The proposed project is not located within a wetland.

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. – The proposed project is not located within coastal wetlands.

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. - The proposed project is not located within a mangrove forest or related natural vegetational community.

Objective 1/Policy 1E - Mitigation for the degradation and destruction of coastal wetlands. Monitoring and maintenance of mitigation areas. – The proposed project is not located within coastal wetlands.

Objective 1/Policy 1G - Prohibition on dredging or filling of grass/algal flats, hard bottom or other viable benthic communities, except as provided for in Chapter 24 of the Code of Miami-Dade County, Florida. The proposed project complies with the following criteria:

(c) Minimum dredging and filling for the creation and maintenance of marinas, piers, docks and attendant navigational channels.

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. - The proposed project will enhance the existing water-dependent use as set forth in Number 1.

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 of Miami-Dade County) - The proposed project is in conformance with the Biscayne Bay Management Plan.
30. **Conformance with the Miami-Dade County Manatee Protection Plan (MPP)** - The proposed project is consistent with the MPP as set forth in Number 1 above.
31. **Consistency with Miami-Dade County Criteria for Lake Excavation** – The proposed project does not involve lake excavation.

32. **Municipality Recommendation** – Pursuant to Section 24-48.2(II)(B)(7) of the Code of Miami-Dade County, Florida, applications for Class I permits by a municipality 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 of Miami-Dade County.
34. **Maximum Protection of a Wetland's Hydrological and Biological Functions** – The proposed project is not located within a wetland.
35. **Class I Permit Applications Proposing to Exceed the Boundaries Described in Section D-5.03(2)(a) of the Miami-Dade County Public Works Manual** – Not applicable.

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

24-48.3 (2) Dredging and Filling for Class I Permit – The proposed project complies with the following criteria:

(c) Minimum dredging and filling for the creation and maintenance of marinas, piers, docks and attendant navigational channels.


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

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

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



McKee Gray, Manager
Coastal Resources Section



Rockell Alhale, ERPS
Coastal Resources Section



MEMORANDUM

(Revised)

TO: Honorable Chairwoman Audrey M. Edmonson
and Members, Board of County Commissioners

DATE: August 31, 2020

FROM: Abigail Price-Williams
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 ____, 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) ____, or 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)
8-31-20

RESOLUTION NO. _____

RESOLUTION TAKING ACTION ON A CLASS I PERMIT APPLICATION BY THE CITY OF MIAMI FOR THE FILLING OF TIDAL WATERS IN ASSOCIATION WITH IMPROVEMENTS TO AN EXISTING NON-MOTORIZED VESSEL RAMP ON LAMAR LAKE IN THE VIRGINIA KEY BEACH NORTH POINT PARK IN THE CITY OF 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, hereby approves the application by the City of Miami for the filling of tidal waters in association with improvements to an existing non-motorized vessel ramp on Lamar Lake in the Virginia Key Beach North Point Park in the City of 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 _____, who moved its adoption. The motion was seconded by Commissioner _____ and upon being put to a vote, the vote was as follows:

Audrey M. Edmonson, Chairwoman

Rebeca Sosa, Vice Chairwoman

Esteban L. Bovo, Jr.

Jose "Pepe" Diaz

Eileen Higgins

Joe A. Martinez

Dennis C. Moss

Xavier L. Suarez

Daniella Levine Cava

Sally A. Heyman

Barbara J. Jordan

Jean Monestime

Sen. Javier D. Souto

The Chairperson thereupon declared this resolution duly passed and adopted this 31st day of August, 2020. 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

HARVEY RUVIN, CLERK

By: _____
Deputy Clerk

Approved by County Attorney as
to form and legal sufficiency.



Abbie Schwaderer-Raurell