

Memorandum



Date: November 1, 2022

To: Honorable Chairman Jose “Pepe” Diaz
and Members, Board of County Commissioners

Agenda Item No. 5(J)

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

Subject: Class I Permit Application by the 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 at Little River Pocket Park at 998 Northeast 78th Street, Miami, in Commission District 3, which is represented by Commissioner Keon Hardemon.

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

Background

The subject Class I permit application requests authorization for the installation of a ramp to be used exclusively by non-motorized kayaks, canoes, and paddleboards within Little River Pocket Park to include the filling of tidal waters and for the installation of a new concrete seawall and riprap placement. The proposed project is required to be heard and decided upon by the Board at a public hearing because the filling associated with the ramp installation 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 City of Miami public park is located adjacent to the Little River. The shoreline is partially stabilized by a concrete seawall with associated T-piles and the remainder of the property consists of

an unconsolidated shoreline vegetated by red and white mangroves. Under the subject application, the City is proposing to install an approximately 347 square foot ramp to be used solely for the launching and retrieval of non-motorized kayaks, canoes, and paddleboards. The construction of the proposed ramp would result in the filling of approximately 101 square feet of tidal waters.

In addition to the above mentioned work, the subject application also requests authorization for the stabilization of the shoreline through the installation of a seawall within 1.0 foot of the wetface of the existing seawall and the placement of riprap along the unconsolidated portion of the shoreline. The installation of replacement seawalls within 1.0 foot of the existing seawall and the installation of riprap boulders within 10.0 feet of the Mean High Water Line can be processed administratively as a short form Class I permit application. Therefore, these types of work are only coming before the Board as the aforementioned work is included in the subject application.

According to Section 24-48.3(2) of 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 filling proposed under the subject application is the minimum necessary to install the ramp, specifically to adequately and safely facilitate the launching and retrieval of non-motorized kayaks, canoes, and paddleboards and therefore complies with the criteria listed in Section 24-48.3(2)(c) of the Code, which states: minimum dredging and filling for the creation and maintenance of marinas, piers, docks and attendant navigational channels. In addition to the above mentioned work, the City is also requesting authorization for the installation of a seawall and the placement of riprap at the property. The proposed seawall and riprap are necessary to stabilize and protect the shoreline of the public park and therefore complies with the criteria listed in Section 24-48.3(2)(f) of the Code, which states: a physical modification necessary to protect public or private property.

The proposed project has been evaluated for consistency with the Miami-Dade County Manatee Protection Plan (MPP). The project is located within an area designated as essential habitat for the Florida manatee and recommended for “Residential Docking: 1 Motorboat per 100’ of Shoreline”. However, the MPP’s restrictions are focused on powerboats, other motorized vessels, and sailboats, and do not reference kayaks, canoes, or paddleboards, which would not create similar risks to manatees from crushing, propellers, or collisions. As the use of the proposed ramp would be strictly limited to the launching and retrieval of non-motorized kayaks, canoes, and paddleboards, the proposed work is consistent with the recommendations of the MPP. Furthermore, should a Class I permit be issued for the proposed work, the permit would include specific conditions restricting the use of the ramp only for the launching and retrieval of non-motorized kayaks, canoes, and paddleboards and 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. Section 24-48.4 of the Code also requires mitigation for permissible projects that otherwise result in unavoidable environmental impacts. Sparse seagrass was documented towards the east property line; however, the project has been designed as to not result in impacts to the seagrass. Additionally, no impacts to the existing mangroves are proposed; however, in order to ensure that the mangroves are not impacted during construction, the Class I permit would require the placement of the riprap by hand in lieu of the use of heavy machinery. Furthermore, the Class I permit would require that turbidity controls be utilized during all phases of construction to ensure compliance with State and County water quality standards. Therefore, no adverse environmental impacts are reasonably anticipated to occur as a result

of the proposed project. Mitigation for the filling of tidal waters and for minor temporary impacts to water quality associated with the installation of the ramp and seawall would be satisfied through the placement of riprap along the new seawall in order to extend the life of the seawall and create habitat. Any portion of the required mitigation that cannot be accommodated onsite 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 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 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: DERM Project Report
- Attachment E: South Florida Water Management District General Permit No. 16410-R (Excerpt)
- Attachment F: US Army Corps of Engineers Permit (Excerpt)

Attachment A
Class I Permit Application



Class I Permit Application

FOR DEPARTMENTAL USE ONLY

Date Received:

Application Number:

Application Fee:

(Updated 09/09)

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

1. Applicant Information:

Name: City of Miami, Arthur Noriega
 Address: 444 SW 2nd Ave, Miami, FL
 Zip Code: 33130
 Phone #: 305-416-1025 Fax#: _____
 Email: anoriega@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: T.Y. Lin International, Colin Henderson
 Address: 201 Alhambra Circle, Suite 900,
Coral Gables, FL Zip Code: 33134
 Phone #: 305-714-4037 Fax #: _____
 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): N/A Latitude: 25.846083 Longitude: -80.176389
 Street Address: NE 10th Ave & NE Little River Drive Section: 20 Township: 53 Range: 42
 In City or Town: Miami Near City or Town: _____
 Name of waterway at location of the activity: Little River (C-7 Canal)

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

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

Other: Kayak ramp

Estimated project cost = \$ 185,000

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): kayak/canoe/paddleboard
 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
USACE				
FDEP	Exemption			

8. Contractor Information (If known):

Name: TBD 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.)

City of Miami _____ Government _____ 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.*****

 _____ Arthur Noriega _____ City Manager _____
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 NE 10th Ave & NE Little River Drive Miami-Dade County, Florida, otherwise identified in the public records of Miami-Dade County as Folio No. N/A.

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.)

City of Miami Government Florida
 Print Name of Owner (Enter the complete name as registered) Type (Corp, LLC, LLP, etc.) State of Registration/Incorporation
444 SW 2nd Avenue, Miami, FL 33130
 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.*****

 _____ Arthur Noriega City Manager 3/17/21
 Signature of Authorized Representative Print Authorized Representative's Name Title Date

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

Please Review Above

Appropriate signature(s) must be included in:

Box 9: either A, B or C

AND

Box 10: either A or B

Attachment B

Owner/Agent Letter and Project Sketches

PERMIT APPLICANT / AUTHORIZED AGENT STATEMENT

Date: 4/28/2022

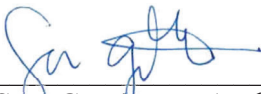
Miami Dade County Department of Regulatory and Economic Resources
Class I Permitting Program
701 NW 1st Court
Miami, FL 33136

Re: Class I Standard Form Permit Application Number CLI-2021-0175

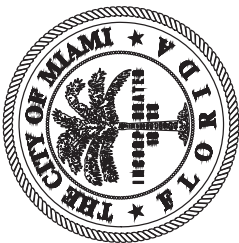
By the attached Class I Standard Form permit application with supporting documents, I, Sara Gutekunst, am the permit agent and hereby request permission to perform the work associated with Class I Permit Application CLI-2021-0175. I understand that a Miami-Dade County Class I Standard Form Permit is 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,



Sara Gutekunst, Authorized Agent



Mayor
Francis Suarez

Commission:

Chairman - D2 Commissioner
Ken Rusell

Vice Chairman - D1 Commissioner
Alex Diaz de la Portilla

D3 Commissioner
Joe Carollo

D4 Commissioner
Manolo Reyes

D5 Commissioner
Christine King

City Manager
Arthur Noriega

MDC010

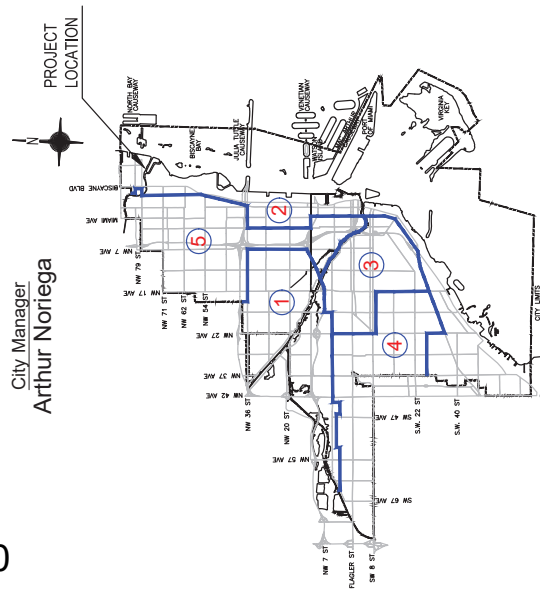
CITY OF MIAMI

OFFICE OF CAPITAL IMPROVEMENTS

LITTLE RIVER POCKET MINI PARK SHORELINE RESTORATION

B-193501

998 NE 78th Street, Miami, FL 33138
90% DESIGN PLANS, APRIL 29, 2022



Sheet	Description	Sheet	Description
1	COVER SHEET	12	SOLDIER PILE WALL DETAILS
C8	TOPOGRAPHIC SURVEY (1 OF 4)	13	SEAWALL ELEVATION AND DETAILS
PV-1	TOPOGRAPHIC SURVEY (2 OF 4)	14	LIGHTING PLAN
PV-2	TOPOGRAPHIC SURVEY (3 OF 4)	15	SWPPP (1 OF 3)
PV-3	TOPOGRAPHIC SURVEY (4 OF 4)	16	SWPPP (2 OF 3)
2	GENERAL NOTES	17	SWPPP (3 OF 3)
3	EXISTING CONDITIONS	18	TURBIDITY CONTROL DETAIL
4	SITE PLAN		
5	GRADING PLAN		
6	CROSS SECTIONS		
7	DETAILS		
	MINUTE BARRIER DETAIL		
9	SEAWALL LAYOUT PLAN AND ELEVATION		
10	SEAWALL AND PANEL DETAIL (1 OF 2)		
11	SEAWALL AND PANEL DETAIL (2 OF 2)		

INDEX OF DRAWINGS

PROJECT: LITTLE RIVER POCKET
MINI PARK SHORELINE
RESTORATION

NO. 1
DATE 08/09/00

REVISIONS - SUBMITTALS
XX

SEAL

SHEET NO. COVER PAGE NO. 1 OF 18

SPACE RESERVED FOR CITY OF MIAMI APPROVAL STAMP

TYLIN INTERNATIONAL

201 Alhambra Cir., Suite 900
Coral Gables, FL 33134
305-567-1888

ENGINEER OF RECORD:

MICHELLE M. ARANA
PE No. 62472

GENERAL NOTES:

- BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88). ALL PUBLIC LAND CORNERS AND PRIMARY NETWORK CONTROL SURVEY MONUMENTS ARE TO BE PROTECTED BY THE CONTRACTOR. CORNERS AND MONUMENTS WITHIN THE WORK ZONE AND IN DANGER OF BEING DAMAGED, DESTROYED OR COVERED SHALL BE PROPERLY REFERENCED BY A REGISTERED LAND SURVEYOR IN ACCORDANCE WITH THE MINIMUM TECHNICAL STANDARDS OF THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYOR PRIOR TO THE BEGINNING OF WORK. UPON PROJECT COMPLETION THE CONTRACTOR SHALL RESTORE ALL SUCH CORNERS AND MONUMENTS AND SHALL FURNISH TO THE CITY A SIGNED AND SEALED COPY OF THE LAND SURVEYORS' REFERENCE DRAWING. INCLUDE ALL COST OF REFERENCING, RESTORING AND PRESERVING CORNERS AND MONUMENTS IN THE BID PRICE FOR MOBILIZATION.
- ALL SURVEY INFORMATION WAS OBTAINED FROM A LICENSED PROFESSIONAL SURVEYOR AND MAPPER AND UTILIZED AS SUPPORTING INFORMATION FOR THE PROPOSED CONSTRUCTION ON SUBJECT PROJECT. SURVEY INFORMATION UTILIZED IS DATED 6/19/2020. THE PROFESSIONAL SURVEYOR AND MAPPER OF RECORD IS:
MICHAEL LOWMEYER
FLORIDA PROFESSIONAL SURVEYOR & MAPPER L#6846
APTIM ENVIRONMENTAL & INFRASTRUCTURE, LLC.
2481 N.W. BOCA RATON BLVD
BOCA RATON, FLORIDA 33431

CONVERSION FACTOR FROM NAVD88 ELEVATION TO NGVD29 ELEVATION IS +1.542
~~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.~~
 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.
 CONTRACTOR SHALL NOT SCALE DIMENSIONS FROM PRINTS FOR CONSTRUCTION PURPOSES.
 ALL DISTURBED GRASS AREAS SHALL BE RESTORED WITH SUITABLE SOIL AND SOLID ST AUGUSTINE SOD IF NOT SPECIFIED OTHERWISE ON THE PLANS.
 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.
 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:

- 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 REGULATORY AND ECONOMIC RESOURCES.
- 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.
- BID PRICES SHALL INCLUDE ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS COMPLETE IN PLACE, TESTED, AND ACCEPTED BY THE ENGINEER.
- THE CONTRACTOR SHALL USE A SWEEPER (USING WATER) OR OTHER EQUIPMENT CAPABLE OF CONTROLLING AND REMOVING DUST. APPROVAL OF THE CITY ENGINEER SHALL BE OBTAINED PRIOR TO WORKING WITHIN THE WORK ZONE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES. ALL EXISTING UTILITIES SHALL BE PROTECTED 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.
- 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.
- ALL TREES SHALL BE RELOCATED OUTSIDE OF CONSTRUCTION AREA WHERE FEASIBLE. UNAVOIDABLE IMPACT TO MANGROVE TREES SHALL BE MITIGATED IN ACCORDANCE TO APPROVE PERMITS.
- THE CONTRACTOR SHALL PREPARE AND SUBMIT SHOP DRAWINGS FOR ALL ITEMS LISTED IN PROJECT SPECIFICATION (WHERE APPLICABLE).
- THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES.
- ALL EXISTING DRAINAGE STRUCTURES AND PIPES ARE TO REMAIN AND BE PROTECTED UNLESS OTHERWISE SPECIFIED AND APPROVED.
- THE CONTRACTOR SHALL IMPLEMENT AND ENFORCE ALL MPDES EROSION AND SEDIMENT CONTROL RULES AND REGULATIONS.
- THE CONTRACTOR SHALL INCLUDE IN THE BID PRICE FOR CLEARING AND GRUBBING.

ENVIRONMENTAL NOTES

- ANY MATERIAL TO BE STOCKPILED FOR PERIODS GREATER THAN 24 HOURS SHALL BE PROTECTED BY APPROPRIATE EROSION CONTROL DEVICES.
- THE CONTRACTOR SHALL REVIEW ENVIRONMENTAL REQUIREMENTS OF ANY PROPOSED STAGING AREAS WITH THE PROJECT ENGINEER AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO USE.
- NO STAGING OR OTHER ACTIVITIES FOR THIS PROJECT WILL BE ALLOWED WITHIN ENVIRONMENTALLY SENSITIVE AREAS.
- THE CONTRACTOR SHALL NOT STAGE OR OPERATE EQUIPMENT WITHIN THE DRIPLINE OF TREES.
- 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.

MAINTENANCE

- ALL NEWLY INSTALLED PLANTING MATERIAL WILL BE MAINTAINED IN A CONDITION THAT MEETS OR EXCEEDS FLORIDA GRADE # 01 AND HAS (01) REPLACEMENT GUARANTEE.

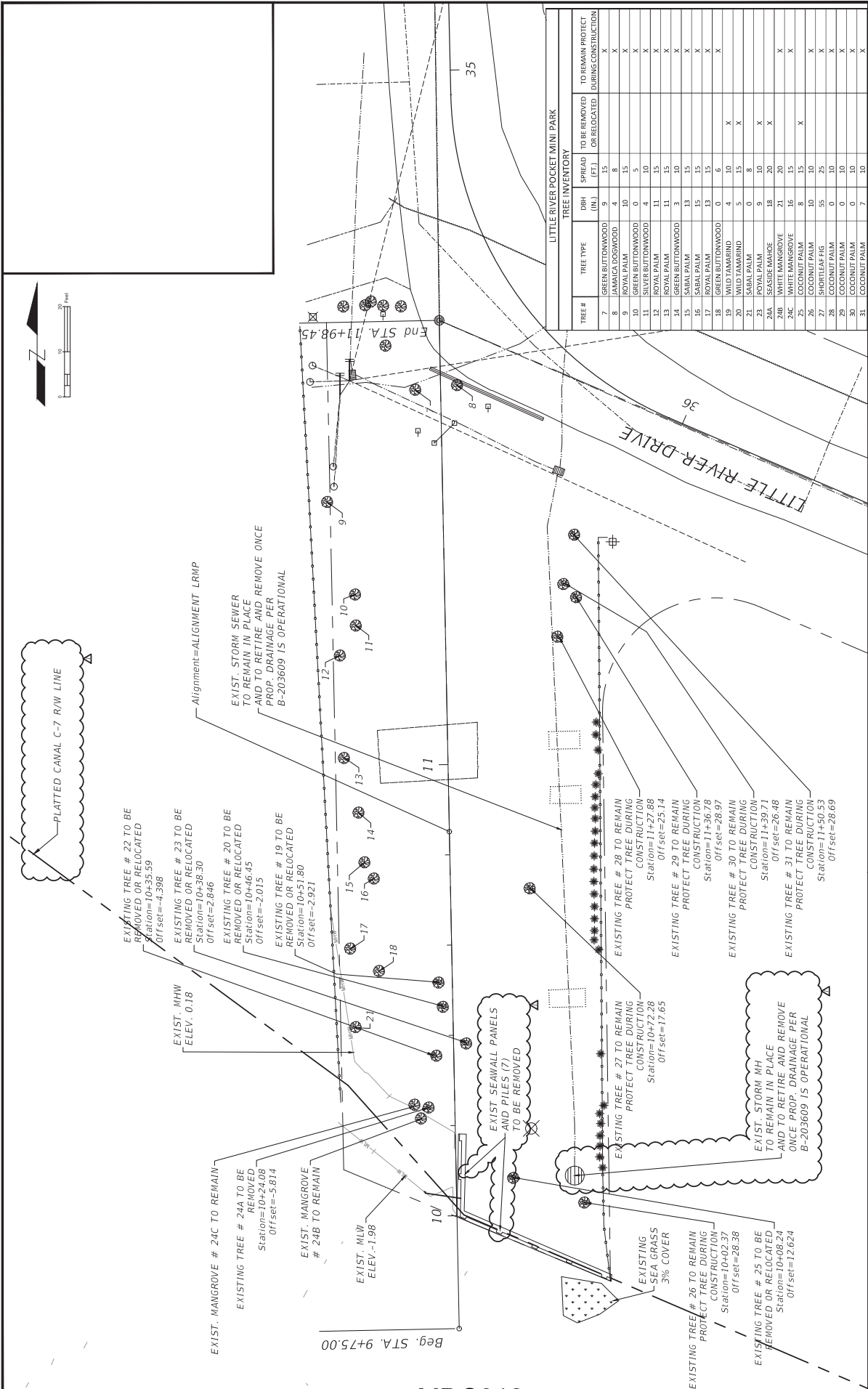
STRUCTURAL NOTES:

- DESIGN IN ACCORDANCE WITH THE FOOT STRUCTURES MANUAL, JANUARY 2021, AND SUBSEQUENT STRUCTURES DESIGN BULLETINS, THE FOOT STRUCTURAL DESIGN STANDARD INDEXES/DRAWINGS, 2020-21, AS AMENDED BY CONTRACT DOCUMENTS, AND ALL SUBSEQUENT INTERIMS.
- CONSTRUCTION TO BE IN ACCORDANCE WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, JANUARY 2021 EDITION, EXCEPT AS SUPPLEMENTED OR AMENDED BY THE CONTRACT PLANS.
- VERTICAL CURVE IS HAVOBB.
- DRAWINGS HEREIN ARE BASED ON GEOTECHNICAL REPORT BY HP CONSULTANTS, INC., AUGUST 24, 2020.
- ENVIRONMENT IS CLASSIFIED AS EXTREMELY AGGRESSIVE.
- PLAN DIMENSIONS: ALL DIMENSIONS IN THESE PLANS ARE MEASURED IN FEET, EITHER HORIZONTALLY OR VERTICALLY UNLESS OTHERWISE NOTED.
- ALL CONCRETE WORK SHALL BE DONE IN ACCORDANCE WITH SECTION 346 OF THE FOOT SPECIFICATIONS, CONSTRUCTION OF ALL STRUCTURAL FOUNDATIONS TO FOLLOW SECTION 453 OF FOOT SPECIFICATIONS.
- CONCRETE SHALL BE AS FOLLOWS:
o C.I.P. CONCRETE CAP AND WALL PANELS: CLASS V (SPECIAL) f'c= 6000 psi
o PRECAST CONCRETE PILES: CLASS V (SPECIAL) f'c=6000 psi
- ALL CONCRETE SHALL USE SILICA FUME, METAKADLIN, OR ULTRA FINE FLASH.
- REINFORCING STEEL SHALL BE GRADE 60 DEFORMED BARS COMPLYING WITH ASTM A615. WELDED WIRE FABRIC SHALL BE GRADE 65 PLAIN WIRE COMPLYING TO ASTM A185.
- MINIMUM CONCRETE PROTECTIVE COVER FOR REINFORCEMENT SHALL BE AS FOLLOWS UNO:
o CONCRETE CAST AGAINST EARTH 3.0"
o ALL OTHER LOCATIONS 2.0"
- CHAMFER EXPOSED CORNERS OF CONCRETE 3/4 INCH.
- UTILITIES
- LOCATIONS AND ELEVATIONS SHALL BE VERIFIED BY THE CONTRACTOR BEFORE CONSTRUCTION BEGINS.
FOR STORM DRAINS AND OTHER UTILITIES, FOLLOW GENERAL NOTES ON PROCEDURES INVOLVING EXISTING UTILITIES.
- JOINTS IN CONCRETE: CONSTRUCTION JOINTS WILL BE PERMITTED ONLY AT THE LOCATIONS INDICATED IN THE PLANS. ADDITIONAL CONSTRUCTION JOINTS OR ALTERATIONS TO THOSE SHOWN SHALL REQUIRE APPROVAL OF THE ENGINEER.
- CONTRACTOR SHALL PROVIDE A STRUCTURE VIBRATION AND MONITORING PLAN (SVMP) TO THE ENGINEER PRIOR TO CONSTRUCTION FOR REVIEW AND APPROVAL. SVMP SHALL FOLLOW THE REQUIREMENTS OF SECTION 108 OF THE FOOT STANDARD SPECIFICATIONS.
- CUT AND FILL OPERATIONS
1. THE CONTRACTOR SHALL NOTIFY ADJACENT OWNERS AND INVOLVED UTILITIES IN WRITING TWO (2) WEEKS BEFORE EXCAVATION OPERATIONS BEGIN.
2. QUANTITIES FOR CUT AND FILL SHOWN IN THESE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR BEFORE BIDDING.
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.
4. MOBILIZATION SHALL BE APPROVED EQUAL BY ENGINEER
5. INSTALLATION OF SPECIALTY MOBILIZATION SHALL BE UNDER SUPERVISION OF MAT PRODUCT REPRESENTATIVE.
6. MAINTENANCE SHALL BE PERFORMED PER MANUFACTURER RECOMMENDATIONS.

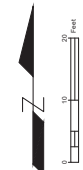
UTILITY COMPANY CONTACT LIST:

- AT&T/DISTRIBUTION
 COMPACT CABLE
 LEONARD MAXWELL-NEWBOLD
 OCTAVIO VIDAL
 FLORIDA POWER AND LIGHT CO.
 FLORIDA POWER AND LIGHT-SUT
 MIAMI-DADE SEWER
- STEVE LOW
 305-222-8745
 954-447-8405
 305-412-0891 EXT. 201
 800-868-9554
 TRACY STERN
 SEYED HAJASSADOLLAH
 SERGIO GARCIA
 786-268-5320

<p>FOR REVISIONS</p> <table border="1"> <thead> <tr> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>02-09-2022</td> <td>BY: [Signature] / [Name]</td> </tr> <tr> <td>01-11-2022</td> <td>BY: [Signature] / [Name]</td> </tr> </tbody> </table>		DATE	DESCRIPTION	02-09-2022	BY: [Signature] / [Name]	01-11-2022	BY: [Signature] / [Name]	<p>CITY OF MIAMI OFFICE OF CAPITAL IMPROVEMENTS 444 SW 2ND AVENUE, 8TH FLOOR MIAMI, FLORIDA 33130 (305) 486-1313 FAX (305) 316-1353</p>	<p>GENERAL NOTES</p>	<p>SHEET NO. 2</p>
DATE	DESCRIPTION									
02-09-2022	BY: [Signature] / [Name]									
01-11-2022	BY: [Signature] / [Name]									
<p>PROJECT ADDRESS 998 NE 78th Street Miami, FL 33138</p>		<p>PROJECT No. B-193501</p>	<p>Little River Pocket Mini Park Shoreline Restoration</p>							
<p>FOR: MICHELLE M. ARAWA, P.E. P.E. LICENSE NUMBER G2472 T.Y. LIN INTERNATIONAL 201 ALHAMBRA CIR. SUITE 900 CORAL GABLES, FL 33134</p>		<p>Florida's Minimum Project Requirements CAD003D - Work Item S511910021N66arawp.30% - Submit for Concept - 1/10/2021 - Rev. Date: 2-9-2022</p>								

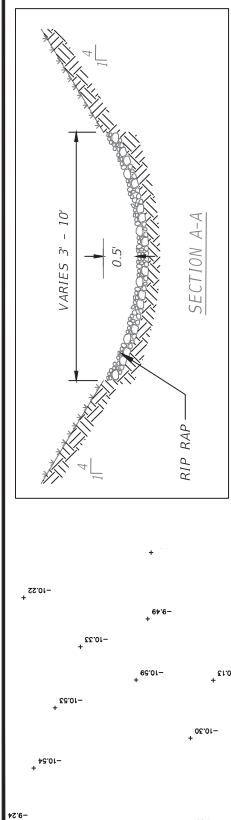
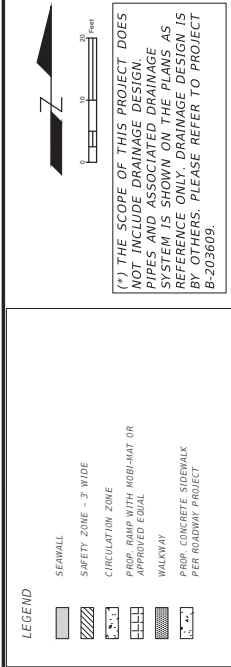
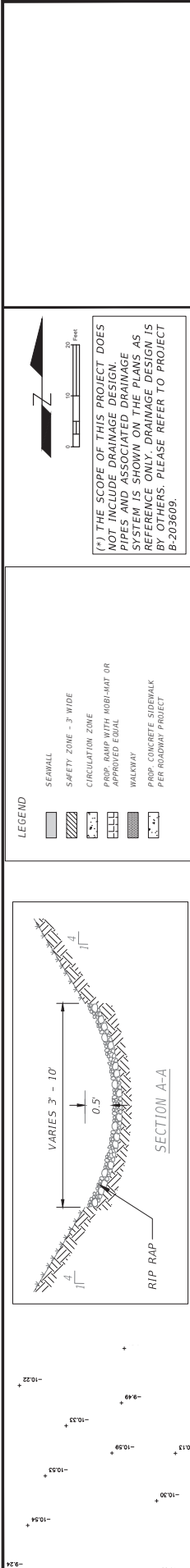


TREE INVENTORY					
TREE #	TREE TYPE	DBH (IN.)	SPREAD (FT.)	TO BE REMOVED OR RELOCATED	TO REMAIN PROTECT DURING CONSTRUCTION
7	GREEN BUTTONWOOD	9	15	X	X
8	JAMAICA DOGWOOD	4	8		X
9	ROYAL PALM	10	5		X
10	GREEN BUTTONWOOD	0	5		X
11	ROYAL PALM	11	15		X
12	ROYAL PALM	11	15		X
13	ROYAL PALM	11	15		X
14	GREEN BUTTONWOOD	3	10		X
15	SABAL PALM	13	15		X
16	SABAL PALM	15	15		X
17	ROYAL PALM	13	15		X
18	GREEN BUTTONWOOD	0	6		X
19	WILD TAMARIND	4	10	X	
20	ROYAL PALM	0	8	X	
21	SABAL PALM	9	10	X	
22	ROYAL PALM	18	20	X	
23	ROYAL PALM	18	20	X	
24A	SEASIDE MAHOE	21	20	X	
24B	WHITE MANGROVE	16	15	X	
24C	WHITE MANGROVE	16	15	X	
25	COCONUT PALM	8	15	X	
26	COCONUT PALM	10	10	X	
27	SHORTLEAF FIG	55	25	X	
28	COCONUT PALM	0	10	X	
29	COCONUT PALM	0	10	X	
30	COCONUT PALM	0	10	X	
31	COCONUT PALM	7	10	X	

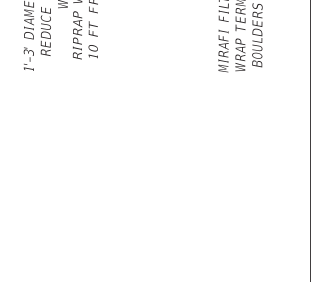
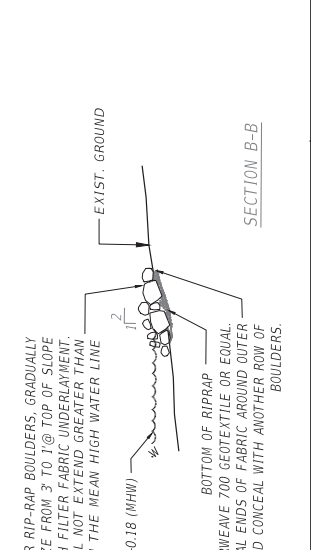
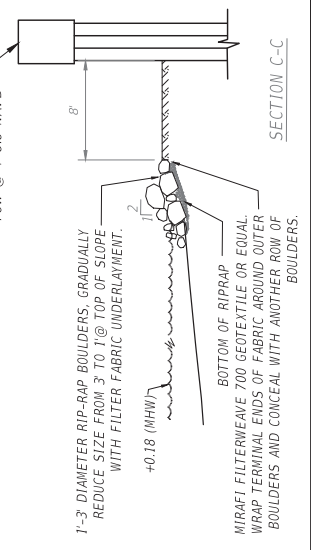
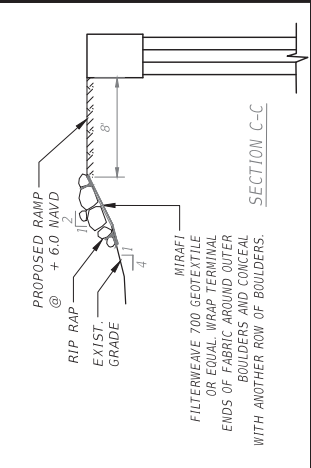
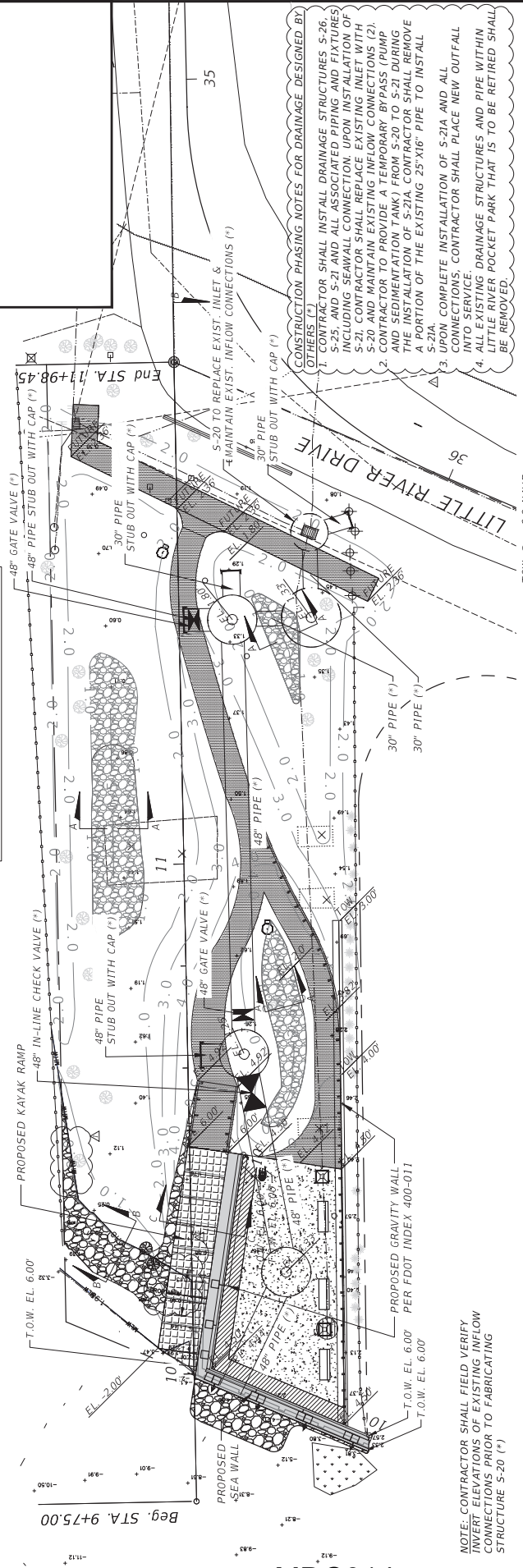


REVISIONS		FOR		CITY OF MIAMI		Little River Pocket Mini Park Shoreline Restoration		SHEET NO.	
DATE	BY	DESCRIPTION	NICHOLLE M. ARAMA, P.E.	PROJECT No.	998 NE 78th Street	PROJECT ADDRESS		3	
02-09-2022	N/A	SPMD REVIEW COMMENTS RAY APPLICATION No. 211119-3247, CANAL C-7	P.E. LICENSE NUMBER G2472	B-193501	Miami, FL 33138	PROJECT ADDRESS			
			TYLIN INTERNATIONAL	201 ALHAMBRA CIR SUITE 900	Miami, FL 33138	PROJECT ADDRESS			
			CORAL GABLES, FL 33134			PROJECT ADDRESS			

File name: \\Miami\proj\pct\58193700\609_CADD\30_MIR\0319100021\Newaway\NFSI_CONDITIONS.dwg Date: 2-9-2022



(*) THE SCOPE OF THIS PROJECT DOES NOT INCLUDE THE DESIGN OF PIPES AND ASSOCIATED DRAINAGE SYSTEM IS SHOWN ON THE PLANS AS REFERENCE ONLY. DRAINAGE DESIGN IS BY OTHERS. PLEASE REFER TO PROJECT B-203609.



CONSTRUCTION PHASING NOTES FOR DRAINAGE DESIGNED BY OTHERS (*)

- CONTRACTOR SHALL INST ALL DRAINAGE STRUCTURES S-26, S-28 AND S-29 AND ALL ASSOCIATED PIPING AND FIXTURES INCLUDING SEAWALL CONNECTION UPON INSTALLATION OF S-21. CONTRACTOR SHALL REPLACE EXISTING INLET WITH S-20 AND MAINTAIN EXISTING INFLOW CONNECTIONS (2).
- CONTRACTOR TO PROVIDE A TEMPORARY BY-PASS (PUMP AND SEDIMENTATION TANK) FROM S-20 TO S-21 DURING THE INSTALLATION OF S-21A. CONTRACTOR SHALL REMOVE A PORTION OF THE EXISTING 25\"/>

NOTE: CONTRACTOR SHALL FIELD VERIFY INVERT ELEVATIONS OF EXISTING INFLOW CONNECTIONS PRIOR TO FABRICATING STRUCTURE S-20 (*)

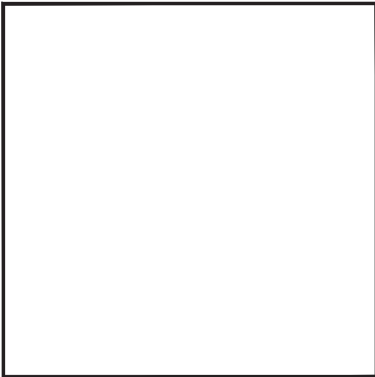
DATE	BY	DESCRIPTION
02-09-2022	M.A.	SPMID REVIEW COMMENTS BY APPLICATION No. 211119-32247, CANAL C-7

FOR	MICHELLE M. ARANA, P.E. P.E. LICENSE NUMBER G2472
BY	T.Y. LIN INTERNATIONAL 201 ALHAMBRA CIR. SUITE 900 CORAL GABLES, FL 33134

PROJECT ADDRESS	Little River Pocket Mimi Park Shoreline Restoration
PROJECT No.	B-193501
PROJECT ADDRESS	998 NE 78th Street Miami, FL 33138

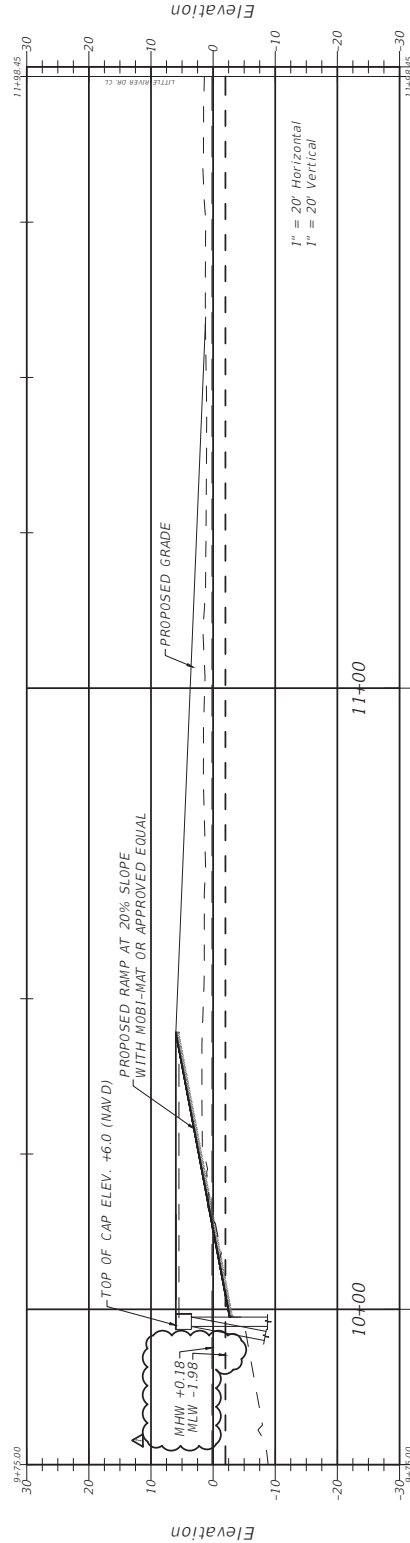
CITY OF MIAMI	Office of Capital Improvements
444 SW 2ND AVENUE 8TH FLOOR	MIAMI, FLORIDA 33130
(305) 466-1233 FAX (305) 346-1233	

SHEET NO.	5
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QUANTITY TABLE		
	SqFt	CuYd
TOTAL FILL VOLUME AT RAMP	178	3.78
FILL VOLUME AT RAMP (BELOW MHW)	101	0.94
TOTAL RIPRAP	573	33.66
RIPRAP BELOW MHW	528	32.00

SECTION A-A



SECTION B-B

DATE	BY	DESCRIPTION
02-09-2022	N.A.	SPMID REVIEW COMMENTS RAY APPLICATION No. 211118-32247, CANAL C-7

FOR	MICHELLE M. ARANA, P.E. P.E. LICENSE NUMBER G2472
BY	TYLIN INTERNATIONAL 201 ALHAMBRA CIR SUITE 900 CORAL GABLES, FL 33134

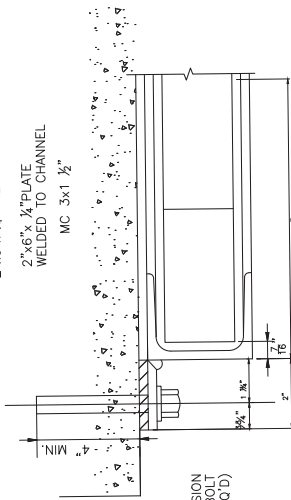
CITY OF MIAMI OFFICE OF CAPITAL IMPROVEMENTS 448 SW 2ND AVENUE 8TH FLOOR MIAMI, FLORIDA 33130 (305) 486-1212 FAX (305) 316-1253	PROJECT ADDRESS 998 NE 78th Street Miami, FL 33138	PROJECT No. B-193501
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Little River Pocket Mini Park Shoreline Restoration	
CROSS SECTIONS	

SHEET NO.	6
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Filename: \\mim\proj\proj\res\531191\06\000_CADD\3D_Working\5311910002A\06.dwg 30% Submittal Concept I:\proj\files - file date: 2-9-2022

2"x6"x 1/4" NEOPRENE GASKET
 2"x6"x 1/2" PLATE
 WELDED TO CHANNEL
 MC 3x1 1/2"

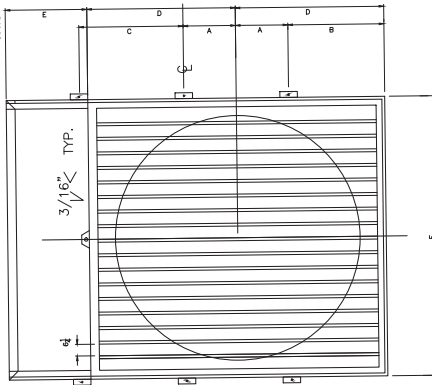


3/8" S.S. EXPANSION
 ANCHOR BOLT
 (6 REQ'D)

3"x 9 3/8"x 1/2" THICK
 ALUMINUM PLATE
 WITH 2" DIA. HOLE

2" SQUARE ALUMINUM
 WELDED FRAME

SEE BOLTING DETAIL
 THIS SHEET (TYP)



1"x 2" FLAT ALUMINUM
 WELDED TO 2" FRAMING

MANATEE BARRIER DETAIL

N.T.S.

PIPE SIZE	A	B	C	F	H	L
48"	1'-3"	1'-3"	1'-6"	6'-0"	2'-6"	0'-3"
60"	1'-6"	1'-9"	2'-0"	7'-0"	3'-3"	0'-8"
72"	1'-6"	2'-0"	4'-0"	8'-0"	3'-6"	1'-3"

REVISIONS

DATE	BY	DESCRIPTION

FOR
 MICHELLE M. ARANA, P.E.
 P.E. LICENSE NUMBER G2472
TYLIN INTERNATIONAL
 201 ALHAMBRA CIR SUITE 900
 CORAL GABLES, FL 33134



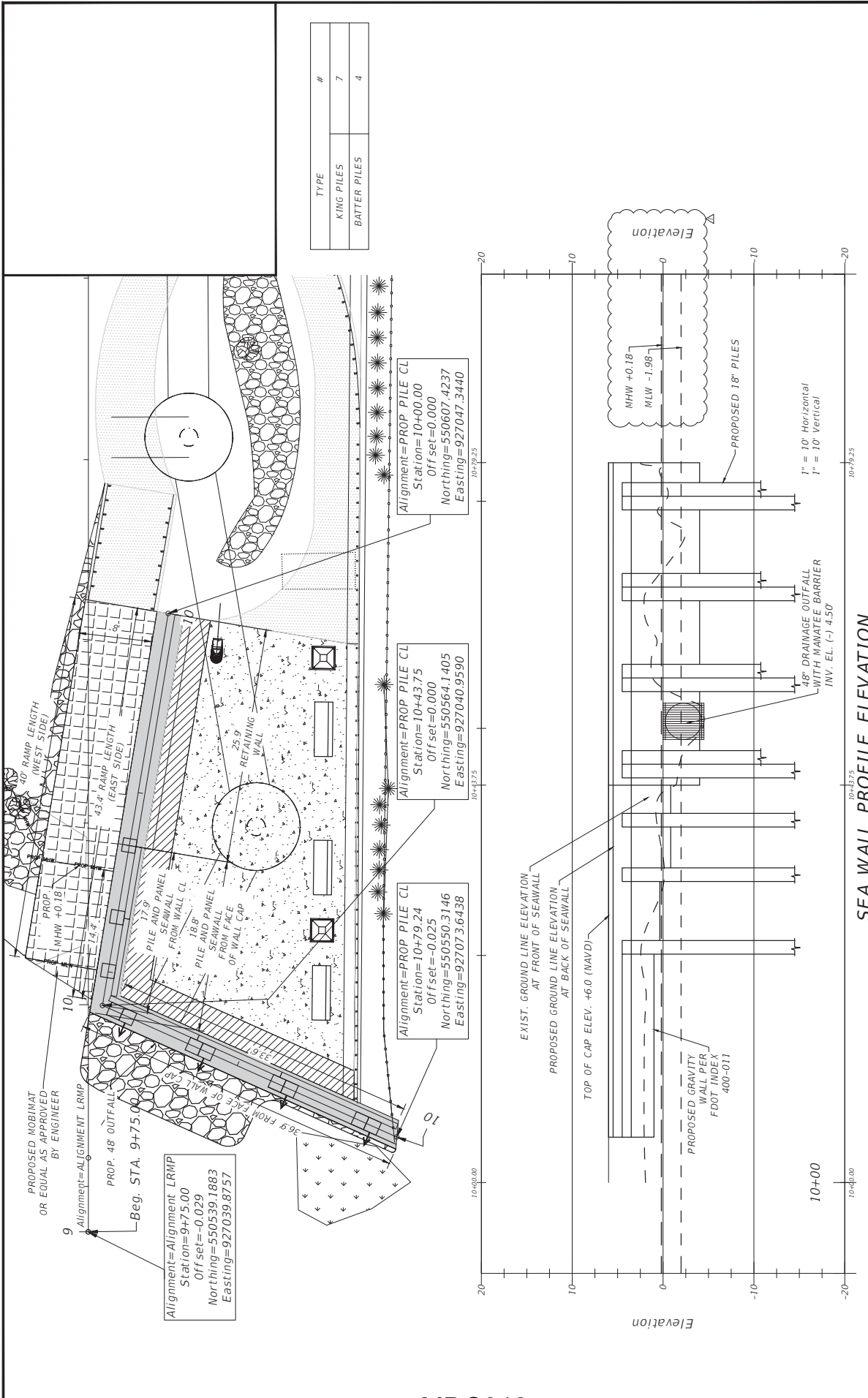
CITY OF MIAMI
 OFFICE OF CAPITAL IMPROVEMENTS
 444 SW 2ND AVENUE 8TH FLOOR
 MIAMI, FLORIDA 33130
 (305) 486-1212 FAX (305) 316-1253

Little River Pocket Mini Park Shoreline Restoration
 PROJECT No.
B-193501
 PROJECT ADDRESS
 998 NE 78th Street
 Miami, FL 33138

**MANATEE BARRIER AND
 RIP RAP DETAILS**

SHEET
 NO.
 8

Florida Project: S511910002600030_040030_0001.dwg 5/5/19 10:02:16 am 30% SUBMITTAL CONCEPT DETAILS - PIR 08/21/2021

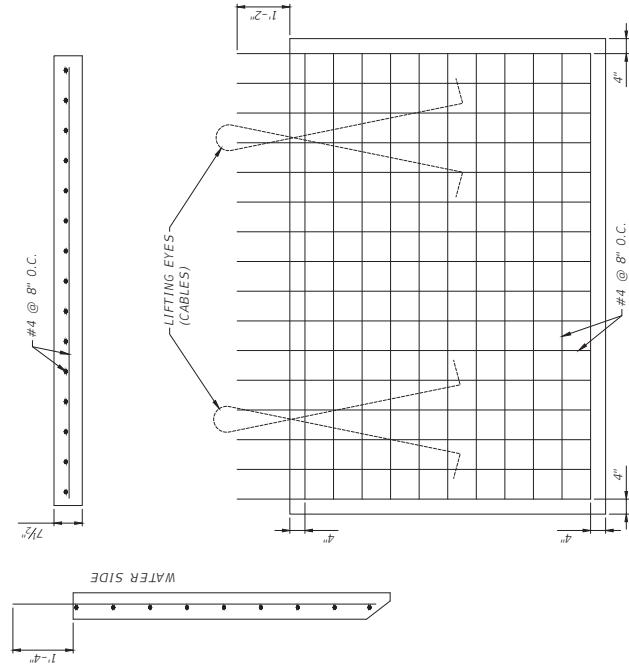
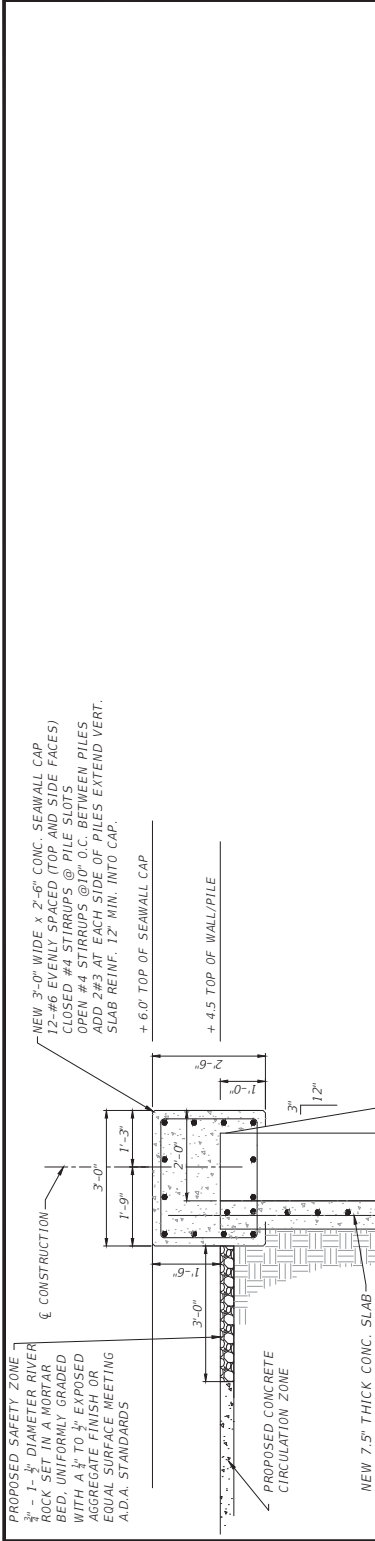
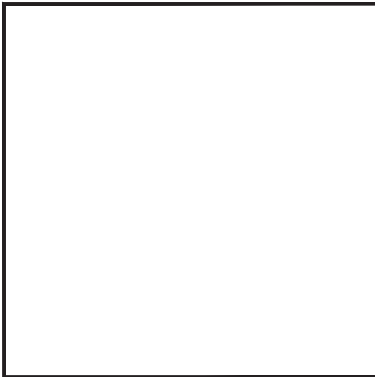


TYPE	#
KING PILES	7
BATTER PILES	4

FOR MICHELLE M. ARANA, P.E. P.E. LICENSE NUMBER 62472 T.Y. LIN INTERNATIONAL 201 ALHAMBRA CIR. SUITE 900 CORAL GABLES, FL 33134		CITY OF MIAMI OFFICE OF CAPITAL IMPROVEMENTS 444 S.W. 2ND AVENUE, 8TH FLOOR MIAMI, FLORIDA 33130 (305) 486-1233 FAX (305) 416-1253		Little River Pocket Mini Park Shoreline Restoration PROJECT No. B-193501 PROJECT ADDRESS 998 NE 78th Street Miami, FL 33138		SHEET NO. 9						
REVISIONS <table border="1"> <thead> <tr> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>02-09-2022</td> <td>M.A.</td> <td>SPMID REVIEW COMMENTS RE: APPLICATOR No. 211119-32247, CANAL C-7</td> </tr> </tbody> </table>		DATE	BY	DESCRIPTION	02-09-2022	M.A.	SPMID REVIEW COMMENTS RE: APPLICATOR No. 211119-32247, CANAL C-7	SEA WALL PROFILE ELEVATION				
DATE	BY	DESCRIPTION										
02-09-2022	M.A.	SPMID REVIEW COMMENTS RE: APPLICATOR No. 211119-32247, CANAL C-7										

MDC018

File name: \\Miami\Projects\511910021\00000000_CADD\00000000.dwg Date: 02/09/2022



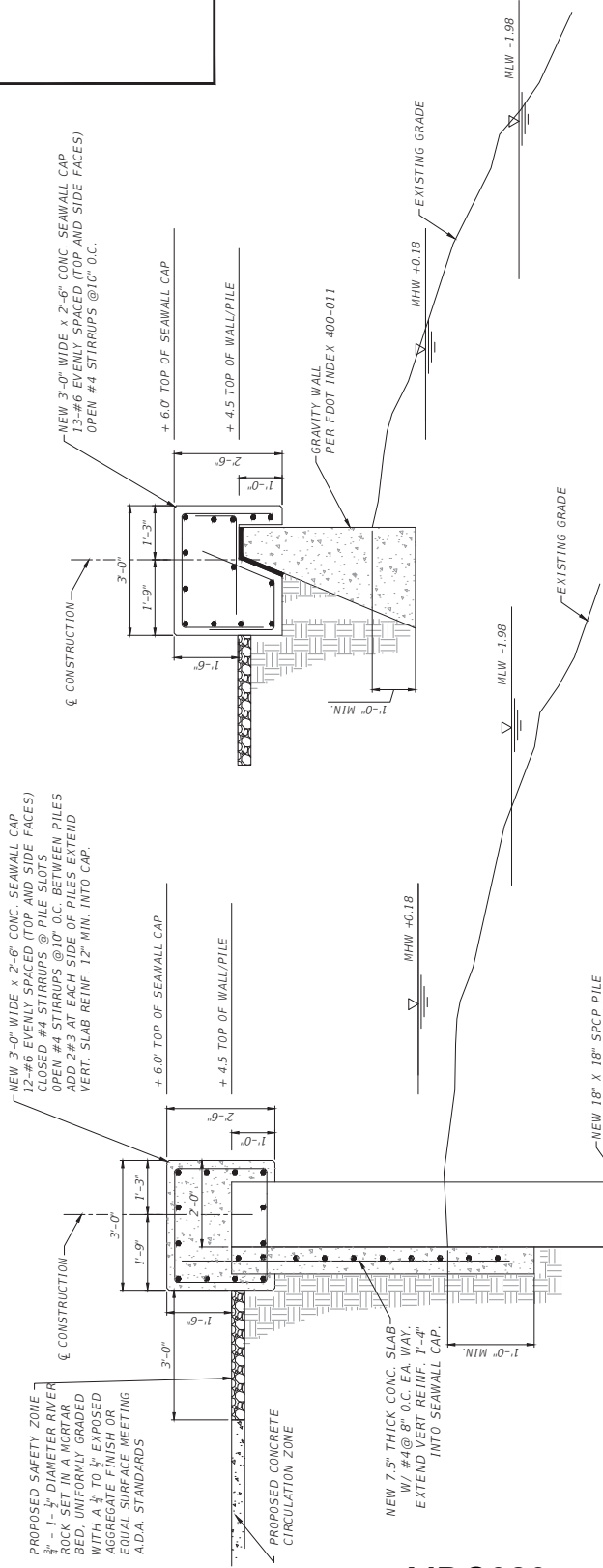
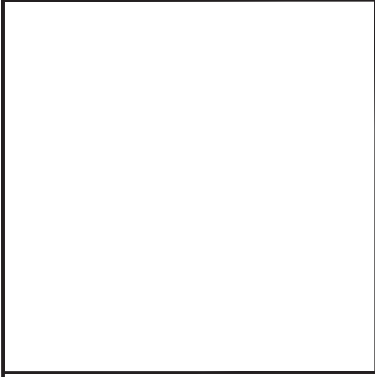
NOTES:

- 1) NEW SEAWALL WILL BE INSTALLED A MAXIMUM OF 12 INCHES WATERWARD OF THE WETFACE OF THE PREVIOUSLY EXISTING SEAWALL.

SEAWALL TYPICAL SECTION - WATERFRONT

PANEL DETAIL

DATE	BY	DESCRIPTION	PROJECT ADDRESS	PROJECT NO.	SHEET NO.
			1000 NE Little River Dr. Miami, FL 33138	B-193501	10
<p>FOR REVISIONS</p> <p>JAMES R. ROSALES, P.E. P.E. LICENSE NUMBER 54635 TYLIN INTERNATIONAL 201 ALHAMBRA CIR. SUITE 900 CORAL GABLES, FL 33134</p>			<p>CITY OF MIAMI OFFICE OF CAPITAL IMPROVEMENTS 444 S.W. 2ND AVENUE, 8TH FLOOR MIAMI, FLORIDA 33139 (305) 466-1513 FAX (305) 416-1250</p>		
			<p>Little River Pocket Mini Park Shoreline Restoration SEAWALL AND PANEL DETAIL (1 OF 2)</p>		
<p>#16name1\Miami\Projects\55191_09\200_6\ADD\30_6\DWG\30_6\002\N\002\M\30_6 - P01.dwg 3/16/2022</p>					

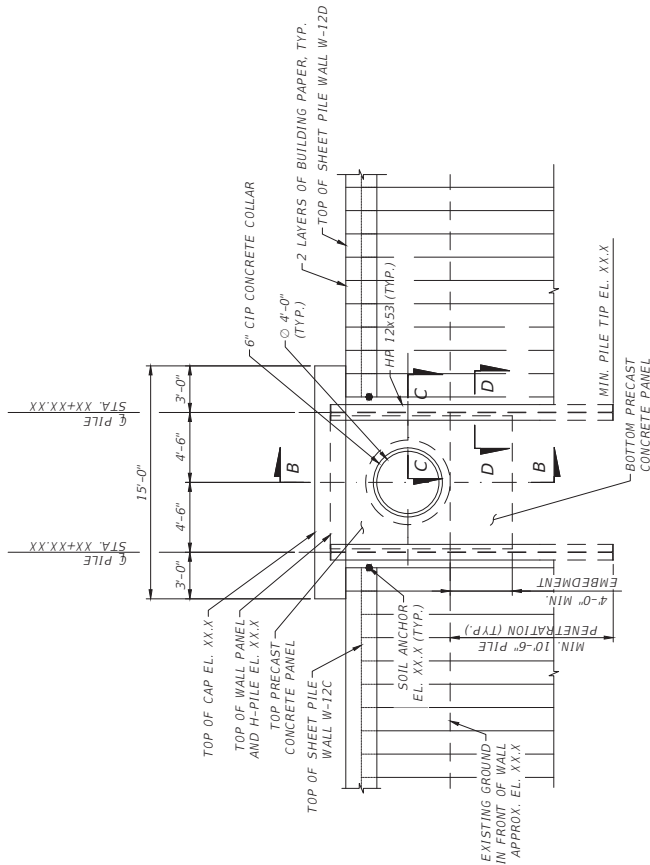


SEAWALL TYPICAL SECTION ALONG RAMP - WITH GRAVITY WALL

- NOTES:**
- 1) NEW SEAWALL WILL BE INSTALLED A MAXIMUM OF 12 INCHES WATERWARD OF THE WETFACE OF THE PREVIOUSLY EXISTING SEAWALL.

SEAWALL TYPICAL SECTION ALONG RAMP WITH PILE AND PANEL SYSTEM

DATE	BY	DESCRIPTION
<p>FOR JAMES R. ROSALES, P.E. P.E. LICENSE NUMBER 54635 TYLIN INTERNATIONAL 201 ALHAMBRA CIR. SUITE 900 CORAL GABLES, FL 33134</p>		
<p>CITY OF MIAMI OFFICE OF CAPITAL IMPROVEMENTS 441 S.W. 2ND AVENUE, 8TH FLOOR MIAMI, FLORIDA 33130 (305) 466-1513 FAX (305) 416-1250</p>		
<p>Little River Pocket Mini Park Shoreline Restoration PROJECT ADDRESS PROJECT NO. 1000 NE Little River Dr. B-193501 Miami, FL 33138</p>		
<p>SEAWALL AND PANEL DETAIL (2 OF 2)</p>		
<p>SHEET NO.</p>		<p>11</p>

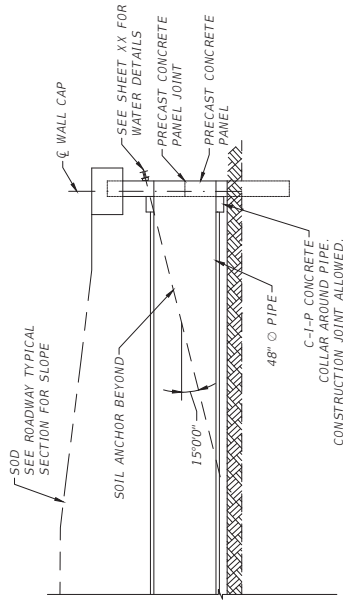


VIEW A-A

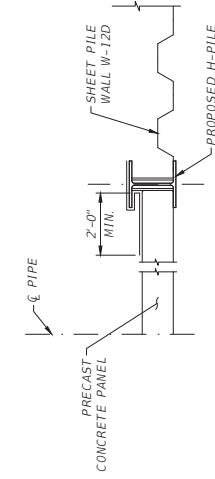
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NOTES:

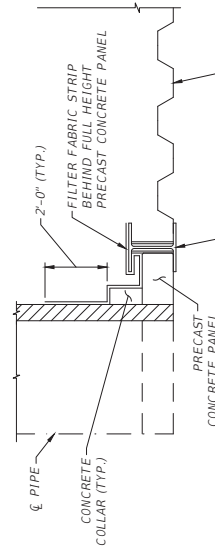
1. FORCE IN SOIL ANCHOR. STRENGTH: 22.9 KIPS SERVICE: 20.1 KIPS
2. SOIL ANCHOR SHALL HAVE MINIMUM 15'-0" UNBONDED LENGTH.
3. SEE SHEET EW6-03 FOR WALL CAP DETAIL, PRECAST PANEL JOINT DETAIL AND CONCRETE COLLAR DETAIL.



SECTION B-B
(H-PILE NOT SHOWN FOR CLARITY)



SECTION C-C



SECTION D-D

REVISIONS

DATE

BY

DESCRIPTION

FOR
JAMES R. ROSALES, P.E.
P.E. LICENSE NUMBER 54635
TYLIN INTERNATIONAL
201 ALHAMBRA CIR. SUITE 900
CORAL GABLES, FL 33134



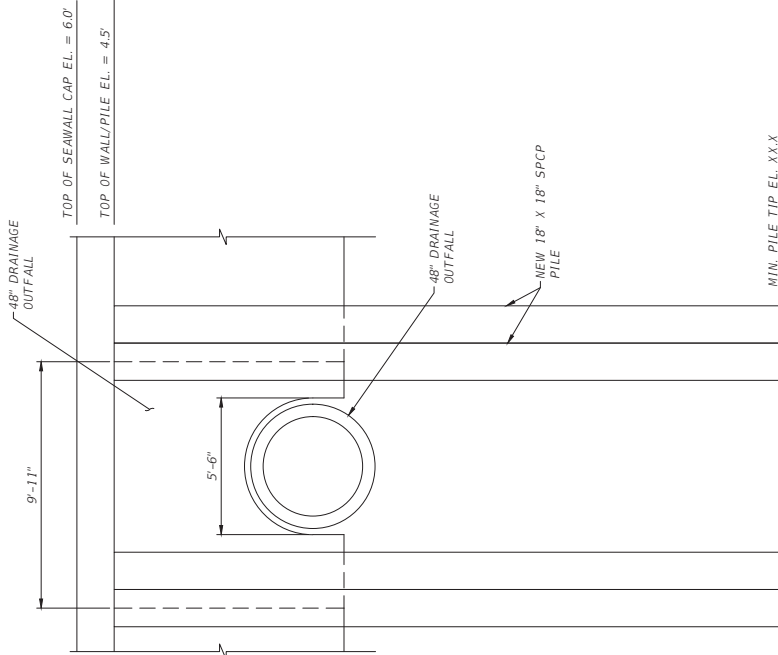
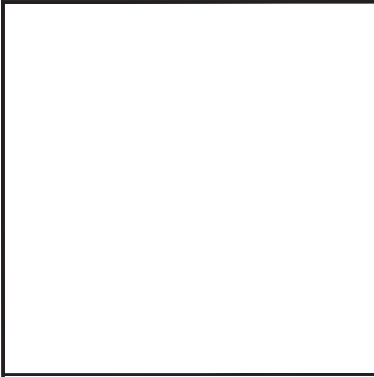
CITY OF MIAMI
OFFICE OF CAPITAL IMPROVEMENTS
444 S.W. 2ND AVENUE, 8TH FLOOR
MIAMI, FLORIDA 33130
(305) 466-1513 FAX (305) 416-1250

Little River Pocket Mini Park Shoreline Restoration
PROJECT No.
B-193501
PROJECT ADDRESS
1000 NE Little River Dr.
Miami, FL 33138

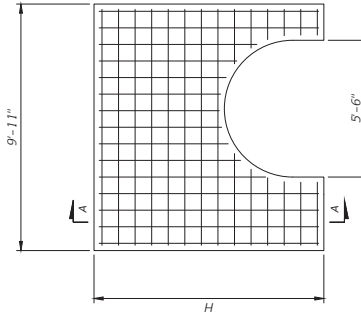
SOLDIER PILE WALL DETAILS

SHEET NO.

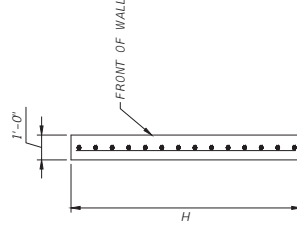
12



ELEVATION



PRECAST CONCRETE PANEL



SECTION A-A

REVISIONS		DESCRIPTION	
DATE	BY		

FOR JAMES R. ROSALES, P.E. P.E. LICENSE NUMBER 54635 TYLIN INTERNATIONAL 201 ALHAMBRA CIR SUITE 900 CORAL GABLES, FL 33134		CITY OF MIAMI OFFICE OF CAPITAL IMPROVEMENTS 444 S.W. 2ND AVENUE, 8TH FLOOR MIAMI, FLORIDA 33139 (305) 466-1513 FAX (305) 416-1250		Little River Pocket Mini Park Shoreline Restoration PROJECT No. B-193501		SHEET NO. 13	
PROJECT ADDRESS 1000 NE Little River Dr. Miami, FL 33138		SEAWALL ELEVATION AND DETAILS					

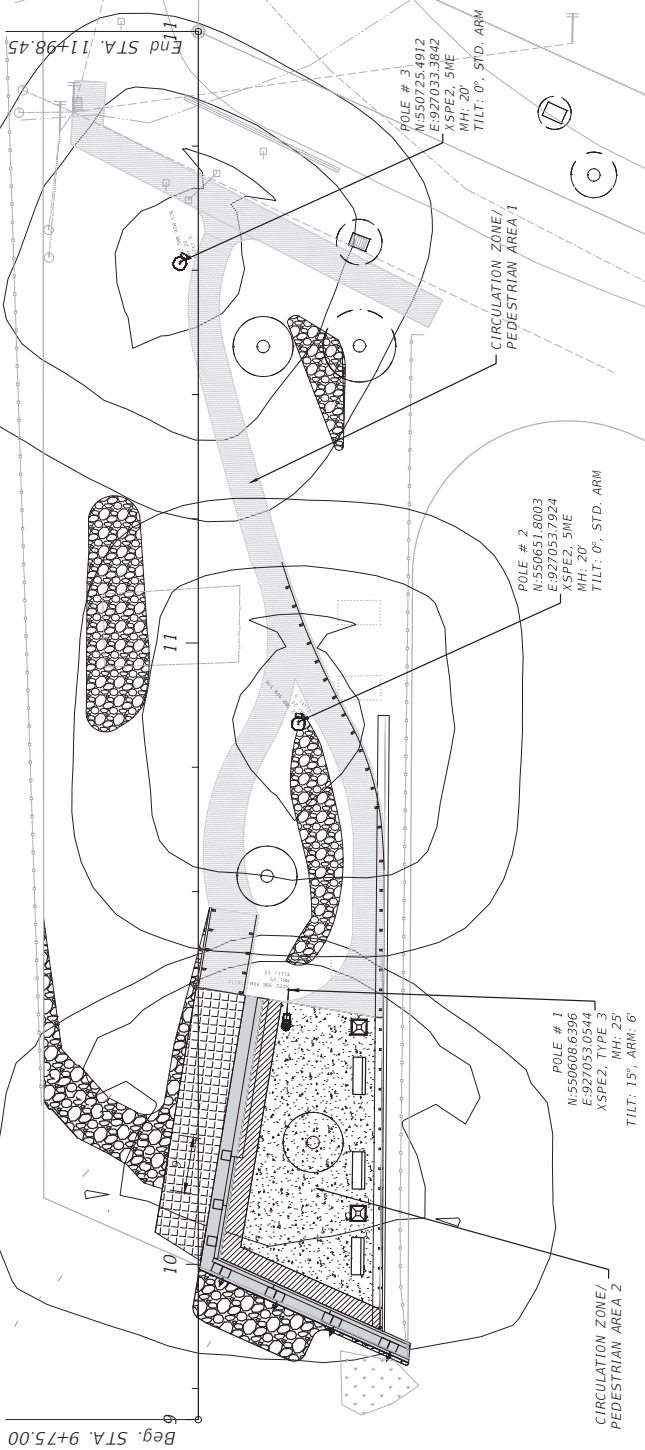
File Name: J:\Miami\Projects\54635\193501\000000_cad\000.dwg, User: jrp, Date: 11/10/2021 10:00:00 AM, Plot Date: 11/18/2021

ELECTRICAL NOTES:

- CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING, PROTECTING AND AVOIDING ALL UNDERGROUND UTILITIES AND STRUCTURAL CONFLICTS IN COOPERATION WITH THE UTILITY COMPANY(S) PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO ANY EXISTING UTILITIES FOR WHICH IT FAILS TO LOCATE AS WELL AS FOR DAMAGE TO ANY EXISTING UTILITIES WHICH ARE PROPERLY LOCATED. REPAIRS SHALL BE PERFORMED TO THE SATISFACTION OF THE CITY OF MIAMI. NO ADDITIONAL PAYMENTS WOULD BE AUTHORIZED.
- STATIONING MAY BE ADJUSTED AS DIRECTED BY THE CITY OF MIAMI REPRESENTATIVE TO AVOID UTILITY OR STRUCTURAL CONFLICTS NOT INDICATED IN THE PLANS.
- ALL MATERIAL UNLESS OTHERWISE SPECIFIED, SHALL BE UNDERWRITER'S LABORATORY APPROVED.
- INCIDENTAL ITEMS OR ACCESSORIES REQUIRED TO COMPLETE THE WORK SHALL BE SUPPLIED AND INSTALLED BY CONTRACTOR.

FIXTURE/POLE NOTES:

- CARMAHAW SOLAR POWERED LED LIGHTING SYSTEM MODEL EG340 WITH INTEGRATED POLE TOP SOLAR ENGINE ENCLOSURE CONTAINING SOLAR PANELS, ENERGY MANAGEMENT SYSTEM, AND BATTERIES. SOLAR PANEL: MODEL EG340, 45° TILT ANGLE, 490 W. FOUR AGM G27 TYPE BATTERIES. FIXTURES: TYPE XSP2, 90 WATTS LED, 4000K. DISTRIBUTION AS SHOWN ON PLANS.
- EG340 SOLAR ENGINE MODEL, 20°-45° SOLAR PANEL TILT DEPENDING ON WIND SPEED ZONE. ROUND POLE MOUNTING OPTION. DUSK UNTIL DAWN OPERATION. SINGLE FIXTURE WITH TO MAINTAIN FACTURE. LIGHT FACTOR TO BE ALL ACCESSORIES BY COMPLETE INSTALLATION. POST/BASE AND POST TOP TO SUSTAIN P.E.C. WIND LOAD REQUIREMENTS. MANUFACTURER TO SUBMIT FLORIDA STRUCTURAL ENGINEERING SIGNED AND SEALED CALCULATION COMPLYING WITH THIS REQUIREMENTS.
- ROUND TAPERED PRESTRESSED CONCRETE POLE FOR DIRECT EMBEDMENT WITH GROUNDING OPTION, AS MANUFACTURED BY STRESSCRETE GROUP, CATALOG NO. E-XXX-KPR-1GS-M00, OR APPROVED EQUAL.
- PRODUCTS OF EQUAL QUALITY/FUNCTION WILL BE ACCEPTED UPON REVIEW.



POLE LOCATION SUMMARY

POLE NUMBER	NORTHING	EASTING
1	550608.6396	927053.0544
2	550651.8003	927053.7924
3	550725.4912	927033.3842

CALCULATION SUMMARY

ILLUMINANCE (FC)	PEDESTRIAN AREA 1	PEDESTRIAN AREA 2
AVERAGE	0.9700	1.0200
MAXIMUM	1.8000	1.3000
MINIMUM	0.5000	0.5000
AVG/MIN	1.9400	2.0400
MAX/MIN	3.6000	2.6000

<p>FOR MICHELLE M. ARAMA, P.E. P.E. LICENSE NUMBER G2472 T.Y. LIN INTERNATIONAL 201 ALHAMBRA CIR SUITE 900 CORAL GABLES, FL 33134</p>		<p>CITY OF MIAMI OFFICE OF CAPITAL IMPROVEMENTS 444 SW 2ND AVENUE 8TH FLOOR MIAMI, FLORIDA 33130 (305) 436-1433 FAX (305) 416-1053</p>		<p>PROJECT ADDRESS 998 NE 78th Street Miami, FL 33138</p>		<p>PROJECT NO. B-193501</p>		<p>14</p>			
<p>REVISIONS</p> <table border="1"> <thead> <tr> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		DATE	BY	DESCRIPTION					<p>LIGHTING PLAN</p>		<p>FILENAME: \Miami\Projects\33193501\CADD\33 - Working\33193501\Drawings\LIGHTING_LINP - P08.dwg DATE: 2/25/2021</p>
DATE	BY	DESCRIPTION									

STORM WATER POLLUTION PREVENTION NOTES:

THE FOLLOWING NARRATIVE OF THE STORMWATER POLLUTION PREVENTION PLAN CONTAINS REFERENCES TO THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, THE DESIGN STANDARDS, AND OTHER SHEETS OF THESE CONSTRUCTION PLANS. THE FIRST SHEET OF THE CONSTRUCTION PLANS KEY SHEET CONTAINS AN INDEX TO THE OTHER SHEETS. THE COMPLETE STORMWATER POLLUTION PREVENTION PLAN INCLUDES SEVERAL ITEMS: THIS NARRATIVE DESCRIPTION, THE DOCUMENTS REFERENCED IN THIS NARRATIVE, THE CONTRACTOR'S APPROVED EROSION CONTROL PLAN REQUIRED BY SPECIFICATION SECTION 104, AND REPORTS OF INSPECTIONS MADE DURING CONSTRUCTION.

- A. THE FOLLOWING NARRATIVE AND REFERENCED DOCUMENTS.
- B. THE CONTRACTOR'S APPROVED EROSION AND SEDIMENT CONTROL PLAN REQUIRED BY SPECIFICATION SECTION 104, CITY OF MIAMI PW BULLETIN No. 25 AND CITY ORDINANCE No. 13081.
- C. REPORT OF INSPECTIONS MADE DURING CONSTRUCTION.

1.0 SITE DESCRIPTION

1.A. NATURE OF CONSTRUCTION ACTIVITY:

THE PLAN DELINEATED IN THIS SWPPP IS FOR CONSTRUCTION ACTIVITIES FOR LITTLE RIVER POCKET MINI PARK SHORELINE RESTORATION.

1.B. SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES:

IN THE SECTION 104 EROSION & SEDIMENT CONTROL PLAN, THE CONTRACTOR SHALL PROVIDE A DETAILED SEQUENCE OF CONSTRUCTION FOR ALL CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL FOLLOW THE SEQUENCE OF MAJOR ACTIVITIES DESCRIBED BELOW UNLESS THE CONTRACTOR PROPOSES A DIFFERENT SEQUENCE THAT IS THE EQUAL OR BETTER AT CONTROLLING EROSION AND TRAPPING SEDIMENT AND IS APPROVED BY THE ENGINEER.

INSTALL PERIMETER EROSION AND SEDIMENT CONTROLS AFTER CLEARING AND GRUBBING NECESSARY FOR INSTALLATION OF CONTROLS BUT BEFORE CLEARING AND GRUBBING OTHER AREAS OF THE SITE.

- 1. CLEARING AND GRUBBING.
- 2. ASPHALT MILLING AND RESURFACING
- 3. DRAINAGE WORK

1.C. AREA ESTIMATES

TOTAL PROJECT AREA: 0.27 ACRES
TOTAL AREA TO BE DISTURBED: 0.27 ACRES

1.D. RUNDUFF DATA

Runoff Coefficients:
Before Construction: 0.25
During Construction: 0.33
After Construction: 0.33

1.E. SITE MAP

THE SHEETS CONSTRUCTION PLANS ARE BEING USED AS THE SITE MAPS. THE LOCATION OF THE REQUIRED INFORMATION IS DESCRIBED BELOW. THE SHEET NUMBERS FOR THE PLANS REFERENCED IN THIS SECTION ARE IDENTIFIED ON THE KEY SHEET OF THE PLANS.

* APPROXIMATE SLOPES: THE PLANS MAINTAINS A 2% TYPICAL CROSS SLOPE AS INDICATED ON THE TYPICAL SECTION.

* AREAS OF SOIL DISTURBANCE: THE LIMITS OF SOIL DISTURBANCE ARE SHOWN ON THE TYPICAL SECTION SHEETS AND PLANS SHEETS.

* AREAS NOT TO BE DISTURBED: ENTIRE PROJECT AREA TO BE DISTURBED.

* LOCATIONS OF TEMPORARY CONTROLS: ROCK BAGS WILL BE LOCATED AROUND ALL EXISTING AND PROPOSED INLETS; TURBIDITY BARRIERS WILL BE LOCATED AT ANY BODIES OF WATER AFFECTED BY THIS PROJECT.

* LOCATIONS OF PERMANENT CONTROLS: PERMANENT FEATURES ARE SHOWN ON THE CONSTRUCTION PLANS, WHICH GENERALLY CONSIST OF SOD, ASPHALT, CONCRETE, AND DRAINAGE STRUCTURES.

* SURFACE WATERS: NONE

* WETLAND AREAS: NONE

2.0 CONTROLS

2.A. EROSION AND SEDIMENT CONTROLS:

IN THE SECTION 104 EROSION AND SEDIMENT CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED STABILIZATION AND STRUCTURAL PRACTICES BASED ON THE CONTRACTOR'S TRAFFIC CONTROL PLAN. THE FOLLOWING RECOMMENDED GUIDELINES ARE BASED ON THE TRAFFIC CONTROL PLAN (TCP) OUTLINED IN THESE CONSTRUCTION PLANS. THE CONTRACTOR MAY CHOOSE TO ACCEPT THE FOLLOWING GUIDELINES OR MODIFY THEM IN THE SECTION 104 EROSION CONTROL PLAN, SUBJECT TO APPROVAL OF THE ENGINEER. AS WORK PROGRESSES, THE CONTRACTOR SHALL MODIFY THE PLAN TO ADAPT TO SEASONAL VARIATION, CHANGES IN CONSTRUCTION ACTIVITIES AND THE NEED FOR BETTER PRACTICES TO LIMIT THE TRANSPORT OF SEDIMENT FROM THE CONSTRUCTION AREA. THE CONTRACTOR SHALL MINIMIZE THE SOIL AREAS EXPOSED AT ANY GIVEN TIME AND SHALL STABILIZE AREAS THAT WILL REMAIN IDLE FOR MORE THAN 7 DAYS. THE CONTRACTOR SHALL UTILIZE GRADING TECHNIQUES TO DIRECT RUNOFF TO AREAS WITH THE PROPER EROSION CONTROL FEATURES INSTALLED AND AWAY FROM OPEN WATER OR OTHER SENSITIVE AREAS ADJACENT TO THE WORK SITE.

2.A.1 STABILIZATION PRACTICES:

IN THE SECTION 104 EROSION & SEDIMENT CONTROL PLANS, THE CONTRACTOR SHALL DESCRIBE THE STABILIZATION PRACTICES PROPOSED TO CONTROL EROSION. THE CONTRACTOR SHALL INITIATE ALL STABILIZATION MEASURES AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 14 DAYS. IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED THE STABILIZATION PRACTICES PROPOSED BY THE CONTRACTOR SHALL INCLUDE AT LEAST THE FOLLOWING: PERMANENT:

- * ASPHALT OR CONCRETE SURFACE.
- * SOD IN ACCORDANCE WITH ORDINANCE 12636.

2.A.2 STRUCTURAL PRACTICES:

IN THE SECTION 104 EROSION & SEDIMENT CONTROL PLANS, THE CONTRACTOR SHALL DESCRIBE THE STRUCTURAL PRACTICES TO CONTROL OR TRAP SEDIMENT AND OTHERWISE PREVENT THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE. ALL SEDIMENTS CONTROLS SHALL BE IN PLACE BEFORE ANY SOIL DISTURBING ACTIVITY UPSTREAM OF THE CONTROL. THE STRUCTURAL PRACTICES PROPOSED BY THE CONTRACTOR SHALL INCLUDE AT LEAST THE FOLLOWING:

TEMPORARY:

- * ROCK BAGS IN ACCORDANCE WITH DESIGN STANDARD 102 AND SPECIFICATION SECTION 104.
- * PERMANENT:
 - * CURB AND GUTTER
 - * DRAINAGE STRUCTURES
 - * SOD

2.B. STORM WATER MANAGEMENT:
DRAINAGE PATTERNS AND DIVIDES ARE INCLUDED ON THE DRAINAGE MAP INCLUDED IN THE DRAINAGE REPORT. STORM WATER IS CAPTURED BY PROPOSED INLETS AND RETAIN IN INFILTRATION TRENCHES

2.C. OTHER CONTROLS:

THE CONTRACTOR SHALL PRACTICE GOOD HOUSEKEEPING BY INSTITUTING A CLEAN, ORDERLY CONSTRUCTION SITE; THE FOLLOWING CONTROLS SHALL BE IMPLEMENTED TO FURTHER REDUCE POLLUTION AT THE PROJECT SITE:

2.C.1. DISCHARGE OF MATERIAL TO SURFACE WATERS:

NO CONSTRUCTION MATERIAL SHALL BE DISCHARGE TO WATERS OF THE STATE UNLESS AUTHORIZED BY SECTION 40. PERMIT AND/OR CONSTRUCTION DEBRIS SHALL BE DISPOSED OF IN AN APPROVED UPLAND LOCATION. BUILDING MATERIAL SHALL NOT BE DISPOSED OF IN WETLANDS OR BURIED ON-SITE. IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED METHODS TO PREVENT THE DISCHARGE OF SOLID MATERIALS, INCLUDING BUILDING MATERIAL. THE PROPOSED METHODS SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER.

* PROVIDE LITTER CONTROL AND COLLECTION WITHIN THE PROJECT LIMITS DURING CONSTRUCTION ACTIVITIES.

* DISPOSE OF ALL FERTILIZER OR OTHER CHEMICAL CONTAINERS ACCORDING TO EPA'S STANDARD PRACTICES AS DETAILED BY THE MANUFACTURER.

* DISPOSE OF SOLID MATERIALS INCLUDING BUILDING AND CONSTRUCTION MATERIALS OFF THE PROJECT SITE BUT NOT IN SURFACE WATERS OR WETLANDS.

2.C.2. OFF-SITE VEHICLE TRACKING AND DUST CONTROL:

THE CONTRACTOR SHALL TAKE MEASURES TO INSURE THE CLEANUP OF THE SEDIMENTS THAT HAVE BEEN TRACKED BY VEHICLES OR HAVE BEEN TRANSPORTED BY WIND OR STORM WATER ABOUT THE SITE OR ONTO NEARBY ROADWAYS.

STABILIZED CONSTRUCTION ENTRANCES AND CONSTRUCTION ROADS, IF APPROPRIATE, SHALL BE IMPLEMENTED IN ORDER TO REDUCE OFF-SITE TRACKING. LOADED HAUL TRUCKS SHALL BE COVERED WITH TARPULIN. EXCESS DIRT ON THE ROAD SHALL BE REMOVED DAILY. PROVIDE A STREET SWEEPING PLAN TO THE CITY INSPECTOR.

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED METHODS FOR MINIMIZING OFF-SITE VEHICLE TRACKING OF SEDIMENTS AND GENERATING DUST. THE PROPOSED METHODS SHALL INCLUDE AT LEAST THE FOLLOWING UNLESS OTHERWISE APPROVED BY THE ENGINEER.

* COVER LOADED HAUL TRUCKS WITH TARPULINS.

* REMOVE EXCESS DIRT FROM ROADS DAILY.

* STABILIZE CONSTRUCTION ENTRANCES ACCORDING TO DESIGN STANDARDS 106. (CONSTRUCTION ENTRANCES ARE ALREADY STABILIZED FOR THIS PROJECT)

REVISIONS

DATE	BY	DESCRIPTION

FOR

MICHELLE M. ARAWA, P.E.
P.E. LICENSE NUMBER 62472
T.Y. LIN INTERNATIONAL
201 ALHAMBRA CIR. SUITE 900
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Little River Pocket Mini Park Shoreline Restoration
PROJECT No.
PROJECT ADDRESS
998 NE 78th Street
Miami, FL 33138

B-193501

SWPPP-1

2.C.3. WASTE DISPOSAL, SANITARY SEWER OR SEPTIC TANK REGULATIONS:

THE CONTRACTOR SHALL DEMONSTRATE THE PROPER DISPOSAL OF ALL CONSTRUCTION WASTE GENERATED WITHIN THE PROJECT LIMITS. WASTE MAY INCLUDE, BUT NOT LIMITED TO, VEGETATION FROM CLEANING AND GRUBBING ACTIVITIES, PACKAGING MATERIAL, SCRAP BUILDING MATERIAL, LITTER FROM TRAVELING PUBLIC, SEWAGE FROM SANITARY FACILITIES, HERBICIDES AND PESTICIDES AND THEIR CONTAINERS, AND HYDROCARBON PRODUCTS SHALL BE DESIGNATE A WASTE COLLECTION AREA ON SITE AND DELINEATE THE SANITARY SEPTIC FACILITIES SHALL BE PROVIDED AND MAINTAINED IN A NEAT AND SANITARY CONDITION. FOR THE USE OF THE CONTRACTOR'S EMPLOYEES AS NECESSARY TO COMPLY WITH THE REQUIREMENTS AND REGULATIONS OF THE STATE AND LOCAL BOARDS OF HEALTH, A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR AS REQUIRED BY THE STATE REGULATIONS WILL COLLECT ALL SANITARY WASTE FROM PORTABLE UNITS. THE CONTRACTOR WILL PROVIDE LITTER CONTROL AND COLLECTION WITHIN THE PROJECT LIMITS DURING CONSTRUCTION ACTIVITIES. THE CONTRACTOR WILL PROVIDE AN ADEQUATE NUMBER OF LITTER CONTAINERS WITH LIDS AT THIS STAGING STOCKPILE AND FIELD OFFICE AREAS. WASTE COLLECTION WILL BE SCHEDULED SO THAT CONTAINERS ARE EMPTIED PRIOR TO OVERTFLOW. SPILLED LITTER CONTAINERS WILL BE CLEANED UP IMMEDIATELY.

STORM WATER POLLUTION PREVENTION NOTES CONTINUED:

2.C.4. FERTILIZERS AND PESTICIDES:
THE APPLICATION AND HANDLING OF HERBICIDES AND PESTICIDES SHALL BE IN COMPLIANCE WITH THE MANUFACTURER'S-RECOMMENDED METHOD AND IN ACCORDANCE WITH FOOT STANDARD SPECIFICATION FOR ROADS AND BRIDGE CONSTRUCTION. HERBICIDES AND PESTICIDES SHALL BE ONSITE IN THEIR ORIGINAL CONTAINERS WITH PRODUCT LABEL INTACT.

2.C.5 TOXIC/HAZARDOUS MATERIAL HANDLING
CONTRACTOR SHALL PROVIDE EQUIPMENT NECESSARY TO CONTAIN AND CLEAN UP SPILLS OF HAZARDOUS MATERIAL AFTER THEY OCCUR. SPILLED MATERIAL AND THE EQUIPMENT USED TO CLEAN UP THE SPILL SHALL NOT COME IN CONTACT WITH SURFACE WATERS OR BE INTRODUCED INTO STORM WATER. DISPOSAL OF SURPLUS PRODUCT WILL BE DONE ACCORDING TO MANUFACTURE RECOMMENDED METHOD.

CONTRACTOR SHALL PROVIDE A PROJECT SPECIFIC HAZARDOUS MATERIAL SPILL CONTROL PLAN TO ADDRESS THE HANDLING OF HYDROCARBON AND HAZARDOUS MATERIALS.
PETROLEUM PRODUCTS SHALL BE STORED IN COVERED AREAS WITH SECONDARY CONTAINMENT SURROUNDING CONTAINER. TOXIC/HAZARDOUS MATERIAL EXPOSED DURING CONSTRUCTION ACTIVITIES SHALL BE HANDLE AS PER THE FOOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

2.D. STATE AND LOCAL PERMITS TO BE APPLIED FOR:

- * CLASS II FROM THE DEPARTMENT OF ENVIRONMENTAL RESOURCES MANAGEMENT.
- * NPDES FROM THE CITY OF MIAMI PUBLIC WORKS DEPARTMENT

3.0 MAINTENANCE

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL PROVIDE A PLAN FOR MAINTAINING ALL EROSION AND SEDIMENT CONTROLS THROUGHOUT CONSTRUCTION. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED IN GOOD WORKING ORDER BY THE CONTRACTOR IF A CONTROL NEEDS REPAIR OR REPLACEMENT. IT WILL BE INITIATED WITHIN 24 HOURS OF REPORT AND RECORDED ON THE INSPECTION FORMS. MAINTENANCE SHALL CONTINUE UNTIL ALL ERODIBLE SOILS WITHIN THE CONTRIBUTING AREA HAVE BEEN STABILIZED. AT THIS POINT, THE CONTRACTOR SHALL REMOVE EXCESS SILT AT THE CONTROLS AND REMOVE THE TEMPORARY DEVICES. THE MAINTENANCE PLAN SHALL AT MINIMUM, COMPLY WITH THE FOLLOWING:

- * INLET PROTECTION (ROCK BAGS): THE CONTRACTOR SHALL INSPECT THE PROTECTED INLETS EVERY TWO WEEKS AND REPLACE THE ROCK BAGS IF NECESSARY OR WHEN EXCESSIVE FLOWING OCCURS. ELIMINATE BREACHES IN THE PROTECTION.
- * TURBIDITY BARRIER: MAINTAIN AS PER SECTION 104 OF THE SPECIFICATIONS.
- * STREET SWEEPING: DAILY CONTROL AND DUST PREVENTION WITH WATER TRUCK.
- * GRASSED AREAS, NEWLY SODDED AREAS AND ADJACENT AREAS DISTURBED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED AND MAINTAINED, WATERING AND MOWING AS NEEDED OR REQUIRED IN THE FOOT STANDARD SPECIFICATIONS.

4.0 INSPECTIONS

QUALIFIED PERSONNEL SHALL INSPECT ALL THE CONTROL FEATURES AT LEAST ONE EVERY 7 CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.50 INCHES OR GREATER TO COMPLY THE CONTRACTOR SHALL INSTALL AND MAINTAIN RAIN GAUGES AND RECORD THE DAILY RAINFALL. WHERE SITES HAVE BEEN PERMANENTLY STABILIZED, INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY WEEK. THE CONTRACTOR SHALL ALSO ENSURE THAT CONTROLS INSTALLED IN THE FIELD AGREE WITH THE LATEST STORMWATER POLLUTION PREVENTION PLAN (SWPPP). THE FOLLOWING ITEMS WILL BE INSPECTED:

- * POINTS OF DISCHARGE TO SURFACE WATERS OR WETLANDS: INSPECT TO DETERMINE IF CONTROLS ARE EFFECTIVE IN PREVENTING OR MINIMIZING THE DISCHARGE OF POLLUTANTS.
- * POINTS OF DISCHARGE TO MUNICIPAL SEPARATE STORM SEWER SYSTEMS (INLETS, ETC.): INSPECT TO DETERMINE IF CONTROLS ARE EFFECTIVE IN PREVENTING OR MINIMIZING THE DISCHARGE OF POLLUTANTS.
- * DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN FINALLY STABILIZED: INSPECT FOR EVIDENCE OF POTENTIAL FOR DISCHARGING POLLUTANTS INTO SURFACE WATERS OR STORMWATER SYSTEMS.
- * AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION: INSPECT FOR EVIDENCE OF POTENTIAL FOR DISCHARGING POLLUTANTS INTO SURFACE WATERS OR STORMWATER SYSTEMS.

* STRUCTURAL CONTROLS: INSPECT FOR PROPER INSTALLATION AND OPERATION.

* STORMWATER MANAGEMENT SYSTEMS: INSPECT FOR PROPER OPERATION. EVIDENCE OF FLOODING DUE TO SEDIMENTATION OR CONTROLS REQUIRING MAINTENANCE.

* LOCATIONS WHERE VEHICLES ENTER AND EXIT THE SITE: INSPECT FOR EVIDENCE OF OFFSITE TRACKING.

* FINAL INSPECTION REQUIRES ALL EXISTING AND PROPOSED STORMSEWER SYSTEM TO BE DESLUTED/JETTED WITH A VACTOR TRUCK IN THE PRESENCE OF A NPDES INSPECTOR.

5.0 NON-STORM WATER DISCHARGES:

THE CONTRACTOR SHALL INITIATE WITHIN 24 HOURS OF INSPECTION THAT INDICATES ITEMS ARE NOT IN GOOD WORKING ORDER BASED ON THE RESULTS OF THE INSPECTION, ALL MAINTENANCE OPERATIONS NEEDED TO ASSURE PROPER OPERATION OF ALL CONTROLS, BMPs OR MEASURES IDENTIFIED IN THIS SWPPP SHALL BE DONE IN A TIMELY MANNER, BUT, NO LATER THAN 7 CALENDAR DAYS FOLLOWING THE INSPECTION. ALL MAINTENANCE OPERATIONS SHALL BE INITIATED AS SOON AS POSSIBLE AS LONG AS THE WORK IN THE PLAN ARE NOT DONE. THESE REVISIONS SHALL BE IMPLEMENTED NO LATER THAN 7 CALENDAR DAYS FOLLOWING THE INSPECTION. A QUALITY (USE FOOT FORM 650-040-03) SUMMARIZING THE SCOPE OF THE INSPECTION SHALL INCLUDE THE INSPECTORS NAME, QUALIFICATIONS, DATE, RAINFALL DATA, OBSERVATIONS RELATING TO THE SWPPP, AND ACTIONS TAKEN SINCE THE LAST REPORT. THE REPORT SHALL IDENTIFY ALL INCIDENTS OF NON-COMPLIANCE.

IF THERE ARE NO INCIDENTS OF NON-COMPLIANCE, THE REPORT SHALL CONTAIN A CERTIFICATION THAT THE FACILITY IS IN COMPLIANCE WITH THE SWPPP AND THE PERMIT. THE REPORT SHALL BE SIGNED AND FILED AS REQUIRED BY THE GENERIC PERMIT.

THE CONTRACTOR SHALL MAINTAIN A FILE CONTAINING THE CURRENT SWPPP, NOI SUBMITTAL, CERTIFICATIONS AND ALL THE SIGNED INSPECTION REPORTS; THE NOTICE OF INTENT SUBMITTED AS REQUIRED BY CHAPTER 02-621, FAC. MUST BE POSTED AT THE SITE.

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL IDENTIFY ALL ANTICIPATED NON-STORM WATER DISCHARGES (EXCEPT FLOWS FROM FIRE FIGHTING ACTIVITIES) SUCH AS THOSE LISTED BELOW. THE CONTRACTOR SHALL DESCRIBE THE PROPOSED MEASURES TO PREVENT POLLUTION FROM THESE NON-STORM WATER DISCHARGES.

IF CONTAMINATED SOIL OR GROUNDWATER IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR IS TO CEASE OPERATIONS IN THAT AREA. THE CONTRACTOR SHALL CONTACT THE CITY OF MIAMI PROJECT MANAGER.

A DEWATERING PERMIT IS REQUIRED TO REMOVED GROUNDWATER FROM THE CONSTRUCTION SITE.

- * CULVERT INSTALLATION METHODS
- * SLURRY DISPOSAL
- * DUST CONTROL
- * EQUIPMENT WASHOUT
- * PIPE DESLUTTING ACTIVITIES
- * IRRIGATION

6.0 CONTRACTOR SUBMITTAL:

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DEVELOP AN EROSION CONTROL PLAN THAT PROVIDES A DETAILED DESCRIPTION OF ALL EROSION AND SEDIMENT CONTROLS, BMPs AND MEASURES THAT WILL BE IMPLEMENTED AT THE CONSTRUCTION SITE FOR EACH ACTIVITY IDENTIFIED IN SECTION 1.B SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES. CONTRACTOR IS RESPONSIBLE FOR PROVIDING TIMEFRAMES IN WHICH THE CONTROLS WILL BE IMPLEMENTED, MAINTAINED AND REMOVED. THIS INFORMATION SHALL BE CONSIDERED IN COMPLIANCE WITH THE FDP GENERIC PERMIT FOR STORM WATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION SITES.

THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THE FOLLOWING ITEMS ARE ON SITE:

1. COPY OF THE SWPPP WITH THE ORIGINAL CERTIFICATION SIGNATURES.
2. COPY OF THE CONTRACTOR'S EROSION CONTROL PLAN.
3. HAZARDOUS SPILL CONTROL PLAN WITH GUIDELINES ON CONTACTING THE 24-HOUR EMERGENCY RESPONSE PROGRAM FOR HAZARDOUS MATERIAL SPILLS. THIS SHALL INCLUDE COPIES OF DISCHARGE NOTIFICATIONS THAT HAVE OCCURRED WITHIN THE PROJECT LIMITS.
4. COMPLETE INSPECTION FORMS.

REVISIONS

DATE

BY

DESCRIPTION

FOR

NICHELLE M. ARAWA, P.E.
P.E. LICENSE NUMBER G2472
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PROJECT ADDRESS
Little River Pocket Mini Park Shoreline Restoration

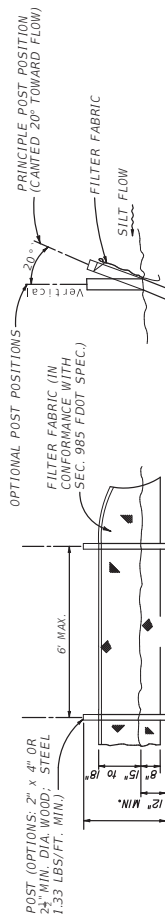
PROJECT No.

B-193501

998 NE 78th Street
Miami, FL 33138

SWPPP-2

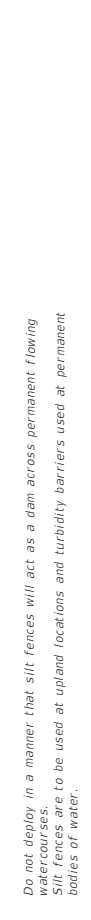
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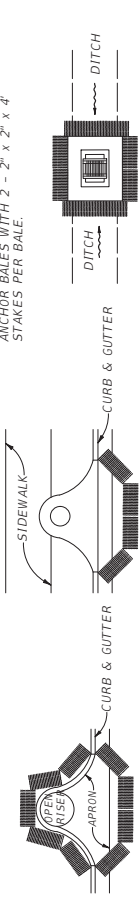
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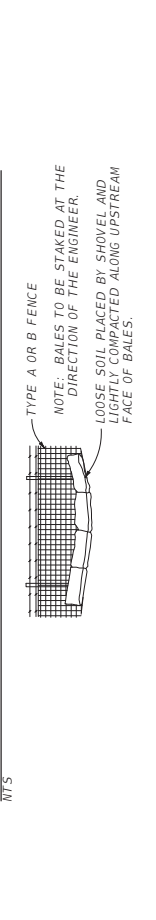
NOTE: SPACING FOR TYPE III FENCE TO BE IN ACCORDANCE WITH CHART 1, SHEET 1 OF 3 AND DITCH INSTALLATIONS AT DRAINAGE STRUCTURES SHEET 2 OF 3 PER INDEX 102



Do not deploy in a manner that silt fences will act as a dam across permanent flowing watercourses. Silt fences are to be used at upland locations and turbidity barriers used at permanent bodies of water.



PROTECTION AROUND INLETS OR SIMILAR STRUCTURES NTS



STORM WATER POLLUTION PREVENTION PRACTICES: (FOR PROJECTS OF 1 ACRE OR MORE)

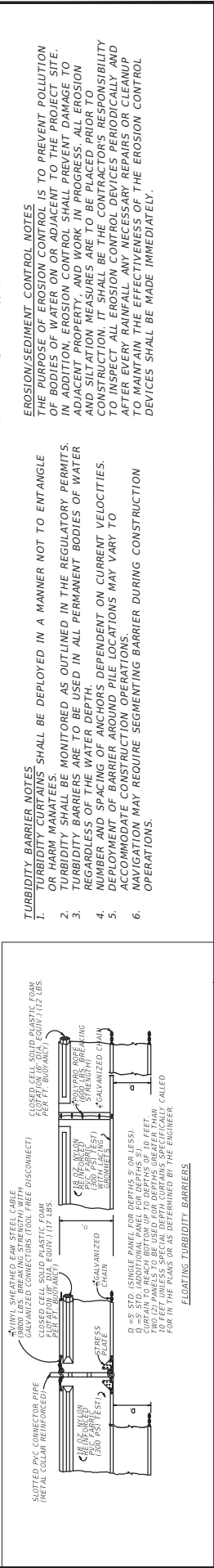
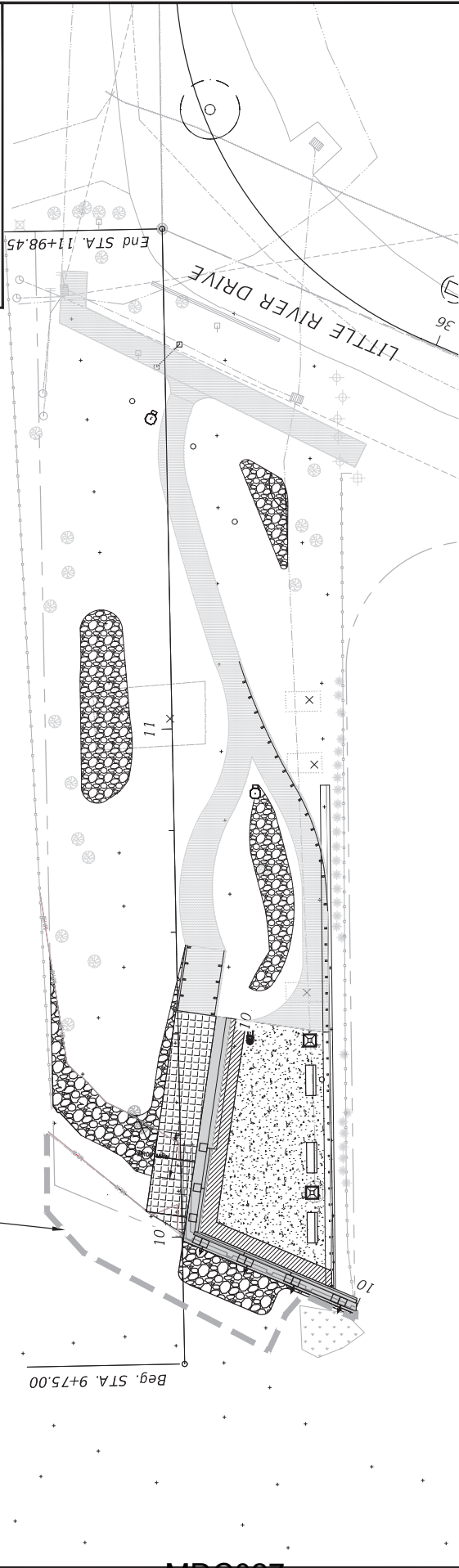
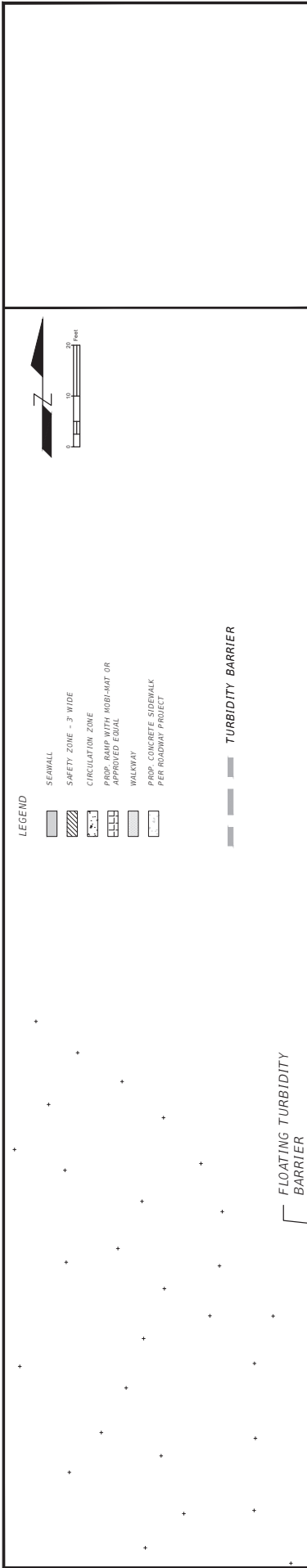
1. PER TREE PROTECTION AND PRUNING SHALL BE ACCOMPLISHED AS DETAILED IN SPECIAL PROVISIONS. THE CONSTRUCTION PLANS, AND OR TREE PROTECTION AND PRUNING SHALL BE ACCOMPLISHED AS DETAILED IN SPECIAL PROVISIONS. THE CONSTRUCTION PLANS, AND OR TREE PROTECTION AND PRUNING SHALL BE ACCOMPLISHED AS DETAILED IN SPECIAL PROVISIONS.
2. THE STORM WATER POLLUTION PREVENTION PLAN, SWPPP, SUBMITTED TO PUBLIC WORKS, SHALL DESCRIBE IN DETAIL HOW THE CONSTRUCTION EFFORT WILL BE PHASED WITH REGARDS TO MINIMIZING EROSION PROBLEMS BY THE USE OF TEMPORARY AND PERMANENT EROSION CONTROL MEASURES. FOR THE VARIOUS SEQUENCES OF CONSTRUCTION OPERATIONS. ANY MODIFICATIONS MUST BE APPROVED BY THE CITY OF MIAMI - NPDES SECTION, DEPARTMENT OF PUBLIC WORKS.
3. ENVIRONMENTAL CONTROL FEATURES AS PROVIDED IN THE SWPPP, ARE TO BE INSTALLED AT ALL AREAS OF EXCAVATION OR FILL FOR DRAINAGE SYSTEM, OR STRUCTURE CONSTRUCTION PRIOR TO SUCH EXCAVATION OR FILL. INLET ENTRANCES ARE ALSO TO BE PROTECTED FROM SILTATION AS DETAILED ON SHEET 2 OF 4 OF MISC. 35-89-6.
4. ALL ENVIRONMENTAL CONTROL FEATURES ARE TO BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT IN ACCORDANCE WITH NPDES REQUIREMENTS. THE CONTRACTOR MUST INSURE THAT ALL EROSION CONTROL FEATURES FUNCTION PROPERLY AT ALL TIMES.
5. ALL EROSION AND MATERIAL DEPOSITS MUST BE CONTAINED WITHIN THE PROJECT LIMITS.
6. ANY DAMAGED OR INEFFECTIVE ROCK BAGS ARE TO BE REPLACED WITH NEW ONES. THE LOCATION OF ROCK BAGS INSTALLATION IS AS MENTIONED IN THE SWPPP PLANS. THE PROJECT ENGINEER MAY SPECIFY OTHER AREAS AS NECESSARY.
7. DITCH BOTTOM INLETS SHALL BE PROTECTED FROM SEDIMENT INTAKE UNTIL PROJECT IS COMPLETE. ELEVATION OF GROUND OUTSIDE INLET TOP SHALL NOT BE HIGHER THAN INLET TOP. ROCK BAGS SHALL BE INSTALLED AROUND INLET TOP. COMPLETED INLETS IN PAVED AREAS SHALL ALSO BE PROTECTED WITH ROCK BAGS TO PREVENT SEDIMENT INTAKE.
8. CURB INLETS ALSO, SHALL BE PROTECTED FROM SEDIMENT INTAKE UNTIL THE PROJECT IS COMPLETE. ALL EXPOSED SLOPED MATERIAL ADJACENT TO INLET, SHALL BE COVERED WITH EROSION CONTROL MATTING WITH OUTER LIMITS PROTECTED BY ROCK BAGS.
9. STOCKPILED MATERIAL SHALL NOT BE LEFT IN EROSION PRONE AREAS UNLESS PROTECTED BY COVER OR ROCK BAGS.
10. INSPECTION OF EROSION CONTROL MEASURES AND CONDITION OF ADJACENT PROPERTIES, SHALL BE PERFORMED DAILY BY THE CONTRACTOR'S REPRESENTATIVE AND THE PROJECT ENGINEER. DEFICIENCIES SHALL BE NOTED AND CORRECTED.
11. ANY OFFSITE SEDIMENT DISCHARGE TO A MUNICIPAL SEWER, FRENCH DRAINS, COVER DITCHES AND/OR ROCK BAGS FOR THE DISPOSAL OF WASTEWATER IS NOT ALLOWED. REFER TO PUBLIC WORKS DEPARTMENT BULLETIN No. 25.
12. THE USE OF SANITARY SEWERS, FRENCH DRAINS, COVER DITCHES AND/OR ROCK BAGS FOR THE DISPOSAL OF WASTEWATER IS EXPRESSLY PROHIBITED.

REFER TO PUBLIC WORKS DEPARTMENT BULLETIN No. 25. * NPDES - NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM

STORM WATER POLLUTION PREVENTION PLAN (SWPPP)

- A. EROSION & SEDIMENT CONTROL STABILIZATION
- TEMPORARY SODDING
 - TEMPORARY GRASSING
 - MULCH
 - TEMPORARY MULCHING
 - ARTIFICIAL COVERING
 - BUFFER ZONES
 - PRESERVATION OF NATURAL RESOURCES
 - OTHER
- B. STRUCTURAL PRACTICES:
- SAND BAGGING
 - 1. APPROVED STATE, LOCAL PLANS OR STORM WATER PERMITS.
 - 2. ALL OF THE CONTROLS SHALL BE MAINTAINED AT ALL TIMES.
 - 3. ALL CONTROLS SHALL BE INSPECTED DAILY.
 - 4. APPLY FERTILIZERS AND PESTICIDES ACCORDING TO STANDARD SPECIFICATIONS, DESIGN AND SPECIAL PROVISIONS.
 - 5. REPORT NON-STORM WATER DISCHARGE (INCLUDING SPILL) (305) 416-1200.
 - 6. VISIT www.dep.state.fl.us/water/stormwater/npdes/
- C. OTHER CONTROLS: OFFSITE VEHICLE TRACKING:
- HAUL ROADS DAMPENED FOR DUST CONTROL
 - LOADED HAUL TRUCKS TO BE COVERED WITH TARPULLIN, OR APPROVED EQUAL.
 - EXCESS DIRT ON ROAD REMOVED DAILY
 - STABILIZED CONSTRUCTION ENTRANCE
 - CONCRETE TRUCK WASH AREA
 - OTHER TREATMENT OF STORM WATER TO MEET WATER QUALITY:
 - DEEP WELLS
 - CULVERTS FOR EMERGENCY OVERFLOW
 - POLLUTION CONTROL STRUCTURES
 - OTHER
 - D. GENERAL

DATE	BY	DESCRIPTION
<p>FOR MICHELLE M. ARAMA, P.E. P.E. LICENSE NUMBER G2472 TYLIN INTERNATIONAL 201 ALHAMBRA CIR SUITE 900 CORAL GABLES, FL 33134</p>		
<p>CITY OF MIAMI OFFICE OF CAPITAL IMPROVEMENTS 444 SW 2ND AVENUE 8TH FLOOR MIAMI, FLORIDA 33130 (305) 486-1333 FAX (305) 416-1053</p>		
PROJECT ADDRESS		PROJECT No.
998 NE 78th Street Miami, FL 33138		B-193501
<p>SWPPP-3</p>		
<p>17</p>		



DATE	BY	DESCRIPTION

FOR MICHELLE M. ARANA, P.E. P.E. LICENSE NUMBER G2472 T.Y. LIN INTERNATIONAL 201 ALHAMBRA CIR. SUITE 900 CORAL GABLES, FL 33134		CITY OF MIAMI OFFICE OF CAPITAL IMPROVEMENTS 448 S.W. 2ND AVENUE - 8TH FLOOR MIAMI, FLORIDA 33130 (305) 436-1411 FAX (305) 406-1053	Little River Pocket Mini Park Shoreline Restoration PROJECT No. B-193501 998 NE 78th Street Miami, FL 33138	SHEET NO. 18
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EROSION/SEDIMENT CONTROL NOTES
 THE PURPOSE OF EROSION CONTROL IS TO PREVENT POLLUTION OF BODIES OF WATER ON OR ADJACENT TO THE PROJECT SITE. IN ADDITION, EROSION CONTROL SHALL PREVENT DAMAGE TO ADJACENT PROPERTY, AND WORK IN PROGRESS. ALL EROSION AND SILTATION MEASURES ARE TO BE PLACED PRIOR TO CONSTRUCTION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO INSPECT ALL EROSION CONTROL DEVICES PERIODICALLY AND AFTER EVERY RAINFALL ANY NECESSARY REPAIRS OR CLEANUP DEVICES SHALL BE MADE IMMEDIATELY.

- TURBIDITY BARRIER NOTES**
1. TURBIDITY CURTAINS SHALL BE DEPLOYED IN A MANNER NOT TO ENTANGLE OR HARM MANATEES.
 2. TURBIDITY BARRIERS ARE TO BE USED IN ALL PERMANENT BODIES OF WATER REGARDLESS OF THE WATER DEPTH.
 3. NUMBER AND SPACING OF ANCHORS DEPENDENT ON CURRENT VELOCITIES.
 4. DEPLOYMENT OF BARRIER AROUND PILE LOCATIONS MAY VARY TO ACCOMMODATE CONSTRUCTION OPERATIONS.
 5. NAVIGATION MAY REQUIRE SEGMENTING BARRIER DURING CONSTRUCTION OPERATIONS.

Attachment C

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

Eduardo Araoz & Monica Marambio
1000 NE Little River Dr
Miami, FL 33138

Carole A Romanik LE
REM Merrill A Romanik
1018 NE Little River Dr
Miami, FL 33138

Eduardo Araoz
1026 NE Little River Dr
Miami, FL 33138

Sandra W Bensch
1032 NE Little River Dr
Miami, FL 33138

994 NE 78 LLC
20200 W Dixie Hwy Ste 605A
Miami, FL 33180

Johan Pedraza
980 NE 78 St
Miami, FL 33138

Pretty Little River 78 LLC
1071 NE 79 St Unit 105
Miami, FL 33138

South Florida Water Management
District
3301 Gun Club Rd
West Palm Beach, FL 33406

Mohammed I Hussain
905 Belle Meade Island Dr
Miami, FL 33138

Oriel TSVI TRS, Oriel TSVI (BEN)
915 Belle Meade Island Dr
Miami, FL 33138

Thaddeaus Scislowski, Susan
Scislowski
919 Belle Meade Island Dr
Miami, FL 33138

Milton G Hugh
921 Belle Meade Island Dr
Miami, FL 33138

Luis M Santeusanio & W Linda
951 Belle Meade Island Dr
Miami, FL 33138

Vivian Alvarez Trust
1005 Belle Meade Island Dr
Miami, FL 33138

Harold S Sussman & Carol L Troendle
1015 Belle Meade Island Dr
Miami, FL 33138

Leon Diamond & Kara Rosen
1025 Belle Meade Island Dr
Miami, FL 33138

Lindsay Elam
Miami-Dade Department of Regulatory
and Economic Resources
701 NW 1st Court, 6th Floor
Miami, FL 33136

TYLin
201 Alhambra Circle, Suite 900
Coral Gables, FL 33134

Attachment D
DERM Project Report

CLASS I PERMIT APPLICATION NO. CLI-2021-0175

Class I Permit Application by the City of Miami for the Filling of Tidal Waters in Association with the Installation of a Kayak, Canoe, and Paddleboard Ramp and for the Installation of a Seawall and Riprap at Little River Pocket Park, in the City of Miami, Miami-Dade County, Florida

DATE: October 4, 2022

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 and staff's opinion to its conformance 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. Section 24-48.4 of the Code also requires mitigation for permissible projects that otherwise result in unavoidable environmental impacts. Sparse seagrass was documented towards the east property line; however, the project has been designed as to not result in impacts to the seagrass. Additionally, no impacts to the existing mangroves are proposed; however, in order to ensure that the mangroves are not impacted during construction, the Class I permit would require the placement of the riprap by hand in lieu of the use of heavy machinery. Furthermore, the Class I permit would require that turbidity controls be utilized during all phases of construction to ensure compliance with State and County water quality standards. Therefore, no adverse environmental impacts are reasonably anticipated to occur as a result of the proposed project. Mitigation for the filling of tidal waters and for minor temporary impacts to water quality associated with the installation of the ramp and seawall would be satisfied through the placement of riprap along the new seawall in order to extend the life of the seawall and create habitat. Any portion of the required mitigation that cannot be accommodated onsite would 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 (MPP). The project is located within an area designated as essential habitat for the Florida manatee and recommended for "Residential Docking: 1 Motorboat per 100' of Shoreline". However, the MPP's restrictions are focused on powerboats, other motorized vessels, and sailboats, and do not reference kayaks, canoes, or paddleboards, which would not create similar risks to manatees from crushing, propellers, or collisions. As the use of the proposed ramp would be strictly limited to the launching and retrieval of non-motorized kayaks, canoes, and paddleboards, the proposed work is consistent with the recommendations of the MPP. Furthermore, should a Class I permit be issued for the proposed work, the permit would include specific conditions restricting the use of the ramp only for the launching and retrieval of non-motorized kayaks, canoes, and paddleboards and would 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; however, potential temporary water quality impacts have been minimized and would be mitigated as set for 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 habitat.
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 would 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.

City of Miami
CLI-2021-0175, Page 3

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 (Authorization from US Army Corps of Engineers attached)
- c) South Florida Water Management District (Authorization attached)

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 would 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.

City of Miami
CLI-2021-0175, Page 4

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 would not involve the 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. - The proposed project would provide access for a water dependent use.

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. The thresholds for review under the Shoreline Ordinance are not applied, and the project is not subject to shoreline development review.

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.

City of Miami
CLI-2021-0175, Page 5

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** - 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. **Zoning 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) The minimum dredging and filling for the creation and maintenance of marinas, piers, docks and attendant navigational channels.
- (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 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.

Michael Spinelli for

McKee Gray, Manager
Coastal Resources Section

Lindsay Elam

Lindsay Elam, Biologist II
Coastal Resources Section

Attachment E

**South Florida Water Management District General Permit No.
16410-R**



SFWMD NOTICE GENERAL PERMIT NO. 16410-R
(NON-ASSIGNABLE)

Date Issued: May 11, 2022

AUTHORIZING: REMOVAL OF AN EXISTING CONCRETE SEAWALL, INSTALLATION OF A NEW CONCRETE SEAWALL WITH (11) CONCRETE PILES, AND A 48-INCH OUTFALL CULVERT WITHIN THE NORTH RIGHT OF WAY OF THE C-7 CANAL AT 998 N.E. 78TH STREET (LITTLE RIVER PARK).

LOCATED IN: Miami-Dade County

**ISSUED TO: City Of Miami
444 SW 2nd Avenue
Miami, FL 33130**

This permit is issued pursuant to Application No. 211119-32247 dated November 19, 2021 and permittee's agreement to hold and save the South Florida Water Management District and its successors harmless from any and all damages, claims or liabilities which may arise by reason of the construction, maintenance or use of the work or structure involved in the Permit. Said application, including all plans and specifications attached thereto, is by reference made a part hereof. The permittee, by acceptance of this permit, hereby agrees that he/she shall promptly comply with all orders of the District and shall alter, repair or remove his/her use solely at his/her expense in a timely fashion. Permittee shall comply with all laws and rules administered by the District. This permit does not convey to permittee any property rights nor any rights or privileges other than those specified herein, nor relieve the permittee from complying with any law, regulation, or requirement affecting the rights of other bodies or agencies. All structures and works installed by permittee hereunder shall remain the property of the permittee.

This permit is issued by the District as a revocable license to use or occupy District works or lands. It does not create any right or entitlement, either legal or equitable, to the continued use of the District works or lands. Since this permit conveys no right to the continued use of the District works or lands, the District is under no obligation to transfer this permit to any subsequent party. By acceptance of this permit, the permittee expressly acknowledges that the permittee bears all risk of loss as a result of revocation of this permit.

WORK PROPOSED MUST BE COMPLETED ON OR BEFORE May 31, 2023 .

Otherwise, this permit is void and all rights there under are automatically canceled unless permittee applies for, in writing, a request for extension to the construction period and such request is received by the District on or before the expiration date and such request is granted, in writing, by the District.

SPECIAL CONDITIONS (SPECIFIC PROJECT CONDITIONS) AND LIMITING CONDITIONS ON ATTACHED SHEETS ARE A PART OF THIS DOCUMENT.

Sincerely,

A handwritten signature in blue ink, appearing to read "John Hixenbaugh".

John Hixenbaugh
Section Administrator - Right of Way Section

MDC039

Special Conditions

1. PRIOR TO COMMENCEMENT OF CONSTRUCTION OR UTILIZATION OF THE DISTRICT'S RIGHT OF WAY, PERMITTEE SHALL SCHEDULE AND HOLD A PRE-CONSTRUCTION MEETING WITH THE DISTRICT'S FIELD REPRESENTATIVE ASSIGNED TO THIS PERMIT. NO WORK WITHIN THE RIGHT OF WAY SHALL BE AUTHORIZED WITHOUT FIRST HAVING A MEETING AT WHICH PERMITTEE SHALL BE REQUIRED TO OBTAIN NOTICE TO PROCEED FROM THE FIELD REPRESENTATIVE. IF REQUESTED BY THE FIELD REPRESENTATIVE, PERMITTEE SHALL PREPARE AND PRESENT THE FOLLOWING AT THE MEETING: A) COPIES OF ALL PERMITS THAT MUST BE OBTAINED PRIOR TO THE START OF CONSTRUCTION; B) CONTACT INFORMATION FOR PERMITTEE, THE CONTRACTOR AND/OR THIRD-PARTY INDEPENDENT INSPECTOR, INCLUDING TELEPHONE NUMBERS, EMAIL ADDRESSES AND PHYSICAL ADDRESSES; C) WRITTEN INVENTORY OF ALL VEHICLES AND/OR EQUIPMENT BY TYPE TO ENTER UPON THE RIGHT OF WAY; D) WRITTEN PROCEDURES FOR VACATING THE RIGHT OF WAY WITHIN 24 HOURS NOTICE FROM THE DISTRICT; AND E) CONTACT INFORMATION FOR PERSONS AND/OR VENDORS RESPONSIBLE FOR EMERGENCY VACATION FROM THE RIGHT OF WAY. PERMITTEE SHALL PROVIDE, PREPARE AND/OR PRESENT ANY OTHER DOCUMENTATION, AS MAY BE DIRECTED BY THE FIELD REPRESENTATIVE, IN PREPARATION FOR THE PRE-CONSTRUCTION MEETING.
2. PRIOR TO CONTACTING THE DISTRICT FOR A FINAL INSPECTION, PERMITTEE SHALL REMOVE ALL CONSTRUCTION MATERIALS AND DEBRIS FROM THE DISTRICT'S CANAL AND RIGHT OF WAY AND RESTORE THE RIGHT OF WAY TO THE SATISFACTION OF THE DISTRICT. RESTORATION MAY REQUIRE, BUT NOT BE LIMITED TO, GRADING, COMPACTION OF SOIL, PLACEMENT OF SOD, AND/OR INSTALLATION OF BANK STABILIZATION MATERIALS (E.G., RIP RAP, FILTER FABRIC CLOTH, ETC.). PERMITTEE SHALL BE SOLELY LIABLE FOR ALL COSTS ASSOCIATED WITH RESTORATION OF THE RIGHT OF WAY. ALL RESTORATIVE WORK SHALL BE PERFORMED IN COMPLIANCE WITH DISTRICT SPECIFICATIONS AND DIRECTION.
3. IMMEDIATELY UPON COMPLETION OF THE AUTHORIZED WORK, PERMITTEE SHALL CONTACT THE DISTRICT'S FIELD REPRESENTATIVE ASSIGNED TO THIS PERMIT TO SCHEDULE A FINAL INSPECTION. PERMITTEE SHALL BE REQUIRED TO ATTEND THE FINAL INSPECTION AND PROVIDE COPIES OF ANY DELIVERABLES (E.G., CLOSED BUILDING PERMIT, CERTIFIED AS-BUILT DRAWINGS, ETC.) REQUIRED BY THIS PERMIT AT THAT TIME. PERMITTEE SHALL CORRECT ANY DEFICIENCIES IDENTIFIED DURING THE INSPECTION WITHIN THE TIMEFRAME AND IN THE MANNER DIRECTED BY THE DISTRICT'S FIELD REPRESENTATIVE.
4. THE WORK OR USE AUTHORIZED BY THIS PERMIT SHALL BE COMPLETED BY MAY 31, 2023, UNLESS OTHERWISE EXTENDED BY THE DISTRICT IN WRITING. IF PERMITTEE REQUIRES AN EXTENSION OF THE WORK EXPIRATION DATE, PERMITTEE SHALL SUBMIT A REQUEST FOR AN EXTENSION IN THE MANNER AND FORM AS DIRECTED BY THE DISTRICT. THE DISTRICT RESERVES THE RIGHT TO APPROVE, APPROVE WITH CONDITIONS OR DENY PERMITTEE'S REQUEST.
5. IF A BARGE IS USED TO CONSTRUCT THE AUTHORIZED FACILITIES, THE BARGE WIDTH SHALL NOT EXCEED MORE THAN 25 PERCENT OF THE CANAL WIDTH AT THE SEASONAL HIGH WATER LEVEL AND THE LENGTH OF THE BARGE SHALL BE LESS THAN 50 PERCENT OF THE CANAL WIDTH AT THE SEASONAL HIGH WATER LEVEL. FOR BARGES LAUNCHED FROM A BOAT RAMP, A LETTER OF AUTHORIZATION FROM THE BOAT RAMP OWNER AND A MAP SHOWING ITS LOCATION SHALL BE PROVIDED AT THE REQUIRED PRE-CONSTRUCTION MEETING. NO BARGES MAY BE LAUNCHED FROM THE BANK OF ANY CANAL. IF A BARGE IS TO REMAIN IN THE CANAL OVERNIGHT, SAFETY/NAVIGATIONAL LIGHTING AND SIGNS SHALL BE USED TO ENSURE PUBLIC SAFETY. PERMITTEE SHALL BE SOLELY RESPONSIBLE FOR ALL DAMAGES RESULTING FROM PERMITTEE'S USE OF A BARGE WITHIN THE DISTRICT'S RIGHT OF WAY.

6. THE DISTRICT SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE OR LOSS TO ANY IMPROVEMENTS AND/OR RELATED APPURTENANCES AUTHORIZED BY THIS PERMIT, INCLUDING VESSELS DOCKED THERETO, RESULTING FROM DISTRICT USE, OPERATION (E.G., WATER FLOWS, FLUCTUATIONS AND OPERATIONS OF ITS STRUCTURES), ACTIVITY AND/OR MAINTENANCE OF OR IN ITS RIGHTS OF WAY OR OTHER WORKS OF THE DISTRICT.
7. PERMITTEE SHALL PRESENT A COPY OF THE ITS ENVIRONMENTAL RESOURCE PERMIT (ERP) FOR THE CULVERT CONNECTION AT THE REQUIRED PRE-CONSTRUCTION MEETING. NO WORK WITHIN THE RIGHT OF WAY SHALL PROCEED UNTIL THE ERP HAS BEEN ISSUED.
8. THE KAYAK LAUNCH SHALL BE RESTRICTED TO THE PROPOSED MOBIMAT MATERIAL. REPLACEMENT OF THE MOBIMAT WITH ANY OTHER MATERIAL SHALL BE SUBJECT TO WRITTEN APPROVAL FOR A MATERIAL CHANGE FROM THE DISTRICT.
9. EXCAVATED MATERIAL FROM THE CANAL SHALL NOT BE STOCKPILED IN THE RIGHT OF WAY. PERMITTEE SHALL REMOVE ALL EXCESS MATERIAL FROM THE RIGHT OF WAY.
10. THE BULKHEAD/SEAWALL SHALL BE CONSTRUCTED WITH ADEQUATE RETURNS AT EACH END OF CONSTRUCTION TO PREVENT EROSION THAT COULD UNDERMINE THE BULKHEAD.
11. THE BULKHEAD/SEAWALL SHALL BE OF ADEQUATE DESIGN TO RESIST ALL STATIC AND DYNAMIC FORCES APPLIED THERETO BY CONDITIONS THAT MAY BE CREATED FROM CANAL FLOWS AND STAGES.
12. THE INVERT ELEVATION OF THE AUTHORIZED CULVERT SHALL BE SET AT (-)3.0 FEET NGVD 1929 ((-)4.5 FEET NAVD 1988) OR LOWER.
13. ALL CULVERTS MEASURING 36 INCHES IN DIAMETER OR GREATER SHALL BE EQUIPPED WITH A SKIMMER OR BAFFLE WHICH EFFECTIVELY PRECLUDES THE DISCHARGE OF DEBRIS, VEGETATION OR AQUATIC MATERIAL INTO THE CANAL. PERMITTEE SHALL BE RESPONSIBLE FOR MAINTENANCE OF THE REQUIRED SKIMMER OR BAFFLE.
14. PERMITTEE SHALL BE RESPONSIBLE FOR ENSURING THAT THE AUTHORIZED CULVERT DOES NOT DISCHARGE DEBRIS, VEGETATION OR AQUATIC MATERIAL INTO THE CANAL. IF THE CULVERT CONNECTION OR PERMITTEE FAILS TO PREVENT SUCH DISCHARGE, THE DISTRICT RESERVES THE RIGHT TO REQUIRE PERMITTEE TO REMOVE AND DISPOSE OF DEBRIS FROM THE CANAL AT ITS SOLE EXPENSE IMMEDIATELY UPON DEMAND BY THE DISTRICT. FAILURE TO PREVENT OR REMOVE DISCHARGE FROM THE CANAL SHALL BE GROUNDS FOR REVOCATION OF THIS PERMIT AND REMOVAL OF THE CULVERT FROM THE DISTRICT'S RIGHT OF WAY.
15. PERMITTEE SHALL INSTALL AND MAINTAIN THE EROSION CONTROL RIP-RAP AT THE BASE OF THE SEAWALL AND THE DISCHARGE CULVERT IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS FOR THE WORK AUTHORIZED BY THIS PERMIT.
16. PERMITTEE SHALL TAKE APPROPRIATE PRECAUTIONS DURING WORK ACTIVITIES (E.G., TREE REMOVAL, SPOIL REMOVAL, GRADING, ETC.) TO AVOID DISTURBING THE CANAL BANK SLOPE AND PREVENT SPOIL MATERIAL, DEBRIS, VEGETATION, ETC., FROM ENTERING THE WATER. UNLESS OTHERWISE EXPRESSLY SET FORTH IN THIS PERMIT, NO PLACEMENT OF ANY MATERIAL IS AUTHORIZED IN THE CANAL.
17. FOR WORK REQUIRING THE INSTALLATION OF TURBIDITY BARRIERS OR BOOMS, PERMITTEE SHALL BE REQUIRED TO REMOVE ALL VEGETATION AND SURFACE DEBRIS CAPTURED BY SUCH DEVICES PRIOR TO THEIR REMOVAL.

18. PERMITTEE IS ADVISED THAT MANGROVE TREES ARE PRESENT WITHIN THE LIMITS OF THE PROJECT AREA. MANGROVES ARE A PROTECTED SPECIES IN THE STATE OF FLORIDA. IF THE PROPOSED WORK WILL RESULT IN THE ALTERATION, TRIMMING OR REMOVAL OF MANGROVES, PERMITTEE IS STRONGLY ENCOURAGED TO CONTACT THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION TO DETERMINE WHAT PERMITS, IF ANY, ARE REQUIRED. PERMITTEE SHALL COMPLY WITH ALL LOCAL, STATE AND FEDERAL LAWS RELATED TO MANGROVES, AND SHALL BE LIABLE FOR ALL COSTS, PENALTIES, CORRECTIVE ACTIONS OR OTHER REMEDIES IMPOSED BY ANY AGENCY AS A RESULT OF PERMITTEE'S FAILURE TO COMPLY WITH SUCH LAWS.
19. COMMERCIAL USE OF ANY PORTION OF THE WORK AUTHORIZED BY THIS PERMIT IS PROHIBITED.

General Conditions

1. THIS AUTHORIZATION IS SOLELY FOR THE USE OF PERMITTEE AND PERMITTEE'S CONTRACTOR(S)/SUB-CONTRACTOR(S) PERFORMING WORK WITHIN OR USING THE RIGHT OF WAY.
2. AT NO TIME SHALL THE CANAL BE BLOCKED OR FLOWS OTHERWISE RESTRICTED OR IMPEDED. THIS RESTRICTION SHALL INCLUDE, BUT NOT BE LIMITED TO, A PROHIBITION ON THE USE OF DAMS OR FILL IN THE CANAL DURING ALL PHASES OF CONSTRUCTION AND ANY SUBSEQUENT FUTURE MAINTENANCE OPERATIONS.
3. PERMITTEE AND/OR THE PERMITTEE'S CONTRACTORS SHALL ALWAYS MAINTAIN THE DISTRICT'S VEHICULAR ACCESS THROUGHOUT THE PROJECT LIMITS. IF, IN PERMITTEE'S OPINION, IT WILL BE NECESSARY FOR THE DISTRICT'S VEHICULAR ACCESS TO BE BLOCKED, IMPEDED OR ALTERED AT ANY TIME, PERMITTEE SHALL SUBMIT A WRITTEN REQUEST TO THE DISTRICT SETTING FORTH THE PROPOSED ACTIVITIES THAT WILL RESULT IN OBSTRUCTION OF THE RIGHT OF WAY AND THE DATES THAT THE RIGHT OF WAY WILL BE RENDERED INACCESSIBLE. WRITTEN PERMISSION FROM THE DISTRICT SHALL BE REQUIRED PRIOR TO COMMENCEMENT OF PERMITTEE'S PROPOSED OBSTRUCTION OF THE RIGHT OF WAY. THE DISTRICT, AT ITS SOLE DISCRETION, RESERVES THE RIGHT TO APPROVE, APPROVE WITH CONDITIONS OR DENY PERMITTEE'S REQUEST.
4. TURBIDITY BARRIERS SHALL BE PLACED WITHIN THE CANAL IF DIRECTED BY THE DISTRICT'S FIELD REPRESENTATIVE AT THE PRE-CONSTRUCTION MEETING. PERMITTEE SHALL REMOVE THE TURBIDITY BARRIERS IN COMPLIANCE WITH DIRECTION FROM THE DISTRICT WHEN OPERATION, MAINTENANCE OR EMERGENCY CONDITIONS REQUIRE SUCH REMOVAL.
5. THE DISTRICT'S FIELD REPRESENTATIVE SHALL HAVE SOLE AUTHORITY TO DETERMINE WHETHER PERMITTEE'S METHODS OF CONSTRUCTION, INTERIM WORK, CONSTRUCTION ACTIVITY OR USE OF THE RIGHT OF WAY IS IN CONFORMANCE WITH THE PERMIT AUTHORIZATION, INCLUDING TERMS AND CONDITIONS, THE APPLICATION, RESPONSES OR STATEMENTS MADE BY PERMITTEE DURING APPLICATION PROCESSING, AND SUPPORTING DOCUMENTS INCORPORATED INTO THE PERMIT FILE. IF THE DISTRICT'S FIELD REPRESENTATIVE DETERMINES THAT PERMITTEE'S ACTIVITIES ARE NOT IN CONFORMANCE, HE/SHE SHALL ISSUE A STOP WORK ORDER TO PERMITTEE UNTIL SUCH NONCONFORMANCE HAS BEEN RESOLVED TO THE SATISFACTION OF THE DISTRICT. IF PERMITTEE CHOOSES TO PROCEED WITH THE WORK AUTHORIZED BY THIS PERMIT, PERMITTEE ACKNOWLEDGES THIS CONDITION AND AGREES TO CEASE ALL ACTIVITY IN THE DISTRICT'S RIGHT OF WAY IMMEDIATELY UPON RECEIPT OF THE STOP WORK ORDER.
6. IF THE IMPROVEMENTS, WORK AND/OR USE AUTHORIZED BY THIS PERMIT (EITHER DURING CONSTRUCTION OR FOLLOWING COMPLETION) RESULT IN ANY DAMAGE TO THE DISTRICT'S RIGHT OF WAY (E.G., SHOALING, EROSION OR WASH-OUT OF ANY AREA IN THE RIGHT OF WAY), DISTRICT FACILITIES AND/OR ANY OTHER FACILITIES (AUTHORIZED OR UNAUTHORIZED), PERMITTEE SHALL BE SOLELY RESPONSIBLE FOR REPAIRING SUCH DAMAGE. IN ADVANCE OF PERFORMING ANY REPAIRS, PERMITTEE SHALL CONSULT WITH THE DISTRICT TO DETERMINE THE APPLICABLE DISTRICT PROCESSES AND REQUIREMENTS WHICH MAY INCLUDE, BUT ARE NOT LIMITED TO, FILING AN APPLICATION FOR A RIGHT OF WAY OCCUPANCY PERMIT TO SECURE AUTHORIZATION TO PERFORM SUCH WORK. PERMITTEE SHALL BE RESPONSIBLE FOR ALL COSTS AND LIABILITY RESULTING FROM SUCH DAMAGE.

7. IF STORM, HURRICANE OR EMERGENCY CIRCUMSTANCES DEVELOP, THE DISTRICT IS AUTHORIZED, AT ITS SOLE DISCRETION, TO TEMPORARILY OR PERMANENTLY SUSPEND OR TERMINATE THE AUTHORIZED USE. IN SUCH EVENT, THE DISTRICT WILL CONTACT PERMITTEE TO PROVIDE DIRECTION WHICH MAY INCLUDE, BUT IS NOT LIMITED TO, VACATING THE RIGHT OF WAY, REMOVING AND/OR SECURING EQUIPMENT AND/OR MATERIALS FROM THE RIGHT OF WAY, OR PERFORMING WORK TO ENSURE THAT THE RIGHT OF WAY IS SUFFICIENTLY RESTORED TO ACCOMMODATE DISTRICT OPERATIONS AND MAINTENANCE ACTIVITIES. PERMITTEE, INCLUDING ALL PERSONS, VENDORS, SUB-CONTRACTORS OR AGENTS OF PERMITTEE, SHALL BE REQUIRED TO COMPLY WITH DISTRICT DIRECTION. THE DISTRICT RESERVES THE RIGHT TO TERMINATE THE AUTHORIZED USE IF PERMITTEE FAILS TO MAKE SURE THAT ALL PARTIES COMPLY WITH THIS CONDITION.
8. PERMITTEE SHALL NOT STOCKPILE SOIL, MATERIALS OR DEBRIS IN THE RIGHT OF WAY. SUCH MATERIALS SHALL BE REMOVED FROM THE RIGHT OF WAY UNLESS OTHERWISE SET FORTH BY THE CONDITIONS OF THIS PERMIT. PERMITTEE SHALL EXERCISE BEST MANAGEMENT PRACTICES TO PREVENT EROSION OR SOILS FROM ENTERING THE CANAL DURING THE AUTHORIZED WORK, INCLUDING, BUT NOT LIMITED TO, THE TEMPORARY INSTALLATION OF SILT FENCE OR OTHER MEANS OF CONTAINMENT ACCEPTABLE TO THE DISTRICT.
9. THE DISTRICT'S REVIEW OF PERMITTEE'S PLANS IS LIMITED TO DETERMINING WHETHER THE PROPOSED WORK WILL IMPACT THE DISTRICT'S OPERATIONS AND MAINTENANCE OF ITS RIGHTS OF WAY OR FLOOD CONTROL SYSTEM. ISSUANCE OF THIS PERMIT BY THE DISTRICT SHALL NOT BE CONSTRUED BY PERMITTEE OR ANY OTHER PARTY AS APPROVAL BY THE DISTRICT OF THE DESIGN, ENGINEERING OR CONSTRUCTION OF THE PROPOSED IMPROVEMENTS. PERMITTEE SHALL BE SOLELY RESPONSIBLE FOR ENSURING THAT THE PROPOSED WORK IS DESIGNED, ENGINEERED AND CONSTRUCTED TO SERVE ITS INTENDED PURPOSE.
10. THE DISTRICT RESERVES THE RIGHT, AT ITS SOLE DISCRETION, TO REQUIRE AN INSPECTION REPORT FROM A PROFESSIONAL ENGINEER OR CONTRACTOR LICENSED IN THE STATE OF FLORIDA AT ANY TIME DURING WHICH THE AUTHORIZED WORK REMAINS IN THE RIGHT OF WAY TO VERIFY THAT THE AUTHORIZED WORK COMPLIES WITH INDUSTRY STANDARDS, PERFORMS THE FUNCTION FOR WHICH IT WAS DESIGNED AND IS SOUND AND POSES NO THREAT TO THE DISTRICT'S RIGHT OF WAY AND/OR OPERATION AND MAINTENANCE OF ITS FLOOD CONTROL SYSTEM. IF THE DISTRICT DETERMINES THAT REPAIR, REPLACEMENT OR REFURBISHMENT OF THE AUTHORIZED WORK IS REQUIRED, PERMITTEE SHALL IMMEDIATELY COMPLY WITH DISTRICT DIRECTION TO SECURE APPROVALS/PERMITS, AS MAY BE REQUIRED, AND TO PERFORM SUCH WORK WITHIN THE TIMEFRAME SET FORTH BY THE DISTRICT.
11. PERMITTEE SHALL BE SOLELY RESPONSIBLE FOR PERFORMING REGULAR AND ROUTINE INSPECTIONS OF THE IMPROVEMENTS AUTHORIZED BY THIS PERMIT AND CORRECTING ANY DEFICIENCIES IDENTIFIED BY SUCH INSPECTIONS TO ENSURE THAT THE IMPROVEMENTS CONTINUE TO COMPLY WITH THE PERMIT AND PERFORM, AS NEEDED, TO PROTECT PUBLIC HEALTH, SAFETY AND WELFARE.
12. PERMITTEE SHALL MAKE PROSPECTIVE BIDDERS AWARE OF THE TERMS AND CONDITIONS OF THIS PERMIT. PERMITTEE SHALL BE RESPONSIBLE FOR ALL ACTIONS OF ITS CONTRACTORS AND AGENTS AND TO ENSURE THAT PARTIES ACTING ON BEHALF OF PERMITTEE COMPLY WITH THE TERMS AND CONDITIONS OF THIS PERMIT.

13. PERMITTEE SHALL NEITHER CONSTRUCT, INSTALL OR PLACE ADDITIONAL IMPROVEMENTS WITHIN THE DISTRICT'S RIGHT OF WAY, NOR USE THE RIGHT OF WAY FOR ANY ACTIVITY (UNLESS EXPRESSLY AUTHORIZED BY THIS PERMIT) WITHOUT FIRST HAVING OBTAINED A MODIFICATION OF THIS PERMIT. OF PARTICULAR NOTE, THAT AREA MEASURING 40 FEET LANDWARD FROM THE TOP OF BANK SHALL REMAIN FREE AND CLEAR OF ANY OBSTRUCTIONS, IMPROVEMENTS OR USE, UNLESS OTHERWISE AUTHORIZED BY THIS PERMIT.
14. THIS PERMIT SHALL NOT BECOME VALID UNTIL ALL OTHER REQUIRED SOUTH FLORIDA WATER MANAGEMENT DISTRICT, LOCAL, COUNTY AND/OR STATE PERMITS OR OTHER AFFECTED PARTIES' APPROVALS HAVE BEEN OBTAINED. IF THERE IS A CONFLICT BETWEEN THE WORK AUTHORIZED BY THIS PERMIT AND A PERMIT OBTAINED FROM A DIFFERENT PUBLIC OR PRIVATE ENTITY, THE TERMS AND CONDITIONS OF THIS PERMIT SHALL PREVAIL AND HAVE SUPERIORITY.
15. A COPY OF THE PERMIT PACKAGE WILL BE KEPT AT THE JOB SITE UNTIL COMPLETION OF ALL PHASES OF CONSTRUCTION AND APPROVAL OF THE FINAL INSPECTION.
16. THE DISTRICT SHALL NOT BE LIABLE FOR ANY DAMAGE OR LOSS TO ANY IMPROVEMENTS AND/OR RELATED APPURTENANCES AUTHORIZED BY THIS PERMIT RESULTING FROM DISTRICT USE, OPERATION (E.G., GATE, PUMPING AND STRUCTURE OPERATIONS, WATER LEVEL MANAGEMENT, WATER FLOWS, FLUCTUATIONS AND OPERATIONS OF ITS STRUCTURES), ACTIVITY AND/OR MAINTENANCE OF OR IN ITS RIGHTS OF WAY OR OTHER WORKS OF THE DISTRICT.
17. THE DISTRICT RESERVES THE RIGHT TO REQUIRE PERMITTEE TO SUBMIT CERTIFIED AS-BUILT DRAWINGS PREPARED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF FLORIDA WHEN, IN THE SOLE OPINION OF THE DISTRICT, THERE IS REASON FOR THE DISTRICT TO POSSESS VERIFICATION THAT THE AUTHORIZED WORK WAS NOT PERFORMED AND/OR INSTALLED IN COMPLIANCE WITH THE CONDITIONS OF THIS PERMIT. IF THE DISTRICT MAKES SUCH A REQUEST, NO FINAL INSPECTION APPROVAL OF THE AUTHORIZED WORK SHALL BE ISSUED UNTIL PERMITTEE PROVIDES THE CERTIFIED AS-BUILT DRAWINGS. FAILURE TO COMPLY WITH A DISTRICT REQUEST FOR CERTIFIED AS-BUILT DRAWINGS SHALL CONSTITUTE A VIOLATION OF THIS PERMIT.

40E-6.381. Limiting Conditions

The District's authorization to utilize lands and other works constitutes a revocable license (including both notice general permits and standard permits). In consideration for receipt of that license, Permittees shall agree to be bound by the following standard limiting conditions, which shall be included within all permits issued pursuant to this chapter:

1. All structures on District works for lands constructed by Permittee shall remain the property of Permittee, who shall be solely responsible for ensuring that such structures and other uses remain in good and safe condition. Permittees are advised that other federal, state and local safety standards may govern the occupancy and use of the District's lands and works. The District assumes no duty with regard to ensuring that such uses are so maintained and assumes no liability with regard to injuries caused to others by any such failure.

2. Permittee solely acknowledges and accepts the duty and all associated responsibilities to incorporate safety features, which meet applicable engineering practice and accepted industry standards, into the design, construction, operation and continued maintenance of the permitted facilities/authorized use. This duty shall include, but not be limited to, Permittee's consideration of the District's regulation and potential fluctuation, without notice, of water levels in canals and works, as well as the Permittee's consideration of upgrades and modifications to the permitted facilities/authorized use which may be necessary to meet any future changes to applicable engineering practice and accepted industry standards. Permittee acknowledges that the District's review and issuance of this permit, including, but not limited to, any field inspections performed by the District, does not in any way consider or ensure that the permitted facilities/authorized use is planned, designed, engineered, constructed, or will be operated, maintained or modified so as to meet applicable engineering practice and accepted industry standards, or otherwise provide any safety protections. Permittee further acknowledges that any inquiries, discussions, or representations, whether verbal or written, by or with any District staff or representative during the permit review and issuance process, including, but not limited to, any field inspections, shall not in any way be relied upon by Permittee as the District's assumption of any duty to incorporate safety features, as set forth above, and shall also not be relied upon by Permittee in order to meet Permittee's duty to incorporate safety features, as set forth above.

3. Permittee agrees to abide by all of the terms and conditions of this permit, including any representations made on the permit application and related documents. This permit shall be subject to the requirements of Chapter 373, F.S., and Chapter 40E-6, F.A.C., including all subsequent rule and criteria revisions. Permittee agrees to pay all removal and restoration costs, investigative costs, court costs and reasonable attorney's fees, including appeals, resulting from any action taken by the District to obtain compliance with the conditions of the permit or removal of the permitted use. If District legal action is taken by staff counsel, "reasonable attorney's fees" is understood to mean the fair market value of the services provided, based upon what a private attorney would charge.

4. This permit does not create any vested rights, and except for governmental entities and utilities, is revocable at will upon reasonable prior written notice. Permittee bears all risk of loss as to monies expended in furtherance of the permitted use. Upon revocation, the Permittee shall promptly modify, relocate or remove the permitted use and properly restore the right of way to the District's satisfaction. In the event of failure to so comply within the specified time, the District may remove the permitted use and Permittee shall be responsible for all removal and restoration costs.

5. This permit does not convey any property rights nor any rights or privileges other than those specified herein and this permit shall not, in any way, be construed as an abandonment or any other such impairment or disposition of the District's property rights. The District approves the permitted use only to the extent of its interest in the works of the District. Permittee shall obtain all other necessary federal, state, local, special district and private authorizations prior to the start of any construction or alteration authorized by the permit. Permittee shall comply with any more stringent conditions or provisions which may be set forth in other

required permits or other authorizations. The District, however, assumes no duty to ensure that any such authorizations have been obtained or to protect the legal rights of the underlying fee owner, in those instances where the District owns less than fee.

6. Unless specifically prohibited or limited by statute, Permittee agrees to indemnify, defend and save the District (which used herein includes the District and its past, present and/or future employees, agents, representatives, officers and/or Governing Board members and any of their successors and assigns) from and against any and all lawsuits, actions, claims, demands, losses, expenses, costs, attorneys fees (including but not limited to the fair market value of the District's in-house attorneys' fees based upon private attorneys' fees/rates), judgments and liabilities which arise from or may be related to the ownership, construction, maintenance or operation of the permitted use or the possession, utilization, maintenance, occupancy or ingress and egress of the District's right of way which arise directly or indirectly and are caused in whole or in part by the acts, omissions or negligence of the Permittee or of third parties. Permittee agrees to provide legal counsel acceptable to the District if requested for the defense of any such claims.

7. The District does not waive sovereign immunity in any respect.

8. The Permittee shall not engage in any activity regarding the permitted use which interferes with the construction, alteration, maintenance or operation of the works of the District, including:

- (a) discharge of debris or aquatic weeds into the works of the District;
- (b) causing erosion or shoaling within the works of the District;
- (c) planting trees or shrubs or erecting structures which limit or prohibit access by District equipment and vehicles, except as may be authorized by the permit. Permittee shall be responsible for any costs incurred by the District resulting from any such interference, as set forth in (a), (b), and (c), above.
- (d) leaving construction or other debris on the District's right of way or waterway;
- (e) damaging District berms and levees;
- (f) the removal of District owned spoil material;
- (g) removal of or damage to District locks, gates, and fencing;
- (h) opening of District rights of way to unauthorized vehicular access; or
- (i) running or allowing livestock on the District's right of way.

9. The District is not responsible for any personal injury or property damage which may directly or indirectly result from the use of water from the District's canal or any activities which may include use or contact with water from the District's canal, since the District periodically sprays its canals for aquatic weed control purposes and uses substances which may be harmful to human health or plant life.

10. Permittee shall allow the District to inspect the permitted use at any reasonable time.

11. Permittee shall allow, without charge or any interference, the District, its employees, agents, and contractors, to utilize the permitted facilities before, during and after construction for the purpose of conducting the District's, routine and emergency, canal operation, maintenance, and construction activities. To the extent there is any conflicting use, the District's use shall have priority over the Permittee's use.

12. This permit is a non-exclusive revocable license. Permittee shall not interfere with any other existing or future permitted uses or facilities authorized by the District.

13. The District has the right to change, regulate, limit, schedule, or suspend discharges into, or withdrawals from, works of the District in accordance with criteria established by the Big Cypress Basin, the District, or the U.S. Army Corps of Engineers for the works of the District.

14. If the use involves the construction of facilities for a non exempt water withdrawal or surface water discharge, the applicant must apply for and obtain a water use or surface water management permit before or concurrently with any activities which may be conducted pursuant to the right of way occupancy permit.

15. The District shall notify the local ad valorem taxing authority of the lands affected by the permitted use,

where the Permittee owns the underlying fee and derives a substantial benefit from the permitted use. The taxing authority may reinstate such lands on the tax roll. Failure to pay all taxes in a timely manner shall result in permit revocation. Such permit revocation shall not alleviate the responsibility of the Permittee to pay all taxes due and payable.

16. Permittee shall provide prior written notice to their successors in title of the permit and its terms and conditions.

17. Permittee authorizes the District to record a Notice of Permit through filing the appropriate notice in the public records of the county or counties where the project is. Governmental entities and utilities are not subject to this provision.

18. Permittee shall be responsible for the repair or replacement of any existing facilities located within the District's right of way which are damaged as a result of the installation or maintenance of the authorized facility.

19. All obligations under the terms of this permit authorization and any subsequent modifications hereto shall be joint and several as to all owners.

20. It is the responsibility of the Permittee to make prospective bidders aware of the terms and conditions of this permit. It shall be the responsibility of the Permittee's contractors to understand the terms and conditions of this permit and govern themselves accordingly.

21. It is the responsibility of the Permittee to bring to the attention of the District any conflict in the permit authorization or permit conditions in order that they may be resolved prior to the start of construction. In resolving such conflicts the District's determination will be final.

22. Special Conditions that are site specific shall be incorporated into every Permit as may be necessary in the best interest of the District.

23. The District is not responsible for the repair of or claims of damage to any facilities and uses which may incur damage resulting from the District's utilization of its rights of way or use by third parties. Improvements placed within the right of way are done so at the sole risk of the owner.

Rulemaking Authority 373.044, 373.113 FS. Law Implemented 373.085(1), 373.086, 373.103, 373.109, 373.129, 373.1395, 373.603, 373.609, 373.613 FS. History--New 9-3-81, Formerly 16K-5.01(2), 16K-5.02(2), 16K-5.03(2), 16K-5.04(4), 16K-5.05, Amended 5-30-82, 12-29-86, 12-24-91, 9-15-99, 8-12-13.

Exhibits

The following exhibits to this permit are incorporated by reference. The exhibits can be viewed by clicking on the links below

[LRMP Design Plans_04-29-22_S&S.pdf](#)

Attachment F

US Army Corps of Engineers Permit



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

May 24, 2022

Regulatory Division
South Branch
Miami/Antilles Section
SAJ-2020-01459 (NW-AG)

City of Miami
c/o Arthur Noriega
444 SW 2nd Street
Miami, FL 33130

Dear Mr. Noriega:

The U.S. Army Corps of Engineers (Corps) has completed the review of your request for reverification for a Department of the Army permit received on 9 March 2022. Your application was assigned file number SAJ-2020-01459. A review of the information and drawings provided indicates that the proposed work is to conduct shoreline improvements, repairs and renovations to the existing municipal park.

The project includes the following components:

1. Installation of 77 linear feet of concrete seawall with an associated 3 foot wide concrete cap and 11 concrete piles installed landward of the existing seawall.
2. Installation of a 42 foot long by 8 foot wide (336 sq. ft.) kayak ramp. Approximately 0.94 cubic yards of fill are proposed below MHW for the grading of the proposed kayak ramp.
3. Placement of approximately 32 cubic yards (528 square feet) of riprap along 60 linear feet of the existing shoreline and the proposed seawall.
4. Replacement of an existing 25 inch diameter outfall with a new 48 inch diameter outfall. The new outfall will be installed on the proposed seawall and will have a manatee barrier installed on the waterward side.

All work is anticipated to be conducted from the uplands and temporary turbidity curtains will be used during the construction phase.

MDC051

The activities subject to this permit are authorized pursuant to authorities under Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. § 403), **and** Section 404 of the Clean Water Act (33 U.S.C. § 1344). The project would affect waters of the United States associated with Little River. The project site is located at NE 10th Avenue and NE Little River Drive in Section 20, Township 53 South, Range 42 East, Miami, Florida 33138.

Your project, as depicted on the enclosed drawings, is authorized by Nationwide Permit (NWP) 3 (Maintenance), 13 (Bank Stabilization), 7 (Outfall Structures), 36 (Boat Ramps). **This verification is valid until March 14, 2026.** Furthermore, if you commence or are under contract to commence this activity before the date that the relevant NWP is modified or revoked, you will have 12 months from the date of the modification or revocation of the NWP to complete the activity under the present terms and conditions of this NWP. In order for this NWP authorization to be valid, you must ensure that the work is performed in accordance with the NWP General Conditions and the Jacksonville District Regional Conditions, and the General and Project-Specific Special Conditions listed below. Alternatively, you can access the U.S. Army Corps of Engineers' (Corps) Jacksonville District's Regulatory Source Book web page for links to view NWP information at: <https://www.saj.usace.army.mil/Missions/Regulatory/Source-Book/>. Please be aware this Internet address is case sensitive and should be entered as it appears above. Once there select "Source Book" and then select "Nationwide Permits." These files contain the description of the NWP authorization, the NWP general conditions, and the regional conditions, which apply specifically to this NWP verification.

You must comply with all of the special and general conditions for NWP-#, including any project-specific conditions included in this letter and all conditions incorporated by reference as described above.

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 on the transfer form attached to this letter and forward a copy 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.

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.

Project Specific Special Conditions:

The following project specific special conditions are included with this verification:

1. **REPORTING ADDRESS:** The Permittee shall submit all reports, notifications, documentation and correspondence required by the general and special conditions of this permit to the following address:
 - a. For standard mail: U.S. Army Corps of Engineers, Regulatory Division, Special Projects and Enforcement Branch, 9900 SW 107th Ave., Suite 203, Miami, FL 33176-2785.
 - b. For electronic mail SAJ-RD-Enforcement@usace.army.mil (not to exceed 10 MB). The Permittee shall reference this permit number, SAJ-2020-1549 (NW-AG)
2. **COMMENCEMENT NOTIFICATION:** Within 10 days from the date of initiating the work authorized by this permit. The Permittee shall provide a written notification of the date of commencement of authorized work to the Corps.
3. **SELF-CERTIFICATION:** Within 60 days of completion of the work authorized by this permit, the Permittee shall complete the attached "Self-Certification Statement of Compliance" form and submit it to the Corps. In the event that the completed work deviates in any manner from the authorized work, the Permittee shall describe the deviations between the work authorized by this permit and the work as constructed on the "Self-Certification Statement of Compliance" form. The description of any deviations on the "Self-Certification Statement of Compliance" form does not constitute approval of any deviations by the Corps.
4. **POSTING OF PERMIT:** The Permittee shall ensure that all contractors, sub-contractors, and entities associated with the implementation of the project review, understand, and comply with the approved plans and special conditions made part of this permit. The Permittee shall inform all parties associated with the activity of the construction area boundaries, and the location of adjacent *wetland shoreline, sea grass, corals, hardbottom* to be avoided. Complete copies of the

permit and approved plans shall be available at the construction site at all times. Failure to comply with the approved plans and permit special conditions may subject the Permittee to enforcement action.

5. **AGENCY CHANGES/APPROVALS:** Should any other agency require and/or approve changes to the work authorized or obligated by this permit, the Permittee is advised a modification to this permit instrument is required prior to initiation of those changes. It is the Permittee's responsibility to request a modification of this permit from the **Miami** Permits Section. The Corps reserves the right to fully evaluate, amend, and approve or deny the request for modification of this permit.
6. **MANATEE CONDITION:** The Permittee shall comply with the "Standard Manatee Conditions for In-Water Work – 2011," attached to this permit.
7. **TURBIDITY BARRIERS:** Prior to the initiation of any of the work authorized by this permit the Permittee shall install floating turbidity barriers with weighted skirts that extend to within one foot of the bottom around all work areas that are in, or adjacent to, surface waters. The turbidity barriers shall remain in place and be maintained until the authorized work has been completed and all erodible materials have been stabilized.
8. **ASSURANCE OF NAVIGATION AND MAINTENANCE:** The Permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structures or work herein authorized, or if in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the Permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.
9. **BEST MANAGEMENT PRACTICES:** Environmental controls and best management practices must be implemented to properly contain construction materials and prevent fugitive particulates from entering surrounding waters during the construction of the project.
10. **Historic Properties:**
 - a. No structure or work shall adversely affect impact or disturb properties listed in the National Register of Historic Places (NRHP) or those eligible for inclusion in the NRHP.
 - b. If during the ground disturbing activities and construction work within the permit area, there are archaeological/cultural materials encountered which were not the subject of a previous cultural resources assessment survey (and which

shall include, but not be limited to: pottery, modified shell, flora, fauna, human remains, ceramics, stone tools or metal implements, dugout canoes, evidence of structures or any other physical remains that could be associated with Native American cultures or early colonial or American settlement), the Permittee shall immediately stop all work and ground-disturbing activities within a 100-meter diameter of the discovery and notify the Corps within the same business day (8 hours). The Corps shall then notify the Florida State Historic Preservation Officer (SHPO) and the appropriate Tribal Historic Preservation Officer(s) (THPO(s)) to assess the significance of the discovery and devise appropriate actions.

c. Additional cultural resources assessments may be required of the permit area in the case of unanticipated discoveries as referenced in accordance with the above Special Condition ; and if deemed necessary by the SHPO, THPO(s), or Corps, in accordance with 36 CFR 800 or 33 CFR 325, Appendix C (5). Based, on the circumstances of the discovery, equity to all parties, and considerations of the public interest, the Corps may modify, suspend or revoke the permit in accordance with 33 CFR Part 325.7. Such activity shall not resume on non-federal lands without written authorization from the SHPO for finds under his or her jurisdiction, and from the Corps.

d. In the unlikely event that unmarked human remains are identified on non-federal lands, they will be treated in accordance with Section 872.05 Florida Statutes. All work and ground disturbing activities within a 100-meter diameter of the unmarked human remains shall immediately cease and the Permittee shall immediately notify the medical examiner, Corps, and State Archeologist within the same business day (8-hours). The Corps shall then notify the appropriate SHPO and THPO(s). Based, on the circumstances of the discovery, equity to all parties, and considerations of the public interest, the Corps may modify, suspend or revoke the permit in accordance with 33 CFR Part 325.7. Such activity shall not resume without written authorization from the State Archeologist and from the Corps.

11. **JAXBO:** Jacksonville District Programmatic Biological Opinion (JAXBO), 2017, Project Design Criteria (PDCs): Structures authorized under this permit must comply with all applicable PDCs, based on the permitted activity, as required by JAXBO. Please note that failure to comply with the applicable PDCs, where a take of listed species occurs, would constitute an unauthorized take, and noncompliance with this permit. The NMFS is the appropriate authority to enforce the terms and conditions of JAXBO. The most current version of JAXBO can be accessed at the Jacksonville District Regulatory Division internet webpage in the Endangered Species section of the Sourcebook located at: <http://www.saj.usace.army.mil/Missions/Regulatory/SourceBook.aspx>

Note - JAXBO may be subject to revision at any time. The most recent version of these conditions must be utilized during the design and construction of the permitted work. In accordance with the Endangered Species Act, and for those

projects which do not comply with JAXBO, the Corps will seek individual consultation with the NMFS.

Note - some authorized activities may deviate from the PDCs. In cases, where the activity (i.e., structure dimensions, length, etc.) deviates from the PDCs, the permit drawings shall supersede the PDCs.

For each of the following authorized activities subject of this permit, the permittee shall adhere to the following PDCs, which are attached to, and made part of, this authorization/verification letter:

Activity 1 - Shoreline Stabilization: (AP.1-14; A1.1-12; S.1; S.2; S.4)

Activity 4 -Water Management Outfall Structures and Endwalls: (AP.1-14; A4.1-7; S.1; S.4)

Activity 36 - Boat Ramps: (AP.1-14; A6.1-11; S.1; S.4)

12. **Clean fill:** The Permittee shall use only clean fill material for this project. The fill material shall be free from items such as trash, debris, automotive parts, asphalt, construction materials, concrete block with exposed reinforcement bars, and soils contaminated with any toxic substance, in toxic amounts in accordance with Section 307 of the Clean Water Act.
13. **Erosion Control:** Prior to the initiation of any work authorized by this permit, the Permittee shall install erosion control measures along the perimeter of all work areas to prevent the displacement of fill material outside the work area into waters of the United States. Immediately after completion of the final grading of the land surface, all slopes, land surfaces, and filled areas shall be stabilized using sod, degradable mats, barriers, or a combination of similar stabilizing materials to prevent erosion. The erosion control measures shall remain in place and be maintained until all authorized work is completed and the work areas are stabilized.
14. **PROTECTED SPECIES CONSTRUCTION CONDITIONS:** The Permittee agrees to abide by the enclosed standard construction conditions designed to protect species under the jurisdiction of NOAA Fisheries Southeast Regional Office (SERO) Protected Resources Division (PRD).

This authorization does not obviate the necessity to obtain any other Federal, State, or local permits, which may be required. Prior to the initiation of any construction, projects qualifying for this NWP/RGP permit must qualify for an exemption under section 403.813(1), F.S. or 373.406, F.S., or otherwise be authorized by the applicable permit required under Part IV of Chapter 373, F.S., by the Department of Environmental Protection, a water management district under section 373.069, F.S., or a local government with delegated authority under section 373.441, F.S., and receive Water Quality Certification (WQC) and applicable Coastal Zone Consistency Concurrence (CZCC) or waiver thereto, as well as any authorizations required for the use of state-

owned submerged lands under Chapter 253, F.S., and, as applicable, Chapter 258, F.S. You should check State-permitting requirements with the Florida Department of Environmental Protection or the appropriate water management district.

This letter of authorization does not give absolute Federal authority to perform the work as specified on your application. The proposed work may be subject to local building restrictions mandated by the National Flood Insurance Program. You should contact your local office that issues building permits to determine if your site is located in a flood-prone area, and if you must comply with the local building requirements mandated by the National Flood Insurance Program.

This letter of authorization does not preclude the necessity to obtain any other Federal, State, or local permits, which may be required.

Thank you for your cooperation with our permit program. The Corps' Jacksonville District Regulatory Division is committed to improving service to our customers. We strive to perform our duty in a friendly and timely manner while working to preserve our environment. We invite you to complete our automated Customer Service Survey at <https://regulatory.ops.usace.army.mil/customer-service-survey/>. Please be aware this Internet address is case sensitive and you will need to enter it exactly as it appears above. Your input is appreciated – favorable or otherwise.

Should you have any questions related to this NWP verification or have issues accessing the documents reference in this letter, please contact Albert Gonzalez at the letterhead address above, via telephone at 305-779-6055, or via e-mail at albert.gonzalez@usace.army.mil.

Sincerely,

Albert Gonzalez
Project Manager

Enclosures:

General Conditions
Manatee Construction Conditions
NMFS Protected Species Conditions
Self-Certification Statement of Compliance
Permit transfer form
Site plans date-stamped by the Corps on 23 May 2022
PDC's for in-water work
PDC's for Activity 1, 4, 6

cc:

Sara Gutekunst, T.Y. Lin International, Inc.

MDC057



MEMORANDUM
(Revised)

TO: Honorable Chairman Jose "Pepe" Diaz
and Members, Board of County Commissioners

DATE: November 1, 2022

FROM: 
Gen Bonzon-Keenan
County Attorney

SUBJECT: Agenda Item No. 5(J)

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(J)
11-1-22

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 THE INSTALLATION OF A NON-MOTORIZED KAYAK, CANOE, AND PADDLEBOARD RAMP AND THE INSTALLATION OF A SEAWALL AND RIPRAP AT LITTLE RIVER POCKET 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 the installation of a non-motorized kayak, canoe, and paddleboard ramp and the installation of a seawall and riprap on Little River at the Little River Pocket Park in the City of Miami, 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:

Jose "Pepe" Diaz, Chairman	
Oliver G. Gilbert, III, Vice-Chairman	
Sen. René García	Keon Hardemon
Sally A. Heyman	Danielle Cohen Higgins
Eileen Higgins	Kionne L. McGhee
Jean Monestime	Raquel A. Regalado
Rebeca Sosa	Sen. Javier D. Souto

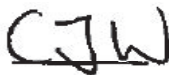
The Chairperson thereupon declared this resolution duly passed and adopted this 1st day of November, 2022. This resolution shall become effective upon the earlier of (1) 10 days after the date of its adoption unless vetoed by the County Mayor, and if vetoed, shall become effective only upon an override 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.



Christopher J. Wahl
Abbie Schwaderer-Raurell