

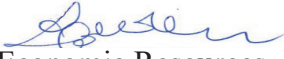
Memorandum



Date: July 20, 2021

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

Agenda Item No. 5(Q)

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

Resolution No. R-702-21

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 2900 South Bayshore Drive, Miami, Florida, in Commission District 7, which is represented by Commissioner Raquel Regalado.

Delegation of Authority

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

Fiscal Impact/Funding Source

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

Track Record/Monitor

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

Background

The subject Class I permit application requests authorization for the redevelopment of the existing boat ramp facility, to include the filling of tidal waters, at Myers Park located at 2900 South Bayshore Drive, Miami. The proposed scope of work also includes the installation of a seawall, seawall cap, riprap, replacement of three fixed piers associated with the ramp, and the installation of a floating dock. To be approved, this application must be reviewed and decided by the Board after a public hearing because the filling associated with the boat ramp improvements 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 owned park is located along Biscayne Bay and contains a boat ramp facility that is in disrepair. In order to make the facility functional and safe for patrons, the City is proposing to replace the boat ramp within the existing footprint through the filling of 7,635 square feet of tidal waters. A sheet pile footer and riprap would then be installed around the perimeter to stabilize the new ramp.

According to Section 24-48.3(2) of the Code, dredging and filling work proposed in a Class I permit application shall comply with at least one of the criteria listed in that section of the Code. The existing ramp has degraded, resulting in an uneven surface that is not functional or safe for use by patrons. The proposed filling is the minimum amount necessary to maintain the ramp, specifically to adequately and safely facilitate the launching and retrieval of vessels and therefore complies with the criteria listed in Section 24-48.3(2)(c) of the Code because it is the minimum amount necessary for the creation and maintenance of marinas, piers, docks and attendant navigational channels.

In addition to the above filling, the City is also proposing to stabilize the shoreline within the project area through the installation of a sheet pile seawall, seawall cap, and riprap to the east of the ramp and the placement of additional riprap along the existing riprap shoreline to the west of the ramp. Furthermore, to facilitate the loading and unloading of vessels launched at the facility, the City is also proposing to replace three existing fixed piers in the previously permitted footprint and install a new floating dock to the west of the ramp. The above-mentioned work is identified by the Code as work that can be processed administratively and is only coming before the Board because it is included in the subject application with the aforementioned dredging and filling work.

Based on the reasons herein and in the Project Report, DERM recommends approval of the filling of tidal waters in association with the installation of a boat ramp, and the installation of the seawall, seawall cap, riprap, fixed piers, and floating dock.

The proposed project has been evaluated for consistency with the Miami-Dade County Manatee Protection Plan. The project is located within an area designated as essential habitat for the Florida manatee and the Manatee Protection Plan recommends the site be utilized for commercial marinas, dry storage, boat ramps, transitory docks, or boatyards. The proposed boat ramp renovations are consistent with the historic use of the facility and with the marine facility siting recommendations of the Manatee Protection Plan. Furthermore, the Class I permit would require that all standard construction permit conditions regarding manatee protection be followed during all in-water operations.

Pursuant to Section 24-48.4 of the Code, potential adverse environmental impacts and cumulative adverse environmental impacts for a proposed project must be avoided and minimized. Section 24-48.4 of the Code also requires mitigation for permissible projects that otherwise result in unavoidable environmental impacts. As the proposed ramp and associated piers would be installed in the same footprint as the existing ramp and piers, no adverse environmental impacts are reasonably anticipated to occur as a result of the proposed project. Furthermore, no federally or State-designated threatened or endangered species of seagrasses or corals were documented within the footprint of the proposed work and the submerged bottom does not provide significant habitat. In addition, the proposed shoreline stabilization will not result in adverse impacts to resources. The proposed work is not reasonably expected to result in cumulative environmental impacts to water quality; however, the construction phase of the proposed project may result in temporary water quality impacts. In order to minimize the temporary impacts to water quality as a result of the construction activities associated

with the proposed work, the Class I permit would require that turbidity controls be utilized during all phases of construction to ensure compliance with State and County water quality standards. Mitigation for minor temporary impacts to water quality associated with the filling of tidal waters and seawall installation would be satisfied through the placement of riprap within the project area to provide shoreline stabilization and create habitat. Any portion of the required mitigation that cannot be accommodated on-site 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, Engineer Letter and Project Sketches
- Attachment C: Names and Addresses of Owners of All Riparian or Wetland Property within Three Hundred (300) Feet of the proposed Work.
- Attachment D: DERM Project Report

Attachment A

Class I Permit Application



Class I Permit Application

FOR DEPARTMENTAL USE ONLY

Date Received:

Application Number:

Application Fee:

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

1. Applicant Information: City of Miami Name: c/o OCI, Hector Badia, Interim Director Address: 444 SW 2nd Ave., Miami, FL Zip Code: 33133 Phone #: (305) 416-1236 Fax#: Email: hbadia@miamigov.com; omisas@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: Taylor Scheuermann Address: 464 South Dixie Highway Coral Gables, FL Zip Code: 33146 Phone #: (305) 669-6230 Fax #: (305) 661-1914 Email: tscheuermann@coastalsystemsint.com
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3. Location where proposed activity exists or will occur (latitude and longitude are only necessary for properties without address or folio #):
Folio #(s): 01-4121-000-0150 Latitude: 25°43'38.52" Longitude: -80°14'16.22"
Street Address: 2900 South Bayshore Drive Section: 21 Township: 54 Range: 41
In City or Town: Miami, FL Near City or Town: Coral Gables
Name of waterway at location of the activity: Biscayne Bay

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

- | | | | | |
|---|--|--|--------------------------------------|--|
| ☒ Seawall | ☒ Dock(s) | ☐ Boatlift | ☐ Dredging | ☐ Mangrove Trimming |
| ☒ New/Replacement Seawall | ☐ Pier(s) | ☐ Mooring Piles | ☐ Maintenance | ☐ Mangrove Removal |
| ☒ Seawall Cap | ☐ Viewing Platform | ☐ Fender Piles | ☐ New | |
| ☐ Batter Piles | ☐ Davits | ☐ Filling | | |
| ☐ King Piles | | | | |
| ☐ Footer/Toe Wall | | | | |
| ☒ Riprap | 6 concrete ramps (63 foot by 17 foot), 5 for boats and 1 for jetskis, 369 square foot floating dock, approximately 438 feet of seawall along the, 173 feet (1,711 square feet) of rip rap in to stabilize the shoreline. | | | |

Estimated project cost = \$1.8 million

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): Dinghies
Vessel Make/Model (If known): Various
Draft (s)(range in inches.): Various Length (s)(range in feet.): Various
Total Number of Slips: N/A

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

Issuing Agency	Type of Approval	Identification Number	Application Date	Approval Date
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8. Contractor Information (If known): TBD

Name: _____ 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 _____ Municipality _____ 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.*****

Signature of Authorized Representative _____ Arthur Noriega _____ City Manager _____ 2/11/11
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/IncorporationPrint 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 2900 S Bayshore Dr & adjacent submerged lands (Deed #19448) Miami-Dade County, Florida, otherwise identified in the public records of Miami-Dade County as Folio No. 01-4121-000-0150.

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

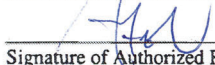
(Examples: Corporation, Partnership, Joint Venture, Trust, LLC, LLP, etc.)

City of Miami _____ Municipality _____ Florida _____

Print Name of Owner (Enter the complete name as registered) _____ Type (Corp, LLC, LLP, etc.) _____ State of Registration/Incorporation _____
444 SW 2nd Ave., Miami, Florida 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, Engineer Letter and Project Sketches

PERMIT APPLICANT / AUTHORIZED AGENT STATEMENT

Date: September 16, 2020

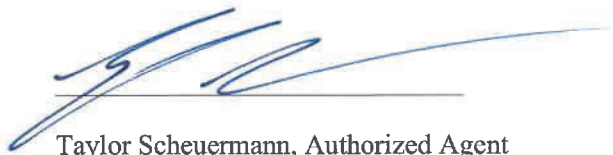
Miami Dade County Department of Regulatory and Economic Resources
Class I Permitting Program
701 NW 1st Court
Miami, FL 33136

Re: Class I Standard Form Permit Application Number CLI-2019-0460

By the attached Class I Standard Form permit application with supporting documents, I, Taylor Scheuermann, am the authorized agent and hereby request permission to perform the work associated with Class I Permit Application CLI-2019-0460. 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,



Taylor Scheuermann, Authorized Agent

ENGINEER LETTER OF CERTIFICATION

Date: September 16, 2020

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

RE: Class I Permit Application Number CLI-2019-0460

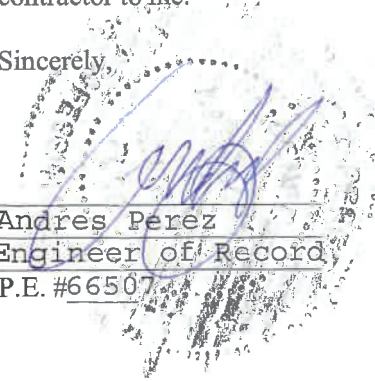
Ladies and Gentlemen:

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

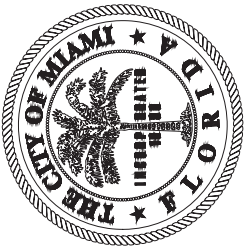
- a. Harmful obstruction or undesirable alteration of the natural flow of the water within the area of the proposed work.
- b. Harmful or increased erosion, shoaling of channels or stagnant areas of water. (Not applicable to class IV permits)
- c. Material injury to adjacent property.
- d. Adverse environmental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

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

Sincerely,



Andrés Pérez
Engineer of Record
P.E. #66507



Mayor
Francis Suarez

Commissioner:

Chairman - D5 Commissioner
Keon Hardemon

Vice Chairman - D2 Commissioner
Ken Russell

D1 Commissioner

Alex Diaz de la Portilla

D3 Commissioner

Joe Carollo

D4 Commissioner

Manolo Reyes

City Manager
Arthur Noriega



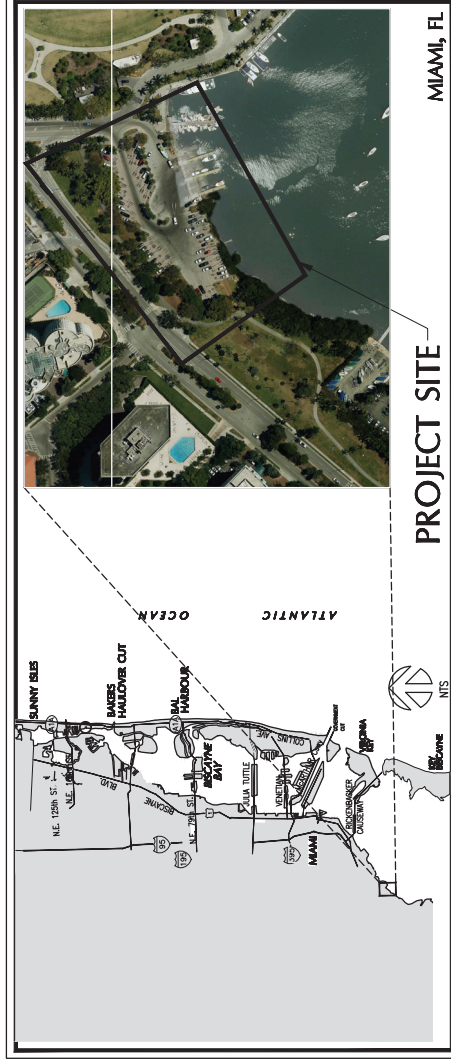
CITY OF MIAMI

OFFICE OF CAPITAL IMPROVEMENTS

MYERS PARK IMPROVEMENTS

MIAMI, FL 33133

PERMIT SET



PROJECT SITE

MIAMI, FL

COASTAL SYSTEMS INTERNATIONAL
404 South Blue Highway, 33146
Coral Gables, Florida
Tel: 305-661-3655
Fax: 305-661-1914
www.coastalsystems.com
State of Florida EB #7987
Coastal, Environmental,
Civil Engineering and Management

Sheet Number	Sheet Title
G-1	COVER SHEET
G-2	GENERAL NOTES
G-3	EXISTING CONDITIONS
D-1	DEMOLITION PLAN
D-2	DEMOLITION DETAILS
S-1	PROPOSED SITE PLAN
S-2	PROPOSED BOAT RAMP PLAN
S-3	PROPOSED BOAT RAMP SECTION AND DETAILS
S-4	PROPOSED SEAWALL SECTION AND DETAILS
S-5	PROPOSED OUTFALL SECTION AND DETAILS
S-6	PROPOSED OUTFALL DETAILS
S-7	PROPOSED SHORELINE RETENTION AND FLOATING DOCK
S-8	PROPOSED FLOATING DOCK DETAILS
SWPPP-1	STORMWATER POLLUTION PREVENTION NOTES
SWPPP-2	STORMWATER POLLUTION PREVENTION NOTES 2
SWPPP-3	STORMWATER POLLUTION PREVENTION PLAN
SWPPP-4	STORMWATER POLLUTION PREVENTION DETAILS
SWPPP-5	STORMWATER POLLUTION PREVENTION DETAILS 2

PROJECT: MYERS PARK IMPROVEMENTS

No.	REVISIONS - SUBMITTALS	DATE
1	PERMIT SET	05/22/20
2	DERM COMMENTS	09/04/20
3	DERM COMMENTS	10/05/20
4	DERM COMMENTS	11/09/20

SEAL

No. 00607
STATE OF FLORIDA

SHEET No. C-1 PAGE No. 1 OF 18



GENERAL NOTES

- THE WORK CONSISTS OF FURNISHING ALL CONSTRUCTION, LABOR, EQUIPMENT AND MATERIALS AND PERFORMING ALL CONSTRUCTION WITH MARINE CONSTRUCTION AS SHOWN ON THESE DRAWINGS AND SPECIFIED IN THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL ABIDE BY ALL NOTES AND CONDITIONS INDICATED ON THE CONSTRUCTION PLANS AND PERMITS. IF THE CONTRACTOR VIOLATES ANY CONDITION OF THE PERMIT AND WORK IS STOPPED BY A PUBLIC ENTITY, THEN ANY FINANCIAL COSTS INCURRED BY THE CONTRACTOR SHALL BE PAID BY THE CONTRACTOR AND NOT CHARGED TO THE OWNER.
- UNDERGROUND AND SUBSEQUENT IMPROVEMENTS AND/OR UTILITIES WERE NOT LOCATED AS PART OF THIS SURVEY AND SHOULD BE FIELD VERIFIED PRIOR TO ANY MARINE CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL LOCAL PERMITS NECESSARY FOR THIS WORK. A PRECONSTRUCTION MEETING WILL BE HELD ON SITE TO VERIFY DETAILS AND METHODS OF CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH OTHER UPLAND CONTRACTORS ON SITE.
- OWNER IS RESPONSIBLE FOR OBTAINING ENVIRONMENTAL PERMITS FOR THE PROJECT. A COPY WILL BE PROVIDED TO THE CONTRACTOR, AND THE CONTRACTOR SHALL ABIDE BY ALL REGULATIONS AND PERMIT CONDITIONS.
- ANY DISCREPANCIES IN THE PLANS WITH FIELD CONDITIONS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER. CONSTRUCTION SHALL NOT CONTINUE UNTIL THE ENGINEER HAS ADDRESSED THE DISCREPANCIES.
- CONTRACTOR SHALL COORDINATE WITH OWNER FOR UPLAND STAGING AREA.
- CONSTRUCTION SHALL ADHERE TO THE DOCK CONSTRUCTION GUIDELINES, THE "2011 STANDARD MARATEE CONDITIONS" AND THE "SEA TURTLE & SHALLOO TH SWIFSH CONSTRUCTION CONDITIONS" WILL BE ADHERED TO DURING ALL INWATER WORK.

TOPOGRAPHIC SURVEY NOTES

- TOPOGRAPHIC SURVEY PROVIDED BY MARTINEZ & MARTINEZ ENTERPRISES, INC., DATED NOVEMBER 17, 2018.
- HORIZONTAL COORDINATES ARE IN FEET AND REFERENCED TO FLORIDA STATE PLANE EAST ZONE (NAD 83).

HYDROGRAPHIC SURVEY NOTES

- BATHYMETRIC SURVEY PERFORMED BY COASTAL SYSTEMS INTERNATIONAL, INC. ON JULY 27, 2018.
- HORIZONTAL COORDINATES ARE IN FEET AND REFERENCED TO FLORIDA STATE PLANE EAST ZONE (NAD 83).
- ELEVATIONS ARE IN FEET AND REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
- THE INFORMATION DEPICTED IN THIS CHART REPRESENTS THE RESULTS OF THE SURVEY ON THE DATE INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.

PRESTRESSED CONCRETE PILING

- CONTRACTOR WILL RETAIN SPECIALTY REGISTERED ENGINEER TO DESIGN PRE-STRESSED PILING.
- PROVIDE AND INSTALL CONCRETE PILING IN ACCORDANCE WITH FOOT SPECIFICATION 455.
- PILES WILL BE MANUFACTURED BY AN FOOT-APPROVED FACILITY.
- CONCRETE WILL BE FOOT CLASS IV (SPECIAL) FOR AN EXTREMELY AGGRESSIVE (MARINE) ENVIRONMENT. PROVIDE SUFFICIENT FLY ASH, MICRO SILICA OR SLAG TO THE CEMENT CONTENT TO INCREASE IMPERMEABILITY OF CONCRETE.
- CONCRETE WILL HAVE A MINIMUM OF 6,000 PSI COMPRESSIVE STRENGTH AT 28 DAYS.
- PILE DRIVING SHALL BE INSPECTED BY AN INDEPENDENT THIRD PARTY GEOTECHNICAL ENGINEER APPROVED BY THE OWNER.
- ALL TESTING AND INSPECTIONS FOR PRE-STRESSED CONCRETE PILES WILL BE IN ACCORDANCE WITH FOOT SPECIFICATIONS, AND WILL BE PERFORMED BY AN INDEPENDENT THIRD PARTY TESTING LABORATORY APPROVED BY THE OWNER.

SHEET PILING NOTES

- SHEET PILING FOR THE SEAWALL TO BE ON US-75 FRP COMPOSITE SHEET PILE OR APPROVED EQUAL.
- COMPOSITE SHEET AT THE BOAT RAMP TOE AND BOAT RAMP EDGES TO BE CREATIVE PULTRUSIONS FRP COMPOSITE SHEET PILE SERIES 1610 (SS819) VINYL ESTER OR APPROVED EQUAL.
- SHEET PILES SHALL BE DRIVEN USING A VIBRATORY HAMMER.

CONCRETE NOTES

- ALL CONCRETE MATERIALS AND CONSTRUCTION WILL BE IN ACCORDANCE WITH FOOT SPECIFICATION 346, 401, AND 415 EXCEPT AS NOTED.
- PROVIDE CHAMBERS ON ALL EXPOSED EDGES AND CORNERS EXCEPT AS OTHERWISE NOTED.
- CONSTRUCTION JOINTS WILL BE PERMITTED ONLY AT THE LOCATIONS INDICATED ON THE PLANS. CONSTRUCTION JOINTS SHALL BE REINFORCED WITH 4" BARS. REINFORCEMENT SHALL BE APPROVED BY THE ENGINEER OF RECORD.
- MINIMUM CONCRETE COVER WILL BE 4" TO OUTSIDE OF REINFORCING BAR.
- ALL CAST-IN-PLACE CONCRETE TO BE A MINIMUM OF 5,500 PSI COMPRESSIVE STRENGTH AT 28 DAYS.
- PROVIDE AN FOOT-APPROVED MIX DESIGN FOR A CLASS IV CONCRETE FOR AN EXTREMELY AGGRESSIVE (MARINE) ENVIRONMENT. PROVIDE SUFFICIENT AMOUNT OF FLY ASH, MICRO SILICA, OR SLAG TO THE CEMENT CONTENT TO INCREASE IMPERMEABILITY OF CONCRETE. W/C RATIO WILL BE 0.40 MAX.
- ALL CURE PLACED CONCRETE WILL BE IN ACCORDANCE WITH FOOT SPECIFICATION 400-16.1.
- PROVIDE ADHESIVE BONDED DOWELS IN ACCORDANCE WITH FOOT SECTION 416, AS REQUIRED.
- THE SURFACE OF EXISTING HARDENED CONCRETE WILL BE INTENTIONALLY ROUGHENED BEFORE PLACING THE NEW CONCRETE.
- ALL TESTING AND INSPECTION FOR CONCRETE MATERIALS WILL BE IN ACCORDANCE WITH FOOT SPECIFICATIONS, AND WILL BE PERFORMED BY AN INDEPENDENT THIRD PARTY TESTING LABORATORY APPROVED BY THE OWNER.

CORROSION RESISTANT REINFORCING REBAR

- GLASS REINFORCED FIBER POLYMERS (FRP) BARS TO BE IN ACCORDANCE WITH ASTM D7957-17.

HELICAL ANCHOR

- ANCHORS TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
- ALL ANCHOR TESTING SHALL BE MONITORED BY A SPECIALTY ENGINEER HIRED BY THE CONTRACTOR.
- ANCHORS SHALL BE CHANGED TO SSS OR APPROVED EQUAL
ANCHOR LENGTH = 34 FT
HELIX THICKNESS = 3/4"
PLATE CONFIGURATION = 10,12,14
HELIX GRADE = 50 KSI
DESIGN LOAD = 19 KIPS
TENSILE LOAD = 45 KIPS
TESTING LOAD = 24 KIPS
- PERFORMANCE TEST TO BE PERFORMED ON MINIMUM ONE ANCHOR.
- PROOF TEST TO BE PERFORMED ON ALL ANCHORS EXCEPT ANCHORS THAT WILL BE PERFORMANCE TESTED.
- TEST RESULTS SHALL BE SUBMITTED TO E.O.R. FOR REVIEW AND APPROVAL.

LAYOUT AND TESTING

- ALL CONSTRUCTION TAKEOUT SHALL BE PERFORMED BY AND PAID FOR BY THE CONTRACTOR.
- ALL TESTING AND INSPECTION FOR CONCRETE MATERIALS SHALL BE IN ACCORDANCE WITH FOOT SPECIFICATIONS, AND SHALL BE PERFORMED BY AN INDEPENDENT TESTING LABORATORY RETAINED BY THE OWNER.
- CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A SET OF SIGNED & SEALED AS-BUILT DRAWINGS OF THE CONSTRUCTION. THE DRAWINGS SHALL SHOW THE EXACT LOCATIONS OF ABOVE AND BELOW GROUND STRUCTURES AND WALLS RELATIVE TO THE CONSTRUCTION BASELINE.
- PILE DRIVING SHALL BE INSPECTED BY AN INDEPENDENT GEOTECHNICAL ENGINEER HIRED BY THE OWNER.
- TEST PILE RESULTS SHOULD BE SUBMITTED TO THE ENGINEER IN ORDER TO FINALIZE THE TIP ELEVATION.

INSTALLATION OF GEOTEXTILE AND REBAR:

- INSTALL GEOTEXTILE AS INDICATED ON THE DRAWINGS AND IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
- OWNER SHALL STAKE LIMITS OF SEAGRASS, IF APPLICABLE, PRIOR TO PLACEMENT OF REBAR IN ACCORDANCE WITH ENVIRONMENTAL PERMIT CONDITIONS.
- PLACE GEOTEXTILE ON A SMOOTH GRADED SURFACE APPROVED BY THE OWNER. PLACE GEOTEXTILE IN SUCH A MANNER THAT IT WILL NOT BE EXCESSIVELY STRETCHED OR TORN UPON PLACEMENT OF OVERLAPPING MATERIALS.
- ANCHOR THE GEOTEXTILE USING ANCHOR PINS RECOMMENDED BY THE MANUFACTURER.
- JOIN GEOTEXTILE SHEETS BY OVERLAPPING A MINIMUM OF 3 FEET.
- INDICATE EACH TYPE OF REBAR IN THE LOCATIONS AND TO THE ELEVATIONS, THICKNESS, AND DETAILS NOTED ON THE DRAWINGS AND AS DIRECTED BY THE OWNER. USE METHODS TO ENSURE THAT THE FINER ONE-THIRD OF THE GRADATION IS EVENLY DISTRIBUTED THROUGHOUT THE LAYER AND OVER THE SURFACE BEING COVERED.
- BEGIN PLACEMENT OF REBAR AT THE TOE OF THE SLOPE AND CONTINUE PLACING WORKING UP THE SLOPE. PLACE THE ROCK IN SUCH A MANNER AS TO CREATE FIRM BEDDING AND INTERLOCKING OF INDIVIDUAL PIECES TO OBTAIN A TIGHTLY PACKED STRUCTURE. THE FINISHED SURFACE SHALL BE IMPROVED TO THE SATISFACTION OF THE OWNER. REMOVE AND REPLACE THE PORTION OF ANY PROBLEMANCES TO THE SATISFACTION OF THE OWNER. REMOVE AND REPLACE THE PORTION OF ANY LAYER IN WHICH MATERIAL BECOMES SEGREGATED DURING SPREADING.
- DO NOT DROP THE ROCK WHEN PLACING OVER GEOTEXTILE.

SUBMITTALS

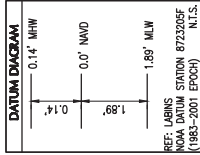
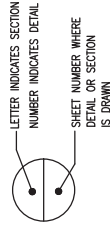
- CONTRACTOR TO SUBMIT MATERIAL CUT SHEETS, SHOP DRAWINGS OR SPECIFICATIONS OF THE FOLLOWING ITEMS FOR ENGINEER'S APPROVAL, PRIOR TO PROCUREMENT OR INSTALLATION:

- SCHEDULE FOR COMPLETION OF WORK
 - SHOP DRAWINGS OF CONCRETE SLABS
 - SHOP DRAWINGS OF ALL RAMP COMPONENTS
 - CONCRETE MIX DESIGN FOR CAST IN PLACE CONCRETE
 - CONCRETE MIX FOR DESIGN FOR PRECAST CONCRETE
 - FRP REBAR
 - CURING COMPOUND
 - PILE DRIVING MEANS AND METHODS
- FRAMEWORK AND FALSEWORK
 - WOOD EXTERIORS
 - FLOATING DOCKS
 - SHEET PILE
 - REPAIR MORTAR
 - HELICAL ANCHORS AND CONNECTIONS
 - TEST PILES
 - FRP SHEET PILING CAP

ABBREVIATIONS

- ALUM. _____ ALUMINUM
B. _____ BOTTOM
C.P. _____ COMPLETE JOINT PENETRATION
C.I. _____ CONTROL JOINT
CL. _____ CENTER LINE
CLR. _____ CLEAR
CONC. _____ CONCRETE
CON. _____ CONCRETE
COT. _____ CENTER
DIA./Ø _____ DIAMETER
E.A. _____ EACH
E.F. _____ EACH FACE
E.J. _____ EXPANSION JOINT
EOR _____ ENGINEER OF RECORD
ELEV. _____ ELEVATION
EW _____ EACH WAY
EXIST./EX. _____ EXISTING
FRP _____ FIBER REINFORCED PLASTIC
GALV. _____ GALVANIZED
HOG. _____ HOT DIPPED GALVANIZED
HKS. _____ HOOKS
I.J. _____ ISOLATION JOINT
MAX. _____ MAXIMUM
MIN. _____ MINIMUM
MHW _____ MEAN HIGH WATER
MLW _____ MEAN LOW WATER
NOVD _____ N.A.T.L. GEODETIC VERTICAL DATUM
O.A. _____ OVERALL
O.C. _____ ON CENTER
P.E. _____ PROFESSIONAL ENGINEER
PSF _____ POUNDS PER SQUARE FOOT
SS _____ STAINLESS STEEL
STL _____ STEEL
TYP. _____ TYPICAL
UNO. _____ UNLESS NOTED OTHERWISE

SECTION DETAIL LABEL



MYERS PARK IMPROVEMENTS
2900 SOUTH BAYSHORE DRIVE
MIAMI, FL 33133

GENERAL NOTES

SHEET TITLE:

CONSULTANT SPACE



DATE: 05/28/20

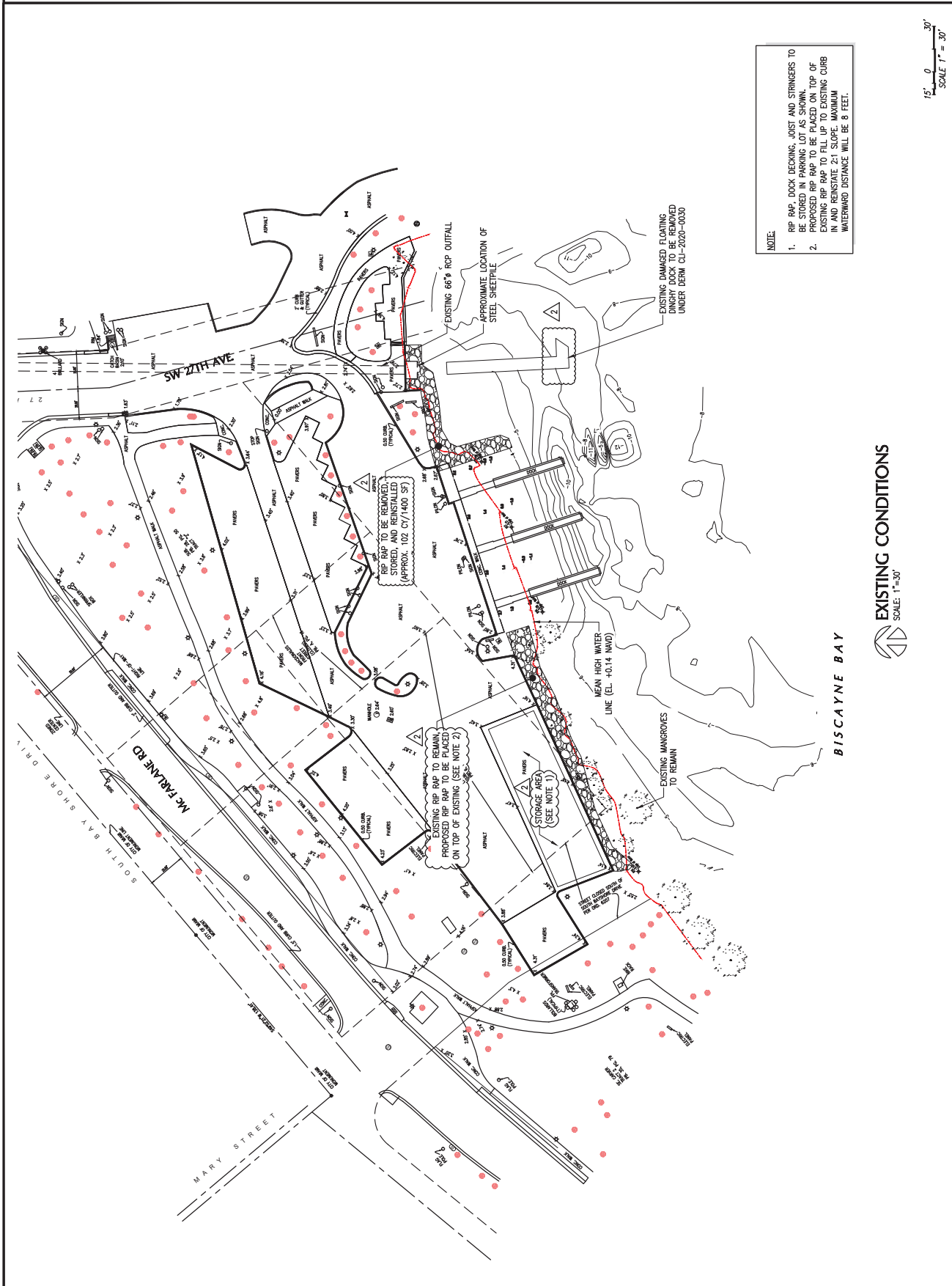
NAME: ANDRES PEREZ

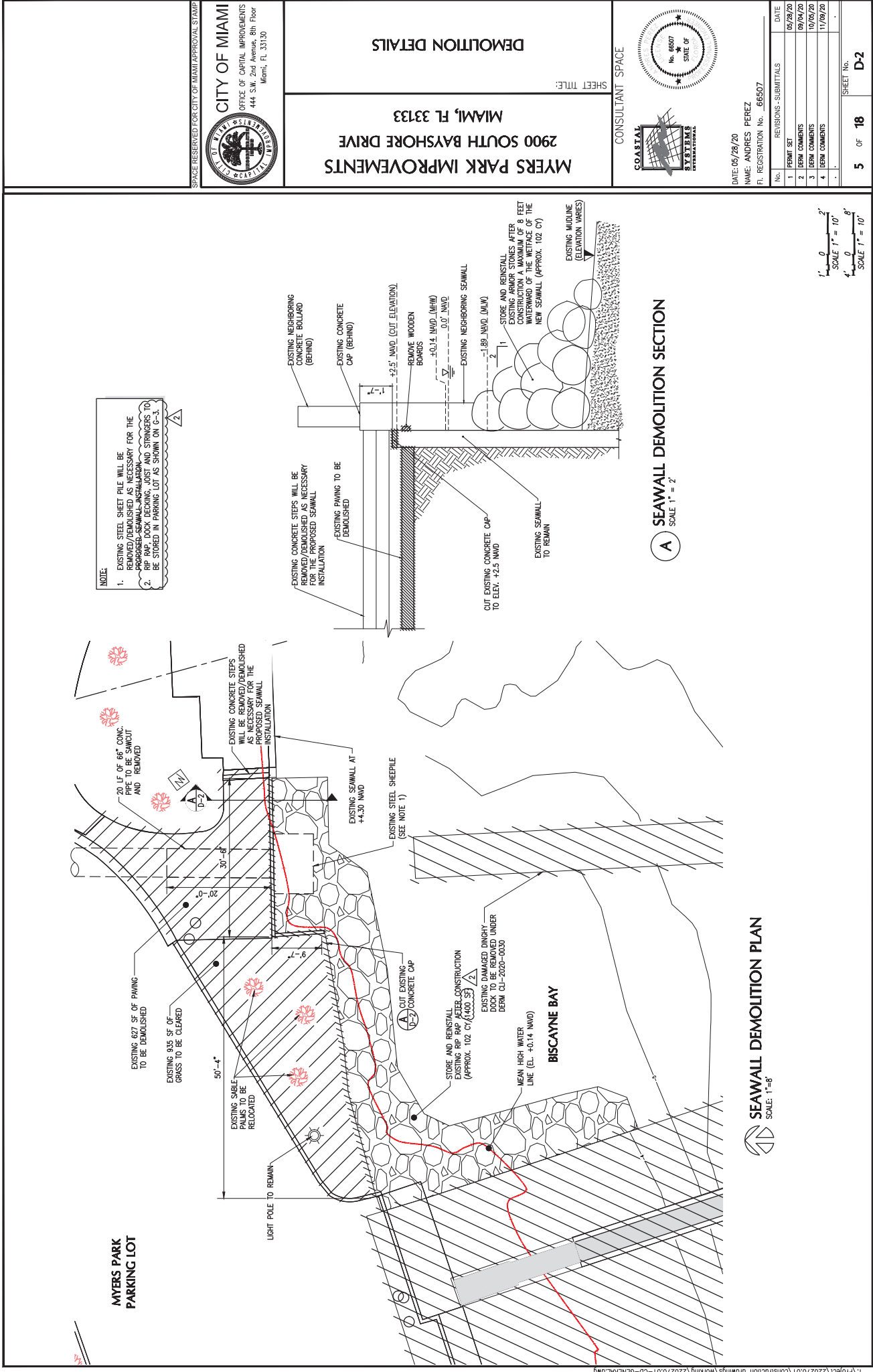
FL REGISTRATION No. 66507

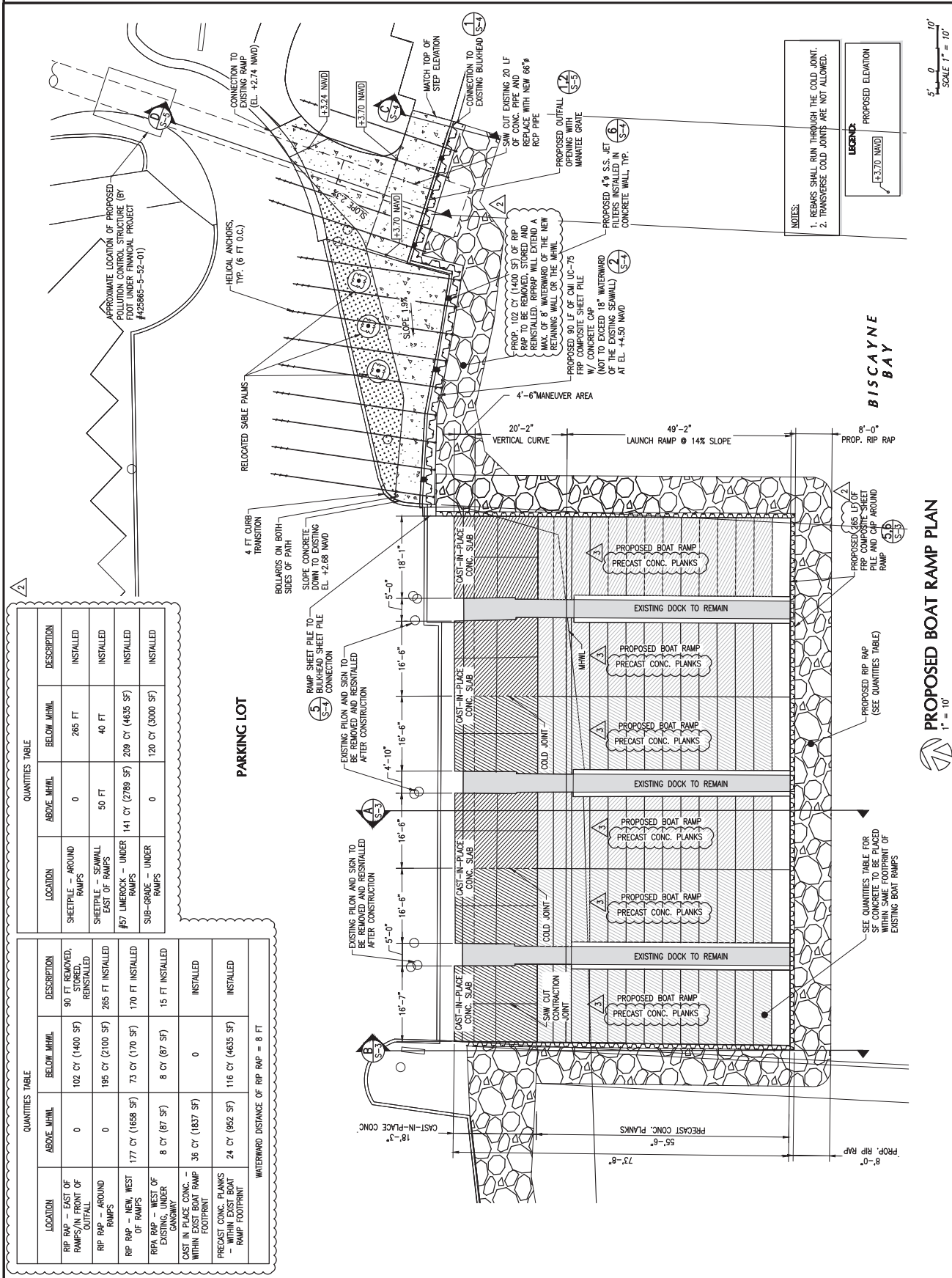
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4	DESK COMMENTS	11/09/20

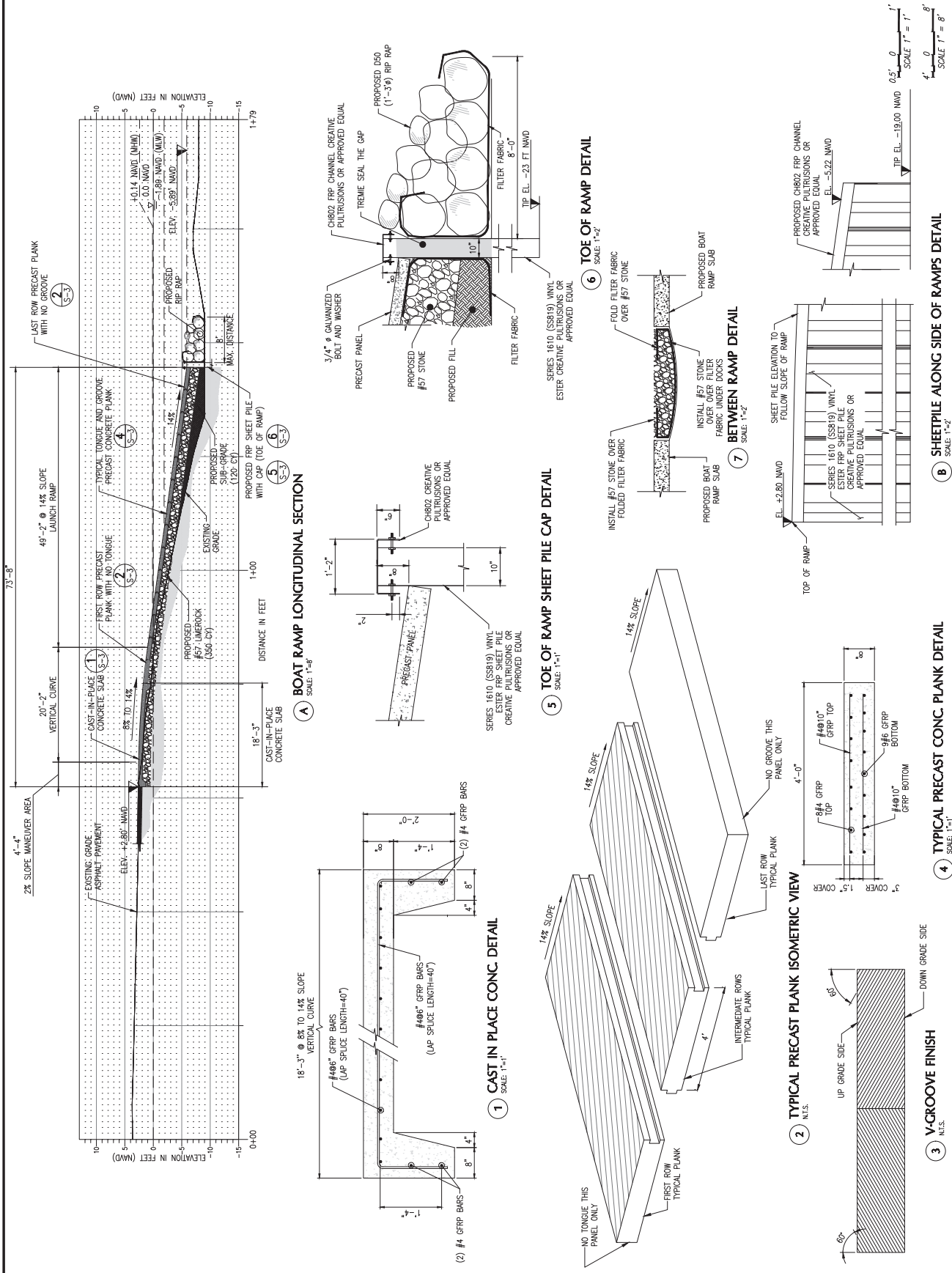
SHEET No. 2 OF 18 G-2

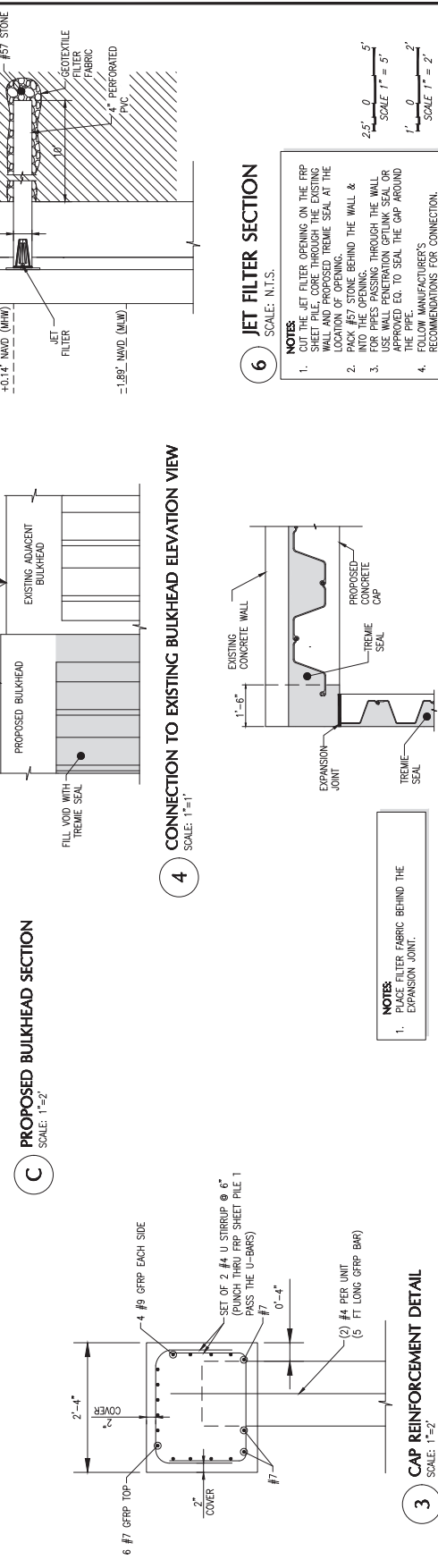
 CITY OF MIAMI OFFICE OF CAPITAL IMPROVEMENTS 444 S.W. 2nd Avenue, 8th Floor Miami, FL 33130	MYERS PARK IMPROVEMENTS 2900 SOUTH BAYSHORE DRIVE MIAMI, FL 33133 EXISTING CONDITIONS	 CONSULTANT SPACE 																					
DATE: 05/28/20 NAME: ANDRES PEREZ FL REGISTRATION No. 66507																							
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">No.</th> <th style="width: 85%;">REVISIONS - SUBMITTALS</th> <th style="width: 10%;">DATE</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>PERMIT SET</td> <td style="text-align: center;">05/28/20</td> </tr> <tr> <td style="text-align: center;">2</td> <td>DERM COMMENTS</td> <td style="text-align: center;">09/04/20</td> </tr> <tr> <td style="text-align: center;">3</td> <td>DERM COMMENTS</td> <td style="text-align: center;">10/05/20</td> </tr> <tr> <td style="text-align: center;">4</td> <td>DERM COMMENTS</td> <td style="text-align: center;">11/09/20</td> </tr> <tr> <td style="text-align: center;">.</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">.</td> <td></td> <td></td> </tr> </tbody> </table>			No.	REVISIONS - SUBMITTALS	DATE	1	PERMIT SET	05/28/20	2	DERM COMMENTS	09/04/20	3	DERM COMMENTS	10/05/20	4	DERM COMMENTS	11/09/20	.			.		
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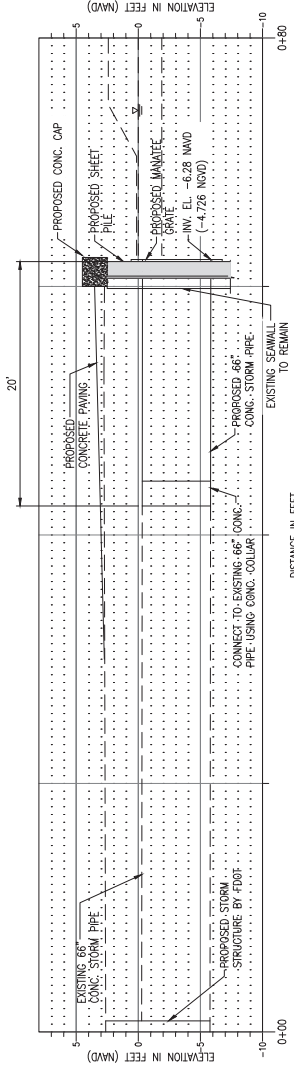




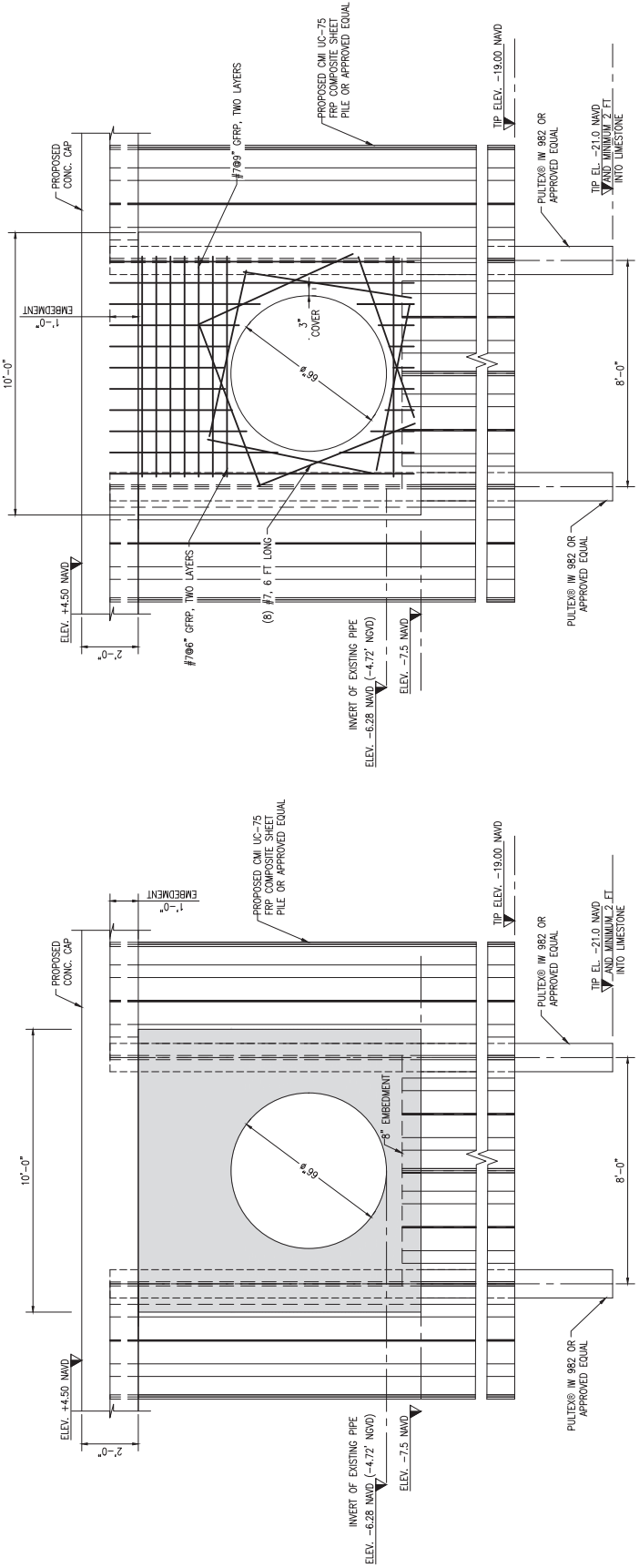








D OUTFALL PIPE REPLACEMENT
SCALE: 1"=5'



1 PROPOSED OUTFALL PANEL
SCALE: 1"=2'

2 PROPOSED OUTFALL PANEL REBAR
SCALE: 1"=2'

NOTE
1. CAP REINFORCEMENT NOT SHOWN.



MYERS PARK IMPROVEMENTS
2900 SOUTH BAYSHORE DRIVE
MIAMI, FL 33133

PROPOSED OUTFALL SECTION AND DETAILS

SHEET TITLE:

CONSULTANT SPACE



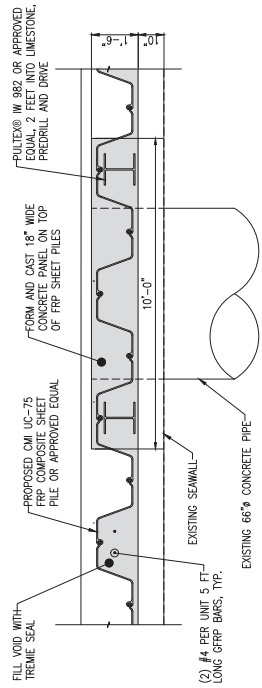
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NAME: ANDRES PEREZ

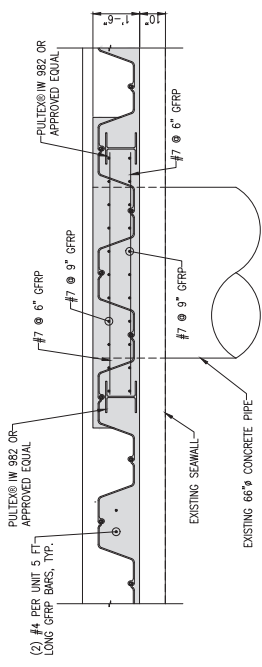
FL REGISTRATION No. 66507

No.	REVISIONS - SUBMITTALS	DATE
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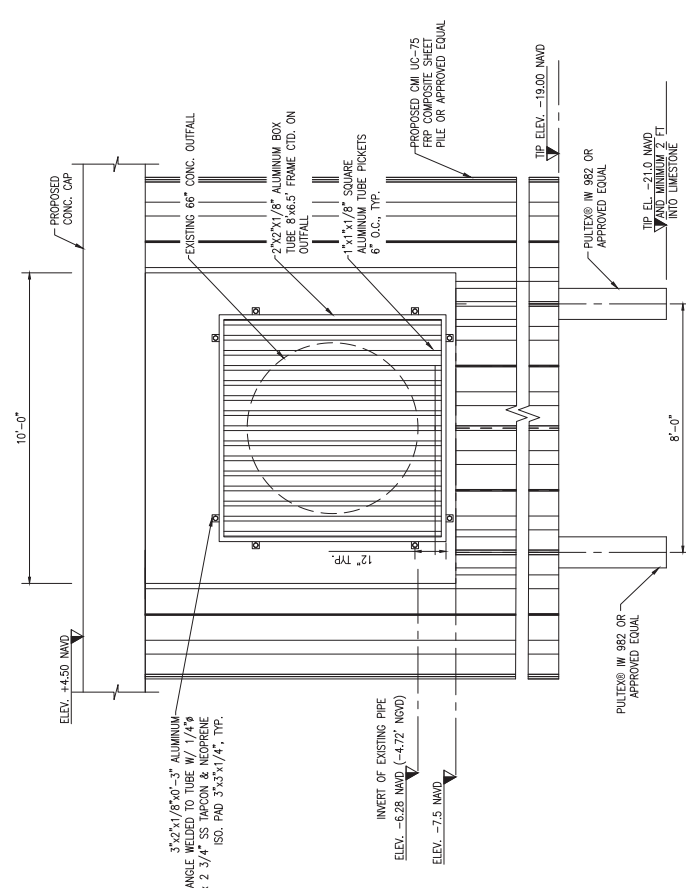
10	OF	18	SHEET No.	S-5
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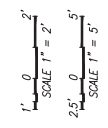
3 PROPOSED SEAWALL AROUND OUTFALL
SCALE: 1"=2'



4 PROPOSED SEAWALL AROUND OUTFALL REBAR
SCALE: 1"=2'



5 PROPOSED ALUMINUM MANATEE GRATE
SCALE: 1"=2'



MYERS PARK IMPROVEMENTS
2900 SOUTH BAYSHORE DRIVE
MIAMI, FL 33133

CITY OF MIAMI
OFFICE OF CAPITAL IMPROVEMENTS
444 S.W. 2nd Avenue, 8th Floor
Miami, FL 33130

PROPOSED OUTFALL DETAILS

SHEET TITLE:

CONSULTANT SPACE

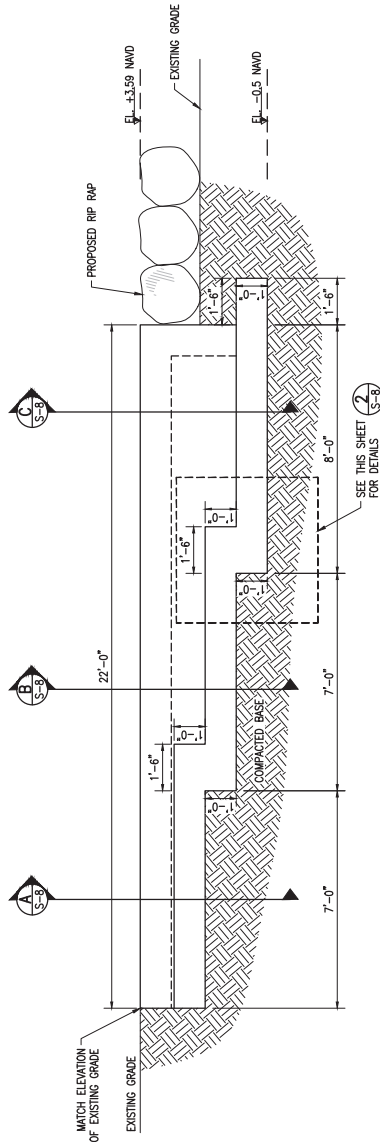
COASTAL SYSTEMS INTERNATIONAL

DATE: 05/28/20
NAME: ANDRES PEREZ
FL REGISTRATION No. 66507

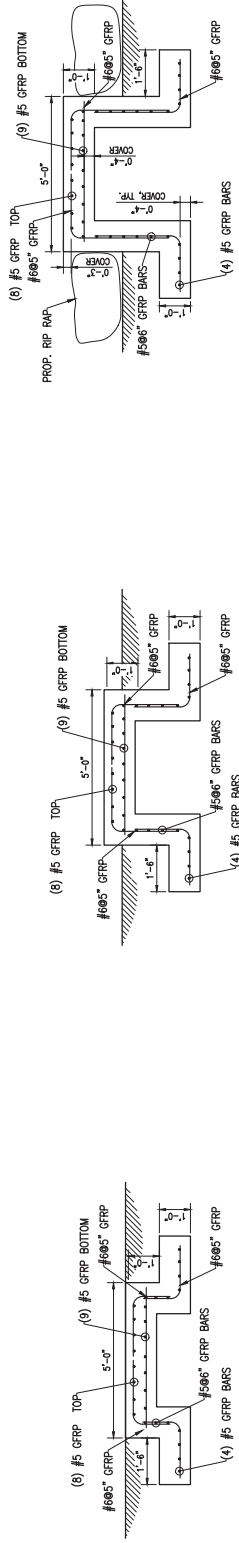
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SHEET No. **11** OF **18**

SHEET No. **S-6**



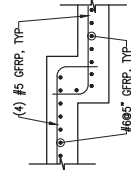
1 PROPOSED CONCRETE ABUTMENT DETAIL
1" = 2'



A PROPOSED CONCRETE ABUTMENT SECTION
1" = 2'

B PROPOSED CONCRETE ABUTMENT SECTION
1" = 2'

C PROPOSED CONCRETE ABUTMENT SECTION
1" = 2'



2 PROPOSED CONCRETE BASE REBAR DETAIL
1" = 2'

1" = 0' 2"
SCALE 1" = 2'

2.5" = 0' 5"
SCALE 1" = 5'

MYERS PARK IMPROVEMENTS
2900 SOUTH BAYSHORE DRIVE
MIAMI, FL 33133

PROPOSED FLOATING DOCK
DETAILS

SHEET TITLE:

CONSULTANT SPACE



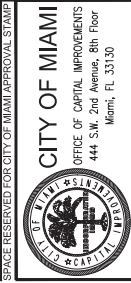
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FL REGISTRATION No. 66507

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SHEET No. **13** OF **18** **S-8**



- HAUL ROADS DAMPENED FOR DUST CONTROL
- LOADED HAUL TRUCKS TO BE COVERED WITH TARPAULIN
- EXCESS DIRT ON ROAD REMOVED DAILY
- STABILIZED CONSTRUCTION ENTRANCE
- WATER TRUCK SCHEDULING
- STREET SWEEPING (DAILY)

I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT THAT AUTHORIZES THE STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION.

- HAUL ROADS DAMPENED FOR DUST CONTROL
- LOADED HAUL TRUCKS TO BE COVERED WITH TARPAULIN
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- EXCESS DIRT ON ROAD REMOVED DAILY
- STABILIZED CONSTRUCTION ENTRANCE
- WATER TRUCK SCHEDULING
- STREET SWEEPING (DAILY)

SWPPP-2

SPACE RESERVED FOR CITY OF MIAMI APPROVAL STAMP

CITY OF MIAMI

OFFICE OF CAPITAL IMPROVEMENTS

444 S.W. 2nd Avenue, 8th Floor

Miami, FL 33130

MYERS PARK IMPROVEMENTS

2900 SOUTH BAYSHORE DRIVE

MIAMI, FL 33133

STORMWATER POLLUTION PREVENTION PLAN

SHEET TITLE:

CONSULTANT SPACE

DATE: 05/28/20

NAME: ANDRES PEREZ

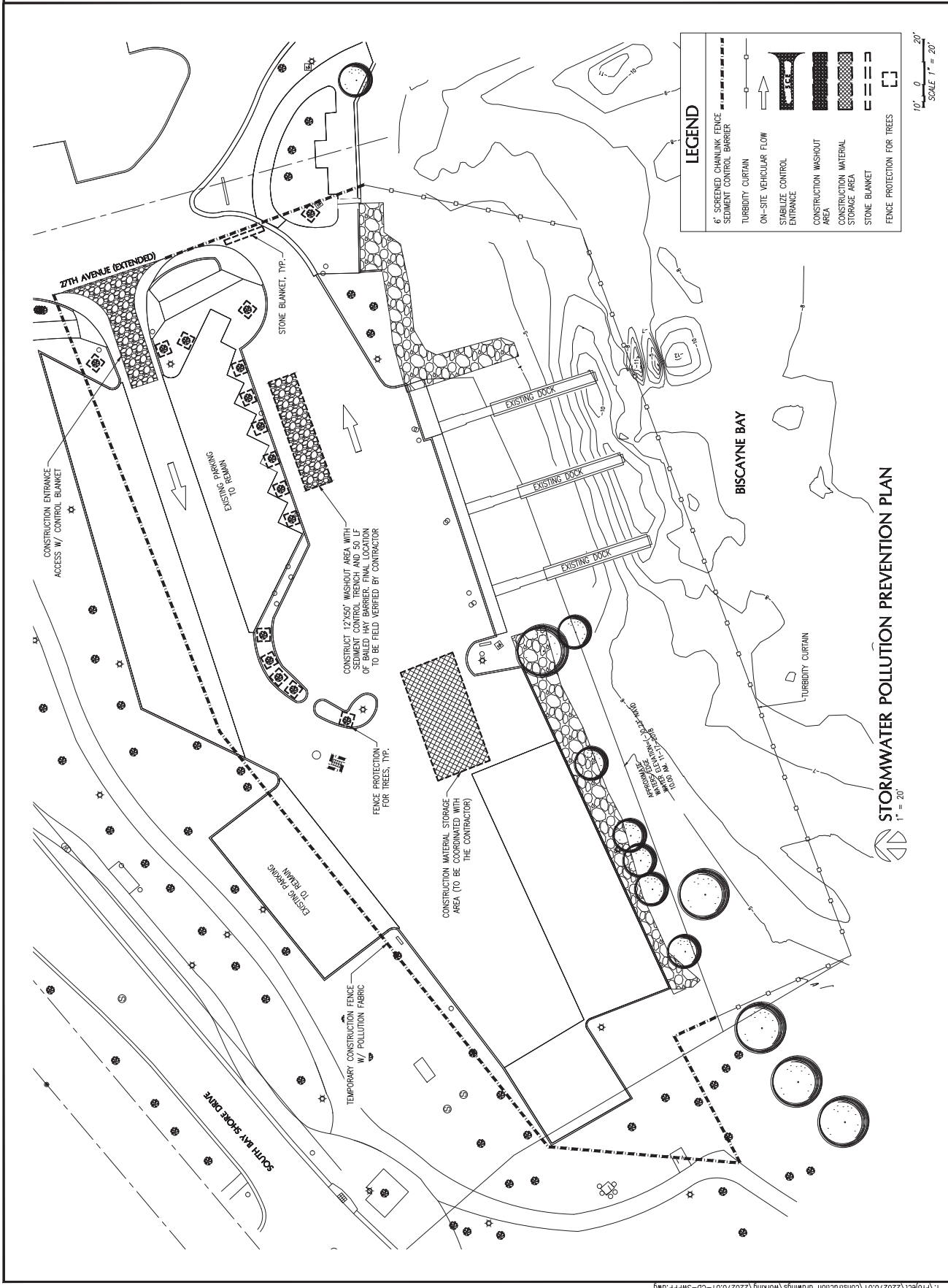
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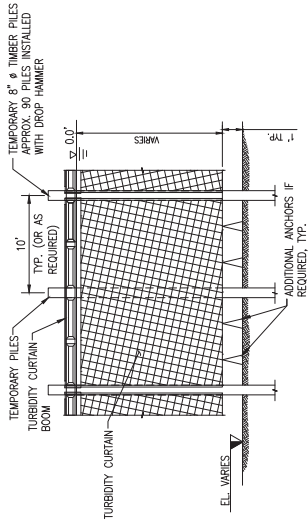
REVISIONS - SUBMITTALS

No.	DATE	REVISIONS - SUBMITTALS
1	05/28/20	PERMIT SET
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3	10/05/20	PERM COMMENTS
4	11/09/20	PERM COMMENTS

SHEET No. **16** OF **18**

SWPPP-3



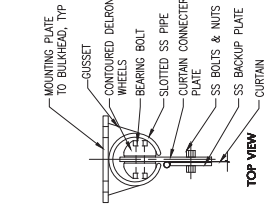
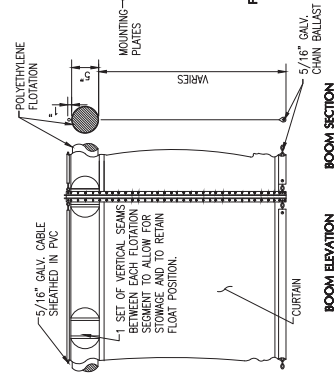


TURBIDITY CURTAIN

NTS

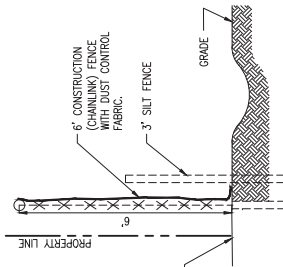
TURBIDITY CURTAIN DETAILS

NTS.



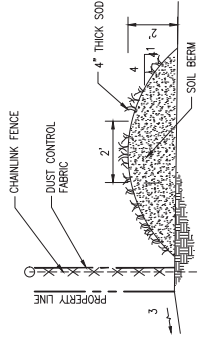
TURBIDITY CONTROL AND MONITORING NOTES

- CONTRACTOR SHALL SUBMIT TURBIDITY CONTROL PLAN FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION IN ACCORDANCE WITH REGULATORY PERMITS.
- TURBIDITY SHALL BE MONITORED AS OUTLINED IN THE REGULATORY PERMITS.
- CONTRACTOR SHALL CONDUCT TURBIDITY MONITORING UTILIZING APPROPRIATE TURBIDITY METER WHICH TESTS IN ACCORDANCE WITH EPA METHOD 180 (OR EQUIVALENT).
- CONTRACTOR SHALL COMPILE AND SUBMIT MONITORING REPORTS TO OWNER AND TO THE AGENCIES, AS REQUIRED IN THE ENVIRONMENTAL PERMITS.
- INSTALLATION WILL OCCUR OUTSIDE SEA TURTLE HATCHING SEASON JUNE THROUGH OCTOBER. PREFERRED METHOD OF INSTALLATION IS JETTING WOOD PILES.



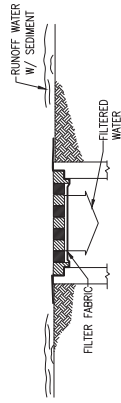
FENCE DETAIL WITH SEDIMENT TRAP

NTS.



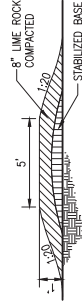
SEDIMENT CONTROL BARRIER

NTS.



INLET SEDIMENT FILTER

NTS.



STONE BLANKET DETAIL

NTS.

NOTE: ALL CONTROLS SHALL BE CONSISTENT WITH PERFORMANCE STANDARDS FOR EROSION AND SEDIMENT CONTROL AND STORMWATER TREATMENT SET FORTH IN S. 82-40.432, F.A.C., THE APPLICABLE STORMWATER TREATMENT OR ENVIRONMENTAL RESOURCE PERMITTING REQUIREMENTS OF THE DEPARTMENT OF A WATER RESOURCES MANAGEMENT. THE DEPARTMENT OF A WATER RESOURCES MANAGEMENT DEVELOPMENT MANUAL: A GUIDE TO SOUND LAND AND WATER MANAGEMENT (DEP, 1988) AND ANY SUBSEQUENT AMENDMENTS.

TEMPORARY GRAVEL CONSTRUCTION ENTRANCE

NTS.

MYERS PARK IMPROVEMENTS
2900 SOUTH BAYSHORE DRIVE
MIAMI, FL 33133

STORMWATER POLLUTION
PREVENTION DETAILS

SHEET TITLE:

CONSULTANT SPACE



DATE: 05/28/20

NAME: ANDRES PEREZ

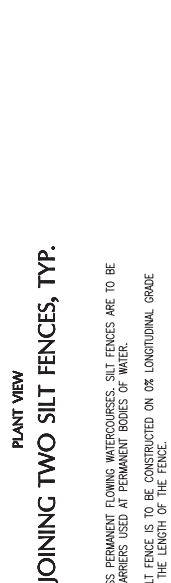
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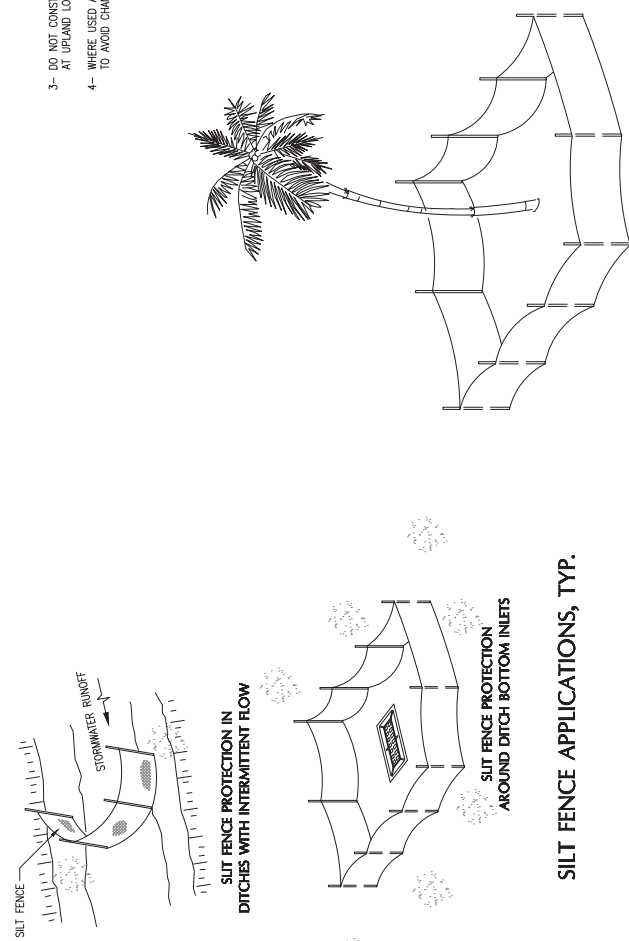
SHEET No.

17 OF 18

SWPPP-4



- 3- DO NOT CONSTRUCT SILT FENCES ACROSS PERMANENT FLOWING WATERCOURSES. SILT FENCES ARE TO BE AT UPLAND LOCATIONS AND TURBIDITY BARRIERS USED AT PERMANENT BODIES OF WATER.
- 4- WHERE USED AS SLOPE PROTECTION, SILT FENCE IS TO BE CONSTRUCTED ON 0% LONGITUDINAL GRADE TO AVOID CHANNELIZING RUNOFF ALONG THE LENGTH OF THE FENCE.



FENCE PROTECTION AROUND TREES

SILT FENCE APPLICATIONS, TYP.

Attachment C

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

The address and attention are below:

Coconut Grove Sailing Club

Attn: Lauren Simpson

2990 South Bayshore Drive

Miami, FL 33133

Lauren is the General Manager of the Sailing Club, and her information is below, if required by DERM for verification:

LAUREN SIMPSON

305-444-4571 EX 18

manager@cgsc.org

Attachment D

DERM Project Report

CLASS I PERMIT APPLICATION NO. CLI-2019-0460

Class I Permit Application by the City of Miami for the Filling of Tidal Waters in Association with Improvements to an Existing Boat Ramp and for the Installation of a New Seawall, Riprap, and Fixed and Floating Docks within Biscayne Bay at 2900 South Bayshore Drive, in the City of Miami, Miami-Dade County, Florida.

DATE: March 25, 2021

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

1. **Potential Adverse Environmental Impact** – Pursuant to Section 24-48.4 of the Code, potential adverse environmental impacts and cumulative adverse environmental impacts for a proposed project must be avoided and minimized. Section 24-48.4 of the Code also requires mitigation for permissible projects that otherwise result in unavoidable environmental impacts. As the proposed ramp and associated piers would be installed in the same footprint as the existing ramp and piers, no adverse environmental impacts are reasonably anticipated to occur as a result of the proposed project. Furthermore, no federally or State-designated threatened or endangered species of seagrasses or corals were documented within the footprint of the proposed work and the submerged bottom does not provide significant habitat. In addition, the proposed shoreline stabilization will not result in adverse impacts to resources.

The proposed work is not reasonably expected to result in cumulative environmental impacts to water quality; however, the construction phase of the proposed project may result in temporary water quality impacts. In order to minimize the temporary impacts to water quality as a result of the construction activities associated with the proposed work, the Class I permit would require that turbidity controls be utilized during all phases of construction to ensure compliance with State and County water quality standards. Mitigation for minor temporary impacts to water quality associated with the filling of tidal waters and seawall installation would be satisfied through the placement of riprap within the project area to provide shoreline stabilization and create habitat. Any portion of the required mitigation that cannot be accommodated on-site 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. The project is located within an area designated as essential habitat for the Florida manatee and the Manatee Protection Plan recommends the site be utilized for commercial marinas, dry storage, boat ramps, transitory docks, or boatyards. The proposed boat ramp renovations are consistent with the historic use of the facility and with the marine facility siting recommendations of the Manatee Protection Plan. Furthermore, the Class I permit 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 is not reasonably expected to result in adverse impacts to water quality. Although the proposed project may result in minor temporary impacts to surface water quality during construction operations, potential impacts will be minimized and mitigated as set forth in Number 1 above.
5. **Wellfields** – The proposed project is not reasonably expected to adversely affect wellfields.
6. **Water Supply** – The proposed project is not reasonably expected to adversely affect water supply.

7. **Aquifer Recharge** – The proposed project is not reasonably expected to adversely affect aquifer recharge.
8. **Aesthetics** – The proposed project is not reasonably expected to adversely affect aesthetics.
9. **Navigation** – The proposed project is not reasonably expected to adversely affect navigation.
10. **Public Health** - The proposed project is not reasonably expected to adversely affect public health.
11. **Historic Values** - The 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 suitable for habitat as set forth in Number 1 above.
15. **Wetland Soils Suitable for Habitat** – The proposed project is not reasonably expected to adversely affect wetland soils suitable for habitat.
16. **Floral Values** – The proposed project is not reasonably expected to adversely affect floral values as set forth in Number 1 above.
17. **Fauna Values** - The proposed project is not reasonably expected to adversely affect fauna values as set forth in Number 1 above.
18. **Rare, Threatened and Endangered Species** – The proposed project is not reasonably expected to adversely affect rare, threatened and endangered species as set forth in Number 1 above.
19. **Natural Flood Damage Protection** - The proposed project is not reasonably expected to adversely affect surface water drainage or retention of stormwater.
20. **Wetland Values** – The proposed project is not reasonably expected to adversely affect wetland values.
21. **Land Use Classification** – Pursuant to Section 24-48.2(II)(B)(7) of the Code of Miami-Dade County, Florida, applications for Class I permits by a municipality within its own jurisdiction shall not be required to submit a substantiating letter or plan approval from the local zoning authority.
22. **Recreation** - The proposed project does not conflict with the recreation element of the Miami-Dade County Comprehensive Development Master Plan.
23. **Other Environmental Values Affecting the Public Interest** – The proposed project is not reasonably expected to adversely affect other environmental values affecting the public interest. The proposed project will occur on lands owned by the applicant.
24. **Conformance with Standard Construction Procedures and Practices and Design and Performance Standards** – The proposed project complies with the standard construction procedures and practices and design and performance standards of the applicable portions of the Code of Miami-Dade County and the Miami-Dade County Public Works Manual.

25. **Comprehensive Environmental Impact Statement (CEIS)** - In the opinion of the Director, the proposed project is not reasonably expected to result in significant adverse environmental impacts or cumulative adverse environmental impacts. Therefore, a CEIS was not required by DERM to evaluate the project.
26. **Conformance with All Applicable Federal, State and Local Laws and Regulations** - The proposed project is in conformance with applicable State, Federal and local laws and regulations:
- a) Chapter 24 of the Code of Miami-Dade County
 - b) United States Clean Water Act (US Army Corps of Engineers permit is required)
 - c) Florida Department of Environmental Protection (regulatory permit is required)
27. **Conformance with the Miami-Dade County Comprehensive Development Master Plan (CDMP)** - In the opinion of the Director, the proposed project is consistent as required by CDMP policy LU-3A, with the goals, objectives and policies contained in the Conservation, Aquifer Recharge and Drainage and Coastal Management Elements of this Plan, and with all applicable environmental regulations, as well as other elements of the CDMP. The following is a summary of the proposed project as it relates to the CDMP:

LAND USE ELEMENT I:

Objective 3/Policies 3B, 3C - Protection of natural resources and systems. – The proposed project is consistent with all applicable environmental regulations, is compatible with surrounding land uses in Biscayne Bay and does not involve development in the Big Cypress area of Critical State Concern or the East Everglades.

TRANSPORTATION ELEMENT II

Aviation Subelement/Objective AV-5A - Aviation System Expansion - There is no aviation element to the proposed project.

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

CONSERVATION, AQUIFER RECHARGES AND DRAINAGE ELEMENT IV:

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

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

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

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

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

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

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

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

COASTAL MANAGEMENT ELEMENT VII:

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

Objective 1/ Policy 1B - Natural surface flow into and through coastal wetlands. – The proposed project is not located within coastal wetlands.

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

Objective 1/Policy 1D - Protection and maintenance of mangrove forests and related natural vegetational communities. - The proposed project is not located within a mangrove forest or related natural vegetational community.

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

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

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

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

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

Objective 4/Policy 4A, 4C, 4E, 4F – Protection of endangered or threatened animal species. – The proposed project is not reasonably expected to result in impacts to endangered or threatened species as set forth in Number 1 above.

Objective 5/Policy 5B - Existing and new areas for water-dependent uses. - The proposed project will enhance the existing water-dependent use as set forth in Number 1.

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

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

28. **Conformance with Chapter 33B, Code of Miami-Dade County** (East Everglades Zoning Overlay Ordinance) – The proposed project is not located within the East Everglades Area.
29. **Conformance with Miami-Dade County Ordinance 81-19** (Biscayne Bay Management Plan Sections 33D-1 through 33D-4 of the Code of Miami-Dade County) - The proposed project is in conformance with the Biscayne Bay Management Plan.
30. **Conformance with the Miami-Dade County Manatee Protection Plan** - The proposed project has been evaluated for consistency with the Miami-Dade County Manatee Protection Plan. The project is located within an area designated as essential habitat for the Florida manatee and the Manatee Protection Plan recommends the site be utilized for commercial marinas, dry storage, boat ramps, transitory docks, or boatyards. The proposed boat ramp renovations are consistent with the historic use of the facility and with the marine facility siting recommendations of the Manatee Protection Plan. Furthermore, the Class I permit would require that all standard construction permit conditions regarding manatee protection be followed during all in-water operations.
31. **Consistency with Miami-Dade County Criteria for Lake Excavation** – The proposed project does not involve lake excavation.
32. **Municipality Recommendation** – Pursuant to Section 24-48.2(II)(B)(7) of the Code of Miami-Dade County, Florida, applications for Class I permits by a municipality within its own jurisdiction shall not be required to submit a substantiating letter or plan approval from the applicable zoning authority.
33. **Coastal Resources Management Line** - A coastal resources management line was not required for the proposed project, pursuant to Section 24-48.2(II)(B)(10)(b) of the Code of Miami-Dade County.
34. **Maximum Protection of a Wetland's Hydrological and Biological Functions** – The proposed project is not located within a wetland.
35. **Class I Permit Applications Proposing to Exceed the Boundaries Described in Section D-5.03(2)(a) of the Miami-Dade County Public Works Manual** – Not applicable.

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

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

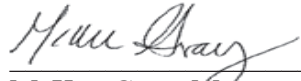
- (c) Minimum dredging and filling necessary for the creation and maintenance of marinas, piers, docks, and attendant navigational channels.

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

The proposed project complies with the Code-required water depth criteria.

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

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



McKee Gray, Manager
Coastal Resources Section



Samantha Tiffany, Biologist II
Coastal Resources Section



MEMORANDUM

(Revised)

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

DATE: July 20, 2021

FROM: 
Gen Bonzon-Keenan
County Attorney

SUBJECT: Agenda Item No. 5(Q)

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(Q)
7-20-21

RESOLUTION NO. R-702-21

RESOLUTION TAKING ACTION ON A CLASS I PERMIT APPLICATION BY THE CITY OF MIAMI FOR THE FILLING OF TIDAL WATERS IN ASSOCIATION WITH IMPROVEMENTS TO AN EXISTING BOAT RAMP AND FOR THE INSTALLATION OF A NEW SEAWALL, RIPRAP, FIXED PIERS, AND A FLOATING DOCK WITHIN BISCAYNE BAY AT 2900 SOUTH BAYSHORE DRIVE, IN THE CITY OF MIAMI, MIAMI-DADE COUNTY, FLORIDA

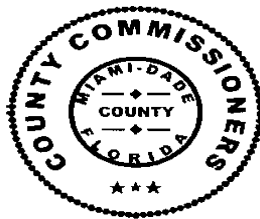
WHEREAS, this Board desires to accomplish the purposes outlined in the accompanying memorandum, a copy of which is incorporated herein by reference,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that this Board having considered all the applicable factors contained within Section 24-48.3 of the Code of Miami-Dade County, hereby approves the application by the City of Miami for the filling of tidal waters in association with improvements to an existing boat ramp and for the installation of a new seawall, riprap, fixed piers, and a floating dock within Biscayne Bay at 2900 South Bayshore Drive, in the City of Miami, Miami-Dade County, Florida, subject to the conditions set forth in the memorandum from the Miami-Dade County Department of Regulatory and Economic Resources, a copy of which is attached hereto and made a part hereof. The issuance of this approval does not relieve the applicant from obtaining all applicable Federal, State, and local permits.

The foregoing resolution was offered by Commissioner **Raquel A. Regalado**, who moved its adoption. The motion was seconded by Commissioner **Oliver G. Gilbert, III** and upon being put to a vote, the vote was as follows:

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

The Chairperson thereupon declared this resolution duly passed and adopted this 20th day of July, 2021. 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: **Melissa Adames**
Deputy Clerk

Approved by County Attorney as
to form and legal sufficiency.

CJW

Christopher J. Wahl
Abbie Schwaderer-Raurell