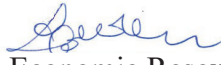


Memorandum



Date: October 5, 2021

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

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

Agenda Item No. 5(U)

Resolution No. R-877-21

Subject: Class I Permit Application by Miami-Dade County, through its Parks, Recreation and Open Spaces Department

Recommendation

I have reviewed the attached application for a Class I permit by Miami-Dade County, through its Parks, Recreation and Open Spaces Department 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 within Haulover Park located at 10800 Collins Avenue, unincorporated Miami-Dade County, Florida, in Commission District 4, which is represented by Commissioner Sally Heyman.

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 County-owned Haulover Park boat ramp to include the filling of 7,810 square feet of tidal waters and the filling of approximately 12,808 square feet of wetlands supporting halophytic (salt tolerant) vegetation in order to elevate and expand the associated parking lot. The proposed scope of work also includes the installation of a footer and riprap along the perimeter of the new ramp and the replacement of six fixed and floating piers to facilitate the loading and unloading of vessels launched at the facility. To be approved, this application must be reviewed and decided by the Board after a

public hearing because the filling of tidal waters and wetlands supporting halophytic vegetation are specifically referenced in Section 24-48.2 of the Code as work that shall be processed with a standard form application, including a public hearing.

The subject County-owned park is located adjacent to Biscayne Bay and contains a boat ramp and associated parking lot both of which consistently flood due to their low elevation. Furthermore, the existing paved parking lot is not adequately meeting the needs of the facility and as a result, a nearby unpaved area is being used for overflow parking. In order to address the flooding and to make the facility more functional and resilient the County is proposing to replace the boat ramp through the filling of tidal waters and to expand and elevate the existing parking lot which includes the filling of adjacent, isolated pockets of wetlands supporting halophytic vegetation including mangroves.

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. In order to accommodate the appropriate pitch and slope necessary for the new ramp, the substrate would need to be leveled through the filling of the existing boat ramp footprint. The proposed filling is the minimum necessary to maintain the ramp and access to 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 necessary for the creation and maintenance of marinas, piers, docks and attendant navigational channels.

In addition to the above proposed filling, the County is also proposing to replace six fixed and floating piers that would be used to facilitate the loading and unloading of vessels to be launched at the facility. Furthermore, in order to stabilize the toe of the new ramp the County is proposing to install a sheetpile footer and riprap around the perimeter of the new ramp. The proposed piers, footer, and placement of riprap are identified by the Code as work that can be processed administratively and are only coming before the Board because the proposed dredging and filling work is included in the subject application.

The proposed parking lot improvements would impact mangroves that have been designated by the Miami-Dade County Comprehensive Development Master Plan (CDMP) as part of a Mangrove Protection Area. Cutting, trimming, pruning or other alteration including dredging or filling of mangroves within a Mangrove Protection Area must be consistent with the criteria outlined in the Coastal Management Element of the CDMP. Furthermore, the project must also be consistent with the criteria outlined in the Conservation, Aquifer Recharge, and Drainage Element of the CDMP. As stated in the Project Report and in this memorandum the proposed work is water dependent and meets the applicable requirements of the CDMP.

The proposed work would improve public access to the boat ramp by providing a stable and resilient parking area that meets applicable Code requirements while also more efficiently managing the launching and retrieval of vessels at the facility. The majority of the expanded parking lot would be within the same footprint as the existing lot or within an unpaved area currently used for overflow parking that does not contain wetlands. In the areas where impacts to wetlands could not be avoided, the footprint of the expanded parking lot has been designed to only result in the filling of two isolated pockets of wetland adjacent to the existing parking areas that are not connected to the larger wetland system. Therefore, the proposed boat ramp and parking lot improvements are consistent with the

CDMP as the work is water dependent and is in a location where no reasonable upland alternative exists.

The proposed project has been evaluated for consistency with the Miami-Dade County Manatee Protection Plan. The project is not located within an area designated as essential habitat for the Florida manatee and the Miami-Dade County 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. In an effort to avoid and minimize impacts to benthic resources, the majority of the proposed ramp and piers would be installed within the footprint of the existing ramp and piers. Furthermore, no federally or State-designated threatened or endangered species of seagrasses or corals were documented within the footprint of the proposed ramp work and the submerged bottom does not provide significant habitat. The majority of the expanded parking lot would be within the same footprint as the existing or within an unpaved area currently used for overflow parking that does not contain wetlands. As discussed above, in the areas where impacts to wetlands could not be avoided, the footprint of the expanded parking lot has been designed to only result in the filling of two isolated pockets of wetlands adjacent to the existing parking areas that are not connected to the larger wetland system. In order to ensure that the remaining adjacent wetlands would not be impacted by the parking lot improvements or the use of the parking lot, the County proposes to install a concrete retaining wall between the parking area and the larger wetland system. No temporary impacts to wetlands are expected as a result of the proposed work.

Furthermore, the proposed work is not reasonably expected to result in cumulative environmental impacts to water quality. Currently, the existing unpaved overflow parking area does not contain any erosion controls or drainage features to prevent runoff in to the adjacent surface waters. The direct runoff associated with both the paved and unpaved parking areas would be eliminated through the installation of retaining walls along the edges of the newly constructed parking lot and the construction of a drainage system thereby eliminating direct water runoff. While the construction phase of the proposed project may result in temporary water quality impacts, 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 unavoidable temporary impacts to water quality associated with the filling of tidal waters would be satisfied through the placement of riprap. 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. To mitigate for otherwise permissible impacts to wetlands associated with the parking lot improvements, the County has proposed the purchase of saltwater mitigation bank credits from the Florida Power and Light Company’s Everglades Mitigation Bank (FPL EMB).

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

Based on the reasons herein and in the Project Report, DERM recommends approval for the filling of tidal waters and wetlands in association with improvements to the boat ramp and parking lot, and the installation of the piers, footer, and riprap.

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

Attachments

Attachment A: Class I Permit Application

Attachment B: Owner/Agent Letter, Engineer Letter and Project Sketches

Attachment C: DERM Project Report

Attachment A

Class I Permit Application



Class I Permit Application

FOR DEPARTMENTAL USE ONLY

Date Received:

Application Number:

Application Fee:

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

1. Applicant Information:

Name: Miami-Dade Co. Parks, Rec. & Open Spaces Dept

Address: 275 NW 2nd Street

Miami, FL Zip Code: 33128

Phone #: 305-755-7912

Fax#:

Email: Joe.Cornely@miamidade.gov

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

2. Applicant's Authorized Permit Agent:

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

Name: Karen D. Brandon, P.E.

Address: 2090 Palm Beach Lakes Blvd. Suite 600

West Palm Beach Zip Code: 33409

Phone #: Fax #: N/A

Email: karen.brandon@aecom.com 561-684-3375

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

Folio #(s): 30-2214-008-0010

Latitude: 25 55'00.88"N Longitude: 80 07'25.11" W

Street Address: 10800 Collins Avenue

Section: 14,23 Township: 52S Range: 42E

In City or Town: Miami-Dade County

Near City or Town: North Miami Beach

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 | | | | |

☒ Other: renovate boat ramp

Estimated project cost = \$ 2,794,071

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): Public Recreational

Vessel Make/Model (If known): Varies

Draft (s)(range in inches.): 12-36 Length (s)(range in feet.): 12- 40

Total Number of Slips: 12

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
FDEP - ERP,	USACE -NWP	TBD		N/A

8. Contractor Information (If known):

Name: N/A License # (County/State): _____
 Address: _____ Zip Code: _____
 Phone #: _____ Fax #: _____ E-mail: _____

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

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

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

A. IF APPLICANT IS AN INDIVIDUAL

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

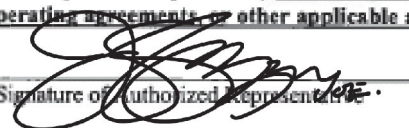
B. IF APPLICANT IS OTHER THAN AN INDIVIDUAL OR NATURAL PERSON

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

Miami-Dade Parks, Rec & Open Space County 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.*****

 Joe Cornely Asst. Director 3/24/2020
 Signature of Authorized Representative _____ Print Authorized Representative's Name _____ Title _____ Date _____

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

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

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

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

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

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

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 10800 Collins Avenue (Deed No. 30052) Miami-Dade
County, Florida, otherwise identified in the public records of Miami-Dade County as Folio No. 30-2214-008-0010.

I am aware and familiar with the contents of this application for a Miami-Dade County Class I Permit to perform the work on or adjacent to the subject property, as described in Section 4 of this application. I possess the riparian rights to the area of the proposed work (if applicable) and hereby consent to the work identified in this Class I Permit application.

A. IF THE OWNER(S) IS AN INDIVIDUAL

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

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

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

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

Miami-Dade County Parks, Rec. & Open Space County Florida

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

275 NW 2nd St., 4th floor, Miami, FL 33128

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.*****

 _____ Joe Cornely _____ Asst. Director _____
Signature of Authorized Representative _____ Print Authorized Representative's Name _____ Title _____ Date _____

_____ Asst. Director _____
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

Class I Permit Application Additional Signatures Page

(Please attach to Class I permit application)

Applicant Name: N/A

Owner Name: _____

Project Location: _____

Additional signatures for: ☐ Applicant
☐ Owner

1. IF THE APPLICANT/OWNER IS AN INDIVIDUAL

Signature of Applicant/Owner _____ Print Name of Applicant/Owner _____ Date _____

Signature of Applicant/Owner _____ Print Name of Applicant/Owner _____ Date _____

2. IF THE APPLICANT/OWNER IS OTHER THAN AN INDIVIDUAL OR NATURAL PERSON

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

N/A

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

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

Signature _____ Print Name _____ Title _____ Date _____

Signature _____ Print Name _____ Title _____ Date _____

Signature _____ Print Name _____ Title _____ Date _____

Signature _____ Print Name _____ Title _____ Date _____

Signature _____ Print Name _____ Title _____ Date _____

Signature _____ Print Name _____ Title _____ Date _____

Signature _____ Print Name _____ Title _____ Date _____

Signature _____ Print Name _____ Title _____ Date _____

Signature _____ Print Name _____ Title _____ Date _____

Attachment B

Owner/Agent Letter, Engineer Letter and Project Sketch

PERMIT APPLICANT / AUTHORIZED AGENT STATEMENT

March 10, 2021

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

Re: Class I Standard Form Permit Application Number CLI-2020-0149

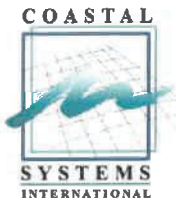
By the attached Class I Standard Form permit application with supporting documents, I, Karen Brandon, am the authorized permit agent and hereby request permission to perform the work associated with Class I Permit Application CLI-2020-0149. I understand that a Miami-Dade County Class I Standard Form 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,



Karen D. Brandon, PE
Associate Vice President



COASTAL SYSTEMS INTERNATIONAL, INC.
464 South Dixie Highway • Coral Gables, Florida 33146
Tel: 305-661-3655 • Fax: 305-661-1914
www.coastalsystemsint.com

March 18, 2021

ENGINEER LETTER OF CERTIFICATION

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

RE: Class I Permit Application Number CLI-2020-0149

Ladies and Gentlemen:

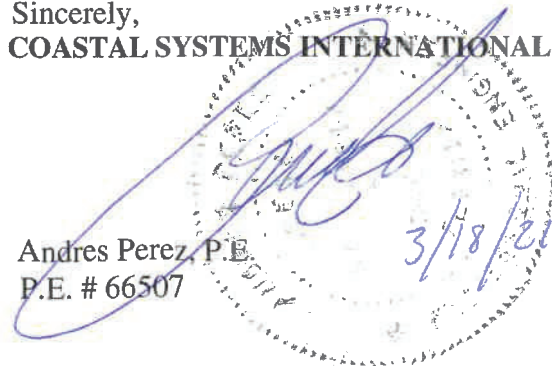
This letter will certify that I am an engineer licensed in the State of Florida, qualified by education and experience in the area of engineering design and inspection, and that to the best of my knowledge and belief, the proposed work does not violate any laws, rules, or regulations of the State of 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,
COASTAL SYSTEMS INTERNATIONAL, INC.

Andres Perez, P.E.
P.E. # 66507



HAULOVER PARK BOAT RAMP CONSTRUCTION PLANS

10800 Collins Avenue, Miami, FL
MIAMI - DADE COUNTY, FLORIDA
PROS PROJECT NUMBER 222302-17-005
AUGUST 2020



Honorable Carlos A. Gimenez

Mayor

BOARD OF COUNTY COMMISSIONERS

Honorable Audrey M. Edmonson, Chairwoman

District 3

Rebecca Sosa, Vice-Chairwoman

District 6

Honorable Barbara J. Jordan

District 1

Honorable Jean Moneslime

District 2

Honorable Sally A. Heyman

District 4

Honorable Eileen Higgins

District 5

Honorable Xavier L. Suarez

District 7

Honorable Daniel Levine

District 8

Honorable Dennis C. Moss

District 9

Honorable Javier D. Souto

District 10

Honorable Joe A. Martinez

District 11

Honorable José "Pepe" Diaz

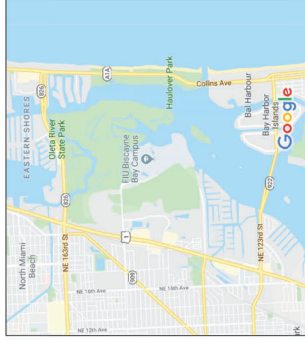
District 12

Harvey Rubin
Clerk of Courts
Pedro J. Garcia
Property Appraiser
Abigail Price-Williams
County Attorney

MIAMI-DADE COUNTY provides equal access and equal opportunity in employment and services and does not discriminate on the basis of disability.

PARKS, RECREATION AND OPEN SPACES

Maria I. Nardi, Director



LOCATION MAP SCALE: N.T.S.

AECOM

GENERAL
CONSULTING SERVICES, INC.
1001 P.O. BOX 1000
MIAMI, FL 33101
PHONE: 305-440-0000



SRS
STRUCTURAL
CONSULTING SERVICES, INC.
1001 P.O. BOX 1000
MIAMI, FL 33101
PHONE: 305-440-0000

STRUCTURAL
CONSULTING SERVICES, INC.
1001 P.O. BOX 1000
MIAMI, FL 33101
PHONE: 305-440-0000

GEOTECHNICAL
CONSULTING SERVICES, INC.
1001 P.O. BOX 1000
MIAMI, FL 33101
PHONE: 305-440-0000

MIAMI-DADE COUNTY
1001 P.O. BOX 1000
MIAMI, FL 33101
PHONE: 305-440-0000

INDEX OF DRAWINGS	
DRAWING NAME	SHEET NUMBER
COVER	1
GENERAL NOTES	2
GENERAL NOTES	3
GENERAL NOTES	4
EXISTING BOAT RAMP CONDITIONS	5
PROPOSED BOAT RAMP PLAN	6
PROPOSED BOAT RAMP PLAN	7
PROPOSED BOAT RAMP PLAN	8
PROPOSED BOAT RAMP PLAN	9
PROPOSED BOAT RAMP PLAN	10
PROPOSED BOAT RAMP PLAN	11
PROPOSED BOAT RAMP PLAN	12
PROPOSED BOAT RAMP PLAN	13
PROPOSED BOAT RAMP PLAN	14
PROPOSED BOAT RAMP PLAN	15
PROPOSED BOAT RAMP PLAN	16
PROPOSED BOAT RAMP PLAN	17
PROPOSED BOAT RAMP PLAN	18
PROPOSED BOAT RAMP PLAN	19
PROPOSED BOAT RAMP PLAN	20
PROPOSED BOAT RAMP PLAN	21
PROPOSED BOAT RAMP PLAN	22
PROPOSED BOAT RAMP PLAN	23
PROPOSED BOAT RAMP PLAN	24
PROPOSED BOAT RAMP PLAN	25
PROPOSED BOAT RAMP PLAN	26
PROPOSED BOAT RAMP PLAN	27
PROPOSED BOAT RAMP PLAN	28
PROPOSED BOAT RAMP PLAN	29
PROPOSED BOAT RAMP PLAN	30
PROPOSED BOAT RAMP PLAN	31
PROPOSED BOAT RAMP PLAN	32
PROPOSED BOAT RAMP PLAN	33
PROPOSED BOAT RAMP PLAN	34
PROPOSED BOAT RAMP PLAN	35
PROPOSED BOAT RAMP PLAN	36
PROPOSED BOAT RAMP PLAN	37
PROPOSED BOAT RAMP PLAN	38
PROPOSED BOAT RAMP PLAN	39
PROPOSED BOAT RAMP PLAN	40
PROPOSED BOAT RAMP PLAN	41
PROPOSED BOAT RAMP PLAN	42
PROPOSED BOAT RAMP PLAN	43
PROPOSED BOAT RAMP PLAN	44
PROPOSED BOAT RAMP PLAN	45
PROPOSED BOAT RAMP PLAN	46
PROPOSED BOAT RAMP PLAN	47
PROPOSED BOAT RAMP PLAN	48
PROPOSED BOAT RAMP PLAN	49
PROPOSED BOAT RAMP PLAN	50
PROPOSED BOAT RAMP PLAN	51
PROPOSED BOAT RAMP PLAN	52
PROPOSED BOAT RAMP PLAN	53
PROPOSED BOAT RAMP PLAN	54
PROPOSED BOAT RAMP PLAN	55
PROPOSED BOAT RAMP PLAN	56
PROPOSED BOAT RAMP PLAN	57
PROPOSED BOAT RAMP PLAN	58
PROPOSED BOAT RAMP PLAN	59
PROPOSED BOAT RAMP PLAN	60
PROPOSED BOAT RAMP PLAN	61
PROPOSED BOAT RAMP PLAN	62
PROPOSED BOAT RAMP PLAN	63
PROPOSED BOAT RAMP PLAN	64
PROPOSED BOAT RAMP PLAN	65
PROPOSED BOAT RAMP PLAN	66
PROPOSED BOAT RAMP PLAN	67
PROPOSED BOAT RAMP PLAN	68
PROPOSED BOAT RAMP PLAN	69
PROPOSED BOAT RAMP PLAN	70
PROPOSED BOAT RAMP PLAN	71

MIAMI-DADE COUNTY
Parks, Recreation and Open Spaces Department

ADA REVIEW

Per Miami-Dade County Administrative Order No. 10-10:

"These construction documents are compliant with the ADA Accessibility Guidelines (ADAAG) and Uniform Federal Accessibility Standards (UFAS) where applicable."

QUALIFIER SIGNATURE
DATE

DATE

PARKS, RECREATION AND OPEN SPACES

Department Director

Assistant Director of Planning, Design and Construction Excellence

Assistant Director of Operations Management Division

Chief Design and Construction Excellence

5

4

3

2

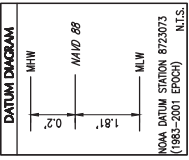
1

INSTALLATION OF GEOTEXTILE AND RIPRAP:

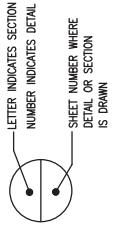
1. INSTALL GEOTEXTILE AS INDICATED ON THE DRAWINGS AND IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
2. CONSULTANT SHALL STATE LIMITS OF SEAGRASS, IF APPLICABLE, PRIOR TO PLACEMENT OF RIPRAP IN ACCORDANCE WITH ENVIRONMENTAL PERMIT CONDITIONS.
3. PLACE GEOTEXTILE ON A SMOOTH GRADED SURFACE APPROVED BY THE OWNER. PLACE GEOTEXTILE IN IMMEDIATE CONTACT WITH THE PREPARED SLOPE SUCH THAT THERE ARE NO VOIDS AND IN SUCH A MANNER THAT IT WILL NOT BE EXCESSIVELY STRETCHED OR TORN UPON PLACEMENT OF OVERLYING MATERIALS.
4. ANCHOR THE GEOTEXTILE USING ANCHOR PINS RECOMMENDED BY THE MANUFACTURER.
5. JOIN GEOTEXTILE SHEETS BY OVERLAPPING A MINIMUM OF 3 FEET.
6. PLACE EACH TYPE OF RIPRAP IN THE LOCATIONS AND TO THE ELEVATIONS, THICKNESS, AND DETAILS INDICATED 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.
7. BEGIN PLACEMENT OF RIPRAP AT THE TOE OF THE SLOPE AND CONTINUE PLACEMENT WORKING UP THE SLOPE. PLACE THE ROCK IN SUCH A MANNER AS TO CREATE FIRM BEDDING AND INTERLOCKING OF INDIVIDUAL PIECES TO PREVENT SLIDING. SLOPE SURFACING SHALL BE DONE IN SUCH A MANNER AS TO PREVENT EROSION, AND TO PROVIDE SATISFACTION OF THE OWNER. REMOVE AND REPLACE THE PORTION OF ANY LAYER IN WHICH MATERIAL BECOMES SEGREGATED DURING SPREADING.
8. DO NOT DROP THE ROCK WHEN PLACING OVER GEOTEXTILE.

SUBMITTALS

1. CONTRACTOR TO SUBMIT MATERIAL CUT SHEETS, SHOP DRAWINGS OR SPECIFICATIONS OF THE FOLLOWING ITEMS FOR ENGINEER'S APPROVAL, PRIOR TO PROCUREMENT OR INSTALLATION:
 - A. SCHEDULE FOR COMPLETION OF WORK
 - B. CONCRETE SLABS
 - C. RAMP COMPONENTS
 - D. CONCRETE MIX DESIGN FOR CAST IN PLACE CONCRETE
 - E. CONCRETE MIX DESIGN FOR PRECAST CONCRETE
 - F. CURING COMPOUND
 - G. REINFORCING STEEL
 - H. PILE DRIVING MEANS AND METHODS
 - I. ANCHOR PINS AND FASTENERS
 - J. REBAR SUPPORT CHAIRS
 - K. TIES
 - L. CONCRETE FLOATING DOCKS
 - M. ALUMINUM GANGWAYS
 - N. ALUMINUM ANCHORS
 - O. STEEL BENT PLATE
 - P. BIVALVE GEOTEXT



SECTION DETAIL LABEL



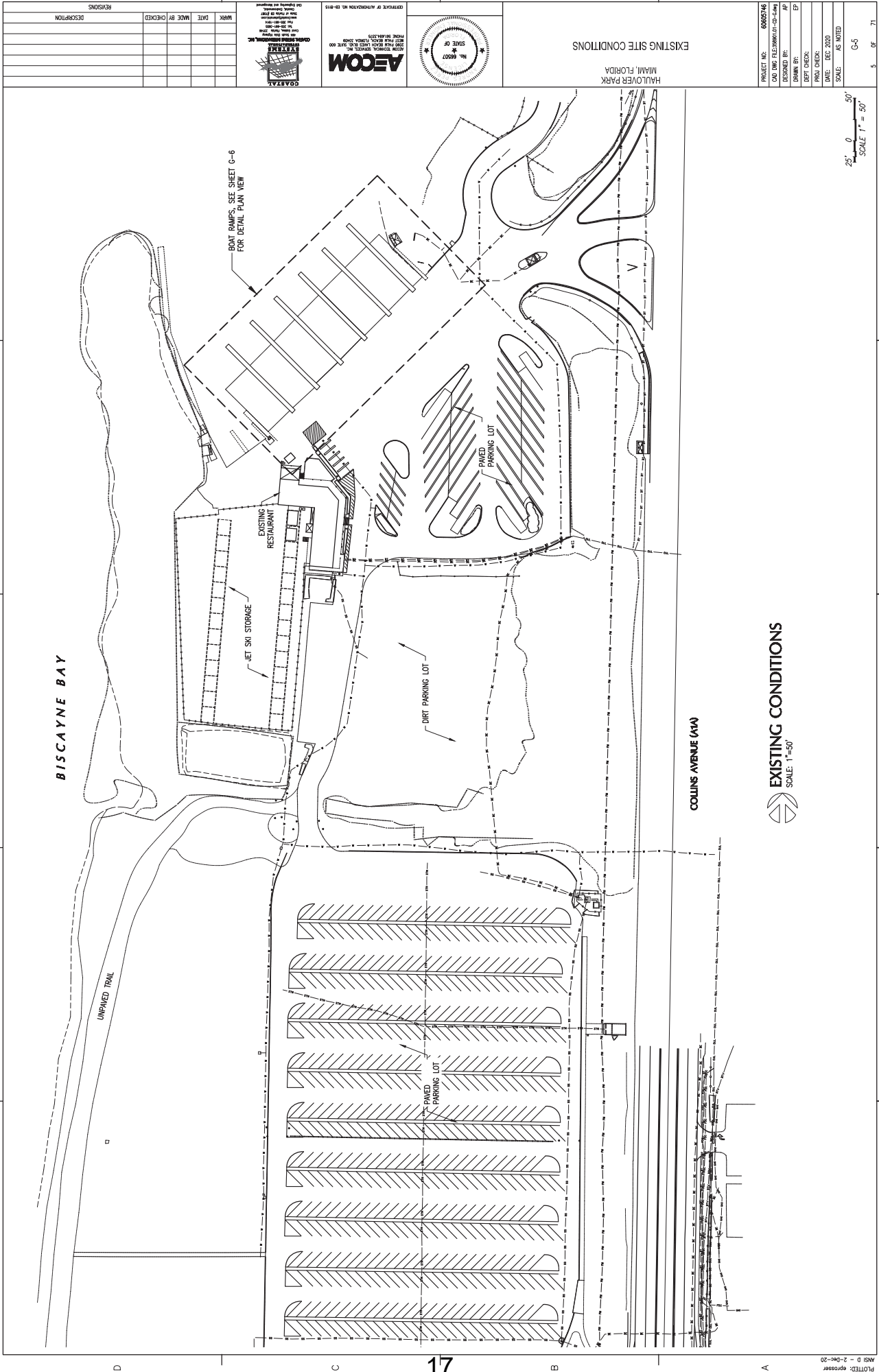
ABBREVIATIONS

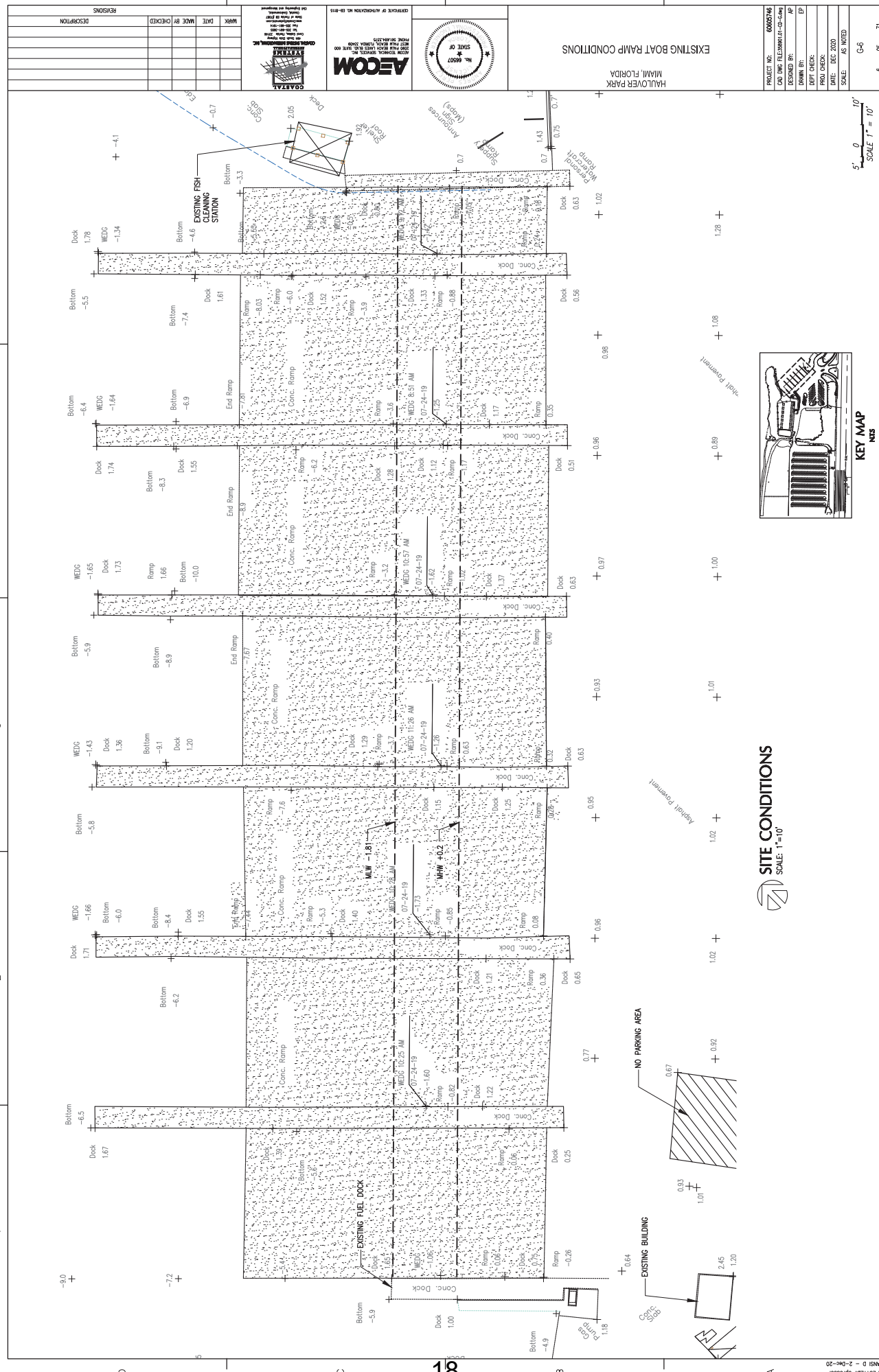
- ALUM. _____ ALUMINUM
B. _____ BOTTOM
APPROX. _____ APPROXIMATE
C.P. _____ COMPLETE JOINT PENETRATION
C.J. _____ CONTROL JOINT
C.L. _____ CENTER LINE
CLR. _____ CLEAR
CONC. _____ CONCRETE
CONT. _____ CONTINUOUS
CTD _____ CENTERED
DIA./Ø _____ DIAMETER
E.A. _____ EACH
E.F. _____ EACH FACE
E.J. _____ EXPANSION JOINT
EOR _____ ENGINEER OF RECORD
ELEV. _____ ELEVATION
EW _____ EACH WAY
EXIST./EX. _____ EXISTING
GALV. _____ GALVANIZED
HOB. _____ HOT DIPPED GALVANIZED
HKS. _____ HOOKS
I.L. _____ ISOLATION JOINT
J. _____ JOINT
MIN. _____ MINIMUM
MLW _____ MEAN LOW WATER
MLW _____ MEAN HIGH WATER
NAVD _____ NAT'L AMERICAN VERTICAL DATUM
NGVD _____ NAT'L GEODETIC VERTICAL DATUM
Ø _____ OVERALL
O.C. _____ ON CENTER
P.E. _____ PROFESSIONAL ENGINEER
PSF _____ POUNDS PER SQUARE FOOT
PSI _____ POUNDS PER SQUARE INCH
SS _____ STAINLESS STEEL
T _____ TOP
T&B _____ TOP & BOTTOM
TYP. _____ TYPICAL
U.N.O. _____ UNLESS NOTED OTHERWISE
VERT. _____ VERTICAL

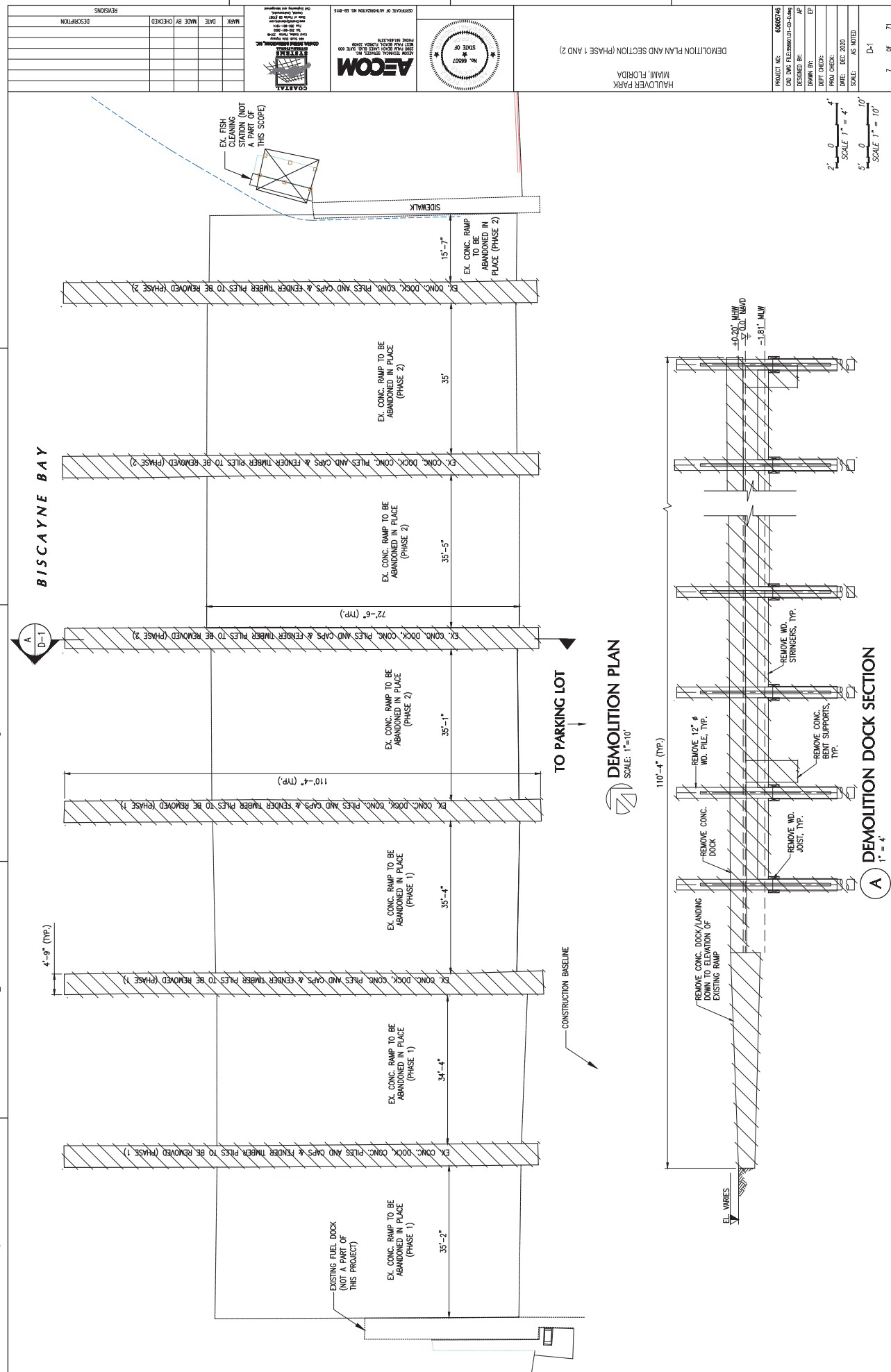
HAULOVER PARK
MIAMI, FLORIDA
GENERAL NOTES

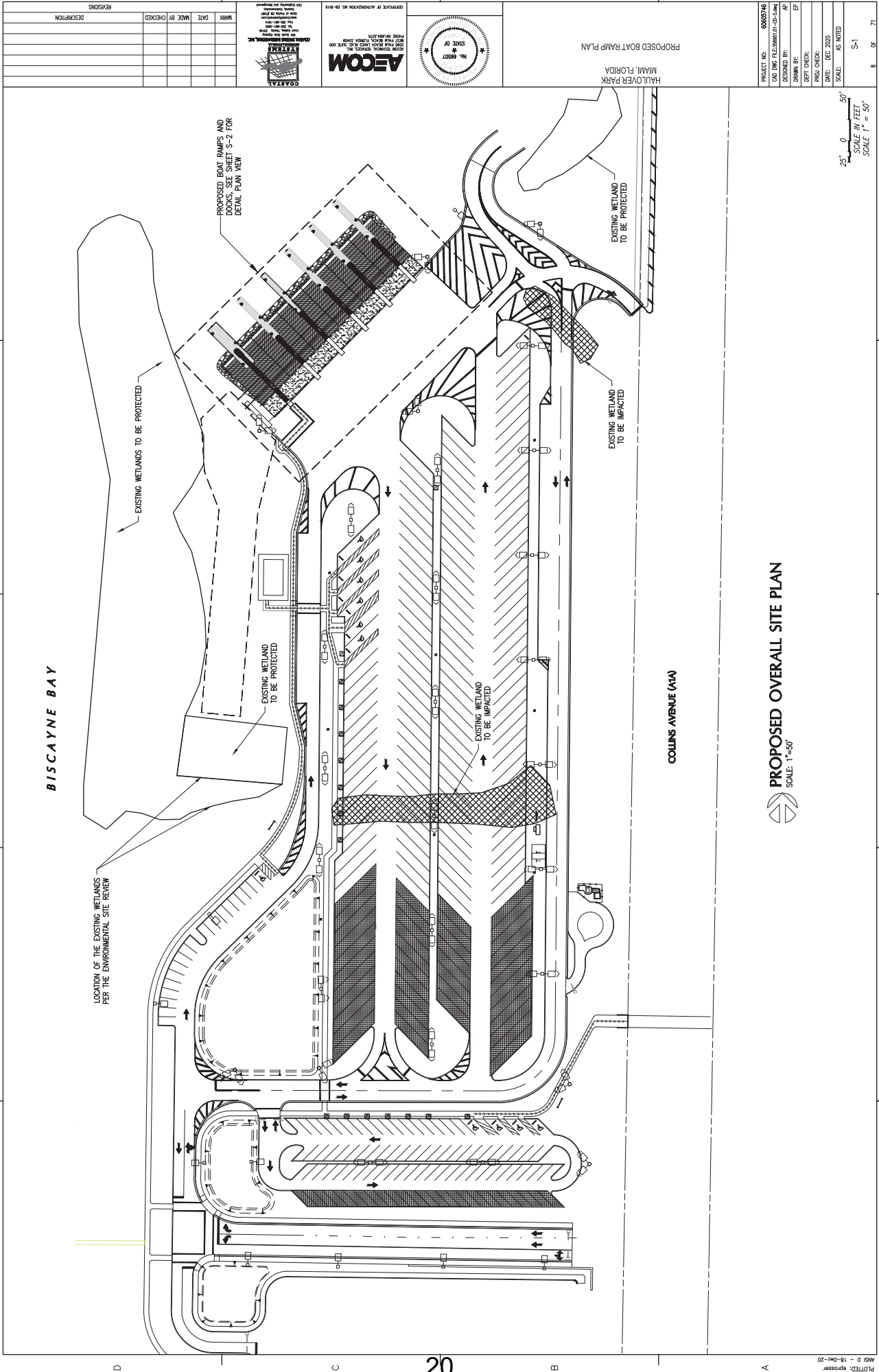


REVISIONS	DATE	BY	CHKD	DESC









BISCAYNE BAY

COLLINS AVENUE (VA)

LOCATION OF THE EXISTING WETLANDS
PER THE ENVIRONMENTAL SITE REVIEW

PROPOSED BOAT RAMPS AND
DOCKS. SEE SHEET S-2 FOR
DETAIL PLAN VIEW

EXISTING WETLAND
TO BE PROTECTED

EXISTING WETLAND
TO BE IMPACTED

EXISTING WETLAND
TO BE PROTECTED

HAULOVER PARK
MIAMI, FLORIDA

PROPOSED BOAT RAMP PLAN



AECOM

CERTIFICATE OF AUTHORIZATION NO. 19-0115

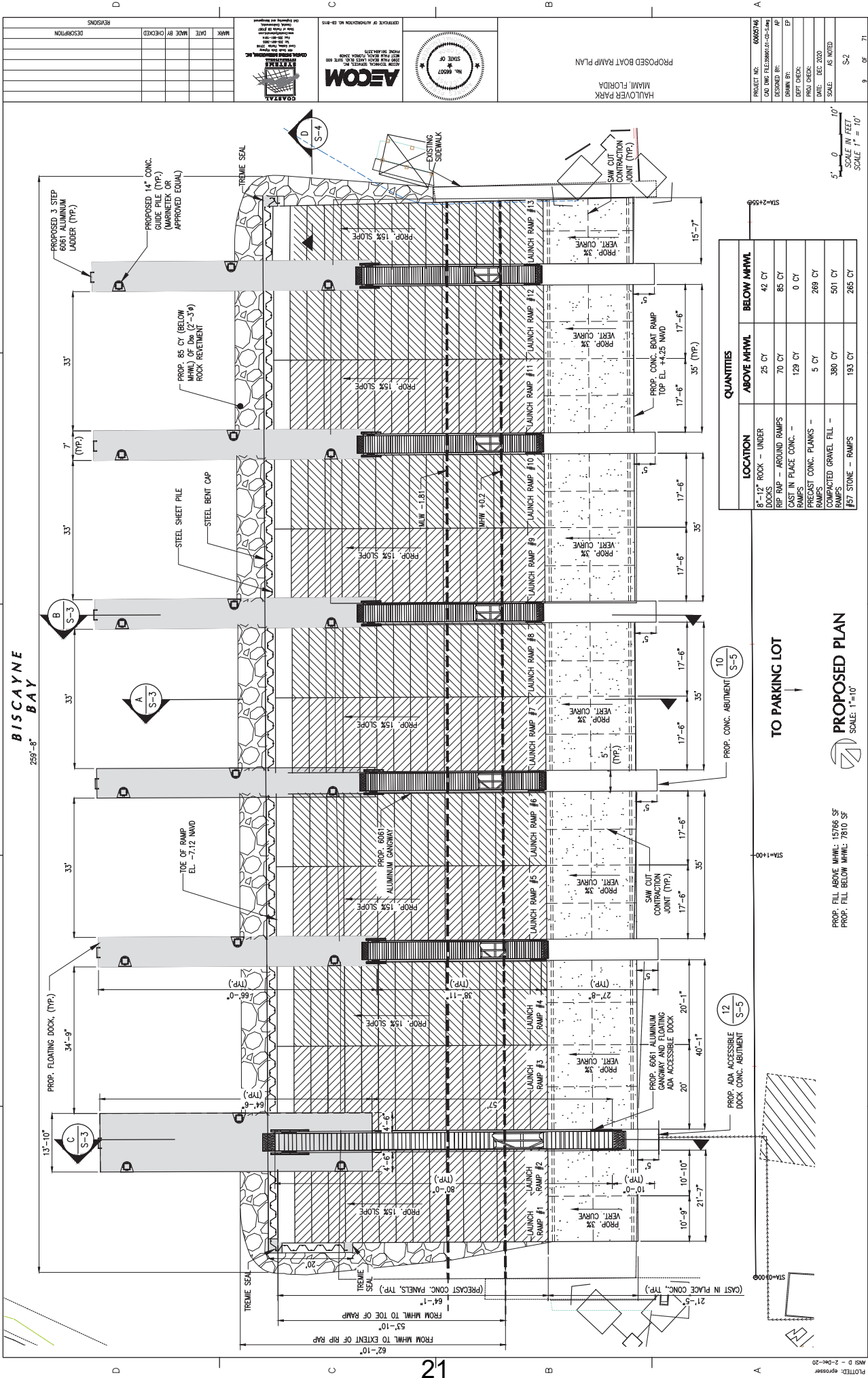


REVISIONS	DATE	MADE BY	CHECKED BY	DESCRIPTION

PROPOSED OVERALL SITE PLAN
SCALE: 1"=50'

25' 0 50'
SCALE IN FEET
SCALE 1" = 50'

S-1



PROJECT NO: 60002146
CADD FILE: TEL-2000-01-01-01.dwg
DESIGNED BY: AP
DRAWN BY: EP
DEPT CHECK: [blank]
PROJ CHECK: [blank]
DATE: DEC 2020
SCALE: AS NOTED

HAULOVER PARK
MIAMI, FLORIDA
PROPOSED BOAT RAMP PLAN

STATE OF FLORIDA
SOUTH FLORIDA
COUNTY OF DADE
CITY OF MIAMI

DESIGNER OF RECORD: AECOM
AECOM TECHNICAL SERVICES, INC.
2000 BAYVIEW BLVD., SUITE 200
MIAMI, FL 33139
TEL: 305.575.1000
FAX: 305.575.1001
WWW.AECOM.COM

REVISIONS

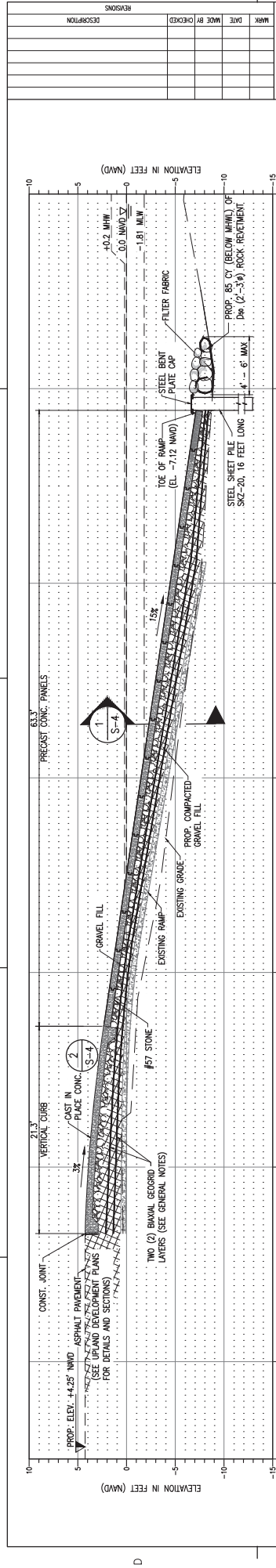
NO.	DATE	BY	CHKD	DESCRIPTION

QUANTITIES		LOCATION	ABOVE MHWL	BELOW MHWL
		8'-12" ROCK - UNDER DOCKS	25 CY	42 CY
		RIP RAP - AROUND RAMPS	70 CY	85 CY
		CAST IN PLACE CONC. - RAMPS	128 CY	0 CY
		PRECAST CONC. PLANKS - RAMPS	5 CY	269 CY
		COMPACTED GRAVEL FILL - RAMPS	380 CY	501 CY
		5% STONE - RAMPS	193 CY	285 CY

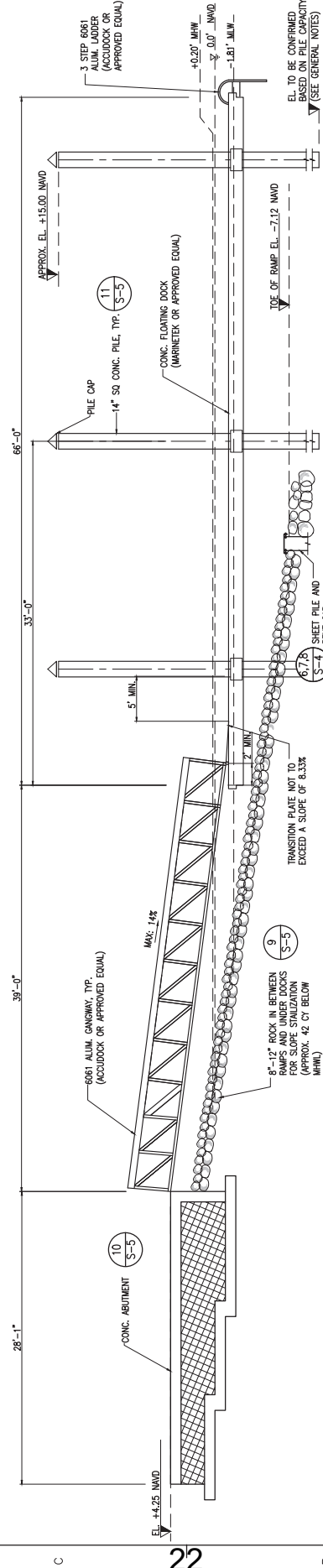
TO PARKING LOT

PROPOSED PLAN
SCALE: 1"=10'

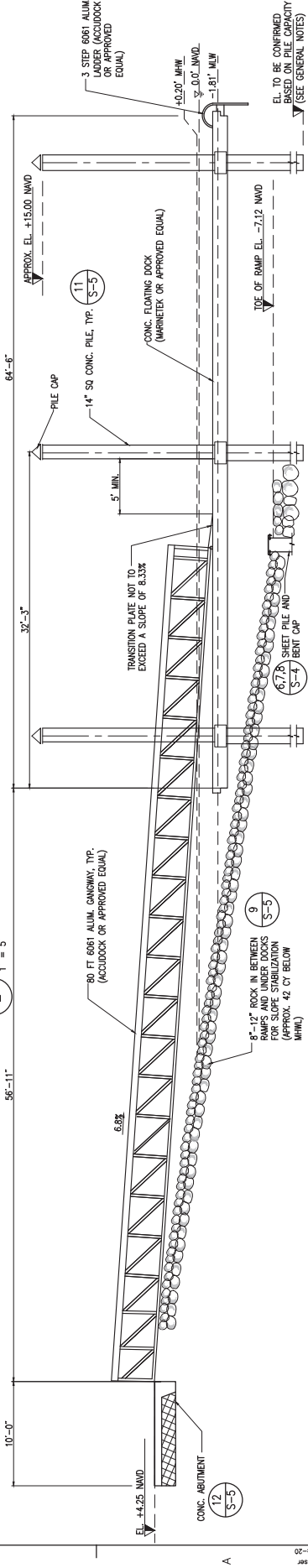
PROP. FILL ABOVE MHWL: 15765 SF
PROP. FILL BELOW MHWL: 7810 SF



A PROPOSED RAMP SECTION
SCALE: 1" = 5'

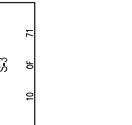
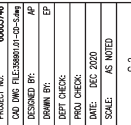
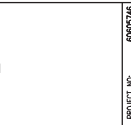
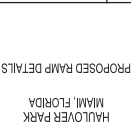
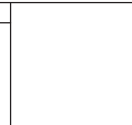
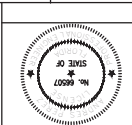


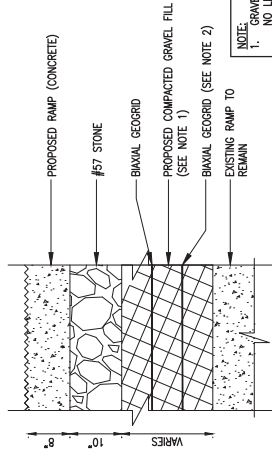
B PROPOSED FLOATING DOCK SECTION
SCALE: 1" = 5'



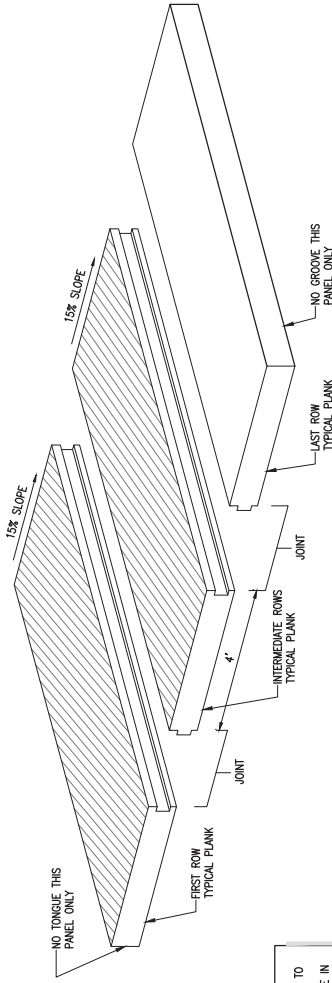
C PROPOSED FLOATING DOCK ADA ACCESSIBLE DOCK
SCALE: 1" = 5'

REVISIONS	DATE	BY	CHKD	DESCRIPTION

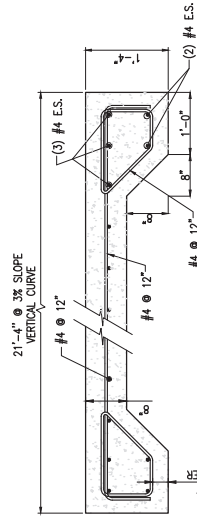




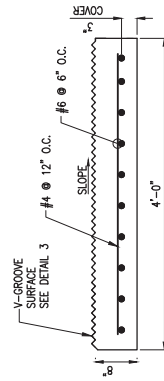
1 FILL DETAIL
SCALE: N.T.S.



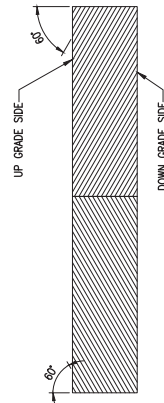
5 BOAT RAMP PRECAST CONCRETE PANEL ISOMETRIC VIEW, TYP.
SCALE: N.T.S.



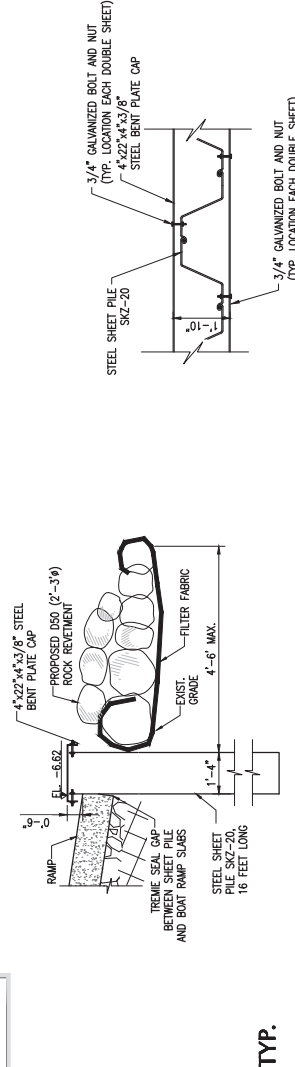
2 BOAT RAMP CAST IN PLACE CONC. SECTION, TYP.
SCALE: 1"=1'



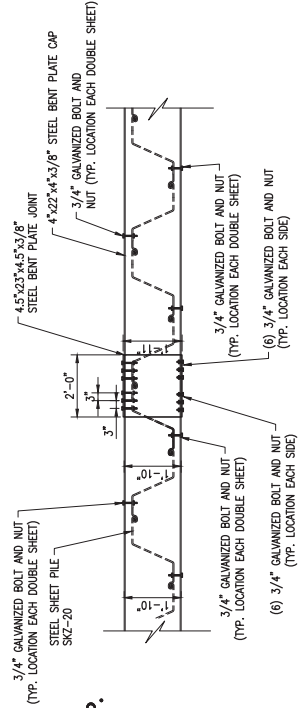
3 BOAT RAMP PRECAST PANEL SECTION, TYP.
SCALE: N.T.S.



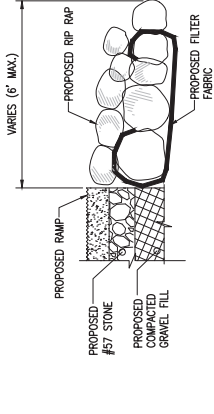
4 V-GROOVE FINISH ON BOAT RAMP PLANKS



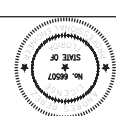
6 TOE OF RAMP DETAIL
SCALE: 1"=2'



8 STEEL BENT PLATE CAP DETAIL, TYP.
SCALE: 1"=2'



D RIP RAP ON SIDES OF RAMPS
SCALE: N.T.S.

HAULOVER PARK
MIAMI, FLORIDA
PROPOSED RAMP DETAILS

PROJECT NO:	60605746
CAD DWG FILE:	350901.01-CD-5.dwg
DESIGNED BY:	AP
DRAWN BY:	EP
DEPT CHECK:	
PROJ CHECK:	
DATE:	DEC 2020
SCALE:	AS NOTED

S-4

11 OF 71





1 TYPICAL CURTAIN ELEVATION
SCALE: N.T.S.

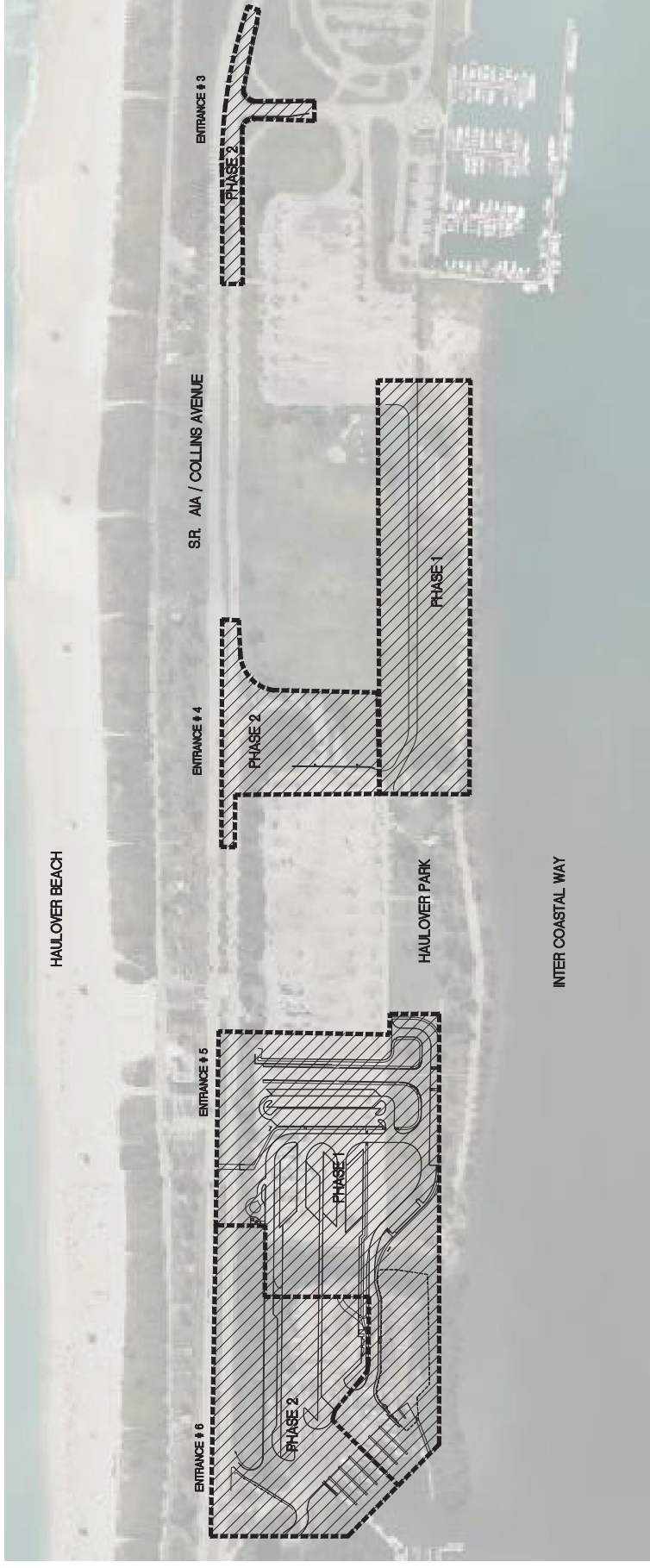
- TURBIDITY CURTAIN NOTES:**
- CONTRACTOR SHALL SUBMIT TURBIDITY CONTROL PLAN TO EDR FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION IN ACCORDANCE WITH REGULATORY PERMITS.
- TURBIDITY SHALL BE MONITORED AS OUTLINED IN THE REGULATORY PERMITS AND CONSTRUCTION DRAWINGS.
- CONTRACTOR SHALL DEPLOY TURBIDITY CURTAINS AS SHOWN WITHIN THE PROJECT PERMITS AND CONTROL SYSTEMS. TURBIDITY CURTAINS SHALL BE DEPLOYED IN A MANNER NOT TO ENTAINGLE OR HARM MANEUVES.
- TURBIDITY CURTAINS SHALL NOT BE RELOCATED/REMOVED FROM WORK AREA UNTIL TURBIDITY LEVELS WITHIN THE ENCLOSED AREA RETURN TO BACKGROUND LEVELS OUTSIDE THE CURTAINS.
- TURBIDITY CURTAINS SHALL BE SECURED WITH TEMPORARY STEEL OR TIMBER PILING(S) AT SUFFICIENT SPACING TO MAINTAIN CONTROL/FUNCTION. A WEIGHT SYSTEM CAN ALSO BE UTILIZED IF PRACTICAL.
- CONTRACTOR CAN DEPLOY TURBIDITY CURTAIN IN PHASES BASED ON ESTIMATED PRODUCTION SCHEDULES.
- TURBIDITY CURTAINS SHALL BE OF SUFFICIENT LENGTH TO CONTROL TURBIDITY.



2) TURBIDITY CURTAIN DETAIL
SCALE: N.T.S.

AECOM
AECOM TECHNICAL SERVICES, INC.
2500 PINE BLANCH LANE, SUITE 600
FARMINGTON, CT 06030-3375
TELEPHONE 860.644.3375
FAX 860.644.3375
CERTIFICATE OF AUTHORIZATION NO. 02-0115

[illegible]



SCALE: N.T.8.



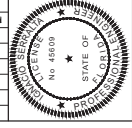
This item has been digitally signed and sealed by IGNACIO SERRALTA, P.E. on the date adjacent to the seal.

KEY PLAN

CIVIL

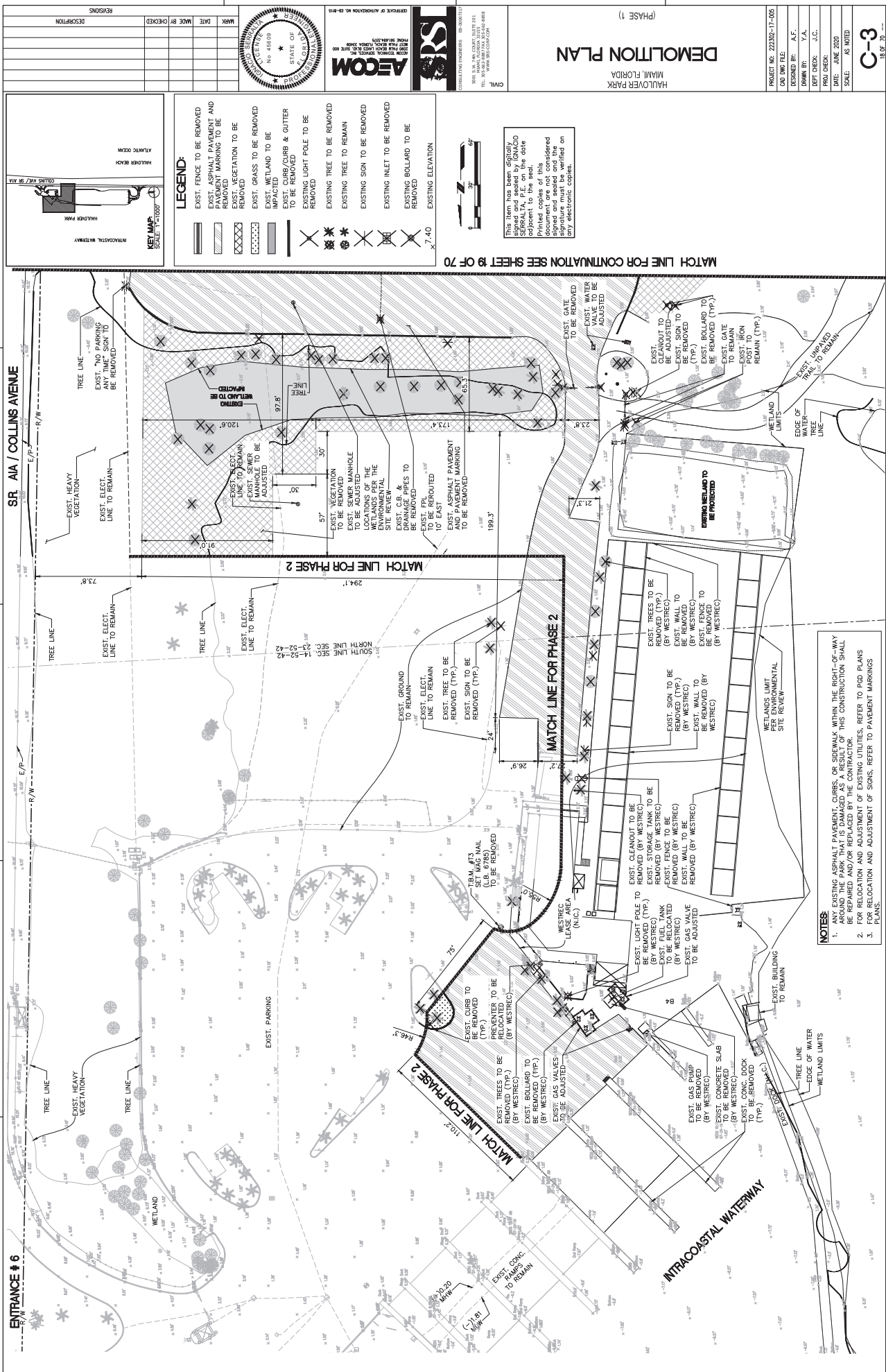
© 2004 Blackwell Publishing Ltd *Journal of Internal Medicine* 255: 105–112

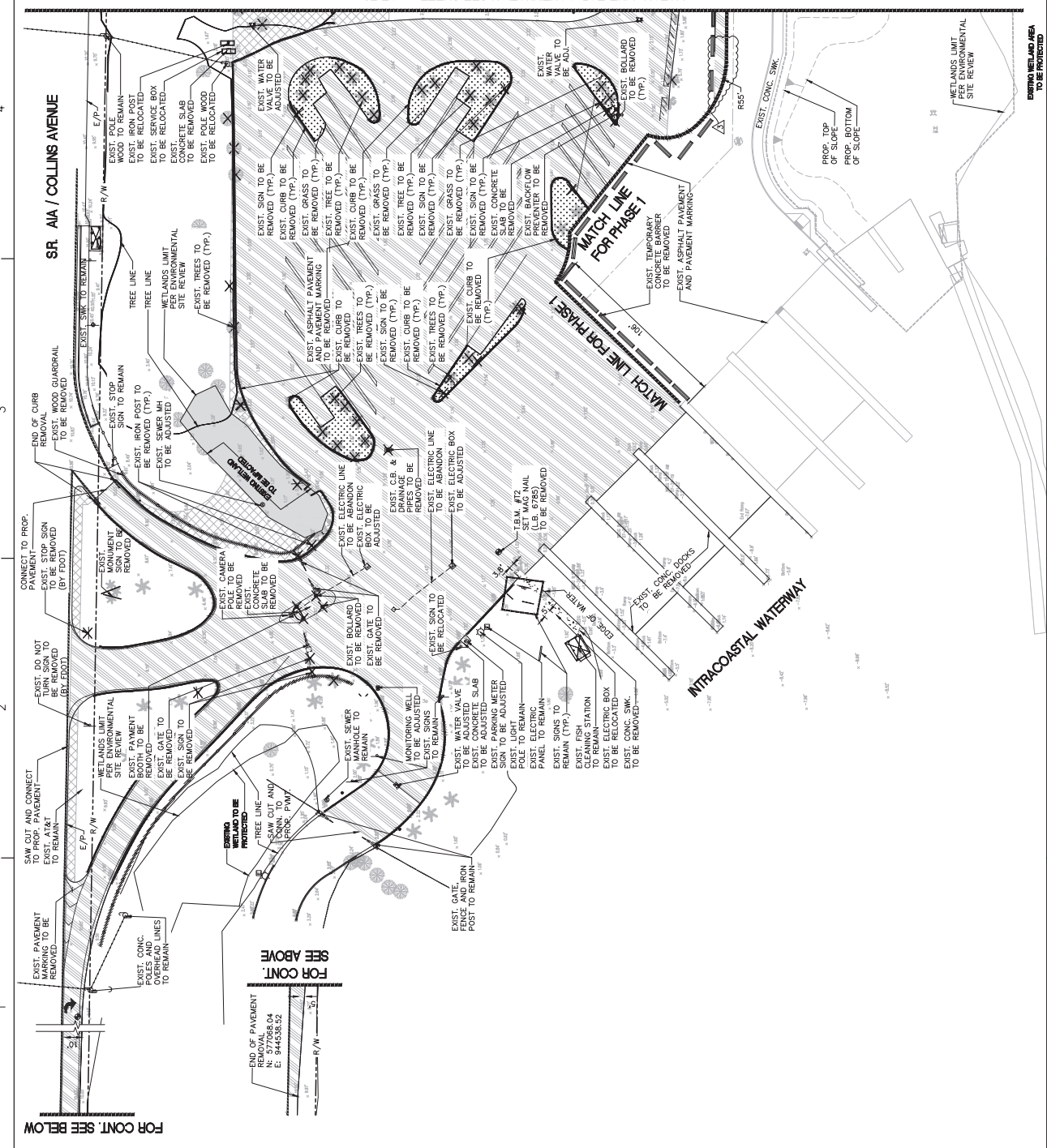
AECOM
AECOM TECHNICAL SERVICES, INC.
2090 PALM BEACH BLVD., SUITE 600
PALM BEACH, FLORIDA 33409
PHONE 561.834.3375
FACSIMILE 561.834.3375
CERTIFICATE OF AUTHORIZATION NO. EB-0115

[illegible]

C-2
17 OF 70 --

5





REVISIONS

NO.	DATE	BY	CHKD	DESCRIPTION
1	9/27/20	R.D.	A.F.	

STATE OF FLORIDA

NO. 45809

SEAL

AECOM

CONSULTING ENGINEERS

1000 N. W. 10th Avenue, Suite 2000

Fort Lauderdale, FL 33311

TEL: 305.460.8800 FAX: 305.460.8808

WWW.AECOM.COM

CIVIL

HAULOVER PARK

MIAMI, FLORIDA

DEMOLITION PLAN

(PHASE 2)

PROJECT NO: 22202-17-005

DATE: 11/19/20

DESIGNED BY: A.F.

DRAWN BY: Y.A.

DEPT. CHECK: J.C.

PROJ. CHECK: J.C.

DATE: JUNE 2020

SCALE: AS NOTED

C-6

21 OF 70

KEY MAP

SHEET 15-0000

LEGEND:

EXIST. ASPHALT PAVEMENT AND PAVEMENT MARKING TO BE REMOVED

EXIST. VEGETATION TO BE REMOVED

EXIST. GRASS TO BE REMOVED

EXIST. WETLAND TO BE IMPACTED

EXIST. CURB/CURB & GUTTER TO BE REMOVED

EXISTING LIGHT POLE TO BE REMOVED

EXISTING TREE TO BE REMOVED

EXISTING SIGN TO BE REMOVED

EXISTING INLET TO BE REMOVED

EXISTING BOLLARD TO BE REMOVED

EXISTING ELEVATION

NOTES:

1. ANY EXISTING ASPHALT PAVEMENT, CURBS, OR SIGNAGE SHALL BE DAMAGED AS A RESULT OF THIS CONSTRUCTION. SHALL BE REPAIRED AND/OR REPLACED BY THE CONTRACTOR.

2. ALL UTILITIES SHALL BE LOCATED AND DEPTH OF EXISTING UTILITIES, REFER TO P&ID PLANS.

3. FOR RELOCATION AND ADJUSTMENT OF SIGNS, REFER TO P&ID PLANS.

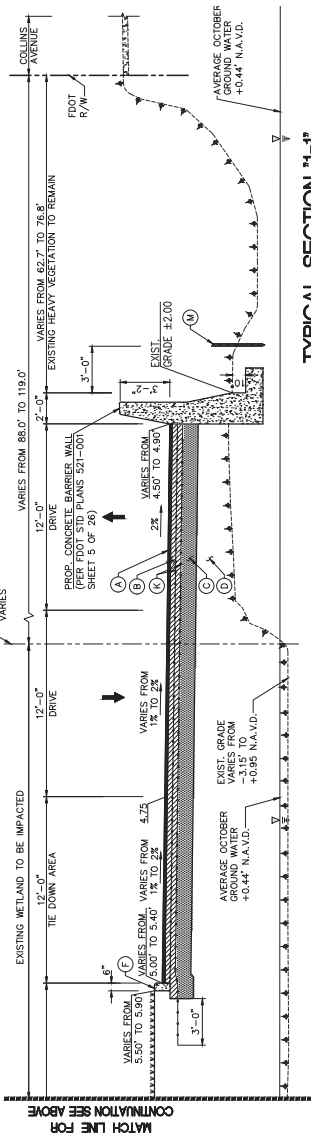
4. TEMPORARY CONCRETE BARRIER SHALL BE REMOVED WHEN CONSTRUCTION OF PHASE 2 IS COMPLETED.

This item has been digitally signed and applied by JGMC00 on 11/19/2020 at 11:07:17 AM. Printed copies of this document are not considered valid. The digital signature must be verified on any electronic copies.

9' 30' 60'

0' 30' 60'

5 4 3 2 1

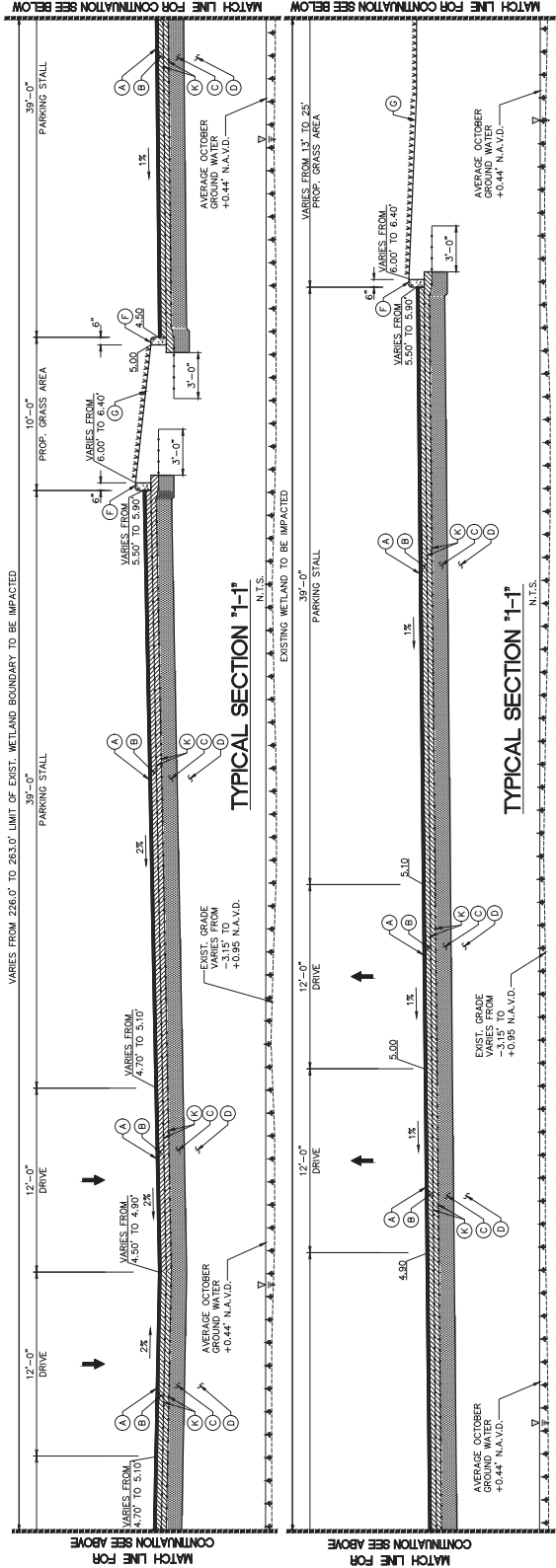


NOTES:

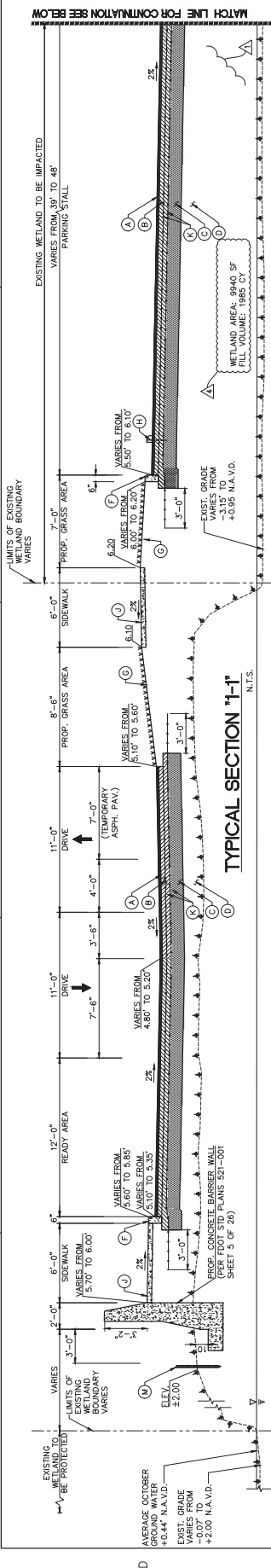
1. PRIOR TO STRUCTURAL REFER TO NOTES

LEGEND:	
A	2" 9-43 ASPHALTIC CONCRETE PAVEMENT
B	6" UBERLOCK BASE COURSE COMPACTED TO MIN. 98% (MODIFIED PROCT) MIN. 138-160 PER ASPHTO 1-180 (MODIFIED PROCT) MIN. 138-160 COMPACTED TO MIN. 98% MIN. 138-160 PER ASPHTO 1-180
C	COMPACTED FILL PER STANDARD PLAN INDEX 120-001. COMPACTED FILL SHALL BE CONSTRUCTED IN ACCORDANCE OF THE LATEST EROSION CONTROL AND DRAINAGE SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
D	PROP. 6" CONC. CURB TYPE "D"
E	PROP. 500
F	PROP. CONC. PRECAST WHEEL STOP
G	PROP. 4" CONC. SIDEWALK
H	PROP. GEOSYNTHETIC MATERIAL SUCH AS (TENSAR BK-1200) OVERLAP OF THREE FEET AND TO EXTEND THREE FEET BEYOND THE HORIZONTAL LIMITS OF THE PAVED AREAS
I	PROP. TEMPORARY EROSION CONTROL BARRIER PER DETAIL ON SHEET 55 OF 70

ENTIRE PAGE 453



This item has been digitally signed and sealed by IGNACIO SERRALTA, P.E. on the date adjacent to the seal.



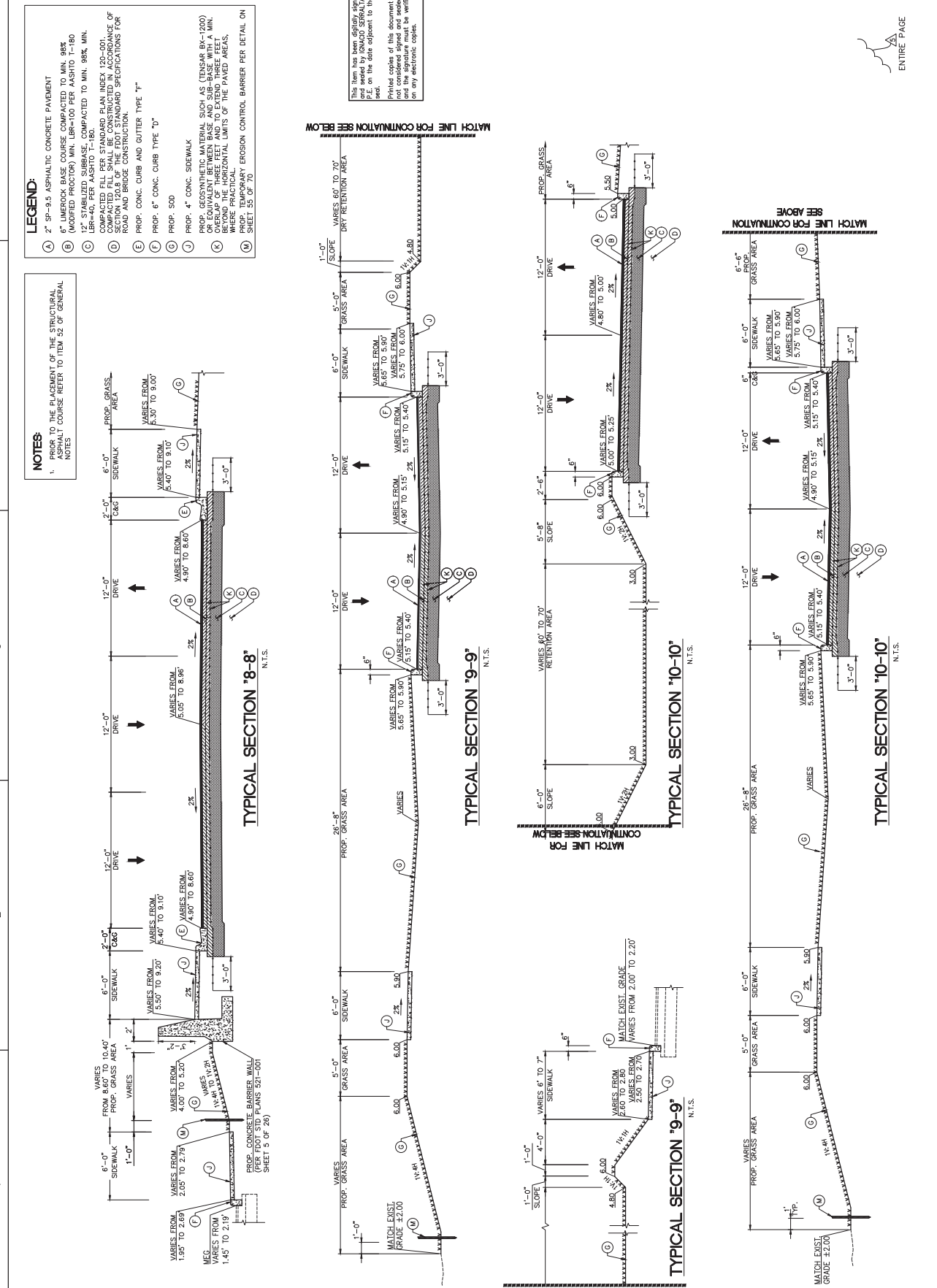
MARK	DATE	MODE	BY	CHECKED	DESCRIPTION
	11/26	P.M.	A.F.		PUBLIC WORKS COMMENTS
	10/21/20	DEMO	A.F.		DATA COMMENTS
	9/17/20	P.M.	A.F.		PUBLIC WORKS COMMENTS

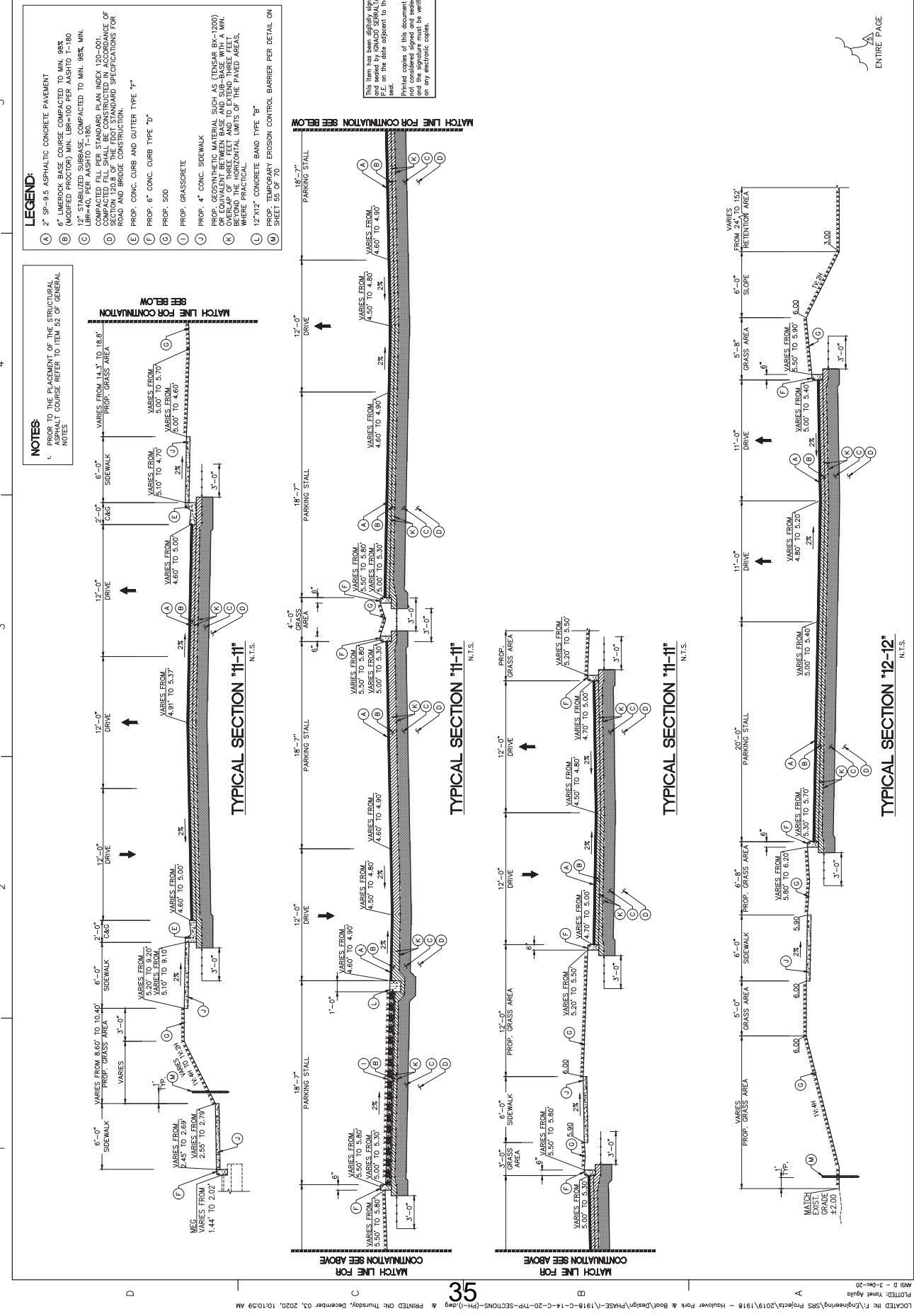


HAULOVER PARK
MIAMI, FLORIDA
TYPICAL
CROSS-SECTIONS
(PHASE 1)

PROJECT NO: 222302-17-005
CAD DWG FILE:
DESIGNED BY: A.F.
DRAWN BY: Y.A.
DEPT CHECK: J.C.
PROJ CHECK:
DATE: JUNE 2020
SCALE: AS NOTED

C-15







This item has been digitally signed and sealed by IGNACIO SERRALTA, J.E. on the date adjacent to the seal.

LEGEND:

- | | | |
|----|--|--|
| 2 | SP-9.2 ASPHALTIC CONCRETE PAVEMENT | |
| 3 | 6" LIMEPOCK BASE COURSE COMPACTED TO MIN. 98% (MODIFIED PROCTOR) MIN. LHR=100 PER AASHTO T-180 | |
| 4 | 12" STABILIZED SUBBASE, COMPACTED TO MIN. 95% MIN. LHR=40, PER AASHTO T-180. | |
| 5 | COMPACTED FULL STANDARD PLAN INDEX 120-400. (PROVIDE 12" MIN. THICKNESS OF 12" MIN. OF SECTION 120.2 OF THE ROAD STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. | |
| 6 | PROP. 6" CONC. CURB TYPE "D" | |
| 7 | PROP. 500 | |
| 8 | PROP. GRASSCROTE | |
| 9 | PROP. 4" CONC. SIDEWALK | |
| 10 | PROP. GEOTEXTILINE MATERIAL SUCH AS (TENSAR B-100) OVERLAP OF THREE FEET AND TO EXTEND THREE FEET MIN. BEYOND THE HORIZONTAL LIMITS OF THE PAVED AREAS, WHERE PRACTICAL. | |
| 11 | 12"X12" CONCRETE BAND TYPE "B" | |
| 12 | PROP. TEMPORARY EROSION CONTROL BARRIER PER DETAIL ON | |

PROP. TEMPORARY EROSION CONTROL BARRIER PER DETAIL ON



001 S.W. 74th COURT, SUITE 201
MIAMI, FLORIDA 33155
305-662-8887 FAX 305-662-8858
WWW.SRS-CORP.COM

MIAMI, FLORIDA
TYPICAL
CROSS-SECTIONS
(PHASE 1)

MI, FLORIDA
PICAL
-SEC
(PHASE 1)

PROJECT NO: 222302-17-005
3-D DWG FILE:
SIGNED BY: A.F.
DRAWN BY: Y.A.
CHECKED BY: J.C.
DATE: JUNE 2020
SCALE: AS NOTED

19-0

ENTIRE PAGE

10

10

2

10

1



C-20

5

4

3

2

1

HAULOVER PARK
MIAMI, FLORIDA
TYPICAL
CROSS-SECTIONS
(PHASE 2)

PHASE 2)



AECOM
 AECOM TECHNOLOGY INC.
 ENVIRONMENTAL SERVICES, INC.
 1000 WEST BEACH BLVD. SUITE 600
 WEST PALM BEACH, FLORIDA 33409
 PHONE 561.834.1375

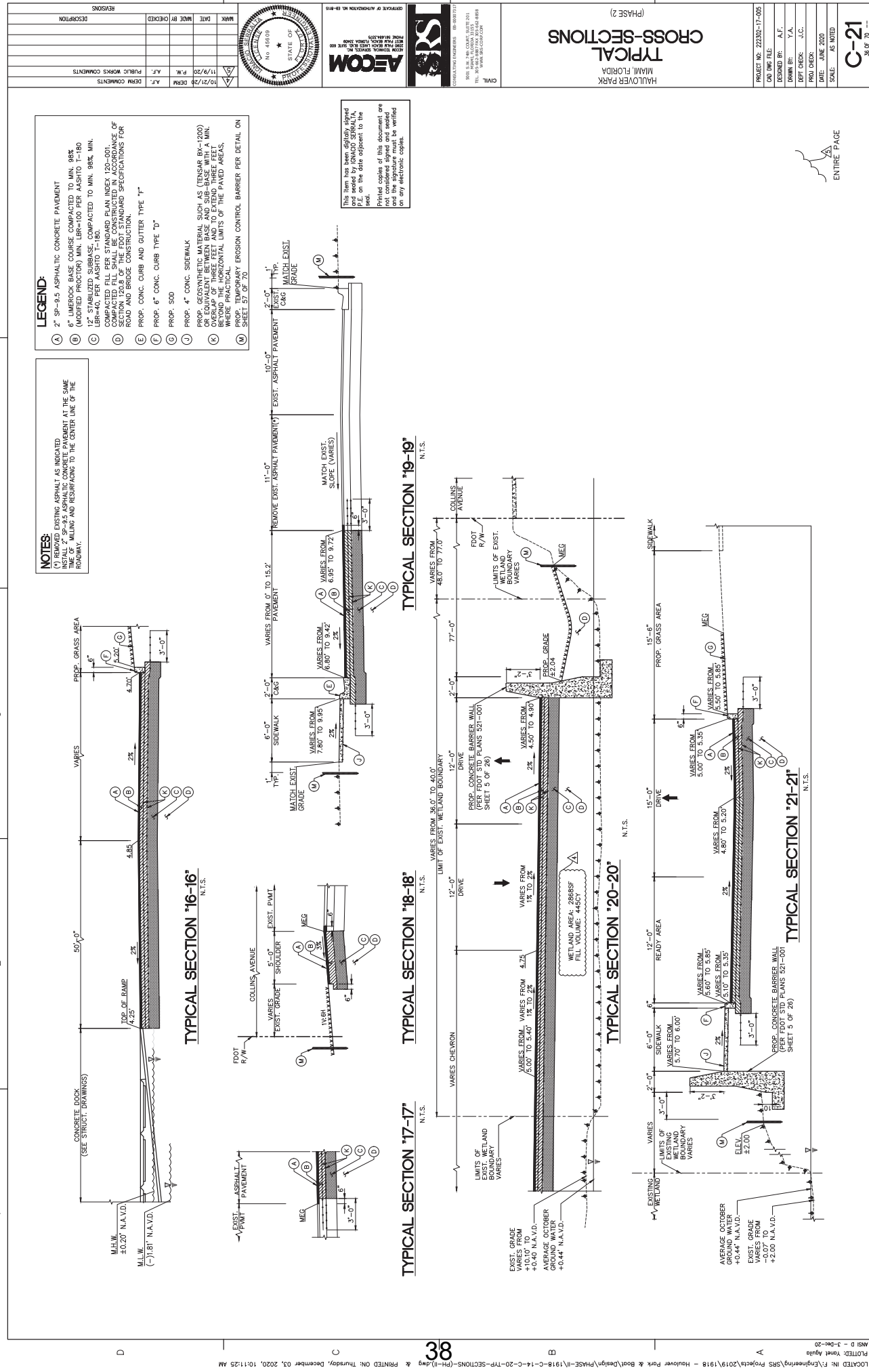
URS

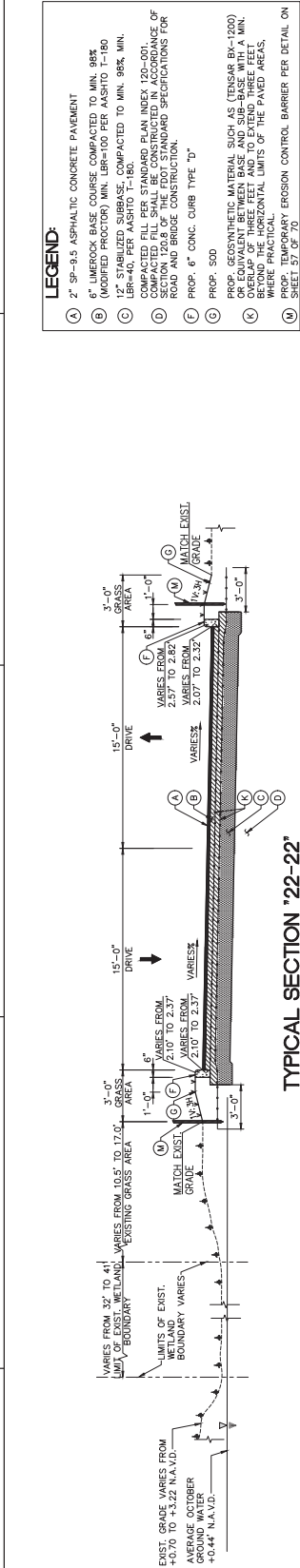
CONSULTING ENGINEERS ES-00001717

3901 S.W. 74th COURT, SUITE 201
 MIAMI, FLORIDA 33155
 TEL 305.446.6242 FAX 305.446.6888
WWW.URS-CORP.COM

[illegible]

1 2 3 4 5



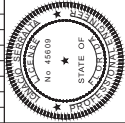


LEGEND:

- (A) 2" SP-9.5 ASPHALTIC CONCRETE PAVEMENT
- (B) 6" LIMESTOCK BASE COURSE COMPACTED TO MIN. 98% (MODIFIED PROCTOR) MIN. LER=100 PER AASHTO T-180
- (C) 12" STABILIZED SUBBASE, COMPACTED TO MIN. 98% MIN. LER=40, PER AASHTO T-180.
- (D) COMPACTED FILL PER STANDARD PLAN INDEX 120-101. THE FILL SHALL BE COMPACTED TO THE MINIMUM PERCENTAGE OF SECTION 120.8 OF THE FOOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- (E) PROP. 6" CONC. CURB TYPE "D"
- (F) PROP. SOD
- (G) PROP. GEOTEXTILES MATERIAL SUCH AS (TENSAR GK-1000) OR EQUIVALENT BETWEEN BASE AND SUB-BASE WITH A MIN. OVERLAP OF THREE FEET AND TO EXTEND THREE FEET WHERE PRACTICAL.
- (H) PROP. TEMPORARY EROSION CONTROL BARRIER PER DETAIL ON SHEET 57 OF 70

TYPICAL SECTION "22-22"
N.T.S.

This item has been digitally signed
using the digital signature capability
of the software. The signature is
valid on the date adjacent to the
signature.
Printed copies of this document are
not considered signed and sealed
for legal purposes and shall be verified
on any electronic copies.



CONSULTING ENGINEER
REGISTERED PROFESSIONAL ENGINEER
NO. 45809
STATE OF FLORIDA
AECOM
1000 N.W. 10TH AVENUE, SUITE 2000
MIAMI, FL 33136
TEL: 305.465.1000 FAX: 305.465.4000
WWW.AECOM.COM



CIVIL
CONSULTING ENGINEER
REGISTERED PROFESSIONAL ENGINEER
NO. 30023127
STATE OF FLORIDA
HAULOVER PARK
1000 N.W. 10TH AVENUE, SUITE 2000
MIAMI, FL 33136
TEL: 305.465.1000 FAX: 305.465.4000
WWW.AECOM.COM

HAULOVER PARK
MIAMI FLORIDA
TYPICAL
CROSS-SECTIONS
(PHASE 2)

PROJECT NO:	222302-17-005
DATE:	NOV 14, 2019
DESIGNED BY:	A.F.
DRAWN BY:	Y.A.
DEPT. CHECK:	J.C.
PROJ. CHECK:	J.C.
DATE:	JUNE 2020
SCALE:	AS NOTED

C-21A
SHEET 57 OF 70



ENTIRE PAGE

Attachment C
DERM Project Report

CLASS I PERMIT APPLICATION NO. CLI-2020-0149

Class I Permit Application by Miami-Dade County, through its Parks, Recreation and Open Spaces for the Filling of Tidal Waters in Association with the Redevelopment of an Existing Boat Ramp, the Filling of Wetlands Supporting Halophytic Vegetation in Association with Improvements to a Parking Lot and the Installation of Finger Piers, a Footer, and Riprap within Haulover Park located at 10800 Collins Avenue, in Unincorporated Miami-Dade County, Florida.

DATE: June 9, 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 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 permittable projects that otherwise result in unavoidable environmental impacts. In an effort to avoid and minimize impacts to benthic resources, the majority of the proposed ramp and piers would be installed within the footprint of the existing ramp and piers. Furthermore, no federally or State-designated threatened or endangered species of seagrasses or corals were documented within the footprint of the proposed ramp work and the submerged bottom does not provide significant habitat.

The majority of the expanded parking lot would be within the same footprint as the existing or within an unpaved area currently used for overflow parking that does not contain wetlands. In the areas where impacts to wetlands could not be avoided the footprint of the expanded parking lot has been designed to only result in the filling of two isolated pockets of wetlands adjacent to the existing parking areas that are not connected to the larger wetland system. In order to ensure that the remaining adjacent wetlands would not be impacted by the parking lot improvements or the use of the parking lot, the County proposes to install a concrete retaining wall between the parking area and the larger wetland system. No temporary impacts to wetlands are expected as a result of the proposed work.

Furthermore, the proposed work is not reasonably expected to result in cumulative environmental impacts to water quality. Currently, the existing unpaved overflow parking area does not contain any erosion controls or drainage features to prevent runoff in to the adjacent surface waters. The direct runoff associated with both the paved and unpaved parking areas would be eliminated through the installation of retaining walls along the edges of the newly constructed parking lot and the construction of a drainage system thereby eliminating direct water runoff. While the construction phase of the proposed project may result in temporary water quality impacts, 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 unavoidable temporary impacts to water quality associated with the filling of tidal waters would be satisfied through the placement of riprap. 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. To mitigate for otherwise permittable impacts to wetlands associated with the parking lot improvements, the County has proposed the purchase of saltwater mitigation bank credits from the Florida Power and Light Company's Everglades Mitigation Bank (FPL EMB), which would restore, enhance and preserve coastal wetlands in accordance with federal, State and local regulations.

The proposed project has been evaluated for consistency with the Miami-Dade County Manatee Protection Plan. The project is not 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 may affect surface water quality on a temporary basis during construction operations as set forth in Number 1 above.
5. **Wellfields** – The proposed project is not reasonably expected to adversely affect wellfields.
6. **Water Supply** – The proposed project is not reasonably expected to adversely affect water supply.
7. **Aquifer Recharge** – The proposed project is not reasonably expected to adversely affect aquifer recharge.
8. **Aesthetics** – The proposed project is not reasonably expected to adversely affect aesthetics.
9. **Navigation** – The proposed project is not reasonably expected to adversely affect navigation.
10. **Public Health** - The proposed project is not reasonably expected to adversely affect public health.
11. **Historic Values** - The proposed project is not reasonably expected to adversely affect historic values.
12. **Archaeological Values** - The proposed project is not reasonably expected to adversely affect archaeological values.
13. **Air Quality** – The proposed project is not reasonably expected to adversely affect air quality.
14. **Marine and Wildlife Habitats** – The proposed project is not reasonably expected to adversely affect marine and wildlife habitats as set forth in Number 1 above.
15. **Wetland Soils Suitable for Habitat** – The proposed project involves the filling of wetlands which would be mitigated as set forth in Number 1 above.
16. **Floral Values** – The proposed project involves the filling of wetlands which would be mitigated as set forth in Number 1 above.
17. **Fauna Values** - The proposed project involves the filling of wetlands which would be mitigated as set forth in Number 1 above.
18. **Rare, Threatened and Endangered Species** – The proposed project is not reasonably expected to adversely affect rare, threatened and endangered species.
19. **Natural Flood Damage Protection** - The proposed project is not reasonably expected to adversely affect surface water drainage or retention of stormwater.

20. **Wetland Values** – The project involves the filling of wetland habitat which would be mitigated as set forth in Number 1 above.
21. **Land Use Classification** – Pursuant to Section 24-48.2(II)(B)(7) of the Code of Miami-Dade County, Florida, applications by the County 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.
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 and must be obtained prior to performing work)
 - c) Florida Department of Environmental Protection (regulatory permit is required and must be obtained prior to performing work)
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.

Objective 7/Policy 7A – Wetland protection and restoration – The proposed parking lot improvements are water dependent because the proposed work is necessary to more efficiently manage the launching and retrieval of vessels at the facility. No reasonable upland alternative exists as the facility is confined by Collins Avenue to the east and higher quality mangrove wetlands and Biscayne Bay to the west. To mitigate for otherwise permissible impacts to wetlands, the Applicant has proposed the purchase of saltwater mitigation bank credits from the Florida Power and Light Company's Everglades Mitigation Bank (FPL EMB), which would restore, enhance, and preserve coastal wetlands in accordance with federal, State and local regulations.

Objective 7/Policy 7C, 7D, 7J - Wetland protection and restoration. – Not applicable to this project.

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.

COASTAL MANAGEMENT ELEMENT VII:

Objective 1/Policy 1A – Mangrove wetlands within Mangrove Protection Areas – The proposed parking lot improvements would impact mangroves that have been designated by the Miami-Dade County Comprehensive Development Master Plan (CDMP) as a part of a Mangrove Protection Area. Cutting, trimming, pruning or other alteration including dredging or filling of mangroves within a Mangrove Protection Area must be consistent with the criteria outlined in the Coastal Management Element of the CDMP. The proposed work would improve public access to the boat ramp by providing a stable and resilient parking area that meets applicable Code requirements while also more efficiently managing the launching and retrieval of vessels at the facility. The majority

of the expanded parking lot would be within the same footprint as the existing or within an unpaved area currently used for overflow parking that does not contain wetlands. In the areas where impacts to wetlands could not be avoided the footprint of the expanded parking lot has been designed to only result in the filling of two isolated wetland pockets adjacent to the existing parking areas that are not connected to the larger wetland system. Therefore, the proposed boat ramp and parking lot improvements are consistent with the CDMP as the work is water dependent and is in a location where no reasonable upland alternative exists.

Objective 1/ Policy 1B - Natural surface flow into and through coastal wetlands. – The proposed project would not affect natural surface flow into and through 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 project involves the removal of mangroves, which are not part of a Coastal Band Community, and would be mitigated as set forth in Number 1 above.

Objective 1/Policy 1E - Mitigation for the degradation and destruction of coastal wetlands. Monitoring and maintenance of mitigation areas. – The project involves the filling of wetlands which would be mitigated as set forth in Number 1 above.

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

Objective 5/Policy 5B - Existing and new areas for water-dependent uses. - The proposed project would 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 thresholds for review under the Shoreline Ordinance do not apply and the proposed project is not subject to shoreline development review.

Objective 5/Policy 5F - The siting of water dependent facilities. - The proposed project does not involve the creation of new water dependent facilities.

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

29. **Conformance with Miami-Dade County Ordinance 81-19** (Biscayne Bay Management Plan Sections 33D-1 through 33D-4 of the Code of Miami-Dade County) - The proposed project is in conformance with the Biscayne Bay Management Plan.
30. **Conformance with the Miami-Dade County Manatee Protection Plan (MPP)** - The proposed project is consistent with the MPP as set forth in Number 1 above.
31. **Consistency with Miami-Dade County Criteria for Lake Excavation** – The proposed project does not involve lake excavation.
32. **Zoning Recommendation** – Pursuant to Section 24-48.2(II)(B)(7) of the Code of Miami-Dade County, Florida, applications by the County within its own jurisdiction shall not be required to submit a substantiating letter or plan approval from the local 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 project involves the filling of wetlands which would be mitigated as set forth in Number 1 above.
35. **Class I Permit Applications Proposing to Exceed the Boundaries Described in Section D-5.03(2)(a) of the Miami-Dade County Public Works Manual** – Not applicable.

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

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

- (c) The work is the minimum 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 – The project involves the filling of wetlands; all fill would meet the definition of clean fill as defined in Section 24-5 of the Code of Miami-Dade County.

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



McKee Gray, Manager
Coastal Resources Section



Tammy Burton, Biologist II
Coastal Resources Section



MEMORANDUM

(Revised)

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

DATE: October 5, 2021

FROM: 
Gen Bonzon-Keenan
County Attorney

SUBJECT: Agenda Item No. 5(U)

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(U)
10-5-21

RESOLUTION NO. _____ R-877-21

RESOLUTION TAKING ACTION ON A CLASS I PERMIT APPLICATION BY MIAMI-DADE COUNTY, THROUGH ITS PARKS, RECREATION AND OPEN SPACES DEPARTMENT FOR THE FILLING OF TIDAL WATERS IN ASSOCIATION WITH THE REDEVELOPMENT OF AN EXISTING BOAT RAMP, THE FILLING OF WETLANDS SUPPORTING HALOPHYTIC VEGETATION IN ASSOCIATION WITH IMPROVEMENTS TO A PARKING LOT AND THE INSTALLATION OF FINGER PIERS, A FOOTER, AND RIPRAP WITHIN HAULOVER PARK, LOCATED AT 10800 COLLINS AVENUE, UNINCORPORATED MIAMI-DADE COUNTY, FLORIDA

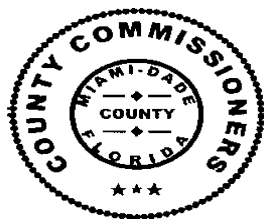
WHEREAS, this Board desires to accomplish the purposes outlined in the accompanying memorandum, a copy of which is incorporated herein by reference,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that this Board having considered all the applicable factors contained within section 24-48.3 of the Code of Miami-Dade County, hereby approves the application by Miami-Dade County, through its Parks, Recreation and Open Spaces Department for the filling of tidal waters in association with the redevelopment of an existing boat ramp, the filling of wetlands supporting halophytic vegetation in association with improvements to a parking lot and the installation of finger piers, a footer, and riprap within Haulover Park, located at 10800 Collins Avenue, unincorporated 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 **Rebeca Sosa**, 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	aye		

The Chairperson thereupon declared the resolution duly passed and adopted this 5th day of October, 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