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

Memorandum

MIAMI-DADE COUNTY

Agenda Item No. 5(D)

Date: January 21, 2015

To: Honorable Chairman Jean Monestime
and Members, Board of County Commissioners

From: Carlos A. Gimenez
Mayor

Subject: Class I Permit Application by the University of Miami to Construct a Fixed Pedestrian Bridge Spanning an Artificial Canal, Coral Gables, Miami-Dade County

Resolution No. R-06-15

Attached, please find for your consideration an application by the University of Miami for a Class I permit. Also attached is the recommendation of the Department of Regulatory and Economic Resources, Division of Environmental Resources Management (RER-DERM) and a proposed resolution approving the issuance of the Class I permit.

Jack Osterholt, Deputy Mayor

Memorandum

MIAMI-DADE COUNTY

Date: December 5, 2014

To: Carlos A. Gimenez
Mayor

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

Subject: Class I Permit Application by the University of Miami to Construct a Fixed Pedestrian Bridge Spanning an Artificial Canal, Coral Gables, Miami-Dade County

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Recommendation

I have reviewed the attached application for a Class I permit by the University of Miami. 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.

Scope

The site is at 1312-1314 Miller Drive & 1211-1217 Dickinson Drive on the University of Miami main campus, Coral Gables, in Commission District 7 (Commissioner Xavier L. Suarez).

Fiscal Impact/Funding Source

This resolution is a regulatory approval and does not have a fiscal impact as contemplated by Resolution No. R-530-10.

Track Record/Monitor

The Natural Resources Division Chief, Lisa Spadafina, within the Department of Regulatory and Economic Resources, Division of Environmental Resources Management (RER-DERM), will be responsible for monitoring the proposed permit.

Background

This Class I permit application requests authorization to construct a fixed pedestrian bridge spanning a tidally connected artificial canal on the University of Miami main campus in the City of Coral Gables. The proposed project is required to be reviewed and approved by the Board at a public hearing because the scope of work is specifically referenced in Section 24-48.2 of the Code as work that shall be processed as a standard form application. Therefore, a standard form application including a public hearing is required.

The proposed project site is located southwest of Lake Osceola, adjacent to the Hecht Athletic Center. The university proposes to construct a 12.5 foot wide by 70 foot long pedestrian bridge to connect the buildings on the west side of the canal with those on the east side of the canal.

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. The shoreline does not support significant resources, and no wetland vegetation or submerged aquatic vegetation was documented in the footprint of the proposed work. In addition, the Class I permit will include conditions requiring turbidity control devices during all phases of construction to ensure compliance with State and County water quality standards. Therefore, the proposed project is not reasonably expected to result in adverse environmental impacts.

The proposed project is not located within an area designated as essential manatee habitat for the West Indian Manatee by the Miami-Dade County Manatee Protection Plan. In addition, the project site is tidally connected through a series of culverts with incorporated grate systems that restrict manatee access to the canal. Therefore, the proposed project is not reasonably expected to adversely impact manatees.

The proposed 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 RER-DERM Project Report which sets forth the reasons the proposed project is recommended for approval pursuant to the applicable evaluation factors set forth in Section 24-48.3 and 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 Certification Letter, and Project Sketches
Attachment C: Zoning Memorandum
Attachment D: RER-DERM Project Report

MEMORANDUM

(Revised)

TO: Honorable Chairman Jean Monestime and Members, Board of County Commissioners

DATE: January 21, 2015

FROM: R. A. Cuevas, Jr. County Attorney

SUBJECT: Agenda Item No. 5(D)

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**
___√___	**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 ____, 3/5's ____, unanimous _____) 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(D)

1-21-15

RESOLUTION NO. R-06-15

RESOLUTION APPROVING A CLASS I PERMIT APPLICATION BY THE UNIVERSITY OF MIAMI TO CONSTRUCT A FIXED PEDESTRIAN BRIDGE SPANNING AN ARTIFICIAL CANAL ON THE MAIN CAMPUS OF THE UNIVERSITY OF MIAMI, CORAL GABLES, MIAMI-DADE COUNTY

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 University of Miami for a Class I permit to construct a fixed pedestrian bridge spanning an artificial canal on the main campus of the University of Miami, Coral Gables, Miami-Dade County, 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 **Esteban L. Bovo, Jr.** , who moved its adoption. The motion was seconded by Commissioner **Jean Monestime** and upon being put to a vote, the vote was as follows:

Jean Monestime, Chairman			**aye**
Esteban L. Bovo, Jr., Vice Chairman			**aye**
Bruno A. Barreiro	**aye**	Daniella Levine Cava	**aye**
Jose "Pepe" Diaz	**aye**	Audrey M. Edmonson	**absent**
Sally A. Heyman	**absent**	Barbara J. Jordan	**aye**
Dennis C. Moss	**aye**	Rebeca Sosa	**aye**
Sen. Javier D. Souto	**aye**	Xavier L. Suarez	**aye**
Juan C. Zapata	**aye**		

The Chairperson thereupon declared the resolution duly passed and adopted this 21st day of January, 2015. 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: ***Christopher Agrippa***
Deputy Clerk

Approved by County Attorney as
to form and legal sufficiency.

Abbie Schwaderer-Raurell

Attachment A

Class I Permit Application

MIAMI-DADE COUNTY

Class I Permit Application

FOR DEPARTMENTAL USE ONLY

Date Received: RECEIVED
NOV 2 0 2014
DERM Coastal Resources Section
Coastal Resources Regulation & Restoration

Application Number: CLI-2014-0128

Application Fee: $6,470.00

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

1. Applicant Information:

Name: University of Miami

Address: 1535 Levante Avenue

Coral Gables, Florida Zip Code: 33146

Phone #: (305) 284-5660 Fax#: (305) 284-4105

Email: icarcas@miami.edu

* 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: Larry Marbert, Vice President, University of Miami

Address: 1535 Levante Avenue

Coral Gables, FL Zip Code: 33146

Phone #: _____ Fax #: _____

Email: _____

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

Folio #(s): 03-4130-015-0010 Latitude: _____ Longitude: _____

Street Address: 1312-1314 Miller Drive & 1211-1217 Dickinson Drive Section: 22 Township: 54N Range: 41E

In City or Town: Coral Gables Near City or Town: _____

Name of waterway at location of the activity: Artificial Canal

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

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

X Other: Installation of a New Pedestrian Bridge

Estimated project cost = $250,000.00

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

5. Proposed Use (check all that apply):

- ☐ Single Family
- ☐ MultiFamily
- ☐ Private
- X Public
- ☐ Commercial
- ☐ Industrial
- ☐ Utility

6. If the proposed work relates to the mooring of vessels provide the following information (please also indicate if the applicant does not have a vessel):

Proposed Vessel Type (s): N/A

Vessel Make/Model (If known): _____

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

Total Number of Slips: _____

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

Issuing Agency	Type of Approval	Identification Number	Application Date	Approval Date

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DERM Coastal Resources Section
Natural Resources Regulation & Permitting

8. Contractor Information (If known):

Name: To Be Determined 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.)

University of Miami | Corporation | 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 CSB | Larry Marbert | Vice President | 11/11/14
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 1312-1314 Miller Drive & 1211-1217 Dickinson Drive and the artificial canal, Miami-Dade County, Florida, otherwise identified in the public records of Miami-Dade County as Folio No. 03-4130-015-0010. 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.)

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

1535 Levante Avenue, Coral Gables, Florida 33146
Address of Owner

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

Signature of Authorized Representative	Print Authorized Representative's Name	Title	Date
CSB	Larry Marbert	Vice President	11/11/14
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

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DERM Coastal ... Section
Natural Resources Regulation ...

Attachment B

Owner/Agent Letter, Engineer Certification Letter, and Project Sketches

PERMIT APPLICANT / AUTHORIZED AGENT STATEMENT

11/11/14

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-2014-0128

By the attached Class I Standard Form permit application with supporting documents, I, Larry Marbert, Vice President, University of Miami, am the permit applicant and hereby request permission to perform the work associated with Class I Permit Application CLI-2014-0128. 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,

Larry Marbert,
Vice President, University of Miami
Permit Applicant CSB

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NOV 20 2014
DERM Coastal Resources Section
Natural Resources Regulation & Restoration

ENGINEER LETTER OF CERTIFICATION

November 11th, 2014

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-2014-0128

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.

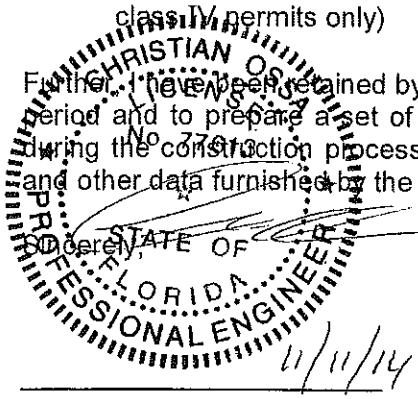
b. Harmful or increased erosion, shoaling of channels or stagnant areas of water. (Not applicable to class IV permits)

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,



11/11/14

Christian Ossa
P.E. # 77613

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DERM Coastal Resources Section
Natural Resources Regulation & Restor

PROJECT DATA

INDEX OF DRAWINGS

ARCHITECTURAL

A0.0 COVER SHEET
A0.1 PROJECT DATA
A1.1 REFERENCE PLAN
A2.0 SITE PLAN
A2.1 DEMO PLAN
A3.1 ELEVATIONS AND SECTIONS
A3.2 ENLARGED SECTIONS
A4.1 DETAILS

CIVIL

C0.1 EROSION CONTROL PLAN
C0.2 EROSION CONTROL DETAILS

STRUCTURAL

S0.1 GENERAL NOTES
S1.1 FOUNDATION PLAN AND DETAILS

ELECTRICAL

E0.1 ELECTRICAL PLAN
E0.2 PHOTOMETRIC PLAN
E0.3 GENERAL NOTES, SCHEDULE AND DETAILS

GENERAL PROJECT INFORMATION

Owner:	UNIVERSITY OF MIAMI	Architect:	FACILITIES DESIGN & CONSTRUCTION
Contact:	Christopher Starr	Contact:	JOSE JUNCO, AIA
Phone:	(305) 284-4051	Phone:	(305) 284-4054
email:	CStarr@miami.edu	email:	junco@miami.edu
Address:	UM Facilities Design & Construction 1535 Levante Ave., Ste. 202 Coral Gables, FL 33146	Address:	UM Facilities Design & Construction 1535 Levante Avenue, Ste 202 Coral Gables, FL 33146

EXISTING ADJACENTS

Jurisdiction: CITY OF CORAL GABLES
Superintendent: PLUMBING, BUILDING & ZONING, PUBLIC WORKS, FIRE

	APPLICABLE CODES TO/ADOPTED	AUTHORITY
Building	2010 FLORIDA BUILDING CODE	CITY OF CORAL GABLES
Accessibility	2010 FLORIDA ACCESSIBILITY CODE	CITY OF CORAL GABLES
Life Safety	NFPA 101, FLORIDA CHAPTER 2009	CITY OF CORAL GABLES
Energy	2010 FBC, CHAPTER 13	CITY OF CORAL GABLES
Electric	NATIONAL ELECTRIC CODE	CITY OF CORAL GABLES
Plumbing	2010 FBC CHAPTER	CITY OF CORAL GABLES
Mechanical	2010 FBC CHAPTER	CITY OF CORAL GABLES
Zoning	MIXED USE 2 (MX2) DISTRICT — MXD	CITY OF CORAL GABLES

PLAN REVIEW DATA

CONSTRUCTION INFORMATION
LENGTH : 197'-0" / BASE SPAN : 12'-0"
HEIGHT OF LOWER : 1
NO. : FOOTPRINT

OCCUPANCY CLASSIFICATION
FBC 2010 CHAPTER 2 SECTION 202
GROUP A — ASSEMBLY

CONSTRUCTION TYPE
FBC 2010
TYPE IIA — UNPROTECTED
ALL STRUCTURAL COMPONENTS ARE NON-COMBUSTIBLE CONSTRUCTION

MINIMUM PLUMBING REQUIREMENT
MENS' RESTROOMS EXIST with net of 1/unit, no changes
ADJACENT TO BIG PINEWOOD BUILDING

PROJECT SCOPE DESCRIPTION

NEW ENCLOSED BRIDGE STRUCTURE WITH CANAL.

A. STEEL OR TIMBER ALL DECKS, AND ALIKE.
B. ATTACHED AS SHORT BURY PEDESTRIAN BRIDGE.

PROPERTY DATA

LEGAL DESCRIPTION

Folio Number: 03-4120-019-1220
Property Address: 1241 Dickinson Drive, Coral Gables, FL 33146

Mailing Address: University of Miami, Real Estate Office
P.O. Box 248104, Coral Gables, FL 33124

Owner: University of Miami Representative: Robert Jones, AIA (305) 284-4054

Legal Description: All that lot, piece or parcel of land situate, lying and being in Section 20, Township 54 South, Range 41 East, City of Coral Gables, Miami-Dade County, Florida, being a portion of TRACT "A" RECORD PLAT PORTION OF MIAMI CAMPUS UNIVERSITY OF MIAMI according to the plat thereof, as recorded in Plat Book 44 at page 51, the same being more particularly described by metes and bounds as follows, viz:

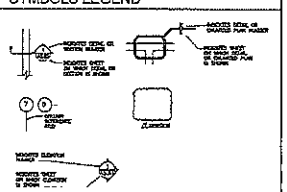
Commencing at the point of intersection of the centerline of Ponce Dickinson Drive with the centerline of Gen. E. Brooks St., as shown on said Plat of "RECORD PLAT PORTION OF MIAMI CAMPUS UNIVERSITY OF MIAMI" (also called Ponce Dickinson Drive and Gen. E. Brooks St. having been renamed by action of the Coral Gables City Commission number 2211-05, as recorded under Cfn. 2211 in Official Records Book 27705 at page 2611 of the Public Records of Miami-Dade County, Florida); thence S89°57'57"E along said centerline of recorded Ponce Dickinson Drive for 341.26 feet; thence at right angles to the last course and departing said centerline of recorded Ponce Dickinson Drive, S00°02'03"W for 114.64 feet to the point of beginning of the following parcel of land; from said point of beginning, thence S89°57'57"E for 27.29 feet; thence S44°57'57"E for 179.20 feet; thence N89°57'57"W for 180.46 feet; thence N00°02'03"E for 153.40 feet to the point of beginning.

said parcel containing 17,252 square feet, or 0.27 acre, more or less.

ZONING DESCRIPTION

Zoning District:	University Campus District (CDD)
Zoning Classification:	Business
Principal Use:	Assembly
Existing Floorplate:	Levels of
Maximum Building Height Allowed:	150'
Proposed Building Height:	15'-0", 1 story

SYMBOLS LEGEND



PROJECT GENERAL NOTES AND SPECIFICATIONS

A. CONTRACTOR SHALL PERFORM ALL WORK AS IN A PROFESSIONAL WORKMANLIKE MANNER, AND IN ACCORDANCE WITH THE OWNER'S DIRECTIVES.

1. THIS PROJECT IS SUBJECT TO THE JURISDICTION OF THE FLORIDA BUILDING CODE, 2010 EDITION AND THE CODES AND REGULATIONS REFERRED TO THEREIN. THE DESIGN, WORKMANSHIP AND ALL OTHER APPLICABLE REGULATIONS OF THE CITY OF CORAL GABLES, THE BUILDING STANDARDS, POLICIES AND PRESCRIBED OF THE UNIVERSITY OF MIAMI.
2. COMPLY WITH ALL REQUIREMENTS OF THE PROJECT DRAWINGS AND SPECIFICATIONS, SUPERVISE, ETC., CAREFULLY STUDY AND COMPARE THESE DRAWINGS, VERIFY MARKET SITE CONDITIONS, AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT OF ANY DISCREPANCIES DISCOVERED, PRIOR TO PERFORMING A FINAL PRICE OR ARRANGEMENTS ANY WORK. THE DRAWINGS SHALL NOT BE SCALED, DIMENSIONS TAKE PRECEDENCE.
3. COORDINATE THE SEQUENCING OF THE WORK WITH THE UM PROJECT MANAGER.
4. PROTECT FACILITIES SURROUNDING THE PROJECT SITE WITH 6' TALL TEMPORARY CHAIN LINK FENCING AND GREEN TAPE CONTINUOUS ACCESS/EGRESS, ENTRANCE TO BE SECURED DAILY DURING DAY WORK HOURS. CONSTRUCTION DEBRIS SHALL BE CONTAINED WITHIN THIS PROJECT SITE ENVELOPE.
5. COORDINATE WITH THE UM PROJECT MANAGER THE MAINTENANCE OF SAFE TRAFFIC AND ACCESS TO FACILITIES AFFECTED BY THIS PROJECT.

B. ALTHOUGH THIS PROJECT IS NOT SEEKING FOR LEED CERTIFICATION, THE UNIVERSITY OF MIAMI ENCOURAGES THE CONTRACTOR TO PROCEED IN A MANNER CONSISTENT TO LEED SILVER STANDARDS, IN SUPPORT OF THE UNIVERSITY'S COMMITMENT TO SUSTAINABLE DESIGN AND CONSTRUCTION.

C. TIMBER AND PLYWOOD

1. PLYWOOD CONCRETE
1.1. DEPOT TO STRUCTURAL DRAWINGS.
1.2. EXPOSED CONCRETE CONCRETE TO BE SMOOTH FINISH, EDGES AND JOINT ALL CORNERS AND IMPERFECTIONS.

2. TIMBER
2.1 ALUMINUM BOND OF COPPER FREE NATIVE WOOD, CCA# ANODIZED FINISH.
2.2 STAINLESS STEEL SCREWS, AS NOTED ON PLANS.
2.3 FINISH, SELECTION BETWEEN DESIGNER DETAILS.
2.4 EXPOSED EDGES, CHAMFER AND CHAMFER TO ALL EXPOSED COMPONENTS.
2.5 SEE ALL WORK, PROTECTION, SHOULD CONSTRUCTION, DRAINAGE DETAILS AND DETAILS BY A FLORIDA REGISTERED PROFESSIONAL ENGINEER.

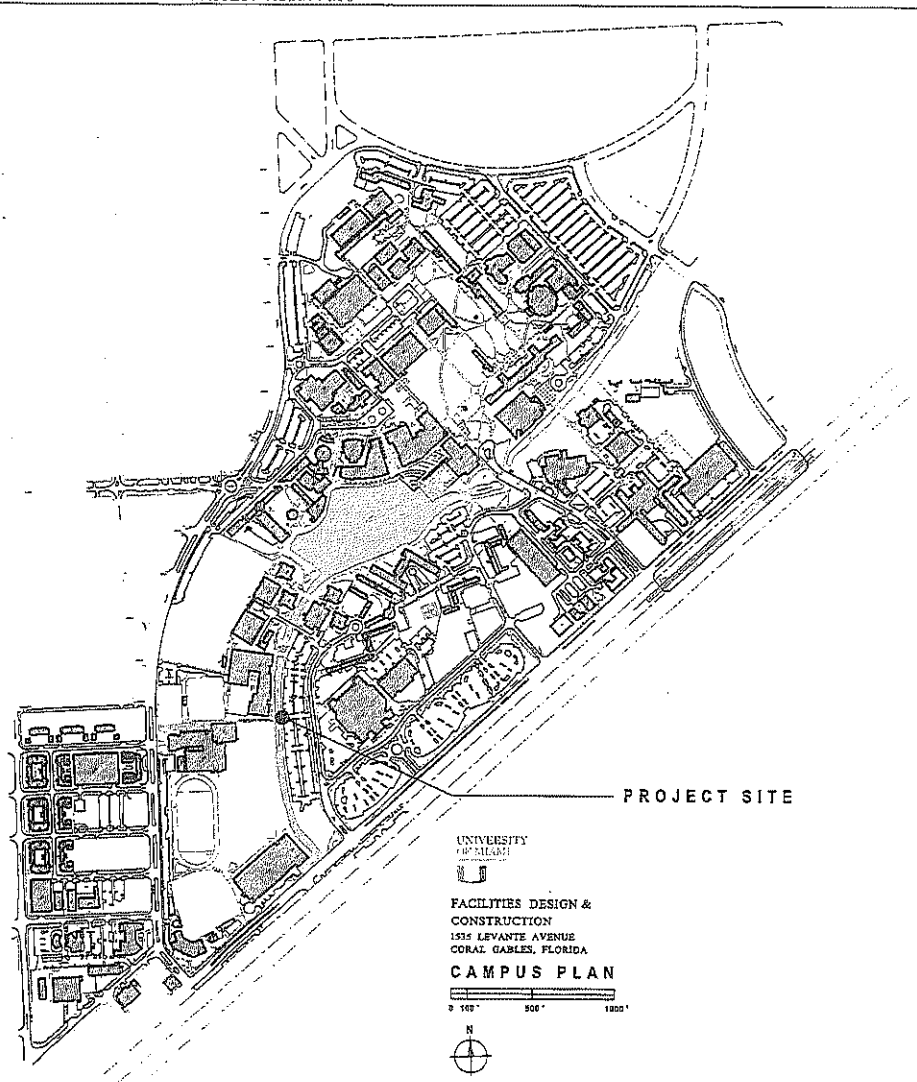
3. FINISHES
3.1 PAINT ALL PAINT PROTECTED LATEX PAINT, SHERWIN WILLIAMS, WHITE COLOR.
3.2 PAINTING SURFACES PER MANUFACTURER'S RECOMMENDATIONS FOR MAXIMUM ADHESION, PAINT AND PAINT PLAY.
3.3 EXPOSED STEEL SHALL BE HOT DIPPED GALVANIZED, PRIOR TO PAINTING.
3.4 PAINTED, PROTECTED, PAINTED OUTDOOR USES POWDER-COATED, SYNTHETIC.
3.5 PAINT RESISTANCE SYSTEMS WITHIN PLAY, AND SCHEDULE PLAY.

4. DIMENSIONS
4.1 PROJECT ONE DIMENSION TOTAL WORK ADJACENT TO FIRE DEPARTMENT CHANGES PER NFPA PREPARATION OR VERIFY LOCATION. REVISE, PRIOR NOTIFIED'S PROJECT HYDRANTS, ANY OTHER PROBLEMS.
4.2 PROVIDE ONE FIRE EXTINGUISHER PER CODE REQUIREMENTS.

5. TEST CUT, AND ELECTRICAL CHANGES FOR PRODUCTS AND CONDITIONS RELATED TO STORM DRAINAGE, ELECTRICAL POWER, LIGHTING FIXTURES AND EXISTING SYSTEMS.
5.1 SEE ALL ELECTRICAL DRAWINGS.
5.2 ALL ELECTRICAL CONDUIT FOUND SHALL BE RUN CONCEALED WITHIN THE CONCRETE STRUCTURE.

6. CUTTING REPRESENTATIVE
6.1 SEE THESE MECHANICAL DRAWINGS.
6.2 PRODUCT DIMENSIONS, PRODUCTS SHALL BE "STOCK" DIMENSIONS (WITH SOME ADDITIONAL, SPECIFIED SIZES.
6.3 CONSTRUCTION TOLERANCE ENSURE.
6.4 PLACE PIECES OR SIZE COMPRESSED TAPER PRODUCT AT WIDE DIMENSIONS (SIDE BETWEEN RAIL ONLY), TO MATCH EXISTING.
6.5 NOTIFY THE OWNER, ARCHITECT CONCRETE TO CONSULT PLANS, SPECIFICATIONS.
6.6 REPORT ANY DEFECT, TO ADJACENT EMBEDMENT AND ASSEMBLIES UNLESS SO THE PROJECT, WORK ONLY IN GOOD CONDITIONS.

PROJECT VICINITY MAP



UNIVERSITY OF MIAMI

FACILITIES DESIGN & CONSTRUCTION
1535 LEVANTE AVENUE
CORAL GABLES, FLORIDA

HECHT ATHLETICS PEDESTRIAN BRIDGE

1241 DICKINSON DRIVE
CORAL GABLES
FLORIDA 33146

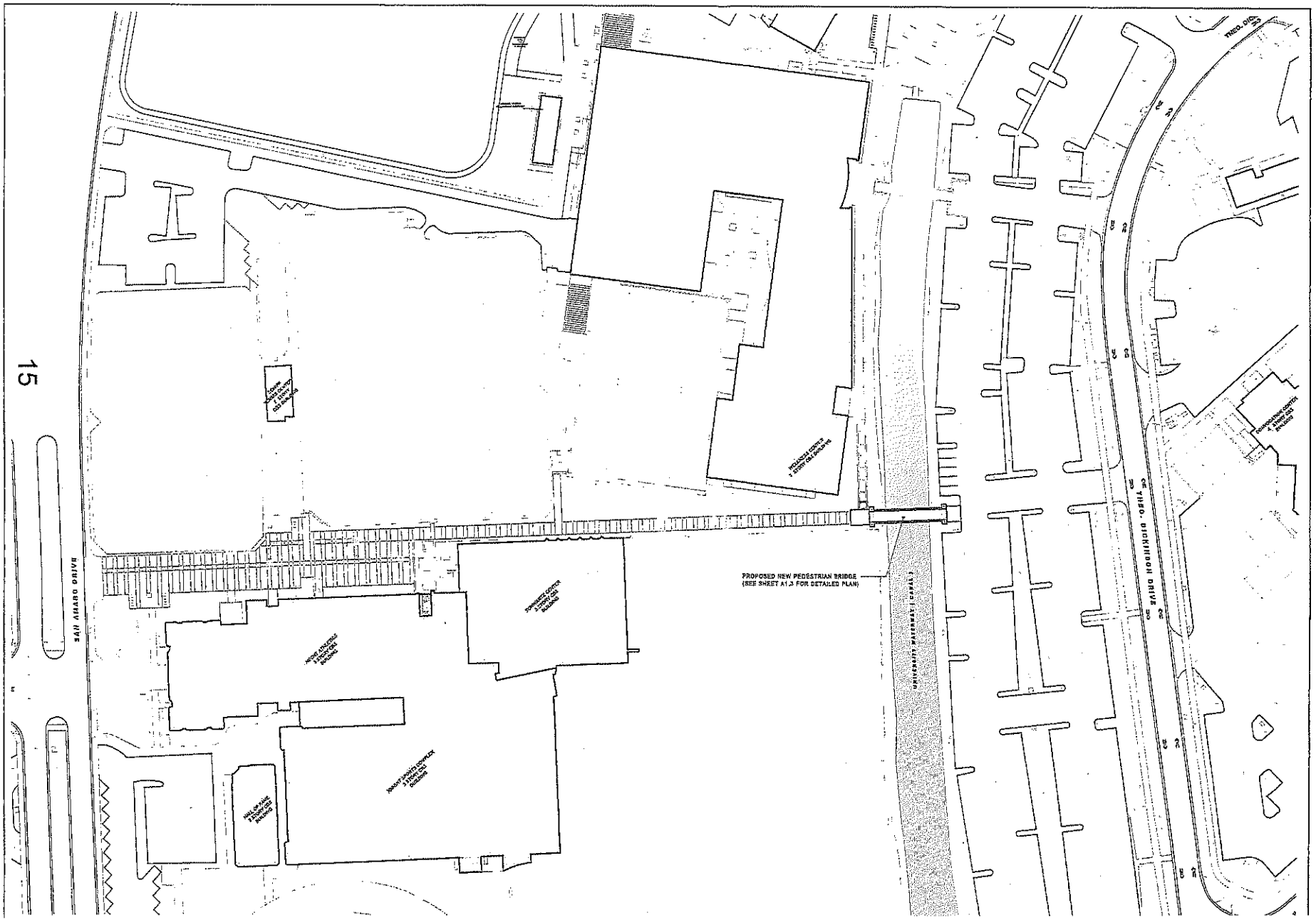
ISSUE DATE	PROJECT NO.
052114	NG1798

SHEET TITLE

PROJECT DATA

SCALE NTS

A 0.1



UNIVERSITY OF MIAMI

FACILITIES DESIGN & CONSTRUCTION
1321 LEVANTE AVENUE
CORAL GABLES, FLORIDA

HECHT ATHLETICS PEDESTRIAN BRIDGE

1241 DICKINSON DRIVE
CORAL GABLES
FLORIDA 33146

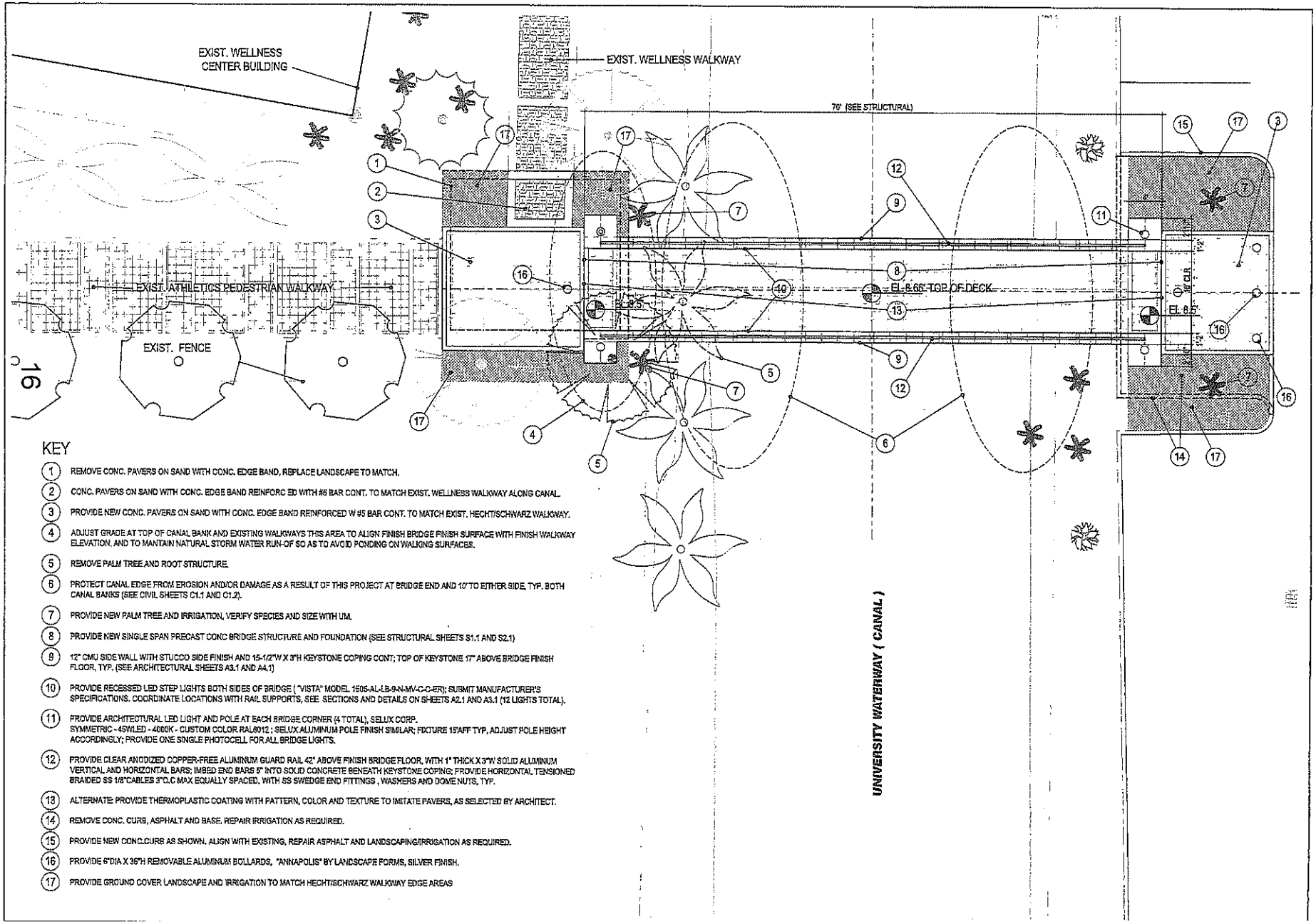
ISSUE DATE	PROJECT NO.
072114	HD1738

SHEET TITLE

REFERENCE PLAN

SCALE 1" = 40'

A 1.1



KEY

1. REMOVE CONC. PAVERS ON SAND WITH CONC. EDGE BAND, REPLACE LANDSCAPE TO MATCH.
2. CONC. PAVERS ON SAND WITH CONC. EDGE BAND REINFORC ED WITH #5 BAR CONT. TO MATCH EXIST. WELLNESS WALKWAY ALONG CANAL.
3. PROVIDE NEW CONC. PAVERS ON SAND WITH CONC. EDGE BAND REINFORCED W #5 BAR CONT. TO MATCH EXIST. HECHT/SCHWARZ WALKWAY.
4. ADJUST GRADE AT TOP OF CANAL BANK AND EXISTING WALKWAYS THIS AREA TO ALIGN FINISH BRIDGE FINISH SURFACE WITH FINISH WALKWAY ELEVATION, AND TO MANTAIN NATURAL STORM WATER RUN-OF SO AS TO AVOID PONDING ON WALKING SURFACES.
5. REMOVE PALM TREE AND ROOT STRUCTURE.
6. PROTECT CANAL EDGE FROM EROSION AND/OR DAMAGE AS A RESULT OF THIS PROJECT AT BRIDGE END AND 10' TO EITHER SIDE, TYP. BOTH CANAL BANKS (SEE CIVIL SHEETS C1.1 AND C1.2).
7. PROVIDE NEW PALM TREE AND IRRIGATION, VERIFY SPECIES AND SIZE WITH UM.
8. PROVIDE NEW SINGLE SPAN PRECAST CONC BRIDGE STRUCTURE AND FOUNDATION (SEE STRUCTURAL SHEETS S1.1 AND S2.1)
9. 12" CMU SIDE WALL WITH STUCCO SIDE FINISH AND 15-1/2"W X 3"H KEYSTONE COPING CONT; TOP OF KEYSTONE 17" ABOVE BRIDGE FINISH FLOOR, TYP. (SEE ARCHITECTURAL SHEETS A3.1 AND A4.1)
10. PROVIDE RECESSED LED STEP LIGHTS BOTH SIDES OF BRIDGE ("VISTA" MODEL 1505-AL-LB-9-N-MV-C-C-ER); SUBMIT MANUFACTURER'S SPECIFICATIONS. COORDINATE LOCATIONS WITH RAIL SUPPORTS, SEE SECTIONS AND DETAILS ON SHEETS A2.1 AND A3.1 (12 LIGHTS TOTAL).
11. PROVIDE ARCHITECTURAL LED LIGHT AND POLE AT EACH BRIDGE CORNER (4 TOTAL), SELUX CORP. SYMMETRIC - 45WLED - 4000K - CUSTOM COLOR RAL6012 ; SELUX ALUMINUM POLE FINISH SIMILAR; FIXTURE 15'AFF TYP, ADJUST POLE HEIGHT ACCORDINGLY; PROVIDE ONE SINGLE PHOTOCELL FOR ALL BRIDGE LIGHTS.
12. PROVIDE CLEAR ANODIZED COPPER-FREE ALUMINUM GUARD RAIL 42" ABOVE FINISH BRIDGE FLOOR, WITH 1" THICK X 3"W SOLID ALUMINUM VERTICAL AND HORIZONTAL BARS; IMBED END BARS 5" INTO SOLID CONCRETE BENEATH KEYSTONE COPING; PROVIDE HORIZONTAL TENSIONED BRAIDED SS 1/8"CABLES 3"O.C MAX EQUALLY SPACED, WITH SS SWEDGE END FITTINGS , WASHERS AND DOME NUTS, TYP.
13. ALTERNATE: PROVIDE THERMOPLASTIC COATING WITH PATTERN, COLOR AND TEXTURE TO IMITATE PAVERS, AS SELECTED BY ARCHITECT.
14. REMOVE CONC. CURB, ASPHALT AND BASE, REPAIR IRRIGATION AS REQUIRED.
15. PROVIDE NEW CONC.CURB AS SHOWN. ALIGN WITH EXISTING, REPAIR ASPHALT AND LANDSCAPING/IRRIGATION AS REQUIRED.
16. PROVIDE 6"DIA X 36"H REMOVABLE ALUMINUM BOLLARDS, "ANNAPOLIS" BY LANDSCAPE FORMS, SILVER FINISH.
17. PROVIDE GROUND COVER LANDSCAPE AND IRRIGATION TO MATCH HECHT/SCHWARZ WALKWAY EDGE AREAS

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CORAL GABLES, FLORIDA

HECHT ATHLETICS PEDESTRIAN BRIDGE

1241 DICKINSON DRIVE
CORAL GABLES
FLORIDA 33146

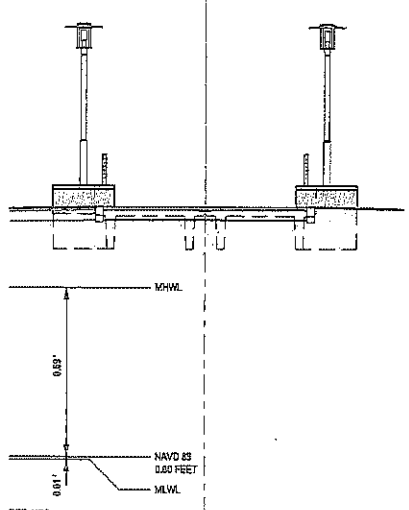
ISSUE DATE	PROJECT NO.
032114	NC1708

SHEET TITLE

PLAN

SCALE 3/16" = 1'

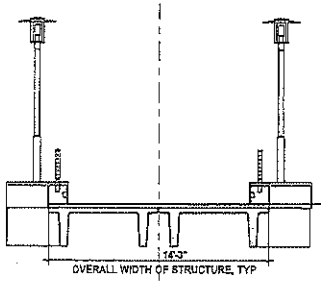
A 1.3



REF. NOS.
LABINS IDEN. 15439
NTDB83-01 NAVD88
(1983-2001 EPOCH)

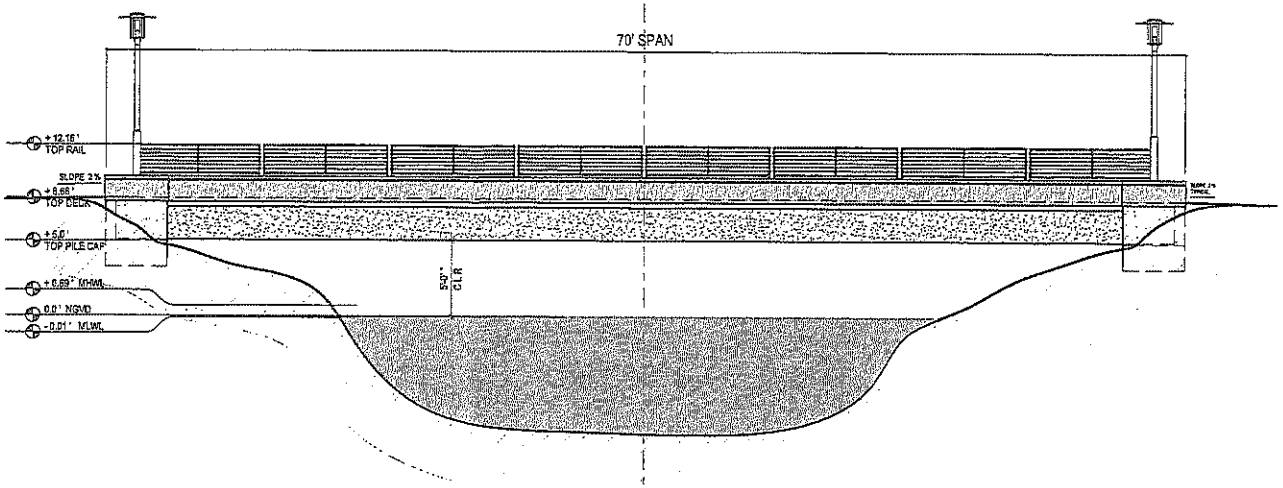
DATUM DIAGRAM NOT TO SCALE

END ELEVATION 1/4"

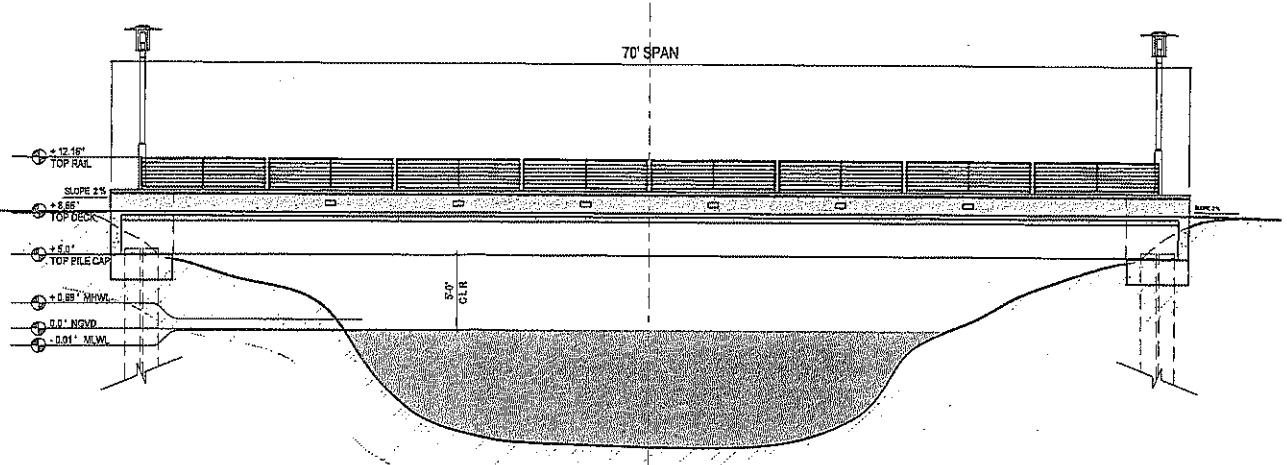


TRANSVERSAL SECTION

ACROSS BRIDGE CENTER 1/4"



SIDE ELEVATION 1/4"



LONGITUDINAL SECTION

ALONG BRIDGE CENTERLINE 1/4"

NOTE:
REFER TO SHEETS A3.1 AND A4.1 FOR ADDITIONAL DIMENSIONS AND NOTES

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CORAL GABLES
FLORIDA 33146

ISSUE DATE	PROJECT NO.
032114	HC1726

SHEET TITLE

ELEVATIONS AND SECTIONS

SCALE AS NOTED

A 2.1

Attachment C

Zoning Memorandum

Memorandum

Date: November 14, 2014

To: Lisa Spadafina, Chief
Natural Resources Division
Department of Regulatory and Economic Resources

From: Alain Alonso, Biologist II
Coastal and Wetlands Resources Section
Department of Regulatory and Economic Resources

Subject: Class I Permit Application by the University of Miami to Construct a Fixed Pedestrian Bridge Spanning an Artificial Canal, Coral Gables, Miami-Dade County

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Pursuant to Section 24-48.2(II)(B)(7), of the Code of Miami-Dade County, a substantiating letter shall be submitted by the applicant stating that the proposed project does not violate any zoning laws. Said letter will be submitted after approval by the Miami-Dade County Board of County Commissioners and prior to issuance of the Class I permit.

Attachment D

RER-DERM Project Report

PROJECT REPORT
CLASS I PERMIT APPLICATION NO. CLI-2014-0128

Class I Permit Application by the University of Miami to Construct a Fixed Pedestrian Bridge Spanning an Artificial Canal, Coral Gables, Florida

Date: October 31, 2014

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. The following is a summary of the proposed project with respect to each applicable evaluation factor:

1. **Potential Adverse Environmental Impact** – The installation of the proposed pedestrian bridge is not reasonably expected to result in adverse environmental impacts. The shoreline does not support significant resources, and no wetland vegetation or submerged aquatic vegetation was documented in the footprint of the proposed work. In addition the Class I permit will require that turbidity control be utilized during all phases of construction to ensure compliance with State and County water quality standards. Therefore, the proposed project is not reasonably expected to result in adverse environmental impacts.

   The proposed project is not located within an area designated as essential manatee habitat for the *Trichechus manatus* (West Indian Manatee) by the Miami-Dade County Manatee Protection Plan. In addition, the project site is tidally connected through a series of culverts with incorporated grate systems that restrict manatee access to the canal. Therefore, the proposed project is not reasonably expected to adversely impact the West Indian Manatee.

2. **Potential Cumulative Adverse Environmental Impact** – The proposed project is not reasonably expected to result in cumulative adverse environmental impacts.

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 activities. As a method to minimize potential water quality impacts, the applicant will install turbidity barriers to capture debris and prevent fugitive particulates from entering the waterway. The Class I permit will require that turbidity control devices such as, but not limited to, silt fencing and turbidity curtains, be utilized during all phases of construction to ensure compliance with State and County water quality standards.

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 result in negative aesthetic impacts. The proposed bridge is designed to be aesthetically compatible with the surrounding area. However, during the construction process there may be temporary aesthetic impacts related to the presence of machinery and equipment associated with the construction activities.

9. **Navigation** – The project site is tidally connected through a series of culverts with incorporated grate systems that restrict vessel access; therefore, 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 does not involve any work in wetland soils.

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

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

18. **Rare, Threatened and Endangered Species** – The proposed project is not reasonably expected to adversely impact 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 does not involve work in wetlands.

21. **Land Use Classification** – Pursuant to Section 24-48.2(II)(B)(7), of the Code of Miami-Dade County, Florida, a substantiating letter shall be submitted stating that the proposed project does not violate any zoning laws. Said letter will be submitted after the approval by the Board of County Commissioners and prior to the issuance of a Class I permit.

22. **Recreation** - The proposed project does not conflict with the recreation element of the Miami-Dade County Comprehensive Development Master Plan.

23. **Other Environmental Values Affecting the Public Interest** – The proposed project is not reasonably expected to adversely affect other environmental values affecting the public interest. The proposed project will occur on lands owned by the University of Miami.

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 following:
    a) Chapter 33B of the Code of Miami-Dade County
    b) 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 RER-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)

27. **Conformance with the Miami-Dade County Comprehensive Development Master Plan (CDMP)** - In the opinion of the Director, the proposed project is in conformance with 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 the Conservation and Coastal Management Elements of the CDMP. The proposed project 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 5 - Aviation System Expansion - There is no aviation element to the proposed

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

CONSERVATION, AQUIFER RECHARGES AND DRAINAGE ELEMENT IV:

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

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

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

Objective 5/Policies 5A, 5B, 5F - Flood protection and cut and fill criteria – The proposed project is not reasonably expected to 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 - No net loss of high quality, relatively unstressed wetlands. – The proposed project does not involve work in wetlands.

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 - Tidally connected mangroves in 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 access through mangroves.

Objective 1/Policy 1D - Protection and maintenance of mangrove forests and related natural vegetational communities. - The proposed project does not involve work in mangrove forests or related natural vegetational communities.

Objective 1/Policy 1E - Mitigation for the degradation and destruction of coastal wetlands. Monitoring and maintenance of mitigation areas. – The proposed project will not result in the degradation or destruction of coastal wetland and therefore does not involve monitoring of mitigation for impacts to 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 does not involve dredging or filling of grass/algal flats, hard bottom, or other viable benthic communities.

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

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

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

Objective 5/Policy 5B - Existing and new areas for water-dependent uses. - The proposed project is not reasonably expected to adversely affect existing water-dependent use.

Objective 5/Policy 5D - Consistency with Chapter 33D, Miami-Dade County Code (shoreline access, environmental compatibility of shoreline development) – The proposed project is not within the review boundaries of the Shoreline Development Review Committee.

Objective 5/Policy 5F - The siting of water dependent facilities. - The proposed project does not involve the creation of any 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 not located within Biscayne Bay.

30. **Conformance with the Miami-Dade County Manatee Protection Plan** - The proposed project is not located within an area designated as essential manatee habitat for the West Indian Manatee by the MPP and the proposed project is not reasonably expected to adversely impact manatees.

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), Code of Miami-Dade County, Florida, a substantiating letter shall be submitted stating that the proposed project does not violate any zoning laws. Said letter will be submitted after the approval by the Board of County Commissioners and prior to the issuance of the Class I permit.

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 wetlands.

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 – Not Applicable.

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 does not involve the creation of boat slips.

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

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

Lisa Spadafina, Chief
Natural Resources Division

Alain Alonso, Biologist II
Coastal and Wetlands Resources Section