



Resilient Environment Department

ENVIRONMENTAL PERMITTING DIVISION

1 North University Drive, Mailbox 201, Plantation, Florida 33324 • 954-519-1483 • FAX 954-519-1412

January 13, 2025

City of Hollywood
c/o Jose Cortes
P.O. Box 229045
Hollywood, FL 33022
E-mail: jcortes@hollywoodfl.org

Re: FDEP Permit No.: 06-0456587-001
RED License No.: GL-HWD2412-032
Expiration Date of FDEP Permit: 01/13/30
Expiration Date of RED License: 01/13/27

Dear Mr. Cortes:

This is to notify you of the Resilient Environment Department's (RED) action concerning your applications received November 22, 2024. The applications have been reviewed for an Environmental Resource General License and Exemption Verification.

This exemption verification and license is issued under the authority of Part IV of Chapter 373, F.S., and Title 62, Florida Administrative Code (F.A.C.). The activity is not exempt to operating agreements executed among the Department of Environmental Protection, Broward County, and the South Florida Water Management District, as outlined in a document entitled "Delegation Agreement Among the Florida Department of Environmental Protection, the South Florida Water Management District, and Broward County," the Resilient Environment Department is responsible for reviewing and taking final agency action on this activity.

This project has also been reviewed in accordance with the provisions of Chapter 27, Article XI Sec. 27-331 through 27-341 of the Broward County Code. This license is issued under the provision of Chapter 27 of the Broward County Code of Ordinances also cited as Broward County Natural Resource Protection Code hereinafter called the Code. The above-named application hereinafter called the licensee, is hereby authorized to perform the work or operate the facility shown on the approved drawing(s), plans, documents, and specifications as submitted by applicant, and made a part hereof and specifically described as follows.

DESCRIPTION OF WORK

For Site 1: the proposed Project includes the installation of 293.57 linear feet (LF) of concrete stem wall upland of the existing seawall and (2) 261 sq ft of ramps and landing areas. Site 18 is proposing the installation of (1) 175 cubic feet (CF) of concrete volume of the proposed cap extension. Demo quantities in cover letter and all proposed work is upland. ***This license does not authorize dredging or any impacts to natural resources.***

LOCATION OF WORK

This project is located at N. Ocean Drive & Johnson Street (Site 1) and 804 S Ocean Drive (Site 18), in the City of Hollywood, Florida. Folio Number: 514213010010 & 514213010642.

Construction shall be in accordance with the Environmental Resource General License application (GL) received on November 22, 2024, the ERP application received on November 22, 2024, all additional information submitted, plans stamped by the Department (attached) and with all General and Specific Conditions of this license.

Your request has been reviewed to determine whether it qualifies for (1) regulatory exemption, (2) proprietary authorization (related to state-owned submerged lands), and (3) federal approval that may be necessary for work in wetlands or waters of the United States.

Your project did not qualify for the federal review portion of this verification request. **Additional authorization must be obtained prior to commencement of the proposed activity.** This letter does not relieve you from the responsibility of obtaining other federal, state, or local authorizations that may be required for the activity. Please refer to the specific section(s) dealing with that portion of the review below for advice on how to proceed. State water quality certification is waived for activities that are exempt under rule 62-330.051, F.A.C.

If you change the project from what you submitted, the authorization(s) granted may no longer be valid at the time of commencement of the project. Please contact us prior to beginning your project if you wish to make any changes.

1. Regulatory Review – Verified

Based on the information submitted, the Department has verified that the activity as proposed is exempt under Chapter 62-330.051(12)(d), Florida Administrative Code, from the need to obtain a regulatory permit under part IV of Chapter 373 of the Florida Statutes.

This exemption verification is based on the information you provided the Department and the statutes and rules in effect when the information was submitted. This verification may not be valid if site conditions materially change, the project design is modified, or the statutes or rules governing the exempt activity are amended. In the event you need to re-verify the exempt status for the activity, a new request and verification fee will be required. Any substantial modifications to the project design should be submitted to the Department for review, as changes may result in a permit being required.

2. Proprietary Review – Not required

The activity does not appear to be located on sovereign submerged lands and does not require further authorization under Chapter 253 of the Florida Statutes, or Chapters 18-20 or 18-21 of the Florida Administrative Code.

3. Federal Review – Not approved

Your proposed activity as outlined on your application and attached drawings does not qualify for Federal authorization pursuant to the State Programmatic General Permit V-R1 and a SEPARATE permit or authorization shall be required from the Corps. You must apply separately to the Corps using their APPLICATION FOR DEPARTMENT OF THE ARMY PERMIT, ENG FORM 4345, or alternative as allowed by their regulations. More information on Corps permitting may be found online in the Jacksonville District Regulatory Division Source Book at: <https://www.saj.usace.army.mil/Missions/Regulatory/Source-Book>.

Authority for review - an agreement with the USACOE entitled “Coordination Agreement Between the U.S. Army Corps of Engineers (Jacksonville District) and Broward County Environmental Protection and Growth Management Department, State Programmatic General Permit”, Section 10 of the Rivers and Harbor Act of 1899, and Section 404 of the Clean Water Act.

GENERAL CONSENT CONDITIONS:

- (1) Authorizations are valid only for the specified activity or use. Any unauthorized deviation from the specified activity or use and the conditions for undertaking that activity or use shall constitute a violation. Violation of the authorization shall result in suspension or revocation of the grantee's use of the sovereignty submerged land unless cured to the satisfaction of the Board.
- (2) Authorizations convey no title to sovereignty submerged land or water column, nor do they constitute recognition or acknowledgment of any other person's title to such land or water.
- (3) Authorizations may be modified, suspended or revoked in accordance with their terms or the remedies provided in Sections 253.04 and 258.46, F.S., or Chapter 18-14, F.A.C.
- (4) Structures or activities shall be constructed and used to avoid or minimize adverse impacts to sovereignty submerged lands and resources.
- (5) Construction, use, or operation of the structure or activity shall not adversely affect any species which is endangered, threatened or of special concern, as listed in Rules 68A-27.003, 68A-27.004, and 68A-27.005, F.A.C.
- (6) Structures or activities shall not unreasonably interfere with riparian rights. When a court of competent jurisdiction determines that riparian rights have been unlawfully affected, the structure or activity shall be modified in accordance with the court's decision.
- (7) Structures or activities shall not create a navigational hazard.
- (8) Structures shall be maintained in a functional condition and shall be repaired or removed if they become dilapidated to such an extent that they are no longer functional. This shall not be construed to prohibit the repair or replacement subject to the provisions of Rule 18-21.005, F.A.C., within one year, of a structure damaged in a discrete event such as a storm, flood, accident, or fire.
- (9) Structures or activities shall be constructed, operated, and maintained solely for water dependent purposes, or for non-water dependent activities authorized under paragraph 18-21.004(1)(f), F.A.C., or any other applicable law.

RED/EPGMD GENERAL CONDITIONS:

- (1) The terms, conditions, requirements, limitations and restrictions set forth herein are accepted by the licensee and enforceable by EPGMD pursuant to this chapter. EPGMD will review this license periodically and may revoke the license, initiate administrative and/or judicial action for any violation of the conditions by the licensee, its agents, employees, servants or representatives or principals.
- (2) This license is valid only for the specific uses set forth in the license application, and any deviation from the approved uses may constitute grounds for revocation and enforcement action by EPGMD.
- (3) In the event the licensee is temporarily unable to comply with any of the conditions of the license, the licensee shall notify EPGMD within twelve (12) hours. Within five (5) working days of the event, the licensee shall submit a written report to EPGMD that describes the incident, its cause, the measures being taken to correct the problem and prevent its reoccurrence, the owner's intention toward repair, replacement, and reconstruction of destroyed facilities, and a schedule of action leading toward operation within the license conditions.

(4) The issuance of this license does not convey any vested rights or exclusive privileges, nor does it authorize any injury to public or private property or any invasion of personal rights, or any violations of federal, state or local laws or regulations.

(5) This license must be available for inspection on the licensee's premises during the entire life of the license.

(6) By accepting this license, the licensee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, that are submitted to EPGMD, may be used by EPGMD as evidence in any enforcement proceeding arising under Chapter 27, except where such use is prohibited by § 403.111, F.S.

(7) The licensee agrees to comply with Chapter 27, as amended.

(8) Any new owner of a licensed facility shall apply by letter for a transfer of license within thirty days after sale or legal transfer. The transferor shall remain liable for performance in accordance with the license until the transferee applies for, and is granted the transfer of license. The transferee shall also be liable for performance in accordance with the license.

(9) The licensee, by acceptance of this license, specifically agrees to allow access to the licensed source at reasonable times by EPGMD personnel for the purposes of inspection and testing to determine compliance with this license and this Chapter 27.

(10) This license does not constitute a waiver or approval of any other license that may be required for other aspects of the total project.

(11) If the licensee wishes to renew a license or extend its term, the licensee shall make application sixty (60) days prior to its expiration. Expired licenses are not renewable.

(12) In addition to the general conditions set forth above, each license issued by EPGMD shall contain specific conditions determined by site conditions and requirements pursuant to the regulations as determined by the director of EPGMD. The licensee agrees that specific conditions are enforceable by EPGMD for any violation thereof.

(13) Enforcement of the terms and provisions of this license shall be at the reasonable discretion of EPGMD, and any forbearance on behalf of EPGMD to exercise its rights hereunder in the event of any breach by the licensee, shall not be deemed or construed to be a waiver of EPGMD's rights hereunder.

RED SPECIFIC CONDITIONS:

A. STANDARD CONDITIONS

(1) **Notify the Department in writing a minimum of 48 hours prior to project commencement and a maximum of 48 hours after project completion.** Commencement notification should include such information as the intended start date, estimated duration of construction, and the name and contact information of the firm contracted to do the work. **Failure to comply with this condition will result in enforcement action.**

(2) Any project caused environmental problem(s) shall be reported immediately to the Department's Environmental Response Line at 954-519-1499.

(3) All project generated solid waste and/or spoil material must be disposed of in a suitable approved

manner at an upland location.

(4) Turbidity screens, silt fences, or equivalent shall be properly employed and maintained as necessary to effectively contain suspended sediments and/or runoff during construction activities. **Dredging, filling, excavation, seawall removal, seawall construction, and other projects which result in similar degrees of disturbance to wet sediments shall in all cases employ turbidity control measures designed to effectively enclose the entire work area.**

(5) Only clean fill shall be placed in the water bodies being filled. Any fill material used shall be free of garbage, rubbish, refuse, asphalt, hazardous materials, organic matter such [as] wood, lumber, tree or tree trimmings, or other contaminants. The disposal of any putrescible or deleterious debris in any water body is prohibited.

(6) This license does not eliminate the necessity to obtain any required federal, state, local or special district authorizations prior to the start of any activity approved by this license.

B. PROJECT SPECIFIC CONDITIONS

(1) All watercraft associated with the construction and use of the permitted structure shall only operate within waters of sufficient depth so as to preclude bottom scouring or prop dredging. Specifically, there shall be a minimum 12-inch clearance between the deepest draft of the vessel (with the motor in the down position) and the top of any submerged resources or canal bottom at mean low water.

(2) Backfill material shall be clean fill as defined by Section 27-332 of the Broward County Code of Ordinances.

(3) Construction shall be in accordance with the attached plans and drawings. Any deviation may require a new license and may cause enforcement actions to be initiated.

(4) No dredging other than that required for proper installation of the proposed seawall as authorized by this license.

(5) The seawall wetface shall be located within 1' of the existing seawall wetface and shall be constructed as shown on the attached drawings. The seawall returns shall not conflict with any existing setbacks or drainage or other utility easements.

(6) Turbidity levels shall be monitored and recorded if a visible turbidity plume is observed leaving the site during construction activities. If monitoring reveals that turbidity levels exceed 29 NTU's above natural background 50 feet downstream of the point of discharge, project activities shall immediately cease, and work shall not resume until turbidity levels drop to within these limits (62-302.530(69) Florida Administrative Code [FAC]).

(7) Turbidity screens, silt fences, or equivalent shall be properly employed and maintained as necessary to effectively contain suspended sediments and/or runoff during construction activities. Dredging, filling, excavation, seawall removal, seawall construction, and other projects which result in similar degrees of disturbance to wet sediments shall in all cases employ turbidity control measures designed to effectively enclose the entire work area. Connected turbidity curtain segments shall be overlapped and tied at the top and bottom so as to prevent turbidity from escaping through gaps between segments.

C. A COPY OF THIS LICENSE SHALL BE KEPT ON SITE DURING ALL PHASES OF LICENSED CONSTRUCTION.

NOTICE OF RIGHTS

This action is final and effective on the date filed with the Clerk of the Department unless a petition for an administrative hearing is timely filed under Sections 120.569 and 120.57, F.S., before the deadline for filing a petition. On the filing of a timely and sufficient petition, this action will not be final and effective until further order of the Department. Because the administrative hearing process is designed to formulate final agency action, the hearing process may result in a modification of the agency action or even denial of the application.

Petition for Administrative Hearing

A person whose substantial interests are affected by the Department's action may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. Pursuant to Rule 28-106.201, F.A.C., a petition for an administrative hearing must contain the following information:

- (a) The name and address of each agency affected and each agency's file or identification number, if known;
- (b) The name, address, any email address, any facsimile number, and telephone number of the petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests are or will be affected by the agency determination;
- (c) A statement of when and how the petitioner received notice of the agency decision;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- (e) A concise statement of the ultimate facts alleged, including the specific facts that the petitioner contends warrant reversal or modification of the agency's proposed action;
- (f) A statement of the specific rules or statutes that the petitioner contends require reversal or modification of the agency's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wishes the agency to take with respect to the agency's proposed action.

The petition must be filed (received by the Clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000. Also, a copy of the petition shall be mailed to the applicant at the address indicated above at the time of filing.

Time Period for Filing a Petition

In accordance with Rule 62-110.106(3), F.A.C., petitions for an administrative hearing by the applicant must be filed within 21 days of receipt of this written notice. Petitions filed by any persons other than the applicant, and other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 21 days of publication of the notice or within 21 days of receipt of the written notice, whichever occurs first. Under Section 120.60(3), F.S., however, any person who has asked the Department for notice of agency action may file a petition within 21 days of receipt of such notice, regardless of the date of publication. The failure to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

Extension of Time

Under Rule 62-110.106(4), F.A.C., a person whose substantial interests are affected by the Department's action may also request an extension of time to file a petition for an administrative hearing. The Department may, for good cause shown, grant the request for an extension of time. Requests for extension of time must be filed with the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, before the applicable deadline for filing a petition for an administrative hearing. A timely request for extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

Mediation

Mediation is not available in this proceeding.

FLAWAC Review

The applicant, or any party within the meaning of Section 373.114(1)(a) or 373.4275, F.S., may also seek appellate review of this order before the Land and Water Adjudicatory Commission under Section 373.114(1) or 373.4275, F.S. Requests for review before the Land and Water Adjudicatory Commission must be filed with the Secretary of the Commission and served on the Department within 20 days from the date when this order is filed with the Clerk of the Department.

Judicial Review

Once this decision becomes final, any party to this action has the right to seek judicial review pursuant to Section 120.68, F.S., by filing a Notice of Appeal pursuant to Rules 9.110 and 9.190, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 3900 Commonwealth Boulevard, M.S. 35, Tallahassee, Florida 32399-3000; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date this action is filed with the Clerk of the Department.

If you revise your project after submitting the initial joint application, please contact us as soon as possible. Also, if you have any questions, please contact Francisco Alvaro at (954) 519-1467 or via e-mail at FAlvaro@Broward.org. When referring to this project, please use the County file number listed above.

Executed in Plantation, Florida.

BROWARD COUNTY RESILIENT ENVIRONMENT DEPARTMENT as delegated by the STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Francisco Alvaro **August 23, 2023**

Natural Resource Specialist

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this determination, including all copies were sent on the filing date below to the listed persons.

Cummins Cederberg (via e-mail)

FILING AND ACKNOWLEDGMENT

FILED, on this date, pursuant to 120.52 Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

Francisco Alvaro January 13, 2025
Clerk Date

Enclosures:

1. Attachment A - Specific Exemption Rule
2. One copy of stamped drawings (5 pages)
3. Broward County RED/EPGMD Variance and Administrative Review Procedures
4. Standard Manatee Conditions for In-Water Work, 2011, 2 pages

Attachment A

Chapter 62-330.051 Exempt Activities.

The activities meeting the limitations and restrictions below are exempt from permitting. However, if located in, on, or over state-owned submerged lands, they are subject to a separate authorization under Chapters 253 and 258, F.S., and Chapters 18-18, 18-20, and 18-21, F.A.C., as applicable.

(12) Construction, Replacement, Restoration, Enhancement, and Repair of Seawall, Riprap, and Other Shoreline Stabilization –

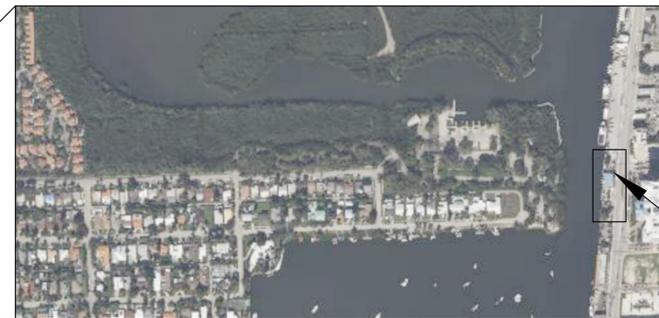
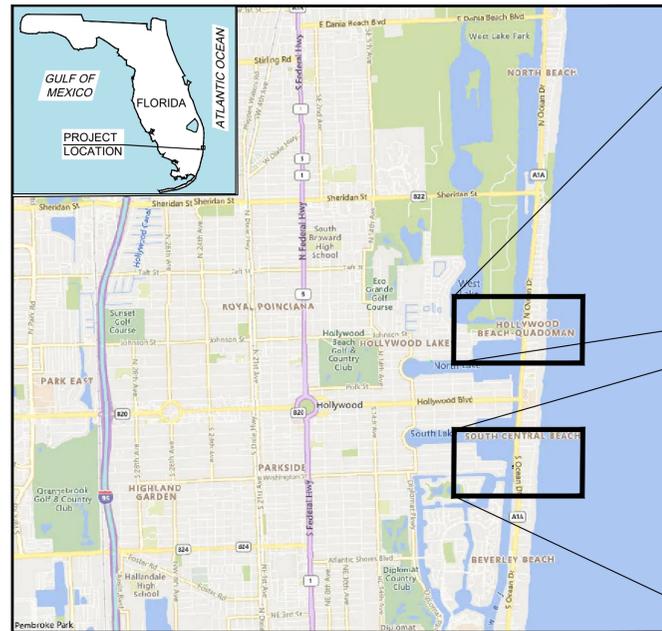
(d) Installation of batter piles, king piles, or a seawall cap, used exclusively to stabilize and repair seawalls, provided they do not impede navigation.

CITY OF HOLLYWOOD

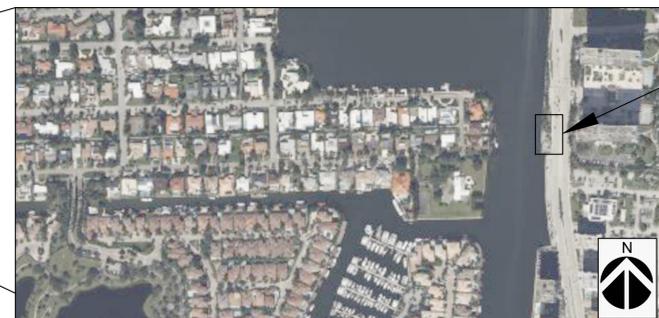
TIDAL FLOODING MITIGATION AND SHORELINE PROTECTION

SITES 1 & 18

CITY OF HOLLYWOOD PROJECT NO. DCM-001187



SITE 1
N OCEAN DR. &
JOHNSON STREET



SITE 18
804 S. OCEAN DR.

CLIENT:



CITY OF HOLLYWOOD
DEPARTMENT OF DESIGN AND
CONSTRUCTION MANAGEMENT
2600 HOLLYWOOD BLVD.
HOLLYWOOD, FL 33020

PRIME CONSULTANT:



COASTAL, MARINE & ENVIRONMENTAL
888 S. ANDREWS AVE. STE. 206
FORT LAUDERDALE, FL 33304
TEL: 954-880-1646

SUBCONSULTANTS:



CURTIS + ROGERS
LANDSCAPE ARCHITECTURE
3440 HOLLYWOOD BLVD. STE. 415
HOLLYWOOD, FL 33021
TEL: 954-610-4412



CHEN MOORE AND ASSOCIATES
CIVIL ENGINEER
500 W. CYPRESS CREEK RD. STE. 600
FORT LAUDERDALE, FL 33309
TEL: 954-730-0707



NIV5
GEOTECHNICAL ENGINEER
200 SOUTH PARK RD. STE. 350
HOLLYWOOD, FL 33021
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BRIZAGA
PUBLIC OUTREACH
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TEL: 954-834-3533

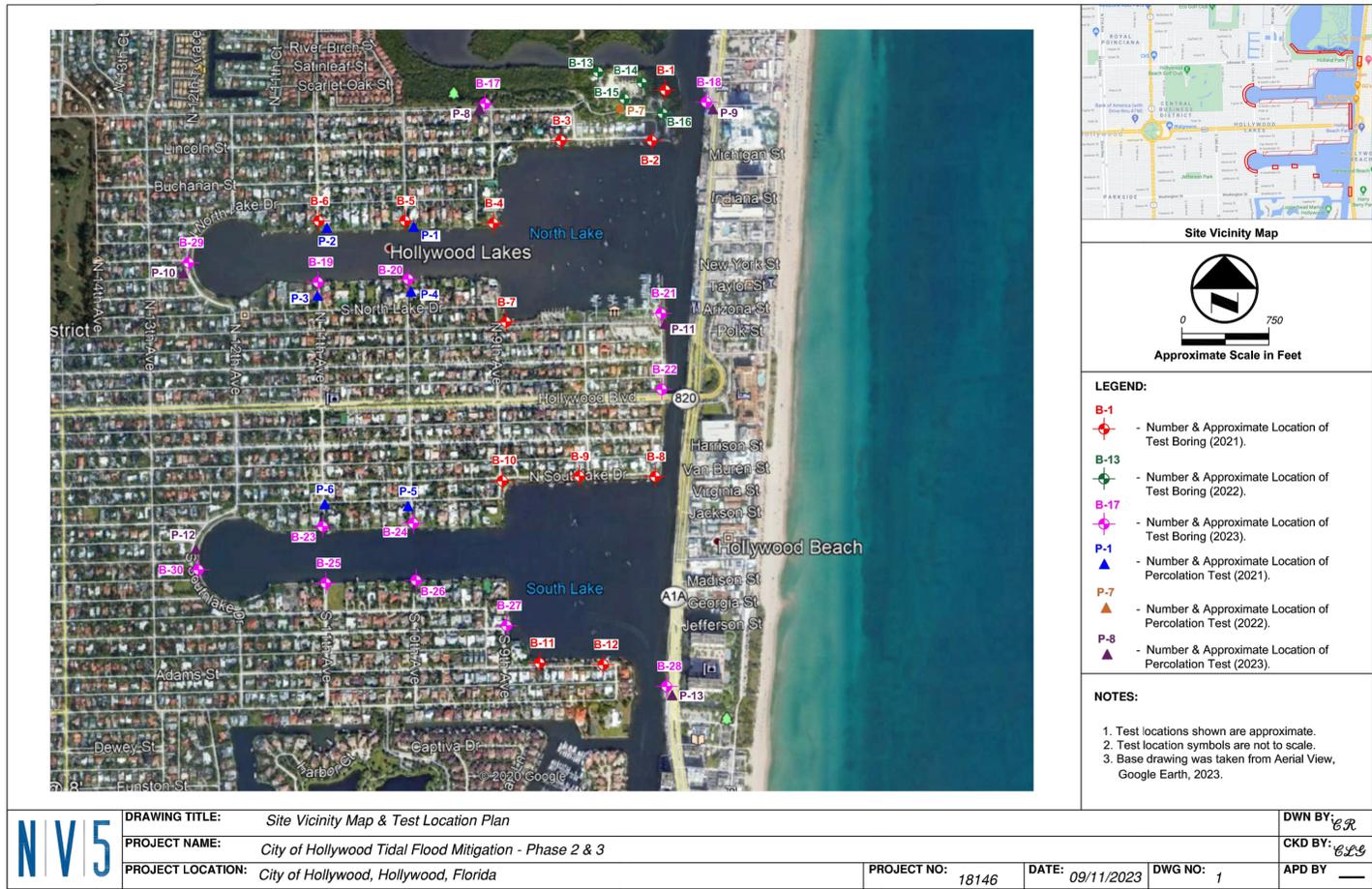


KEITH & ASSOCIATES SURVEYOR
301 E. ATLANTIC BLVD.
POMPANO BEACH, FL 33060
TEL: 954-788-3400

NOT FOR CONSTRUCTION
PERMIT DRAWINGS
FOR REGULATORY REVIEW
11/21/2024



\\10.10.2.2\c\Projects\84300 - Drawings\SITES\84300 - SITES 1 & 18\WORKING\2024-11-21\84300 HOLLYWOOD SITES 1 & 18.dwg



NV5	DRAWING TITLE: Site Vicinity Map & Test Location Plan	DWN BY: ER
	PROJECT NAME: City of Hollywood Tidal Flood Mitigation - Phase 2 & 3	CKD BY: ELS
	PROJECT LOCATION: City of Hollywood, Hollywood, Florida	APD BY: _____
	PROJECT NO.: 18146	DATE: 09/11/2023

PROJECT:
CITY OF HOLLYWOOD TIDAL FLOODING MITIGATION AND SHORELINE PROTECTION PROJECT - SITES 1 & 18

PROJECT NO.: DCM-001187

CLIENT:
CITY OF HOLLYWOOD, FL
DEPARTMENT OF DESIGN AND CONSTRUCTION MANAGEMENT
2600 HOLLYWOOD BLVD.
HOLLYWOOD FL. 33020



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FORT LAUDERDALE, FL 33309
TEL: 954-834-3533

BORING NUMBER B-18						
DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	BLOW COUNTS (N VALUE)	U.S.C.S. GRAPHIC LOG	MATERIAL DESCRIPTION	ELEVATION (ft. NAVD)
0					0.3 - 4" of Asphalt	-3.0
15-30-18	SPT 54	15 (48)	15	GP	LIMESTONE FRAGMENTS, dense, brown to light brown, with sand	2.0
12-6-7-9	SPT 50	13 (13)	13		SAND, medium dense, fine, gray, with a trace of limestone fragments and organics	0
7-6-7-4	SPT 58	13 (13)	13	SP	SAND, medium dense, fine, dark gray, with a trace of limestone fragments, silt and organics	5
1-1-1-1	SPT 54	(2)	2		SAND, very loose, fine, dark gray, with a trace of limestone fragments and organics	-4.0
1-1-1-1	SPT 46	(2)	2		SILT, very soft, gray, with a trace of organic	-5
				ML		
37-5-4-4	SPT 38	(9)	9		LIMESTONE, very soft, gray, with a trace of silt	-10
23-27-19-22	SPT 83	(46)	46	LS	LIMESTONE, moderately hard, light gray	-15
39-15-7-12	SPT 79	(22)	22		LIMESTONE, soft, light gray	-20
8-5-1-1	SPT 42	(6)	6	SS	SANDSTONE, very soft, light gray, with a trace of sand	-25
	SPT 100	501* (100)	100		SANDSTONE, very hard, light gray	-30
					Boring terminated at 50.0 feet.	-46.0

(Continued Next Page)

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BORING NUMBER B-18						
DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	BLOW COUNTS (N VALUE)	U.S.C.S. GRAPHIC LOG	MATERIAL DESCRIPTION	ELEVATION (ft. NAVD)
35						-35
40	SPT 46	4-3-4-5 (7)	7	SP	SAND, loose, fine to medium, light gray, with shells, trace of limestone fragments	-35
	SPT 100	501* (100)	100		SANDSTONE, very hard, light gray	-40
45				SS		-45
50	SPT 54	20-11-10-11 (21)	21		SANDSTONE, soft, gray, with sand	-45
					Boring terminated at 50.0 feet.	-46.0

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SOUTH FLORIDA WATER MANAGEMENT DISTRICT
" USUAL OPEN - HOLE TEST "

HYDRAULIC CONDUCTIVITY

K = Hydraulic Conductivity = $4Q / [\pi d (2H_2^2 + 4H_2D_3 + H_2d)]$

5.67E-04 CFS/FT²-FT HEAD

Time (Min.)	Flow (GPM)	Q = Average Flow Rate =	0.022280 CFS
1	10.00		
2	10.00		
3	10.00		
4	10.00		
5	10.00		
6	10.00		
7	10.00		
8	10.00		
9	10.00		
10	10.00		

d = Diameter of Test Hole = 3.0 inches
H₂ = Head on Water Table = 3.8 feet
D₃ = Depth below Ground Water Table = 11.2 feet

TEST LOCATION: See Drawing No. 1
TEST ELEVATION: +4.0' NAVD (Estimated)
DEPTH TO WATER TABLE H₁: 3.8' Below Existing Grade
DEPTH OF TEST HOLE: 15.0' Below Existing Grade
AVERAGE FLOW RATE: 10.00 GPM

SOIL PROFILE:
0.0'-2.0' 4" of Asphalt over brown to light brown Limestone Fragments with sand
2.0'-8.0' Gray to dark Sand with a trace of limestone fragments and organics
8.0'-13.0' Gray Silt with a trace of organics
13.0'-15.0' Gray Limestone with a trace of silt

NOTES: 1) The subsurface profile is determined by cuttings & should not be relied upon as an accurate record of material type or for transition zones.
2) K value calculated using PVC diameter of 3 inches.

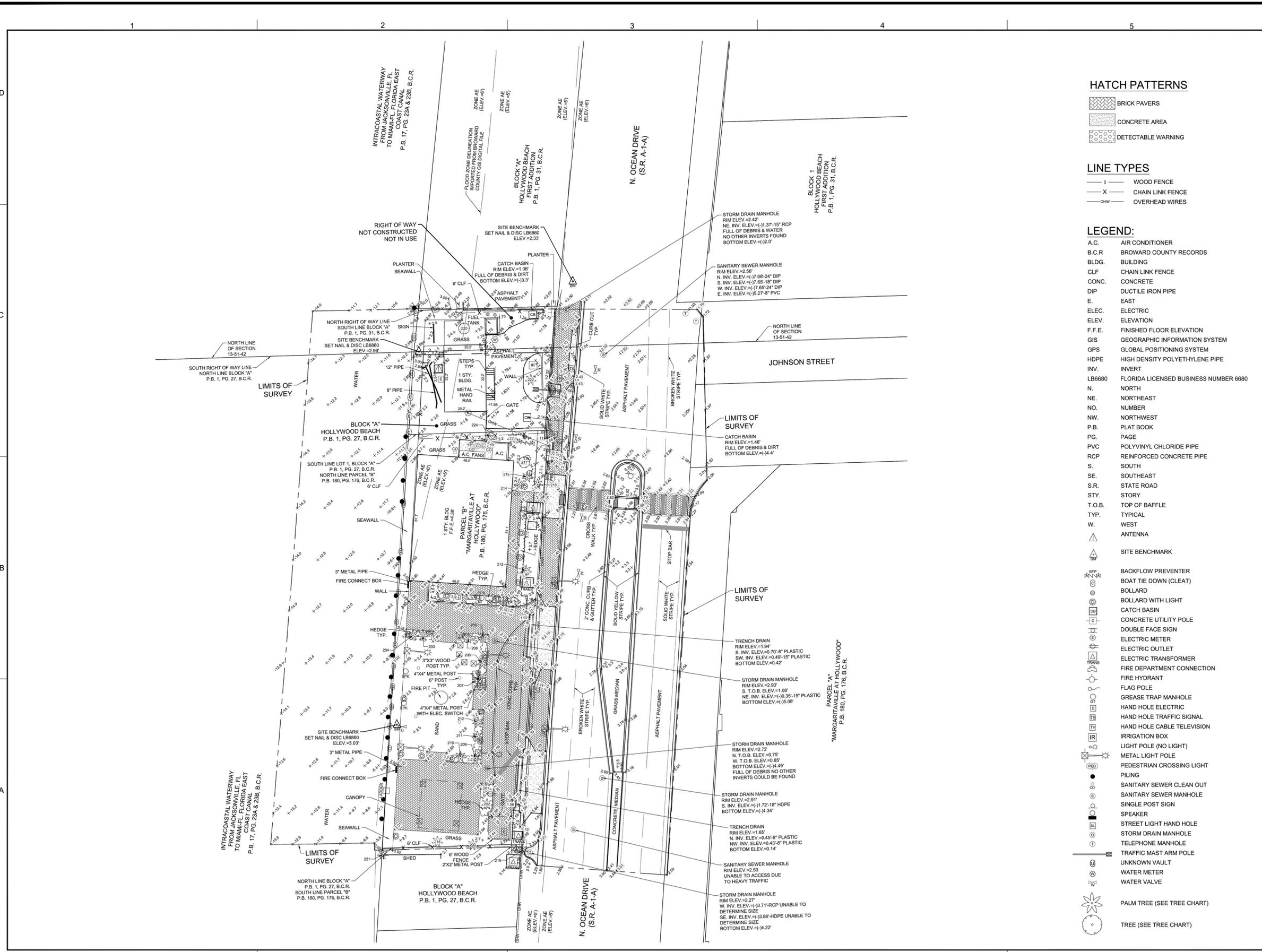
PERCOLATION TEST

PROJECT NAME: City of Hollywood Tidal Flooding Mitigation - Phase 2 & 3
PROJECT LOCATION: City of Hollywood, Hollywood, Florida
PROJECT NO.: 18146 TEST DATE: 09/07/2023 TEST NO.: P-9
TESTED BY: J. Rivera / O. Pacheco CHECKED BY: CLG

PAGE B-9

PERMIT DRAWINGS	SUBMISSION / REVISION
ISSUE DATE	11/21/2024
CC PROJECT NO.:	84300
DRAWN:	SV
CHECKED:	SO
SCALE:	SCALES PERTAIN TO 22"x34" SHEET SIZE
SHEET TITLE	
GEOTECHNICAL BORINGS SITE 1	
CM-1.2	

\\10.10.2.0\c\Projects\84300_Hollywood_Tidal_Flooding & Shoreline\Drawings\SITES\84300 - SITES 1 & 18\WORKING\2024-11-21\18.dwg



HATCH PATTERNS

- BRICK PAVERS
- CONCRETE AREA
- DETECTABLE WARNING

LINE TYPES

- WOOD FENCE
- CHAIN LINK FENCE
- OVERHEAD WIRES

LEGEND:

- A.C. AIR CONDITIONER
- B.C.R. BROWARD COUNTY RECORDS
- BLDG. BUILDING
- CLF. CHAIN LINK FENCE
- CONC. CONCRETE
- DIP. DUCTILE IRON PIPE
- E. EAST
- ELEC. ELECTRIC
- ELEV. ELEVATION
- F.F.E. FINISHED FLOOR ELEVATION
- GIS. GEOGRAPHIC INFORMATION SYSTEM
- GPS. GLOBAL POSITIONING SYSTEM
- HDPE. HIGH DENSITY POLYETHYLENE PIPE
- INV. INVERT
- LB6880. FLORIDA LICENSED BUSINESS NUMBER 6880
- N. NORTH
- NE. NORTHEAST
- NO. NUMBER
- NW. NORTHWEST
- P.B. PLAT BOOK
- P.G. PAGE
- PVC. POLYVINYL CHLORIDE PIPE
- RCP. REINFORCED CONCRETE PIPE
- S. SOUTH
- SE. SOUTHEAST
- S.R. STATE ROAD
- STY. STORY
- T.O.B. TOP OF BAFFLE
- TYP. TYPICAL
- W. WEST
- ANTENNA

- SITE BENCHMARK
- BACKFLOW PREVENTER
- BOAT TIE DOWN (CLEAT)
- BOLLARD
- BOLLARD WITH LIGHT
- CATCH BASIN
- CONCRETE UTILITY POLE
- DOUBLE FACE SIGN
- ELECTRIC METER
- ELECTRIC OUTLET
- ELECTRIC TRANSFORMER
- FIRE DEPARTMENT CONNECTION
- FIRE HYDRANT
- FLAG POLE
- GREASE TRAP MANHOLE
- HAND HOLE ELECTRIC
- HAND HOLE TRAFFIC SIGNAL
- HAND HOLE CABLE TELEVISION
- IRRIGATION BOX
- LIGHT POLE (NO LIGHT)
- METAL LIGHT POLE
- PEDESTRIAN CROSSING LIGHT
- PILING
- SANITARY SEWER CLEAN OUT
- SANITARY SEWER MANHOLE
- SINGLE POST SIGN
- SPEAKER
- STREET LIGHT HAND HOLE
- STORM DRAIN MANHOLE
- TELEPHONE MANHOLE
- TRAFFIC MAST ARM POLE
- UNKNOWN VAULT
- WATER METER
- WATER VALVE
- PALM TREE (SEE TREE CHART)
- TREE (SEE TREE CHART)

KEITH
 301 East Atlantic Blvd. Pompano Beach, FL 33060
 PH: (954) 788-3400
 Florida Certificate of Authorization: 7928
 Licensed Business Number: 6860

REVISIONS		
NO.	DESCRIPTION	DATE
1	ADDITIONAL TOPO	09/08/23
2	BOUNDARY LABELS	09/13/23

DATE:	05/11/23
DRAWN BY:	DDB
CHECKED BY:	DAS
FIELD BOOK:	1072

N	
GRAPHIC SCALE	
0 20 40	
SCALE: 1" = 20'	
NOTE: PRINTED DRAWING SIZE MAY HAVE CHANGED FROM ORIGINAL. VERIFY SCALE USING BAR SCALE ABOVE.	

HOLLYWOOD TIDAL FLOODING MITIGATION SITE NO. 1
 A PORTION OF N. OCEAN DRIVE (S.R. A-1-A) AND A PORTION OF JOHNSON STREET (NOT CONSTRUCTED) P.B. 1, PG. 31, B.C.R. AND ALL OF LOT 1 BLOCK A, HOLLYWOOD BEACH P.B. 1, PG. 27, B.C.R. AND PARCEL "B", "MARGARITAVILLE AT HOLLYWOOD" P.B. 180, PG. 176, B.C.R.

HYDROGRAPHIC & TOPOGRAPHIC SURVEY

SHEET NUMBER **2 OF 2**
 PROJECT NUMBER **11162.04**

CC PROJECT NO:	84300
DRAWN:	SV
CHECKED:	SO
SCALE:	SCALES PERTAIN TO 22"x34" SHEET SIZE
SHEET TITLE	
SITE 1 - SURVEY	
CM-1.4	

NOTE: SURVEY BY KEITH & ASSOCIATES. SHOWN FOR REFERENCE ONLY. NTS.

PROJECT: CITY OF HOLLYWOOD TIDAL FLOODING MITIGATION AND SHORELINE PROTECTION PROJECT - SITES 1 & 18
 PROJECT NO. DCM-001187

CLIENT: CITY OF HOLLYWOOD, FL DEPARTMENT OF DESIGN AND CONSTRUCTION MANAGEMENT
 2600 HOLLYWOOD BLVD. HOLLYWOOD FL. 33020

PRIME CONSULTANT: CUMMINS CEDERBERG
 COASTAL, MARINE & ENVIRONMENTAL
 888 S. ANDREWS AVE. STE. 206 FORT LAUDERDALE, FL 33304
 TEL: 954-880-1646
 C.O.A. #29062

SUBCONSULTANTS: CURTIS + ROGERS
 LANDSCAPE ARCHITECTURE
 3440 HOLLYWOOD BLVD. STE. 415 HOLLYWOOD, FL 33021
 TEL: 954-610-4412

NIVIS
 GEOTECHNICAL ENGINEER
 200 SOUTH PARK RD. STE. 350 HOLLYWOOD, FL 33021
 TEL: 954-495-2112

KEITH & ASSOCIATES
 SURVEYOR
 301 E. ATLANTIC BLVD. POMPANO BEACH, FL 33060
 TEL: 954-788-3400

CHEN MOORE AND ASSOC
 CIVIL ENGINEER
 500 W. CYPRUSS CREEK RD. STE. 600 FORT LAUDERDALE, FL 33309
 TEL: 954-730-0707

BRIZAGA
 PUBLIC OUTREACH
 2101 W. COMMERCIAL BLVD. STE. 4600 FORT LAUDERDALE, FL 33309
 TEL: 954-834-3533

DATE	11/21/2024
ISSUE	
PERMIT DRAWINGS	
SUBMISSION / REVISION	

DATE	11/21/2024
ISSUE	
PERMIT DRAWINGS	
SUBMISSION / REVISION	

CC PROJECT NO: 84300

\\10.10.02.02\Projects\84300_Hollywood_Tidal_Flooding & Shoreline\03 - Drawings\SITES\84300 - SITES 1 & 18\WORKING\2024-11-21\1P_84300_HOLLYWOOD_SITES_1 & 18.dwg



EXISTING SITE 1
SCALE: 1" = 20'

DEMOLITION QUANTITIES - SITE 1		
ITEM	UNIT	QTY.
PLANTER DEMO	SQ. FT.	88.8
STAIRWELL	SQ. FT.	23.5

PROJECT:
CITY OF HOLLYWOOD TIDAL FLOODING MITIGATION AND SHORELINE PROTECTION PROJECT - SITES 1 & 18

PROJECT NO. DCM-001187

CLIENT:
CITY OF HOLLYWOOD, FL
DEPARTMENT OF DESIGN AND CONSTRUCTION MANAGEMENT

2600 HOLLYWOOD BLVD.
HOLLYWOOD FL. 33020



PRIME CONSULTANT:
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HOLLYWOOD, FL 33021
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BRIZAGA
PUBLIC OUTREACH
2101 W. COMMERCIAL BLVD. STE. 4600
FORT LAUDERDALE, FL 33309
TEL: 954-634-3533

ISSUE	DATE	PERMIT DRAWINGS	SUBMISSION / REVISION
	11/21/2024		

CC PROJECT NO: 84300
DRAWN: SV
CHECKED: SO
SCALE: SCALES PERTAIN TO 22"x34" SHEET SIZE

SHEET TITLE
SITE 1 - EXIST. CONDITIONS & DEMO PLANS

CM-2.0

PROJECT:
CITY OF HOLLYWOOD TIDAL
FLOODING MITIGATION AND
SHORELINE PROTECTION
PROJECT - SITES 1 & 18

PROJECT NO. DCM-001187

CLIENT:
CITY OF HOLLYWOOD, FL
DEPARTMENT OF DESIGN
AND CONSTRUCTION
MANAGEMENT

2600 HOLLYWOOD BLVD.
HOLLYWOOD FL. 33020



PRIME CONSULTANT:
CUMMINS CEDERBERG
COASTAL, MARINE & ENVIRONMENTAL
888 S. ANDREWS AVE. STE. 206
FORT LAUDERDALE, FL 33304
TEL: 954-880-1646
C.O.A. #29062

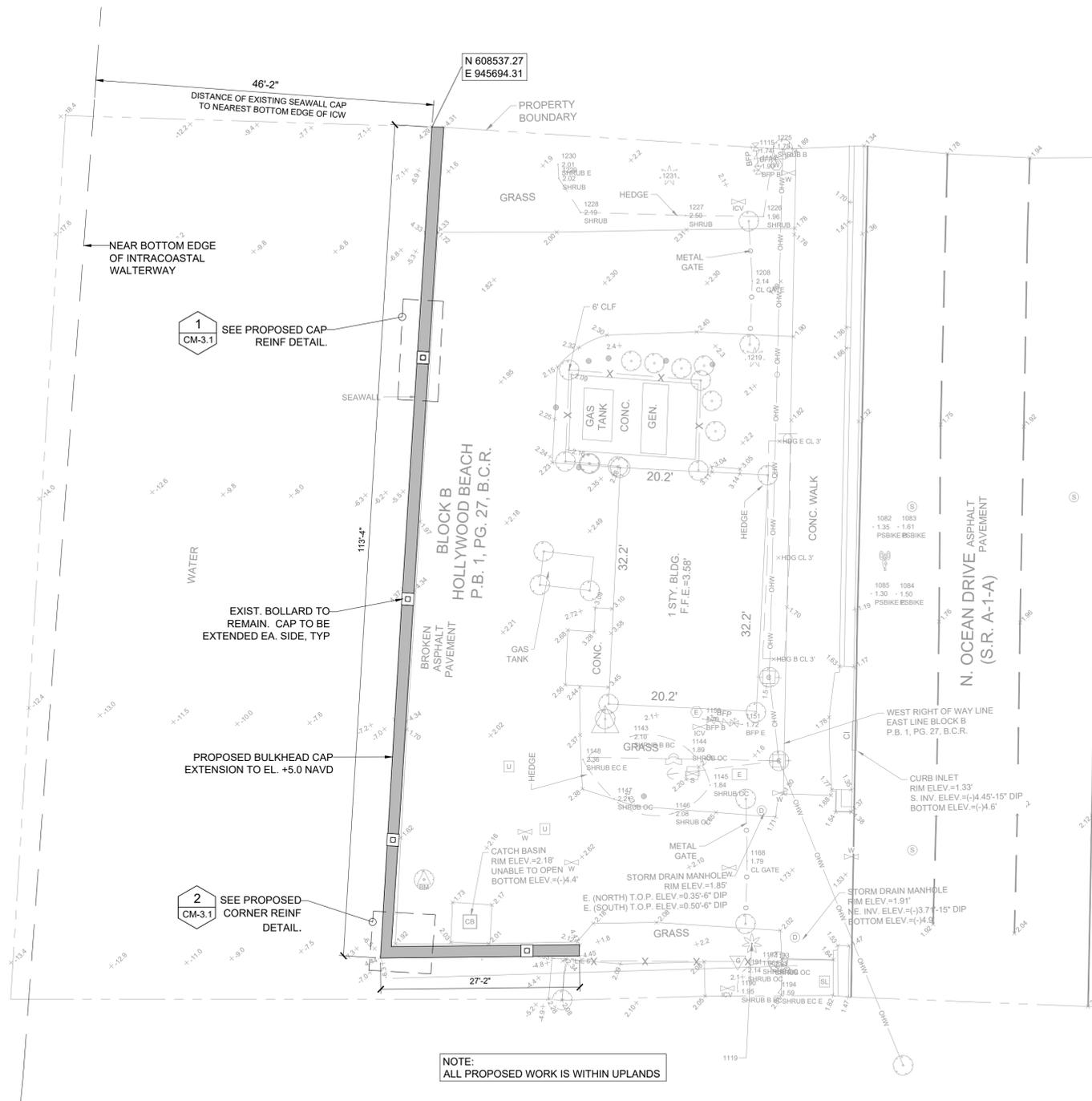
SUBCONSULTANTS:
CURTIS + ROGERS
LANDSCAPE ARCHITECTURE
3440 HOLLYWOOD BLVD. STE. 415
HOLLYWOOD, FL 33021
TEL: 954-610-4412

N|V|S
GEOTECHNICAL ENGINEER
200 SOUTH PARK RD. STE. 350
HOLLYWOOD, FL 33021
TEL: 954-495-2112

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301 E. ATLANTIC BLVD.
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500 W. CYPRESS CREEK RD. STE. 600
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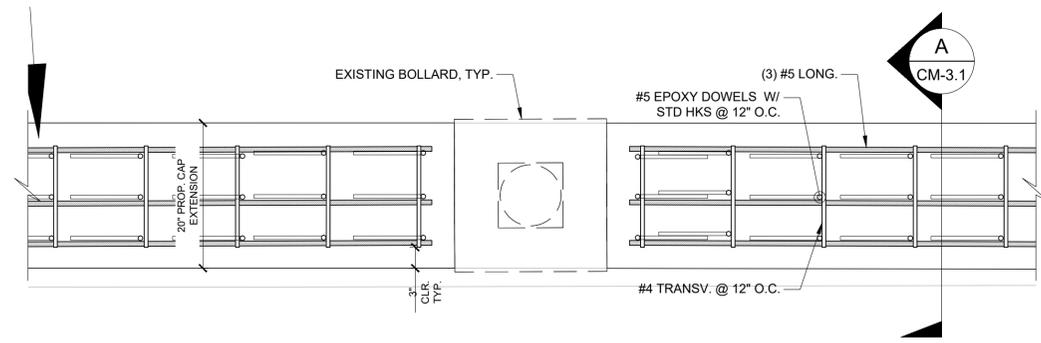
BRIZAGA
PUBLIC OUTREACH
2101 W. COMMERCIAL BLVD. STE. 4600
FORT LAUDERDALE, FL 33309
TEL: 954-834-3533



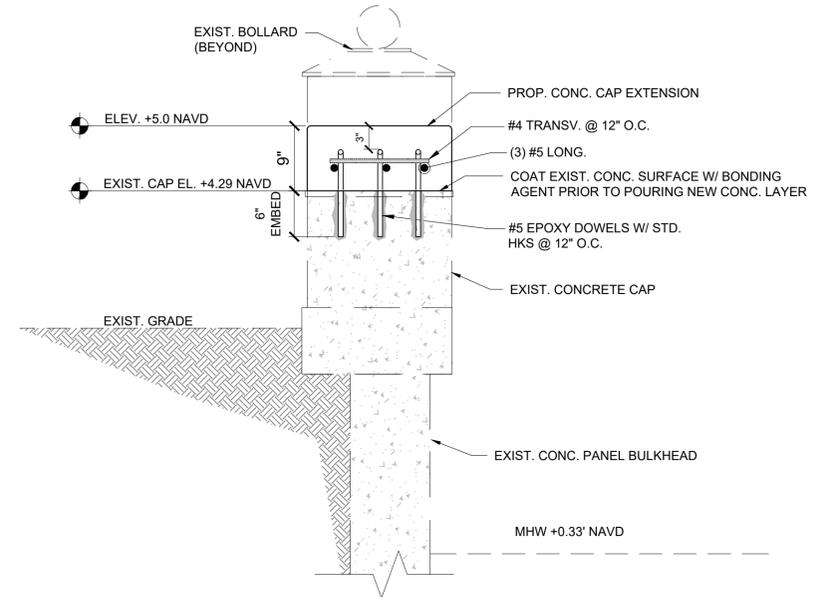
NOTE:
ALL PROPOSED WORK IS WITHIN UPLANDS

SITE 18 - PROPOSED WORK
SCALE: 1" = 10'

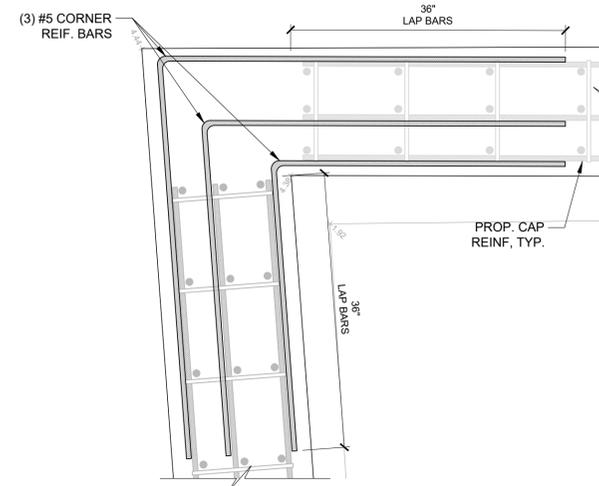
PROPOSED WORK QUANTITIES - SITE 18	
LENGTH OF EXIST. CAP	140.5 L.F.
CONC. VOLUME OF PROP. CAP EXTENSION	175.0 C.F.



1 PROPOSED CAP EXTENSION REINF. DETAIL
CM-3.1 SCALE: 1" = 1'



PROPOSED CAP EXTENSION REINF. SECTION A
SCALE: 1" = 1' CM-3.1



2 PROPOSED CORNER REINF. DETAIL
CM-3.1 SCALE: 1" = 1'

ISSUE	DATE	PERMIT DRAWINGS	SUBMISSION / REVISION
	11/21/2024		

CC PROJECT NO: 84300
DRAWN: SV
CHECKED: SO
SCALE: SCALES PERTAIN TO 22"x34" SHEET SIZE

SHEET TITLE
SITE 18 - PROPOSED SITE PLAN & DETAILS

CM-3.1

Sec. 27-14. Administrative review of EPGMD determinations.

- (a) A person with a substantial interest may file a petition to request review of or to intervene in a review of a final administrative determination made pursuant to this chapter concerning:
- (1) The requirement that a facility or activity obtain a license or environmental review approval.
 - (2) Interpretations of license or environmental review approval conditions.
 - (3) Interpretations of variance conditions.
 - (4) The decision to suspend or revoke a license or environmental review approval.
 - (5) The requirement of certain license conditions.
 - (6) The issuance of a license or environmental review approval.
 - (7) The denial of a license or environmental review approval.
 - (8) The scope of a license or environmental review approval, geographic or otherwise.
 - (9) The scope of a variance, geographic or otherwise.
 - (10) The issuance of a stop work order.
 - (11) Similar final administrative determinations.

This administrative review procedure shall be the only means of review available for the above final administrative determinations by either the petitioner or the intervenor (the parties).

- (b) person may not obtain review by this procedure of:
- (1) The issuance or adjudication of or other matters involving a notice of violation or a citation.
 - (2) Internal policy decisions
- (c) A person desiring a review of a staff determination made pursuant to this Chapter shall first bring the determination to the attention of the appropriate section supervisor to attempt to resolve the matter. If a resolution cannot be reached, then the decision shall be reviewed by successive supervisory levels until the issue is resolved or reaches the level of the director or his or her designee for the final determination.
- (d) A person desiring administrative review of a final determination made by the director or the designee shall file a petition with the director for review by the hearing examiner. The petition shall be filed within ten (10) days from the rendition of the action taken or of the decision made by the director. An entity whose license or approval is being challenged shall be a party to the action.
- (e) The review shall not be heard until the provisions of subsection (f) are met. Upon motion to the hearing examiner, an insufficient petition shall be dismissed with or without leave to refile. If a petition is determined to be insufficient by the hearing examiner and the petitioner has been given leave to refile by the hearing examiner, unless otherwise ordered by the hearing examiner, the petitioner must refile within ten (10) days of the rendition of the order of dismissal or the petition will be dismissed with prejudice.

- (f) A sufficient petition for review or petition for intervention in the review shall, at a minimum, contain the following information:
- (1) The nature of the determination sought to be reviewed.
 - (2) A short, plain statement of the facts which form the subject matter upon which the determination was made as asserted by all parties of record at the time that the petition is filed; a statement of the material facts in dispute, if any. If any party is unable to state the matters in sufficient detail at the time initial petition is filed, the petition may be limited to a statement of the issues involved; and thereafter, upon timely written motion, a more definite and detailed statement shall be furnished not less than seven (7) days prior to the date set for the hearing.
 - (3) The specific determination for which the review is sought.
 - (4) The specific legal grounds upon which the parties seek review of the determination.
 - (5) A short statement of the petitioner's or the intervenor's substantial interest in the matter to be reviewed.
 - (6) The specific section of this chapter on which the decision is based, if known, and the specific section that the parties allege should control the decision, if known.
 - (7) A copy of the director's or the designee's written final determination.
 - (8) A statement of the relief requested stating precisely the action that the petitioner wants EPGMD to take with respect to the final determination.
- (g) All pleadings or other documents filed in the proceeding must be signed by a party, the party's attorney, or the party's qualified representative. The signature of a party, the party's attorney or a party's qualified representative constitutes a certificate that he or she has read the pleading or other document and that to the best of his or her knowledge, information, and belief formed after reasonable inquiry, it is not brought for any improper purposes, such as to harass or to cause unnecessary delay or for frivolous purpose or needless increase in the cost of litigation. If a pleading or other document is signed in violation of these requirements, the hearing examiner, upon motion or his or her own initiative, shall dismiss the matter.
- (h) A petitioner or intervenor may request an emergency hearing to stay all activities or work conducted pursuant to the challenged license or approval. Such petitioner or intervenor has the burden of proof to show by a preponderance of the evidence that the continued activities would cause substantial pollution or degradation to the environment. An emergency hearing shall be scheduled by EPGMD and be held within five (5) days of said request or as soon thereafter as possible subject to the availability of the hearing examiner. The petitioner or intervenor shall comply with the notice provisions of section 27-14(j)(2)a. and c. and section 27-14(j)(3) and (4) of this chapter.
- (i) The petition for review will not stay environmental protection activities required for the remediation or mitigation of a site or facility, the protection of the environment or the health, safety and welfare of the citizens of Broward County, or the prevention of further environmental degradation. The person responsible for these activities must take all necessary steps to prevent environmental degradation and must conduct the remediation or mitigation activities required by this chapter. The director may allow these activities to be delayed until after the hearing examiner's decision by certifying to

the hearing examiner that, by reason of facts stated in the certificate, a delay in the initiation or completion of these activities would not cause substantial environmental degradation or peril to life or property. The delay for conducting these activities may be subject to appropriate terms to ensure protection of the environment. The person responsible for these activities shall be responsible for any environmental damage or any violation of this chapter caused by the delay.

(j) Notice and Scheduling Requirements:

- (1) The hearing on the review shall be scheduled within a reasonable time. It shall be the responsibility of the petitioner to request through EPGMD that the hearing date be scheduled. It shall also be the responsibility of the petitioner to give notice in accordance with this section at least ten (10) days prior to the hearing.
 - (2) The petitioner shall give notice of the hearing by:
 - a. Giving personal notice to all proper parties; and
 - b. Publishing notice on two (2) days in a newspaper of general circulation in the county; and
 - c. Posting notice at a location determined by the Broward County Administrator's Office.
 - (3) The petitioner shall bear the cost of giving notice.
 - (4) The notice shall contain, at a minimum:
 - a. A description and location of the facility or the activity to be conducted by the petitioner; and
 - b. The time and place of the hearing.
- (k) The petitioner shall bear the cost of accurately and completely preserving all testimony and providing full or partial transcripts to all parties.
- (l) The hearing shall be a quasi-judicial hearing.
- (1) The applicant/petitioner requesting the administrative review, any intervenor/petitioner and EPGMD shall have an opportunity to respond to and to present witnesses, other evidence and argument on all issues involved, to conduct cross-examination and submit rebuttal evidence, to submit proposed findings of facts and orders, and to be represented by counsel. Members of the general public who are not intervenors as set forth in Section 27-14 of this chapter are not parties to the proceeding.
 - (2) When appropriate, the general public may be given an opportunity to present oral or written communications. If the hearing examiner proposes to consider such material, then all parties shall be given an opportunity to cross-examine, challenge or rebut it.
- (m) Denial, protest of, revocation, or suspension of a license, environmental review approval, or any other approval:
- (1) In regard to denial or protest of approval of a license and any other review of an administrative decision, notwithstanding (2) below, the petitioner shall have the burden of showing, by a preponderance of the evidence, that the determination of the director was an arbitrary and/or capricious abuse of discretion, not supported by competent, substantial evidence or not in conformance with the

essential requirements of this chapter. The hearing examiner shall not substitute his or her judgment for that of EPGMD on an issue of discretion even though the hearing examiner may have reached a different conclusion based on the same facts.

- (2) In an action to revoke or suspend a valid license or approval, the burden shall be upon EPGMD to prove, by a preponderance of the evidence in an administrative hearing, the grounds for revocation or suspension. The license holder or approval recipient shall be provided notice of the hearing and a copy of the petition stating the grounds for revocation or suspension as provided in section 27-63 of this chapter. The petition shall state with specificity the acts complained of in order to allow the license holder or approval recipient an opportunity to prepare a defense. The hearing shall be conducted in accordance with the provisions of Section 27-37 of this chapter.
- (n) Findings of fact shall be based exclusively on the evidence of record and on matters officially recognized.
 - (o) If the hearing examiner finds that the director or his or her designee has erroneously interpreted a provision and that a correct interpretation compels a particular action, he or she shall remand the case to the director or his or her designee for further action under a correct interpretation of the provision.
 - (p) The hearing examiner shall complete and submit to the director and all parties a final order consisting of his or her findings of fact and conclusions of law.
 - (q) A party to the hearing may obtain appellate review of the final order as provided by section 27-42 of this chapter.
 - (r) A petitioner or intervenor shall pay a filing fee at the time the application for review is filed. The amount of the filing fee shall be set by resolution of the Board.

(Ord. No. 2003-34, § 1, 9-23-03; Ord. No. 2005-08, § 2.03, 4-26-05)
Secs. 27-15--27-19. Reserved.

STANDARD MANATEE CONDITIONS FOR IN-WATER WORK

2011

The permittee shall comply with the following conditions intended to protect manatees from direct project effects:

- a. All personnel associated with the project shall be instructed about the presence of manatees and manatee speed zones, and the need to avoid collisions with and injury to manatees. The permittee shall advise all construction personnel that there are civil and criminal penalties for harming, harassing, or killing manatees which are protected under the Marine Mammal Protection Act, the Endangered Species Act, and the Florida Manatee Sanctuary Act.
- b. All vessels associated with the construction project shall operate at "Idle Speed/No Wake" at all times while in the immediate area and while in water where the draft of the vessel provides less than a four-foot clearance from the bottom. All vessels will follow routes of deep water whenever possible.
- c. Siltation or turbidity barriers shall be made of material in which manatees cannot become entangled, shall be properly secured, and shall be regularly monitored to avoid manatee entanglement or entrapment. Barriers must not impede manatee movement.
- d. All on-site project personnel are responsible for observing water-related activities for the presence of manatee(s). All in-water operations, including vessels, must be shutdown if a manatee(s) comes within 50 feet of the operation. Activities will not resume until the manatee(s) has moved beyond the 50-foot radius of the project operation, or until 30 minutes elapses if the manatee(s) has not reappeared within 50 feet of the operation. Animals must not be herded away or harassed into leaving.
- e. Any collision with or injury to a manatee shall be reported immediately to the FWC Hotline at 1-888-404-3922. Collision and/or injury should also be reported to the U.S. Fish and Wildlife Service in Jacksonville (1-904-731-3336) for north Florida or Vero Beach (1-772-562-3909) for south Florida, and to FWC at ImperiledSpecies@myFWC.com
- f. Temporary signs concerning manatees shall be posted prior to and during all in-water project activities. All signs are to be removed by the permittee upon completion of the project. Temporary signs that have already been approved for this use by the Florida Fish and Wildlife Conservation Commission (FWC) must be used (see MyFWC.com/manatee). One sign which reads *Caution: Boaters* must be posted. A second sign measuring at least 8 1/2" by 11" explaining the requirements for "Idle Speed/No Wake" and the shut down of in-water operations must be posted in a location prominently visible to all personnel engaged in water-related activities. Questions concerning these signs can be sent to the email address listed above.

CAUTION: MANATEE HABITAT

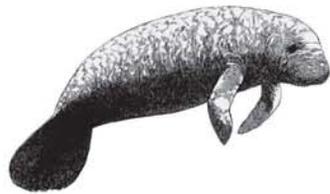
All project vessels

IDLE SPEED / NO WAKE

When a manatee is within 50 feet of work
all in-water activities must

SHUT DOWN

Report any collision with or injury to a manatee:



Wildlife Alert:

1-888-404-FWCC(3922)

cell *FWC or #FWC