



FLORIDA DEPARTMENT OF Environmental Protection

Southeast District Office
3301 Gun Club Road, MSC 7210-1
West Palm Beach, FL 33406
561-681-6600

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Noah Valenstein
Secretary

Project Name: Hamuy Seawall and Dock

Permittee/Authorized Entity:

Jamie Hamuy
1017 Grand Court
Highland Beach, FL 33487

Authorized Agent:

B & M Marine Construction, Inc.
c/o David Nutter, Agent
Email: nutt3839@bellsouth.net

Environmental Resource Permit - Granted

State-owned Submerged Lands Authorization – Not Applicable

**U.S. Army Corps of Engineers Authorization – Separate Corps Authorization
Required**

Permit No.: 50-0378919-001-EI

Permit Issuance Date: February 24, 2020

Permit Construction Phase Expiration Date: February 23, 2025

Environmental Resource Permit

Permit No.: 50-0378919-001-EI

PROJECT LOCATION

The activities authorized by this Permit are located within the Intracoastal Waterway, Class III Waters, adjacent to 1017 Grand Court, Highland Beach (Section 4, Township 47 South, Range 43 East), in Palm Beach County (Latitude N 26° 23' 40.14", Longitude W 80° 4' 12.04").

PROJECT DESCRIPTION

This permit authorizes the removal of an existing 360 sq. ft. dock and pilings and the installation of a 365 sq. ft. dock. The permit also authorizes the installation of 73 ln. ft. of seawall 4 ft. waterward (wetface to wetface) of the existing seawall, including installation of batter piles and construction of 73 ln. ft. of seawall cap over-pour.

This permit authorizes 657 ft² of work in surface waters. Submerged resources are not located within the project boundaries; therefore, there will be no adverse impacts to these resources.

The attached standard manatee conditions (version 2011) shall be adhered to during all in-water work. Prior to construction commencement, weighted floating turbidity curtains, extending to within one-foot from the submerged bottom shall be utilized around the project area to ensure that any turbidity resulting from construction activities will be contained within the project boundaries. All water bodies, including any adjacent submerged aquatic vegetation outside the specific limits of construction authorized by this permit shall be protected from erosion, siltation, sedimentation, and/or scouring.

AUTHORIZATIONS

Environmental Resource Permit

The Department has determined that the activity qualifies for an Environmental Resource Permit. Therefore, the Environmental Resource Permit is hereby granted, pursuant to Part IV of Chapter 373, Florida Statutes (F.S.), and Chapter 62-330, Florida Administrative Code (F.A.C.).

Sovereignty Submerged Lands Authorization

As staff to the Board of Trustees of the Internal Improvement Trust Fund (Board of Trustees), the Department has determined the activity is not on submerged lands owned by the State of Florida. Therefore, your project is not subject to the requirements of Chapter 253, F.S., or Rule 18-21, F.A.C.

Federal Authorization

Your proposed activity as outlined on your application and attached drawings **does not qualify** for Federal authorization pursuant to the State Programmatic General Permit 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 the Florida Department of Environmental Protection (or Duly Authorized Designee), State Programmatic General Permit", Section 10 of the Rivers and Harbor Act of 1899, and Section 404 of the Clean Water Act.

Coastal Zone Management

Issuance of this authorization also constitutes a finding of consistency with Florida's Coastal Zone Management Program, as required by Section 307 of the Coastal Zone Management Act.

Water Quality Certification

This permit also constitutes a water quality certification under Section 401 of the Clean Water Act, 33 U.S.C. 1341.

Other Authorizations

You are advised that authorizations or permits for this activity may be required by other federal, state, regional, or local entities including but not limited to local governments or municipalities. This permit does not relieve you from the requirements to obtain all other required permits or authorizations.

The activity described may be conducted only in accordance with the terms, conditions and attachments contained in this document. Issuance and granting of the permit and authorizations herein do not infer, nor guarantee, nor imply that future permits, authorizations, or modifications will be granted by the Department.

PERMIT

The activities described must be conducted in accordance with:

- **The Specific Conditions**
- **The General Conditions**
- **The limits, conditions and locations of work shown in the attached drawings**
- **The term limits of this authorization**

You are advised to read and understand these conditions and drawings prior to beginning the authorized activities, and to ensure the work is conducted in conformance with all the terms, conditions, and drawings herein. If you are using a contractor, the contractor also should read and understand these conditions and drawings prior to beginning any activity. Failure to comply with these conditions, including any mitigation requirements, shall be grounds for the Department to revoke the permit and authorization and to take appropriate enforcement action.

Operation of the facility is not authorized except when determined to be in conformance with all applicable rules and this permit, as described.

SPECIFIC CONDITIONS- PROJECT FORMS & ATTACHMENTS

(1) The attached project drawings (sheets 1 through 6); the Standard Manatee Conditions for In-Water Work, 2011, and DEP forms 62-330.310(3), 62-330.310(1); 62-330.310(2); 62-330.340(1); and 62-330.350(1), which may be downloaded at <http://www.dep.state.fl.us/water/wetlands/erp/forms.htm> become part of this permit. If the permittee

does not have access to the Internet, please contact the Department at (561) 681-6600 to request the aforementioned forms and/or document(s).

SPECIFIC CONDITIONS - PRIOR TO CONSTRUCTION

(2) After selection of the contractor to perform the authorized activities and prior to the initiation of any work authorized by this permit, the permittee (or authorized agent) and the contractor shall attend a pre-construction conference with a representative of the Department. It shall be the responsibility of the permittee to contact the Department's Compliance Assistance Program, by email SED_Compliance@FloridaDEP.gov, or by phone (561) 681-6600, to schedule the pre-construction conference.

(3) Prior to the initiation of any work authorized by this permit, floating turbidity curtains with weighted skirts that extend to within one foot of the bottom shall be placed around the project site, and shall be maintained and remain in place for the duration of the project construction to ensure that turbid discharges do not occur outside the boundaries of the floating turbidity screens. The permittee shall be responsible for ensuring that turbidity control devices are inspected daily and maintained in good working order during all phases of construction authorized by this permit until all areas that were disturbed during construction are sufficiently stabilized to prevent turbid discharges.

SPECIFIC CONDITIONS – CONSTRUCTION ACTIVITIES

(4) There shall be no storage or stockpiling of tools and materials (i.e., lumber, pilings, debris), along the shoreline adjacent to waters of the state. All excess lumber, scrap wood, trash, garbage, and any other type of debris shall be removed from wetlands/waters of the state within 14 days of completion of the work authorized in this permit. All construction equipment/tools and materials shall be transported to and from the site via upland roadways and barges and all equipment/tools and materials shall be stored on the uplands.

(5) Watercraft associated with the construction of the permitted structure shall operate within waters of sufficient depth to preclude bottom scouring, prop dredging or damage to submerged bottom or submerged resources. During all construction activities, there shall be a minimum of 1-foot clearance between the draft of the construction vessel/barge and the submerged bottom.

SPECIFIC CONDITIONS – MONITORING/REPORTING REQUIREMENTS

(6) Turbidity levels outside the construction area shall not exceed 29 NTU's above background levels. The following measures shall be taken immediately by the permittee whenever turbidity levels within waters of the State surrounding the project site exceed 29 NTUs above background:

- a. Notify the Department at (561) 681-6600 at the time the violation is first detected.
- b. Immediately cease all work contributing to the water quality violation.
- c. Stabilize all exposed soils contributing to the violation. Modify the work procedures that were responsible for the violation, install more turbidity containment devices, and repair any non-functional turbidity containment devices.
- d. As required, perform turbidity monitoring per Specific Conditions.
- e. Resume construction activities once turbidity levels outside turbidity curtains fall below 29 NTUs.

(7) Water turbidity levels shall be monitored if a turbidity plume is observed outside the limits of the required turbidity control devices. Samples shall be taken every four hours until turbidity subsides at one foot above the bottom, mid-depth, and one-foot below the surface at monitoring stations located as follows:

- a. Approximately 100 feet up-current of the work sites and clearly outside the influence of construction activities. (This shall serve as the natural background sample against which other turbidity readings shall be compared.)
- b. Directly outside the turbidity curtains surrounding the work sites and within the densest portion of any visible turbidity plume. (This sample shall serve as the compliance sample.)

(8) During dock and seawall construction activities, the permittee or permittee's contractor shall collect the following turbidity monitoring data at the frequency and water depths directed by the Specific Condition above:

- a. Date and time of sampling event
- b. Turbidity sampling results (background NTUs, compliance NTUs, and the difference between them)
- c. Description of data collection methods
- d. An aerial map indicating the sampling locations
- e. Depth of sample(s)
- f. Weather conditions at times of sampling
- g. Tidal stage and direction of flow

Data shall be collected in a turbidity log and shall include a statement by the individual responsible for implementation of the sampling program attesting to the authenticity, precision, limits of detection, and accuracy of the data. The turbidity log shall be scanned and sent on a weekly basis to the Department's Compliance Assistance Program by email at SED_Compliance@floridadep.gov. The subject line of the email shall include the project name, permit number, and the title "Turbidity Monitoring Reports."

SPECIFIC CONDITIONS – MANATEE CONDITIONS

(9) The permittee shall comply with the standard manatee protection construction conditions listed in the attached "2011 Standard Manatee Conditions for In-Water Work".

SPECIFIC CONDITIONS – LISTED SPECIES

(10) This permit does not authorize the permittee to cause any adverse impact to or "take" of state listed species and other regulated species of fish and wildlife. Compliance with state laws regulating the take of fish and wildlife is the responsibility of the owner or applicant associated with this project. Please refer to Chapter 68A-27 of the Florida Administrative Code for definitions of "take" and a list of fish and wildlife species. If listed species are observed onsite, FWC staff are available to provide decision support information or assist in obtaining the appropriate FWC permits. Most marine endangered and threatened species are statutorily protected and a "take"

permit cannot be issued. Requests for further information or review can be sent to FWCConservationPlanningServices@MyFWC.com.

GENERAL CONDITIONS FOR INDIVIDUAL PERMITS

The following general conditions are binding on all individual permits issued under chapter 62-330, F.A.C., except where the conditions are not applicable to the authorized activity, or where the conditions must be modified to accommodate project-specific conditions.

(1) All activities shall be implemented following the plans, specifications and performance criteria approved by this permit. Any deviations must be authorized in a permit modification in accordance with Rule 62-330.315, F.A.C. Any deviations that are not so authorized may subject the permittee to enforcement action and revocation of the permit under Chapter 373, F.S.

(2) A complete copy of this permit shall be kept at the work site of the permitted activity during the construction phase, and shall be available for review at the work site upon request by the Agency staff. The permittee shall require the contractor to review the complete permit prior to beginning construction.

(3) Activities shall be conducted in a manner that does not cause or contribute to violations of state water quality standards. Performance-based erosion and sediment control best management practices shall be installed immediately prior to, and be maintained during and after construction as needed, to prevent adverse impacts to the water resources and adjacent lands. Such practices shall be in accordance with the State of Florida Erosion and Sediment Control Designer and Reviewer Manual (Florida Department of Environmental Protection and Florida Department of Transportation June 2007), and the Florida Stormwater Erosion and Sedimentation Control Inspector's Manual (Florida Department of Environmental Protection, Nonpoint Source Management Section, Tallahassee, Florida, July 2008), which are both incorporated by reference in subparagraph 62-330.050(9)(b)5., F.A.C., unless a project-specific erosion and sediment control plan is approved or other water quality control measures are required as part of the permit.

(4) At least 48 hours prior to beginning the authorized activities, the permittee shall submit to the Agency a fully executed Form 62-330.350(1), "Construction Commencement Notice," [October 1, 2013], which is incorporated by reference in paragraph 62-330.350(1)(d), F.A.C., indicating the expected start and completion dates. A copy of this form may be obtained from the Agency, as described in subsection 62-330.010(5), F.A.C. If available, an Agency website that fulfills this notification requirement may be used in lieu of the form.

(5) Unless the permit is transferred under Rule 62-330.340, F.A.C., or transferred to an operating entity under Rule 62-330.310, F.A.C., the permittee is liable to comply with the plans, terms and conditions of the permit for the life of the project or activity.

(6) Within 30 days after completing construction of the entire project, or any independent portion of the project, the permittee shall provide the following to the Agency, as applicable:

- a. For an individual, private single-family residential dwelling unit, duplex, triplex, or quadruplex – "Construction Completion and Inspection Certification for Activities Associated With a Private Single-Family Dwelling Unit" [Form 62-330.310(3)]; or

- b. For all other activities – “As-Built Certification and Request for Conversion to Operational Phase” [Form 62-330.310(1)].
- c. If available, an Agency website that fulfills this certification requirement may be used in lieu of the form.

(7) If the final operation and maintenance entity is a third party:

- a. Prior to sales of any lot or unit served by the activity and within one year of permit issuance, or within 30 days of as- built certification, whichever comes first, the permittee shall submit, as applicable, a copy of the operation and maintenance documents (see sections 12.3 thru 12.3.3 of Volume I) as filed with the Department of State, Division of Corporations and a copy of any easement, plat, or deed restriction needed to operate or maintain the project, as recorded with the Clerk of the Court in the County in which the activity is located.
- b. Within 30 days of submittal of the as- built certification, the permittee shall submit “Request for Transfer of Environmental Resource Permit to the Perpetual Operation Entity” [Form 62-330.310(2)] to transfer the permit to the operation and maintenance entity, along with the documentation requested in the form. If available, an Agency website that fulfills this transfer requirement may be used in lieu of the form.

(8) The permittee shall notify the Agency in writing of changes required by any other regulatory agency that require changes to the permitted activity, and any required modification of this permit must be obtained prior to implementing the changes.

(9) This permit does not:

- a. Convey to the permittee any property rights or privileges, or any other rights or privileges other than those specified herein or in Chapter 62-330, F.A.C.;
- b. Convey to the permittee or create in the permittee any interest in real property;
- c. Relieve the permittee from the need to obtain and comply with any other required federal, state, and local authorization, law, rule, or ordinance; or
- d. Authorize any entrance upon or work on property that is not owned, held in easement, or controlled by the permittee.

(10) Prior to conducting any activities on state-owned submerged lands or other lands of the state, title to which is vested in the Board of Trustees of the Internal Improvement Trust Fund, the permittee must receive all necessary approvals and authorizations under Chapters 253 and 258, F.S. Written authorization that requires formal execution by the Board of Trustees of the Internal Improvement Trust Fund shall not be considered received until it has been fully executed.

(11) The permittee shall hold and save the Agency harmless from any and all damages, claims, or liabilities that may arise by reason of the construction, alteration, operation, maintenance, removal, abandonment or use of any project authorized by the permit.

(12) The permittee shall notify the Agency in writing:

- a. Immediately if any previously submitted information is discovered to be inaccurate; and
- b. Within 30 days of any conveyance or division of ownership or control of the property or the system, other than conveyance via a long-term lease, and the new owner shall request transfer of the permit in accordance with Rule 62-330.340, F.A.C. This does not apply to the sale of lots or

units in residential or commercial subdivisions or condominiums where the stormwater management system has been completed and converted to the operation phase.

(13) Upon reasonable notice to the permittee, Agency staff with proper identification shall have permission to enter, inspect, sample and test the project or activities to ensure conformity with the plans and specifications authorized in the permit.

(14) If any prehistoric or historic artifacts, such as pottery or ceramics, stone tools or metal implements, dugout canoes, or any other physical remains that could be associated with Native American cultures, or early colonial or American settlement are encountered at any time within the project site area, work involving subsurface disturbance in the immediate vicinity of such discoveries shall cease. The permittee or other designee shall contact the Florida Department of State, Division of Historical Resources, Compliance and Review Section, at (850) 245-6333 or (800) 847-7278, as well as the appropriate permitting agency office. Such subsurface work shall not resume without verbal or written authorization from the Division of Historical Resources. If unmarked human remains are encountered, all work shall stop immediately and notification shall be provided in accordance with Section 872.05, F.S.

(15) Any delineation of the extent of a wetland or other surface water submitted as part of the permit application, including plans or other supporting documentation, shall not be considered binding unless a specific condition of this permit or a formal determination under Rule 62-330.201, F.A.C., provides otherwise.

(16) The permittee shall provide routine maintenance of all components of the stormwater management system to remove trapped sediments and debris. Removed materials shall be disposed of in a landfill or other uplands in a manner that does not require a permit under Chapter 62-330, F.A.C., or cause violations of state water quality standards.

(17) This permit is issued based on the applicant's submitted information that reasonably demonstrates that adverse water resource-related impacts will not be caused by the completed permit activity. If any adverse impacts result, the Agency will require the permittee to eliminate the cause, obtain any necessary permit modification, and take any necessary corrective actions to resolve the adverse impacts.

(18) A Recorded Notice of Environmental Resource Permit may be recorded in the county public records in accordance with subsection 62-330.090(7), F.A.C. Such notice is not an encumbrance upon the property.

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 a subsequent order of the Department. Because the administrative hearing process is designed to formulate final agency action, the subsequent order may modify or take a different position than this action.

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 Rules 28-106.201 and 28-106.301, 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 e-mail address, any facsimile number, and telephone number of the petitioner, if the petitioner is not represented by an attorney or a qualified representative; 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 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, or via electronic correspondence at Agency_Clerk@dep.state.fl.us. 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 and persons entitled to written notice under Section 120.60(3), F.S., 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. You cannot justifiably rely on the finality of this decision unless notice of this decision and the right of substantially affected persons to challenge this decision has been duly published or otherwise provided to all persons substantially affected by the decision. While you are not required to publish notice of this action, you may elect to do so pursuant Rule 62-110.106(10)(a).

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. If you do not publish notice of this action, this waiver may not apply to persons who have not received a clear point of entry.

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, or via electronic correspondence at Agency_Clerk@dep.state.fl.us, before the 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 Florida Rules of Appellate Procedure 9.110 and 9.190 with the Clerk of the Department in the Office of General Counsel (Station #35, 3900 Commonwealth Boulevard, 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 must be filed within 30 days from the date this action is filed with the Clerk of the Department.

Executed in West Palm Beach, Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION



John Kent Edwards
Program Administrator – Permitting and Waste Cleanup
Southeast District

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this permit and all copies were sent on the filing date below to the following listed persons:

FDEP – Kent Edwards, Jeffrey Meyer, Kaitlyn Mallett, Robert Mullins,
Matt Mitchell, Palm Beach County, Environmental Resources, mmitchell@pbcgov.org

Project Name: Hamuy Seawall and Dock
Permit No.: 50-0378919-001-EI
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FILING AND ACKNOWLEDGMENT

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

Shirley Rende 02/24/2020
Clerk Date

Attachments:

Project Drawings and Design Specs., 5 pages

Standard Manatee Conditions for In-Water Work, 2011

As-built Certification and Request for Conversion to Operational Phase Form 62-330.310(1)*

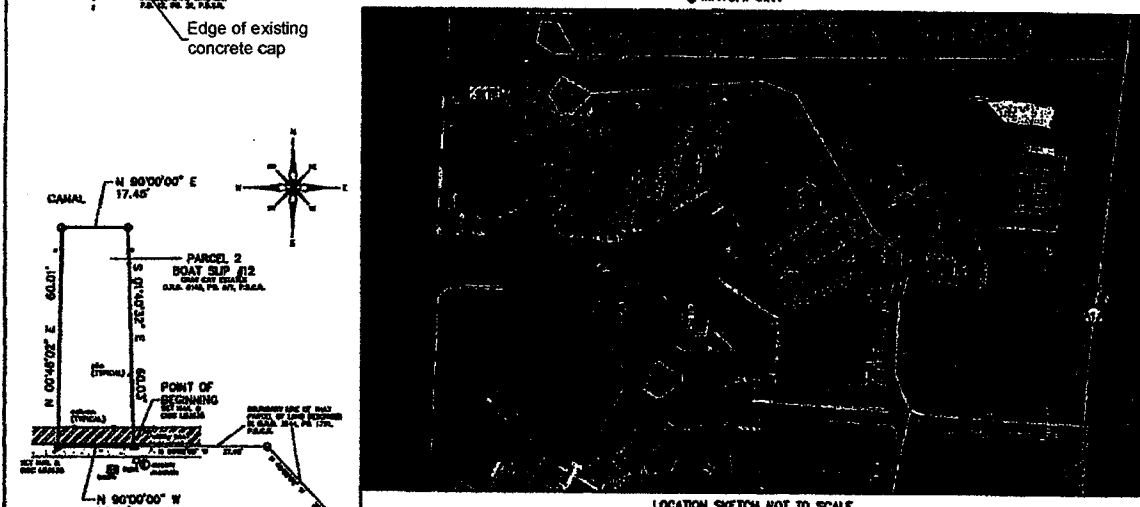
Request for Transfer to the Perpetual Operation Entity Form 62-330.310(2)*

Request to Transfer Permit Form 62-330.340(1)*

Commencement Notice Form 62-330.350(1)*

*Can be downloaded at: <https://floridadep.gov/water/submerged-lands-environmental-resources-coordination/content/forms-environmental-resource>

Existing seawall, cap and pilings to remain



1. Unless otherwise noted field measurements are in agreement with contour measurements.
2. Bearings shown hereon are based on a bearing of South 87 degrees 32' 00" West along said North line of the 1/4 Section 36 of Township 36 North, Range 48 East, Palm Beach County, Florida.
3. The lands shown hereon were not obtained for ownership, rights of way, easements, or other interests by records by Accurate Land Surveyors, Inc.
4. Other natural forces and events if any are not determined.
5. This survey is the property of Accurate Land Surveyors, Inc. and shall not be used or reproduced in whole or in part without written authorization.
6. This survey is made for the exclusive use of the landed hereon, to be valid one year from the date of survey as shown hereon.
7. This survey was made for coverage and title purposes and is not valid for design or construction purposes.

OBSERVED ENCROACHMENTS:
 Driveway and wall in Fraud Court along the East boundary of Parcel 1.
 Dock and piles in Intracoastal Waterway along the West boundary of Parcel 1.
 Piles in canal along the East and West boundary of Parcel 2.
 Shed across South boundary.

CERTIFY TO:
Corporate Title Inc.
Old Republic National Title Insurance
Company
Jamie Hanney and Missy H. Hanney

EXISTING CONDITIONS
SCALE: N.T.S.

Commencing at the Point of Intersection of the North Line of said Section 6B and the West High-Voltage line of State Road A-9 as laid out and shown in said 1900 Page Night-Wire; thence South 89 degrees 52'30" West along said North Line of section 9, a distance of 238.37 feet; thence North 89 degrees 52'30" East, along the most Westerly West line of that parcel of land described in Official Records Book 2644, Page 1629 of the Public Records of Palm Beach County, Florida, a distance of 238.37 feet; thence North 89 degrees 52'30" East, along the most easterly East line of said Official Records Book 2642, Page 457 of the Public Records of Palm Beach County, Florida; thence North 79 degrees 00'00" West along said North Line, a distance of 40.00 feet; thence South 13 degrees 00'00" West, a distance of 24.49 feet; thence South 00 degrees 00'24" West, a distance of 10.00 feet; thence North 89 degrees 52'30" East, a circular curve having its center at the Northwest corner of the intersection of the West line of said Section 6B and the West line of said Section 9, a radius of 15.00 feet and a central angle of 80 degrees 00'00"; thence North 89 degrees 52'30" East along said curve a distance of 23.56 feet to a point of tangency; thence North 00 degrees 59'36" West, a distance of 45.31 feet; thence North 89 degrees 52'30" East, a distance of 105.96 feet to a point on the most Easterly East line of that parcel of land described in Official Records Book 2644, Page 457 of the Public Records of Palm Beach County, Florida; thence North 89 degrees 52'30" East, a distance of 10.00 feet to a point on the West line of said Section 6B, a distance of 10.00 feet; thence North 89 degrees 52'30" East, a distance of 10.00 feet to a point coincident with the boundary of that parcel of land described in Official Records Book 2644, Page 457 of the Public Records of Palm Beach County, Florida; thence North 02 degrees 02'24" East along said East line, a distance of 9.93 feet; thence South 47 degrees 00'24" West, a distance of 14.34 feet; thence North 89 degrees 52'30" East, a distance of 65.38 feet; thence North 43 degrees 00'00" East, a distance of 10.00 feet; thence North 89 degrees 52'30" East, a distance of 10.00 feet; thence North 00 degrees 00'00" East, a distance of 7.00 feet; thence North 89 degrees 52'30" East, a distance of 18.00 feet; thence North 45 degrees 00'00" West, a distance of 38.78 feet; thence West, a distance of 37.40 feet to the Point of Beginning, the last seven deffected courses being coincident with the boundary of that parcel of land described in Official Records Book 2644, Page 457 of the Public Records of Palm Beach County, Florida; thence North 89 degrees 52'30" East, a distance of 10.00 feet; thence North 00 degrees 45'00" East, a distance of 10.00 feet; thence North 00 degrees 00'00" East, a distance of 17.5 feet; thence South 01 degree 00'24" East, a distance of 60.02 feet; thence to the Point of Beginning.

DATE OF FIELD SURVEY 03-02-17		DRAWN BY: JAW	
FIELD BOOK: ALS-BU-17-1518		CHECKED BY: JAW	
STATIONS		DATE	BY

This is to certify that the above ground sketch of boundary survey was made under my responsible charge and is accurate and correct to the best of my knowledge and belief. I further certify that this sketch meets the current standards of practice, established by the Board of Professional Surveyors and Mapmakers, Chapter 60-17, Florida Administrative Code, enacted on 20 October 1989, Section 601.03, Florida Statutes.

Robert L. Thompson (FALCON)

SHEET 1 OF 1 SCALE 1"=20' SKETCH NUMBER 51-17-151B

PREPARED FOR:

**B & M MARINE
CONSTRUCTION, INC.**
3500 S.W. 14TH STREET
DEERFIELD BEACH, FL 33442
954-421-1700 CGC052820

**EMMILL & CONCRETE DOCK FOR
HAMUY RESIDENCE
017 GRAND COURT
HIGHLAND BEACH, FL**

Stagnation

2000年12月

100

11

11

DATE _____

BCA

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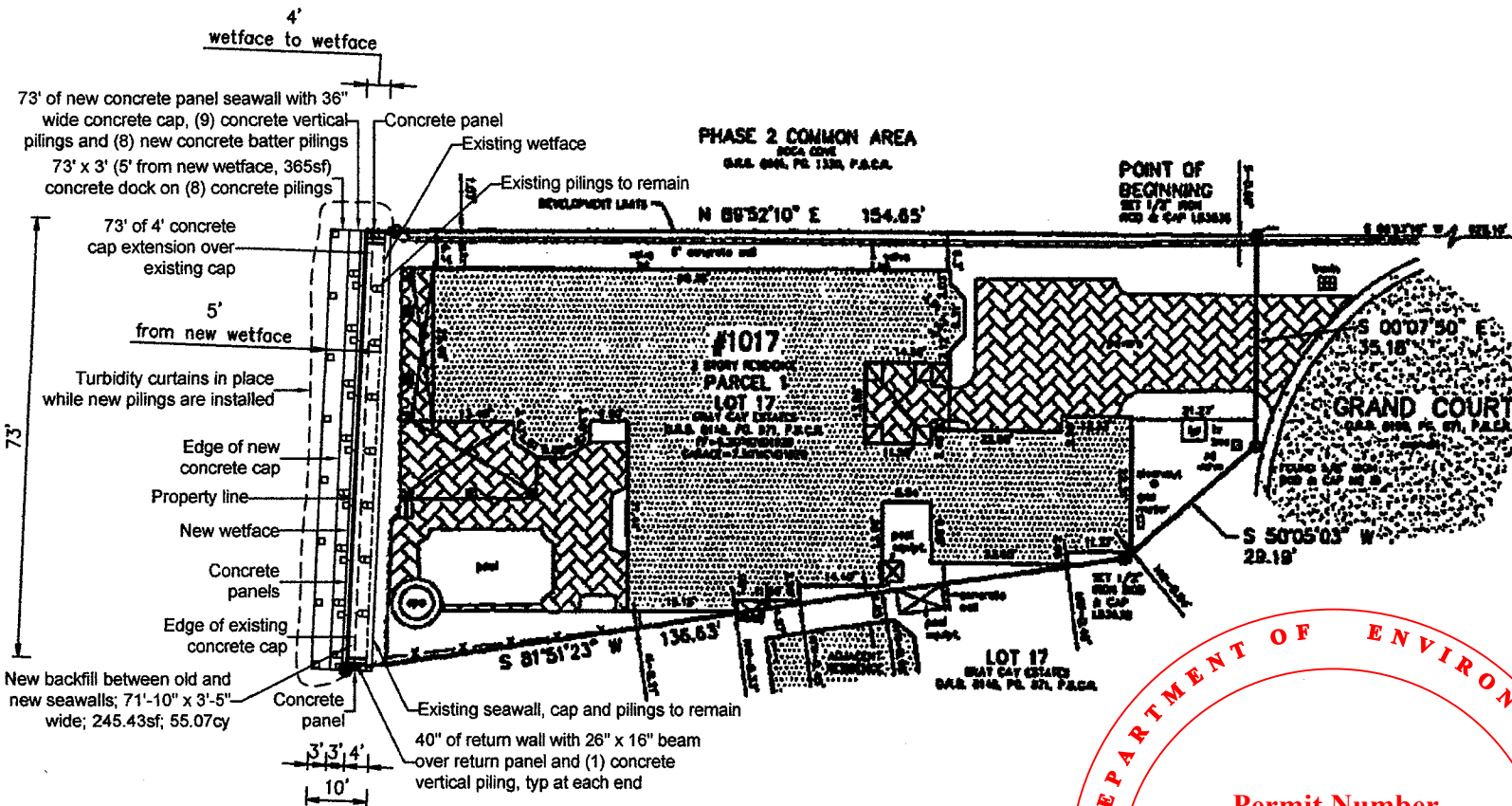
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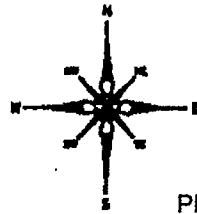
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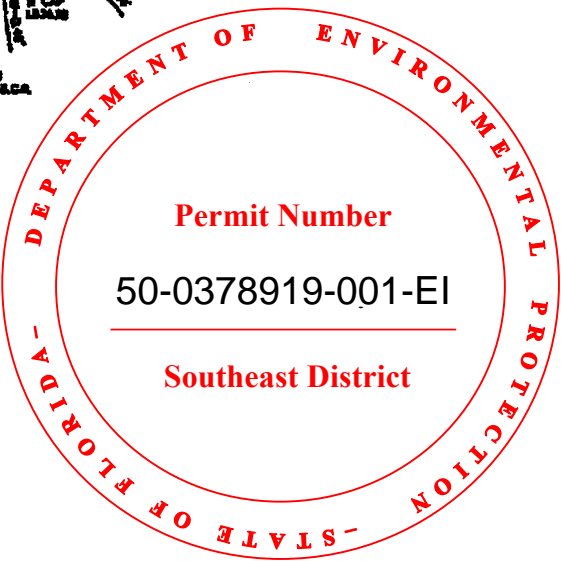
INTRACOASTAL WATERWAY
(300' RIGHT OF WAY)
P.L. 12, 14, 16, P.A.C.A.



FILL VOLUMES (for seawall and backfill):			
Backfill -	71.83' x 3.42' x 6.06' (ave. depth)	245.43sf	55.07cy
Panels -	73.00' x 0.58' x 7.50' (depth)	42.58sf	11.83cy
Return Panels -	6.83' x 0.58' x 7.50' (depth)	3.99sf	1.11cy
Total Fill -		292.00sf	68.01cy



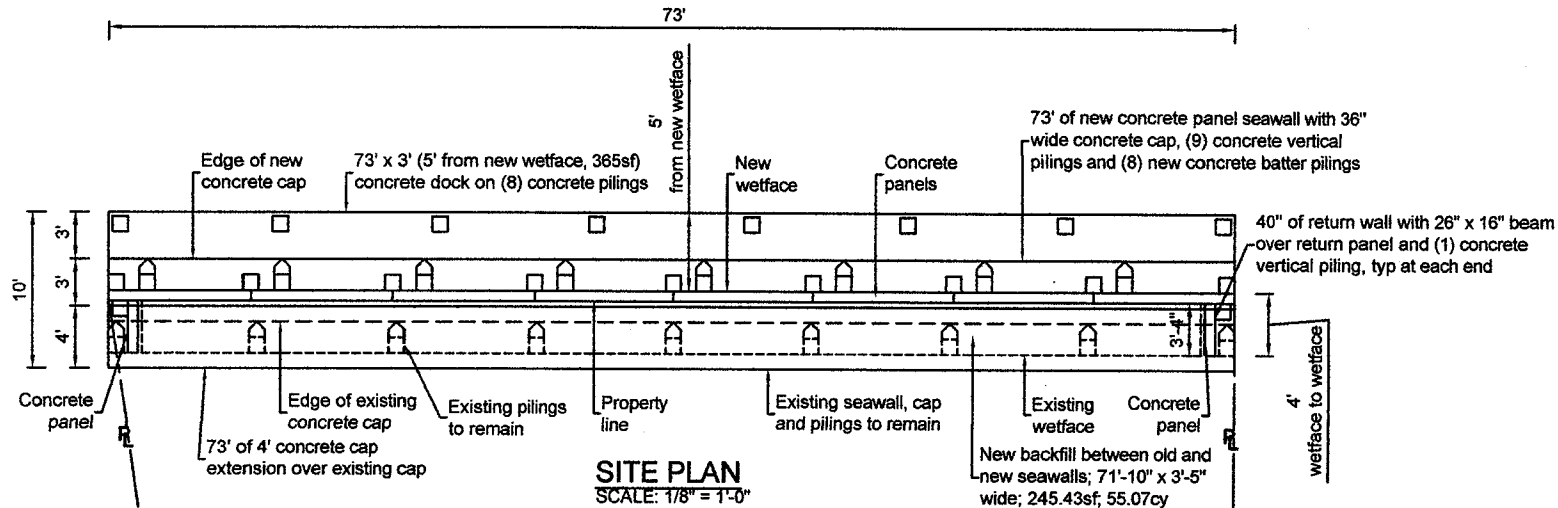
PROPOSED CONDITIONS
SCALE: 1" = 20'-0"



PREPARED FOR:
B & M MARINE, INC.
CONSTRUCTION, INC.
3500 S.W. 14TH STREET
DEERFIELD BEACH, FL 33442
954-421-1700
COC052820

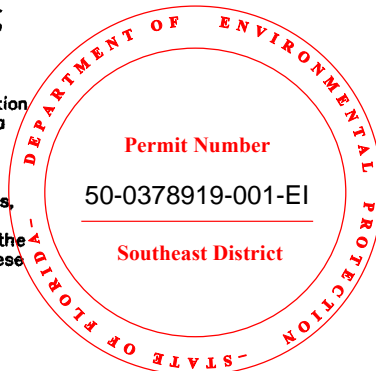
SMALL & CONCRETE DIVISION
HAMILLY RESIDENCE
1017 GRAND COURT
HIGHLAND BEACH, FL

DATE: _____
SCALE: AS NOTED
JOB No: _____
PC



General Notes:

- For all prestressed pilings, extend pilings strands a min. of 18" into cap/dock slab steel or cut strands even w/ top of pilings & dowel & epoxy (2) #5 L-bars, 12" long w/ 12" bend, into top of pilings, w/ a min. of 4" embedment.
- Dowel and epoxy #5 bars or L-bars into top and front of existing cap, staggered @ 24" o.c., min. 4" embedment.
- New batter and vertical pilings and panels to have a minimum 4" penetration into the new cap form.
- All new concrete pilings to be 12" x 12" prestressed pilings with (4) 7/16" strands.
- All pilings shall be driven to develop a minimum allowable bearing capacity of 10 tons and shall penetrate a minimum of 8' into yielding material or 2' min. penetration into rock is required.
- All reinforcing steel shall be grade 60, with a minimum 3" clearance.
- All concrete to be min. 5000 psi @ 28 days.
- Turbidity barriers are to surround all in water construction areas during piling and/or panel installation activities.
- Elevations shown are based on the North American Vertical Datum of 1988.
- Design in accordance with 2017 6th Edition of the Florida Building Code.
- Construction methods, procedures, and sequences are the responsibility of the Contractor. The Contractor shall take the necessary means to maintain and protect the structural integrity and serviceability of the construction at all times.
- Any discrepancies found for any circumstance between the structural plans and the existing conditions found on site and/or any conditions that were omitted on the plans will be the responsibility of the Contractor to immediately bring to the attention of the Engineer of Record.
- Existing conditions are unknown, therefore, worst case conditions have been approximated. All existing conditions are assumed and must be confirmed by the gc after permitting.
- Contractor covenants and agrees to fully indemnify and hold harmless, engineer, and engineer's employees, officers, directors, and representatives, from and against damages, liabilities or costs, including reasonable attorney fees and defense costs, from any and all claims, actions, causes of action, or demands of any kind or nature for loss, damage, or liability arising from Contractor's work under this agreement. The indemnity provided for in this section shall not apply to any liability resulting from defects in plans, designs, or specifications prepared, approved, or used by engineer or negligence of the engineer in the rendition or conduct of professional duties called for or arising out of the construction contract and the plans, designs, or specifications that are a part of the construction contract and arising from personal injury or death, property damage, or any expenses arising therefrom. To that extent, the total liability of Donald Cesarone & Associates, LLC or any of its employees, officers, directors, and representatives due to plan or specifications defects or negligence shall be limited to the sum equal to the amount paid to Donald Cesarone & Associates, LLC., for these engineered drawings. Acceptance and understanding of this agreement are hereby acknowledged.

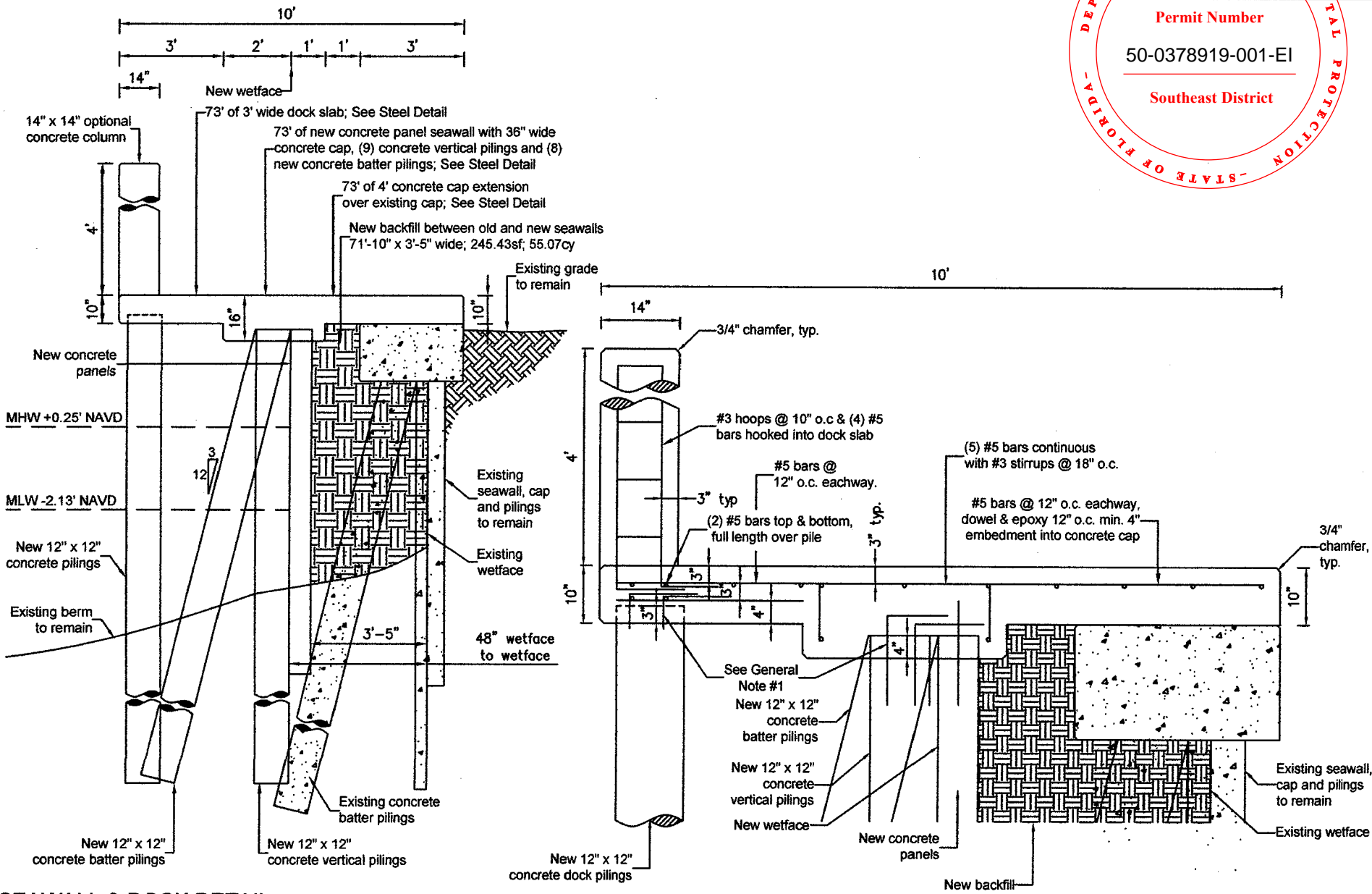
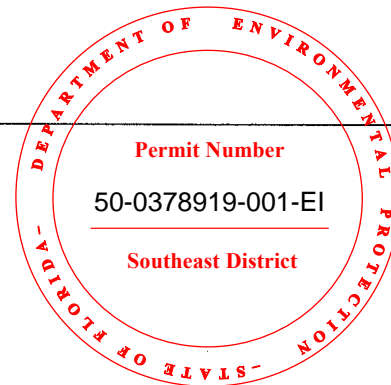


PREPARED FOR:
B & M MARINE, INC.
 3500 S.W. 14TH STREET
 DEERFIELD BEACH, FL 33442
 954-421-1700
 C00052820

SEAL & SIGNATURE OF
 HANLEY RESIDENCE
 1017 GRAND COURT
 HIGHLAND BEACH, FL

DATE: _____
 SCALE: AS NOTED
 2nd Rev: _____

SP



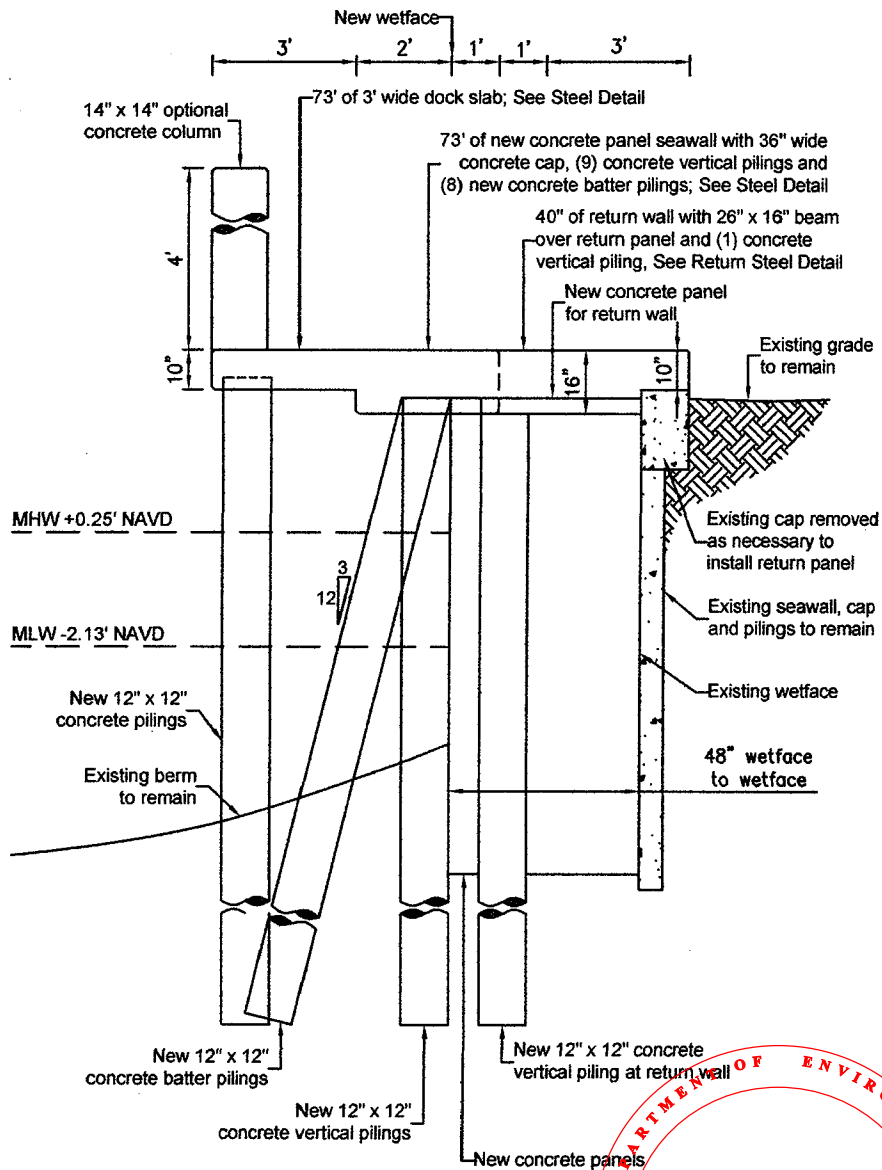
SEAWALL & DOCK DETAIL
SCALE: 3/8" = 1'-0"

STEEL DETAIL
SCALE: 3/4" = 1'-0"

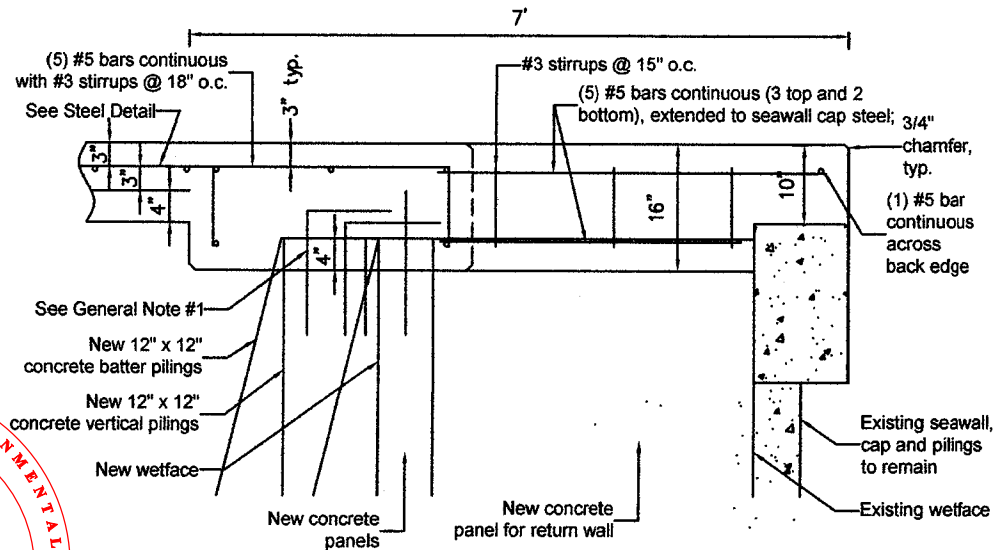
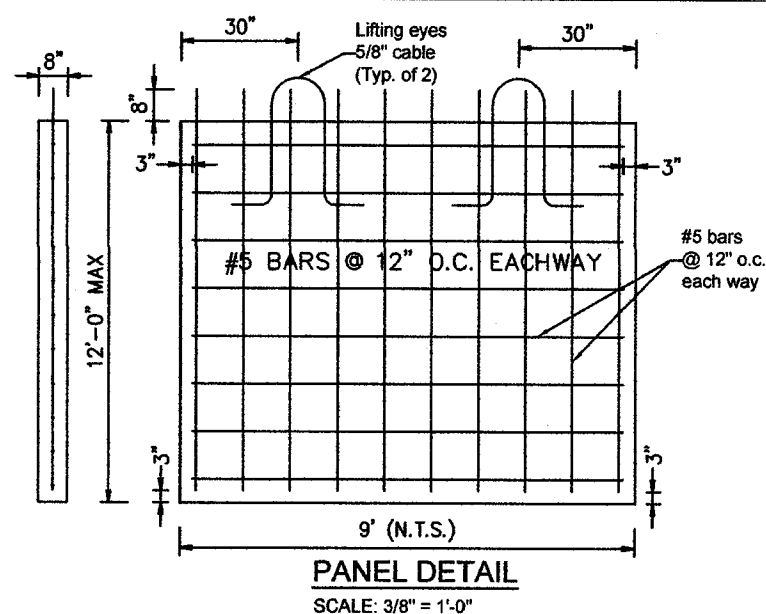
PREPARED FOR:
B & M MARINE, INC.
3500 S.W. 14TH STREET
DEERFIELD BEACH, FL 33442
954-421-1700 C60052820

OWNER:
HAMILY RESIDENCE
1017 GRAND COURT
HIGHLAND BEACH, FL

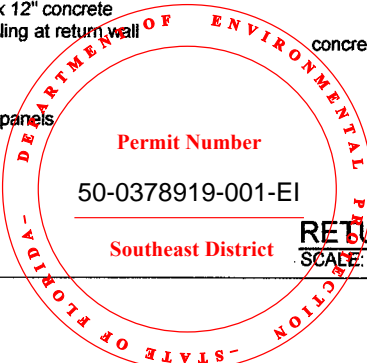
DATE: _____
SCALE: AS NOTED
JOB No: _____
DTL-1



SEAWALL DETAIL
SCALE: 3/8" = 1'-0"



RETURN STEEL DETAIL
SCALE: 3/4" = 1'-0"



PREPARED FOR:		B & M MARINE CONSTRUCTION, INC.	
DRAWN & CHECKED BY:		HAMILY RESIDENCE 1017 GRAND COURT HIGHLAND BEACH, FL	
DATE:		3500 S.W. 14TH STREET DEERFIELD BEACH, FL 33442 954-421-1700 COC052820	
SCALE:		AS NOTED	
JOB NO.:		DTL-2	

STANDARD MANATEE AND MARINE TURTLE CONSTRUCTION CONDITIONS FOR IN-WATER WORK

July 2011

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

- a. All personnel associated with the project shall be instructed about the presence of marine turtles, manatees and manatee speed zones, and the need to avoid collisions with (and injury to) these protected marine species. 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 and marine turtles cannot become entangled, shall be properly secured, and shall be regularly monitored to avoid manatee entanglement or entrapment. Barriers must not impede manatee or marine turtle movement.
- d. All on-site project personnel are responsible for observing water-related activities for the presence of marine turtles and manatee(s). All in-water operations, including vessels, must be shutdown if a marine turtle or manatee comes within 50 feet of the operation. Activities will not resume until the animal(s) has moved beyond the 50-foot radius of the project operation, or until 30 minutes elapses if the animal(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 marine turtle or manatee shall be reported immediately to the Florida Fish and Wildlife Conservation Commission (FWC) Hotline at 1-888-404-3922, and to FWC at ImperiledSpecies@myFWC.com. Collision and/or injury should also be reported to the U.S. Fish and Wildlife Service (for north Florida, Jacksonville 1-904-731-3336 or for south Florida Vero Beach 1-772-562-3909).
- 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 FWC must be used. One sign which reads *Caution: Boaters* must be posted. A second sign measuring at least 8 ½" 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. These signs can be viewed at MyFWC.com/manatee. Questions concerning these signs can be sent to the email address listed above.

CAUTION: MANATEE HABITAT

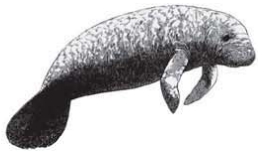
All project vessels

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