



# Florida Department of Environmental Protection

160 W. Government Street, Suite 308  
Pensacola, Florida 32502-5740

Rick Scott  
Governor

Carlos Lopez-Cantera  
Lt. Governor

Jonathan P. Steverson  
Secretary

## Permittee/Authorized Entity:

City of Fort Walton Beach  
Daniel Payne  
107 Miracle Strip Parkway, SW  
Fort Walton Beach, Florida 32548  
[dpayne@fwb.org](mailto:dpayne@fwb.org)

## Walkedge Jetty Replacement

### Authorized Agent:

MRD Associates, Inc.  
Michael Dombrowski  
543 Harbor Boulevard, Suite 204  
Destin, Florida 32541  
[md@mrd-associates.com](mailto:md@mrd-associates.com)

**Environmental Resource Permit  
State-owned Submerged Lands Authorization – Granted Pending Document  
Execution**

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

Okaloosa County  
Permit No.: 46-0144491-008-EI  
Easement No.: 41959  
BOT No.: 460240361

**Permit Issuance Date: October 14, 2016**

**Permit Construction Phase Expiration Date: October 13, 2021**

## **Consolidated Environmental Resource Permit and Sovereignty Submerged Lands Authorization**

**Permittee / Grantee:** City of Fort Walton Beach/Daniel Payne

**Permit No:** 46-0144491-008-EI

### **PROJECT LOCATION**

The activities authorized by this permit and sovereignty submerged lands authorization are located within the Walkedge Drive SE right-of-way in Fort Walton Beach, Florida 32548, in Section 19, Township 02 South, Range 23 West in Okaloosa County; Latitude 30°24'16.82" North / Longitude 86°35'24.90" West.

### **PROJECT DESCRIPTION**

The permittee is authorized to replace two deteriorated wooden jetties within Santa Rosa Sound, a Class III Florida Waterbody, Prohibited for Shellfish Harvesting. Those activities include the removal and replacement of the 105-foot and the 75-foot wooden jetties at the entrance to Walkedge Canal, as well as the placement of riprap along the outer face of each jetty. Riprap will be placed at a 2:1 slope, with an outer toe distance of 5-8 feet from the jetty, and will not exceed the elevation of MLWL. Construction and placement of the jetty and riprap will preempt approximately 2,186 square feet of state-owned sovereignty submerged lands. Authorized activities are depicted on the attached exhibits.

### **AUTHORIZATIONS**

#### **Walkedge Jetty Replacement**

##### 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

The activity is located on sovereignty submerged lands owned by the State of Florida. It therefore also requires authorization from the Board of Trustees of the Internal Improvement Trust Fund (Board of Trustees), pursuant to Article X, Section 11 of the Florida Constitution, and Section 253.77, F.S. As staff to the Board of Trustees under Sections 253.002, F.S., the Department has determined that the activity qualifies for and requires a public easement, as long as the work performed is located within the boundaries as described and is consistent with the terms and conditions herein.

The final documents required to execute the public easement will be sent to the grantee by the Department's Division of State Lands for execution. The Department intends to issue the public easement, upon satisfactory execution of those documents, including payment of required fees and compliance with the conditions in the attached permit. **You may not begin construction of**

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Permit No: 46-0144491-008-EI

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**the activities described until you receive a copy of the executed public easement from the Department.**

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. A copy of your permit application has been forwarded to the Corps for their review. The Corps will issue their authorization directly to you or contact you if additional information is needed. If you have not heard from the Corps within 30 days from the date your application was received at the local FDEP Office, contact the Corps for status and further information. **Failure to obtain Corps authorization prior to construction could subject you to federal enforcement action by that agency.**

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 / SOVEREIGNTY SUBMERGED LANDS CONDITIONS**

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 and sovereignty submerged lands authorization, as described.

**SPECIFIC CONDITIONS - PRIOR TO ANY CONSTRUCTION**

1. If the approved permit drawings conflict with the specific conditions, then the specific conditions shall prevail.
2. This permit does not authorize the construction of any additional structures not illustrated on the permit drawings.
3. There shall be no storage or stockpiling of tools or materials (i.e., lumber, pilings, equipment) within wetlands, along the shoreline within the littoral zone or elsewhere within waters of the state unless specifically approved in the permit.
4. Prior to the initiation of any work authorized by this permit, floating turbidity screens with weighted skirts shall be placed around the project area. The screens shall be maintained and shall remain in place for the duration of the project construction to ensure that turbidity levels outside the construction area do not exceed 29 NTU's above background levels. The permittee shall be responsible for ensuring that turbidity control devices are inspected daily and maintained in good working order so that there are no violations of state water quality standards outside of the turbidity screens.

The following measures shall be taken by the permittee whenever turbidity levels within waters of the state exceed 29 NTUs above background:

- a. Immediately cease all work contributing to the water quality violation.
- b. Stabilize all exposed soils contributing to the violation, modify the work procedures that were responsible for the violation, and install more turbidity containment devices and repair any non-functioning turbidity containment devices.
- c. Notify the Northwest District Office at (850) 595-8300 within 24 hours of the time the violation is first detected.

**SPECIFIC CONDITIONS – CONSTRUCTION ACTIVITIES**

5. All disturbed upland areas shall be stabilized at all times during and after construction so as to prevent any erosion, sedimentation, siltation, or scouring.
6. All wetland areas or water bodies which are adjacent to the specific limits of construction authorized by this permit shall be protected from erosion, sedimentation, siltation, scouring, excess turbidity, or dewatering.

7. 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 top of any submerged resources or submerged bottom.
8. Dredging within waters of the State for the purpose of providing backfill is prohibited.
9. The slope of the riprap shall be no steeper than 2:1 (Horizontal/Vertical) and the distance the riprap extends waterward from the jetty shall be no more than eight (8) feet.
10. The riprap material shall be installed within two weeks of completion of construction of the jetties.
11. Riprap shall consist of unconsolidated boulders, rocks, or clean concrete rubble with no exposed reinforcing rods or similar protrusions. The riprap shall be free of sediment, debris and any toxic or otherwise deleterious substance.
12. The jetty shall be constructed in accordance with the distances from fixed landmarks as shown on the attached permit drawings.
13. 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.
14. For emergencies involving a serious threat to the public health, safety, welfare, or environment, the emergency telephone contact number is 800-320-0519 (State Warning Point). The Department telephone number for reporting nonthreatening problems or system malfunctions is (850) 595-0663, day or night.
15. The construction phase expires at 11:59 p.m. on the date indicated on the cover page of this permit. If construction of the stormwater management system authorized by this ERP, individual stormwater permit has not been completed and continued use of the system formally transferred to the operating phase before the expiration date of this permit, or an authorized extension, then at least 60 days before such expiration date, the permittee shall apply for another individual stormwater permit, using the forms and accompanied by the fee required by rules in effect at that time.
16. The mailing address for submittal of forms for the “Construction Commencement Notice”, “As-Built Certification”, “Request for Conversion of Stormwater Management Permit Construction Phase to Operation and Maintenance Phase”, or other correspondence is FDEP, SLERP, 160 W. Government Street, Pensacola, Florida, 32502.

## **GENERAL CONDITIONS FOR INDIVIDUAL PERMITS**

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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 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

Permittee: City of Fort Walton Beach/Daniel Payne  
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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 14 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 14 days of publication of the notice or within 14 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 14 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.

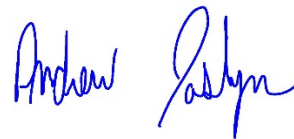
Judicial Review

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.

Thank you for applying to the Submerged Lands and Environmental Resource Permit Program. If you have any questions regarding this matter, please contact Ryan Godwin at the letterhead address, at (850) 595-0559, or at [Ryan.Godwin@dep.state.fl.us](mailto:Ryan.Godwin@dep.state.fl.us).

Executed in Orlando, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION



FOR Emile D. Hamilton  
Director

**Attachments:**

Exhibit 1, Project Drawings and Design Specs., 8 pages

**Copies furnished to:**

Lea Crandall, DEP Office of General Counsel, [Lea.Crandall@dep.state.fl.us](mailto:Lea.Crandall@dep.state.fl.us)

Clif Payne, U.S. Army Corps of Engineers, [Lyal.C.Payne@usace.army.mil](mailto:Lyal.C.Payne@usace.army.mil)

Okaloosa County, [mmartinez@co.okaloosa.fl.us](mailto:mmartinez@co.okaloosa.fl.us); [jautrey@co.okaloosa.fl.us](mailto:jautrey@co.okaloosa.fl.us);

[sbitterman@co.okaloosa.fl.us](mailto:sbitterman@co.okaloosa.fl.us); [psmith@okaloosapa.com](mailto:psmith@okaloosapa.com)

Michael Dombrowski, MRD Associates, Inc., [md@mrd-associates.com](mailto:md@mrd-associates.com)

Permittee: City of Fort Walton Beach/Daniel Payne

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CERTIFICATE OF SERVICE

The undersigned hereby certifies that this permit and authorization to use sovereignty submerged lands, including all copies, were mailed before the close of business on October 14, 2016, to the above listed persons.

FILING AND ACKNOWLEDGMENT

FILED, on this date, under 120.52(7) of the Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.



\_\_\_\_\_

Clerk

October 14, 2016

Date

**Permit Sketches**

**Walkedge Jetty  
Replacement**



**OWNER**

**City of Fort Walton Beach**

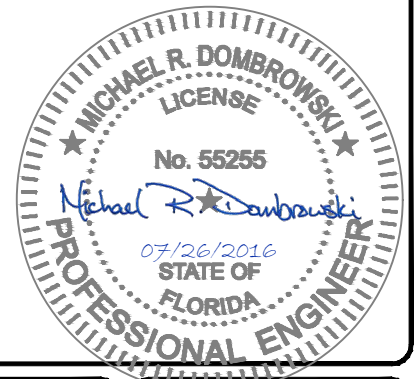
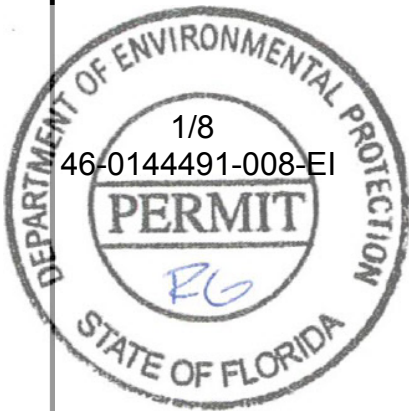
107 Miracle Pkwy SW, Fort Walton Beach FL, 32549-6614

**PROJECT LOCATION**

Section 23, Township 2S, Range 18  
Okaloosa, FL  
30°24'16.00" N, 86°35'24.00" W

**INDEX OF SHEETS**

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
1	Cover And Index Of Sheets
2	Project Location
3	Plan View
4	Plan View Detail
5	Turbidity Screen Detail
6	Section A-A'
7	Section A-A' Details
8	Marine Construction Notes



**mrd**  
mrd associates, inc.  
Coastal, Marina & Water Resources Engineering

543 Harbor Boulevard, Suite 204  
Destin, Florida 32541  
Certification of Authorization Number 9482  
850.654.1555 (voice) • 850.654.0550 (fax)  
www.mrd-associates.com

**COVER SHEET**  
*Walkedge Jetty Replacement*

City of Fort Walton Beach  
107 Miracle Strip Pkwy SW Fort Walton Beach, FL 32549-6614

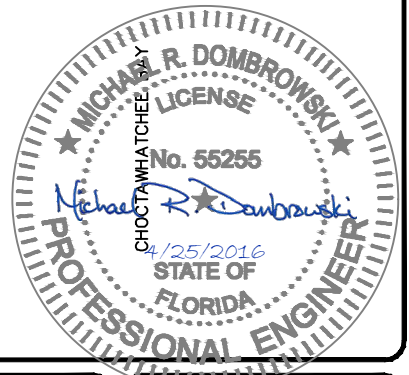
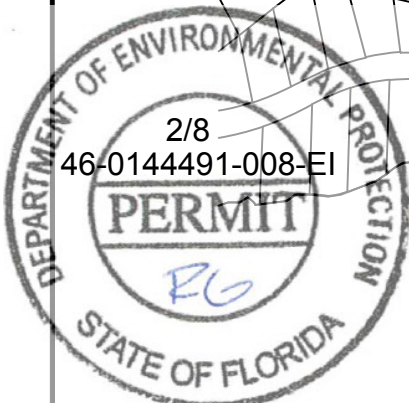
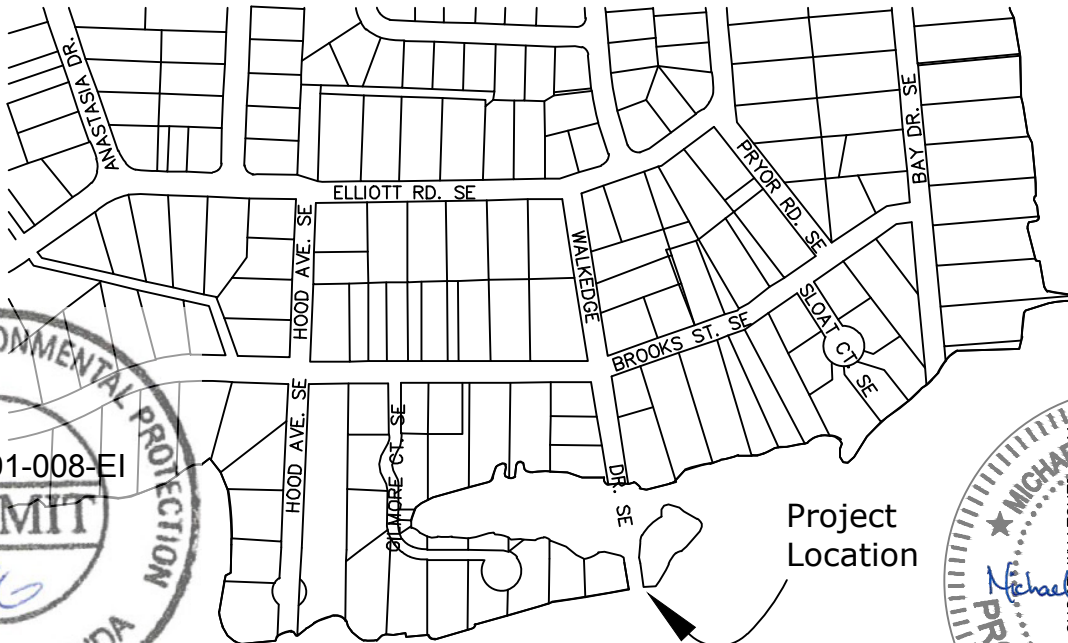
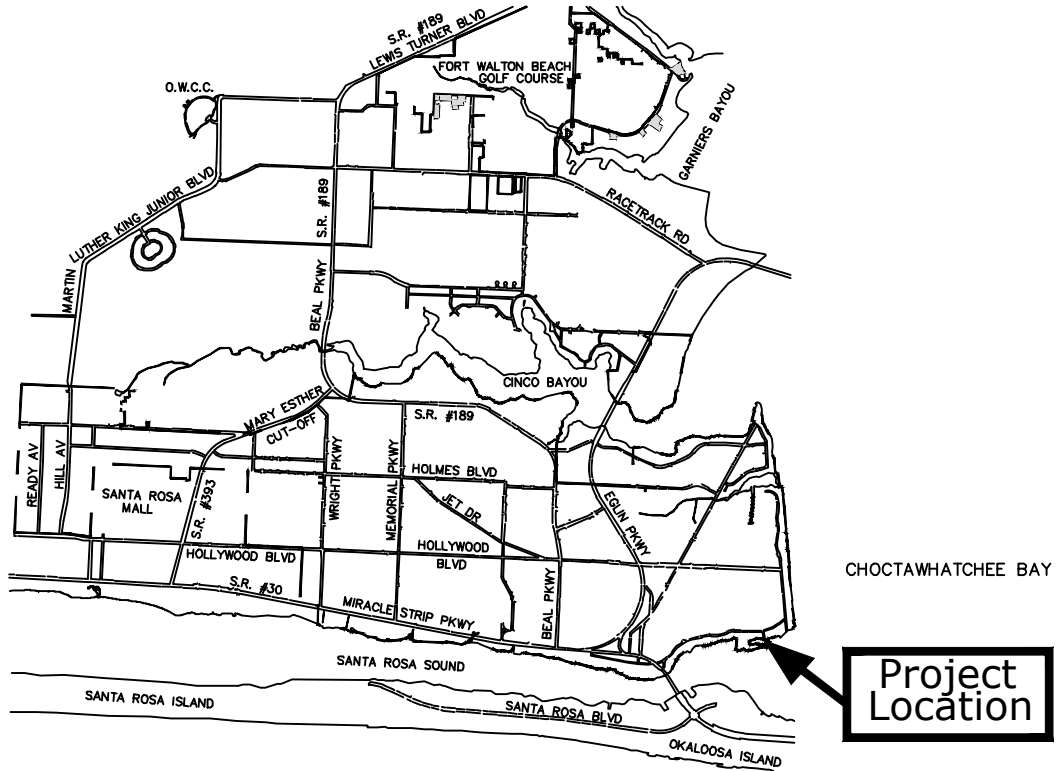
Michael R Dombrowski, P.E.  
Florida P.E. Number 55255

Date: April 25, 2016  
Sheet Rev Date: July 26, 2016

PROJECT NUMBER <b>16-412</b>	SHEET NUMBER <b>1</b>
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NOT TO SCALE



**mrd** 543 Harbor Boulevard, Suite 204  
Destin, Florida 32541  
Certification of Authorization Number 9482  
850.654.1555 (voice) • 850.654.0550 (fax)  
www.mrd-associates.com

**PROJECT LOCATION**  
*Walkedge Jetty Replacement*

City of Fort Walton Beach  
107 Miracle Strip Pkwy SW Fort Walton Beach, FL 32549-6614

Michael R. Dombrowski, P.E.  
Florida P.E. Number 55255

Date: April 25, 2016

Sheet Rev Date:

PROJECT NUMBER <b>16-412</b>	SHEET NUMBER <b>2</b>
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City of FWB 11B 18-003 - Exhibit A



(IN FEET)  
1 inch = 80 ft.

BROOKS ST. SE

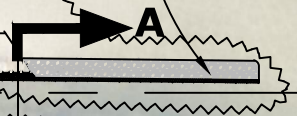
WALKEDGE DR. SE (50' R/W)

LAGOON WITH  
BOAT DOCKING

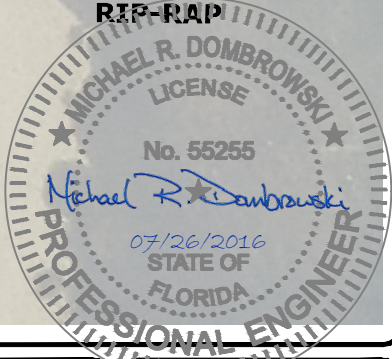
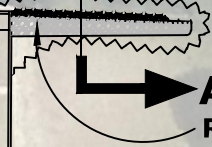
TONA'S  
ISLAND

CHOCTAWHATCHEE BAY

REMOVE &  
REPLACE 105 LF  
OF JETTY AND  
RIP-RAP



REMOVE &  
REPLACE 75 LF  
OF JETTY AND  
RIP-RAP



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Coastal, Marina & Water Resources Engineering

**PLAN VIEW**  
*Walkedge Jetty Replacement*

City of Fort Walton Beach  
107 Miracle Strip Pkwy SW Fort Walton Beach, FL 32549-6614

Michael R. Dombrowski, P.E. Florida P.E. Number 55255	
Date: April 25, 2016	
Sheet Rev Date: July 26, 2016	
PROJECT NUMBER 16-492	SHEET NUMBER 14 of 19 3

City of FWB ITB 18-003 - Exhibit A



0 10 20  
(IN FEET)  
1 inch = 20 ft.

Safe Upland Line

Turbidity Screen

Existing Rip-Rap

Proposed Rip Rap  
(805 sf)

Proposed Jetty  
(140 sf)

Existing Seawall

9.7'

93.0'

~23.0'

75.0'

~26.0'

8.2'

1°

Proposed Rip Rap  
(625 sf)

Proposed Jetty  
(100 sf)

Turbidity Screen

Existing Rip-Rap

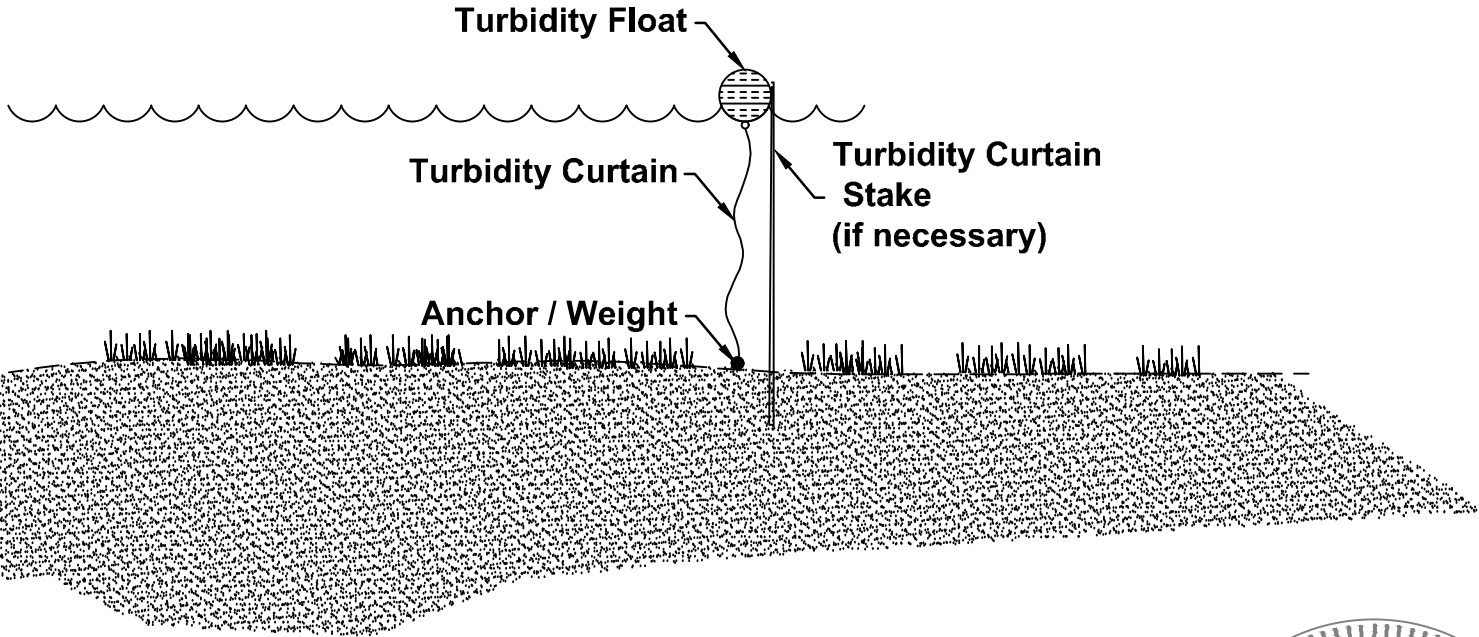


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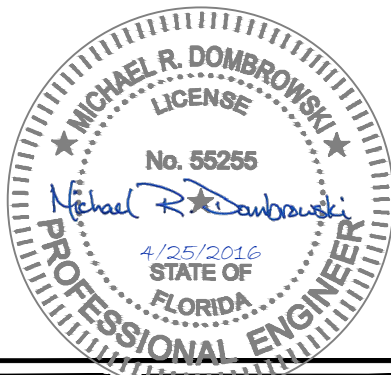
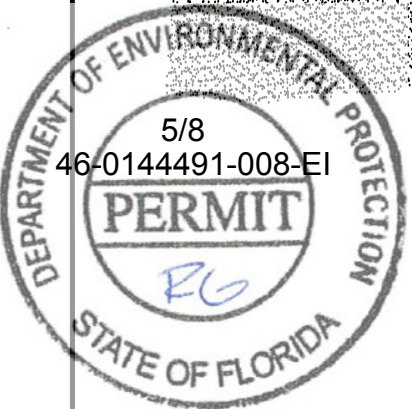
**PLAN VIEW DETAIL**  
**Walked Jetty Replacement**

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Not To Scale



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**TURBIDITY SCREEN DETAIL**  
*Walkedge Jetty Replacement*

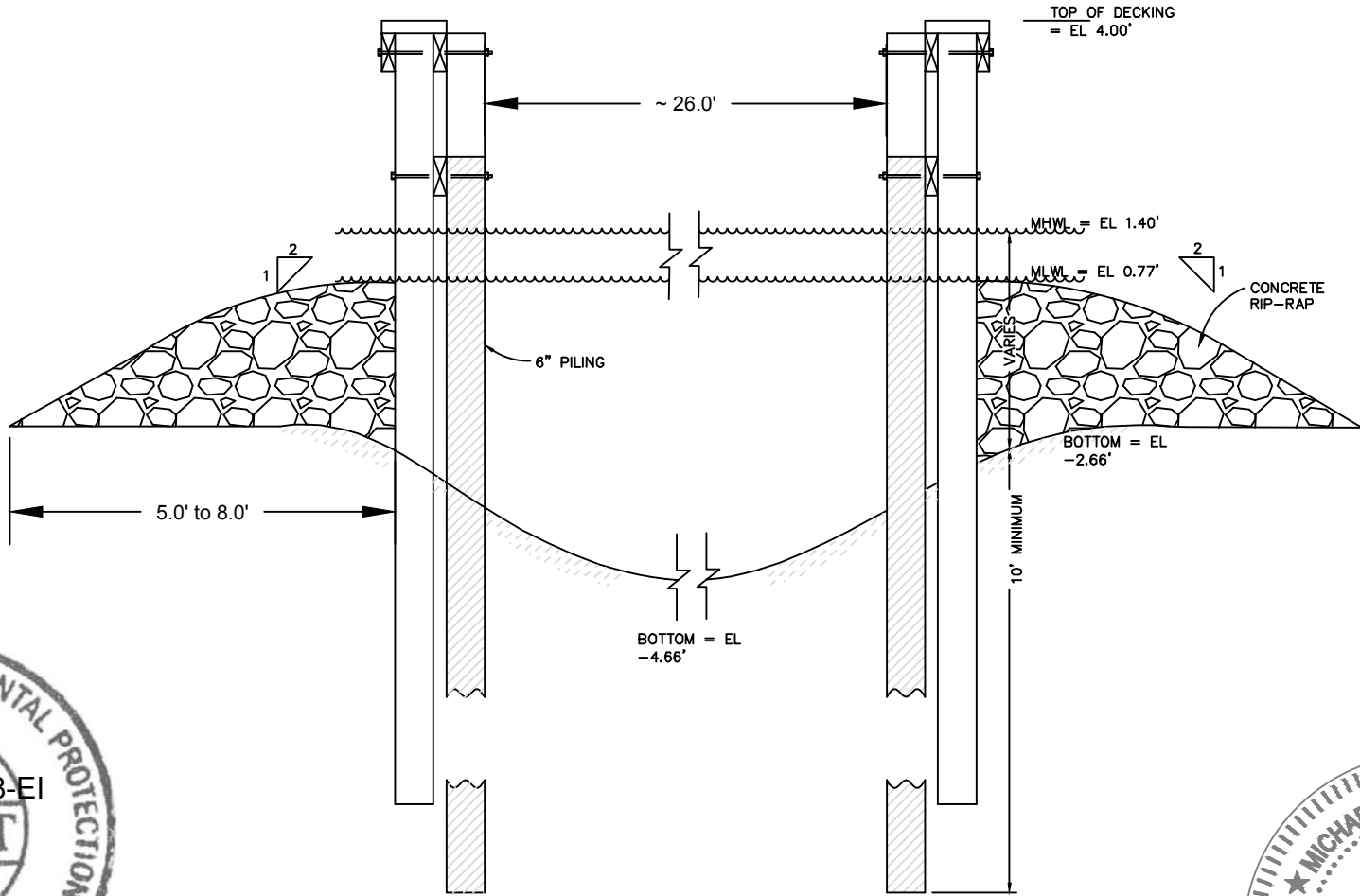
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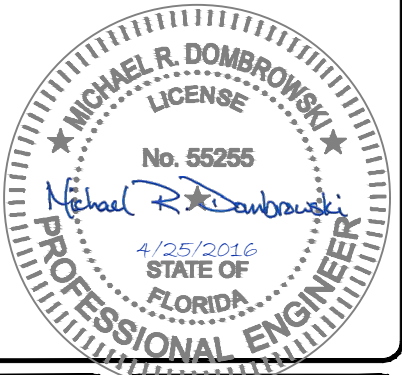
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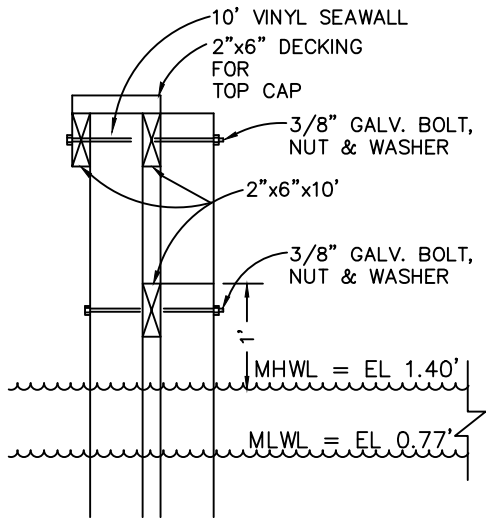
SECTION VIEW A-A'  
SCALE: NOT TO SCALE



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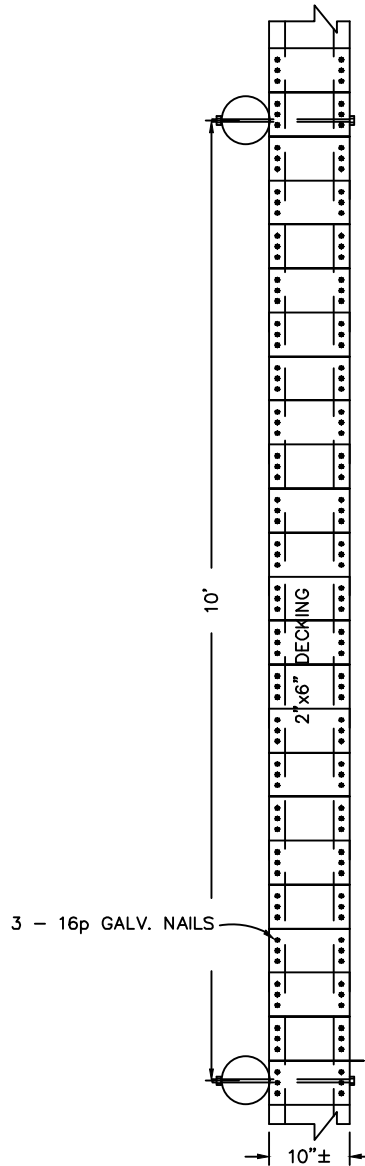
**SECTION A-A'**  
**Walkedge Jetty Replacement**  
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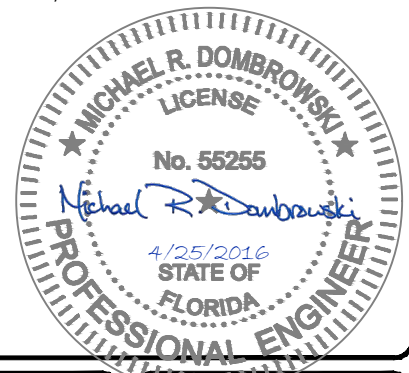
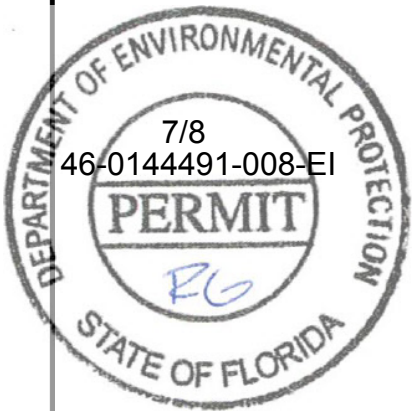
**JETTY CONNECTORS**

Scale: Not To Scale



**TYPICAL TOP VIEW**

SCALE 1/2" = 1'



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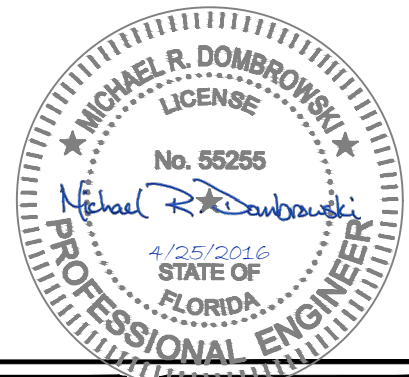
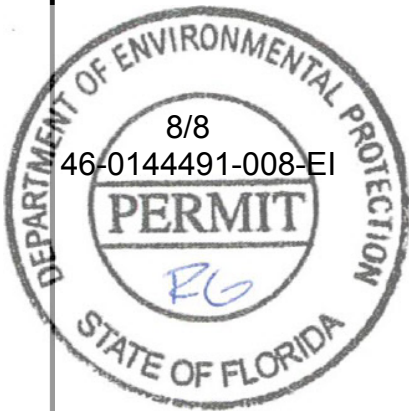
**SECTION A-A' DETAILS**  
**Walkedge Jetty Replacement**

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Michael R. Dombrowski, P.E. Florida P.E. Number 55255	
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PROJECT NUMBER <b>16-412</b>	SHEET NUMBER <b>7</b>

MARINE CONSTRUCTION NOTES:

- 1) DECKING TO BE #1 WOOD OR COMPOSITE DECKING. ALL OTHER WOOD TO BE #2 EXCEPT THE PILINGS.
- 2) ALL FASTENERS SHALL BE EITHER HOT-DIP GALVANIZED CONFORMING TO ASTM A153 AND ASTM A653 OR TYPE 304 AND 316 STAINLESS STEEL.
- 3) PILINGS SHALL BE 6" TIP DIAMETER OR LARGER.
- 4) PILINGS SHALL BE COMPATIBLE WITH MARINE GRADE CONSTRUCTION AND TREATED TO CCA 2.5 REQUIREMENTS.
- 5) PILINGS SHALL BE DRIVEN TO A DEPTH OF 10' MINIMUM BELOW SEA FLOOR. ONLY THE TIP (SMALLEST DIAMETER) OF THE PILING SHALL BE TRIMMED TO MATCH HEIGHT OF EXISTING PILINGS.
- 6) ALL PILINGS SHALL BE WRAPPED WITH 0.030" THICK POLYETHYLENE WRAPPING FROM THE BOTTOM OF THE PILING TO ONE (1) FOOT ABOVE MEAN HIGH WATER LINE (MHW).
- 7) ALL LUMBER NOT SHOWN BOLTED SHALL HAVE AT LEAST 2 GALV. 20p NAILS AT PILINGS AND 2 GALV. 16p NAILS AT OTHER CONNECTIONS, UNLESS OTHERWISE SPECIFIED.
- 8) ALL BOLTS ON THE OUTSIDE OF THE PILINGS AND RAILING POSTS SHALL BE COUNTERSUNK TO PREVENT DAMAGE TO BOATS.



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**MARINE CONSTRUCTION NOTES**  
*Walkedge Jetty Replacement*

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Florida P.E. Number 55255

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PROJECT NUMBER <b>16-412</b>	SHEET NUMBER <b>8</b>
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