



**INTRACOASTAL WATERWAY
MAINTENANCE DREDGING
ST. LUCIE COUNTY REACH I, FLORIDA**

APPENDIX B

FDEP Permit No. 56-0255662-003



**FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION**
SOUTHEAST DISTRICT BRANCH OFFICE
337 NORTH U.S. HIGHWAY 1, SUITE 307
FORT PIERCE, FL 34950
(772) 467-5500

RICK SCOTT
GOVERNOR

CARLOS LOPEZ-CANTERA
LT. GOVERNOR

JONATHAN P. STEVERSON
SECRETARY

January 22, 2015

Florida Inland Navigation District
c/o Mark Crosley, Executive Director
1314 Marcinski Road
Jupiter FL 33477
Sent via e-mail: mcrosley@aicw.org

Re: File No.: 56-0255662-003
File Name: Florida Inland Navigation District

Dear Mr. Crosley:

On December 29, 2014, we received your application for an exemption to perform maintenance dredging within the Intracoastal Waterway (ICW) in order to restore shoaled areas to federally authorized depths, including the dredging of approximately 72,670 cubic yards of sediment over a 213.69-acre segment. The project is located along various segments of the Intracoastal Waterway, as shown in the attached drawings, within the Indian River Aquatic Preserve and the Jensen Beach to Jupiter Inlet Aquatic Preserve, Outstanding Florida Waters, Class III Waters, St. Lucie County. Best management practices shall be implemented during all phases of the project, and the dredged material will be deposited at a previously permitted upland DMMA.

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.

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(7)(a), 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 will expire after

one year, and will not be valid at any other time if site conditions materially change, the project design is modified, or the statutes or rules governing the exempt activity are amended. However, the activity may still be conducted without further notification to or verification from the Department after the one-year expiration of this verification, provided: 1) the project design does not change; 2) site conditions do not materially change; and 3) there are no changes to the statutes or rules governing the exempt activity. In the event you need to re-verify the exempt status for the activity after the one-year expiration of this verification, a new application 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. Conditions of compliance with the regulatory exemption are contained in Attachment A.

2. Proprietary Review –GRANTED

The Department acts as staff to the Board of Trustees of the Internal Improvement Trust Fund (Board of Trustees) and issues certain authorizations for the use of sovereign submerged lands. The Department has the authority to review activities on sovereign submerged lands under chapters 253 and 258 of the Florida Statutes, and chapters 18-18, 18-20 and 18-21 of the Florida Administrative Code.

The activity appears to be located on sovereign submerged lands owned by the Board of Trustees. The activity is not exempt from the need to obtain the applicable proprietary authorization. As staff to the Board of Trustees, the Department has reviewed the activity described above, and has determined that the activity qualifies for a Letter of Consent under rule 18-21.005(1)(c), F.A.C. and section 253.77 of the Florida Statutes to construct and use the activity on the specified sovereign submerged lands, as long as the work performed is located within the boundaries as described herein and is consistent with the terms and conditions herein. No further application is required for this consent of use.

General Conditions for State-Owned Submerged Land Authorizations:

- (a) 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.
- (b) 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.
- (c) 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.
- (d) Structures or activities shall be constructed and used to avoid or minimize adverse impacts to sovereignty submerged lands and resources.
- (e) 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.

(f) 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.

(g) Structures or activities shall not create a navigational hazard.

(h) 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.

(i) 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.

3. Federal Review – SPGP NOT APPROVED

Your proposed activity as outlined on your notice and attached drawings **does not qualify** for Federal authorization pursuant to the State Programmatic General Permit and a **SEPARATE permit** or authorization **may 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 at the Palm Beach Gardens Regulatory Field Office at (561) 472-3530, 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.

Additional Information

Please retain this letter. The activities may be inspected by authorized state personnel in the future to insure compliance with appropriate statutes and administrative codes. If the activities are not in compliance, you may be subject to penalties under Chapter 373, F.S., and Chapter 18-14, F.A.C.

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 filing of a petition means that the Department's final action may be different from the position taken by it in this notice.

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 the order is filed with the Clerk of the Department.

Judicial Review

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 Irene Arpayoglou at the letterhead address or at (772) 467-5557 or by email at Irene.Arpayoglou@dep.state.fl.us

Executed in Palm Beach County, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

 1/22/15

Benny Luedike
Environmental Administrator
Submerged Lands and Environmental
Resource Program

Enclosures:

Attachment A- Specific Exemption Rule
Attachment B- Newspaper Publication
Project Drawings, 22 pages

Copies furnished to:

Lori S. Brownell, Taylor Engineering; lbrownell@taylorengeering.com
USACOE- Palm Beach Gardens, FDEP-SP@usace.army.mil

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this determination, including all copies, was mailed before the close of business on 1/22/15, to the above listed persons.

FILING AND ACKNOWLEDGMENT

FILED, on this date, pursuant to 120.52(9),
Florida Statutes, with the designated Department
Clerk, receipt of which is hereby acknowledged.

Vanessa Osborne 1/22/15
Clerk Date

Oculus: ERP/Permitting Authorization/ERP_255662/Permit Final/ERP Exemption-EE/003

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.

(7) Maintenance and Restoration –

- (a) Maintenance dredging under Section 403.813(1)(f), F.S.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NOTICE OF DETERMINATION OF EXEMPTION

The Department of Environmental Protection gives notice that the projects to perform maintenance dredging within the Intracoastal Water Way (ICWW) has been determined to be exempt from requirements to obtain an Environmental Resource Permit. The project is located along various segments of the Intracoastal Waterway, as shown in the attached drawings. A portion of the dredging is located within the Indian River Aquatic Preserve and the Jensen Beach to Jupiter Inlet Aquatic Preserve, Outstanding Florida Waters, Class III Waters, in St. Lucie County.

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 of the Florida Statutes. The petition must contain the information set forth below and 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.

Mediation is not available.

If a timely and sufficient petition for an administrative hearing is filed, other persons whose substantial interests will be affected by the outcome of the administrative process have the right to petition to intervene in the proceeding. Intervention will be permitted only at the discretion of the presiding officer upon the filing of a motion in compliance with rule 28-106.205 of the Florida Administrative Code.

In accordance with rule 62-110.106(3), F.A.C., petitions for an administrative hearing must be filed within 21 days of publication of the notice or receipt of written notice, whichever occurs first. Under rule 62-110.106(4) of the Florida Administrative Code, 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 prior to the applicable deadline. 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. Upon motion by the requesting party showing that the failure to file a request for an extension of time before the deadline was the result of excusable neglect, the Department may also grant the requested extension of time.

The petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. The failure of any person to file a petition for an administrative hearing within the appropriate time period shall constitute a waiver of that right.

A petition that disputes the material facts on which the Department's action is based must contain the following information:

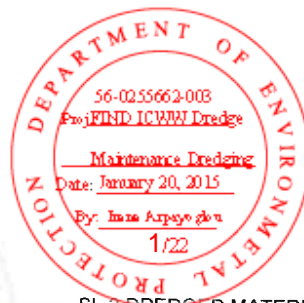
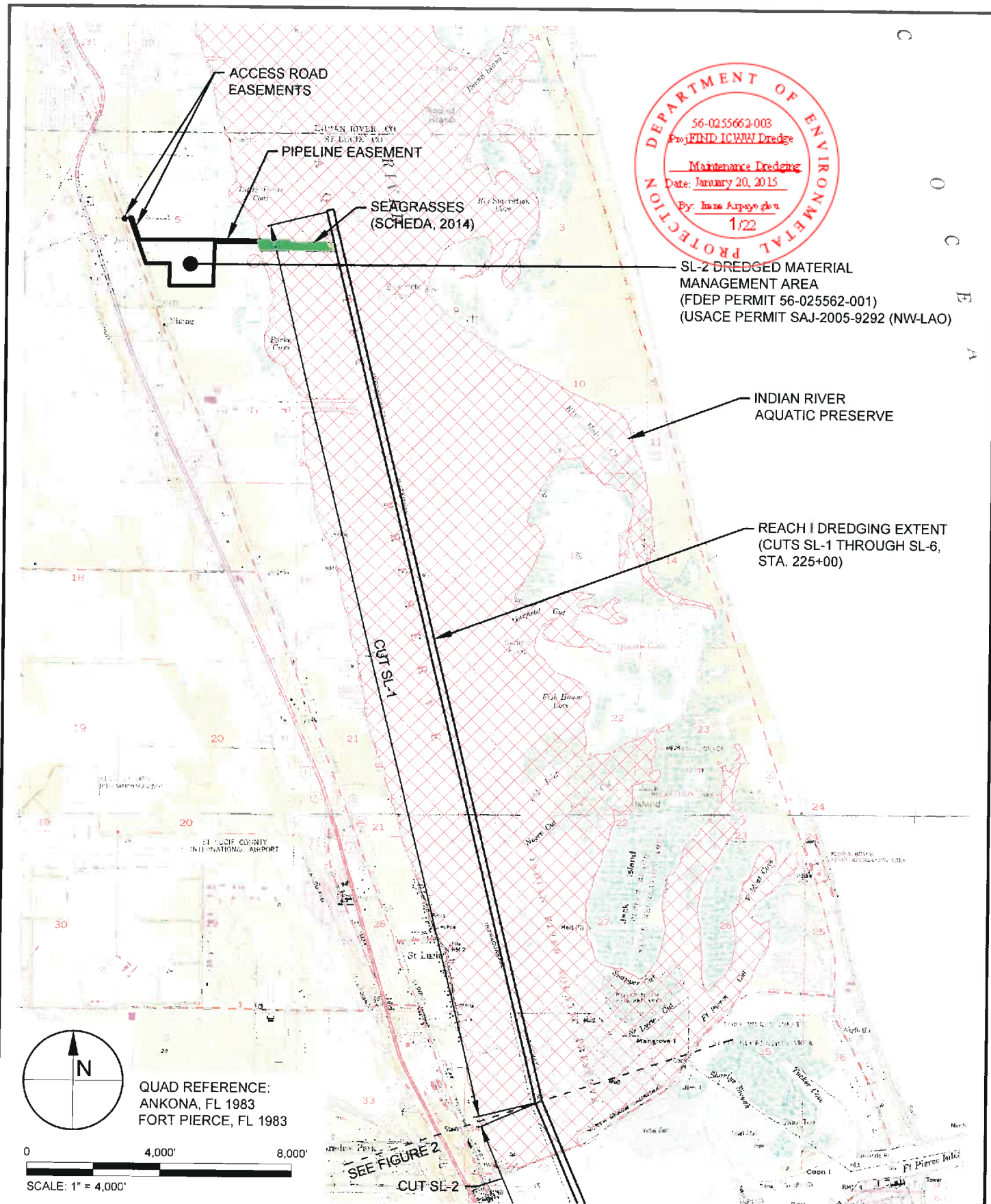
- (a) The name and address of each agency affected and each agency's file or identification number, if known;
- (b) The name, address, and telephone number of the petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes 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 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; 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.

A petition that does not dispute the material facts on which the Department's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by rule 28-106.301.

Under sections 120.569(2)(c) and (d) of the Florida Statutes, a petition for administrative hearing shall be dismissed by the agency if the petition does not substantially comply with the above requirements or is untimely filed.

Complete copies of all documents relating to this determination of exemption are available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, at the Southeast District office, 3301 Gun Club Road, MSC 7210-1, West Palm Beach, Florida 33406.

C:\ATYR\SHIELL\X\SYSTEMS\PROJECTS\02014-027\FIND ST.LUCIE REACH_I PERMIT_DREDGING\PERMIT\02014-027-P-OVERVIEW.DWG 12/22/2014 11:43:01 AM



QUAD REFERENCE:
ANKONA, FL 1983
FORT PIERCE, FL 1983

0 4,000' 8,000'
SCALE: 1" = 4,000'

SEE FIGURE 2

CUT SL-2



TAYLOR ENGINEERING INC.

10151 DEERWOOD PARK BLVD.
BLDG. 300, SUITE 300
JACKSONVILLE, FL 32256
CERTIFICATE OF AUTHORIZATION # 4815

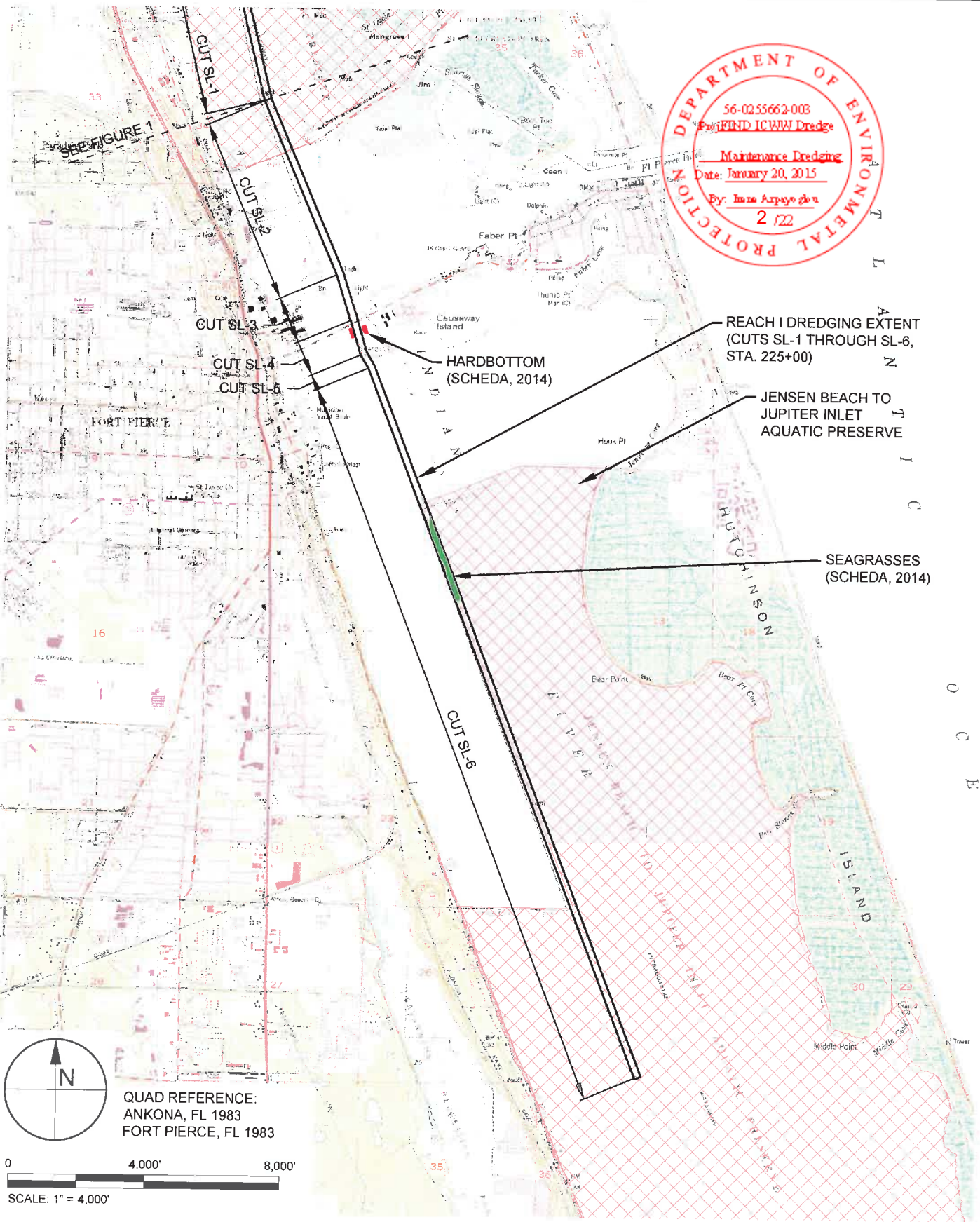
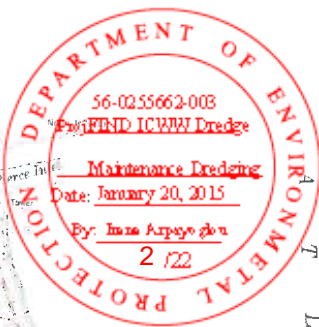
FIGURE 1
PROJECT OVERVIEW (1 OF 2)
FIND ST. LUCIE COUNTY REACH I DREDGING
ST. LUCIE COUNTY, FLORIDA

PROJECT	C2014-027	DRAWN BY	CAS	SHEET	1 of 22	DATE	12-18-14
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SEAL

[Signature]
12/24/14
LORI S. BROWNELL P.E. # 60025
DATE

PRELIMINARY DRAWINGS: THESE DRAWINGS ARE NOT IN FINAL FORM, BUT ARE BEING TRANSMITTED FOR AGENCY REVIEW.



TAYLOR ENGINEERING INC.

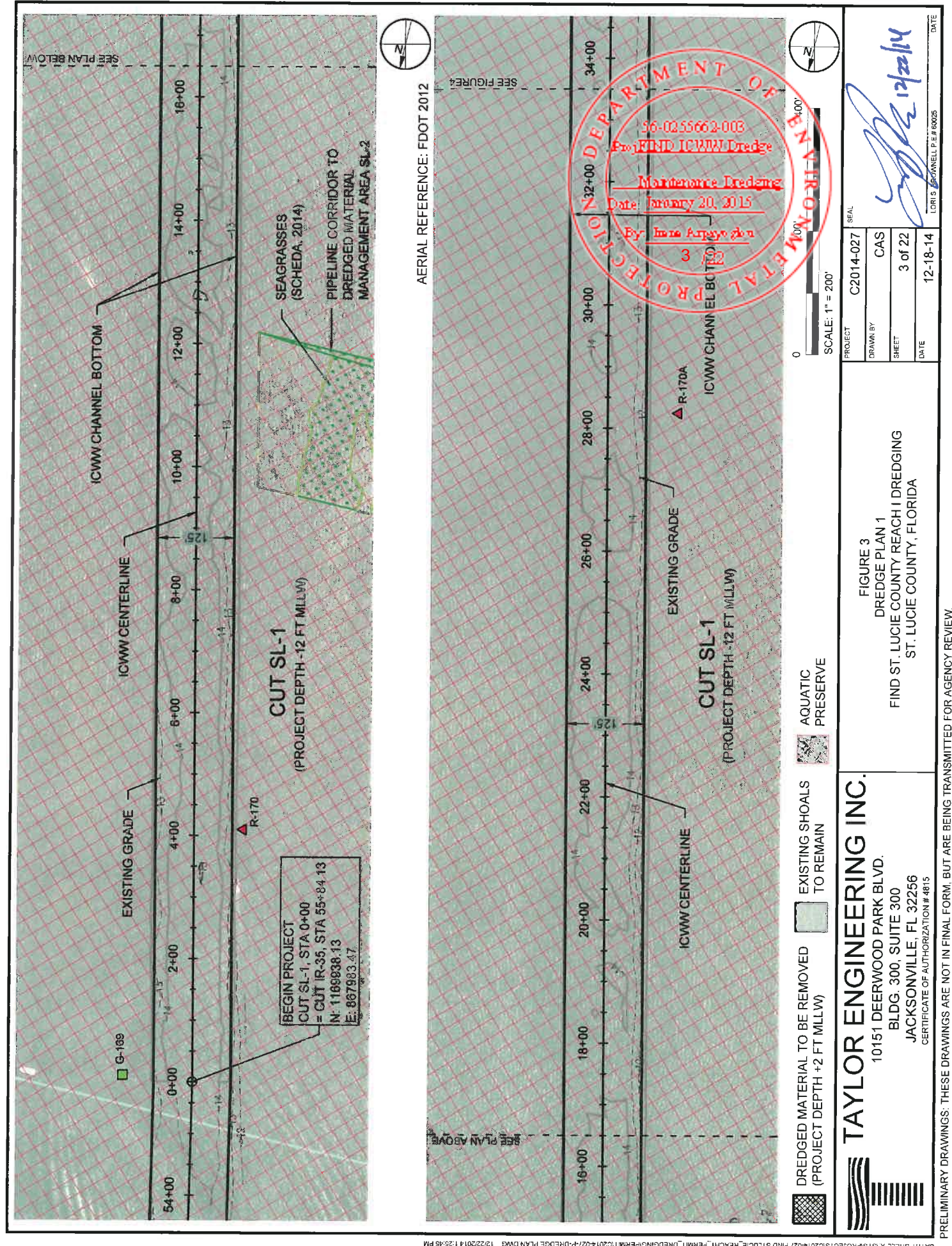
10151 DEERWOOD PARK BLVD.
BLDG. 300, SUITE 300
JACKSONVILLE, FL 32256
CERTIFICATE OF AUTHORIZATION # 4815

FIGURE 2
PROJECT OVERVIEW (2 OF 2)
FIND ST. LUCIE COUNTY REACH I DREDGING
ST. LUCIE COUNTY, FLORIDA

PROJECT	DRAWN BY	SHEET	DATE
C2014-027	CAS	2 of 22	12-18-14

SEAL

[Signature] 12/22/14
LORI S. BROWNELL P.E. # 60025



AERIAL REFERENCE: FDOT 2012

SEE FIGURE 4

CATHY SHELL X:\5898\PROJECTS\2014\2014-027-P-DREDGE PLAN DWG 12/22/2014 1:25:45 PM

- DREDGED MATERIAL TO BE REMOVED (PROJECT DEPTH +2 FT MLLW)
- EXISTING SHOALS TO REMAIN
- AQUATIC PRESERVE

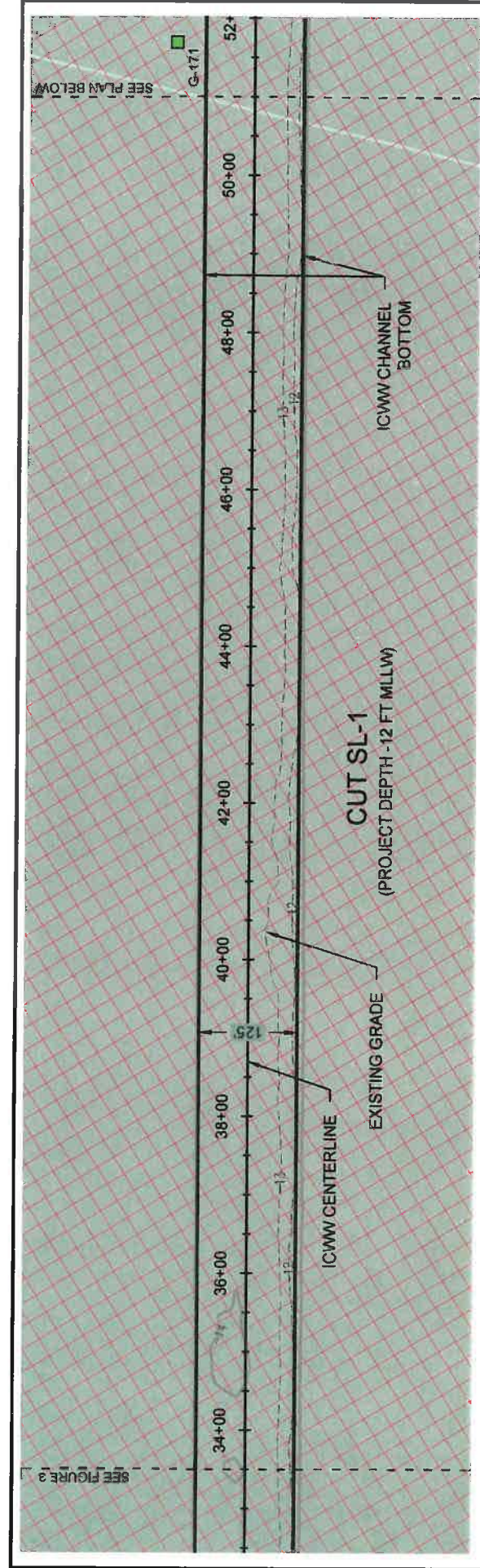
TAYLOR ENGINEERING INC.
 10151 DEERWOOD PARK BLVD.
 BLDG. 300, SUITE 300
 JACKSONVILLE, FL 32256
 CERTIFICATE OF AUTHORIZATION # 4815

FIGURE 3
 DREDGE PLAN 1
 FIND ST. LUCIE COUNTY REACH I DREDGING
 ST. LUCIE COUNTY, FLORIDA

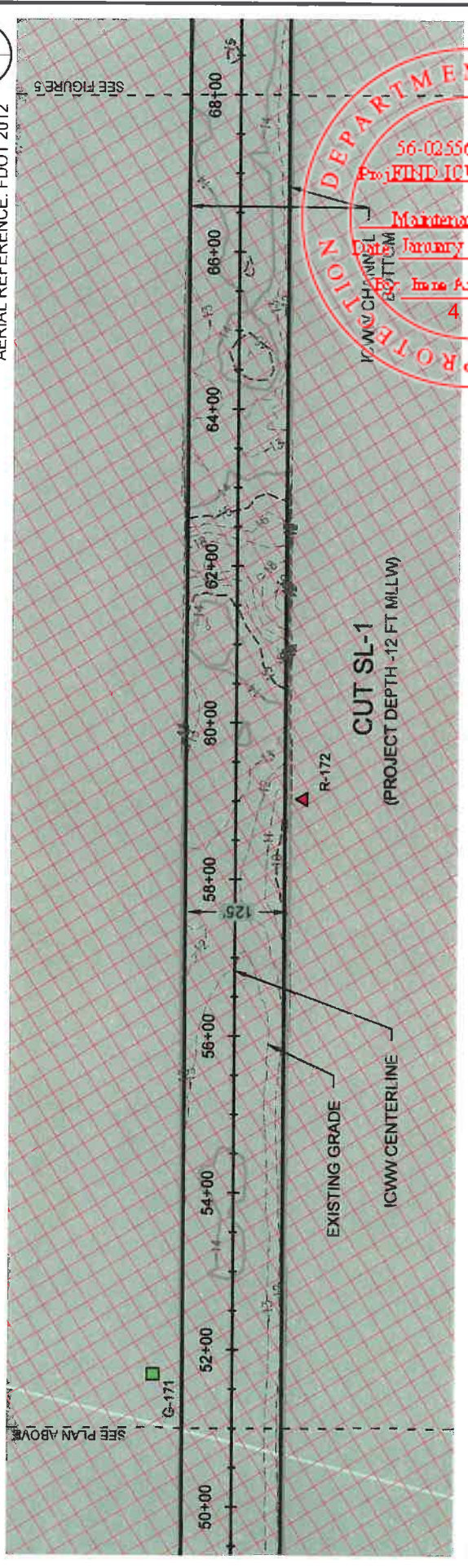
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DRAWN BY	CAS
SHEET	3 of 22
DATE	12-18-14

SEAL
 56-0255662-003
 Florida ICWW Dredge
 Maintenance Dredging
 Date: January 20, 2015
 By: Irene Arroyo
 3

PRELIMINARY DRAWINGS. THESE DRAWINGS ARE NOT IN FINAL FORM, BUT ARE BEING TRANSMITTED FOR AGENCY REVIEW.



AERIAL REFERENCE: FDOT 2012



0 20' SCALE: 1" = 20'

AQUATIC PRESERVE

EXISTING SHOALS TO REMAIN

DREDGED MATERIAL TO BE REMOVED (PROJECT DEPTH +2 FT MLLW)

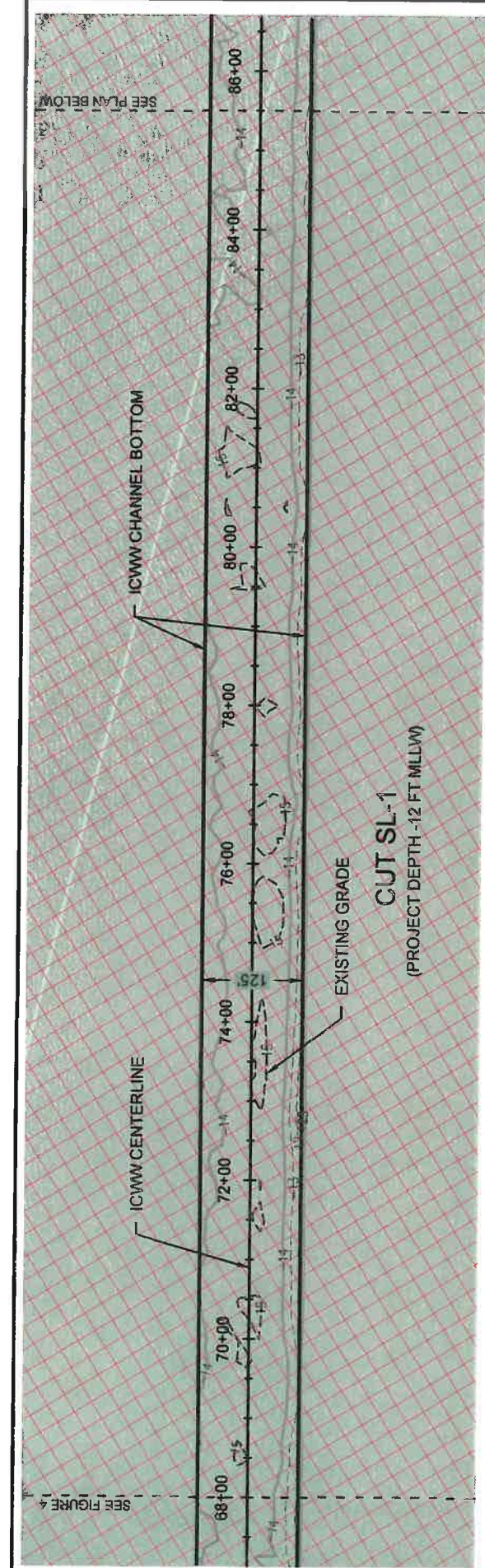
TAYLOR ENGINEERING INC.

10151 DEERWOOD PARK BLVD.
BLDG. 300, SUITE 300
JACKSONVILLE, FL 32256
CERTIFICATE OF AUTHORIZATION # 4815

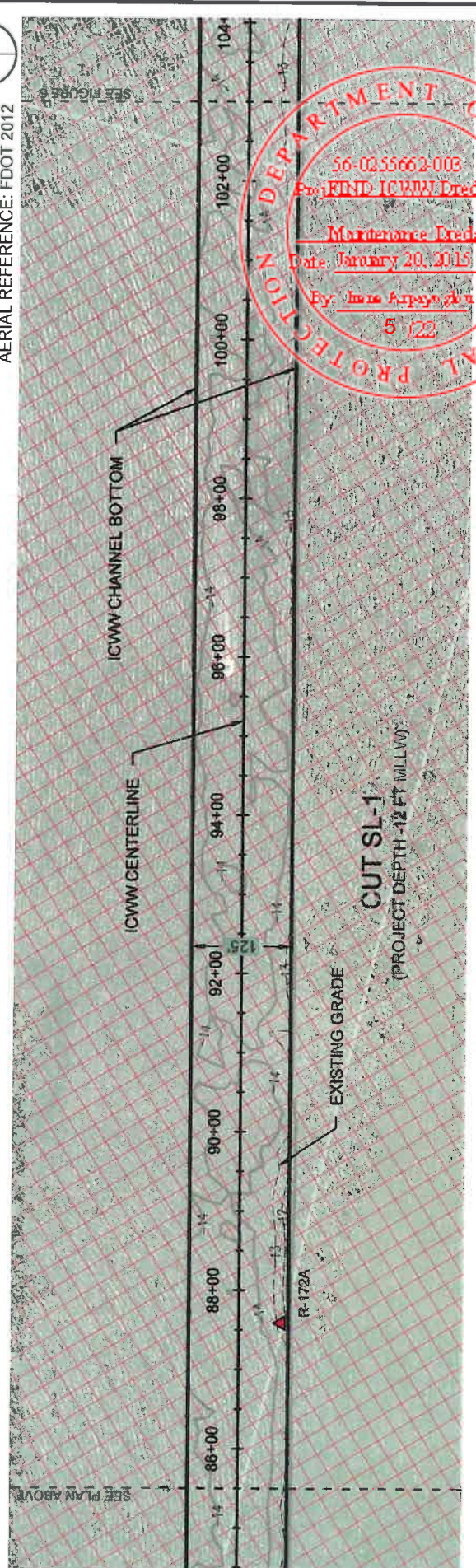
FIGURE 4
DREDGE PLAN 2
FIND ST. LUCIE COUNTY REACH I DREDGING
ST. LUCIE COUNTY, FLORIDA

PROJECT: 56-0255602-003
DRAWN BY: J. H. HARRIS
SHEET: 4 of 22
DATE: 12-18-14

PRELIMINARY DRAWINGS: THESE DRAWINGS ARE NOT IN FINAL FORM, BUT ARE BEING TRANSMITTED FOR AGENCY REVIEW.



AERIAL REFERENCE: FDOT 2012



DREDGED MATERIAL TO BE REMOVED
(PROJECT DEPTH +2 FT MLLW)

EXISTING SHOALS
TO REMAIN

AQUATIC
PRESERVE

TAYLOR ENGINEERING INC.

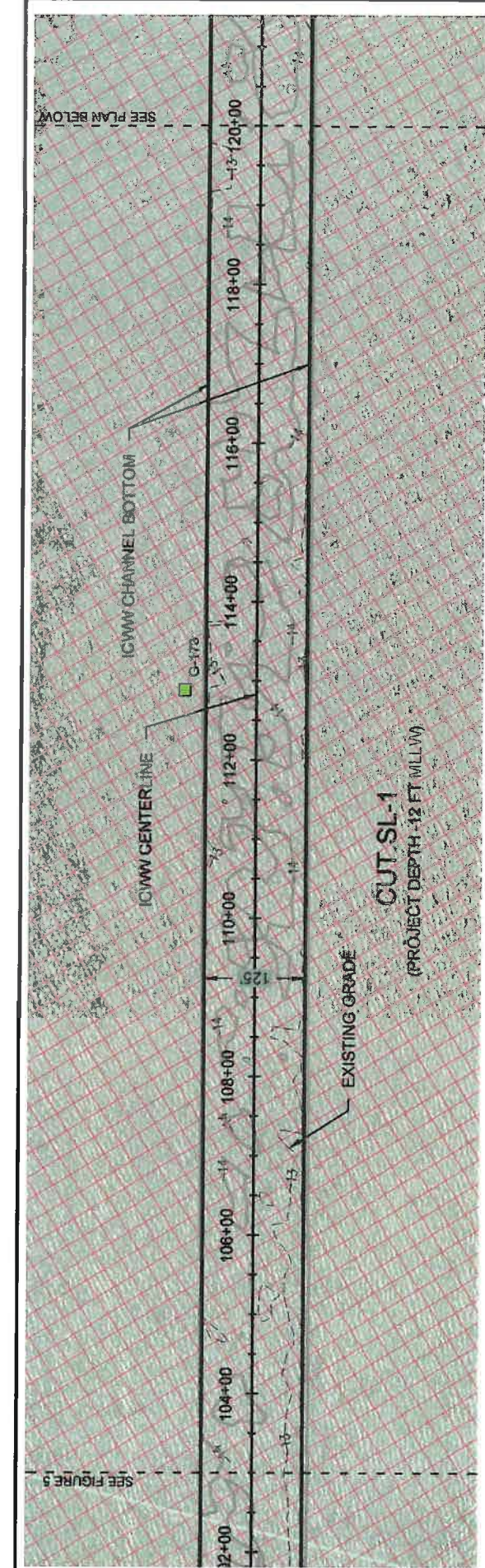
10151 DEERWOOD PARK BLVD.
BLDG. 300, SUITE 300
JACKSONVILLE, FL 32256
CERTIFICATE OF AUTHORIZATION # 4815

FIGURE 5
DREDGE PLAN 3
FIND ST. LUCIE COUNTY REACH I DREDGING
ST. LUCIE COUNTY, FLORIDA

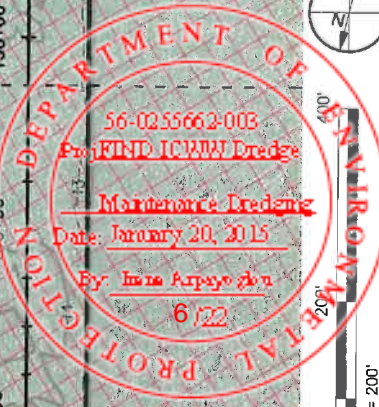
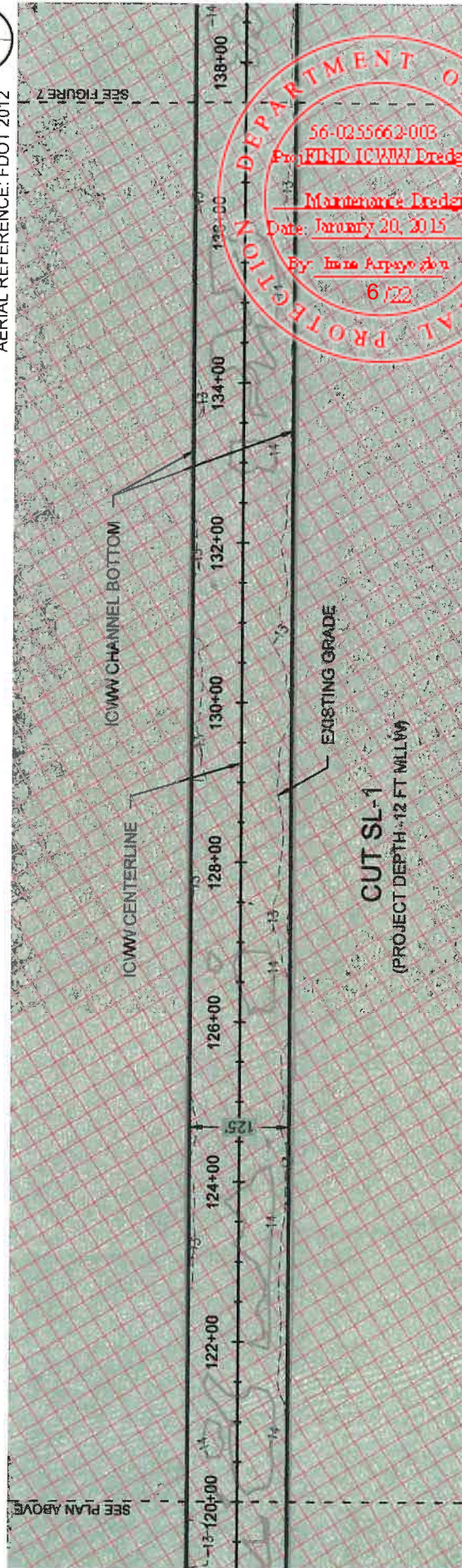
PROJECT C2014-027
DRAWN BY CAS
SHEET 5 of 22
DATE 12-18-14

56-0255662-003
FIND ST. LUCIE COUNTY REACH I DREDGING
Maintenance Dredging
Date: January 20, 2015
By: Jane Arpaio
5 122

PRELIMINARY DRAWINGS: THESE DRAWINGS ARE NOT IN FINAL FORM, BUT ARE BEING TRANSMITTED FOR AGENCY REVIEW.



AERIAL REFERENCE: FDOT 2012



AQUATIC
PRESERVE

EXISTING SHOALS
TO REMAIN

DREDGED MATERIAL TO BE REMOVED
(PROJECT DEPTH +2 FT MLLW)

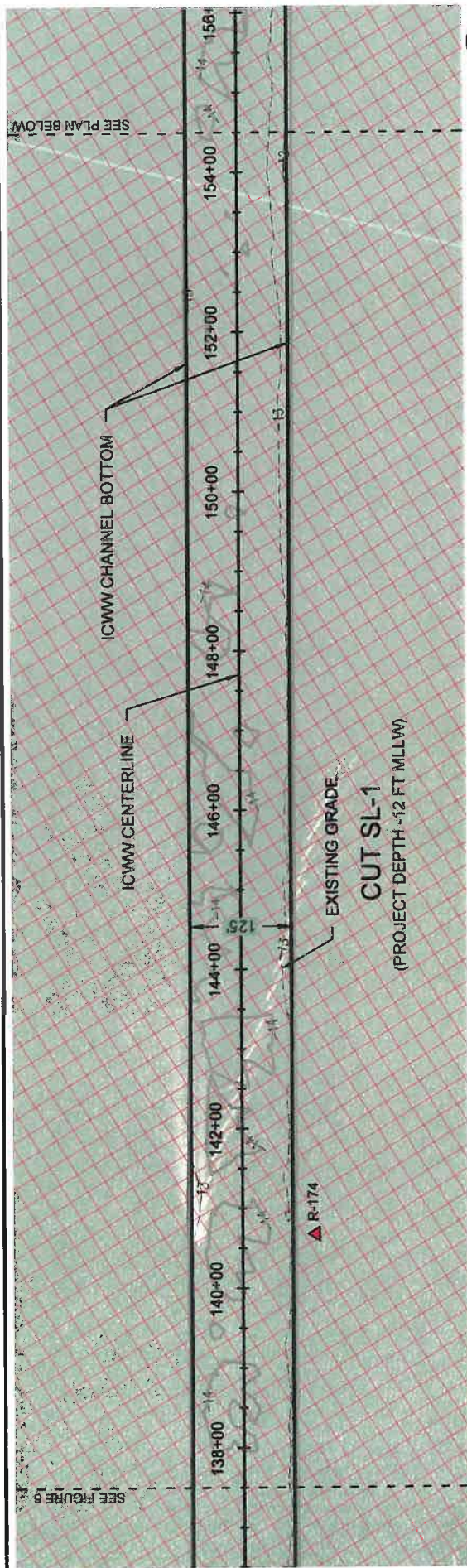
TAYLOR ENGINEERING INC.
10151 DEERWOOD PARK BLVD.
BLDG. 300, SUITE 300
JACKSONVILLE, FL 32256
CERTIFICATE OF AUTHORIZATION # 4815

FIGURE 6
DREDGE PLAN 4
FIND ST. LUCIE COUNTY REACH I DREDGING
ST. LUCIE COUNTY, FLORIDA

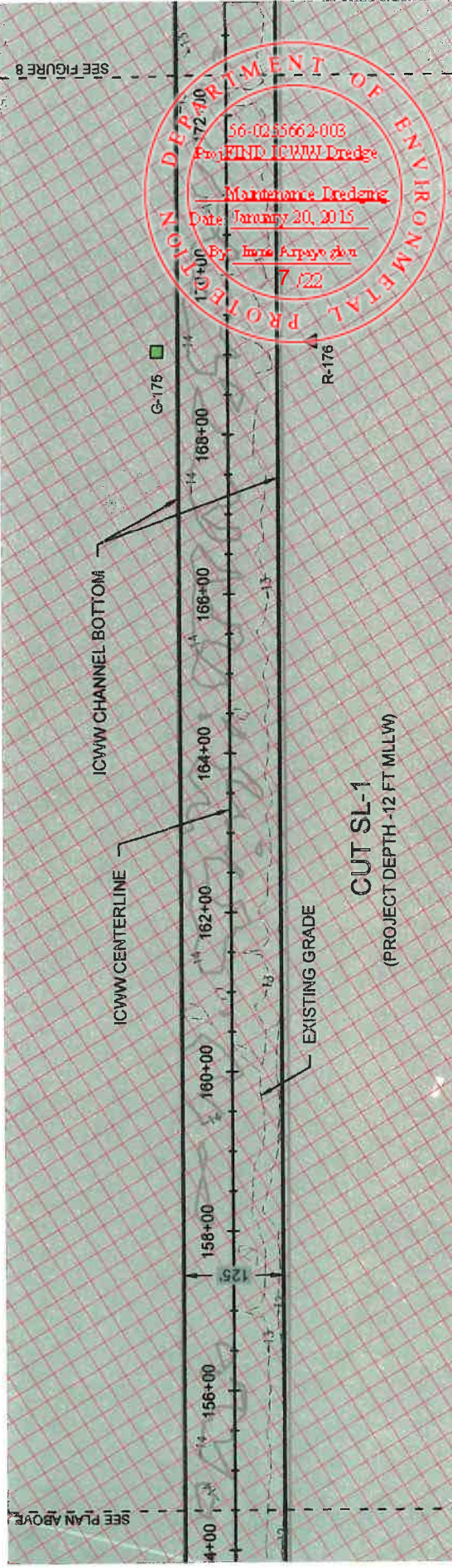
PROJECT C2014-027
DRAWN BY CAS
SHEET 6 of 22
DATE 12-18-14

12/22/14
LOUIS BROWNELL P.E. #60025

PRELIMINARY DRAWINGS. THESE DRAWINGS ARE NOT IN FINAL FORM, BUT ARE BEING SUBMITTED FOR AGENCY REVIEW.



AERIAL REFERENCE: FDOT 2012



DREDGED MATERIAL TO BE REMOVED
(PROJECT DEPTH +2 FT MLLW)

AQUATIC
PRESERVE

0 200' 400'
SCALE: 1" = 200'

TAYLOR ENGINEERING INC.

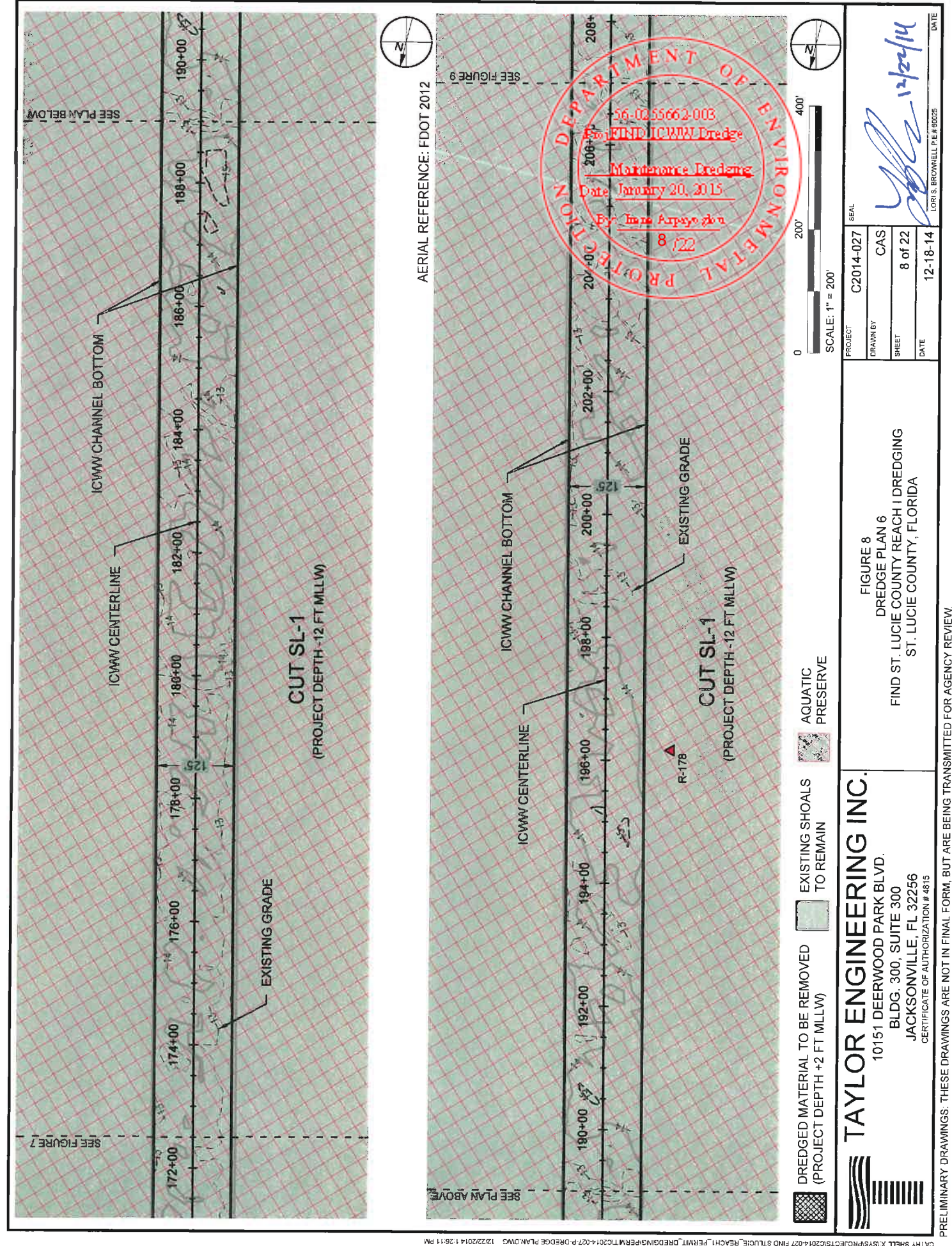
10151 DEERWOOD PARK BLVD.
BLDG. 300, SUITE 300
JACKSONVILLE, FL 32256
CERTIFICATE OF AUTHORIZATION # 4815

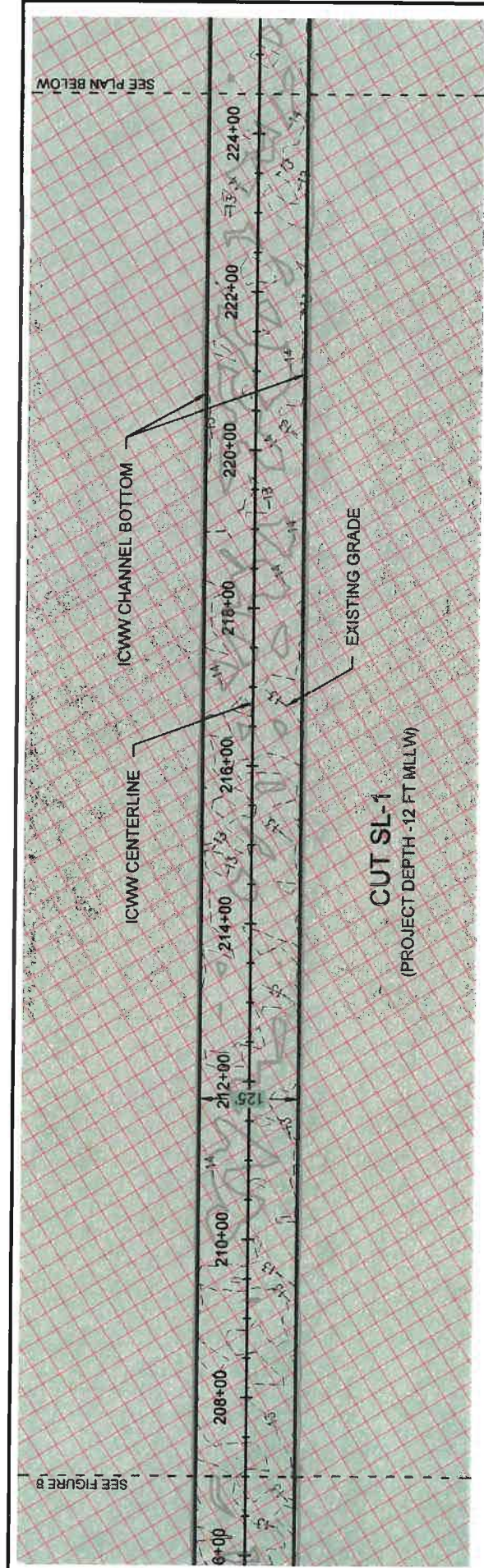
FIGURE 7
DREDGE PLAN 5
FIND ST. LUCIE COUNTY REACH I DREDGING
ST. LUCIE COUNTY, FLORIDA

PROJECT C2014-027
DRAWN BY CAS
SHEET 7 of 22
DATE 12-18-14

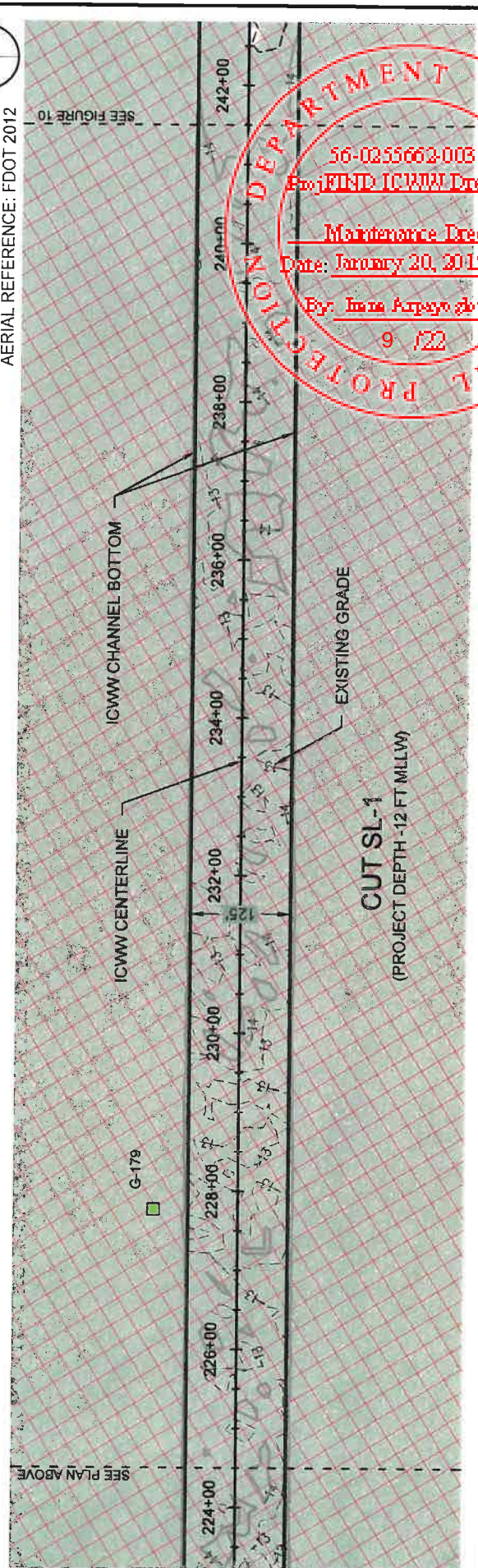
SEAL

12/22/14
LORI S. BROWNELL P.E. #0025
DATE





AERIAL REFERENCE: FDOT 2012



DREDGED MATERIAL TO BE REMOVED
 (PROJECT DEPTH +2 FT MLLW)

EXISTING SHOALS
 TO REMAIN

AQUATIC
 PRESERVE

TAYLOR ENGINEERING INC.

10151 DEERWOOD PARK BLVD.
BLDG. 300, SUITE 300
JACKSONVILLE, FL 32256
CERTIFICATE OF AUTHORIZATION # 4815

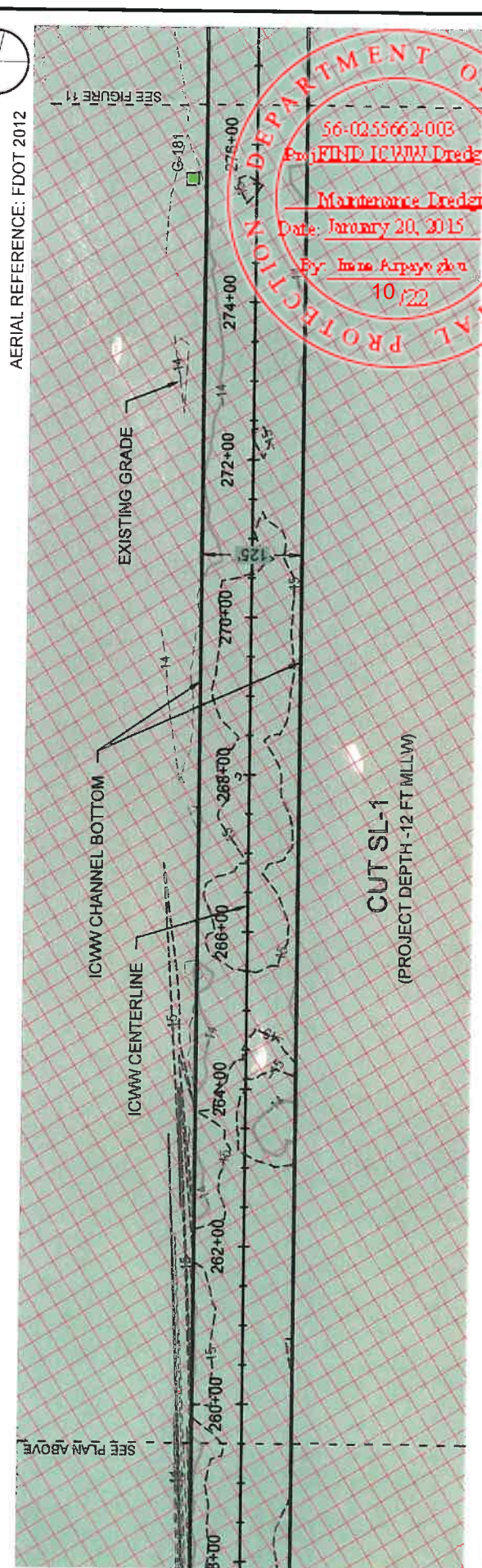
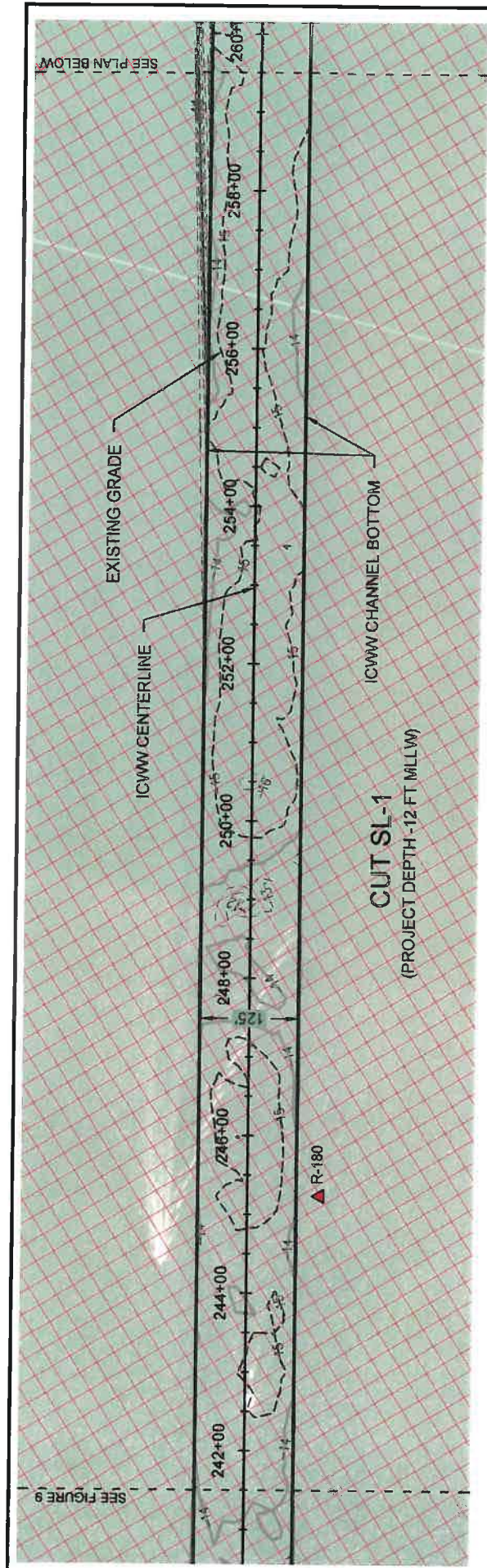
FIGURE 9
DREDGE PLAN 7
FIND ST. LUCIE COUNTY REACH I DREDGING
ST. LUCIE COUNTY, FLORIDA

PROJECT	C201-027
DRAWN BY	CAS
SHEET	9 of 22
DATE	12-18-14

56-0255662-003
 Find ST. LUCIE Dredge
 Maintenance Dredging
 Date: January 20, 2015
 By: Irene Araya

DATE

PRELIMINARY DRAWINGS. THESE DRAWINGS ARE NOT IN FINAL FORM, BUT ARE BEING TRANSMITTED FOR AGENCY REVIEW.



AERIAL REFERENCE: FDOT 2012

56-0255662-003
 FIND ICWW Dredge
 Maintenance Dredging
 Date: January 20, 2015
 By: *Inna Arpayakorn*
 10/22

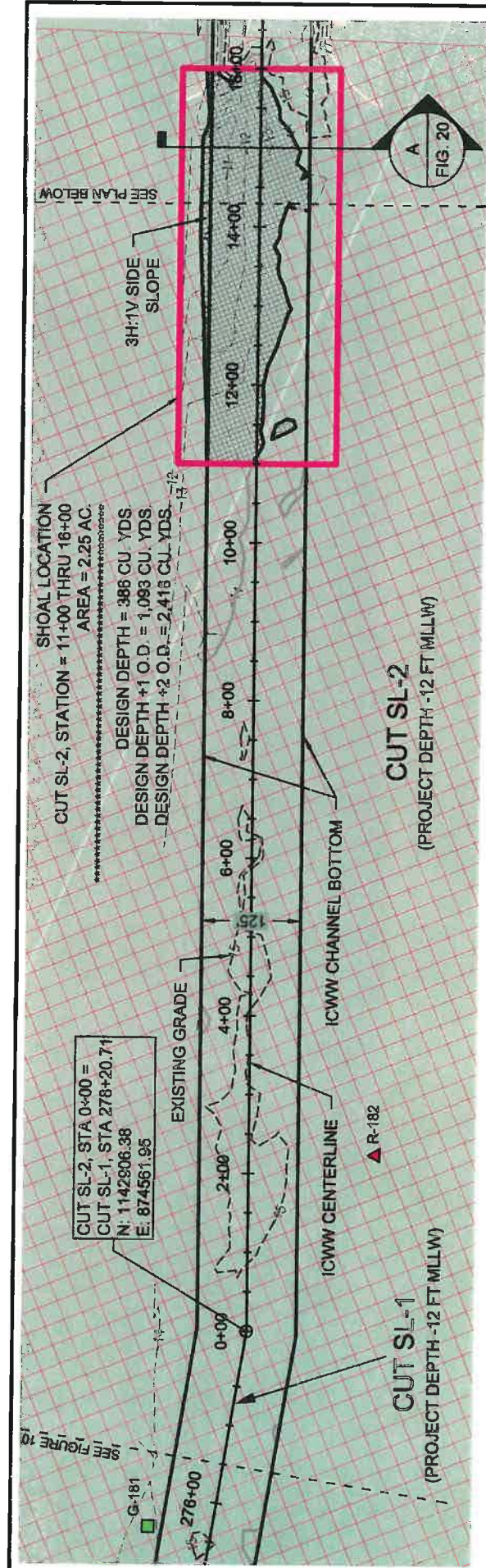
0 200' 400'
 SCALE: 1" = 200'
 PROJECT: C2014-027
 DRAWN BY: CAS
 SHEET: 10 of 22
 DATE: 12-18-14

FIGURE 10
 DREDGE PLAN 8
 FIND ST. LUCIE COUNTY REACH I DREDGING
 ST. LUCIE COUNTY, FLORIDA

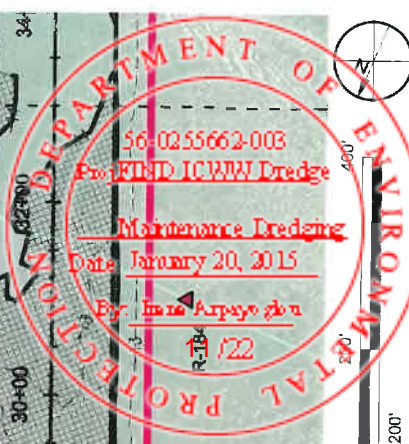
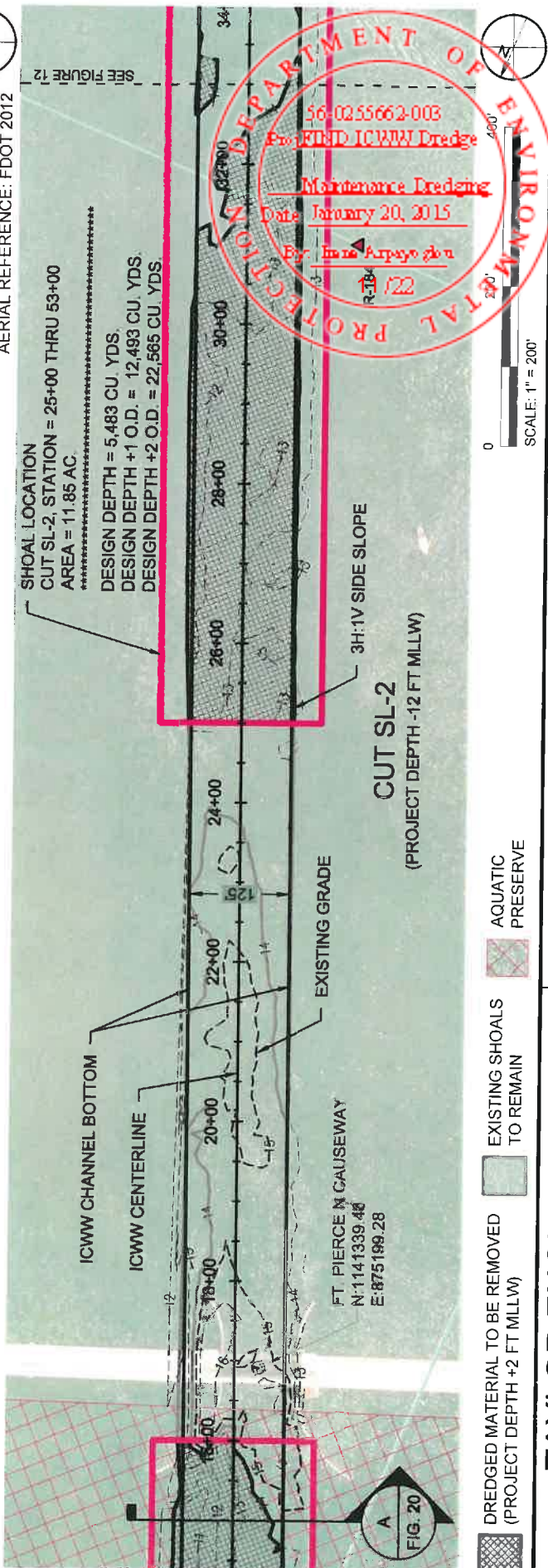
TAYLOR ENGINEERING INC.
 10151 DEERWOOD PARK BLVD.
 BLDG. 300, SUITE 300
 JACKSONVILLE, FL 32256
 CERTIFICATE OF AUTHORIZATION # 4815

AQUATIC PRESERVE
 EXISTING SHOALS TO REMAIN
 DREDGED MATERIAL TO BE REMOVED (PROJECT DEPTH +2 FT MLLW)

PRELIMINARY DRAWINGS. THESE DRAWINGS ARE NOT IN FINAL FORM, BUT ARE BEING TRANSMITTED FOR AGENCY REVIEW



AERIAL REFERENCE: FDOT 2012



- DREDGED MATERIAL TO BE REMOVED (PROJECT DEPTH +2 FT MLLW)
- EXISTING SHOALS TO REMAIN
- AQUATIC PRESERVE

TAYLOR ENGINEERING INC.

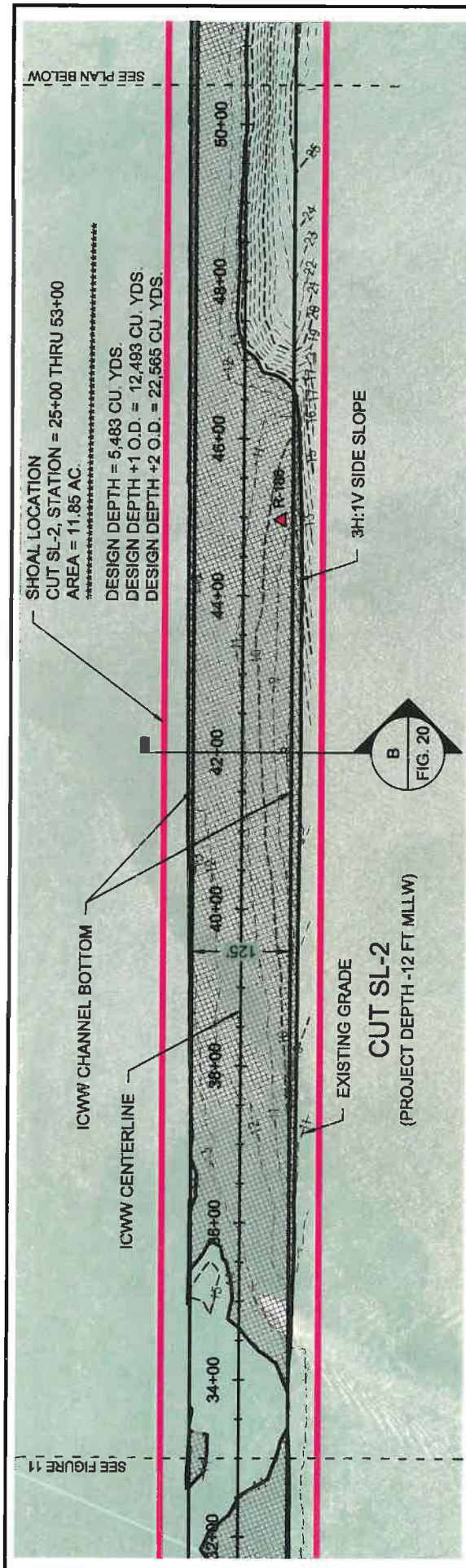
10151 DEERWOOD PARK BLVD.
BLDG. 300, SUITE 300
JACKSONVILLE, FL 32256
CERTIFICATE OF AUTHORIZATION # 4615

FIGURE 11
DREDGE PLAN 9
FIND ST. LUCIE COUNTY REACH I DREDGING
ST. LUCIE COUNTY, FLORIDA

PROJECT	C2014-027
DRAWN BY	CAS
SHEET	11 of 22
DATE	12-18-14

[Signature] 12/22/14
CORY S. BROWNELL P.E. #00025

PRELIMINARY DRAWINGS. THESE DRAWINGS ARE NOT IN FINAL FORM, BUT ARE BEING TRANSMITTED FOR AGENCY REVIEW





TAYLOR ENGINEERING INC.
10151 DEERWOOD PARK BLVD.
BLDG. 300, SUITE 300
JACKSONVILLE, FL 32256
CERTIFICATE OF AUTHORIZATION # 4815

FIGURE 12
DREDGE PLAN 10
FIND ST. LUCIE COUNTY REACH I DREDGING
ST. LUCIE COUNTY, FLORIDA

PROJECT	C2014-021
DRAWN BY	CAS
SHEET	12 of 22
DATE	12-18-14

PRELIMINARY DRAWINGS: THESE DRAWINGS ARE NOT IN FINAL FORM, BUT ARE BEING TRANSMITTED FOR AGENCY REVIEW.

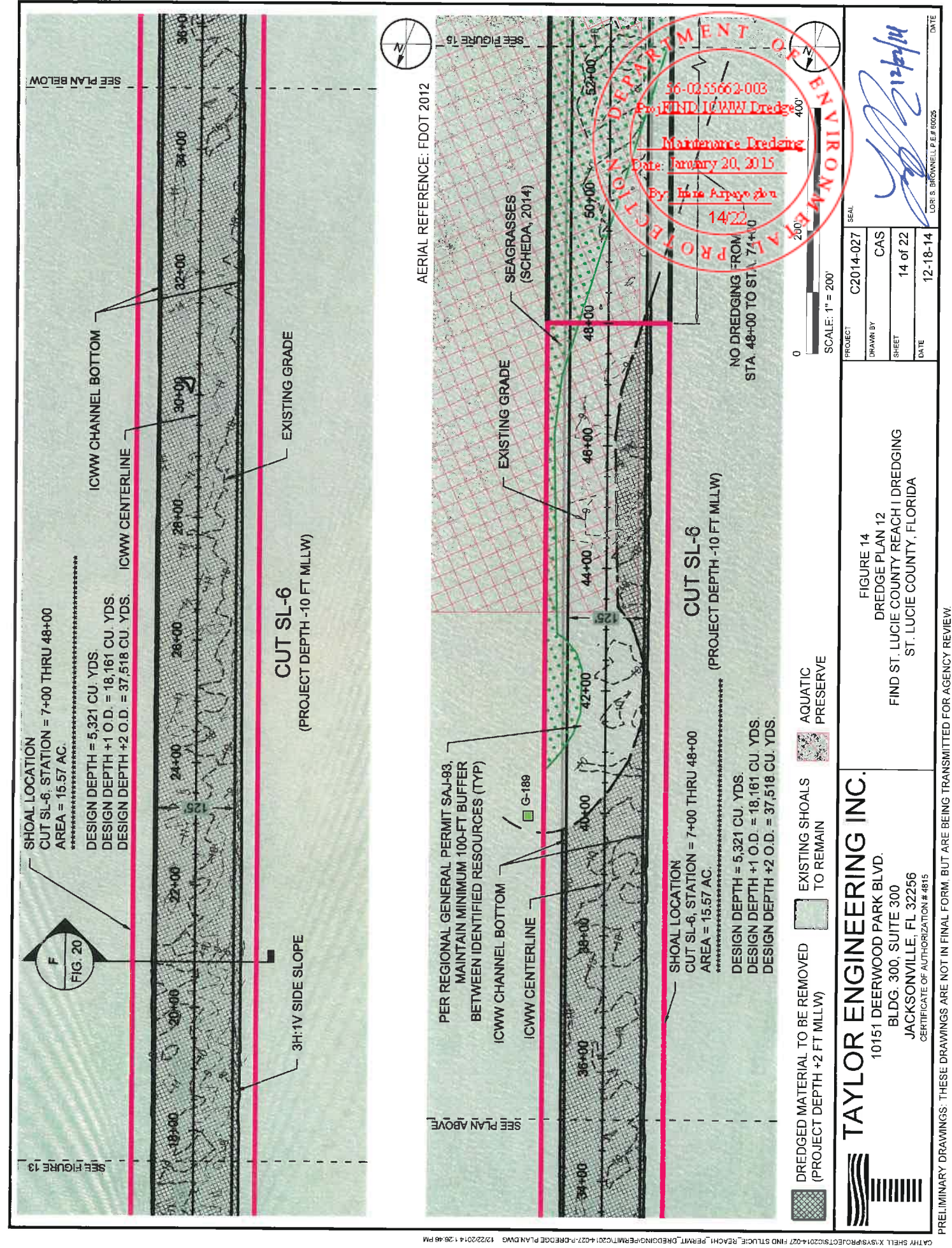
AERIAL REFERENCE: FDOT 2012

66-0355662-0003
Project FIND ICWW Dredge
Maintenance Dredging
Date January 20, 2015
By James Arpayo ghu

DREDGED MATERIAL TO BE REMOVED
(PROJECT DEPTH +2 FT MLLW)

EXISTING SHOALS
TO REMAIN

AQUATIC
PRESERVE



TAYLOR ENGINEERING INC.

10151 DEERWOOD PARK BLVD.
BLDG. 300, SUITE 300
JACKSONVILLE, FL 32256
CERTIFICATE OF AUTHORIZATION # 4815

FIGURE 14
DREDGE PLAN 12
FIND ST. LUCIE COUNTY REACH I DREDGING
ST. LUCIE COUNTY, FLORIDA

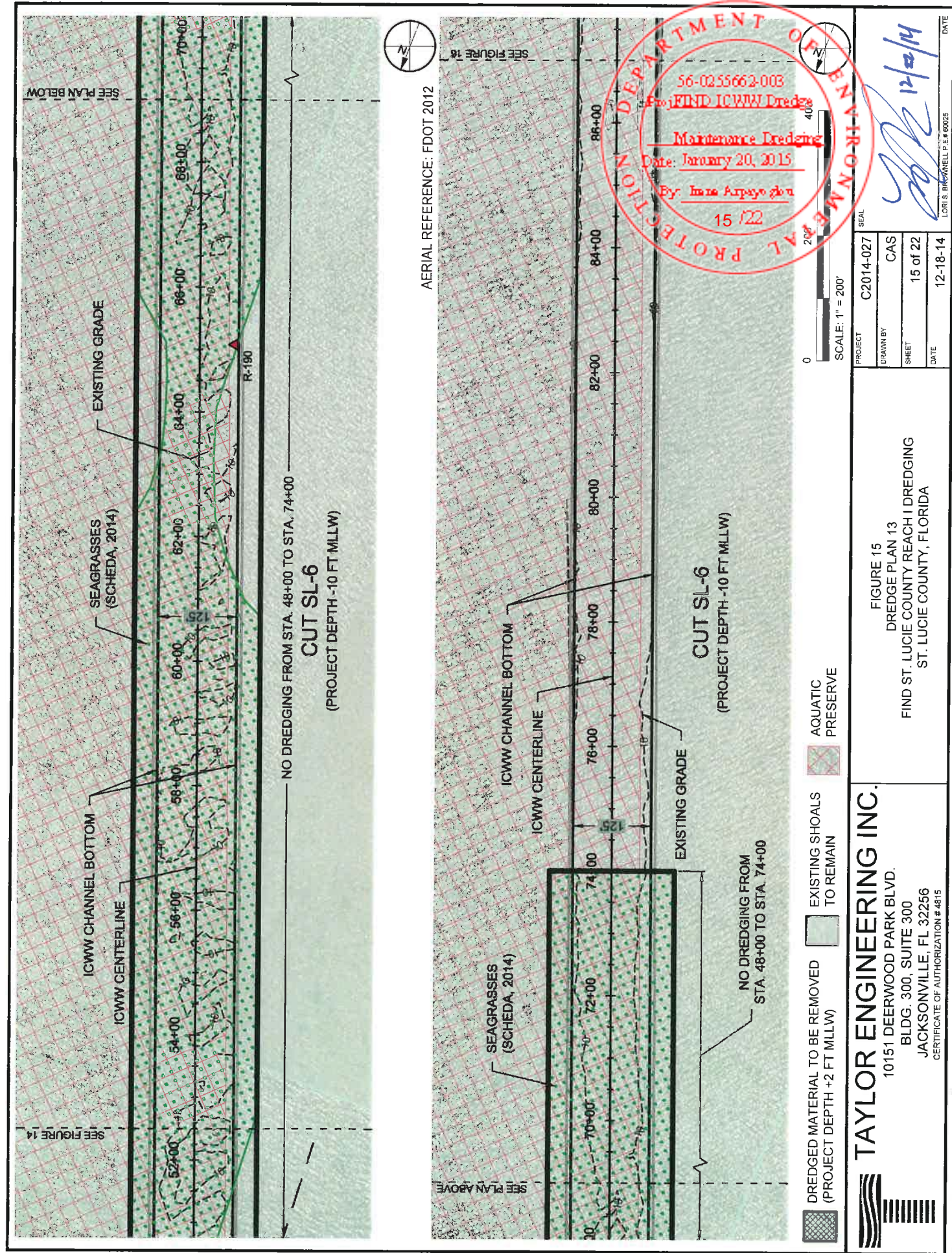
PROJECT: C2014-027
DRAWN BY: CAS
SHEET: 14 of 22
DATE: 12-18-14

12/22/14

PRELIMINARY DRAWINGS: THESE DRAWINGS ARE NOT IN FINAL FORM, BUT ARE BEING TRANSMITTED FOR AGENCY REVIEW.

LOUIS BROWNELL, P.E. 00025

DATE



AERIAL REFERENCE: FDOT 2012

56-0255662-003
FIND ICWW Dredge
Maintenance Dredging
Date: January 20, 2015
By: Irene Arpayo glon
15 / 22

- DREDGED MATERIAL TO BE REMOVED (PROJECT DEPTH +2 FT MLLW)
- EXISTING SHOALS TO REMAIN
- AQUATIC PRESERVE

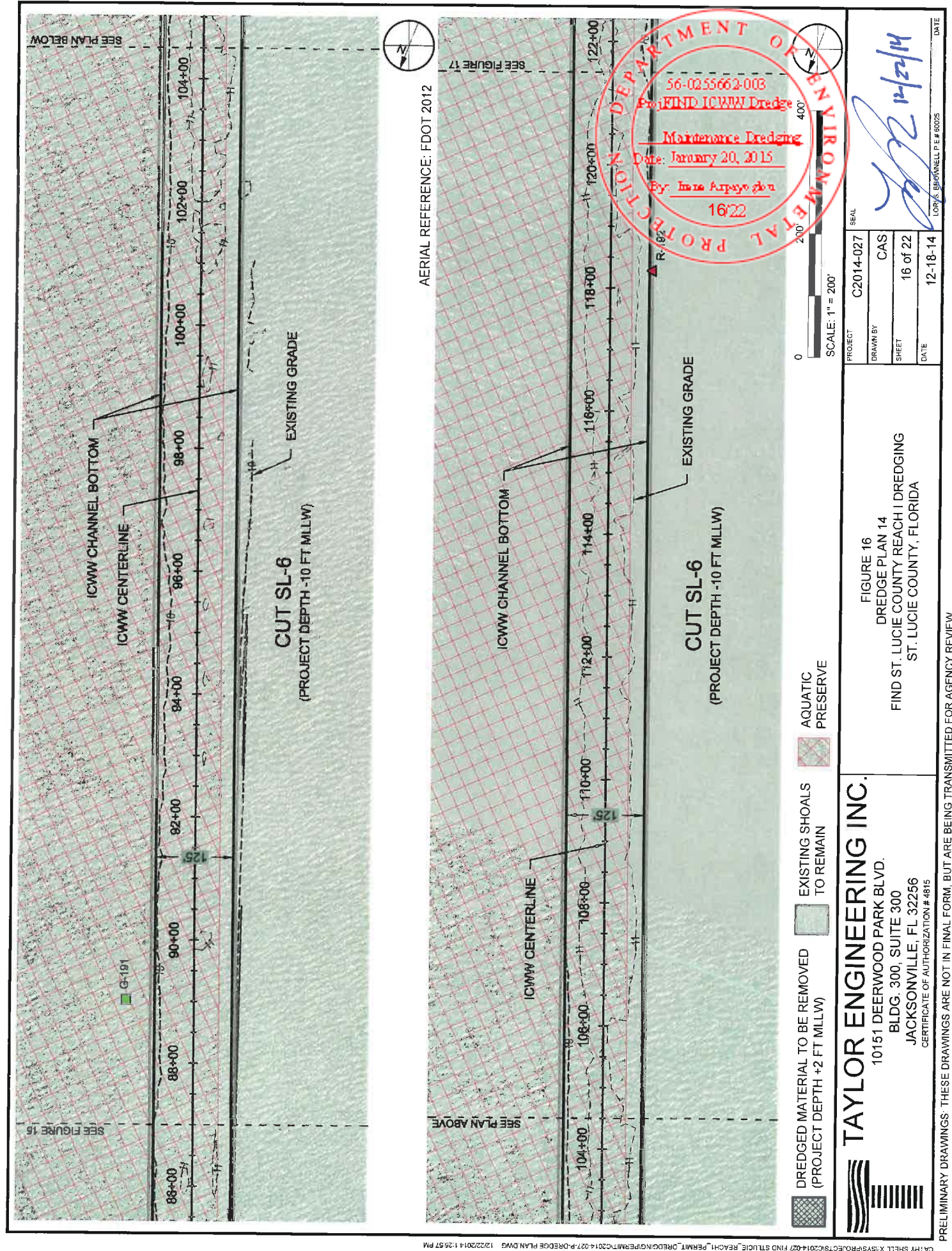
TAYLOR ENGINEERING INC.
10151 DEERWOOD PARK BLVD.
BLDG. 300, SUITE 300
JACKSONVILLE, FL 32256
CERTIFICATE OF AUTHORIZATION # 4815

FIGURE 15
DREDGE PLAN 13
FIND ST. LUCIE COUNTY REACH I DREDGING
ST. LUCIE COUNTY, FLORIDA

PROJECT	C2014-027
DRAWN BY	CAS
SHEET	15 of 22
DATE	12-18-14

12/22/14
LORI S. BROWNELL P.E. #60025

PRELIMINARY DRAWINGS: THESE DRAWINGS ARE NOT IN FINAL FORM, BUT ARE BEING TRANSMITTED FOR AGENCY REVIEW.



C:\AT\PROJECTS\2014\027-P-DREDGE PLAN.DWG 12/22/2014 1:26:57 PM

AERIAL REFERENCE: FDOT 2012

- DREDGED MATERIAL TO BE REMOVED (PROJECT DEPTH +2 FT MLLW)
- EXISTING SHOALS TO REMAIN
- AQUATIC PRESERVE

TAYLOR ENGINEERING INC.

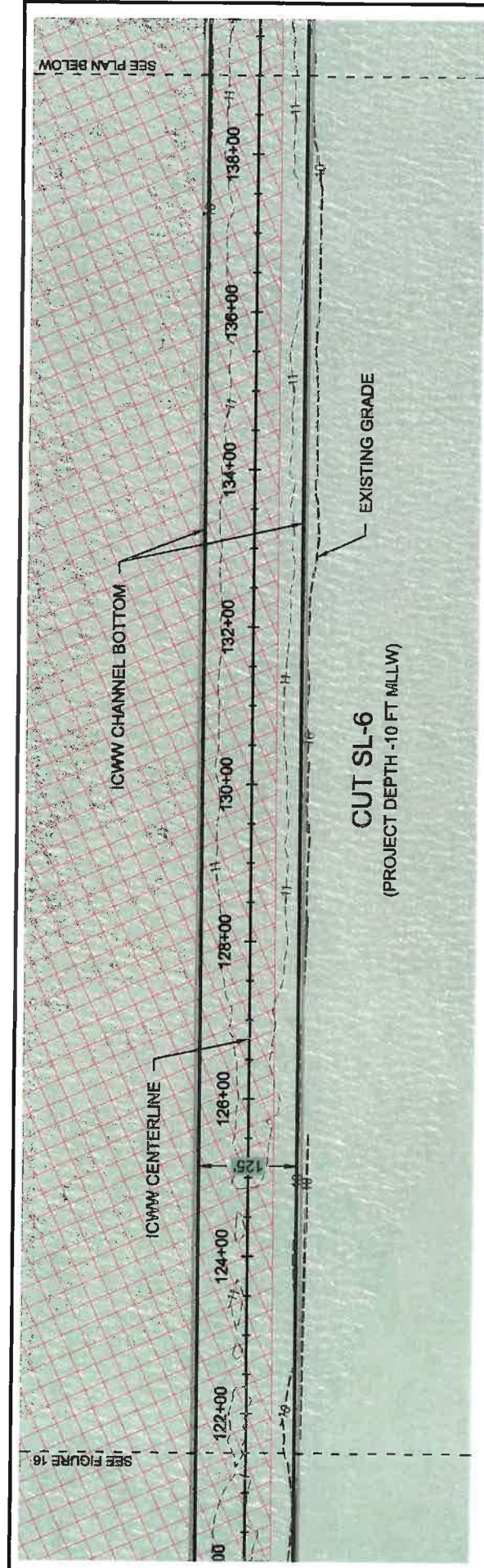
10151 DEERWOOD PARK BLVD.
BLDG. 300, SUITE 300
JACKSONVILLE, FL 32256
CERTIFICATE OF AUTHORIZATION # 4815

FIGURE 16
DREDGE PLAN 14
FIND ST. LUCIE COUNTY REACH I DREDGING
ST. LUCIE COUNTY, FLORIDA

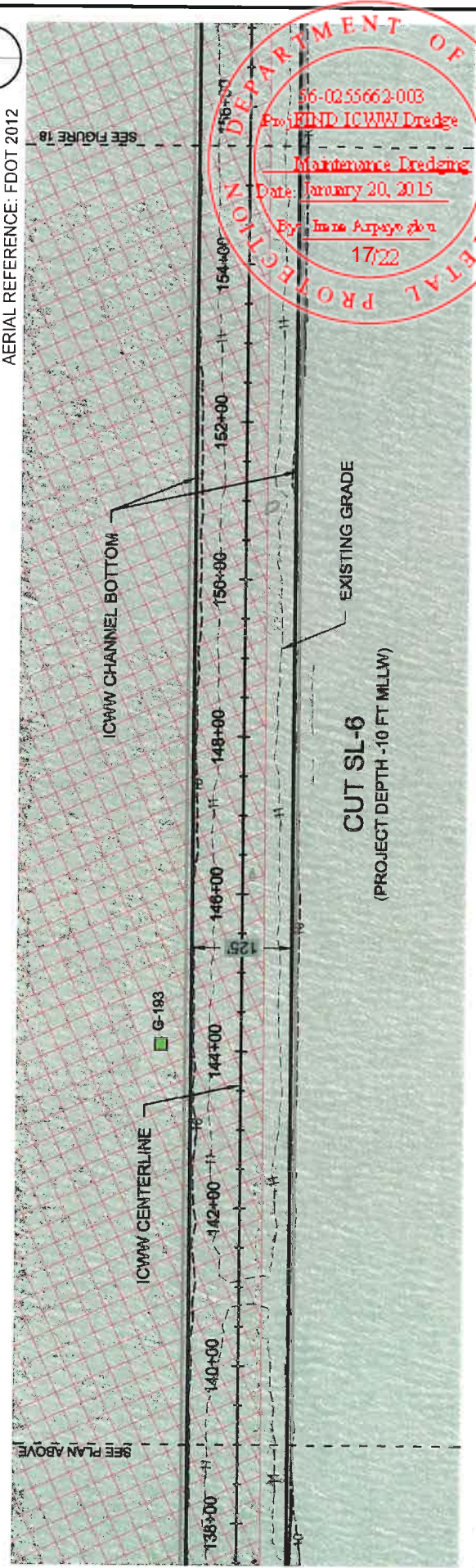
PROJECT	C2014-027
DRAWN BY	CAS
SHEET	16 of 22
DATE	12-18-14

[Signature] 12/22/14
LOVE BROWNELL P.E. # 50025

PRELIMINARY DRAWINGS: THESE DRAWINGS ARE NOT IN FINAL FORM, BUT ARE BEING TRANSMITTED FOR AGENCY REVIEW



AERIAL REFERENCE: FDOT 2012



0 200' 400'
SCALE: 1" = 200'

AQUATIC PRESERVE

EXISTING SHOALS TO REMAIN

DREDGED MATERIAL TO BE REMOVED (PROJECT DEPTH +2 FT MLLW)

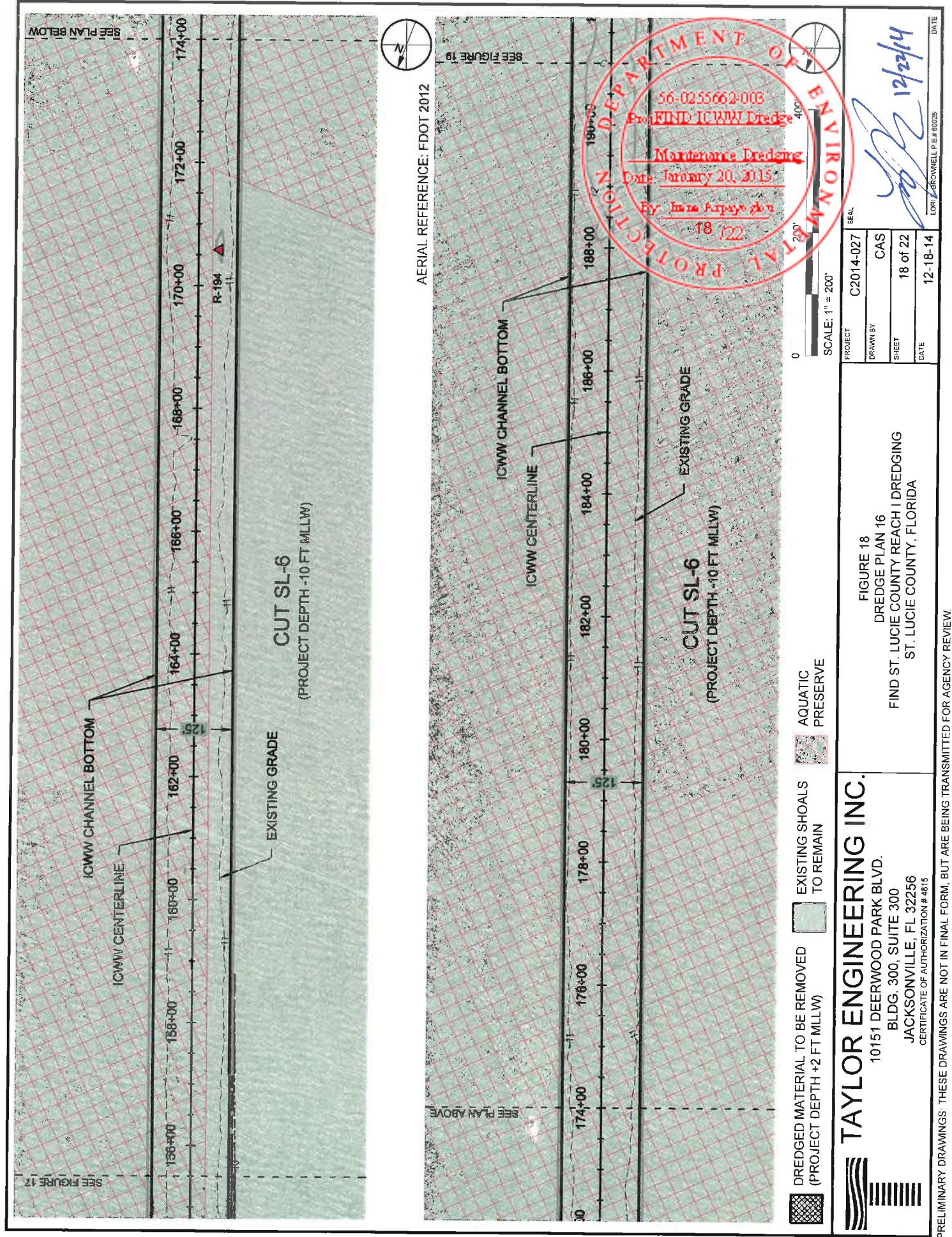
TAYLOR ENGINEERING INC.
10151 DEERWOOD PARK BLVD.
BLDG. 300, SUITE 300
JACKSONVILLE, FL 32256
CERTIFICATE OF AUTHORIZATION # 4815

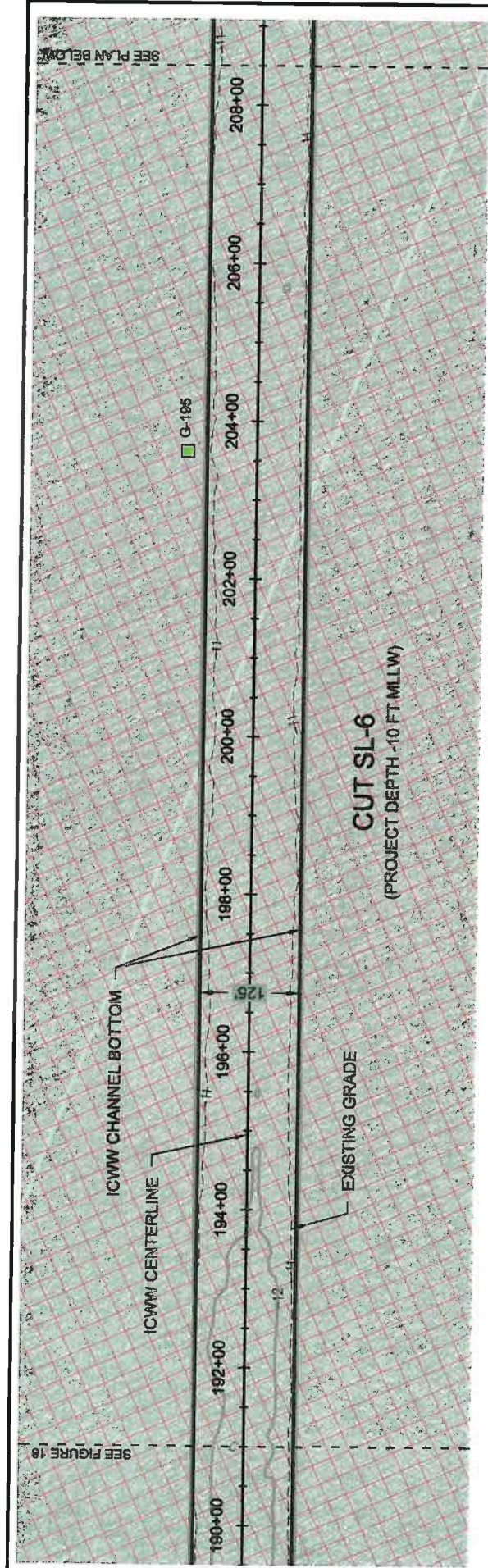
FIGURE 17
DREDGE PLAN 15
FIND ST. LUCIE COUNTY REACH I DREDGING
ST. LUCIE COUNTY, FLORIDA

PROJECT: C2014-027
DRAWN BY: CAS
SHEET: 17 of 22
DATE: 12-18-14

56-0255662-003
FIND ICWW Dredge
Maintenance Dredging
Date: January 20, 2015
By: Jane Arpaio glen
17/22

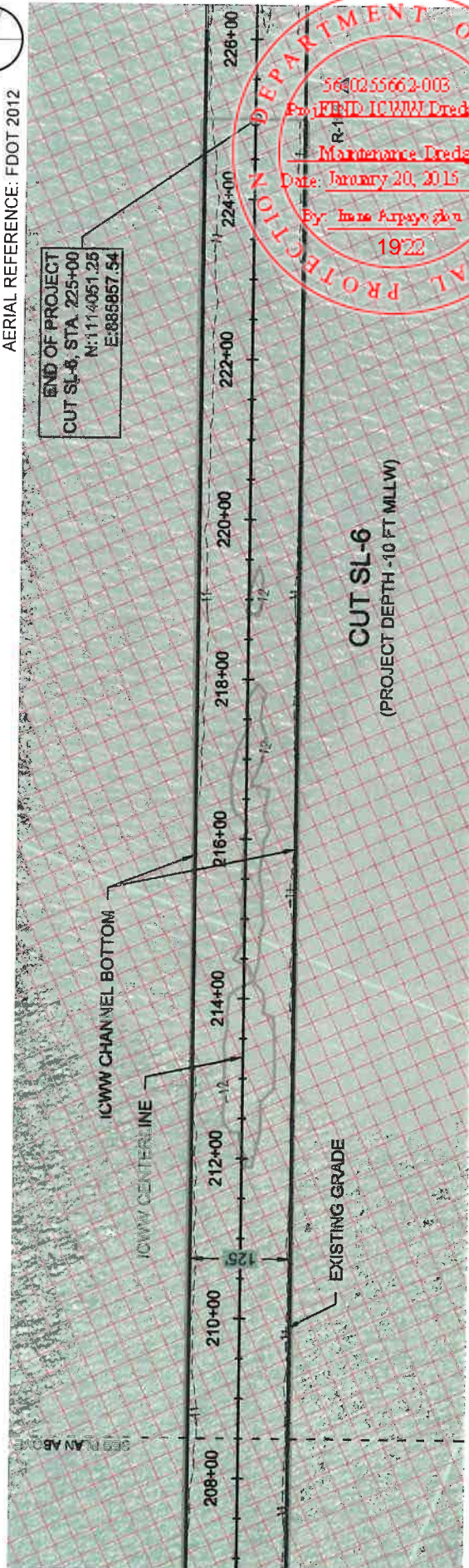
PRELIMINARY DRAWINGS: THESE DRAWINGS ARE NOT IN FINAL FORM, BUT ARE BEING TRANSMITTED FOR AGENCY REVIEW





AERIAL REFERENCE: FDOT 2012

END OF PROJECT
CUT SL-6, STA. 225+00
N: 111.4051.25
E: 885957.54



- DREDGED MATERIAL TO BE REMOVED (PROJECT DEPTH +2 FT MLLW)
- EXISTING SHOALS TO REMAIN
- AQUATIC PRESERVE



TAYLOR ENGINEERING INC.
10151 DEERWOOD PARK BLVD.
BLDG. 300, SUITE 300
JACKSONVILLE, FL 32256
CERTIFICATE OF AUTHORIZATION # 4815

FIGURE 19
DREDGE PLAN 17
FIND ST. LUCIE COUNTY REACH 1 DREDGING
ST. LUCIE COUNTY, FLORIDA

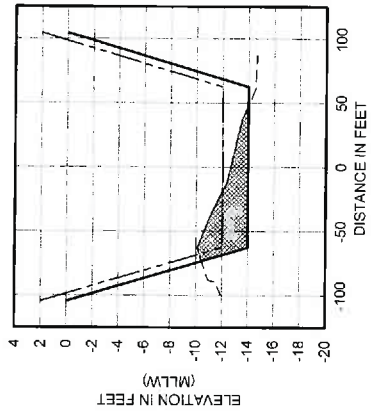
PROJECT	C2014-027
DRAWN BY	CAS
SHEET	19 of 22
DATE	12-18-14

12/27/14
LORI S. BROWNELL P.E. #60025

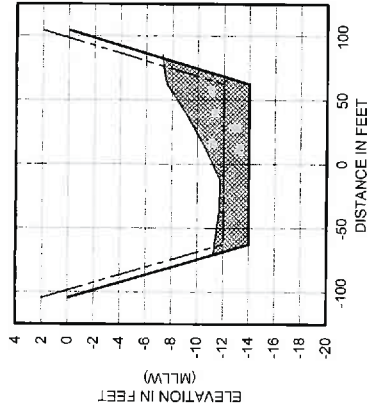
PRELIMINARY DRAWINGS. THESE DRAWINGS ARE NOT IN FINAL FORM, BUT ARE BEING TRANSMITTED FOR AGENCY REVIEW.

DATE

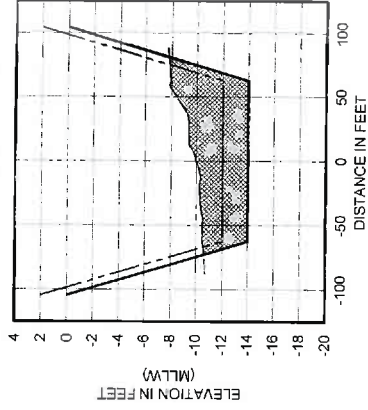
SECTION A
CUT SL-2, STA. 15+00



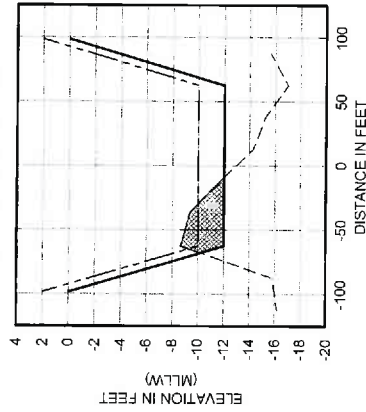
SECTION B
CUT SL-2, STA. 42+00



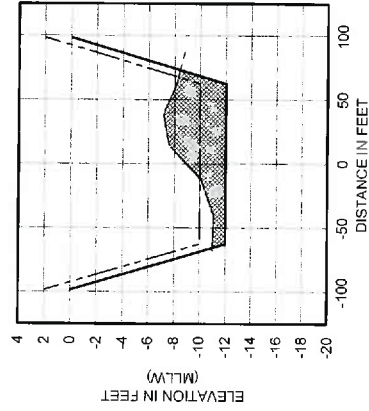
SECTION C
CUT SL-3, STA. 9+70



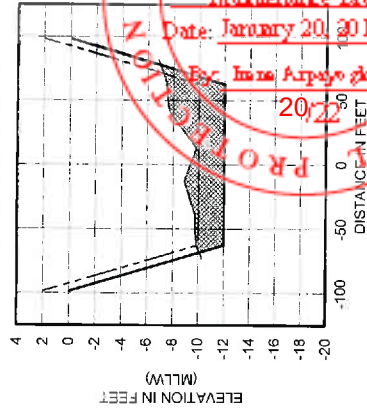
SECTION D
CUT SL-4, STA. 3+15



SECTION E
CUT SL-6, STA. 15+75

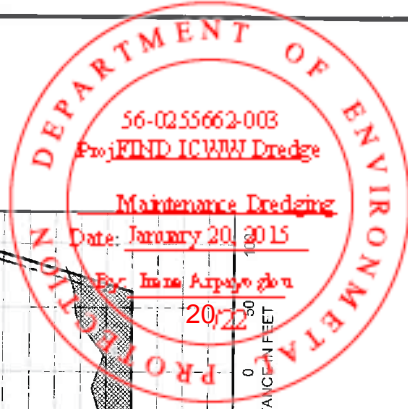


SECTION F
CUT SL-6, STA. 20+75



- EXISTING GRADE
- DESIGN CHANNEL (-12/-10 FT MLLW)
- ALLOWABLE 2 FT OVERDREDGE
- DREDGED MATERIAL TO BE REMOVED

0 150' 300'
SCALE: 1" = 150'
VERT SCALE: 1" = 15'

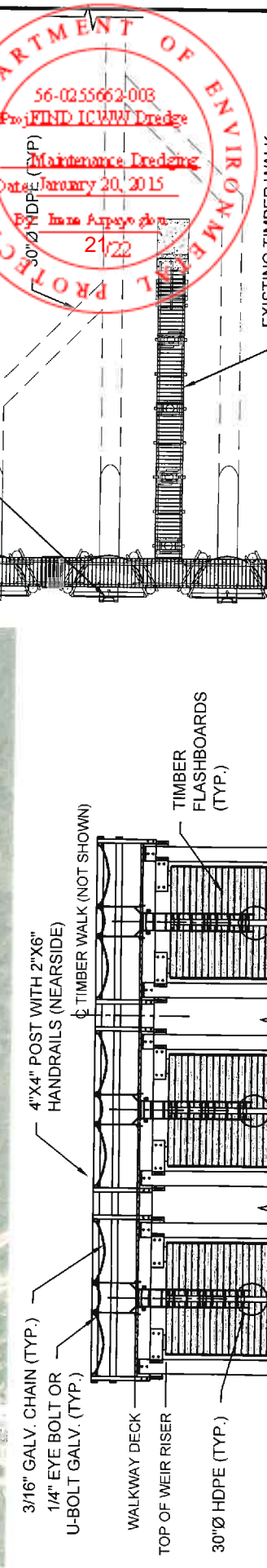
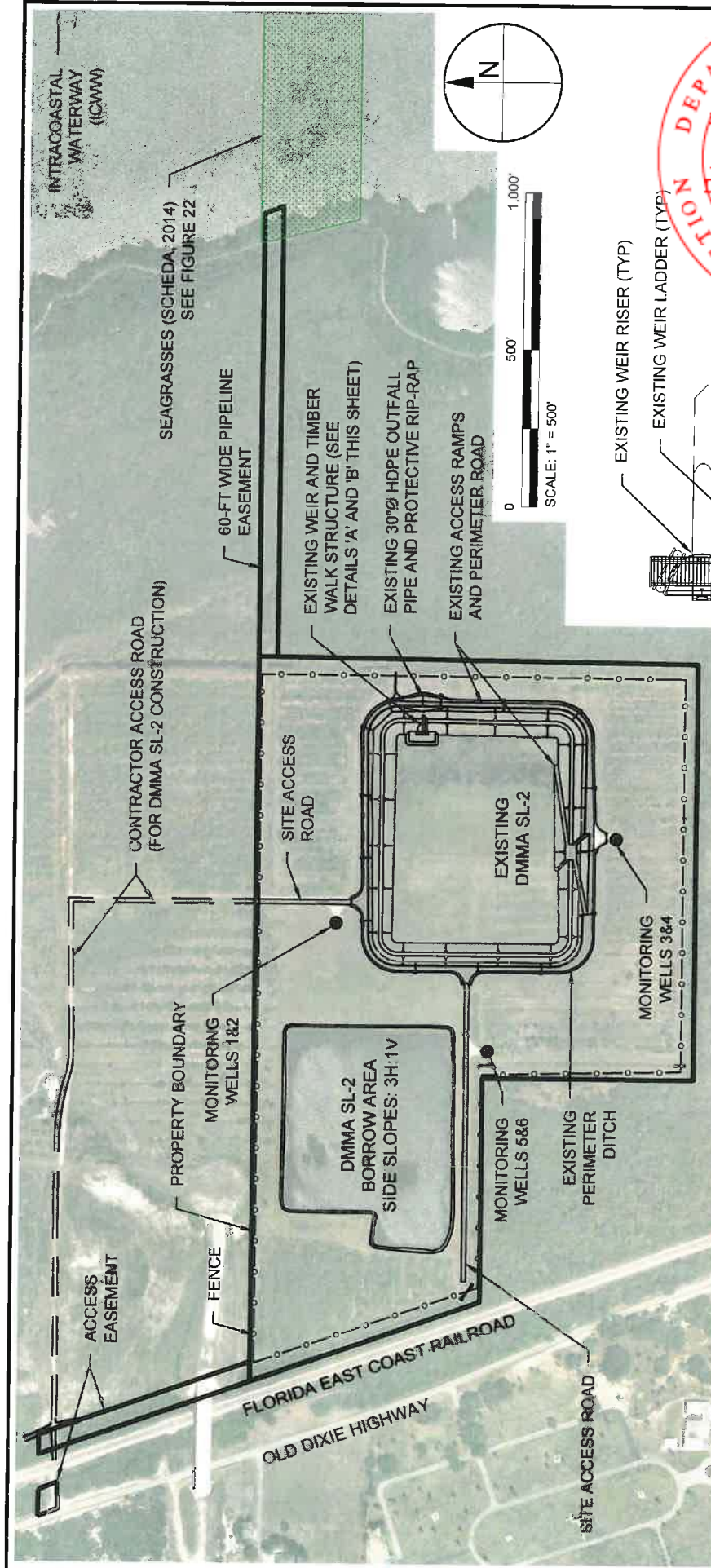


TAYLOR ENGINEERING INC.
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JACKSONVILLE, FL 32256
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FIGURE 20
TYPICAL CROSS-SECTIONS
FIND ST. LUCIE COUNTY REACH I DREDGING
ST. LUCIE COUNTY, FLORIDA

PROJECT	C2014-027	SEAL
DRAWN BY	CAS	
SHEET	20 of 22	
DATE	12-18-14	

PRELIMINARY DRAWINGS: THESE DRAWINGS ARE NOT IN FINAL FORM, BUT ARE BEING TRANSMITTED FOR AGENCY REVIEW

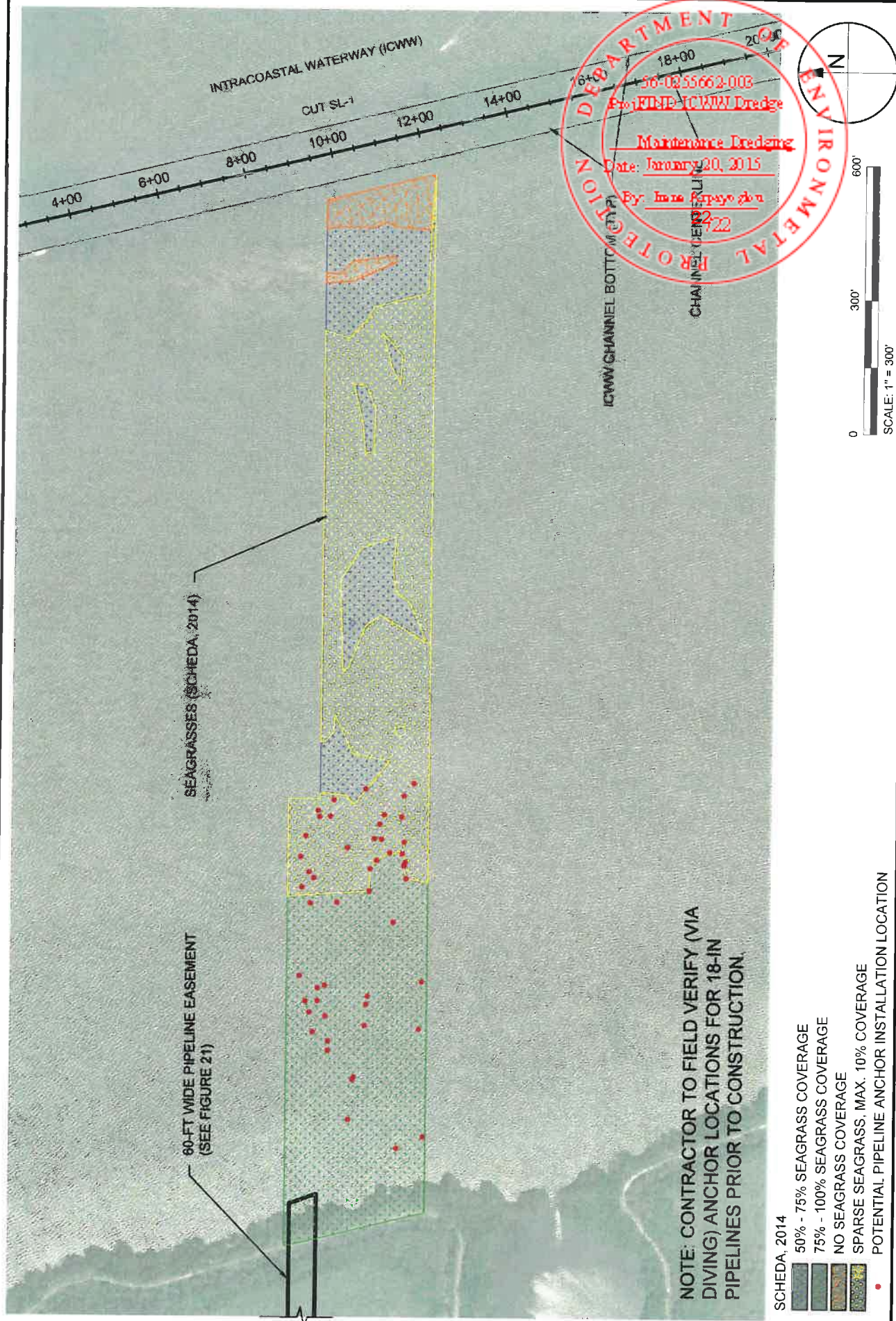


TAYLOR ENGINEERING INC.
10151 DEERWOOD PARK BLVD.
BLDG. 300, SUITE 300
JACKSONVILLE, FL 32256
CERTIFICATE OF AUTHORIZATION # 4815

FIGURE 21
DREDGED MATERIAL MANAGEMENT AREA SL-2
FIND ST. LUCIE COUNTY REACH I DREDGING
ST. LUCIE COUNTY, FLORIDA

PROJECT	C2014-027	DRAWN BY	CAS	SHEET	21 of 22
DATE	12-18-14				

DATE: 12/22/14
LORI E. BROWNELL P.E. # 60225



60-FT WIDE PIPELINE EASEMENT
(SEE FIGURE 21)

SEAGRASSES (SCHEDA, 2014)

NOTE: CONTRACTOR TO FIELD VERIFY (VIA
DIVING) ANCHOR LOCATIONS FOR 18-IN
PIPELINES PRIOR TO CONSTRUCTION.

- SCHEDA, 2014
- 50% - 75% SEAGRASS COVERAGE
 - 75% - 100% SEAGRASS COVERAGE
 - NO SEAGRASS COVERAGE
 - SPARSE SEAGRASS, MAX. 10% COVERAGE
 - POTENTIAL PIPELINE ANCHOR INSTALLATION LOCATION

TAYLOR ENGINEERING INC.
10151 DEERWOOD PARK BLVD.
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CERTIFICATE OF AUTHORIZATION # 4815

FIGURE 22
PIPELINE EASEMENT
FIND ST. LUCIE COUNTY REACH I DREDGING
ST. LUCIE COUNTY, FLORIDA

PROJECT	C2014-027
DRAWN BY	CAS
SHEET	22 of 22
DATE	12-18-14

[Signature] 12/22/14
LOUIS BROWNE, P.E. 00025