

JOINT PUBLIC NOTICE

June 5, 2017

United States Army Corps of Engineers
New Orleans District
Regulatory Branch
7400 Leake Avenue
New Orleans, Louisiana 70118

State of Louisiana
Department of Environmental Quality
Office of Environmental Services
Post Office Box 4313
Baton Rouge, Louisiana 70821-4313

(504) 862-2675
Project Manager
Jamie Crowe
Jamie.M.Crowe@usace.army.mil
Permit Application Number
MVN 2010-02959 CO

(225) 219-3225
Project Manager
Elizabeth Hill

WQC Application Number
WQC 170526-01

Interested parties are hereby notified that a permit application has been received by the New Orleans District of the U.S. Army Corps of Engineers pursuant to:
[X] Section 10 of the Rivers and Harbors Act of March 3, 1899 (30 Stat. 1151; 33 USC 403); and/or [X] Section 404 of the Clean Water Act (86 Stat. 816; 33 USC 1344).

Application has also been made to the Louisiana Department of Environmental Quality, Office of Environmental Services, for a Water Quality Certification (WQC) in accordance with statutory authority contained in LRS30:2047 A(3), and provisions of Section 401 of the Clean Water Act (P.L.95-17).

MAINTENANCE DREDGING IN TERREBONNE PARISH

NAME OF APPLICANT: Talos Energy, 500 Dallas Street, Suite 200, Houston, Texas 77002.

LOCATION OF WORK: Within the Terrebonne Basin (HUC 08090302); in Lake Pelto, approximately 29 miles southwest of Chauvin, Louisiana, in Terrebonne Parish.

CHARACTER OF WORK: The applicant has requested authorization to dredge an area to allow access to the existing Caillou Boca Tank Battery Facility. Currently, the facility is almost inaccessible by barge due to shoaling. The site will be accessed via existing channels. Approximately 90,800 cubic yards of native material will be dredged and placed at the current marsh elevation of +2.5 feet NAVD88 to create back barrier marsh behind Whiskey Island. Approximately 9.4 acres of non-vegetated water bottoms will be dredged and approximately 18.7 acres of water bottoms will be filled at heights conducive to marsh creation. No impacts to vegetated wetlands are proposed. No compensatory mitigation is anticipated. Should compensatory mitigation be

required, the applicant proposes to purchase wetland credits from a Corps approved mitigation bank located in the watershed.

It is presumed that the applicant has designed the project to avoid and minimize direct and secondary adverse impacts to the maximum extent practicable. Any further reduction would limit usage of the property and, therefore function deeming the project impracticable.

The comment period for the Department of the Army Permit and the Louisiana Department of Environmental Quality WQC will close **20 days** from the date of this joint public notice. Written comments, including suggestions for modifications or objections to the proposed work, stating reasons thereof, are being solicited from anyone having interest in this permit and/or this WQC request and must be mailed, so as to be received before or by the last day of the comment period. Letters concerning the Corps of Engineers permit application must reference the applicant's name and the Permit Application Number, and be mailed to the Corps of Engineers at the address above, **ATTENTION: REGULATORY BRANCH**. The application for this proposed project is on file with the Louisiana Department of Environmental Quality and may be examined weekdays between 8:00 a.m. and 4:30 p.m. Copies may be obtained upon payment of costs of reproduction. Individuals or parties may request an extension of time in which to comment on the proposed work by writing or e-mailing the Corps of Engineers Project Manager listed above. Any request must be specific and substantively supportive of the requested extension, and received by this office prior to the end of the initial comment period. The Section Chief will review the request and the requestor will be promptly notified of the decision to grant or deny the request. If granted, the time extension will be continuous to the initial comment period and, inclusive of the initial comment period, will not exceed a total of 30 calendar days. Letters concerning the Water Quality Certification must reference the applicant's name and the WQC Application number and be mailed to the Louisiana Department of Environmental Quality at the address above.

Corps of Engineers Permit Criteria

The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people.

The U.S. Army Corps of Engineers is soliciting comments from the public, federal, state, and local agencies and officials, Indian Tribes, and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the U.S. Army Corps of Engineers to determine whether to make, modify, condition, or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

The New Orleans District is unaware of properties listed on the National Register of Historic Places near the proposed work. The possibility exists that the proposed work may damage or destroy presently unknown archeological, scientific, prehistorical, historical sites, or data. Copies of this notice are being sent to the State Archeologist and State Historic Preservation Officer.

Our initial finding is that the proposed work would not affect any species, nor affect any habitat designated as critical to the survival and recovery of such species, listed as endangered by the U.S. Department of Commerce.

The New Orleans District has determined that the proposed project is located in waters known to be utilized by the west Indian manatee (*Trichechus manatus*) and determined that the proposed activity is not likely to adversely affect the species, provided the *Standard Manatee Conditions for In-Water Activities* are included in any authorization from this office. This determination is based on the Standard Local Operating Procedure for Endangered Species of Louisiana (SLOPES), dated October 22, 2014, between the U.S. Army Corps of Engineers and U.S. Fish and Wildlife Service, Ecological Services Office.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The applicant's proposal would result in the destruction or alteration of **30 acres** of EFH utilized by various life stages of red drum and penaeid shrimp. Our initial determination is that the proposed action would not have a substantial adverse impact on EFH or federally managed fisheries in the Gulf of Mexico. Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the National Marine Fisheries Service.

If the proposed work involves deposits of dredged or fill material into navigable waters, the evaluation of the probable impacts will include the application of guidelines established by the Administrator of the Environmental Protection Agency. Also, a certification that the proposed activity will not violate applicable water quality standards will be required from the Department of Environmental Quality, Office of Environmental Services, before a permit is issued.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing. You are requested to communicate the information contained in this notice to any other parties whom you deem likely to have interest in the matter.

The applicant has certified that the proposed activity described in the application complies with and will be conducted in a manner that is consistent with the Louisiana Coastal Resources Program. The Department of the Army permit will not be issued unless the applicant received approval or a waiver of the Coastal Use Permit by the Department of Natural Resources.

You are requested to communicate the information contained in this notice to any other parties whom you deem likely to have interest in the matter.

For: John M. Herman
Chief, Central Evaluation Section
Regulatory Branch

Enclosure

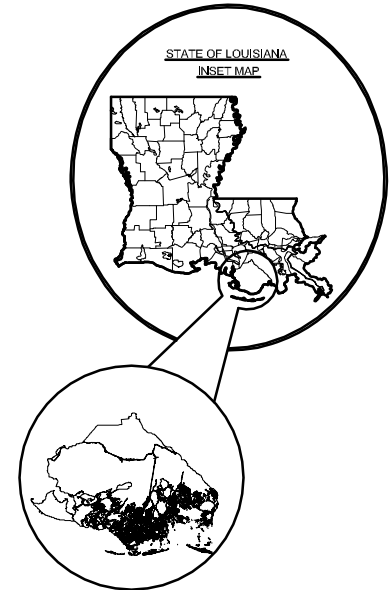
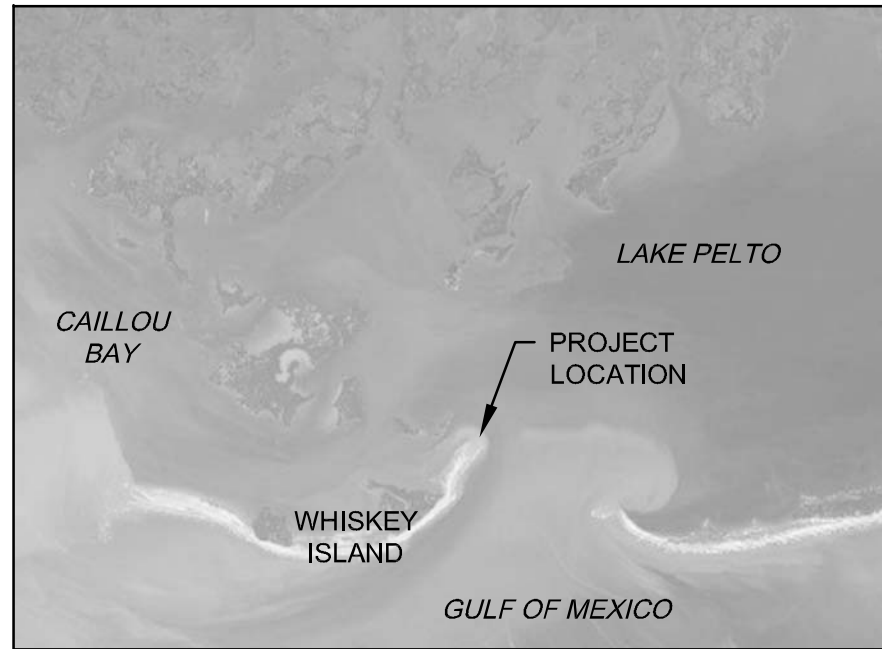
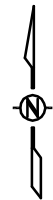
TALOS ENERGY PERMIT DRAWINGS

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- 6 CROSS SECTION B-B'
- 7 CROSS SECTION C-C'
- 8 CROSS SECTION D-D'
- 9 CROSS SECTION E-E'
- 10 CROSS SECTION F-F'

CAILLOU BOCA TANK BATTERY MAINTENANCE DREDGING TERREBONNE PARISH



CB&I COASTAL PLANNING & ENGINEERING, INC.

2481 N.W. BOCA RATON BOULEVARD
BOCA RATON, FLORIDA 33431

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FAX (561) 391-9116

www.CoastalPlanning.net

C.O.A. FL. #4028
C.O.A. LA. #2531

APPLICATION BY:
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ONE ALLEN CENTER
500 DALLAS STREET, STE. 2000
HOUSTON, TX. 77002
(713) 380-4907

TALOS ENERGY
ONE ALLEN CENTER
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HOUSTON, TX. 77002
(713) 380-4907

**TITLE SHEET AND
SITE LOCATION MAP**

STATE PROJECT NUMBER:

DATE: 2/3/16 Revised 4/18/17

DRAWN BY: GK

DESIGNED BY: CP

APPROVED BY: WT

FEDERAL PROJECT NUMBER:

SHEET 1 OF 10

GENERAL NOTES

1. ALL ELEVATIONS ARE GIVEN IN THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD '88) U.S. SURVEY FEET (FEET), GEOID 2012a. ALL HORIZONTAL COORDINATES ARE GIVEN IN THE NORTH AMERICAN DATUM OF 1983 (NAD '83, LOUISIANA STATE PLANE SOUTH ZONE) U.S. SURVEY FEET (FEET).
2. THE PROPOSED EXCAVATION AREA CONTAINS APPROXIMATELY 90,800 CY OF MATERIAL. THIS MATERIAL WILL BE PLACED IN THE PROPOSED PLACEMENT AREA BEHIND WHISKEY ISLAND AT THE EXISTING MARSH ELEVATION OF 2.5 FEET NAVD88. THE PLACEMENT OF MATERIAL AT MARSH ELEVATION WILL ENCOMPASS APPROXIMATELY 19.1 ACRES.
3. THE CONTRACTOR WILL PROVIDE AS-BUILT EXCAVATION AND PLACEMENT VOLUMES UPON THE COMPLETION OF CONSTRUCTION.
4. ELEVATIONS SHOWN ON THE PLANS ARE BASED ON SURVEYS PERFORMED IN DECEMBER OF 2015. THE SURVEYS WERE CONDUCTED BY CB&I FOR TALOS ENERGY.
5. MEAN HIGH WATER (MHW) AND MEAN LOW WATER (MLW) WERE CALCULATED FOR THE WHISKEY ISLAND AREA AS PART OF THE CAILLOU LAKE HEADLANDS PROJECT (TE-100) BY CEC. ELEVATION ARE REFERENCED TO NAVD '88, US FEET.
6. THE CONTRACTOR SHALL LOCATE INFRASTRUCTURE IN ALL AREAS OF EXCAVATION AND OTHER WORK THAT MAY POTENTIALLY DAMAGE OR INTERFERE WITH EXISTING INFRASTRUCTURE, PRIOR TO ANY WORK. LOCATION OF INFRASTRUCTURE (PIPELINES, WELL HEADS, ETC.) ARE PROVIDED IN THE CONTRACT DOCUMENTS FOR INFORMATIONAL PURPOSES ONLY
7. AVOIDING IMPACTS TO EXISTING VEGETATION: FOR PROTECTION OF EXISTING VEGETATION, ACCESS TO OR MOVEMENT ACROSS THE MARSH OUTSIDE OF THE DEFINED PROJECT AREA SHALL GENERALLY BE PROHIBITED WITHIN VEGETATED AREAS FOR ALL PERSONNEL AND EQUIPMENT. VEGETATED AREAS SHALL NOT BE USED FOR EQUIPMENT, PERSONNEL OR MATERIAL ACCESS OR STORAGE. THE DREDGED FILL SHALL BE DISCHARGED WITHIN THE CONTAINED AREAS IN A MANNER THAT WILL MINIMIZE OVERFLOW OF THE DREDGED MATERIAL FROM THE BOUNDS OF ITS PLACEMENT AREA, AND MINIMIZE THE IMPACT TO EXISTING VEGETATION.

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CAILLOU BOCA MAINTENANCE
DREDGING PROJECT
GENERAL NOTES

STATE PROJECT NUMBER:

DATE: 2/3/16

DRAWN BY: GK

DESIGNED BY: CP

APPROVED BY: WT

FEDERAL PROJECT NUMBER:

SHEET 2 OF 10

PROPOSED DREDGING

COORDIANTE LOCATIONS			
ID #	Latitude	Longitude	Elevation
1	029.060	-090.810	-13.0
2	029.060	-090.811	-13.0
3	029.058	-090.810	-13.0
4	029.058	-090.809	-13.0
5	029.057	-090.807	-13.0
6	029.058	-090.807	-13.0
7	029.058	-090.808	-13.0
8	029.059	-090.809	-13.0

TEMPORARY SPOIL AREA

COORDIANTE LOCATIONS			
ID #	Latitude	Longitude	Elevation
9	029.058	-090.810	5.0
10	029.058	-090.811	5.0
11	029.058	-090.810	5.0
12	029.058	-090.810	5.0

PROPOSED PLACEMENT
OF DREDGED MATERIAL

COORDIANTE LOCATIONS			
ID #	Latitude	Longitude	Elevation
17	029.058	-090.810	2.5
18	029.057	-090.811	2.5
19	029.057	-090.811	2.5
20	029.056	-090.812	2.5
21	029.056	-090.811	2.5
22	029.056	-090.811	2.5
23	029.055	-090.810	2.5
24	029.056	-090.810	2.5
25	029.055	-090.809	2.5
26	029.055	-090.808	2.5
27	029.056	-090.807	2.5
28	029.056	-090.809	2.5

PROPOSED TEMPORARY
ACCESS CHANNEL

COORDIANTE LOCATIONS			
ID #	Latitude	Longitude	Elevation
13	029.058	-090.810	-7.0
14	029.058	-090.810	-7.0
15	029.058	-090.810	-7.0
16	029.058	-090.810	-7.0

TEMPORARY
REHANDLING AREA 1

COORDIANTE LOCATIONS		
ID #	Latitude	Longitude
29	029.057	-090.809
30	029.058	-090.809
31	029.058	-090.810
32	029.057	-090.809
33	029.057	-090.808
34	029.057	-090.808

TEMPORARY
REHANDLING AREA 2

COORDIANTE LOCATIONS		
ID #	Latitude	Longitude
35	029.058	-090.807
36	029.057	-090.807
37	029.057	-090.807
38	029.058	-090.807

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CAILLOU BOCA
MAINTENANCE DREDGING
COORDINATE LOCATIONS

STATE PROJECT NUMBER:

DATE: 2/3/16

DRAWN BY: GK

DESIGNED BY: CP

APPROVED BY: WT

FEDERAL PROJECT NUMBER:

SHEET 3 OF 10

AREA AND VOLUME TABLE		
	AREA (ACRES)	VOLUME (CUBIC YARDS)
PROPOSED EXCAVATION	9.4	90,800
PROPOSED PLACEMENT	18.7	90,800
ACCESS CHANNEL	0.3	750
TEMPORARY SPOIL	0.5	4,300
REHANDLING AREA 1	1.6	13,000
REHANDLING AREA 2	0.5	2,350

LEGEND:

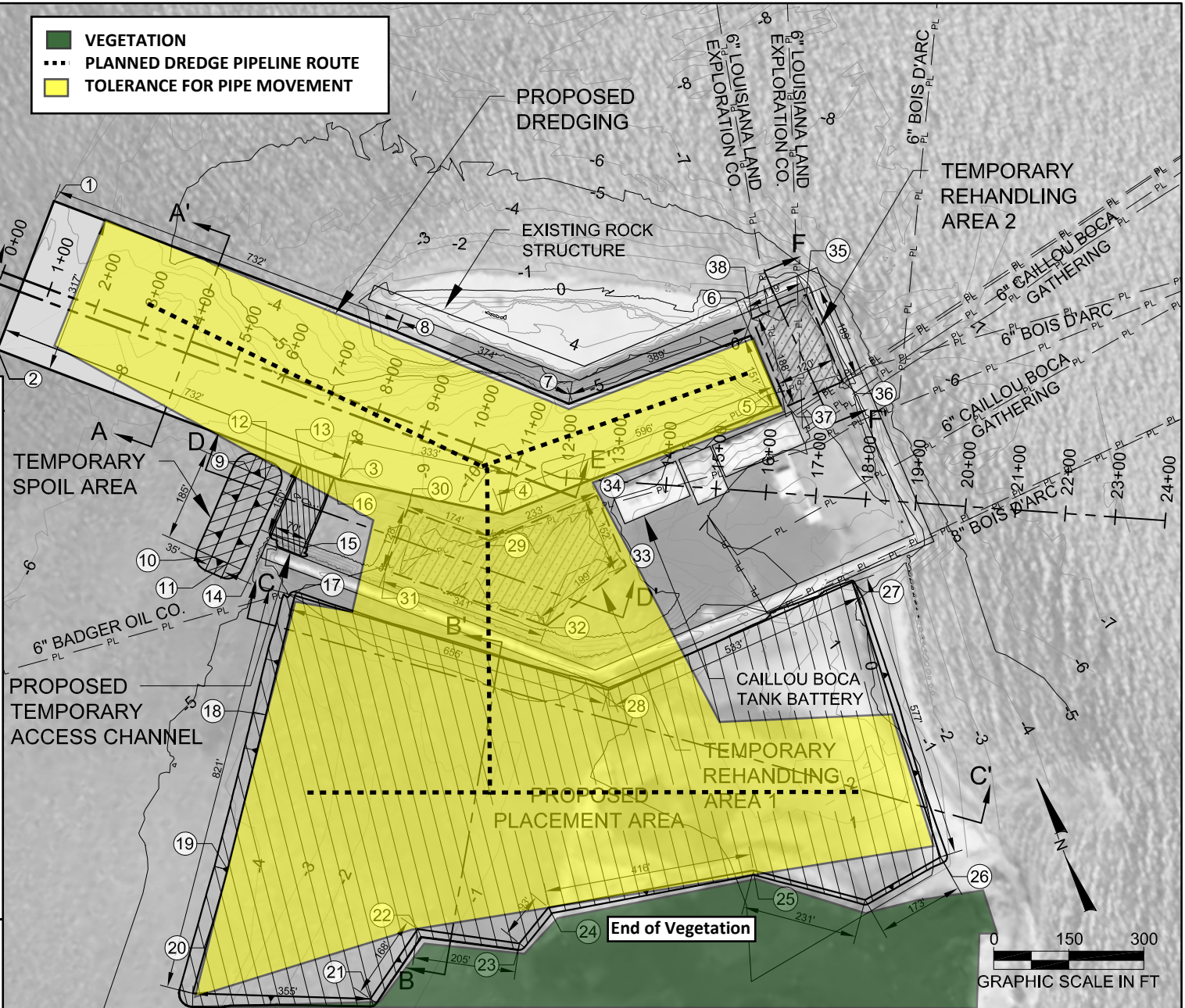
DREDGING
 PLACEMENT AREA
 ACCESS CHANNEL
 TEMPORARY SPOIL AREA
 TEMPORARY REHANDLING AREA
 PL PIPELINE
 (25) COORDINATE ID# (SEE SHEET 3)

NOTES:

- COORDINATES ARE IN FEET BASED ON LOUISIANA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NORTH AMERICAN DATUM OF 1983 (NAD83).
- AERIAL PHOTOGRAPHY IS FROM THE 2015 NATIONAL AGRICULTURAL IMAGERY PROGRAM.
- ACCESS CHANNEL AND TEMPORARY REHANDLING AREAS WILL BE BACKFILLED TO WITHIN +/- 0.5' OF PRE-CONSTRUCTION BATHYMETRY PRIOR TO DEMOBILIZATION.

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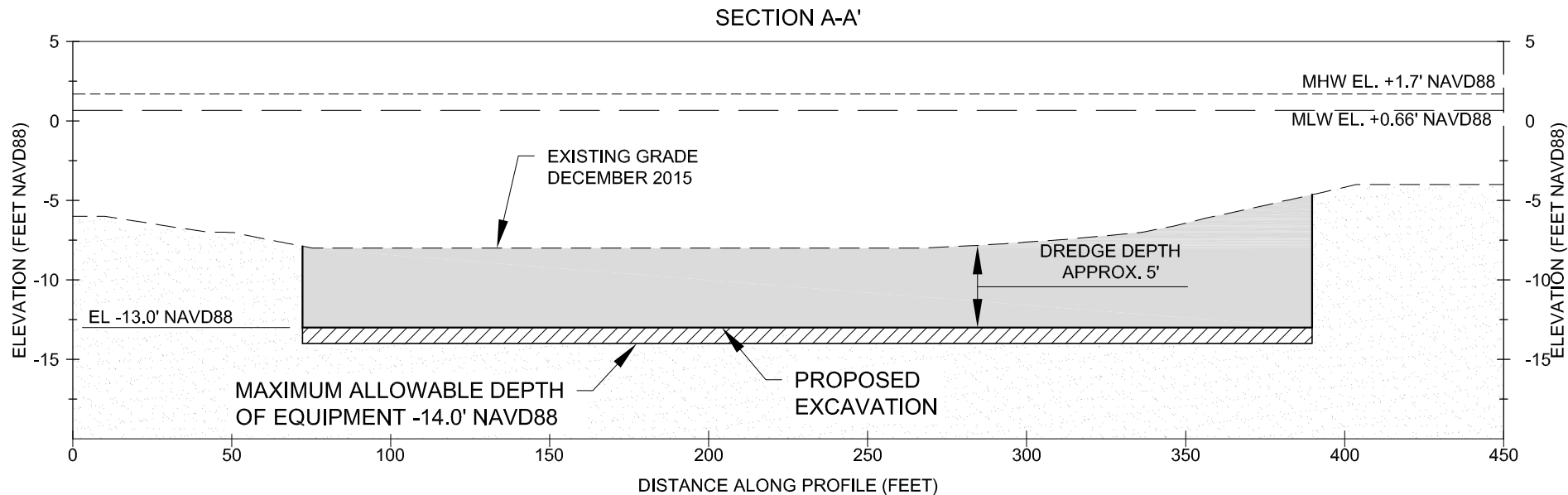
APPROVED BY: WT

STATE PROJECT NUMBER:
 FEDERAL PROJECT NUMBER:

CAILLOU BOCA
 MAINTENANCE DREDGING
 PLAN VIEW

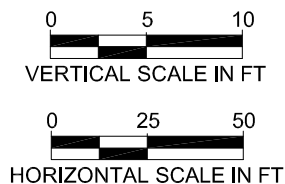
DATE: 1/20/16 Revised 4/18/17

SHEET 4 OF 10



NOTE:

1. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD88 GEOID 2012A.
2. PLACING MATERIAL TO AN ELEVATION OF +2.5' NAVD88 WILL FACILITATE MARSH CREATION.
3. THE DREDGED FILL SHALL BE DISCHARGED WITHIN THE CONTAINED AREAS IN A MANNER THAT WILL MINIMIZE OVERFLOW OF THE DREDGED MATERIAL FROM THE BOUNDS OF THE PLACEMENT AREA, AND MINIMIZE THE IMPACT TO EXISTING VEGETATION.
4. APPROXIMATELY 1' OF FILL WILL BE PLACED ABOVE WATERLINE.



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**CAILLOU BOCA
MAINTENANCE DREDGING
CROSS SECTION A-A'**

STATE PROJECT NUMBER:

DATE: 1/20/16

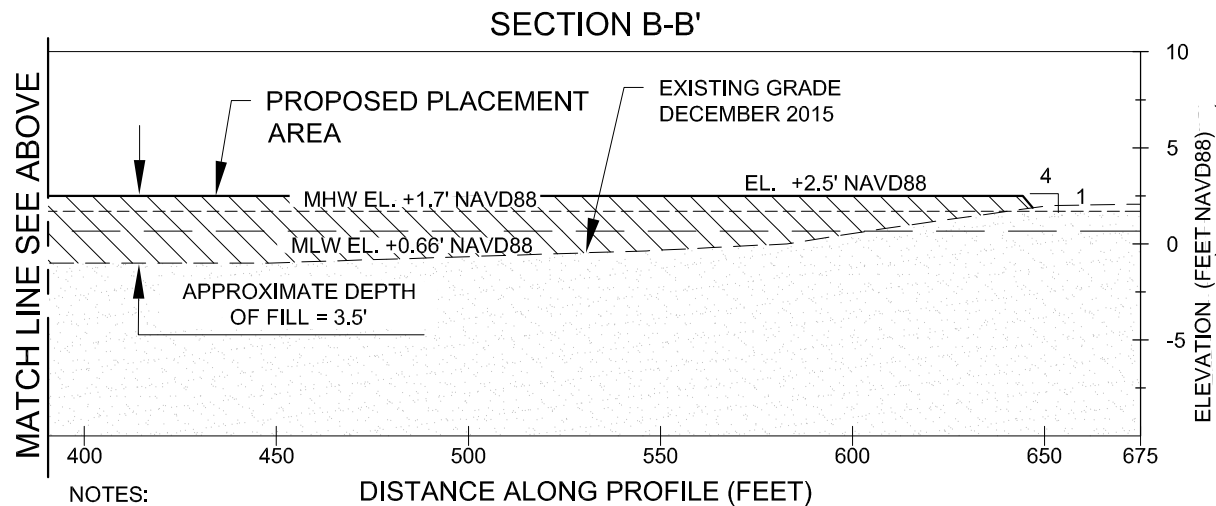
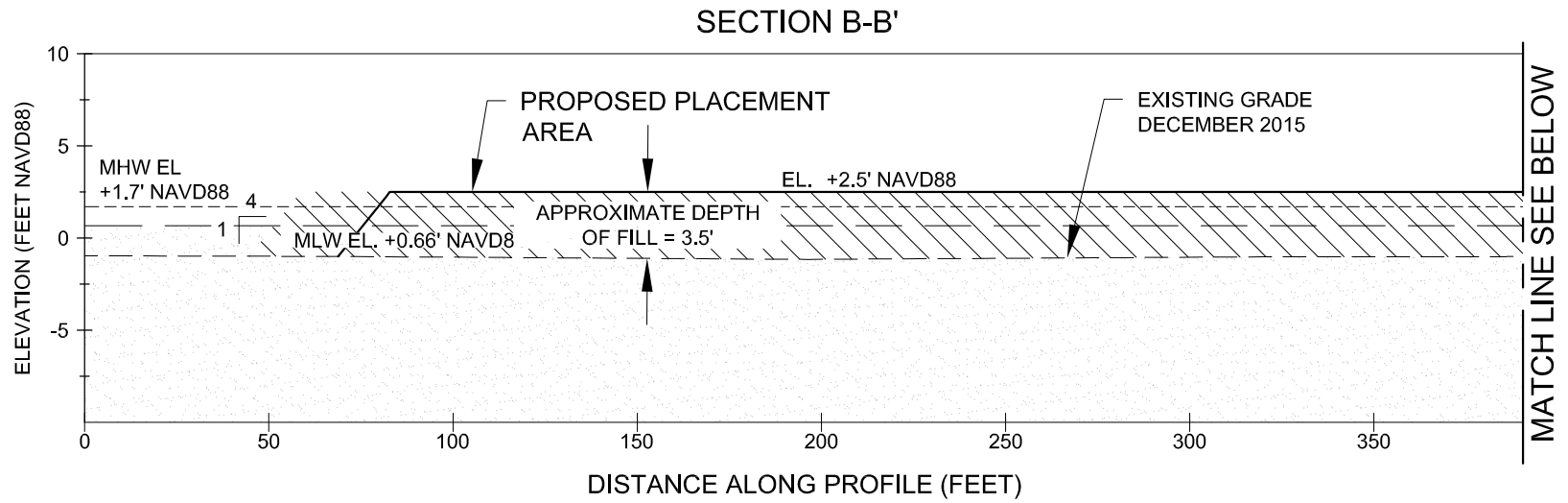
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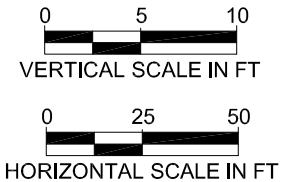
FEDERAL PROJECT NUMBER:

SHEET 5 OF 10



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CAILLOU BOCA
MAINTENANCE DREDGING
CROSS SECTION B-B'

STATE PROJECT NUMBER:

DATE: 1/20/16

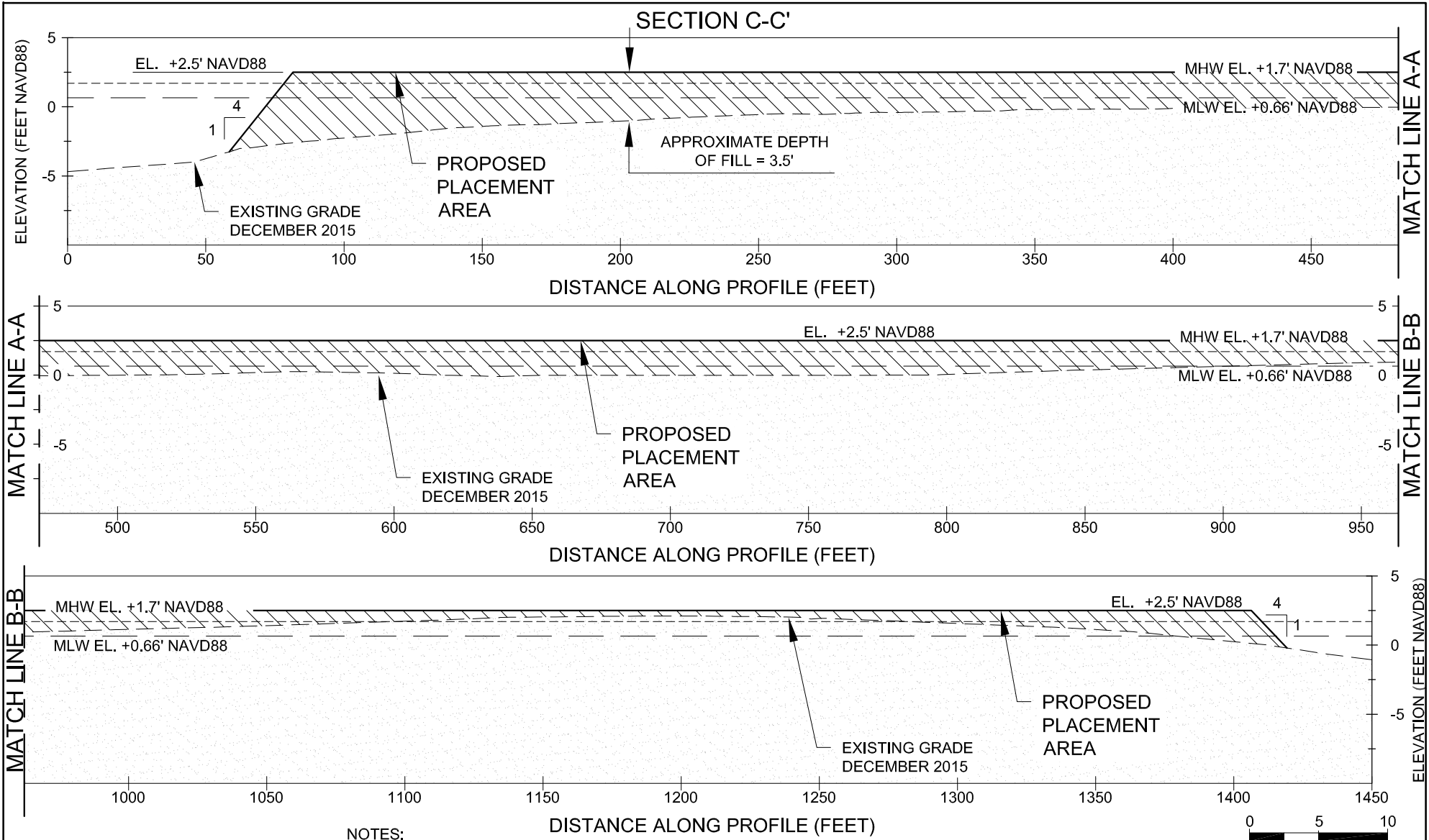
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DESIGNED BY: CP

APPROVED BY: WT

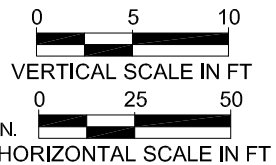
FEDERAL PROJECT NUMBER:

SHEET 6 OF 10



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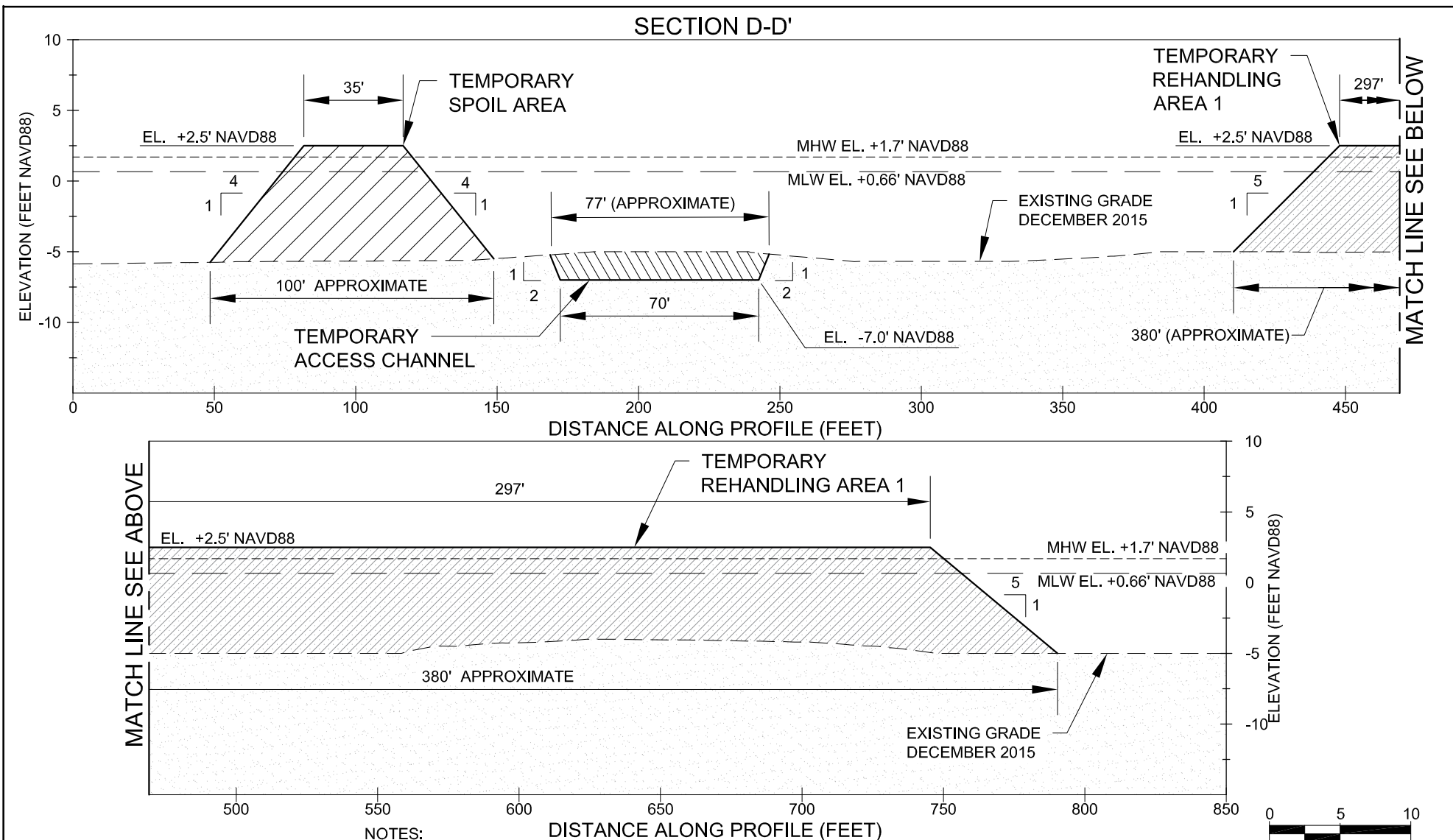
CAILLOU BOCA
 MAINTENANCE DREDGING
 CROSS SECTION C-C'

STATE PROJECT NUMBER:

DATE: 1/20/16

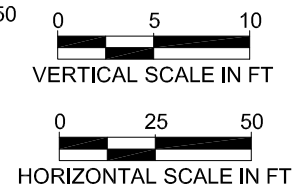
FEDERAL PROJECT NUMBER:

SHEET 7 OF 10

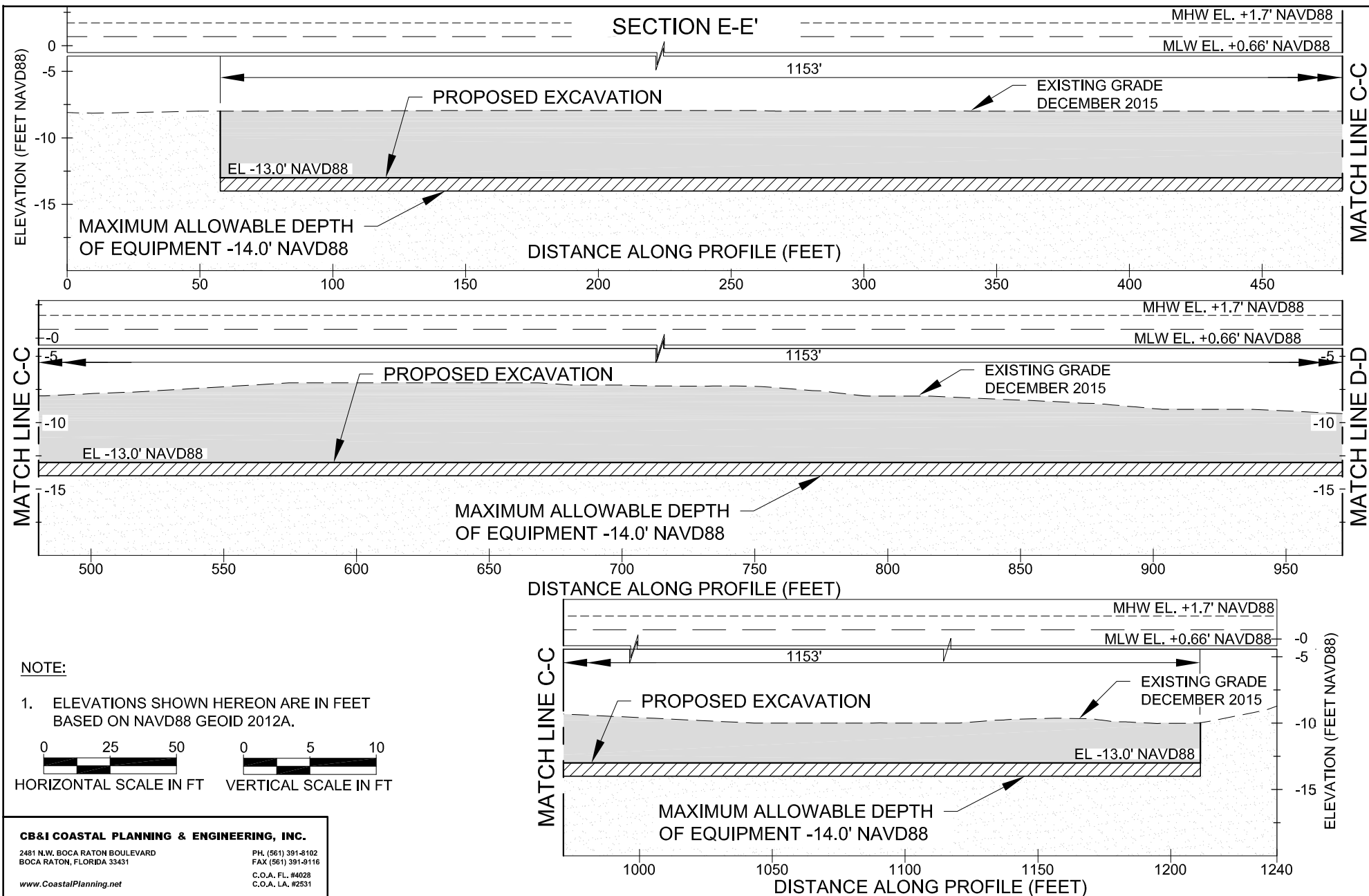


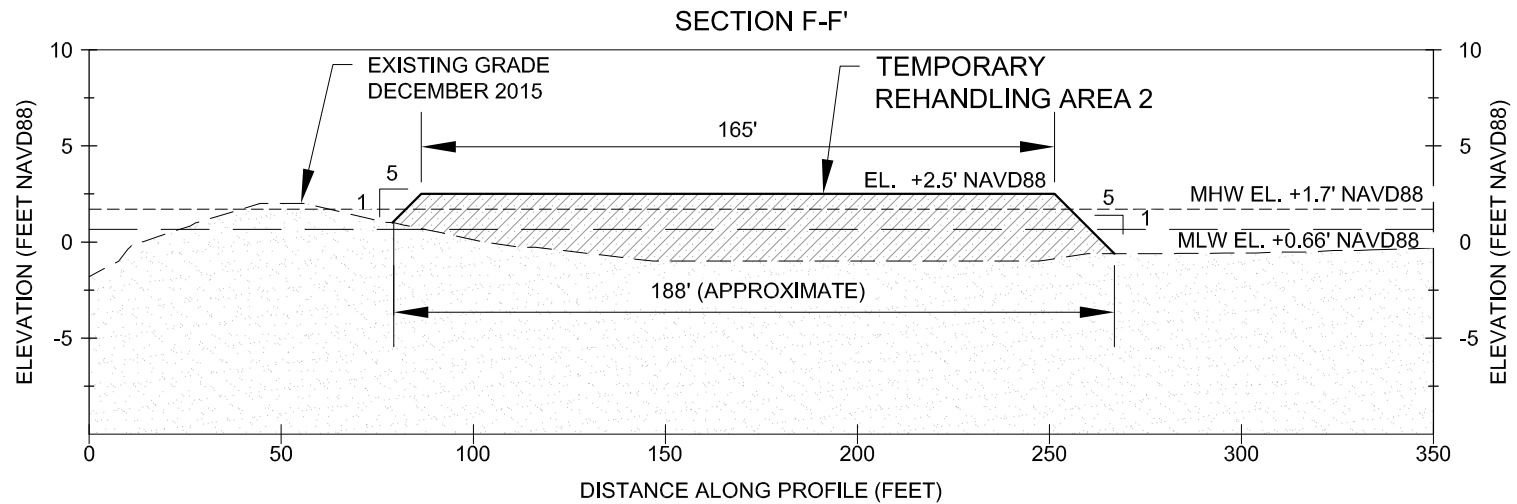
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- NOTES:**
- ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD88 GEOID 2012A.
 - THE DREDGED FILL SHALL BE DISCHARGED WITHIN THE CONTAINED AREAS IN A MANNER THAT WILL MINIMIZE OVERFLOW OF THE DREDGED MATERIAL FROM THE BOUNDS OF THE PLACEMENT AREA, AND MINIMIZE THE IMPACT TO EXISTING VEGETATION.



APPLICATION BY: TALOS ENERGY ONE ALLEN CENTER 500 DALLAS STREET, STE. 2000 HOUSTON, TX. 77002 (713) 380-4907		TALOS ENERGY ONE ALLEN CENTER 500 DALLAS STREET, STE. 2000 HOUSTON, TX. 77002 (713) 380-4907	STATE PROJECT NUMBER:	CAILLOU BOCA MAINTENANCE DREDGING CROSS SECTION D-D' DATE: 1/20/16
DRAWN BY: GK	DESIGNED BY: CP	APPROVED BY: WT	FEDERAL PROJECT NUMBER:	SHEET 8 OF 10





NOTE:

- ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD88 GEOID 2012A.

0 5 10
VERTICAL SCALE IN FT

0 25 50
HORIZONTAL SCALE IN FT

CB&I COASTAL PLANNING & ENGINEERING, INC.

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CAILLOU BOCA
MAINTENANCE DREDGING
CROSS SECTION F-F'

STATE PROJECT NUMBER:

DATE: 1/20/16

DRAWN BY: GK

DESIGNED BY: CP

APPROVED BY: WT

FEDERAL PROJECT NUMBER:

SHEET 10 OF 10