



DEPARTMENT OF THE ARMY  
U.S. ARMY CORPS OF ENGINEERS, NEW ORLEANS DISTRICT  
7400 LEAKE AVE  
NEW ORLEANS, LA 70118-3651

**May 9, 2022**

Zachary Steinkoenig  
(504) 862-1288  
Zachary.j.steinkoenig@usace.army.mil  
Application #: MVN-2019-00373-CF

### **PUBLIC NOTICE**

Interested parties are hereby notified that a permit application has been received by the New Orleans District of the US 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), [X] Section 404 of the Clean Water Act (86 Stat. 816; 33 USC 1344).

### **PROPOSED NAVIGATIONAL CHANNEL DREDGING AT THE MOUTH OF THE AMITE AND BLIND RIVERS IN LAKE MAUREPAS in ST. JOHN THE BAPTIST AND LIVINGSTON PARISHES**

**NAME OF APPLICANT:** LIVINGSTON PARISH GOVERNMENT., c/o Elos Environmental, LLC, 607 West Morris Avenue, Hammond, LA 70403.

**LOCATION OF WORK:** In Lake Maurepas, dredging and disposal latitude and longitudes shown in in the drawings, Latitude 30.296389, Longitude -90.561228, Louisiana, in St. John the Baptist and Livingston Parishes, within the Lake Pontchartrain Basin in hydrologic unit (HUC 08070204), as shown on the attached drawings.

**CHARACTER OF WORK:** The applicant has requested a Department of the Army authorization to dredge navigation channels via cutterhead suction dredging at the mouths of the Blind River and Amite River in Lake Maurepas. The dredged material will be transferred to the disposal locations via floating disposal pipe and disposal will be unconfined. Approximately 50,460 cubic yards will be dredged at the mouth of the Amite River and 101,000 cubic yards will be dredged at the mouth of the Blind River. The dredged material will be disposed into waterbottoms of Lake Maurepas and minimal fill locations at the edge of the cypress swamp. The material will be disposed into waterbottoms and extend into the swamp from wind and wave action. No dredged material disposal equipment will be located shoreward of the cypress trees.

The applicant claims that the proposal will have no impacts to wetlands and that the deposited spoil material on the waterbottom will not increase the elevation of the ground surface of the wetlands onshore.

The comment period for the Department of Army Permit will close in **15 days** from the date of this public notice. This public notice is also available for review online at <https://go.usa.gov/xennJ>. 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 must be mailed so as to be received before or by the last day of the comment period. Letters and/or comments concerning the subject permit application must reference the applicant's name and the Permit Application Number and preferably emailed to the Corps of Engineers project manager listed above or forwarded to the Corps of Engineers at the address above, **ATTENTION: REGULATORY DIVISION, RGC, Zachary Steinkoenig**. 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 Branch 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.

### **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 regarding potential impacts to cultural resources.

Our initial finding is that the proposed work is to have No Effect any species as endangered by the U.S. Departments of Interior or Commerce, affect any habitat designated as critical to the survival and recovery of any endangered species. Utilizing the Information Planning and Consultation (IPaC) procedure for Endangered Species in Louisiana, as signed on January 27, 2020, between the U.S. Army Corps of Engineers, New Orleans and the U.S. Fish and Wildlife Service, the Corps has determined that the proposed activity would have no effect to any listed species.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The applicant's proposal may result in the destruction, alteration and/or disturbance of **N/A** 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 water quality standards will be required from the Louisiana Department of Environmental Quality, Office of Environmental Services before a Department of the Army permit can be 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 (Louisiana Coastal Zone Application P #20210405). 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 Louisiana Department of Natural Resources, Office of Coastal management.

JOHN M. HERMAN  
Chief, Central Evaluation Branch  
Regulatory Division



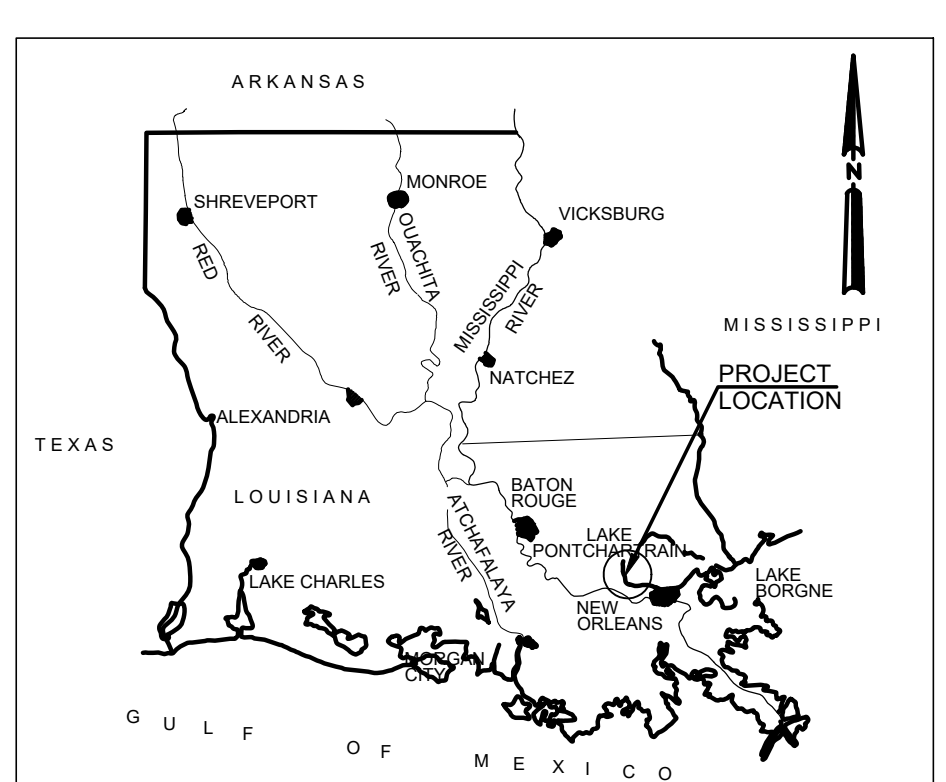
# LIVINGSTON PARISH, LOUISIANA

# AMITE RIVER DREDGING

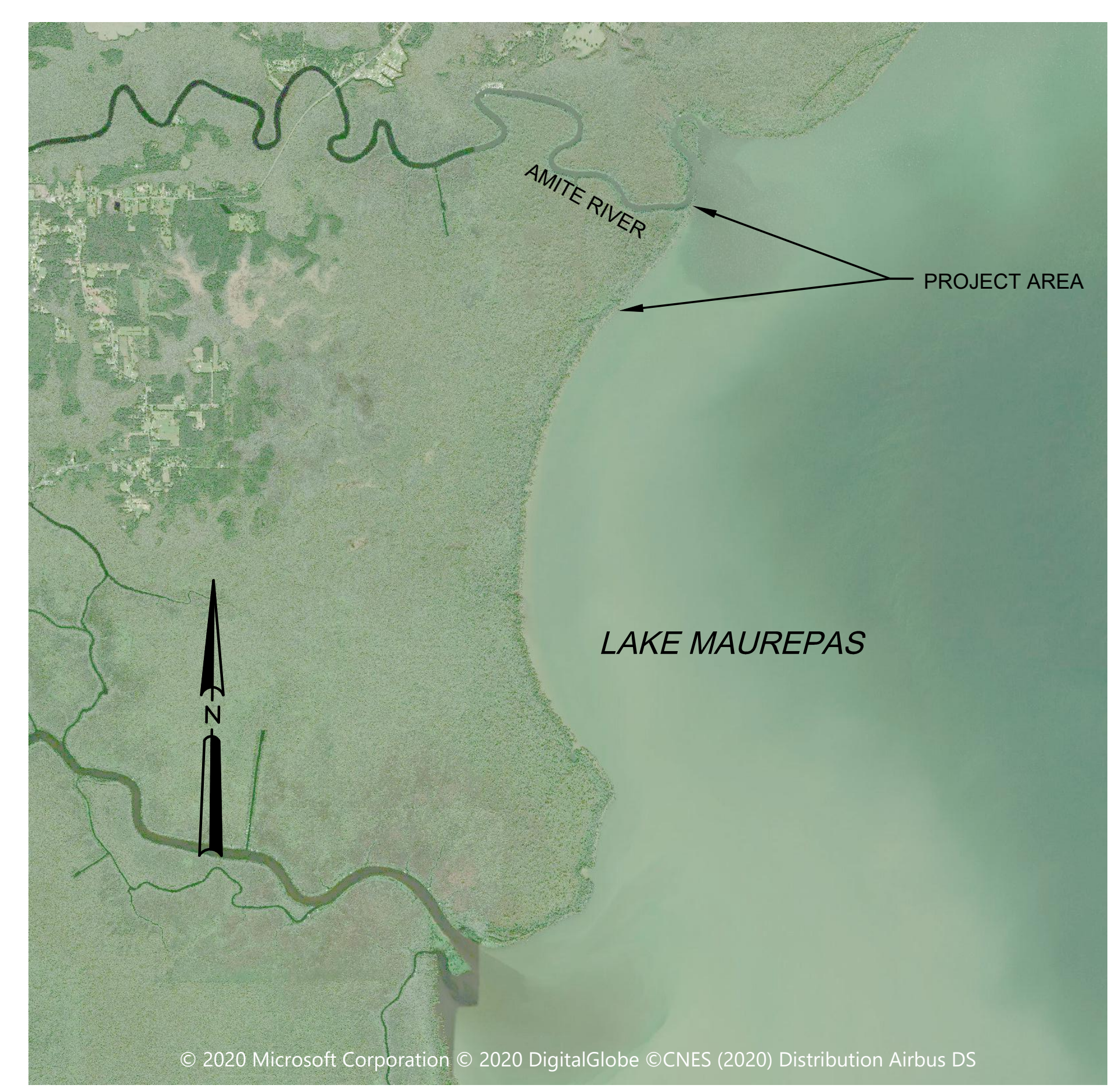
PARISH PROJECT NO. 9232, CFDA #15.435  
APRIL 2022

### INDEX OF SHEETS

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- 6 DREDGE PROFILE



**VICINITY MAP**  
NOT TO SCALE



**LOCATION MAP**  
0 5000' 10000'  
SCALE: 1"=5000'

### LIVINGSTON PARISH GOVERNMENT

#### PARISH PRESIDENT

LAYTON RICKS

#### PARISH COUNCIL

- |                        |            |
|------------------------|------------|
| JEFF ARD               | DISTRICT 1 |
| GARRY "FROG" TALBERT   | DISTRICT 2 |
| MAURICE "SCOOTER" KEEN | DISTRICT 3 |
| JOHN WASCOM            | DISTRICT 4 |
| R.C. "BUBBA" HARRIS    | DISTRICT 5 |
| GERALD MCMORRIS        | DISTRICT 6 |
| TRACY J. GIRLINGHOUSE  | DISTRICT 7 |
| RANDY DELATTER         | DISTRICT 8 |
| SHANE MACK             | DISTRICT 9 |

PLANS PREPARED AND RECOMMENDED  
FOR APPROVAL:

\_\_\_\_\_  
BRENT DUET, P.E.  
DESIGN ENGINEER  
COASTAL ENGINEERING SOLUTION, LLC

\_\_\_\_\_  
DATE



UNDERSIGNING PROFESSIONAL HAS PERFORMED AND PROVIDED THE  
HYDROGRAPHIC SURVEY DATA UPON WHICH THIS DESIGN IS BASED

\_\_\_\_\_  
GERALD W. MIDDLETON, P.L.S.  
PROFESSIONAL LAND SURVEYOR  
FORTE & TABLADA, LLC

\_\_\_\_\_  
DATE



DESIGNED	CHECKED	DATE
DETAILED	CHECKED	DATE



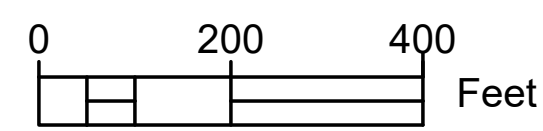
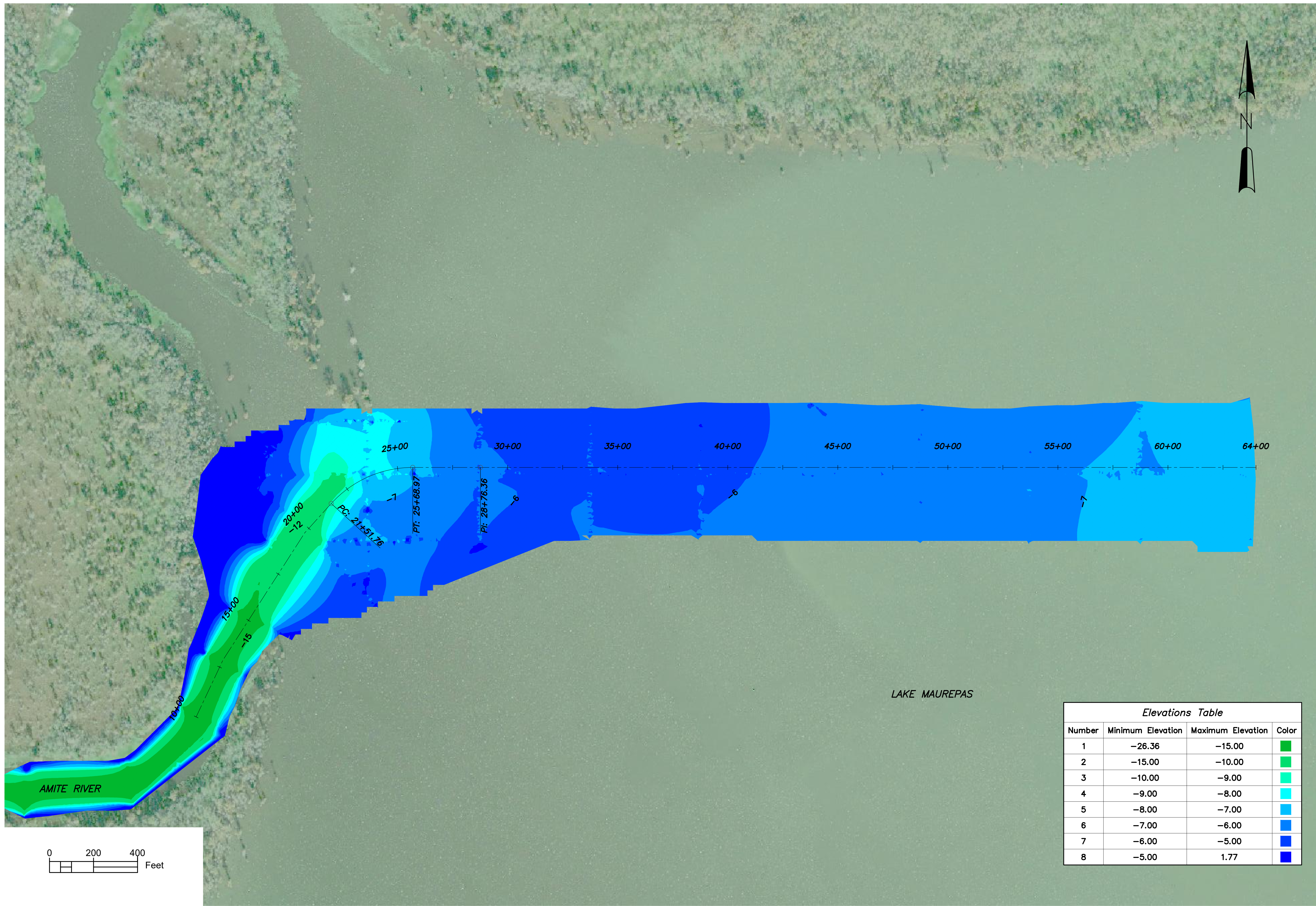
ATTENTION:  
THIS BAR = 1" INCH  
ADJUST SCALE IF THIS  
BAR ≠ 1" INCH.

NO.	DATE	REVISION DESCRIPTION	BY

C:\USERS\ANDRE\DROPBOX\LP\_AMITE\_RIVER\_DREDGING\TECH\_PROD\ENGINEERING AND DESIGN\CAD\AT WORKING\1\_COVER (2) (BRENT DUET'S CONFLICTED COPY 2020-01-17)



C:\USERS\ANDRE\DROPBOX\LP AMITE BLIND RIVER DREDGING\TECH PROD\ENGINEERING AND DESIGN\CAD\AT WORKING\PRE\_QC\_AMITE\_RIVER\_DREDGING\_SURVEY\_GPS



LAKE MAUREPAS

Elevations Table			
Number	Minimum Elevation	Maximum Elevation	Color
1	-26.36	-15.00	Green
2	-15.00	-10.00	Light Green
3	-10.00	-9.00	Yellow-Green
4	-9.00	-8.00	Yellow
5	-8.00	-7.00	Light Blue
6	-7.00	-6.00	Blue
7	-6.00	-5.00	Dark Blue
8	-5.00	1.77	Very Dark Blue

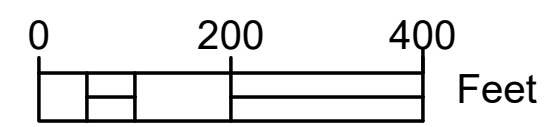
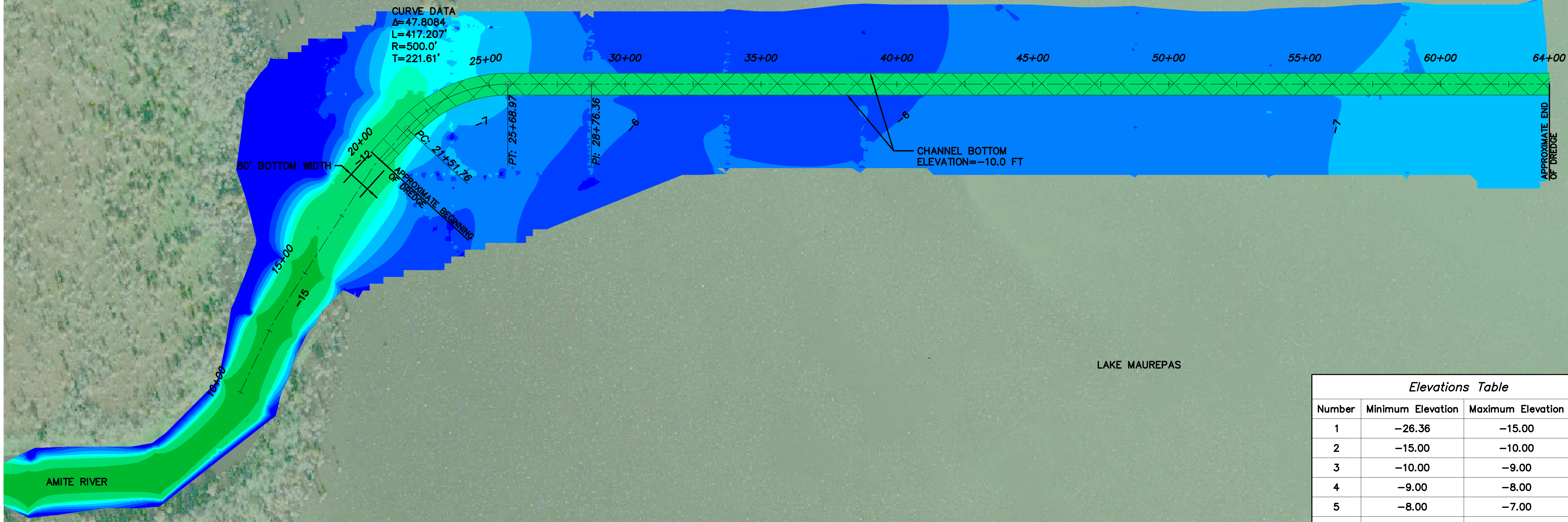
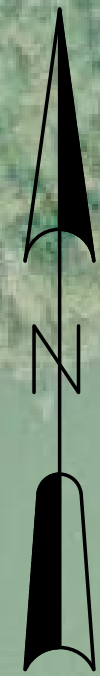
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EXISTING CONDITIONS PLAN VIEW			
DESIGNED	AT	DETAILED	DATE
CHECKED	BD	CHECKED	07/31/20
SCALE		SCALE	
<small>ATTENTION: THIS IS A PRELIMINARY DRAWING. ON ORIGINAL DRAWING, ADJUST SCALE IF THIS BAR ≠ 1" = 100'.</small>			
NO.	DATE	BY	REVISION DESCRIPTION



C:\USERS\ANDRE\DROPOX\LP AMITE BLIND RIVER DREDGING\TECH PROD\ENGINEERING AND DESIGN\CAD\AT WORKING\PRE\_QC\_AMITE RIVER DREDGING SURVEY.GPS

- NOTES:**
1. PROPOSED CHANNEL DEPTH IS -10.0 FT EL. THE -10.0 FT ELEVATION INCLUDES -7.0 EL CHANNEL DEPTH WITH 1.0' ALLOWABLE OVER DREDGE AND AN ADDITIONAL 2' ADVANCED MAINTENANCE DREDGE.
  2. TRANSITION BOTTOM EDGES OF CHANNEL AT 4H TO 1V TO MEET EXISTING GRADE
  3. SURVEY DATA IS REPRESENTATIVE OF CONDITIONS EXISTING IN JANUARY 2020, FEBRUARY 2020 AND MAY 2020
  4. VERTICAL DATUM USED IS NAVD88
  5. ESTIMATED PROPOSED CUT VOLUME IS 50,460 CY
  6. LENGTH OF DREDGE ALIGNMENT FOR AMITE RIVER IS 4,400 FEET.

C/L STATION COORDINATES		
C/L STATION	X COORDINATE	Y COORDINATE
BEGINNING OF DREDGE 20+00	3524674.6678	654448.9444
P.C. 21+51.76	3524776.5936	654561.3862
P.T. 25+68.97	3525147.0453	654725.5803
P.I. 28+76.36	3525454.4396	654725.5803
END OF DREDGE 64+00	3528978.0750	654715.5803





Number	Minimum Elevation	Maximum Elevation	Color
1	-26.36	-15.00	Green
2	-15.00	-10.00	Light Green
3	-10.00	-9.00	Yellow-Green
4	-9.00	-8.00	Yellow
5	-8.00	-7.00	Light Blue
6	-7.00	-6.00	Blue
7	-6.00	-5.00	Dark Blue
8	-5.00	1.77	Very Dark Blue

SHEET NUMBER 2

AMITE RIVER DREDGE PLAN

DESIGNED	AT	BD	DETAILED	CHECKED	DATE	SCALE
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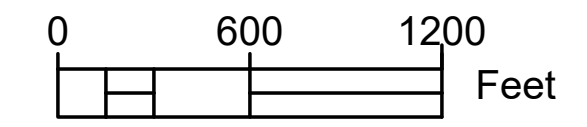
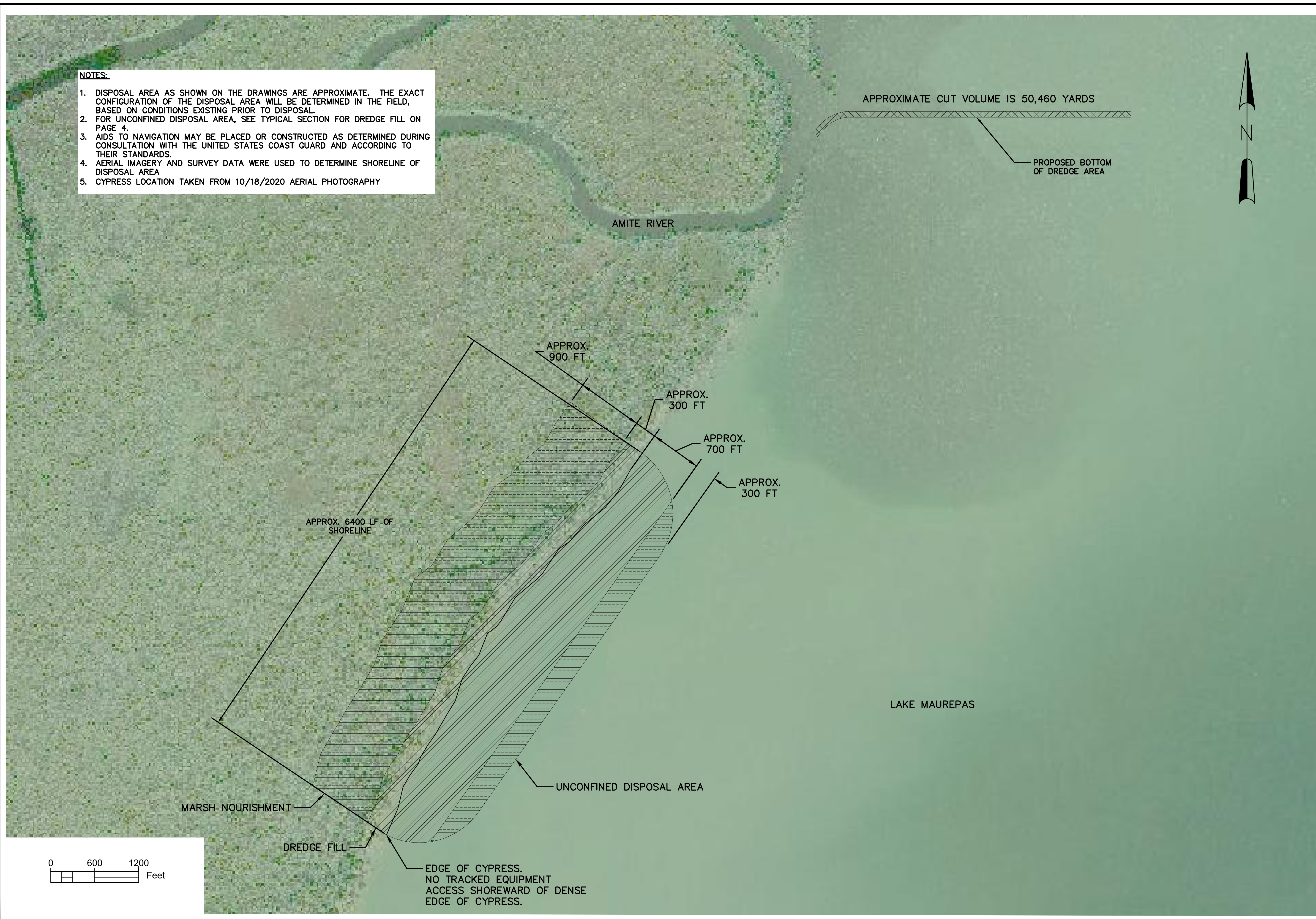
ATTENTION: THIS IS AN ORIGINAL DRAWING. ON ORIGINAL DRAWING, ADJUST SCALE IF THIS BAR ≠ 1" = 100'

NO.	DATE	BY	REVISION DESCRIPTION



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- NOTES:**
1. DISPOSAL AREA AS SHOWN ON THE DRAWINGS ARE APPROXIMATE. THE EXACT CONFIGURATION OF THE DISPOSAL AREA WILL BE DETERMINED IN THE FIELD, BASED ON CONDITIONS EXISTING PRIOR TO DISPOSAL.
  2. FOR UNCONFINED DISPOSAL AREA, SEE TYPICAL SECTION FOR DREDGE FILL ON PAGE 4.
  3. AIDS TO NAVIGATION MAY BE PLACED OR CONSTRUCTED AS DETERMINED DURING CONSULTATION WITH THE UNITED STATES COAST GUARD AND ACCORDING TO THEIR STANDARDS.
  4. AERIAL IMAGERY AND SURVEY DATA WERE USED TO DETERMINE SHORELINE OF DISPOSAL AREA
  5. CYPRESS LOCATION TAKEN FROM 10/18/2020 AERIAL PHOTOGRAPHY



SHEET NUMBER 3

AMITE PLAN-OVERALL



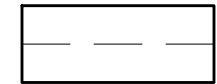
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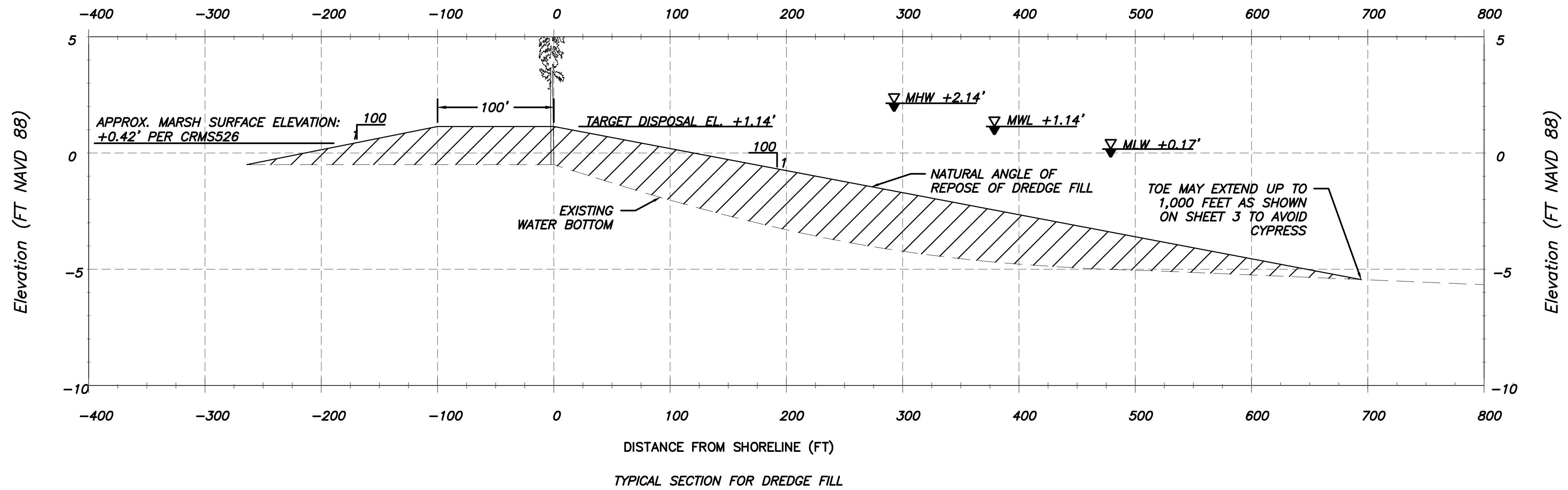
ATTENTION:  
THIS DRAWING IS FOR INFORMATION ONLY.  
ON ORIGINAL DRAWING, ADJUST SCALE IF THIS BAR IS 1 INCH.

NO.	DATE	BY	GENERAL NOTES	REVISION DESCRIPTION

LEGEND

-  DREDGE FILL
-  DESIGN
-  2020 SURVEY

LEGEND  
 H: 1"=60'  
 V: 1"=3'



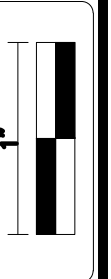
NOTES:

1. AVERAGE DEPTH DENSE EDGE OF CYPRESS IS APPROXIMATELY -0.5 FEET BASED ON 10/18/2020 AERIAL PHOTOGRAPHY. NO TRACKED EQUIPMENT ACCESS SHOREWARD OF DENSE EDGE OF CYPRESS.
2. TARGET FILL ELEVATION IS +1.14 FEET AND TO NOT EXCEED +2.14 FEET.
3. THE DISCHARGE PIPE WILL BE PLACED AT THE EDGE OF THE TREE LINE WITH DISCHARGE DIRECTED TOWARDS THE SWAMP TO MAXIMIZE MARSH CREATION AND NOURISHMENT.

DESIGNED	AT	BD	DETAILED	CHECKED	DATE	SCALE
CHECKED			CHECKED		07/31/20	



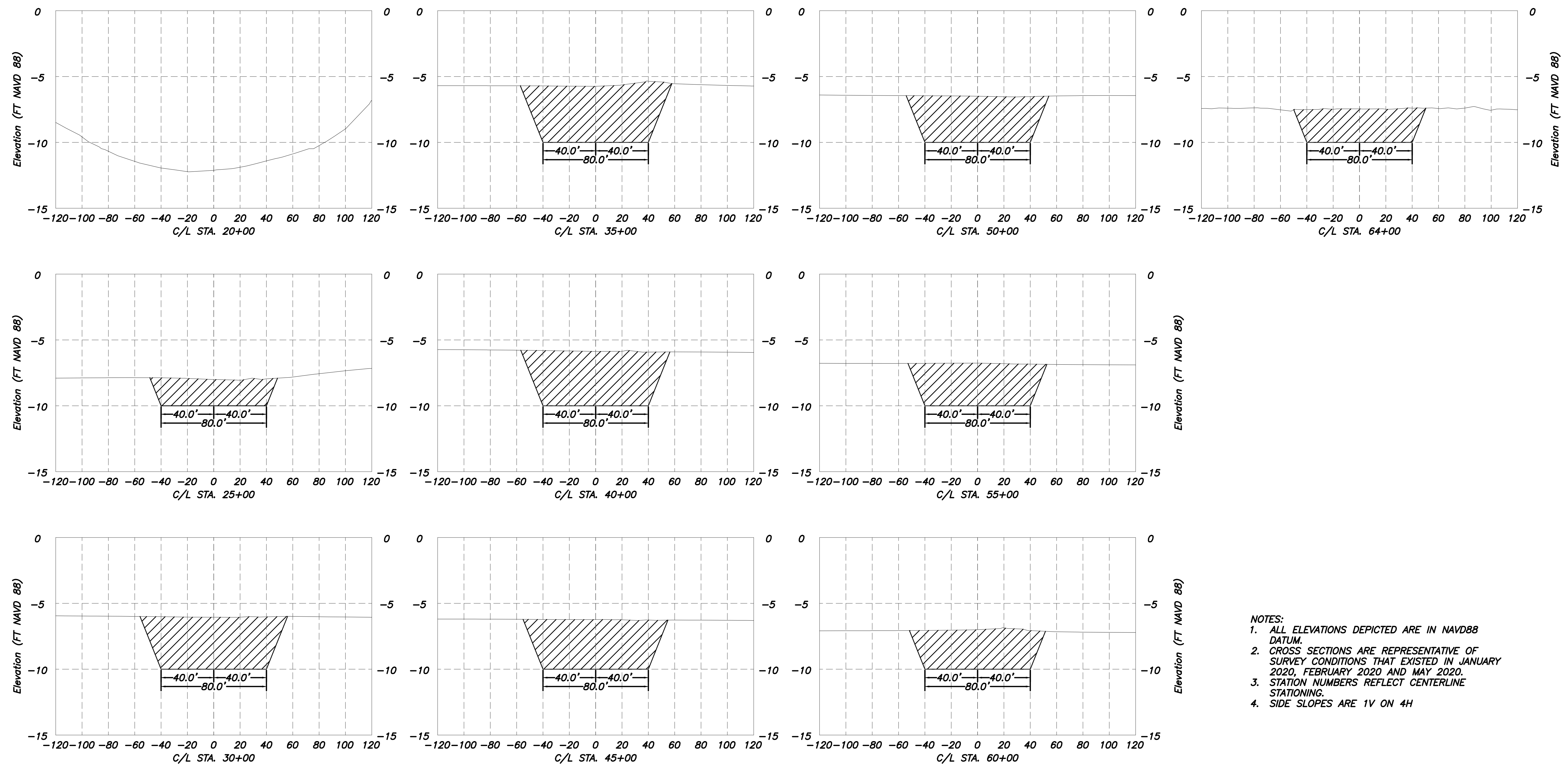
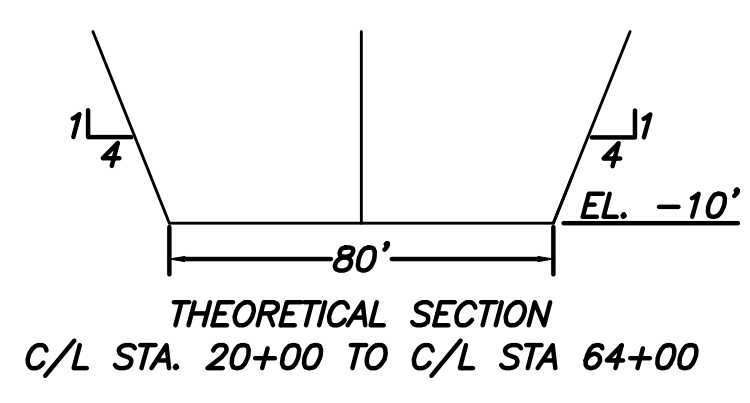
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NO.	DATE	REVISION DESCRIPTION	BY



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LEGEND  
H: 1"=40'  
V: 1"=4'

- NOTES:
1. ALL ELEVATIONS DEPICTED ARE IN NAVD88 DATUM.
  2. CROSS SECTIONS ARE REPRESENTATIVE OF SURVEY CONDITIONS THAT EXISTED IN JANUARY 2020, FEBRUARY 2020 AND MAY 2020.
  3. STATION NUMBERS REFLECT CENTERLINE STATIONING.
  4. SIDE SLOPES ARE 1V ON 4H

DESIGNED	AT	DATE	SCALE
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DETAILED	CHECKED		
DETAILED	CHECKED		



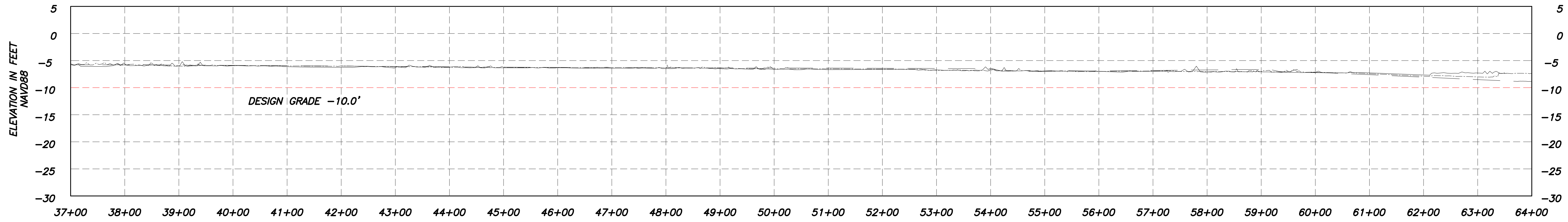
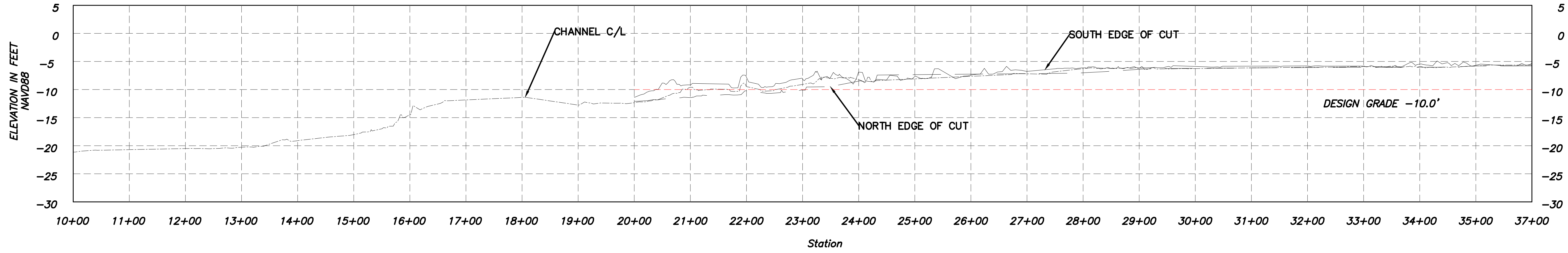
ATTENTION: THIS IS AN ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR IS 1 INCH.

NO.	DATE	REVISION DESCRIPTION	BY



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LEGEND  
H: 1"=100'  
V: 1"=10'



SHEET NUMBER 6

DREDGE PROFILE

DESIGNED	AT	BD	DETAILED	CHECKED	DATE	SCALE
CHECKED			CHECKED		07/31/20	



ATTENTION:  
THIS IS A PRELIMINARY  
DRAWING.  
DO NOT SCALE THIS  
DRAWING.  
SCALE: 1" = 100'

NO.	DATE	REVISION DESCRIPTION	BY



**Proposed Impacts**  
 Site Outline ~339.00 Acres  
 Other Water Impacts ~206.45 Acres  
 Total Volume ~50,460 CY

1) Barge mounted Cutter Head Suction Dredge will be used.  
 2) Disposal will be unconfined.  
 3) Max Draft of Vessels = ~6'

Amite River Dredge Area ~9.85 Acres  
 Proposed Channel Depth -10'  
 Top Width~90-100' Bottom Width ~80'



Amite River

Floating Disposal Pipe

Marsh Nourishment Area

Disposal Area

Lake Maurepas

Edge of Cypress  
 Minimal Fill, No Equipment

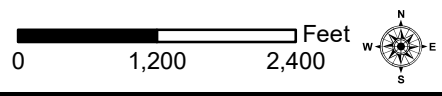
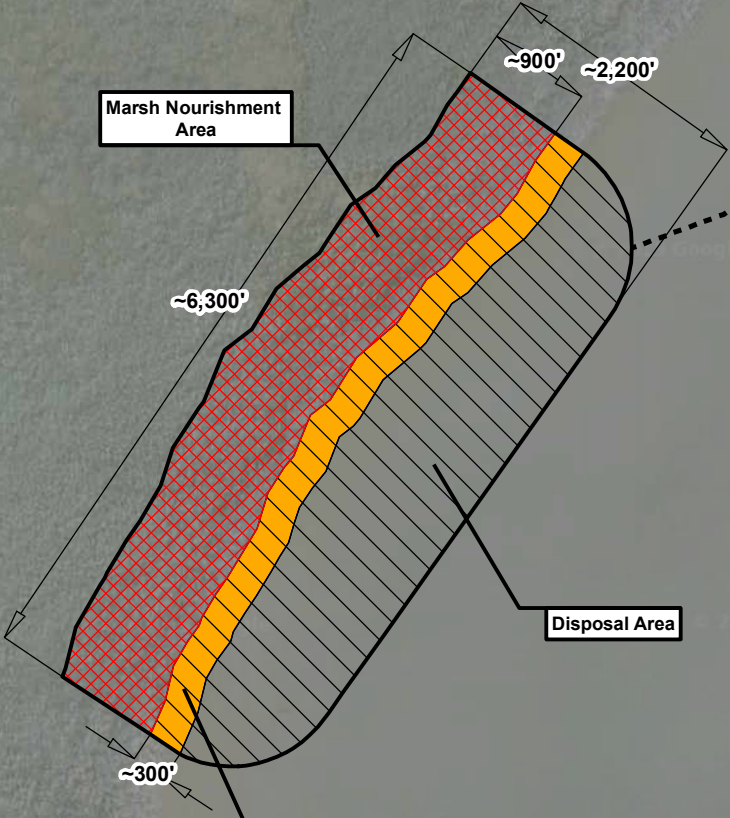


Figure 2: Amite River Plan View

**Amite and Blind Rivers  
 Maintenance Dredging**

**Legend:**

Site Outline ~339.00 Acres	Minimal Fill Area ~44.01 Acres
Dredge Area ~12.13 Acres	Marsh Nourishment Area ~132.55 Acres
Disposal Area ~150.31 Acres	Disposal Pipe

This figure was prepared utilizing public and proprietary data. It should not be used to establish any legal boundaries or specific locations. ELOS Environmental, L.L.C., is not responsible for any usage of this figure contrary to its original, intended purpose.



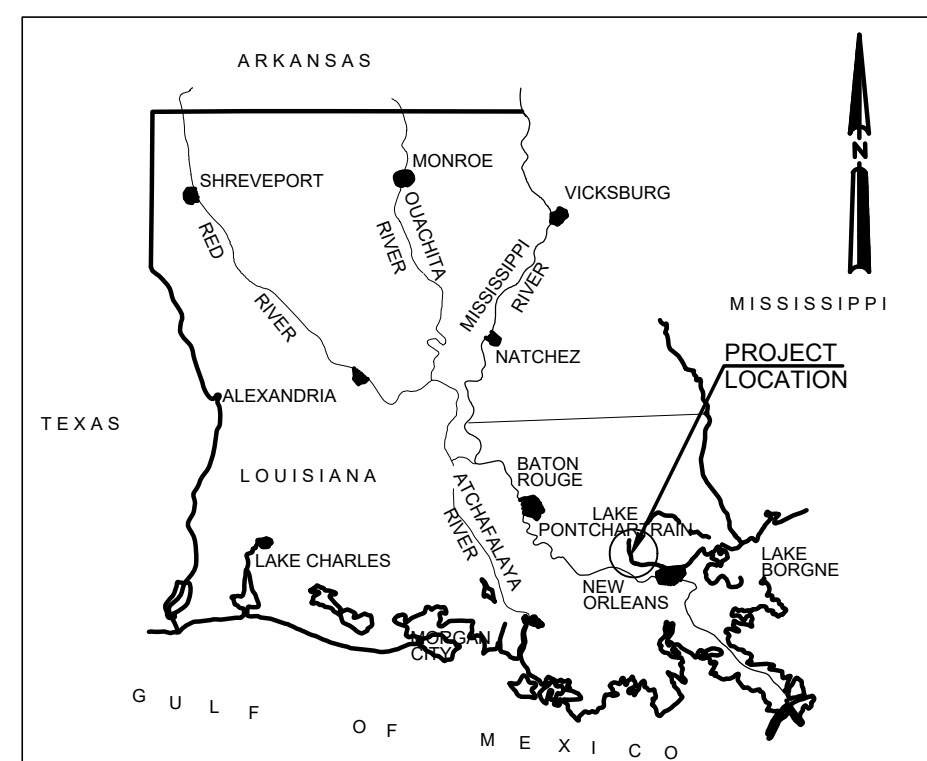
# LIVINGSTON PARISH, LOUISIANA

# BLIND RIVER DREDGING

PARISH PROJECT NO. 9232, CFDA #15.435  
APRIL 2022

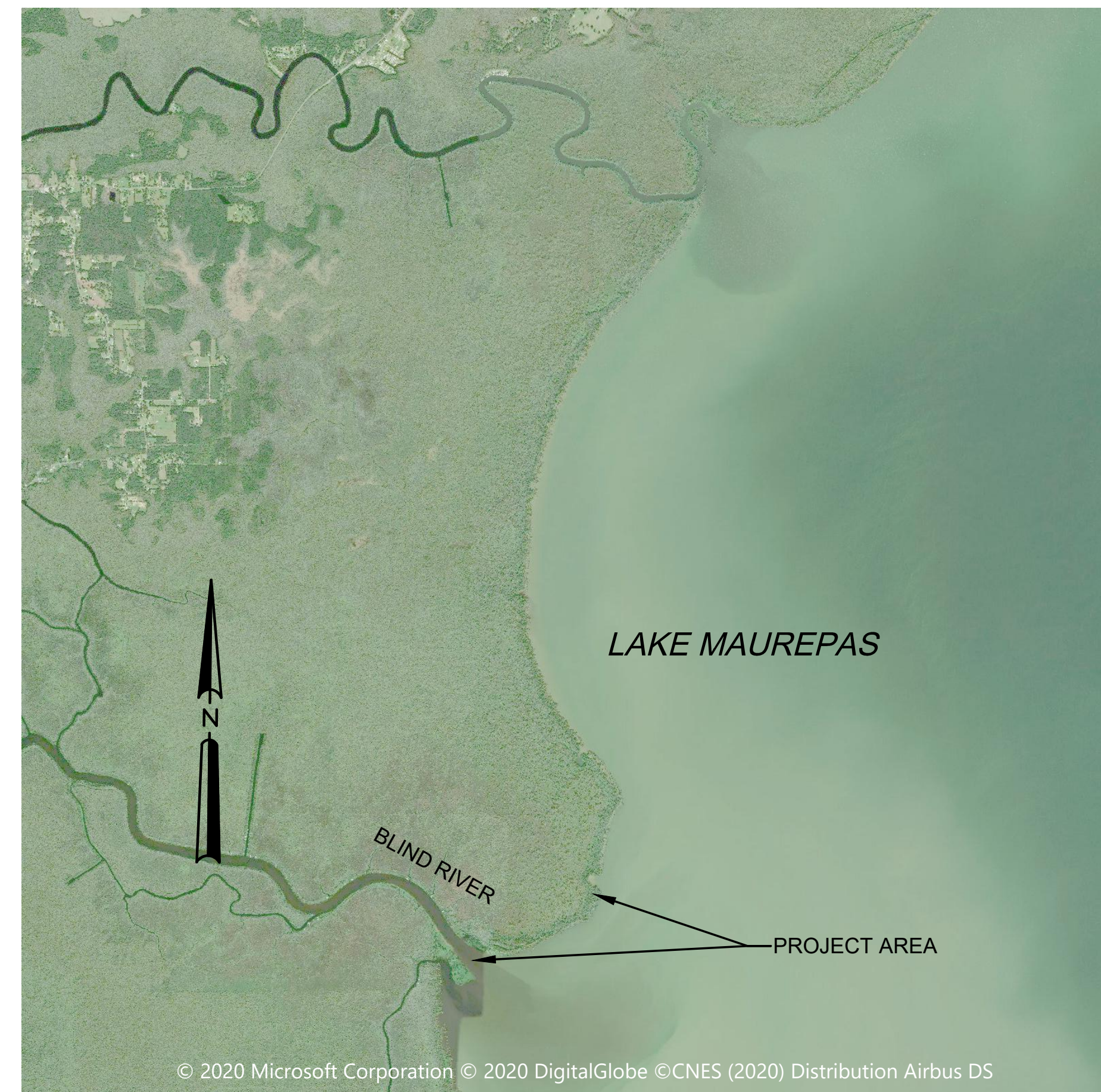
### INDEX OF SHEETS

SHEET	DESCRIPTION
C-1	COVER SHEET
1	EXISTING CONDITIONS PLAN VIEW
2	PROPOSED DREDGING PLAN VIEW
3	BLIND PLAN OVERALL
4	TYPICAL SECTION FOR DREDGE FILL
5	TYPICAL SECTIONS DREDGE-BLIND RIVER
6	TYPICAL SECTIONS DREDGE-DUTCH BAYOU
7	DREDGE PROFILE-BLIND RIVER
8	DREDGE PROFILE-DUTCH BAYOU



**VICINITY MAP**

NOT TO SCALE



**LOCATION MAP**

0 5000' 10000'  
SCALE: 1"=5000'

### LIVINGSTON PARISH GOVERNMENT

#### PARISH PRESIDENT

LAYTON RICKS

#### PARISH COUNCIL

JEFF ARD	DISTRICT 1
GARRY "FROG" TALBERT	DISTRICT 2
MAURICE "SCOOTER" KEEN	DISTRICT 3
JOHN WASCOM	DISTRICT 4
R.C. "BUBBA" HARRIS	DISTRICT 5
GERALD MCMORRIS	DISTRICT 6
TRACY J. GIRLINGHOUSE	DISTRICT 7
RANDY DELATTER	DISTRICT 8
SHANE MACK	DISTRICT 9

PLANS PREPARED AND RECOMMENDED  
FOR APPROVAL:

\_\_\_\_\_  
BRENT DUET, P.E.  
DESIGN ENGINEER  
COASTAL ENGINEERING SOLUTION, LLC

DATE



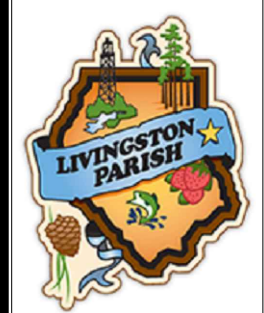
UNDERSIGNING PROFESSIONAL HAS PERFORMED AND PROVIDED THE  
HYDROGRAPHIC SURVEY DATA UPON WHICH THIS DESIGN IS BASED

\_\_\_\_\_  
GERALD W. MIDDLETON, P.L.S.  
PROFESSIONAL LAND SURVEYOR  
FORTE & TABLADA, LLC

DATE



DESIGNED	CHECKED	DETAILED	CHECKED	DATE	SCALE

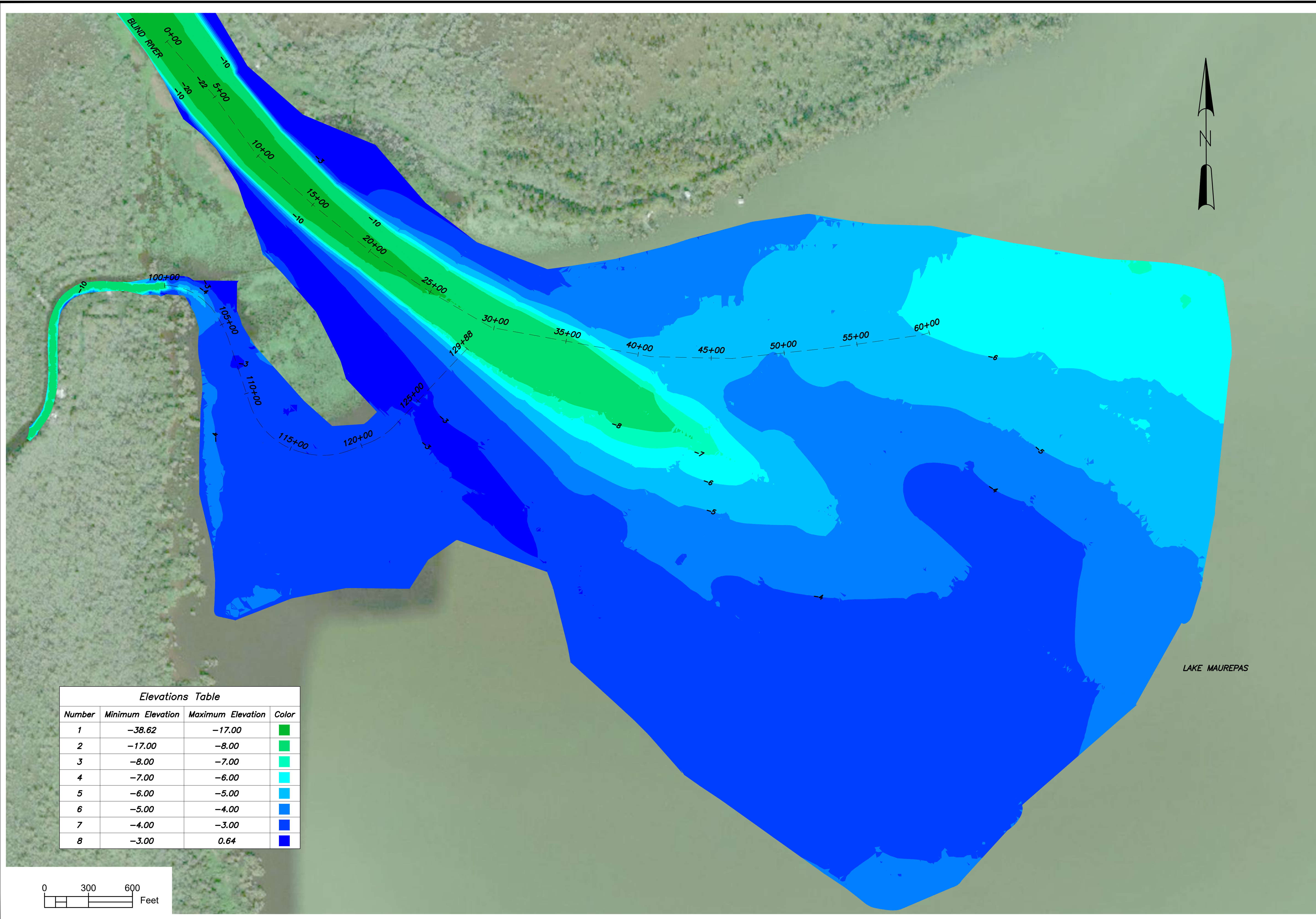


ATTENTION:  
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ADJUST SCALE IF THIS  
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NO.	DATE	REVISION DESCRIPTION	BY

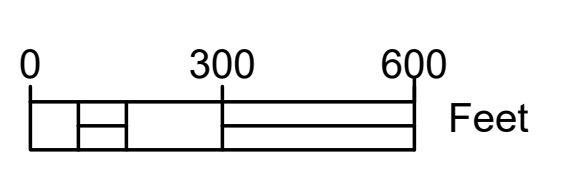




C:\USERS\ANDRE\DROPBOX\LP AMITE BLIND RIVER DREDGING\TECH\_PROD\ENGINEERING AND DESIGN\CAD\AT WORKING\PRE\_QC\BLIND RIVER DREDGING SURVEY GPS\_HYDRO\_073120



**Elevations Table**

Number	Minimum Elevation	Maximum Elevation	Color
1	-38.62	-17.00	Green
2	-17.00	-8.00	Light Green
3	-8.00	-7.00	Yellow-Green
4	-7.00	-6.00	Yellow
5	-6.00	-5.00	Light Blue
6	-5.00	-4.00	Blue
7	-4.00	-3.00	Dark Blue
8	-3.00	0.64	Very Dark Blue

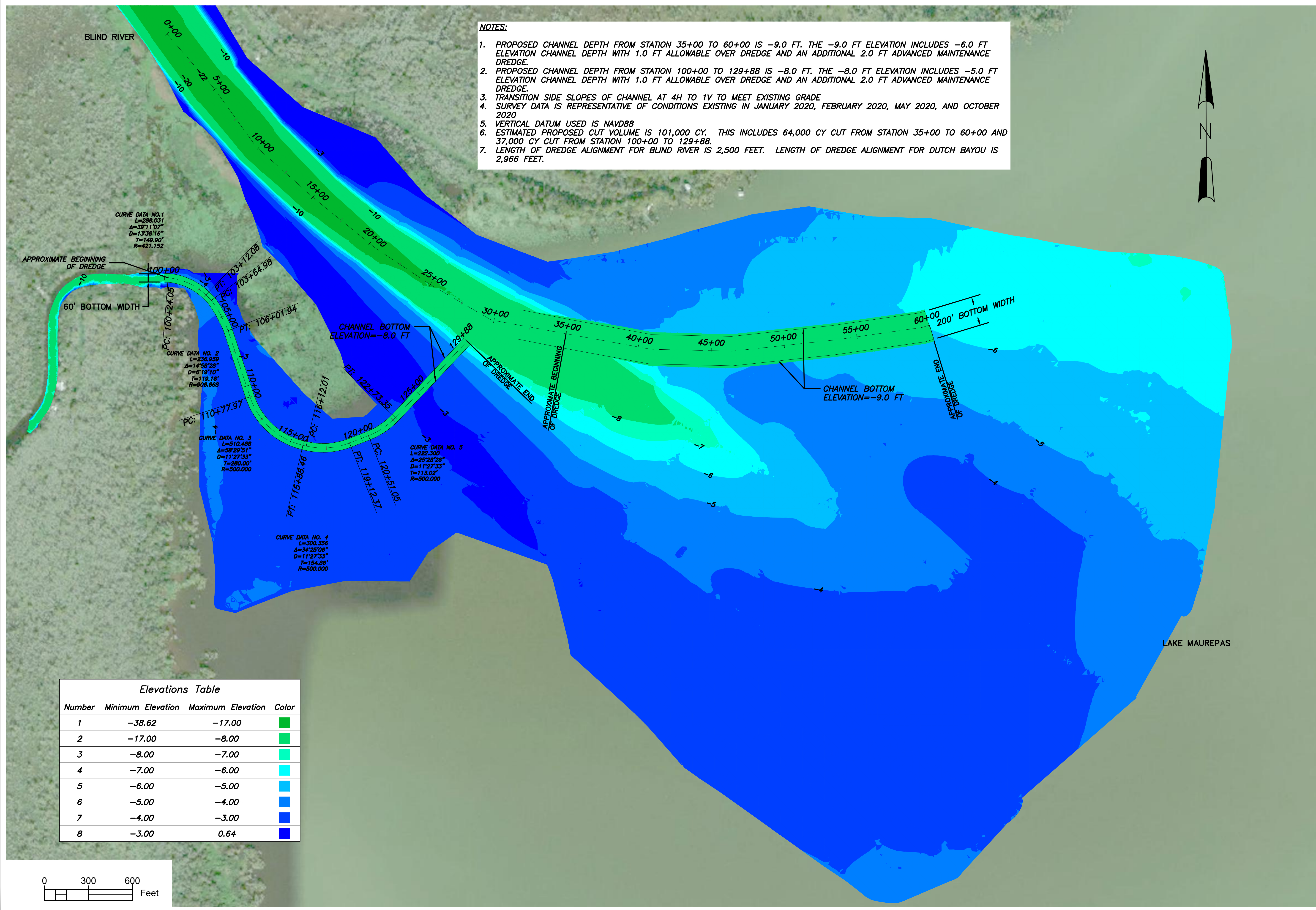


SHEET NUMBER		1	
EXISTING CONDITIONS PLAN VIEW			
DESIGNED	AT	DETAILED	DATE
CHECKED	BD	CHECKED	07/31/20
DATE	SCALE	SCALE	SCALE
			
<small>ATTENTION: THIS ORIGINAL DRAWING IS ON A 11x17 INCH SHEET. IF THIS DRAWING IS PRINTED AT A DIFFERENT SCALE, THE DIMENSIONS WILL NOT BE ACCURATE. ADJUST SCALE IF THIS BAR IS NOT 1 INCH.</small>			
NO.	DATE	BY	REVISION DESCRIPTION



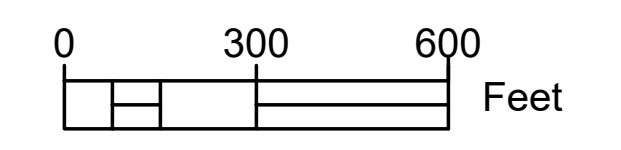
**NOTES:**

1. PROPOSED CHANNEL DEPTH FROM STATION 35+00 TO 60+00 IS -9.0 FT. THE -9.0 FT ELEVATION INCLUDES -6.0 FT ELEVATION CHANNEL DEPTH WITH 1.0 FT ALLOWABLE OVER DREDGE AND AN ADDITIONAL 2.0 FT ADVANCED MAINTENANCE DREDGE.
2. PROPOSED CHANNEL DEPTH FROM STATION 100+00 TO 129+88 IS -8.0 FT. THE -8.0 FT ELEVATION INCLUDES -5.0 FT ELEVATION CHANNEL DEPTH WITH 1.0 FT ALLOWABLE OVER DREDGE AND AN ADDITIONAL 2.0 FT ADVANCED MAINTENANCE DREDGE.
3. TRANSITION SIDE SLOPES OF CHANNEL AT 4H TO 1V TO MEET EXISTING GRADE
4. SURVEY DATA IS REPRESENTATIVE OF CONDITIONS EXISTING IN JANUARY 2020, FEBRUARY 2020, MAY 2020, AND OCTOBER 2020
5. VERTICAL DATUM USED IS NAVD88
6. ESTIMATED PROPOSED CUT VOLUME IS 101,000 CY. THIS INCLUDES 64,000 CY CUT FROM STATION 35+00 TO 60+00 AND 37,000 CY CUT FROM STATION 100+00 TO 129+88.
7. LENGTH OF DREDGE ALIGNMENT FOR BLIND RIVER IS 2,500 FEET. LENGTH OF DREDGE ALIGNMENT FOR DUTCH BAYOU IS 2,966 FEET.



**Elevations Table**

Number	Minimum Elevation	Maximum Elevation	Color
1	-38.62	-17.00	Green
2	-17.00	-8.00	Light Green
3	-8.00	-7.00	Yellow-Green
4	-7.00	-6.00	Yellow
5	-6.00	-5.00	Light Blue
6	-5.00	-4.00	Blue
7	-4.00	-3.00	Dark Blue
8	-3.00	0.64	Very Dark Blue



DESIGNED	AT	BY	CHECKED	DATE	SCALE
CHECKED			Detailed	07/31/20	
			Checked		



ATTENTION:  
THIS IS AN ORIGINAL DRAWING.  
ON THE ORIGINAL DRAWING,  
ADJUST SCALE IF THIS  
BAR ≠ 1" = 100'

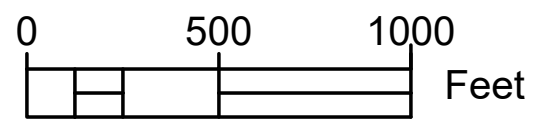
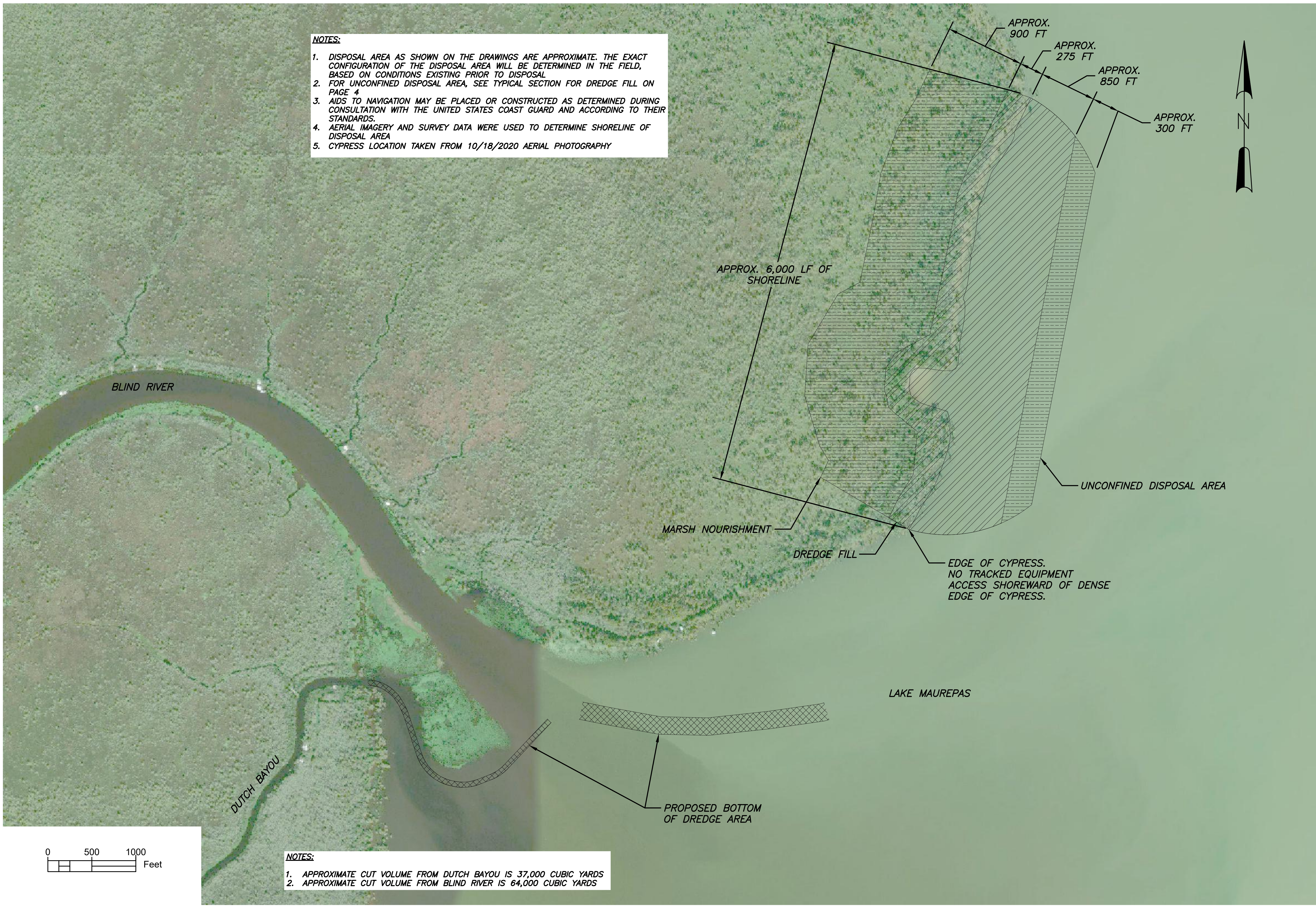
NO.	DATE	BY	REVISION DESCRIPTION



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**NOTES:**

1. DISPOSAL AREA AS SHOWN ON THE DRAWINGS ARE APPROXIMATE. THE EXACT CONFIGURATION OF THE DISPOSAL AREA WILL BE DETERMINED IN THE FIELD, BASED ON CONDITIONS EXISTING PRIOR TO DISPOSAL
2. FOR UNCONFINED DISPOSAL AREA, SEE TYPICAL SECTION FOR DREDGE FILL ON PAGE 4
3. AIDS TO NAVIGATION MAY BE PLACED OR CONSTRUCTED AS DETERMINED DURING CONSULTATION WITH THE UNITED STATES COAST GUARD AND ACCORDING TO THEIR STANDARDS.
4. AERIAL IMAGERY AND SURVEY DATA WERE USED TO DETERMINE SHORELINE OF DISPOSAL AREA
5. CYPRESS LOCATION TAKEN FROM 10/18/2020 AERIAL PHOTOGRAPHY



**NOTES:**

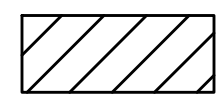
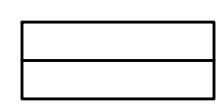
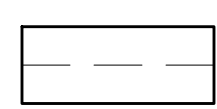
1. APPROXIMATE CUT VOLUME FROM DUTCH BAYOU IS 37,000 CUBIC YARDS
2. APPROXIMATE CUT VOLUME FROM BLIND RIVER IS 64,000 CUBIC YARDS

SHEET NUMBER		3	
BLIND PLAN-OVERALL			
DESIGNED	AT	DATE	SCALE
CHECKED	BD	07/31/20	
DETAILED		CHECKED	CHECKED
			
			
ATTENTION: THIS ORIGINAL DRAWING IS TO BE USED AS SHOWN. ADJUST SCALE IF THIS BAR ≠ 1"			
NO.	DATE	BY	REVISION DESCRIPTION

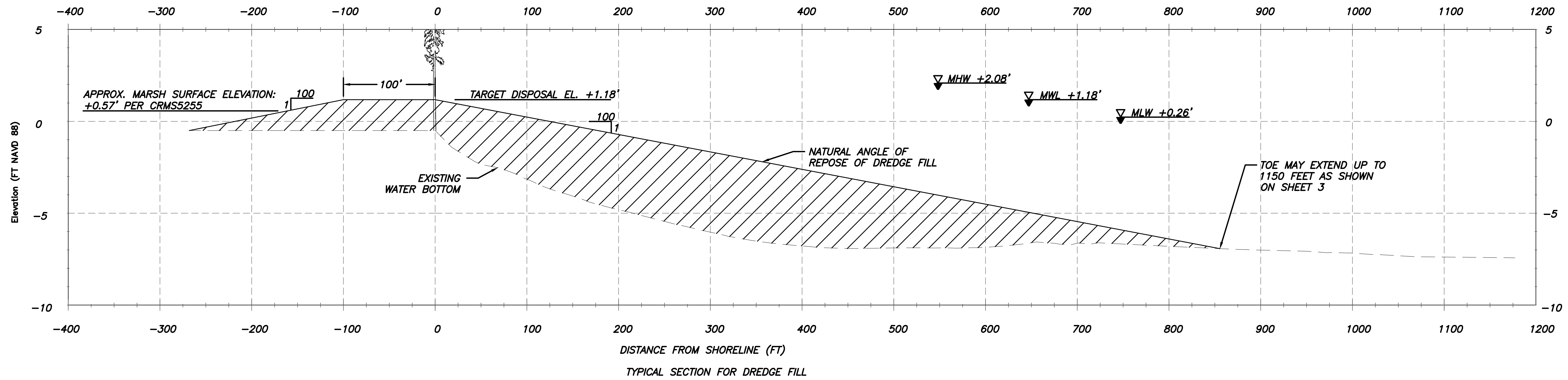


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LEGEND

-  DREDGE FILL
-  DESIGN
-  2020 SURVEY

LEGEND  
H: 1"=60'  
V: 1"=3'



NOTES:

1. AVERAGE DEPTH DENSE EDGE OF CYPRESS IS APPROXIMATELY -0.5 FEET BASED ON 10/18/2020 AERIAL PHOTOGRAPHY. NO TRACKED EQUIPMENT ACCESS SHOREWARD OF DENSE EDGE OF CYPRESS.
2. TARGET FILL ELEVATION IS +1.18 FEET AND TO NOT EXCEED +2.18 FEET.
3. THE DISCHARGE PIPE WILL BE PLACED AT THE EDGE OF THE TREE LINE WITH DISCHARGE DIRECTED TOWARDS THE SWAMP TO MAXIMIZE MARSH CREATION AND NOURISHMENT.


SHEET NUMBER 4

TYPICAL SECTION FOR DREDGE FILL

DESIGNED	AT	BD	DETAILED	CHECKED	DATE	SCALE
CHECKED			CHECKED	CHECKED	07/31/20	



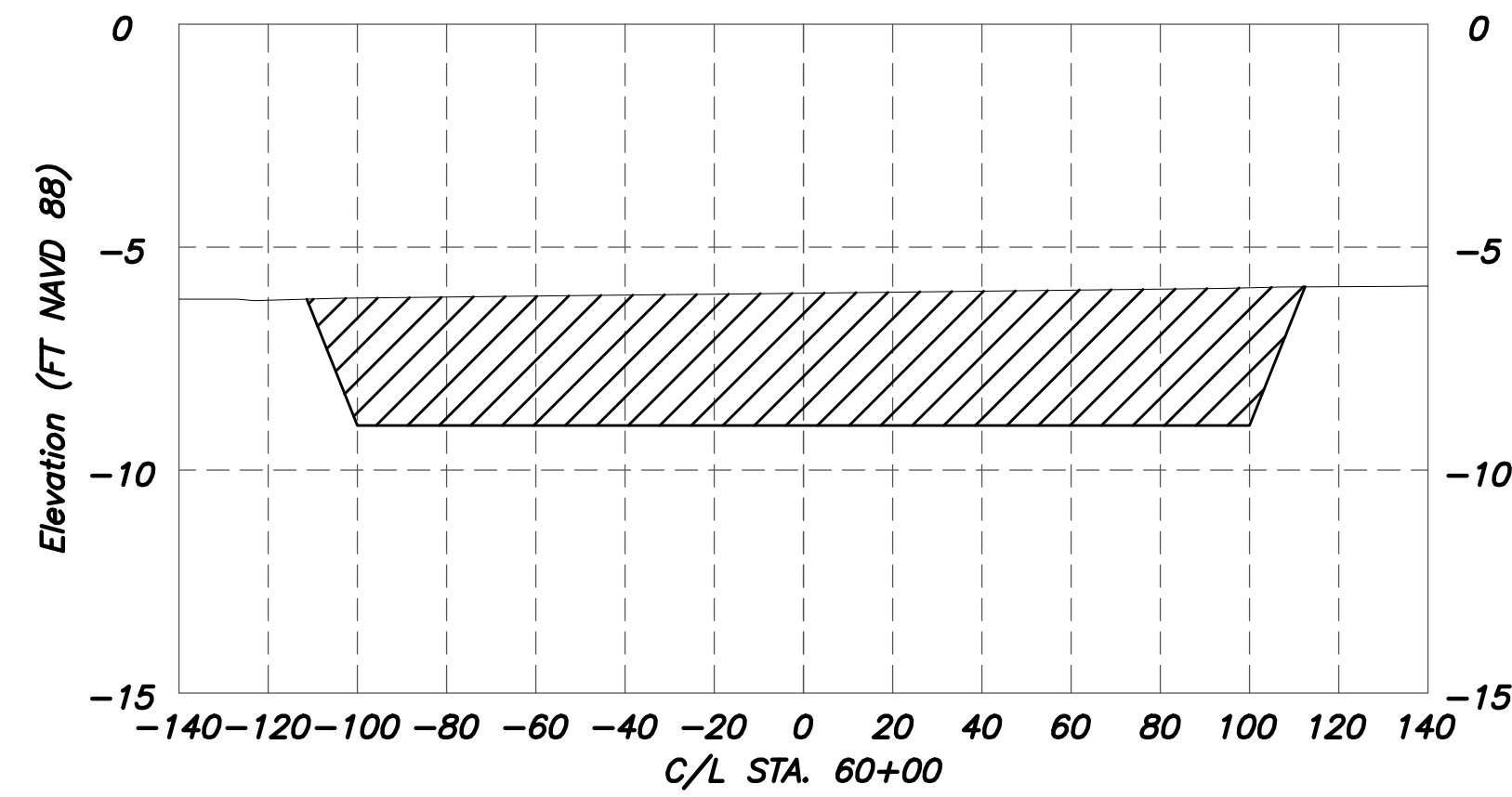
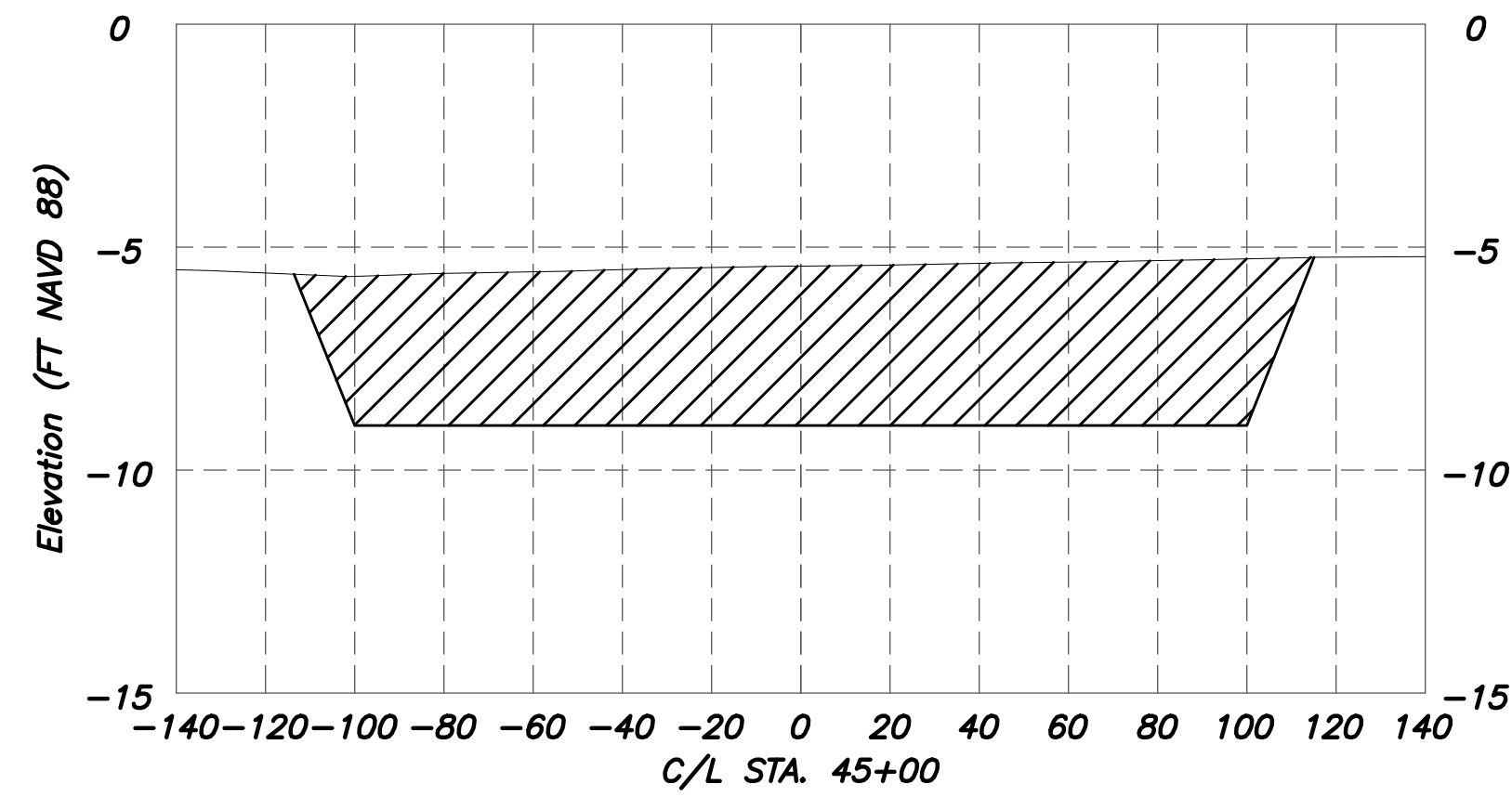
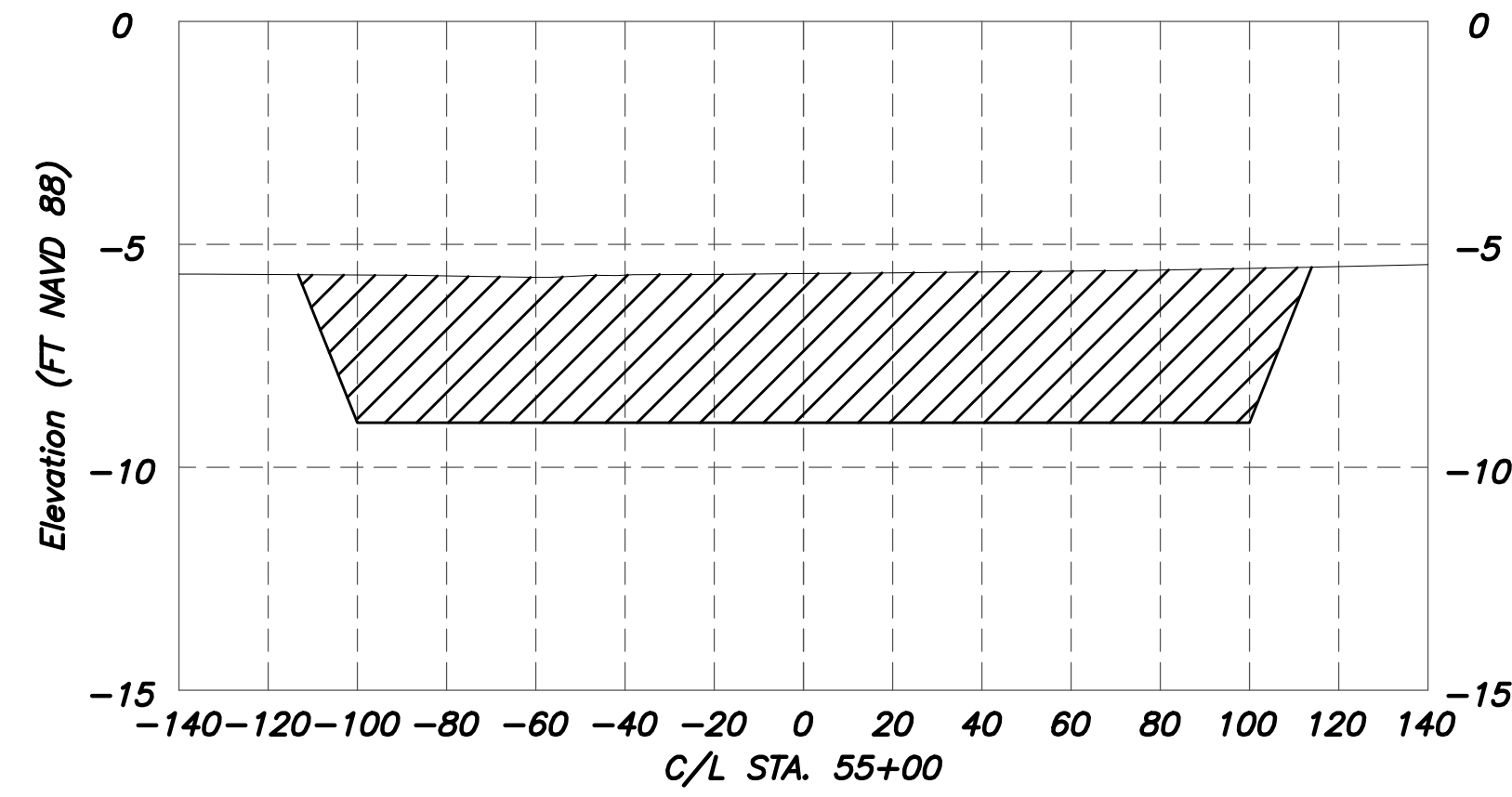
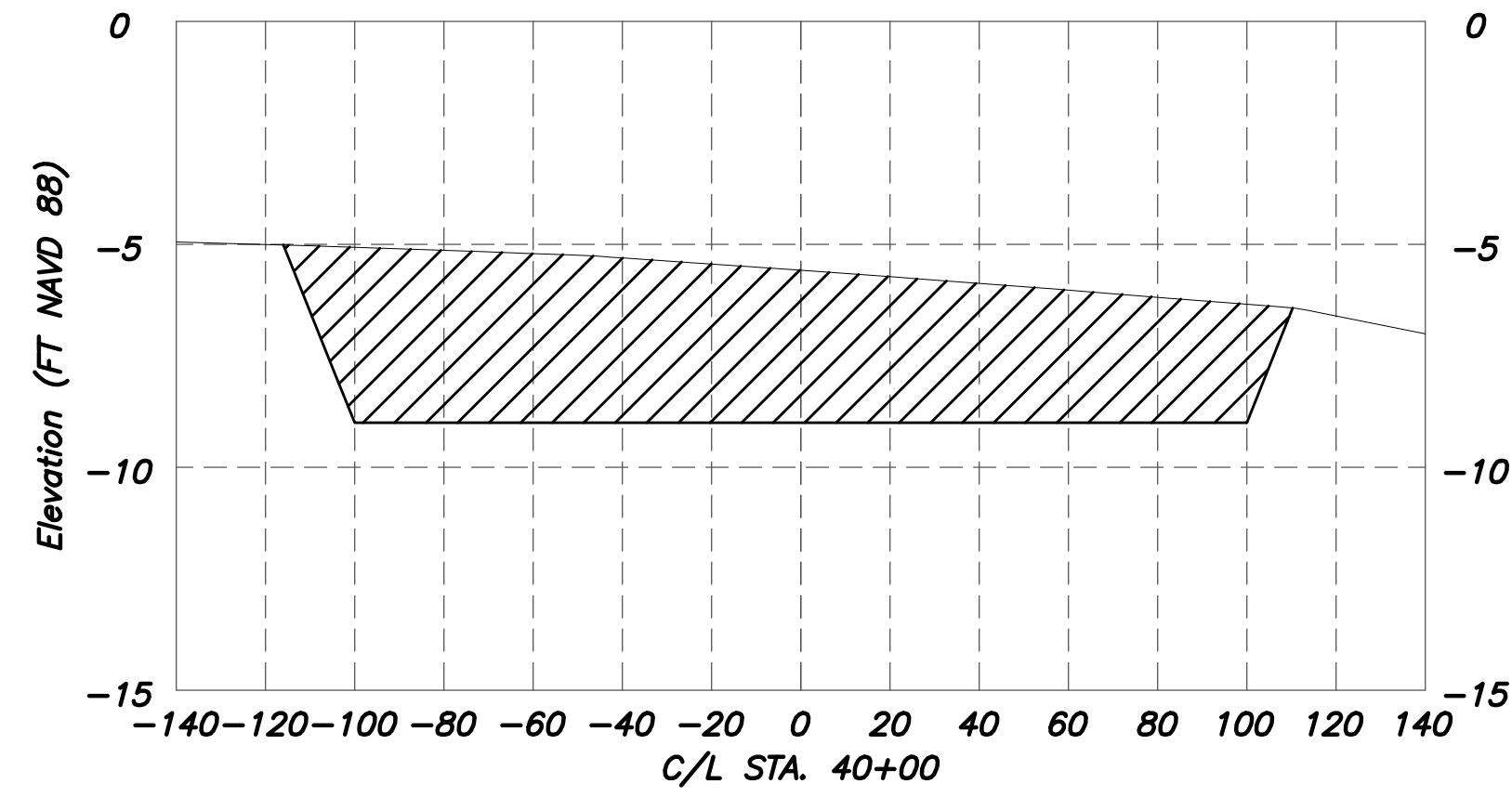
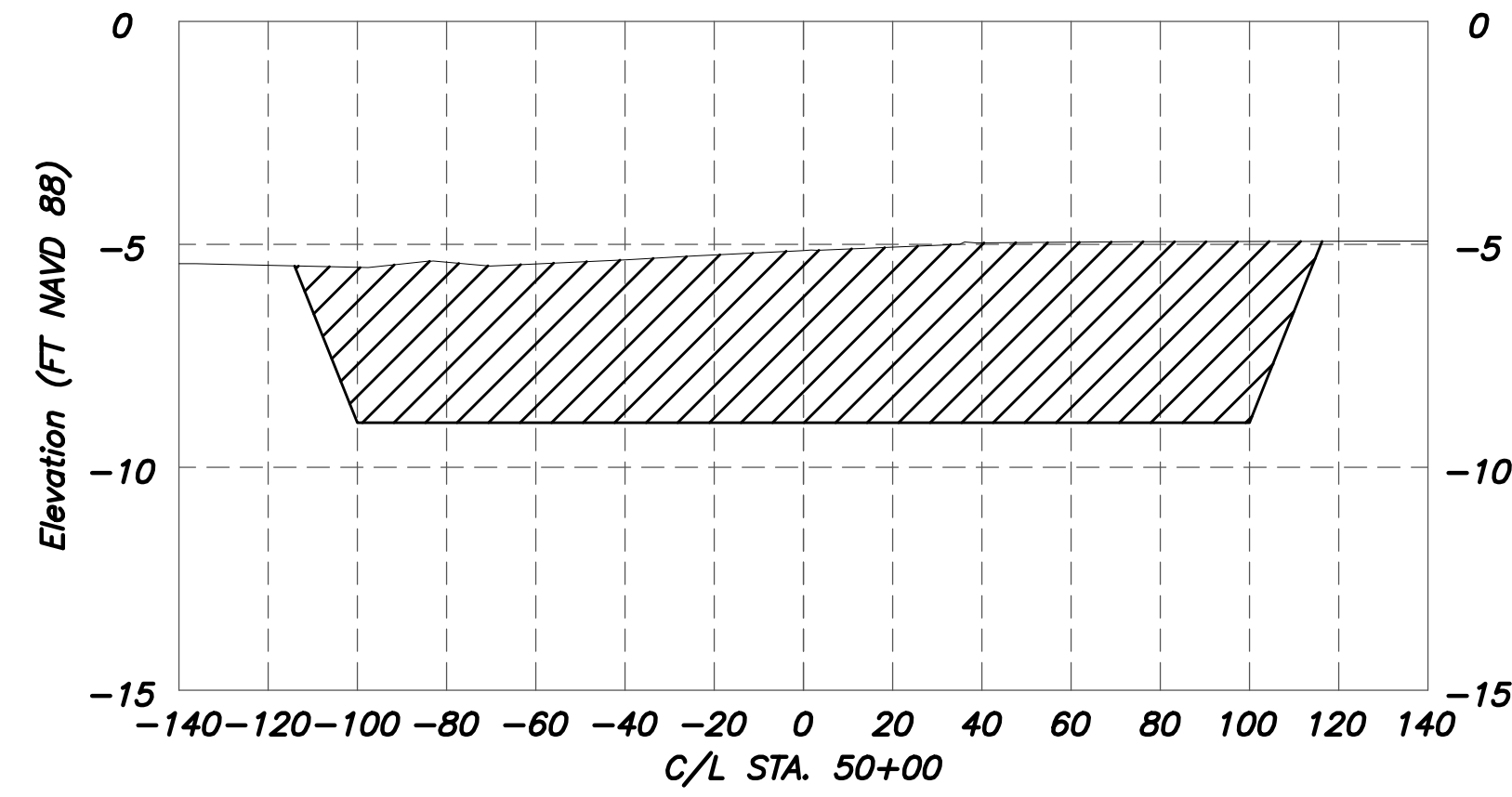
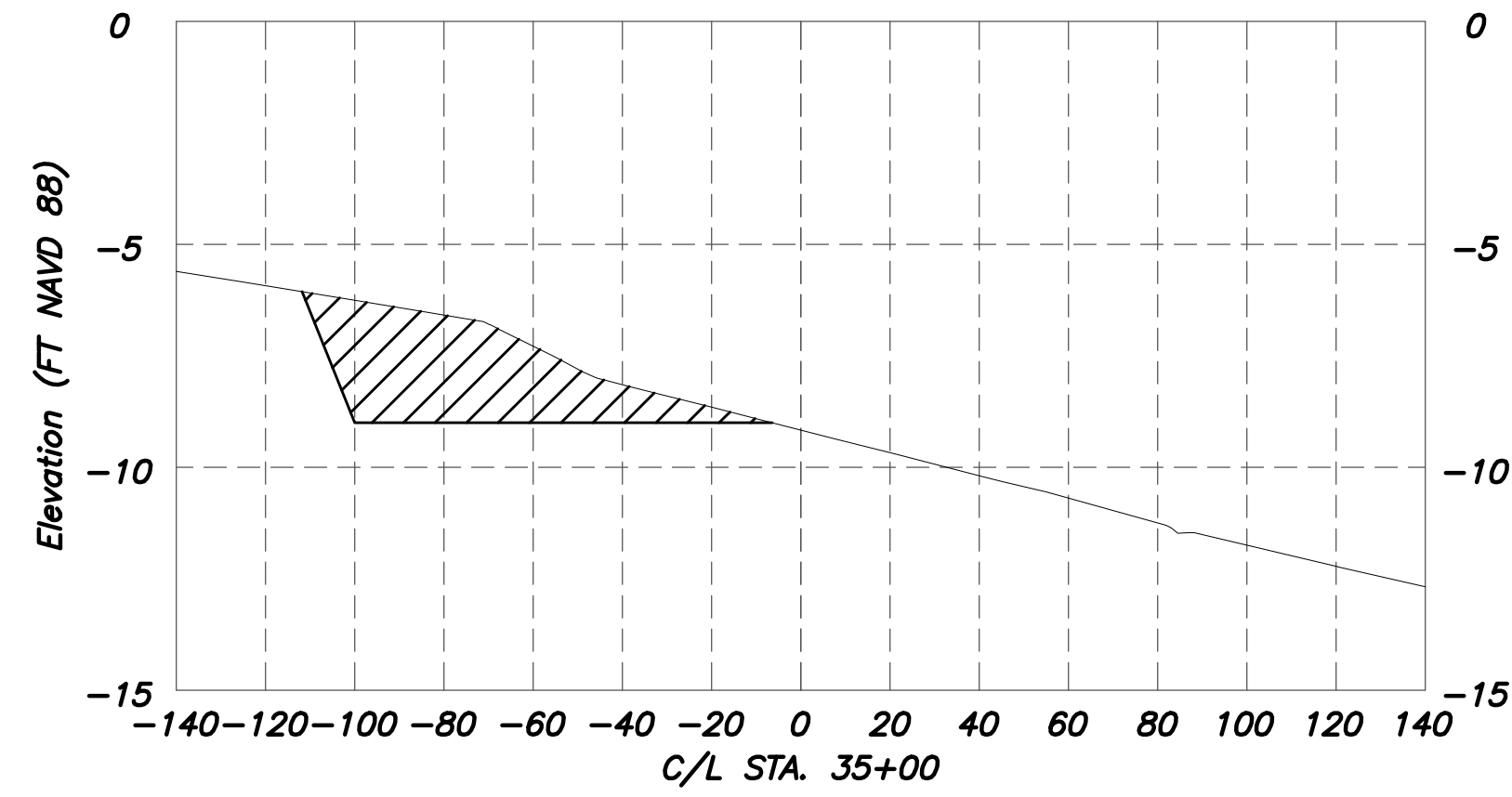
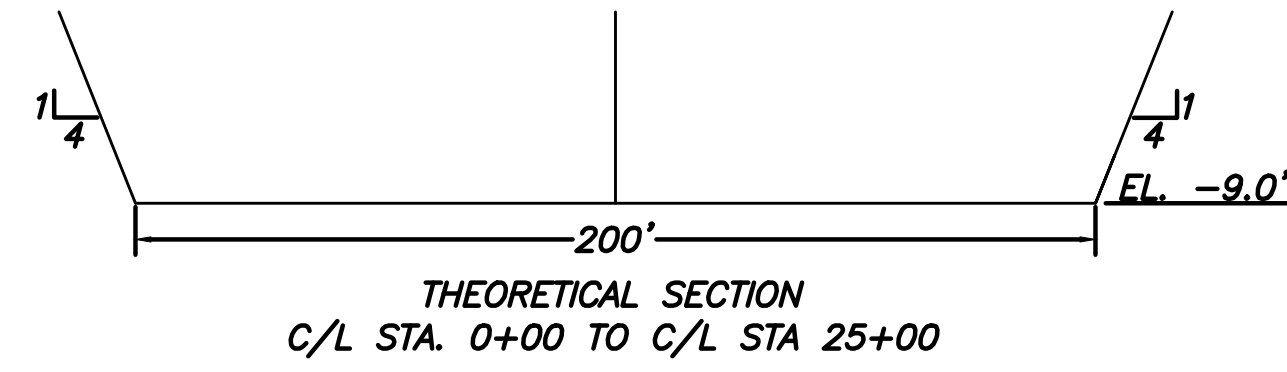
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NO.	DATE	REVISION DESCRIPTION	BY



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LEGEND  
H: 1"=40'  
V: 1"=4'

- NOTES:
1. ALL ELEVATIONS DEPICTED ARE IN NAVD88 DATUM.
  2. CROSS SECTIONS ARE REPRESENTATIVE OF SURVEY CONDITIONS THAT EXISTED IN JANUARY 2020, FEBRUARY 2020 AND MAY 2020.
  3. STATION NUMBERS REFLECT CENTERLINE STATIONING.
  4. SIDE SLOPES ARE 1V ON 4H

DESIGNED	AT	BD	DETAILED	CHECKED	DATE	SCALE
CHECKED			CHECKED		07/31/20	

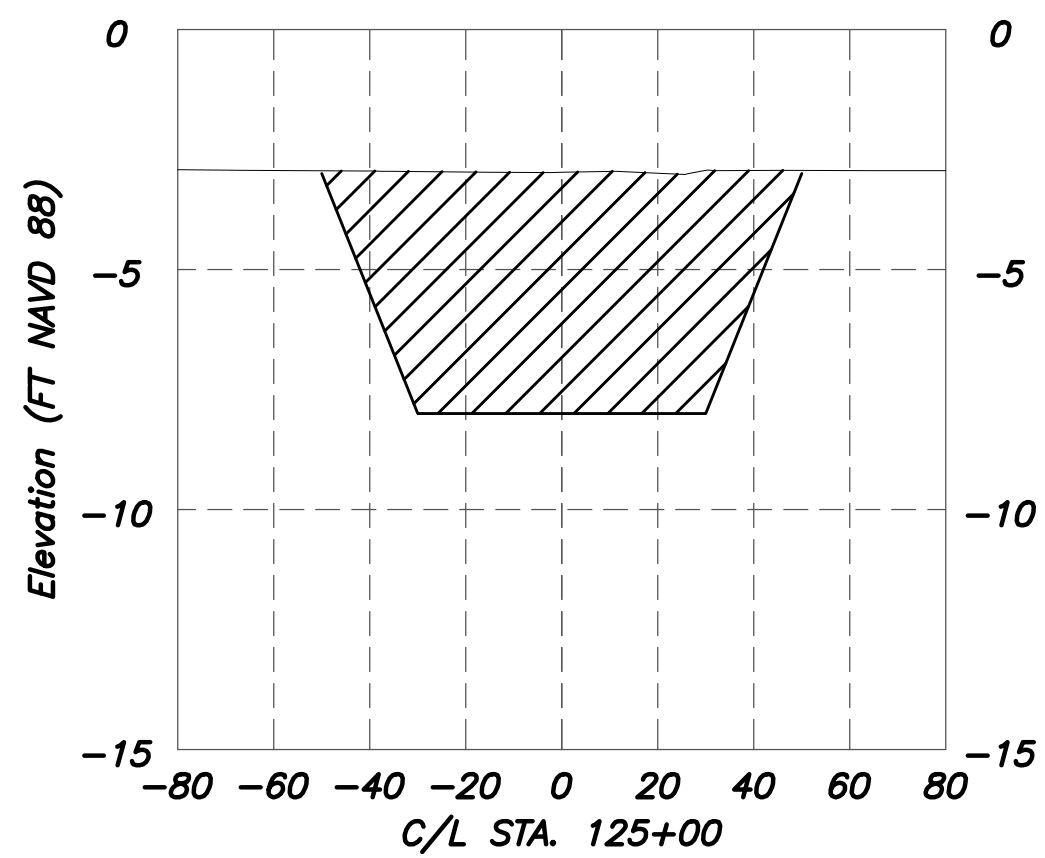
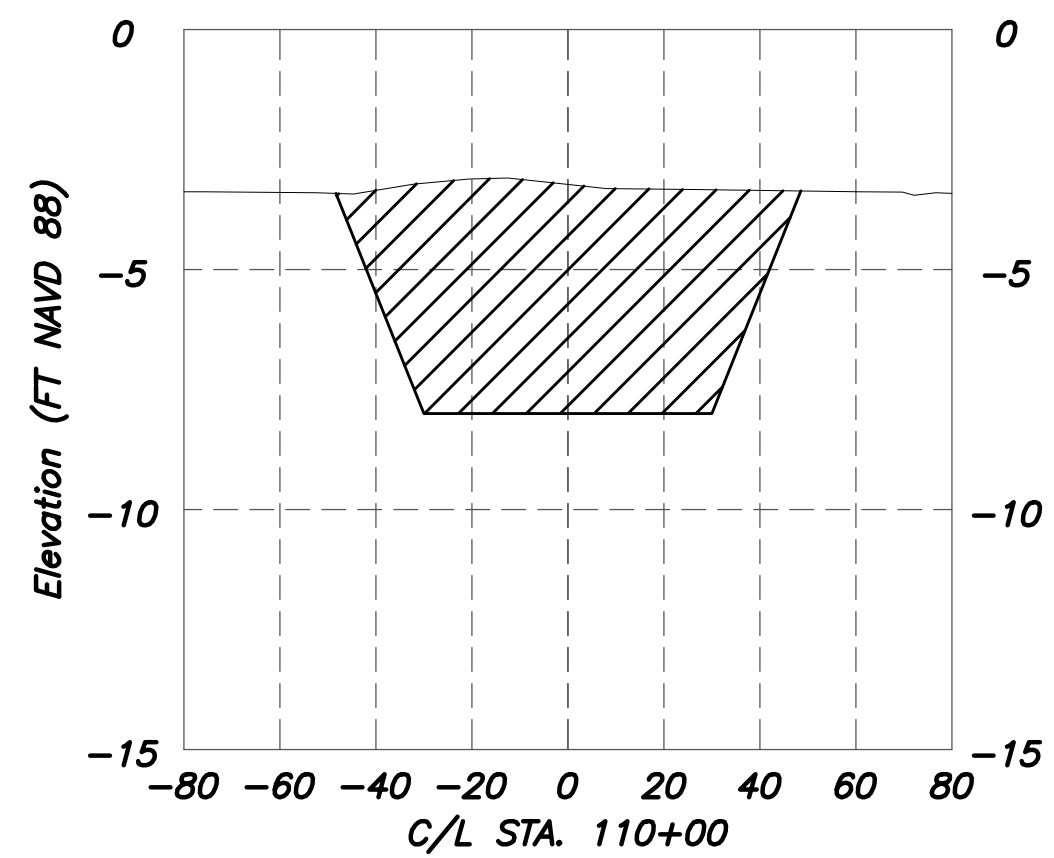
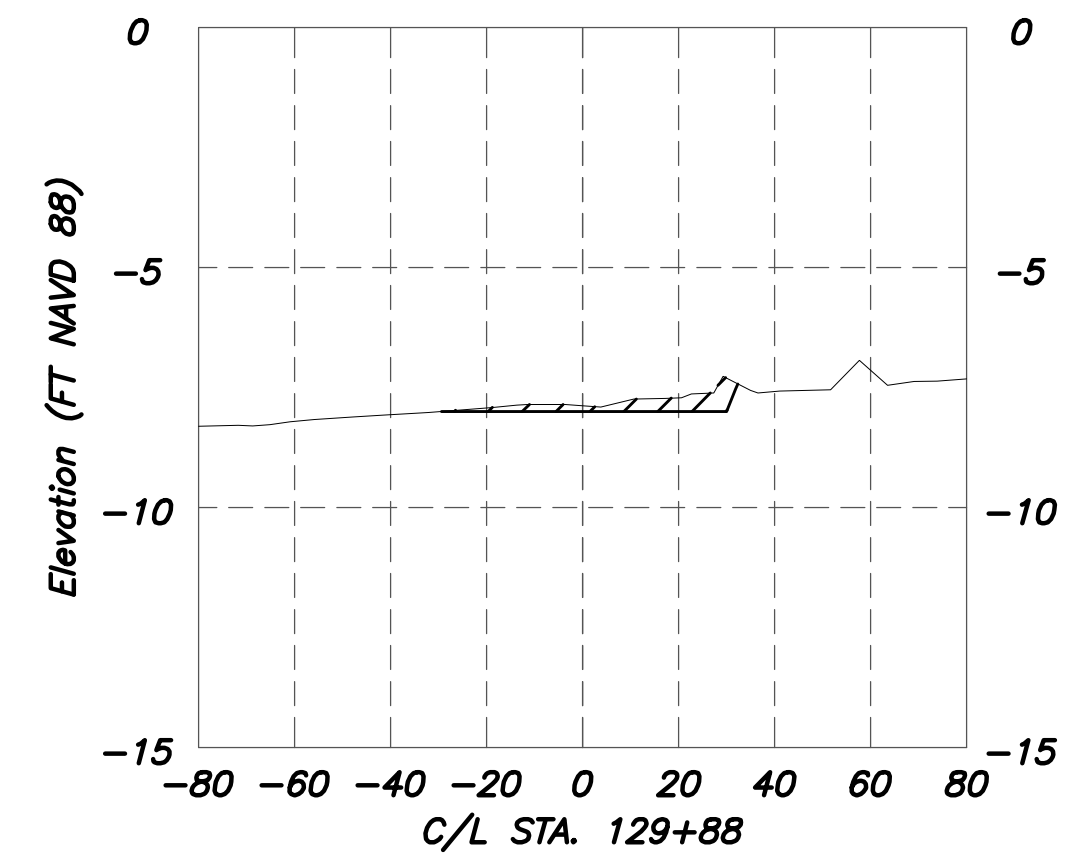
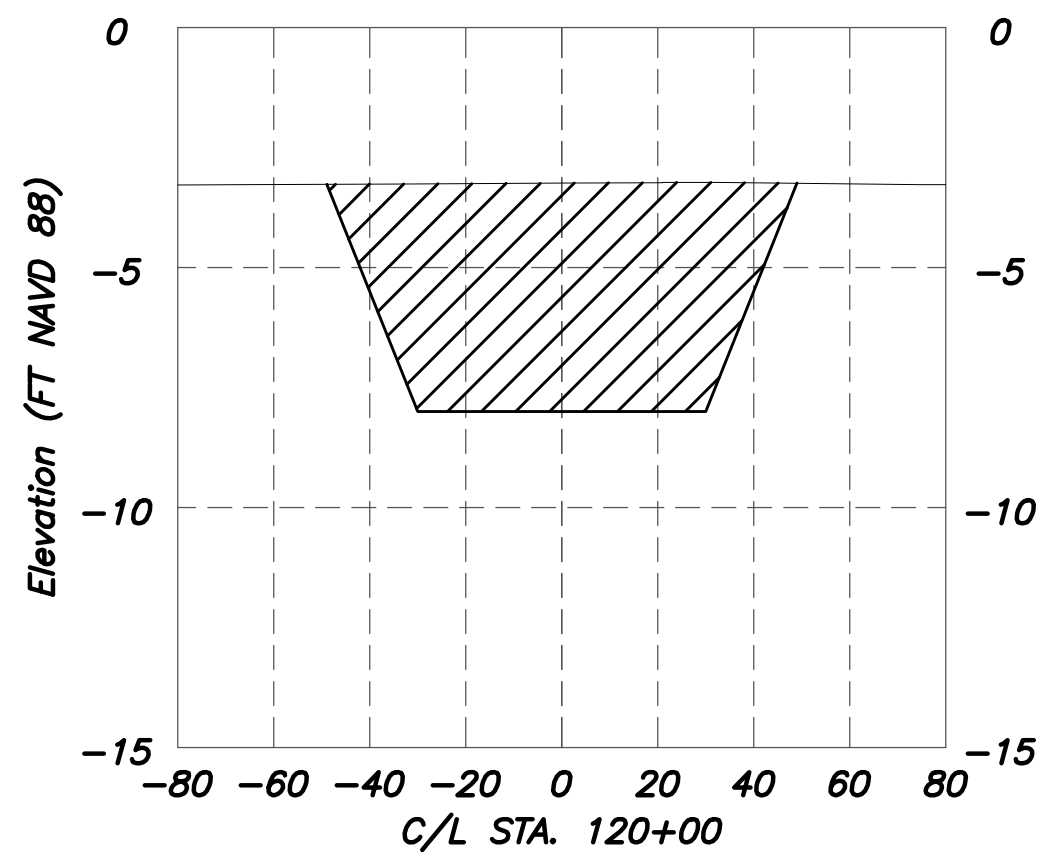
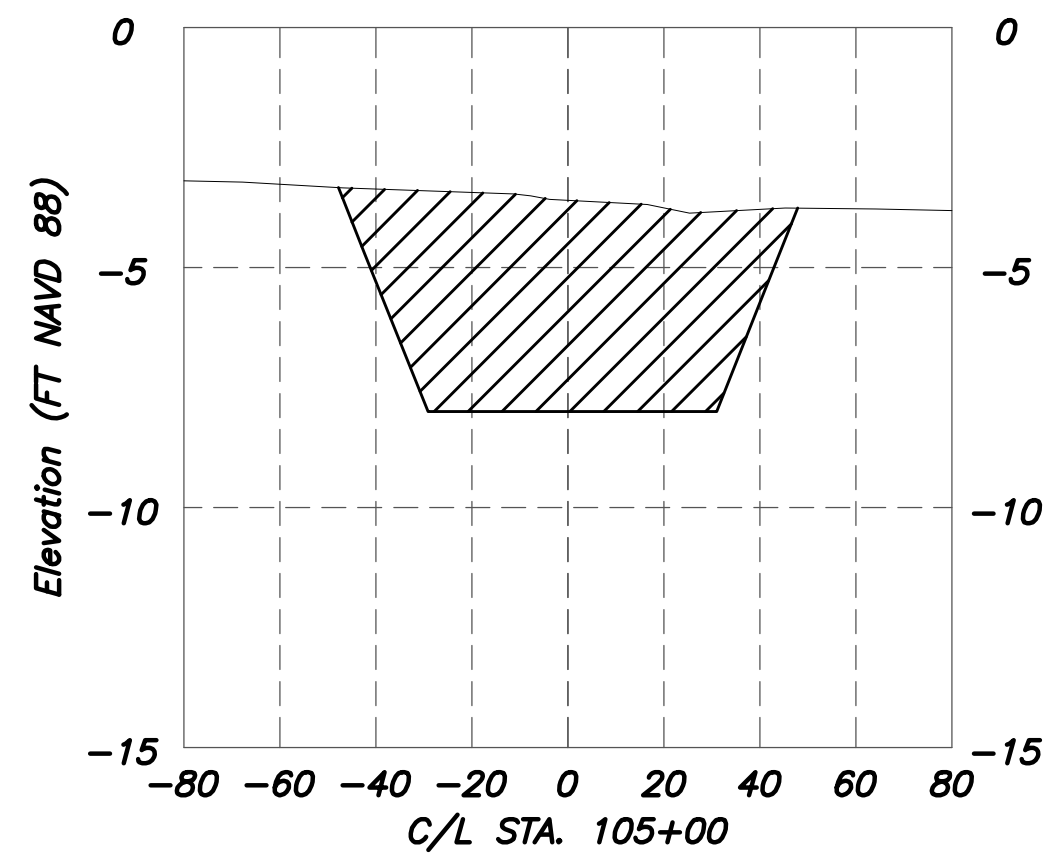
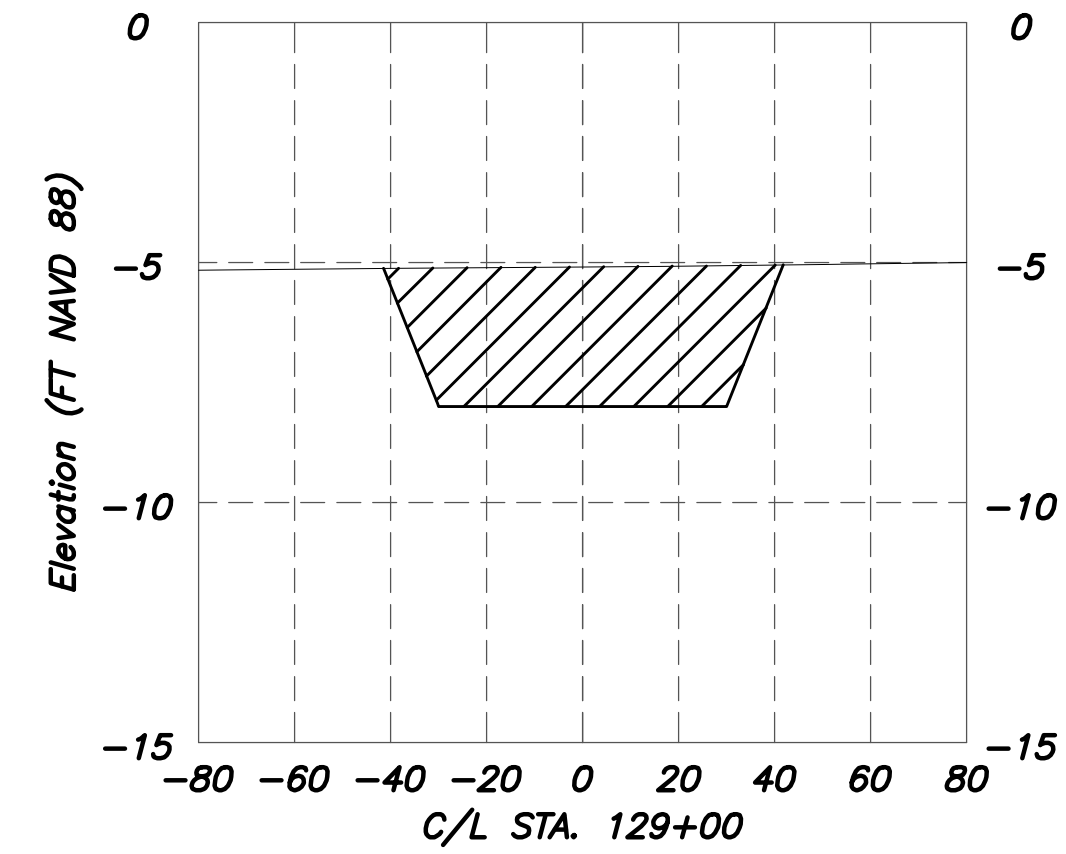
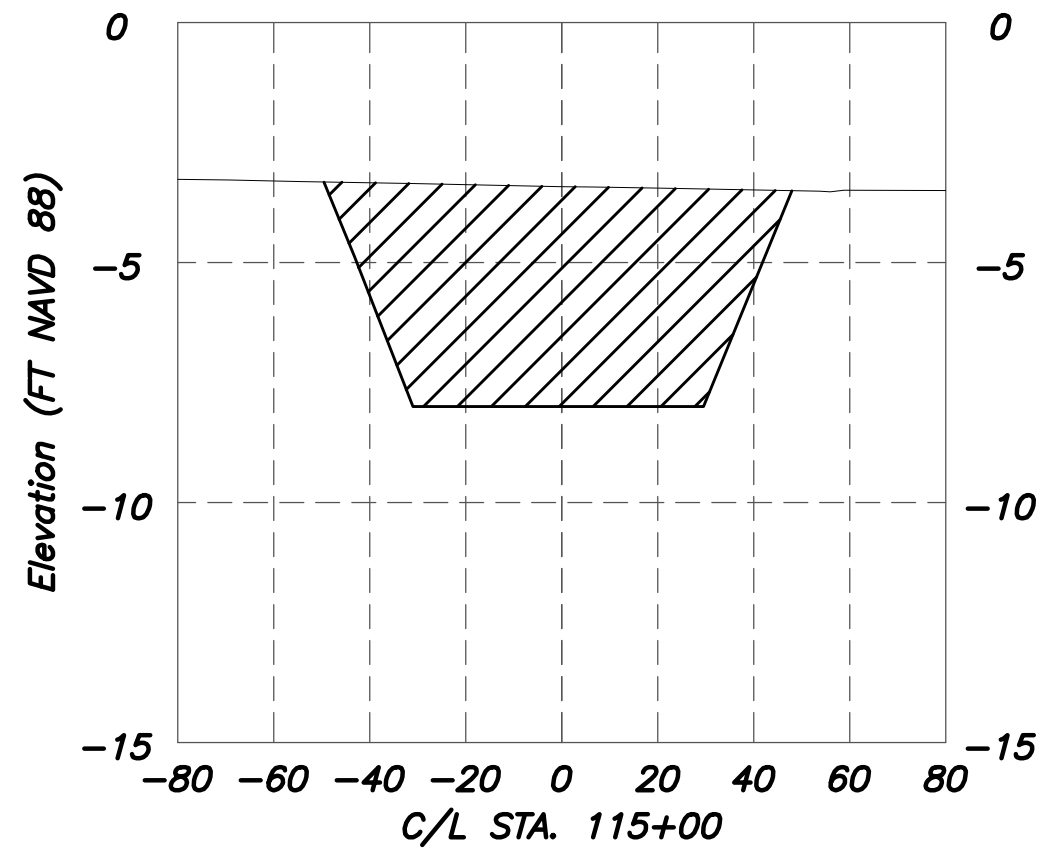
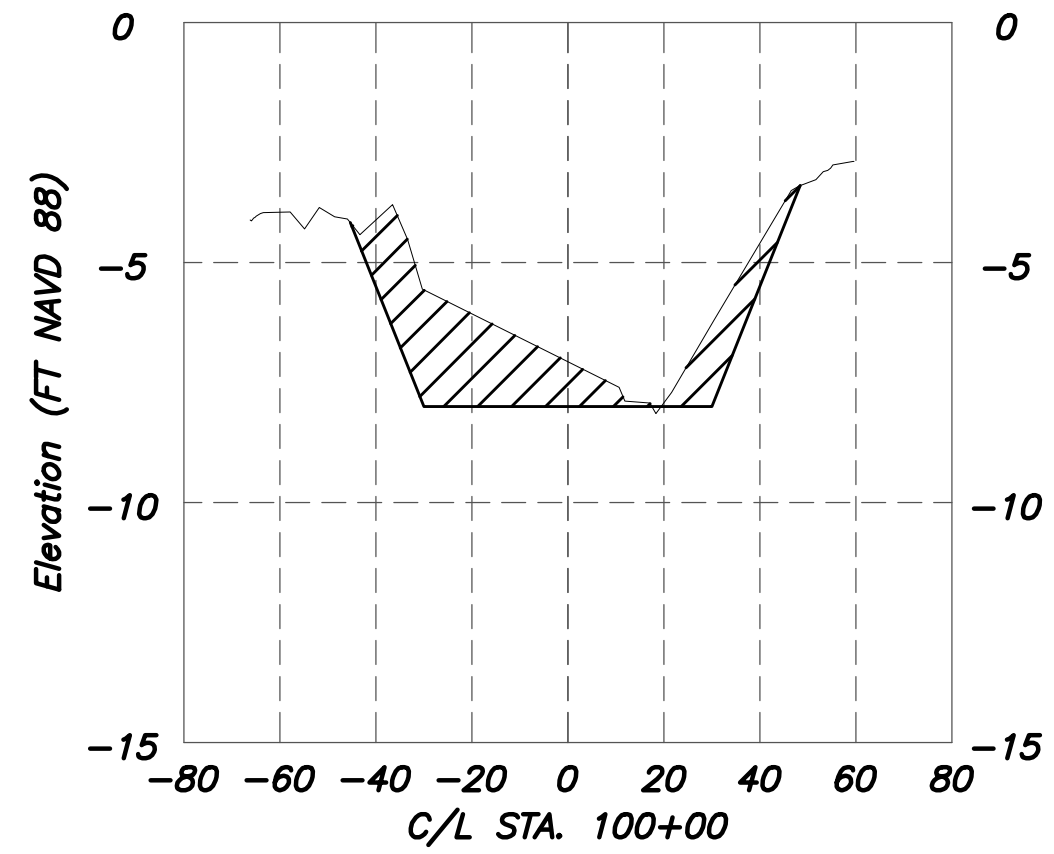
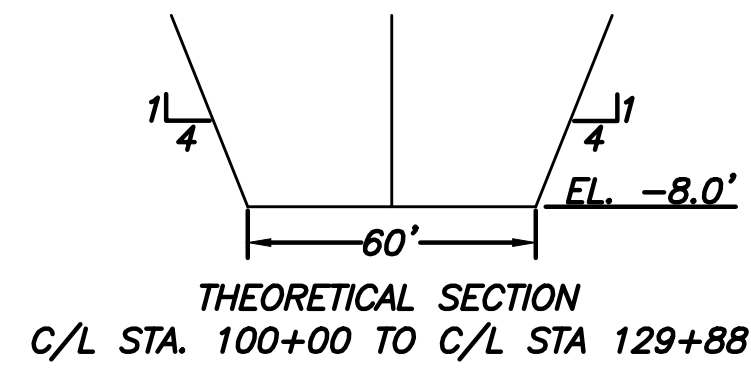


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NO.	DATE	BY	REVISION DESCRIPTION



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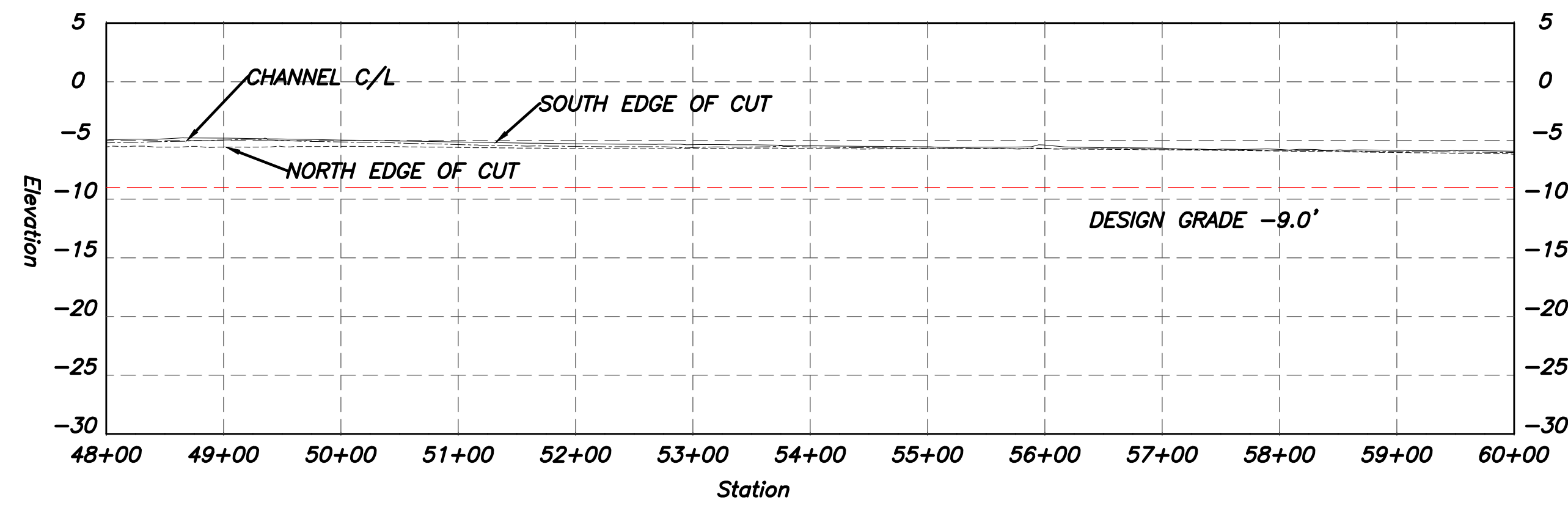
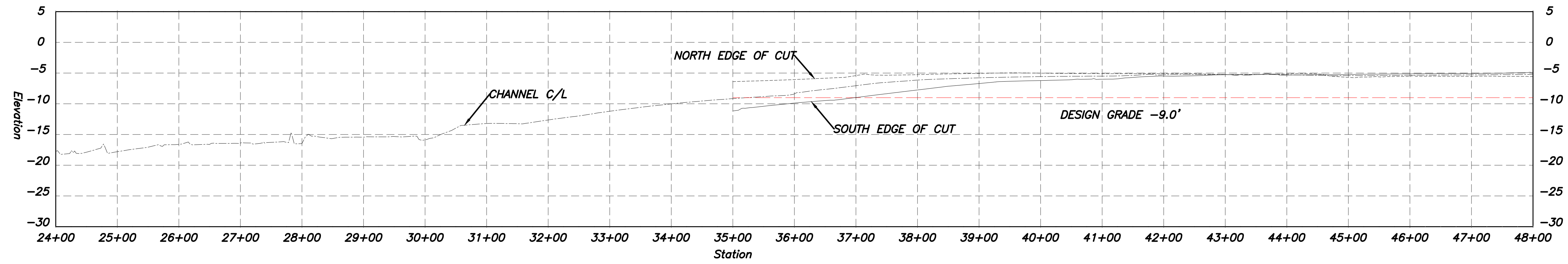
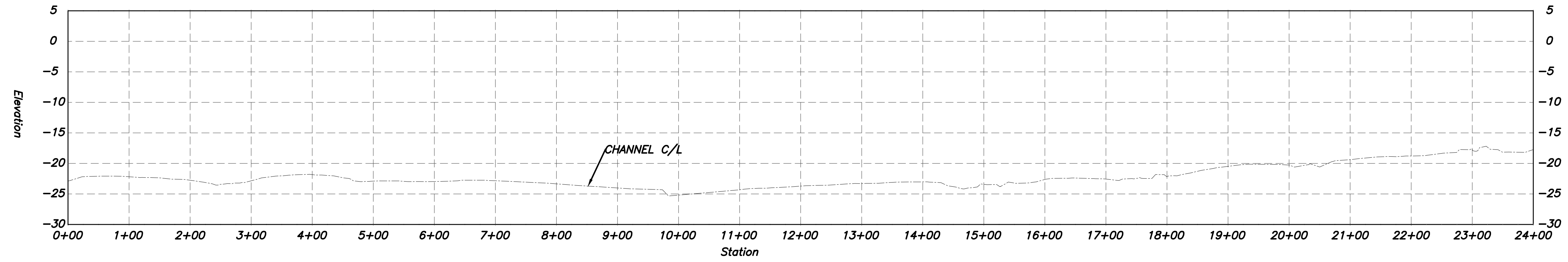


LEGEND  
H: 1"=40'  
V: 1"=4'

- NOTES:
1. ALL ELEVATIONS DEPICTED ARE IN NAVD88 DATUM.
  2. CROSS SECTIONS ARE REPRESENTATIVE OF SURVEY CONDITIONS THAT EXISTED IN JANUARY 2020, FEBRUARY 2020 AND MAY 2020.
  3. STATION NUMBERS REFLECT CENTERLINE STATIONING.
  4. SIDE SLOPES ARE 1V ON 4H

SHEET NUMBER		6	
TYPICAL SECTIONS DREDGE-DUTCH BAYOU			
DESIGNED	AT	DETAILED	DATE
CHECKED	BD	CHECKED	07/31/20
		SCALE	SCALE
ATTENTION: THIS IS A PRELIMINARY DRAWING. DO NOT SCALE FROM THIS DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.			
NO.	DATE	BY	REVISION DESCRIPTION





LEGEND  
 H: 1"=100'  
 V: 1"=10'

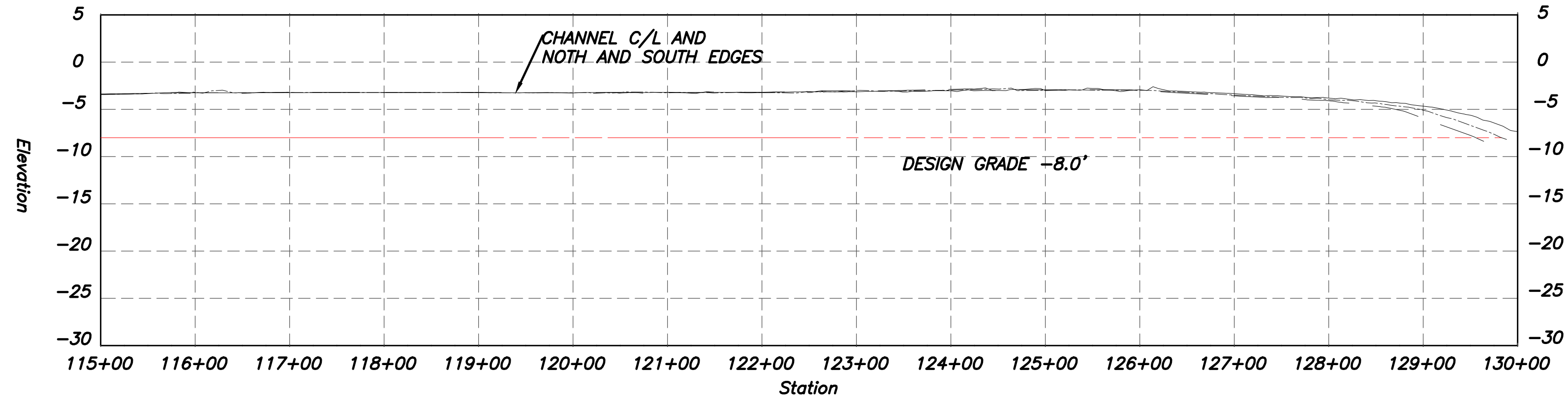
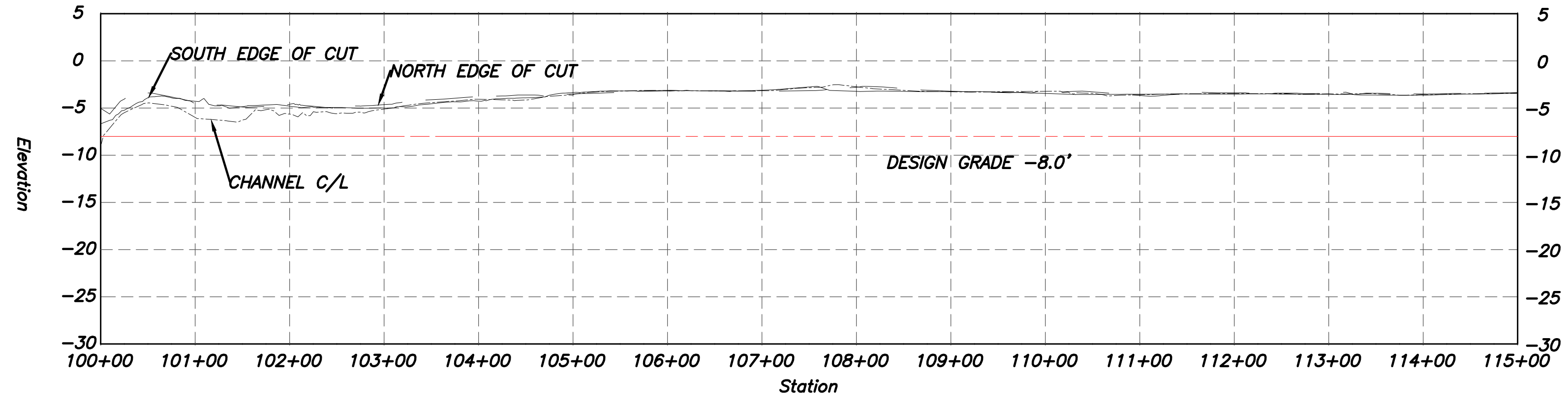
DESIGNED	AT	BD	DETAILED	CHECKED	SCALE
CHECKED			CHECKED		
DATE	07/31/20		SCALE		



ATTENTION:  
 THIS DRAWING IS FOR THE ORIGINAL DRAWING.  
 ADJUST SCALE IF THIS BAR IS 1 INCH.  
 1" = 100'

NO.	DATE	REVISION DESCRIPTION	BY





LEGEND  
H: 1"=100'  
V: 1"=10'

DESIGNED	AT	BD	DETAILED	CHECKED	DATE	SCALE
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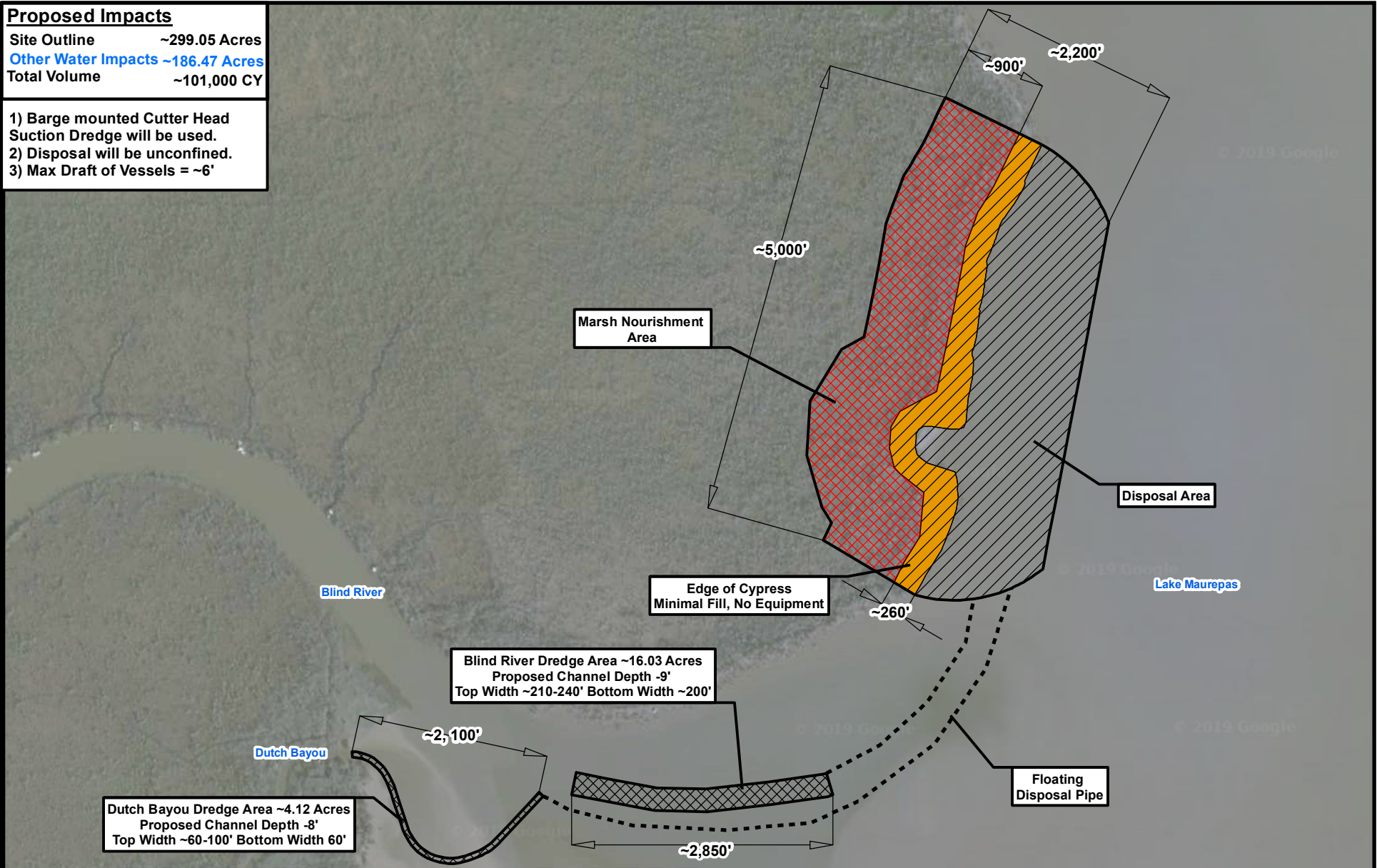
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**Proposed Impacts**  
 Site Outline ~299.05 Acres  
 Other Water Impacts ~186.47 Acres  
 Total Volume ~101,000 CY

1) Barge mounted Cutter Head Suction Dredge will be used.  
 2) Disposal will be unconfined.  
 3) Max Draft of Vessels = ~6'



**Figure 3: Blind River and Dutch Bayou Plan View**

**Amite and Blind Rivers Maintenance Dredging**

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**Legend:**

Site Outline ~299.05 Acres	Disposal Area ~126.84 Acres
Dredge Area ~20.15 Acres	Marsh Nourishment Area ~112.58 Acres
Minimal Fill Area ~39.48 Acres	Disposal Pipe

