



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

June 21, 2021

Operations Division
Central Evaluation Section

Zachary Steinkoenig
(504) 862-1288
zachary.j.steinkoenig@usace.army.mil.
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, Louisiana, in St. John the Baptist Parish and Livingston Parish, 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. 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 **20 days** from the date of this 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 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, ODR-C, 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 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.

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 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 Interior. Utilizing the Information & Planning Consultation for Endangered Species (IPaC) procedure, as signed on January 27, 2020, between the U.S. Army Corps of Engineers, New Orleans and U.S. Fish and Wildlife Service, Ecological Services Office, the Corps has determined that the proposed activity would have no effect on 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 would result in the destruction or alteration of up to **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 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 (Louisiana Coastal Zone Applications P #20210405 and P#20210406). 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.

JOHN M. HERMAN
Chief, Central Evaluation Section
Regulatory Branch

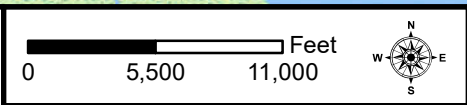
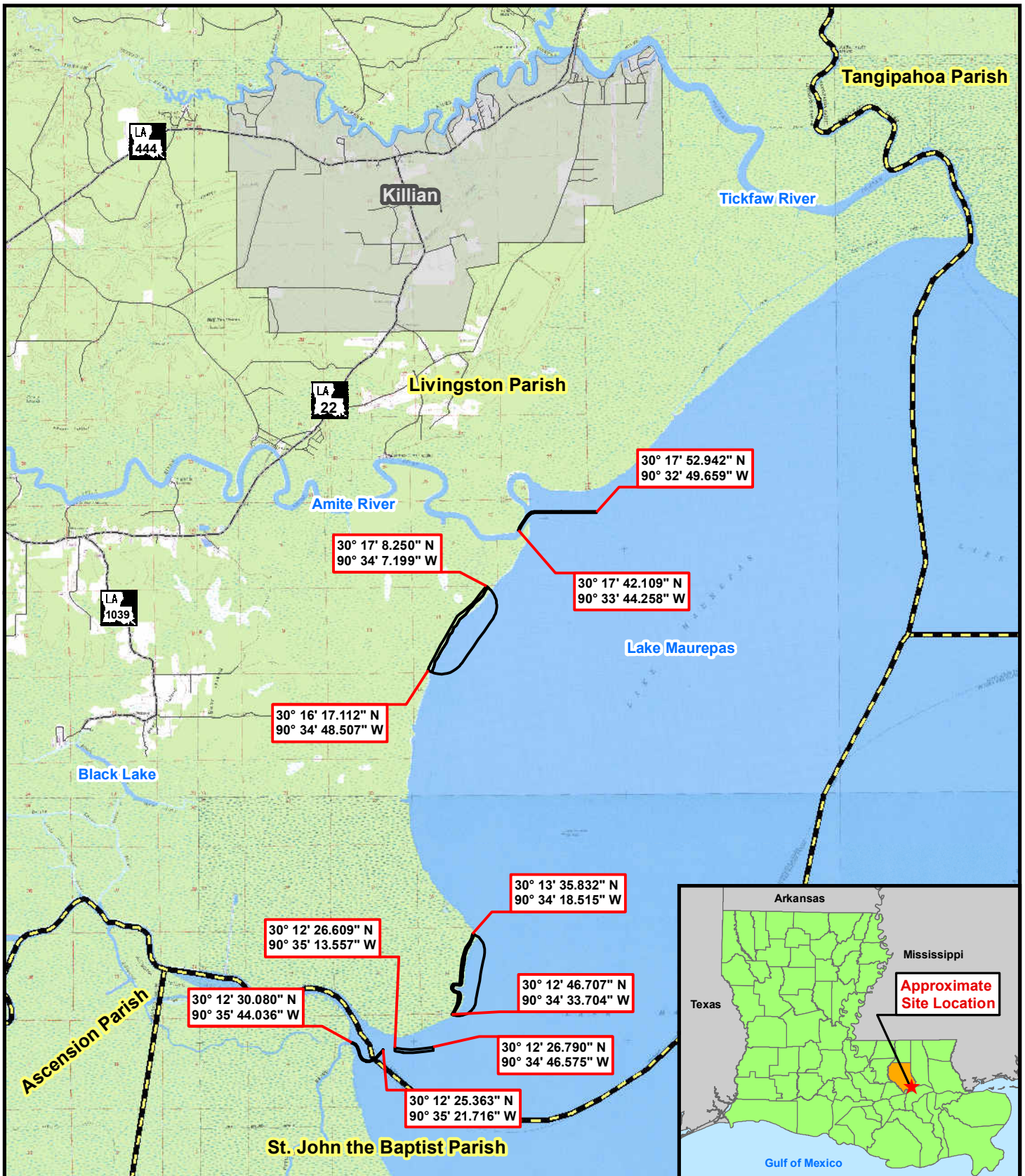


Figure 1: TopoVicinity Map

Amite and Blind Rivers Maintenance Dredging

Legend:

- Site Outline
- Parish Boundary
- Waterbody
- City/Town
- Highway
- Roadway

Sec: 2, 3 T:10S R:06E
 Sec: 35 T:09S R:06E
 Sec: 11, 37 T:09S R: 06E

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.

Proposed Impacts
 Site Outline ~230.47 Acres
 Other Water Impacts ~230.47 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'

~80'

~4,400'

Amite River

Edge of Cypress
 Minimal Fill, No Equipment

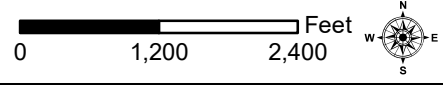
Floating
 Disposal Pipe

~6,400'

~1,500'

Lake Maurepas

Disposal Area
 ~220.62 Acres



- Legend:**
- Disposal Area ~191.52 Acres
 - Minimal Fill Area ~29.10 Acres
 - Dredge Area ~9.85 Acres
 - Disposal Pipe

Figure 2: Amite River Plan View
**Amite and Blind Rivers
 Maintenance Dredging**

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.

Proposed Impacts
 Site Outline ~147.55 Acres
 Other Water Impacts ~147.55 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'

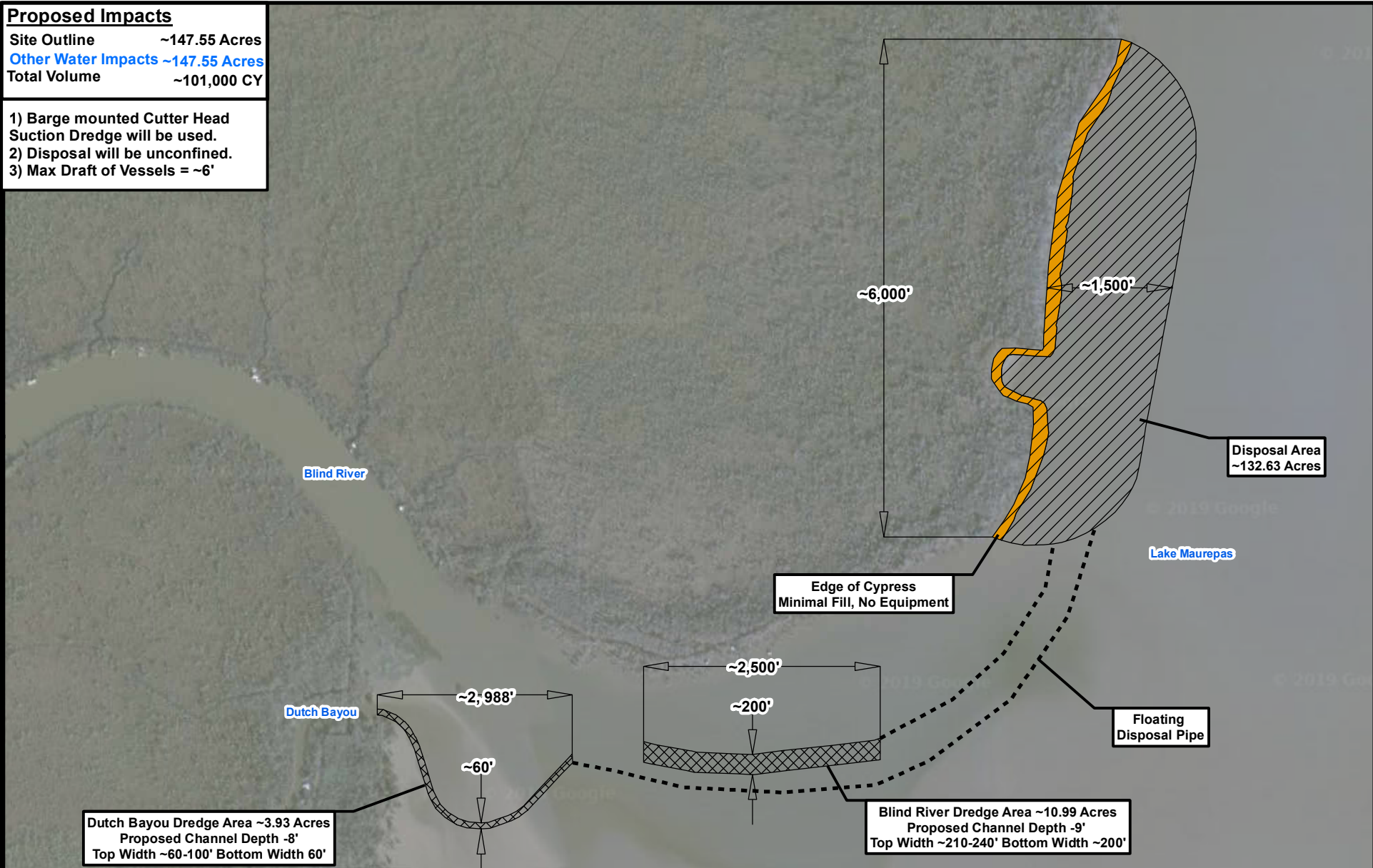
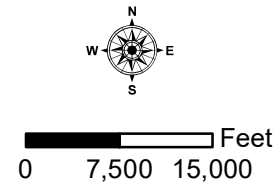


Figure 3: Blind River and Dutch Bayou Plan View

Amite and Blind Rivers Maintenance Dredging

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.

- Legend:**
- Site Outline
 - Minimal Fill Area ~14.66 Acres
 - Dredge Area ~14.92 Acres
 - Disposal Area ~117.97 Acres
 - Disposal Pipe



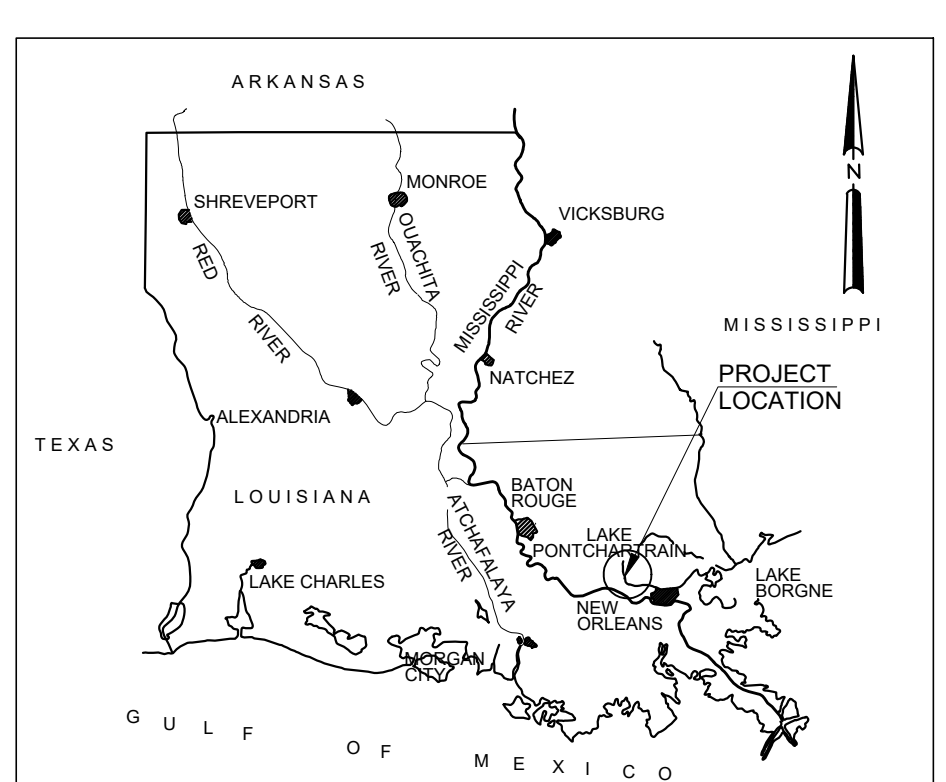
LIVINGSTON PARISH, LOUISIANA

AMITE RIVER MAINTENANCE DREDGING

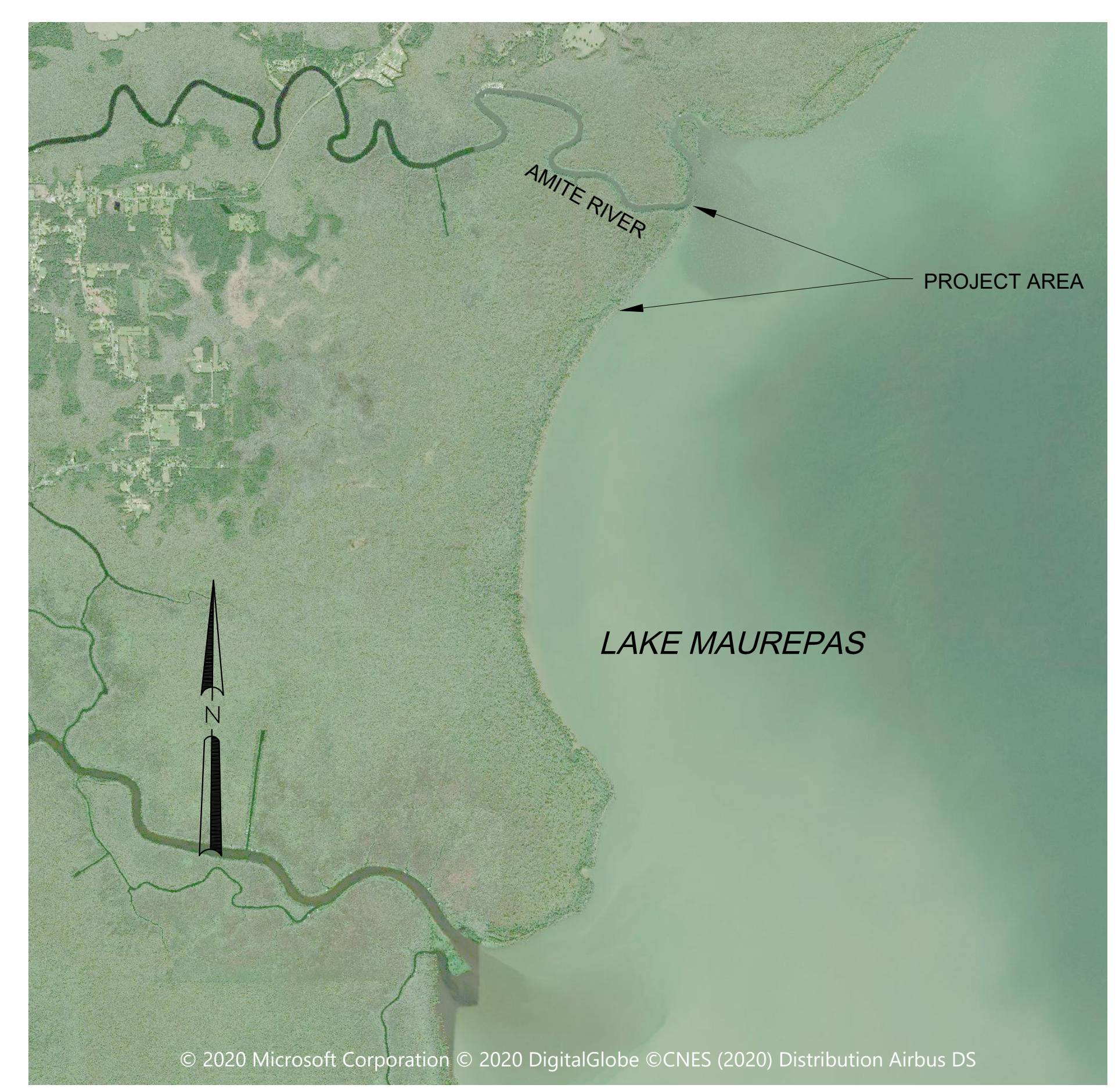
PARISH PROJECT NO. 9232, CFDA #15.435
JANUARY 2021

INDEX OF SHEETS

- C-1 COVER SHEET
- 1 EXISTING CONDITIONS PLAN VIEW
- 2 PROPOSED DREDGING PLAN VIEW
- 3 AMITE PLAN OVERALL
- 4 TYPICAL SECTION FOR DREDGE FILL
- 5 TYPICAL SECTIONS DREDGE
- 6 DREDGE PROFILE



VICINITY MAP
NOT TO SCALE



LOCATION MAP
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

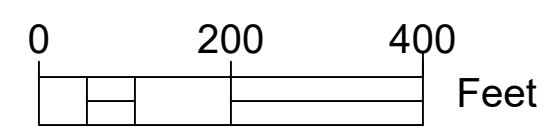
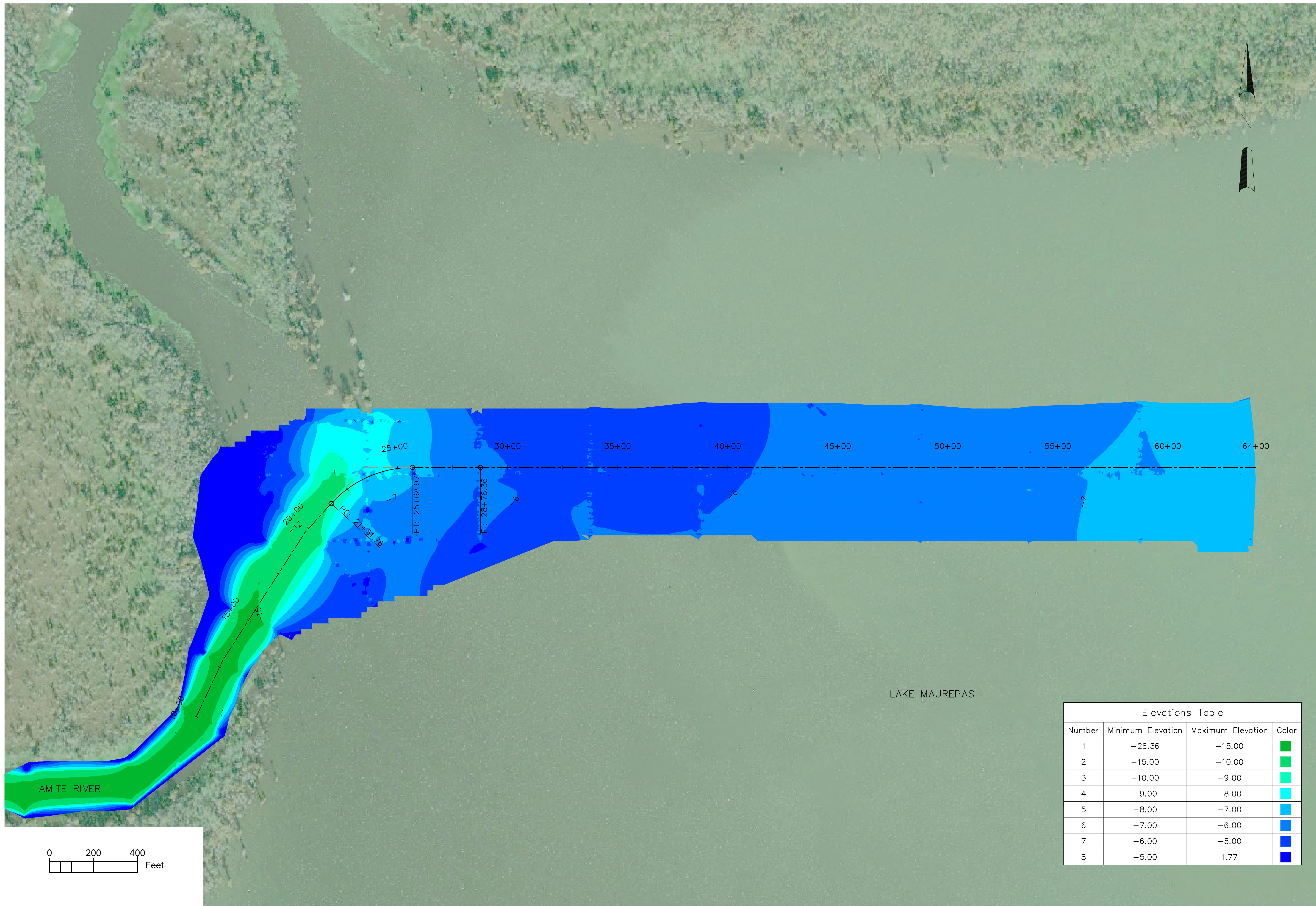


ATTENTION:
THIS BAR = 1" INCH.
ADJUST SCALE IF THIS
BAR ≠ 1" INCH.

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_GFS



LAKE MAUREPAS

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

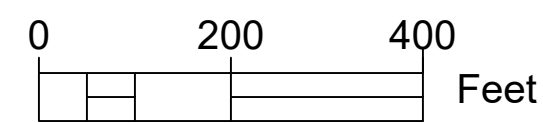
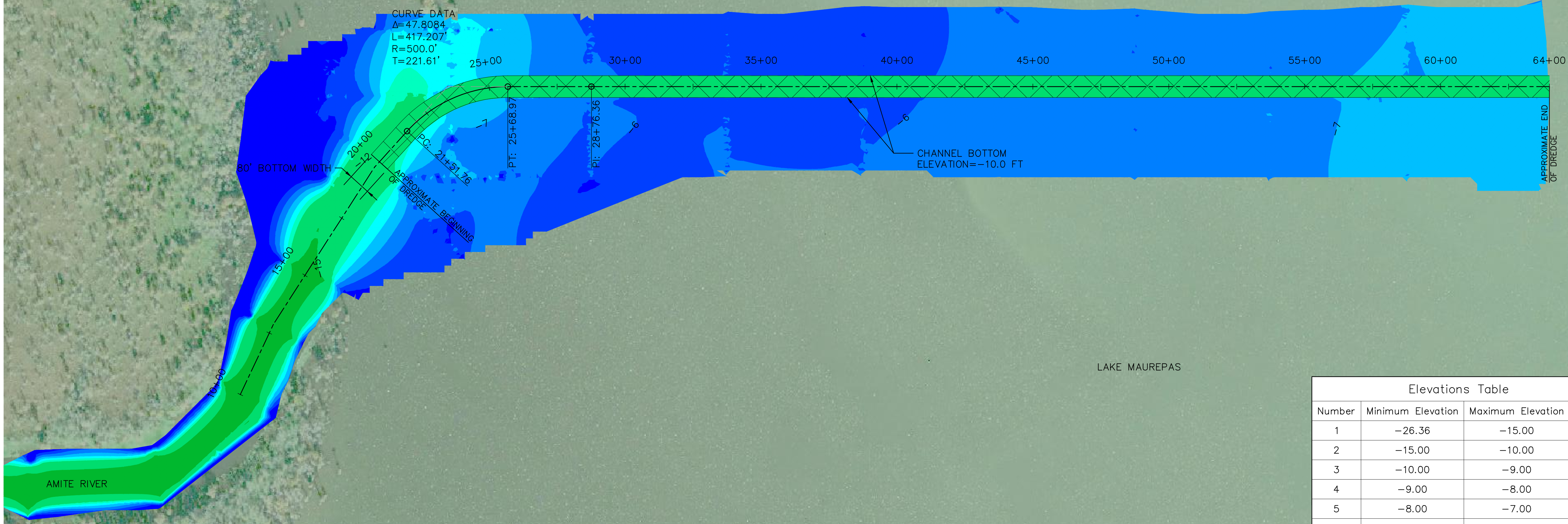
SHEET NUMBER	1				
DESIGNED	AT	CHECKED	BD	DETAILED	CHECKED
DATE	SCALE	DATE	SCALE	DATE	SCALE
		07/31/20			
EXISTING CONDITIONS PLAN VIEW					
ATTENTION: THIS IS AN ORIGINAL DRAWING. ON ORIGINAL DRAWING ADJUST SCALE IF THIS BAR ≠ 1" INCH.					
NO.	DATE	BY	REVISION DESCRIPTION		

C:\USERS\ANDRE\DROPBOX\LP AMITE BLIND RIVER DREDGING\TECH PROD\ENGINEERING AND DESIGN\CAD\AT WORKING\PRE_QC_AMITE_RIVER_DREDGING_SURVEY_GFS

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



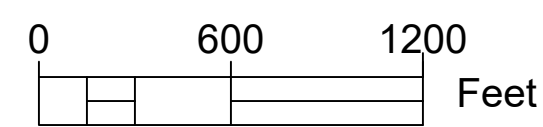
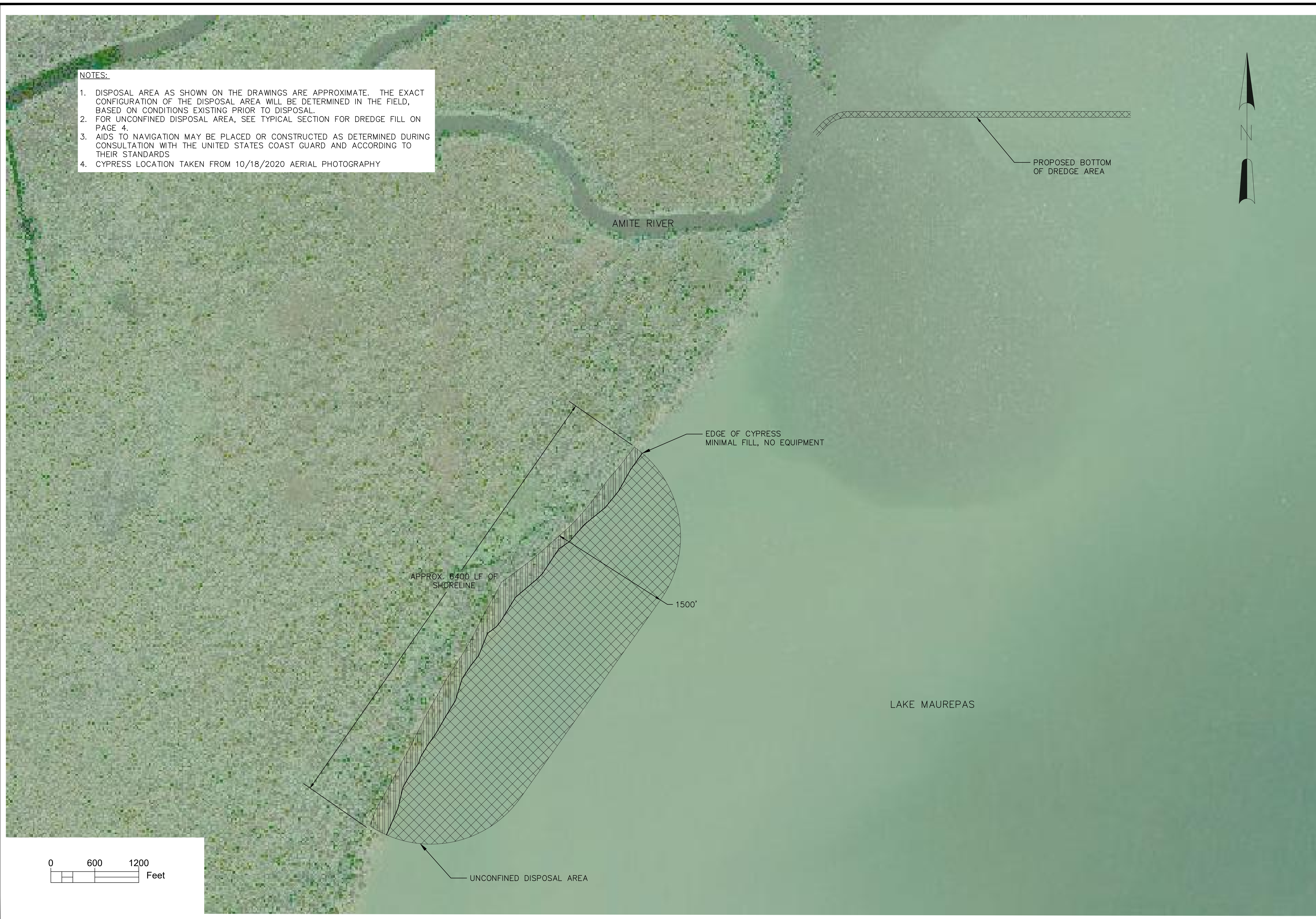
LAKE MAUREPAS

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

SHEET NUMBER		2	
AMITE RIVER DREDGE PLAN			
DESIGNED	AT	DETAILED	DATE
CHECKED	BD	CHECKED	07/31/20
SCALE		SCALE	
			
			
<small>ATTENTION: THIS ORIGINAL DRAWING IS TO BE USED AS SHOWN. ADJUST SCALE IF THIS BAR ≠ 1" INCH.</small>			
NO.	DATE	BY	REVISION DESCRIPTION

C:\USERS\ANDRE\DROPBOX\LP AMITE BLIND RIVER DREDGING\TECH_PROD\ENGINEERING AND DESIGN\CAD\AT WORKING\PRE_QC_AMITE_RIVER_DREDGING_SURVEY_GFS

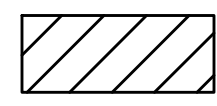
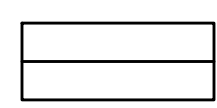
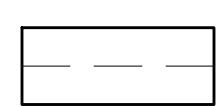
- NOTES:
1. DISPOSAL AREA AS SHOWN ON THE DRAWINGS ARE APPROXIMATE. THE EXACT CONFIGURATION OF THE DISPOSAL AREA WILL BE DETERMINED IN THE FIELD, BASED ON CONDITIONS EXISTING PRIOR TO DISPOSAL.
 2. FOR UNCONFINED DISPOSAL AREA, SEE TYPICAL SECTION FOR DREDGE FILL ON PAGE 4.
 3. AIDS TO NAVIGATION MAY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

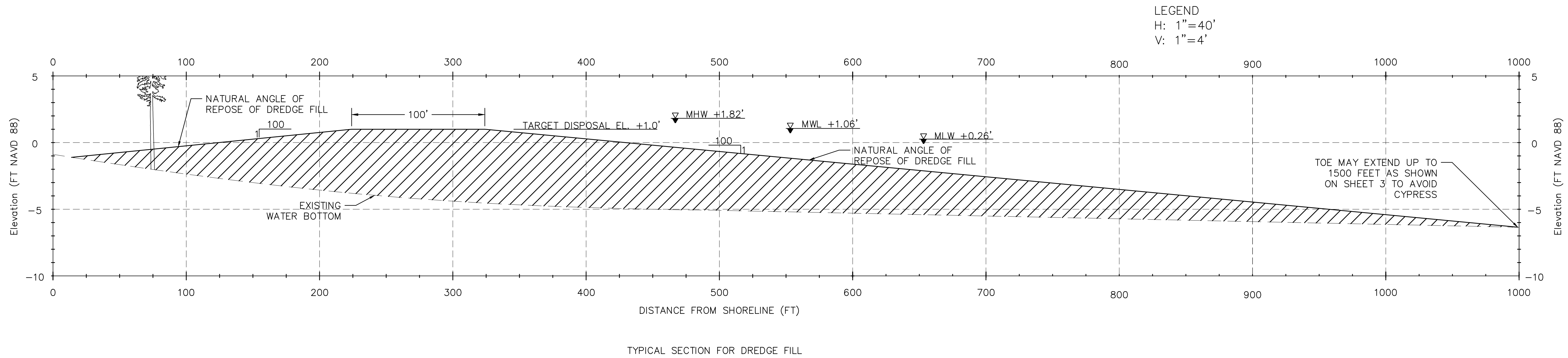


SHEET NUMBER		3	
AMITE PLAN-OVERALL			
DESIGNED	AT	DETAILED	DATE
CHECKED	BD	CHECKED	07/31/20
DATE	SCALE	SCALE	SCALE
ATTENTION: THIS IS AN ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.			
NO.	DATE	REVISION	DESCRIPTION

C:\USERS\ANDRE\DROPBOX\LP AMITE BLIND RIVER DREDGING\TECH_PROD\ENGINEERING AND DESIGN\CAD\AT WORKING\PRE_QC_AMITE_RIVER_DREDGING_SURVEY_GFS

LEGEND

-  DREDGE FILL
-  DESIGN
-  2020 SURVEY



TYPICAL SECTION FOR DREDGE FILL


NOTES:

1. AVERAGE DEPTH OF LAKEWARD CYPRESS IS APPROX. 2.0 FEET BASED ON 10/18/2020 AERIAL PHOTOGRAPHY. NO EQUIPMENT ACCESS SHOREWARD OF CYPRESS TREES

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

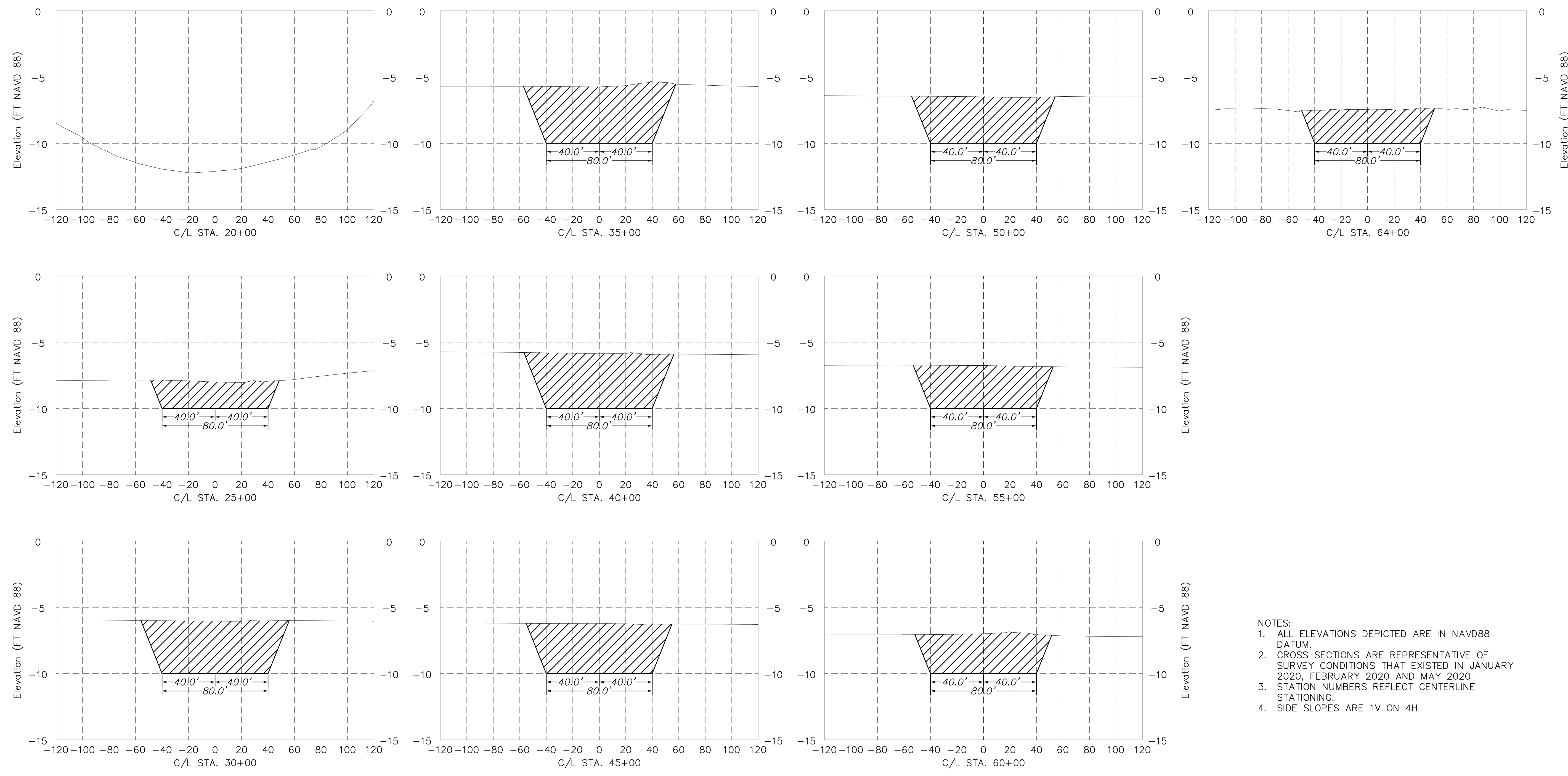
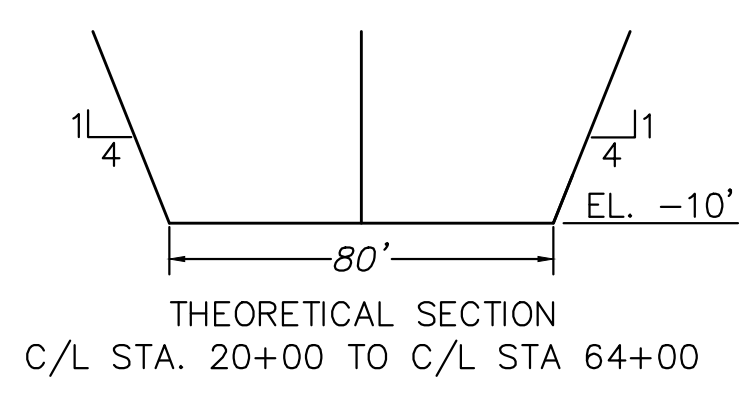


ATTENTION: ON ORIGINAL DRAWING ADJUST SCALE IF THIS BAR ≠ 1" = 1'



NO.	DATE	REVISION DESCRIPTION	BY

C:\USERS\ANDRE\DROPBOX\LP AMITE BLIND RIVER DREDGING\TECH_PROD\ENGINEERING AND DESIGN\CAD\AT WORKING\PRE_QC_AMITE_RIVER_DREDGING_SURVEY_GFS



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

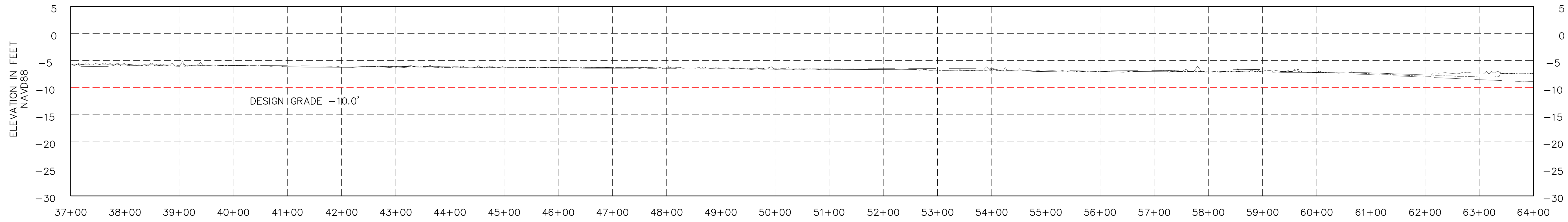
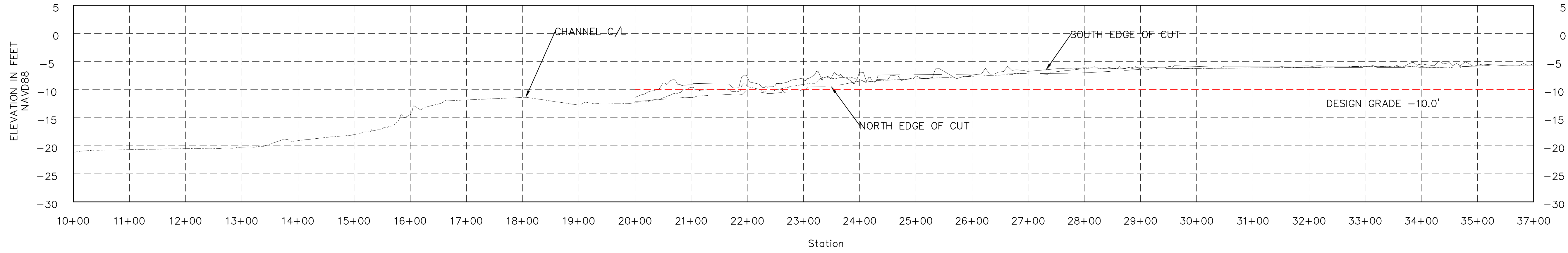
DESIGNED	AT	SCALE
CHECKED	BD	SCALE
DETAILED	CHECKED	DATE
CHECKED	CHECKED	07/31/20



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

NO.	DATE	GENERAL NOTES	REVISION	DESCRIPTION	BY

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



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



ATTENTION: ON ORIGINAL DRAWING ADJUST SCALE IF THIS BAR ≠ 1" INCH.

NO.	DATE	REVISION	DESCRIPTION	BY
			GENERAL NOTES	

LIVINGSTON PARISH, LOUISIANA

BLIND RIVER MAINTENANCE DREDGING

PARISH PROJECT NO. 9232, CFDA #15.435
JANUARY 2021

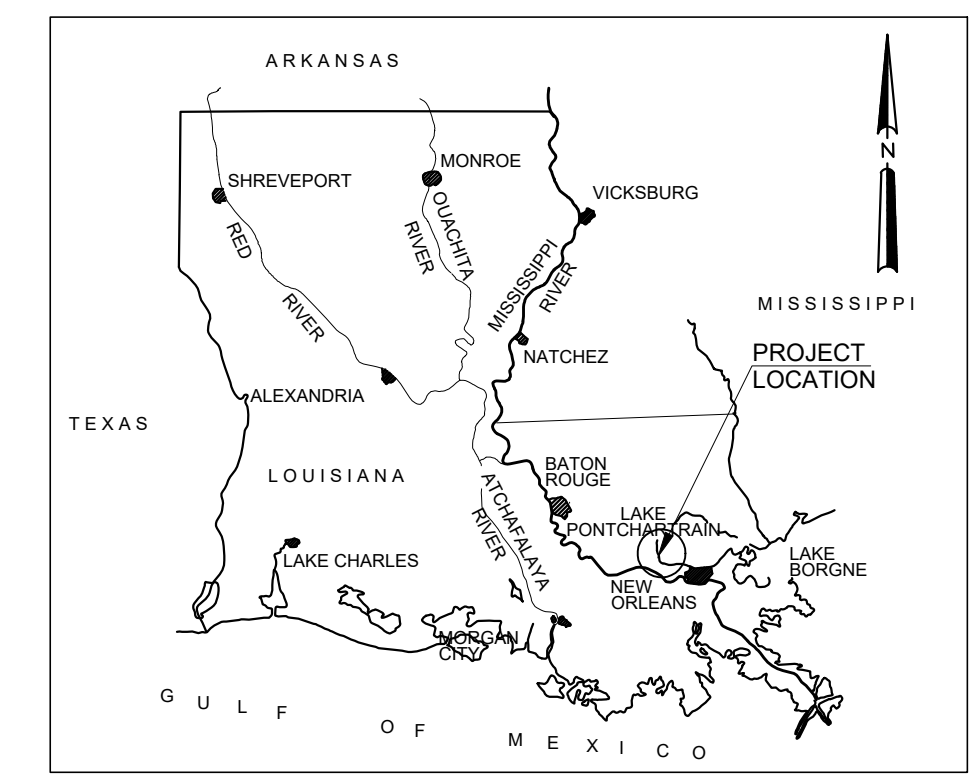
DESIGNED	CHECKED	DATE
DETAILED	CHECKED	SCALE



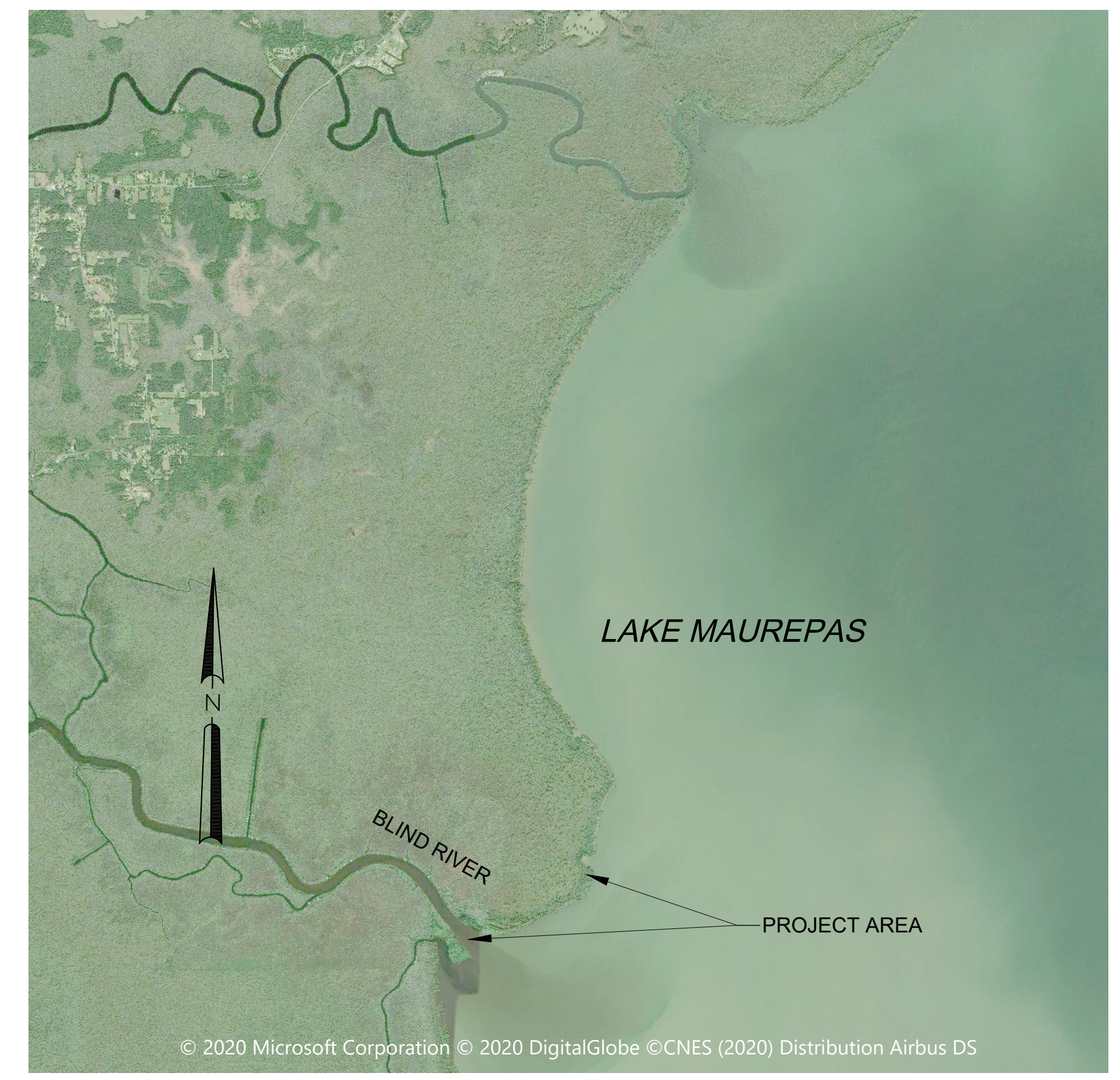
ATTENTION:
THIS BAR = 1" INCH
ADJUST SCALE IF THIS
BAR ≠ 1" INCH.

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
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

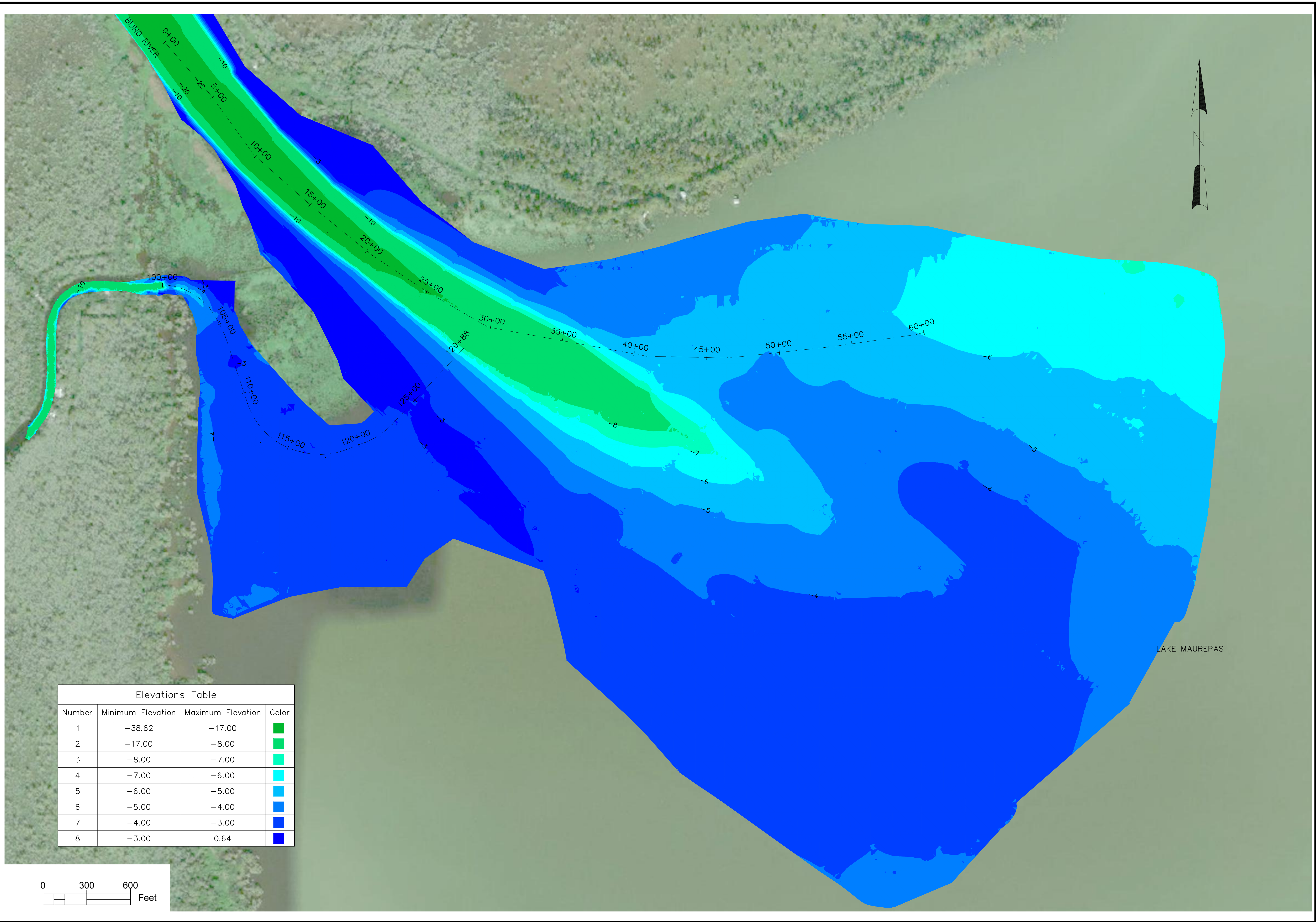
DATE



C:\USERS\ANDRE\DROPBOX\LP_AMITE Blind River Dredging\TECH_PROD\ENGINEERING AND DESIGN\CAD\AT WORKING\1_COVER (2) (BRENT DUET'S CONFLICTED COPY 2020-01-17)

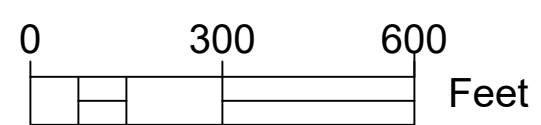
NO.	DATE	REVISION DESCRIPTION	BY

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



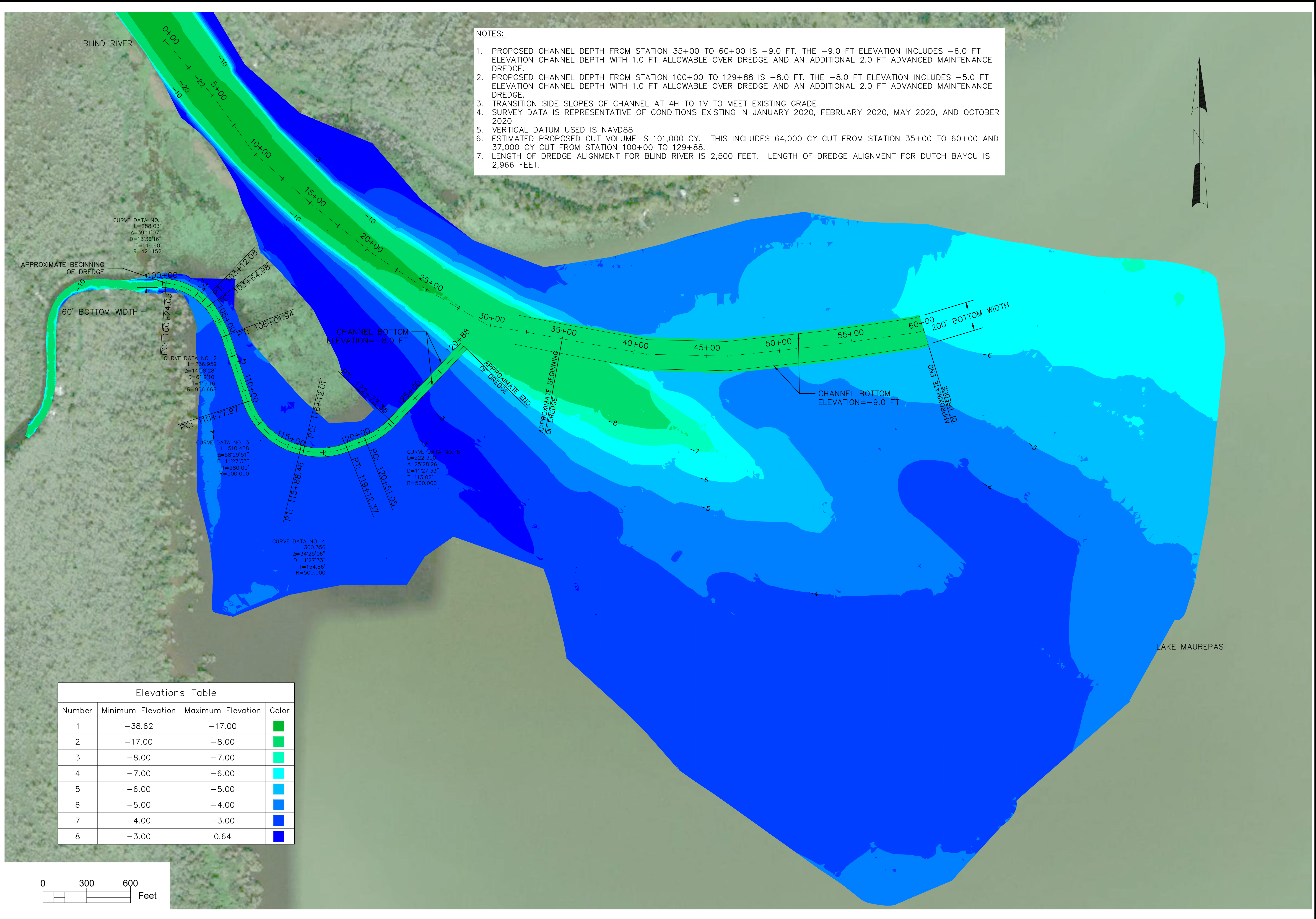
Elevations Table

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



SHEET NUMBER	1	EXISTING CONDITIONS PLAN VIEW	
DESIGNED	AT	CHECKED	BD
CHECKED	DATE	CHECKED	SCALE
DETAILED	07/31/20	CHECKED	SCALE
ATTENTION: THIS IS AN ORIGINAL DRAWING. PLEASE DO NOT ADJUST SCALE IF THIS BAR IS 1 INCH.			
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



- 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.

CURVE DATA NO.1
L=288.031
Δ=39°11'07"
D=13'36"1.6"
T=149.90'
R=421.152

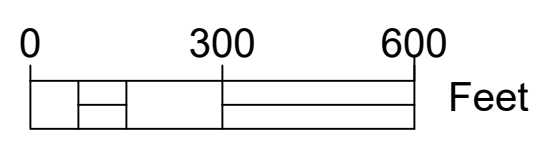
CURVE DATA NO. 2
L=236.959
Δ=14°58'28"
D=6°18'10"
T=119.16'
R=906.668

CURVE DATA NO. 3
L=510.488
Δ=58°29'51"
D=11°27'33"
T=280.00'
R=500.000



CURVE DATA NO. 4
L=300.356
Δ=34°25'06"
D=11°27'33"
T=154.86'
R=500.000

CURVE DATA NO. 5
L=222.300
Δ=25°28'26"
D=11°27'33"
T=113.02'
R=500.000

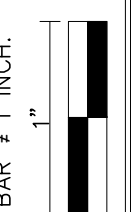
Number	Minimum Elevation	Maximum Elevation	Color
1	-38.62	-17.00	Green
2	-17.00	-8.00	Light Green
3	-8.00	-7.00	Yellow-Green
4	-7.00	-6.00	Yellow
5	-6.00	-5.00	Light Blue
6	-5.00	-4.00	Blue
7	-4.00	-3.00	Dark Blue
8	-3.00	0.64	Very Dark Blue



SHEET NUMBER	2	BLIND RIVER DREDGE PLAN
DESIGNED	AT	
CHECKED	BD	
DETAILED	CHECKED	
CHECKED	CHECKED	
DATE	SCALE	07/31/20

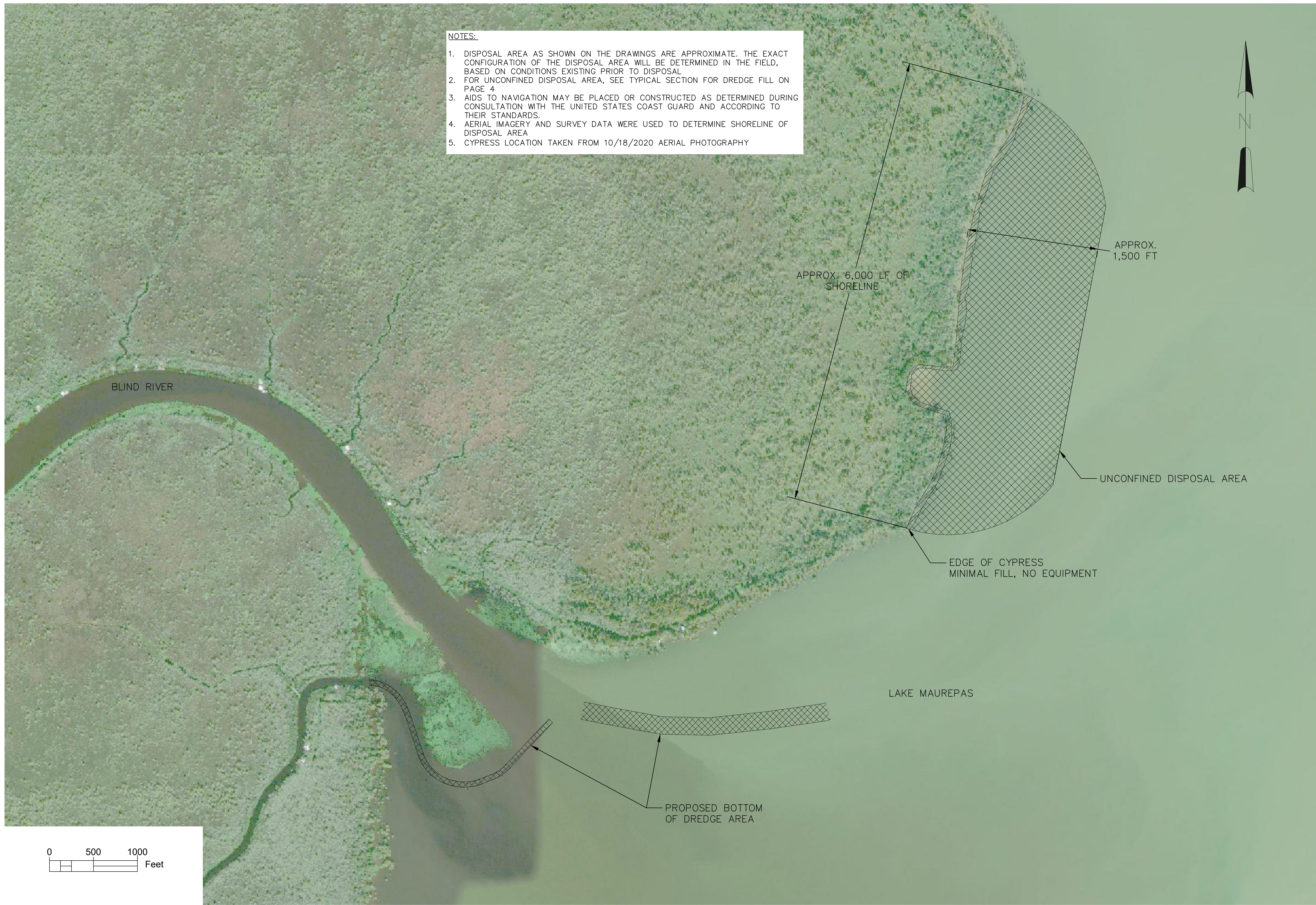
ATTENTION: THIS IS AN ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.



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

- 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



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

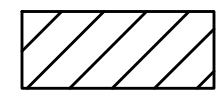
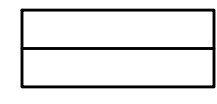
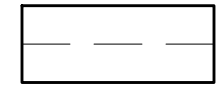


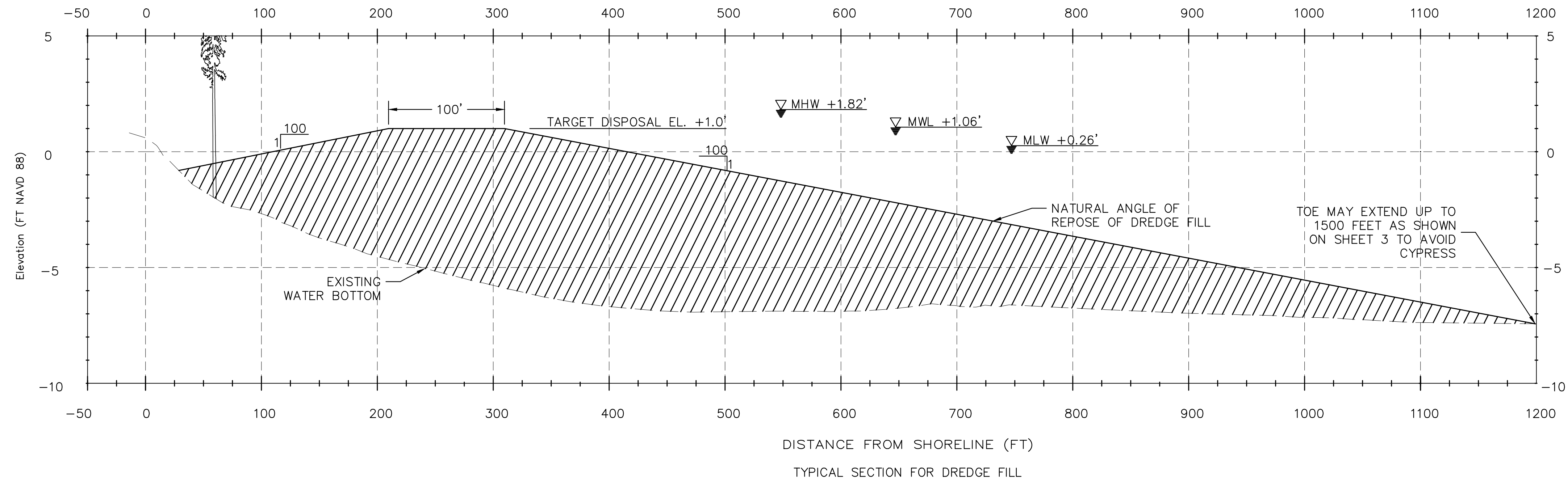
ATTENTION: THIS ORIGINAL DRAWING ON ADJUST SCALE IF THIS BAR ≠ 1" INCH.

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

LEGEND

-  DREDGE FILL
-  DESIGN
-  2020 SURVEY



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

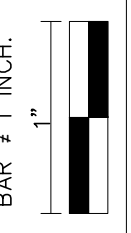
NOTES:

1. AVERAGE DEPTH OF LAKEWARD CYPRESS IS APPROX. 2.0 FEET BASED ON 10/18/2020 AERIAL PHOTOGRAPHY. NO EQUIPMENT ACCESS SHOREWARD OF CYPRESS TREES

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

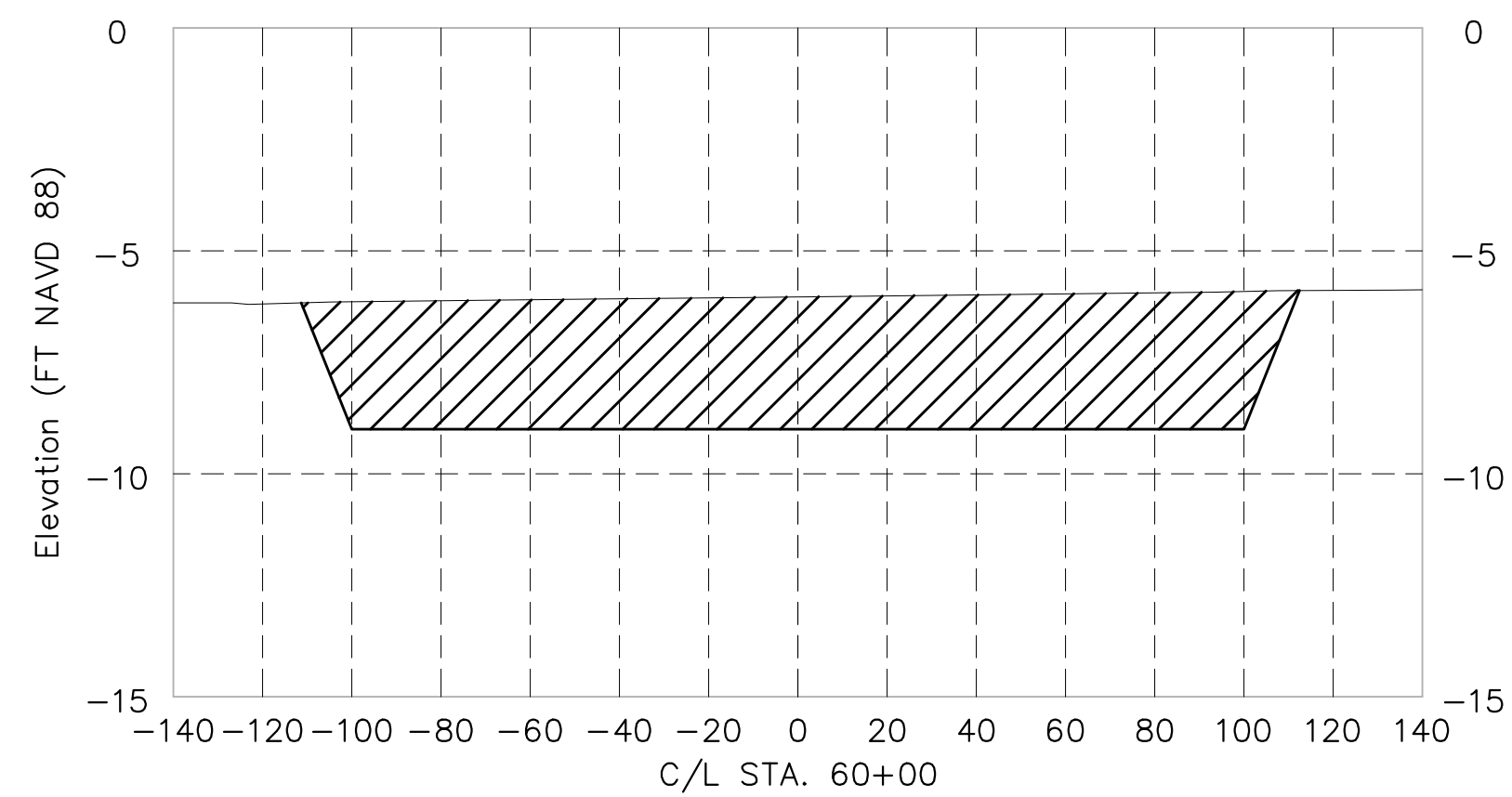
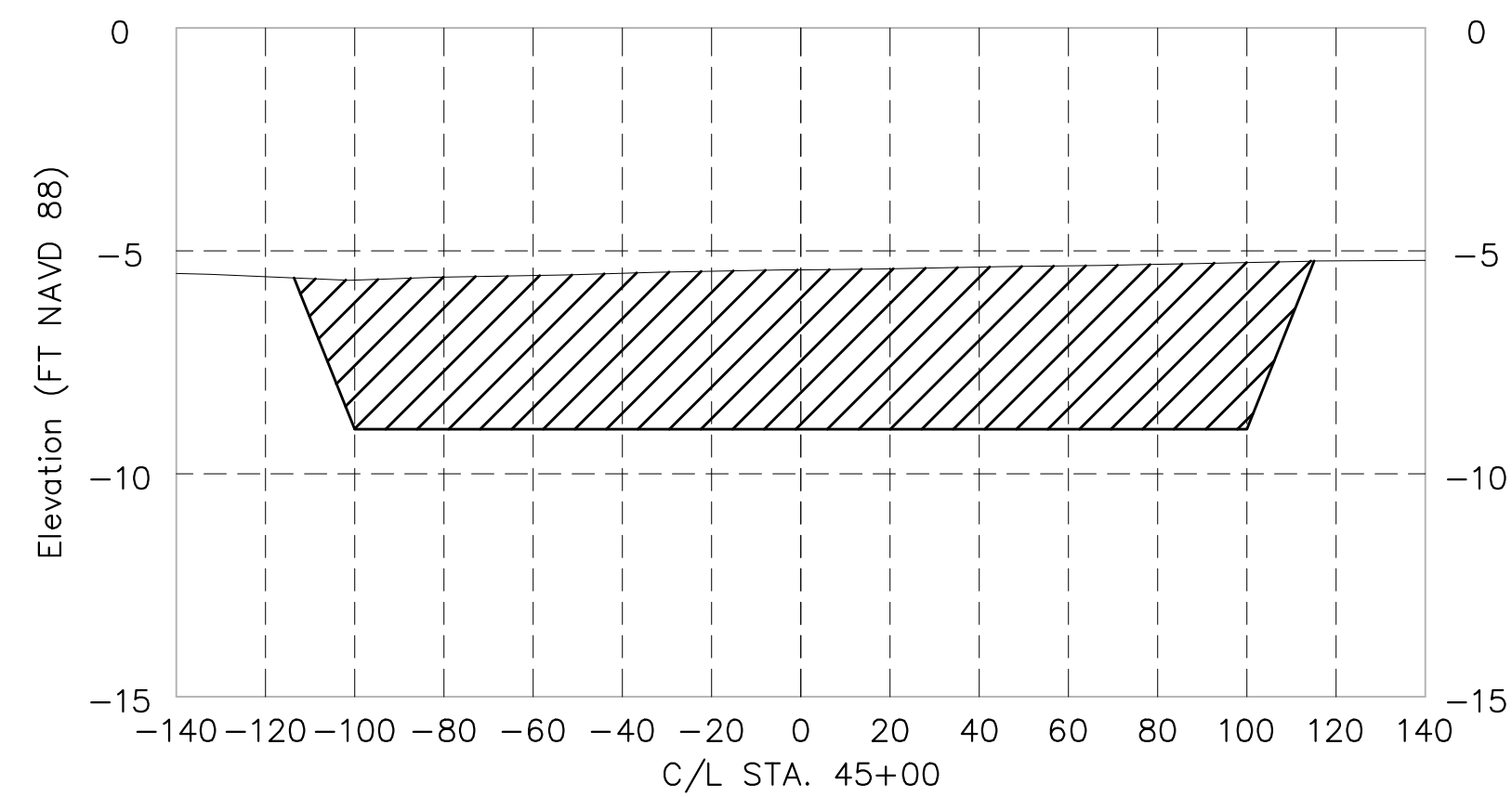
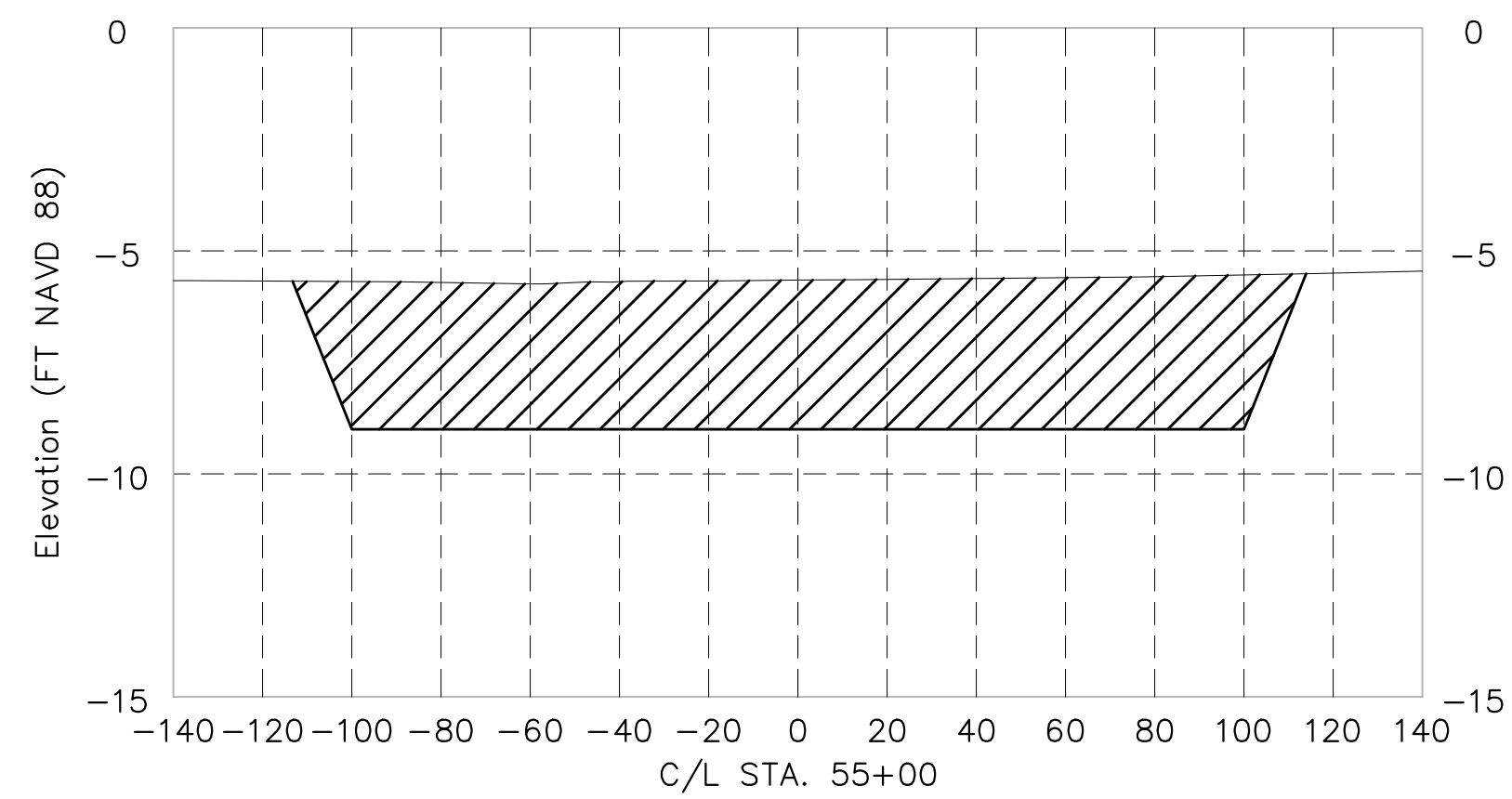
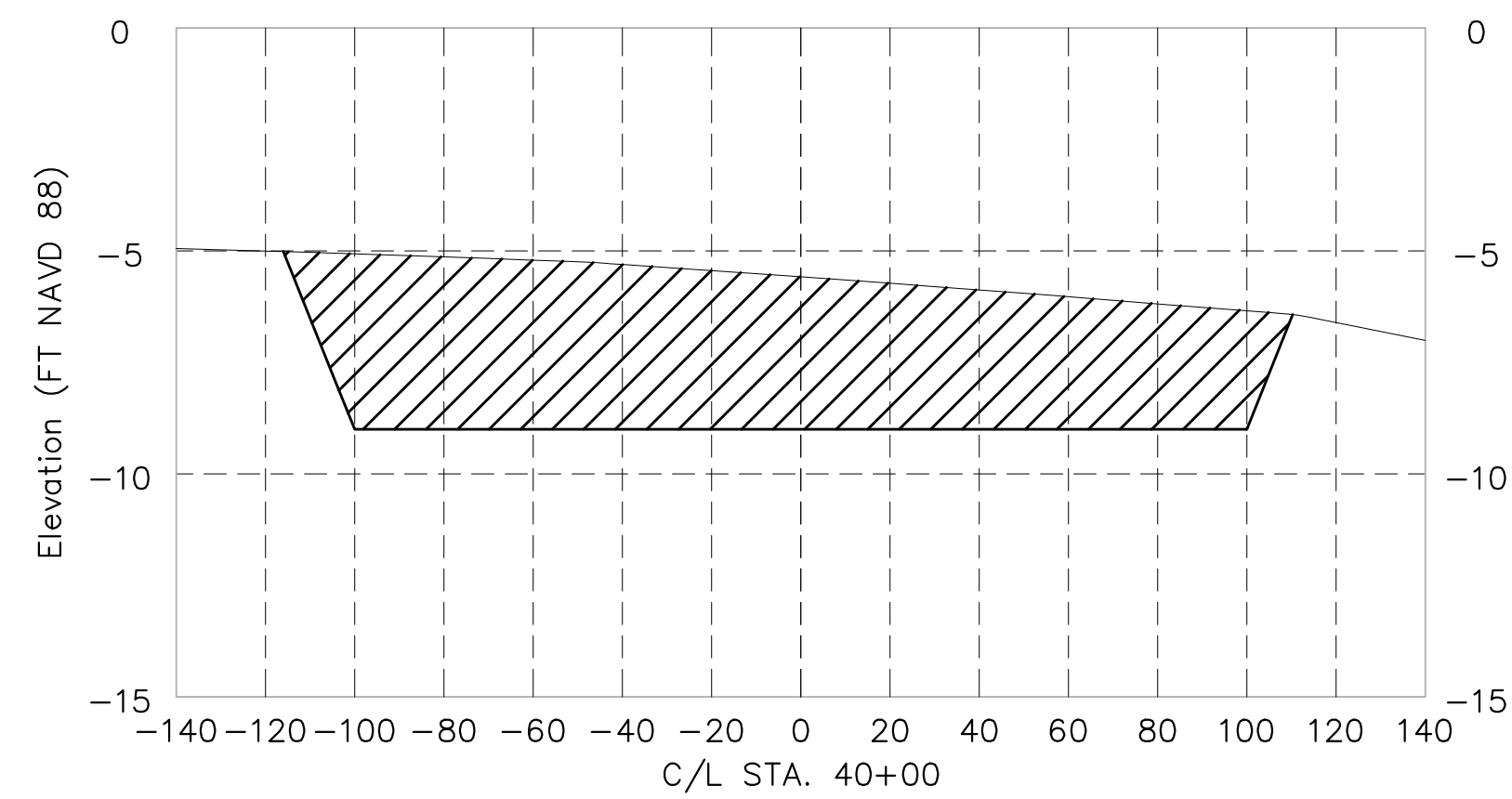
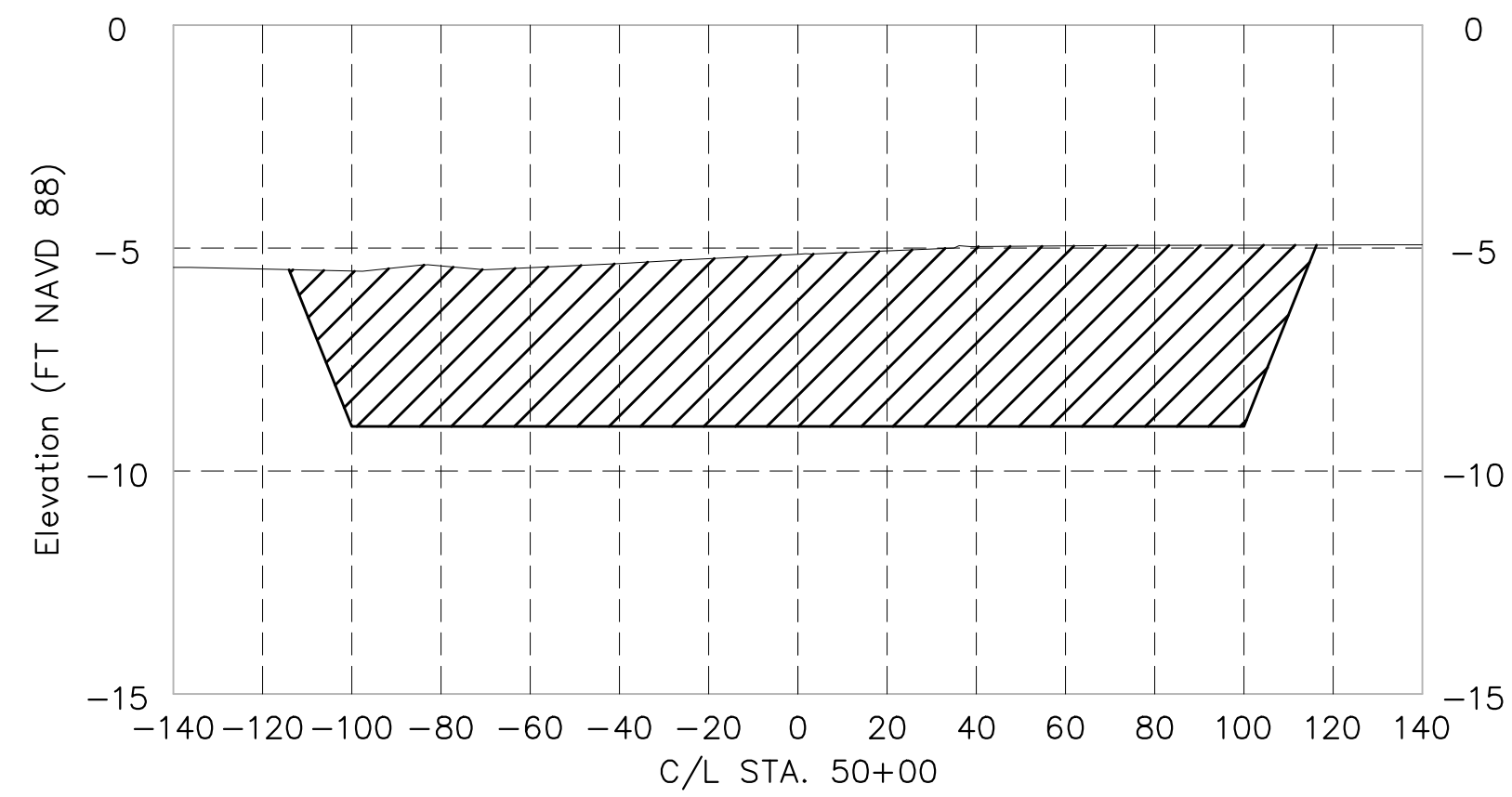
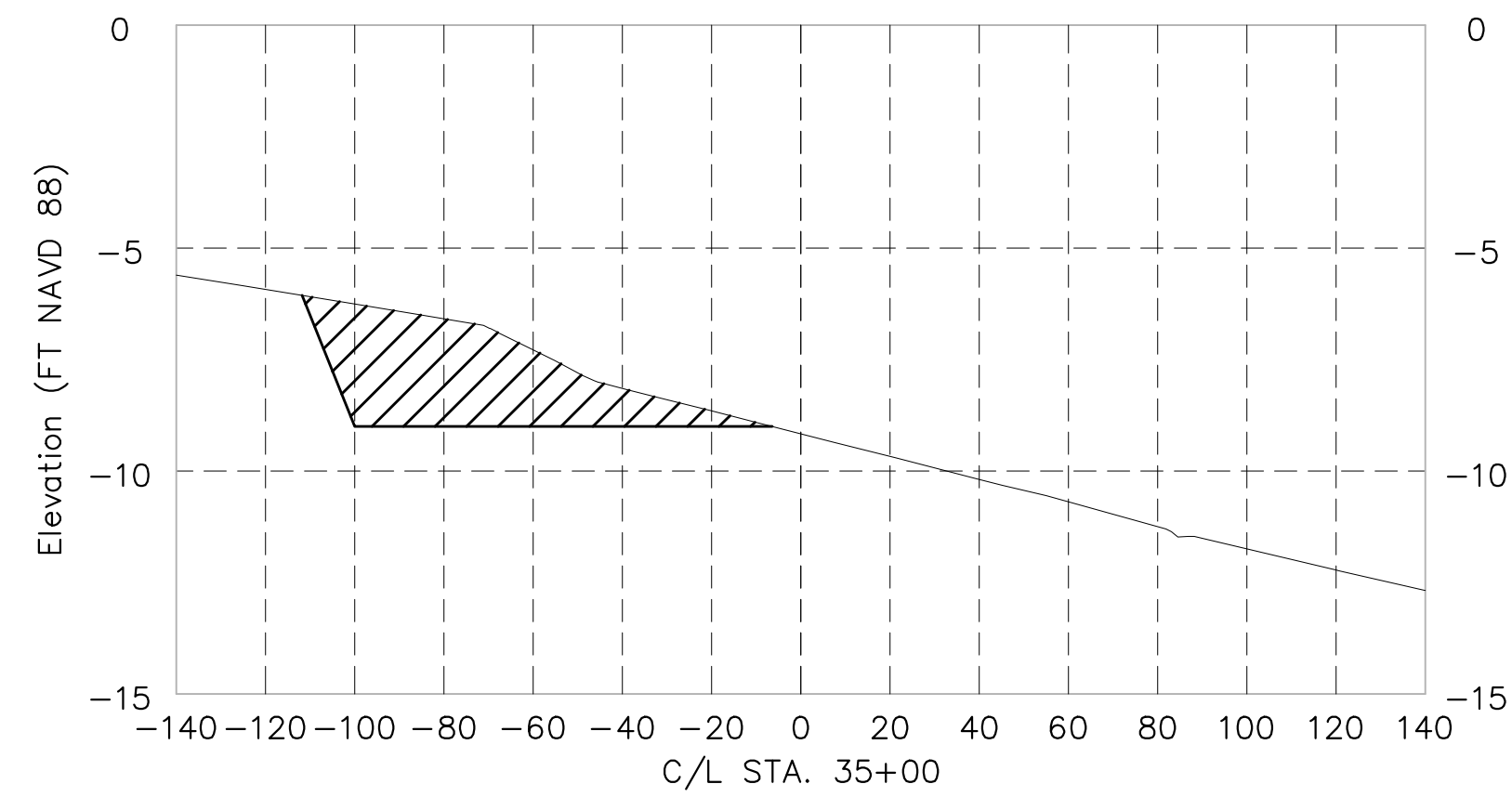
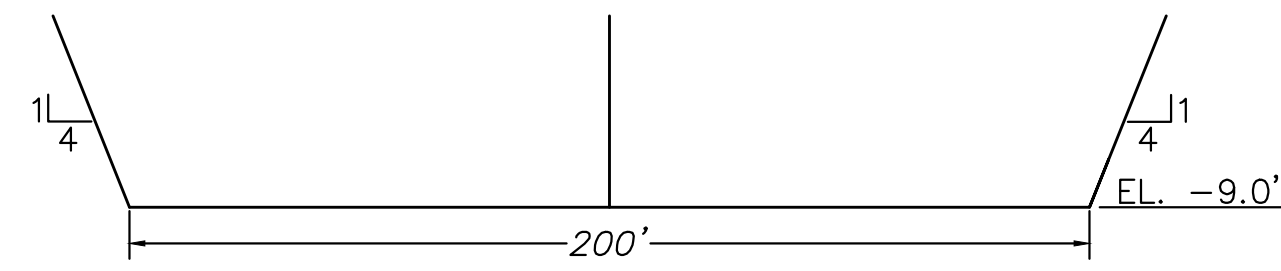


ATTENTION: THIS IS AN ORIGINAL DRAWING. ADJUST SCALE IF THIS BAR ≠ 1 INCH.



NO.	DATE	REVISION DESCRIPTION	BY

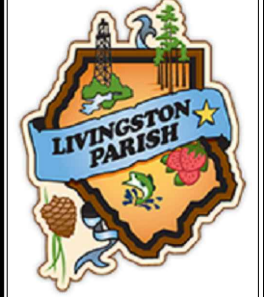
C:\USERS\ANDRE\DROPBOX\LP AMITE BLIND RIVER DREDGING\TECH_PROD\ENGINEERING AND DESIGN\CAD\AT WORKING\PRE_QC\BLIND RIVER DREDGING SURVEY GPS_HYDRO_073120



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

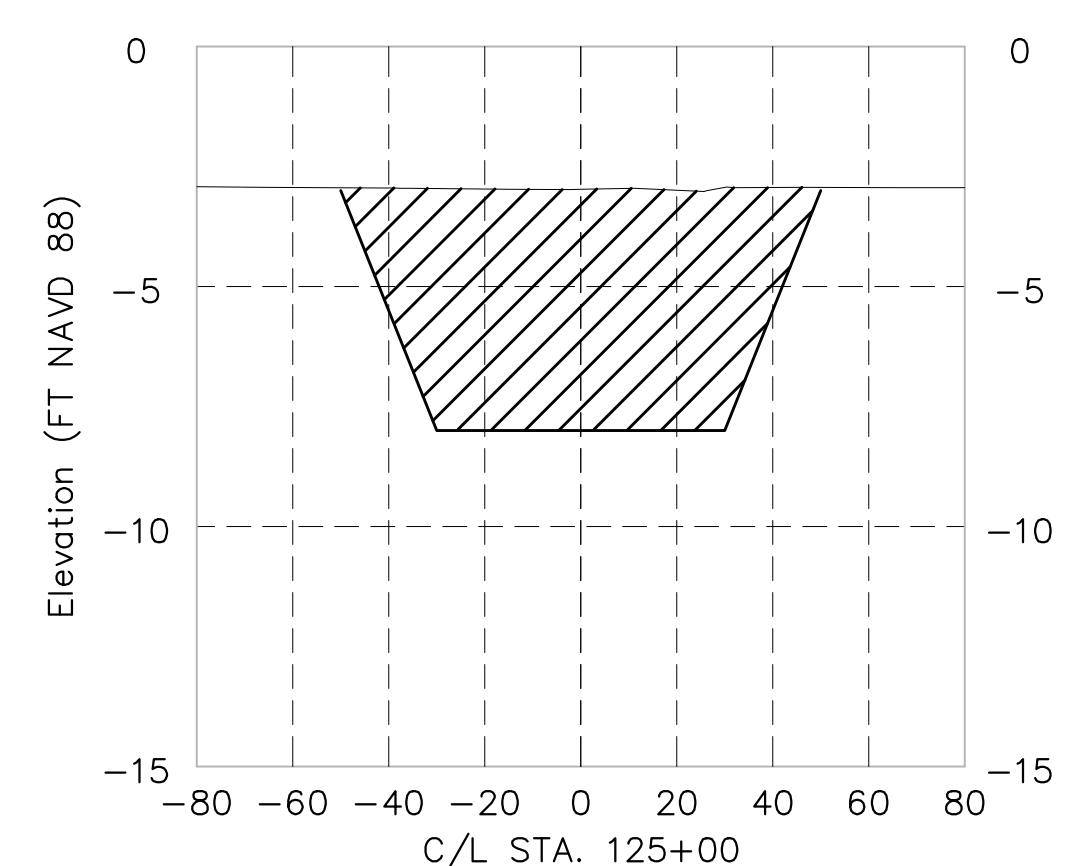
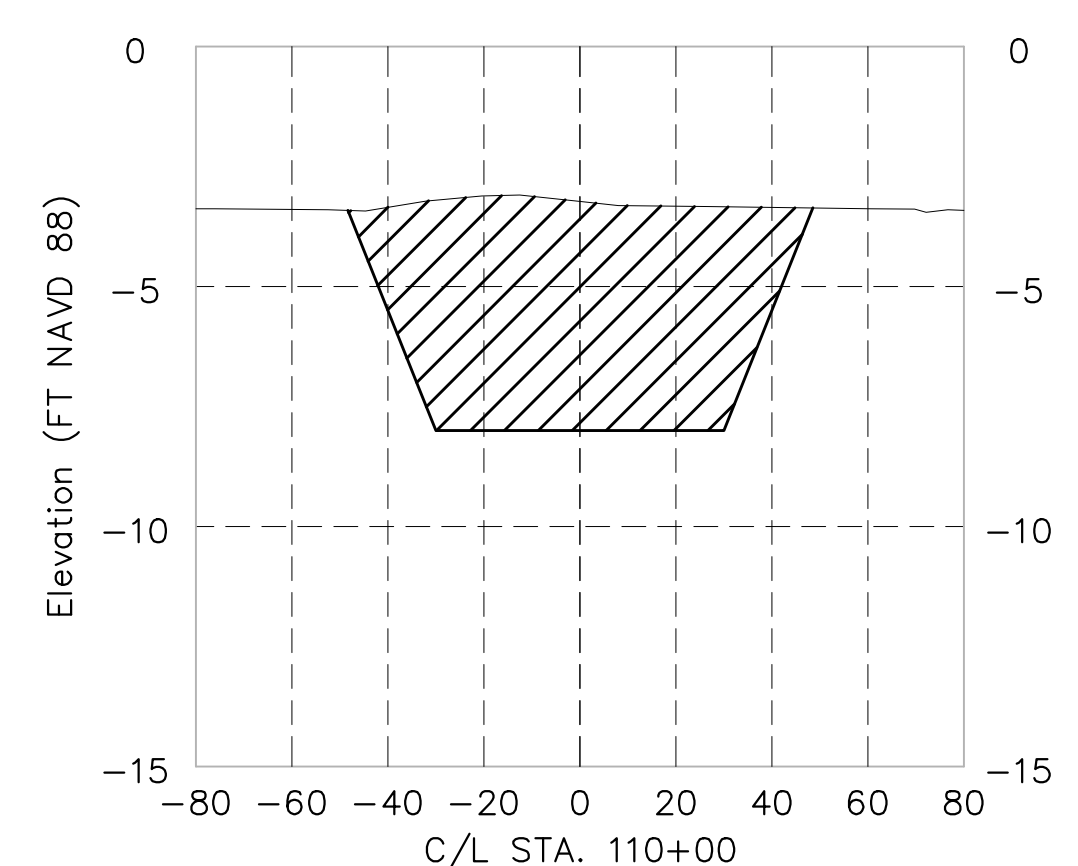
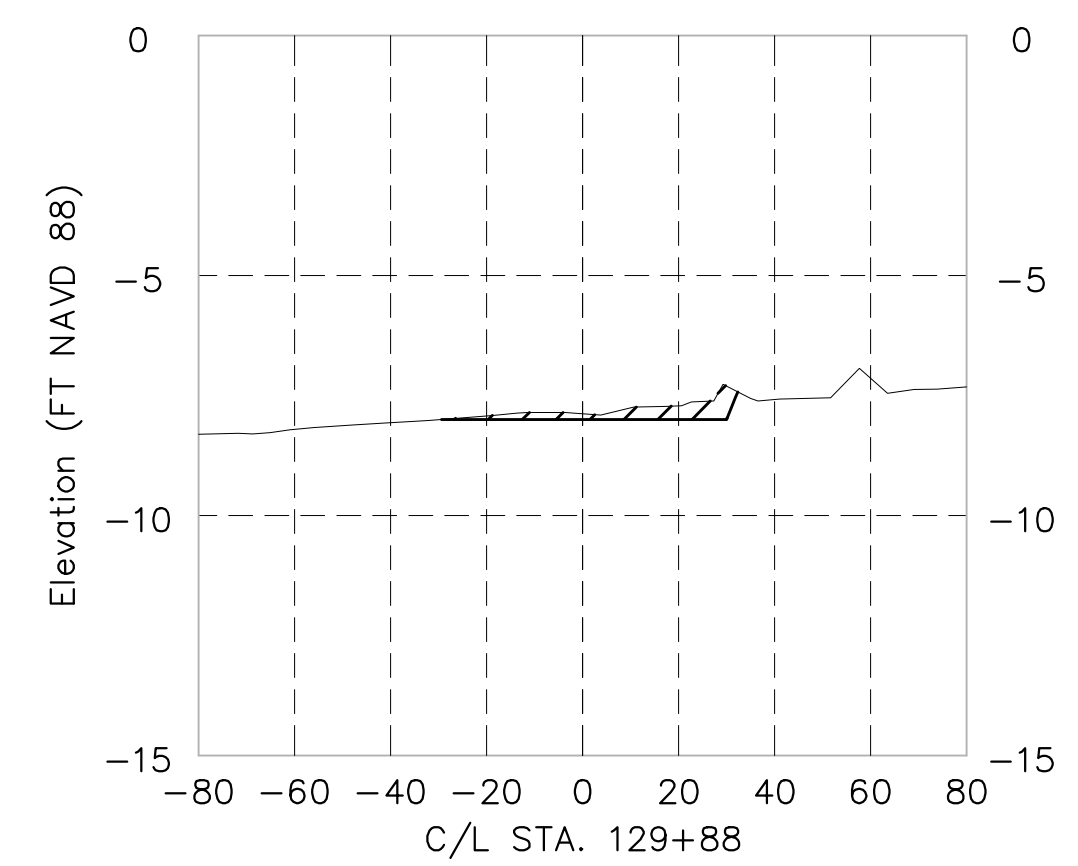
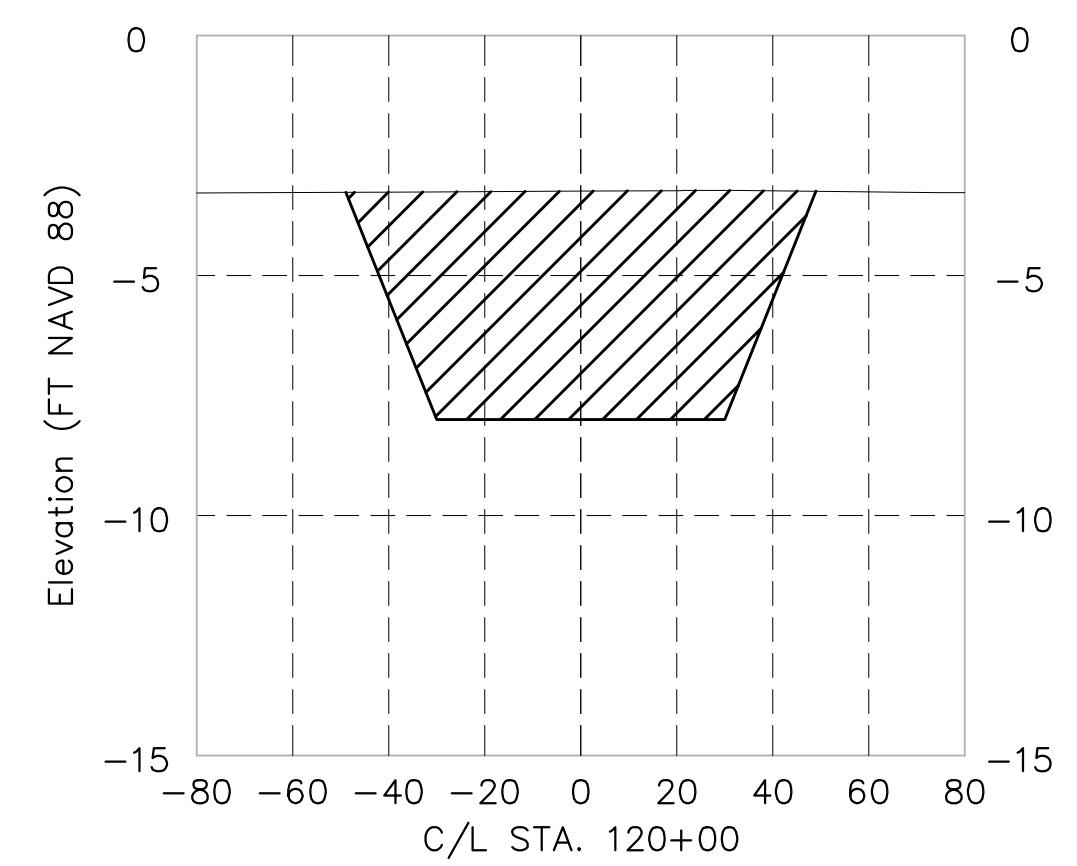
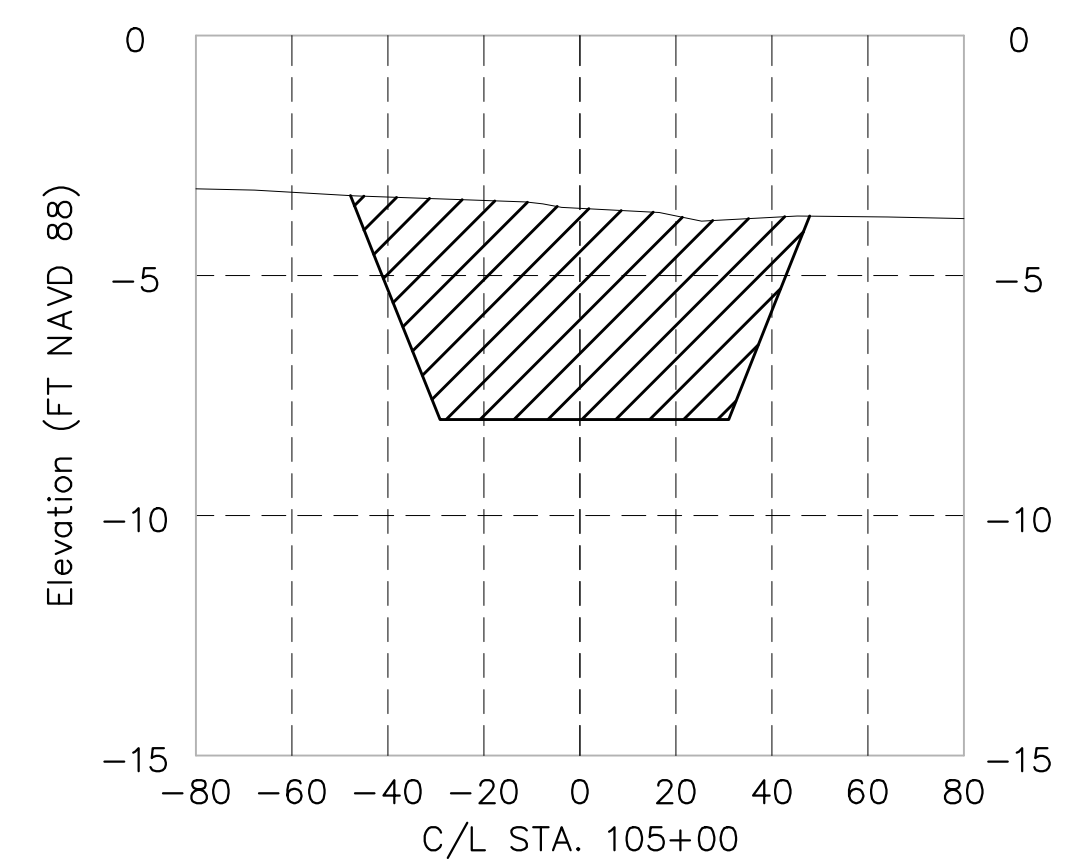
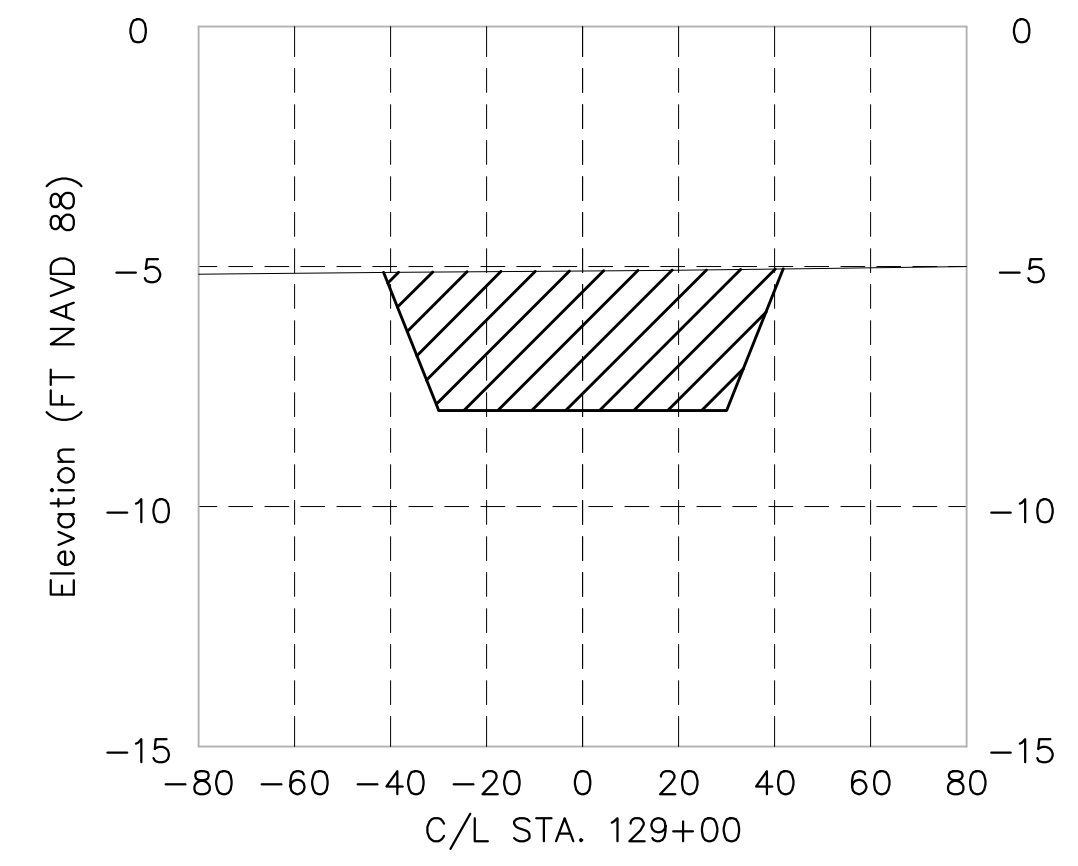
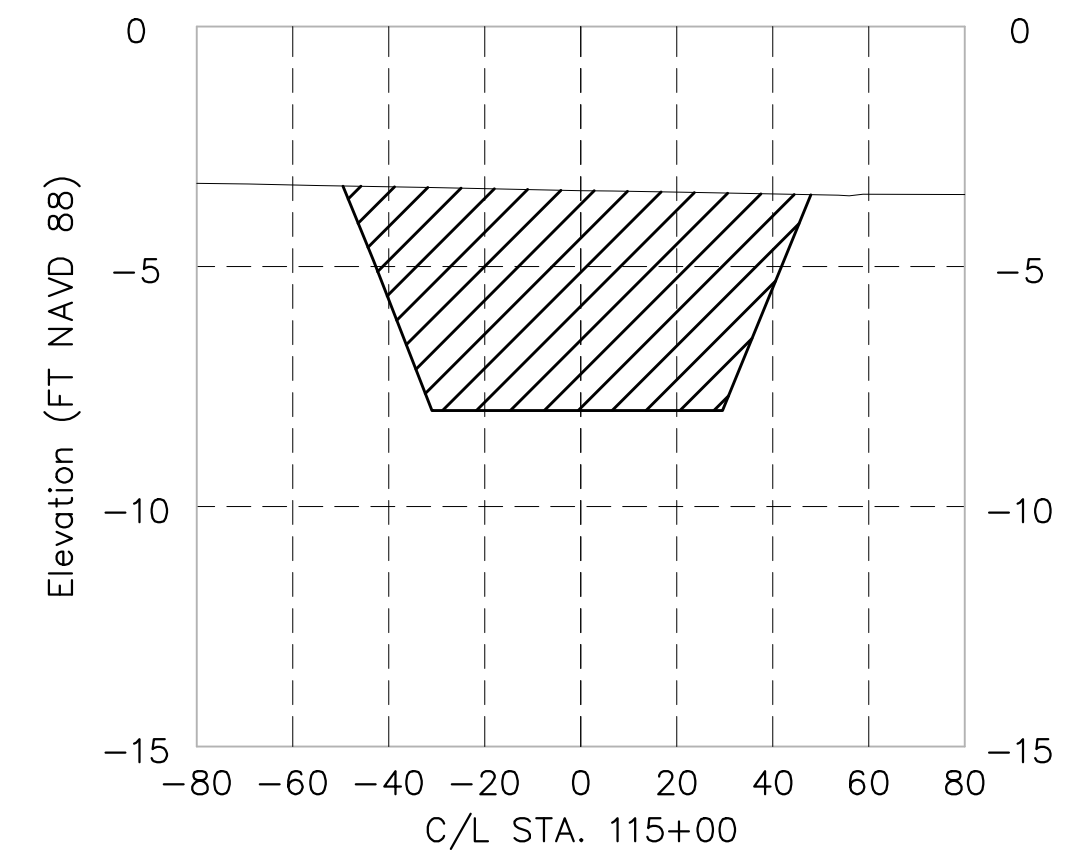
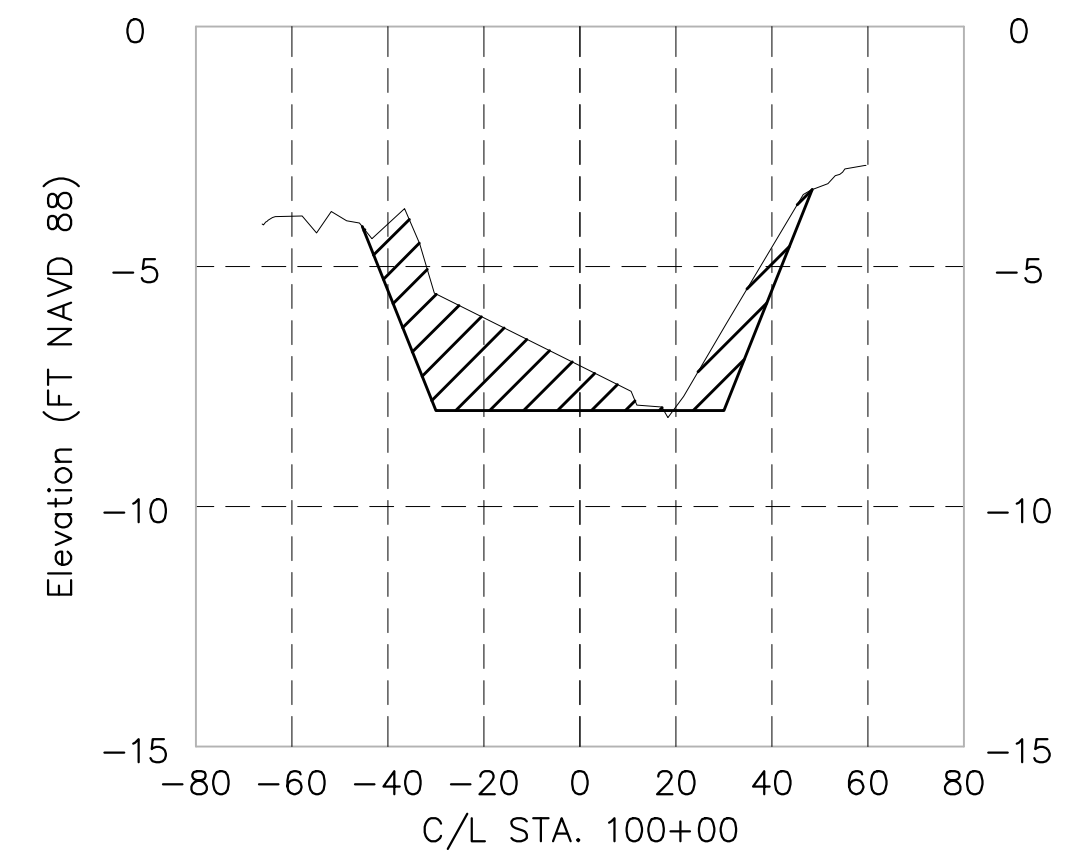
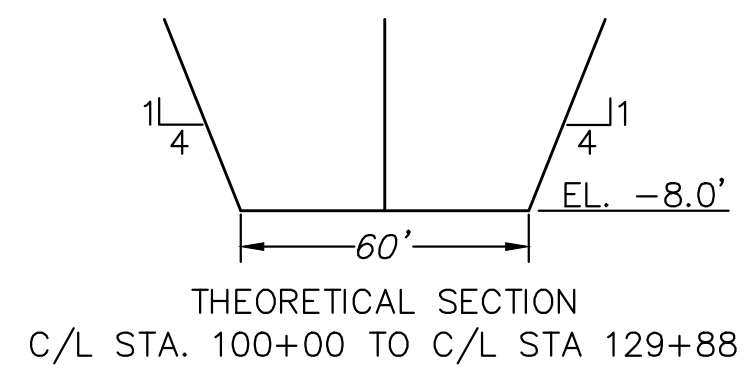
DESIGNED	AT	SCALE
CHECKED	BD	SCALE
DETAILED	CHECKED	DATE
CHECKED	CHECKED	07/31/20



ATTENTION: ON THIS ORIGINAL DRAWING ADJUST SCALE IF THIS BAR ≠ 1" INCH.

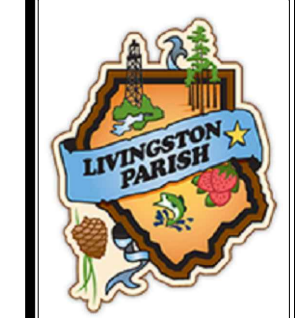
NO.	DATE	REVISION DESCRIPTION	BY

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



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

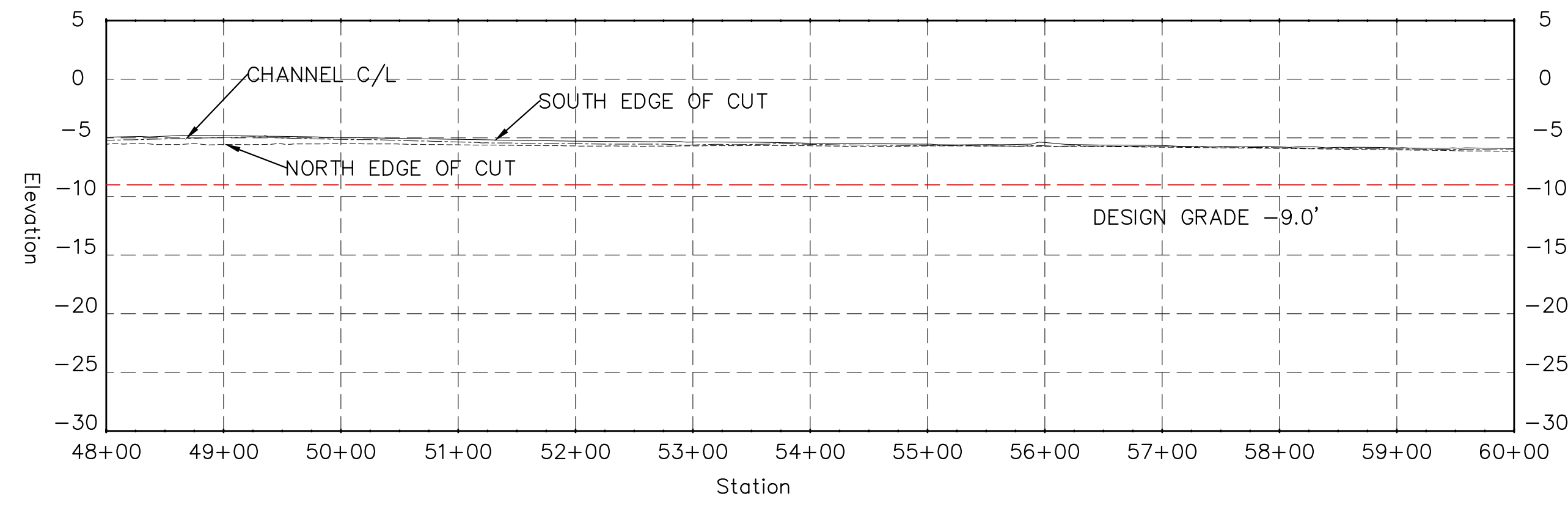
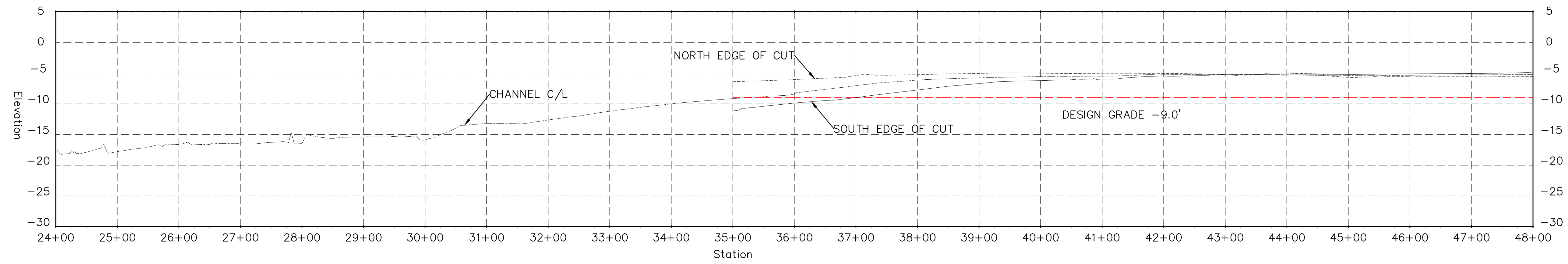
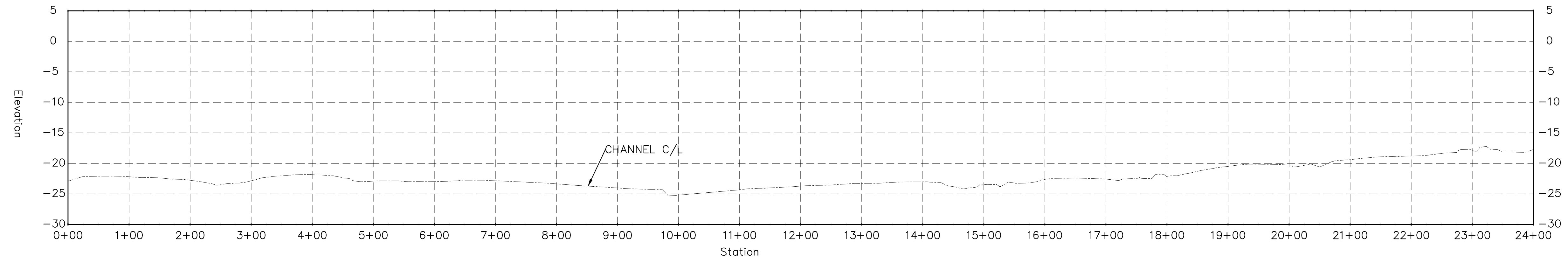
DESIGNED	AT	SCALE
CHECKED	BD	SCALE
DETAILED	CHECKED	DATE
CHECKED	CHECKED	07/31/20



ATTENTION: THIS IS A PRELIMINARY DRAWING. ON ORIGINAL DRAWING ADJUST SCALE IF THIS BAR ≠ 1" INCH.

NO.	DATE	REVISION DESCRIPTION	BY

- 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



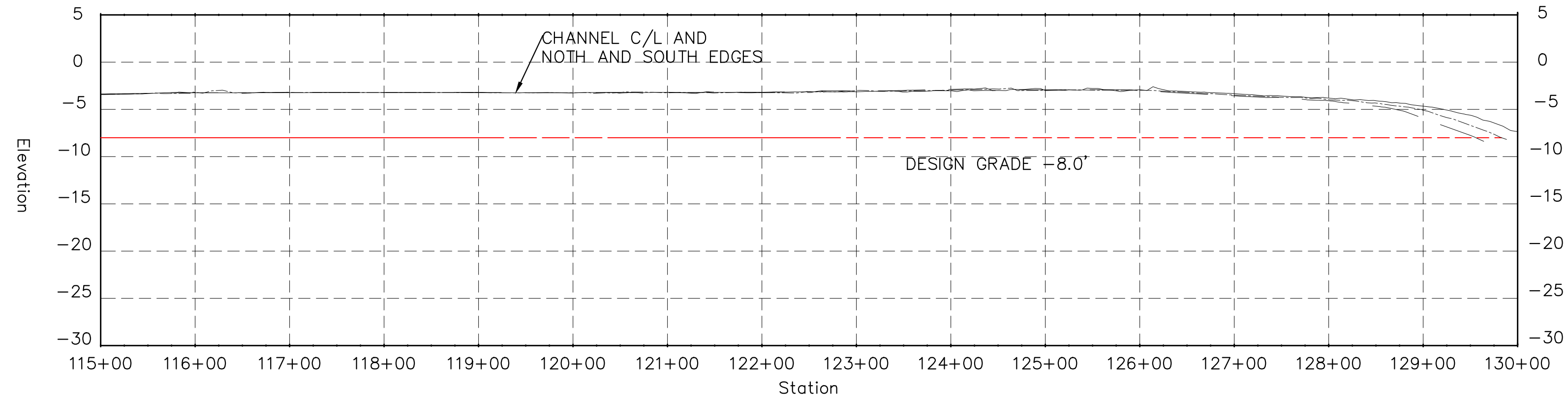
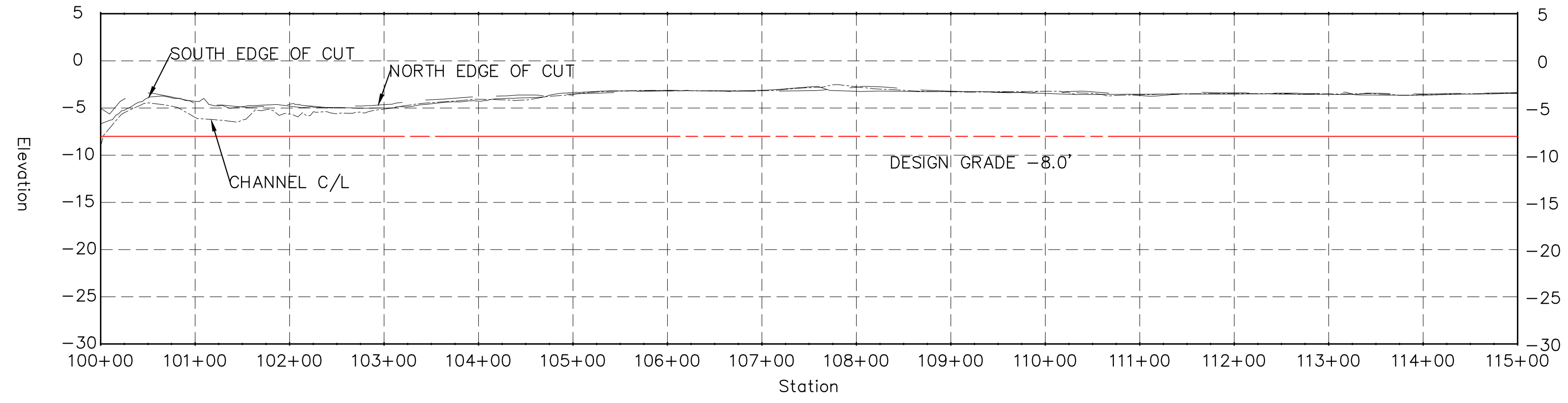
LEGEND
H: 1"=100'
V: 1"=10'

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



ATTENTION: THIS IS A PRELIMINARY DRAFT. DO NOT USE FOR CONSTRUCTION. ADJUST SCALE IF THIS BAR ≠ 1 INCH.

NO.	DATE	REVISION DESCRIPTION	BY



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

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



ATTENTION: THIS IS A PRELIMINARY DRAWING. ON ORIGINAL DRAWING, ADJUST SCALE IF THIS BAR ≠ 1" INCH.

NO.	DATE	REVISION DESCRIPTION	BY