



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

April 15, 2024

Regulatory Division
Central Evaluation Branch

Project Manager:
Jamie Crowe
(504) 862-2675
Jamie.M.Crowe@usace.army.mil
Application #: MVN-2023-00673-CO

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 FLOOD PROTECTION LEVEE IN LAFOURCHE PARISH

NAME OF APPLICANT: North Lafourche Levee District, c/o Delta Coast LLC, Attn: Kenneth King, 4924 highway 311, Houma, Louisiana 70360.

LOCATION OF WORK: Beginning at Lat: 29.66083. Long: -90.49500, extending southeasterly and ending at Lat: 29.63694. Long: -90.46972 Louisiana, in Lafourche Parish, within the West-Central Louisiana Coastal hydrologic unit (HUC 08090301), as shown on the attached drawings.

CHARACTER OF WORK: The applicant has requested a Department of the Army authorization to clear, grade, excavate, and fill an area to construct 13,420 linear feet of flood protection levee. Approximately 62,231 cubic yards of excavated material, 198,795 cubic yards of hauled-in fill material and 119 cubic yards of rip rap will be deposited to construct the proposed levee. A Preliminary analysis has determined that the proposed project would result in approximately 20 acres of direct impacts to wetlands and potentially up to 10 acres of indirect impacts to wetlands. However, the extent of coverage and impacts is undetermined at this time pending a wetland delineation.

MITIGATION: The applicant states that the proposed project has been designed to avoid and minimize direct and secondary adverse impacts to the maximum extent practicable. Any further reduction in the levee footprint would not achieve the desired results. As compensation for unavoidable wetland impacts, the applicant proposes to purchase credits from a corps approved mitigation bank.

The comment period for the requested 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 request, and must be submitted 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 can be preferably emailed to the Corps of Engineer's project manager listed above or forwarded to the Corps of Engineers at the address above, **ATTENTION: REGULATORY DIVISION, RGC, Jamie Crowe**. Individuals or parties may also request an extension of time in which to comment on the proposed work by mail or preferably by emailing the specified project manager listed above. Any request for an extension of time to comment must be specific and substantively supportive of the requested extension and received by this office prior to the end of the initial comment end of the initial comment period. The Branch Chief will review the request and the requester will be promptly notified of the decision to grant or deny the request. If granted, the time extension will be continuous and inclusive of the initial comment period and will not exceed a total of 30 calendar days. This public notice is also available for review online at <https://go.usa.gov/xennJ>

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. Further, all factors that may be relevant to the proposal will be considered, including the potential cumulative effects associated with the proposed project.

The New Orleans District is presently unaware of properties listed on the National Register of Historic Places near the proposed work but is pending further review in accordance with the National Historic Preservation Act. The possibility exists that the proposed work may damage or destroy presently unknown archeological, scientific,

prehistorical, historical sites, or data. As deemed necessary, copies of this public notice will be sent to the State Archeologist, State Historic Preservation Officer, and federally listed tribes regarding potential impacts to cultural resources.

Our initial finding is that the proposed work would have no effect on any species listed as endangered by the U.S. Department of Commerce, nor affect any habitat designated as critical to the survival and recovery of any endangered species.

Based on the Information Planning and Consultation (IPaC) tool for Endangered Species in Louisiana, as signed on January 27, 2020, between the U.S. Army Corps of Engineers, New Orleans District (CEMVN) and the U.S. Fish and Wildlife Service, CEMVN has determined that the project is not likely to adversely affect the west Indian manatee (*Trichechus manatus*) provided *Standard Manatee Conditions for In-Water activities* are included in the authorization. The proposed activity would have no effect to any other species listed as endangered by the U.S. Fish and Wildlife Service, nor affect any habitat designated as critical to the survival and recovery of any such 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 **52.35** 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 before a permit is issued.

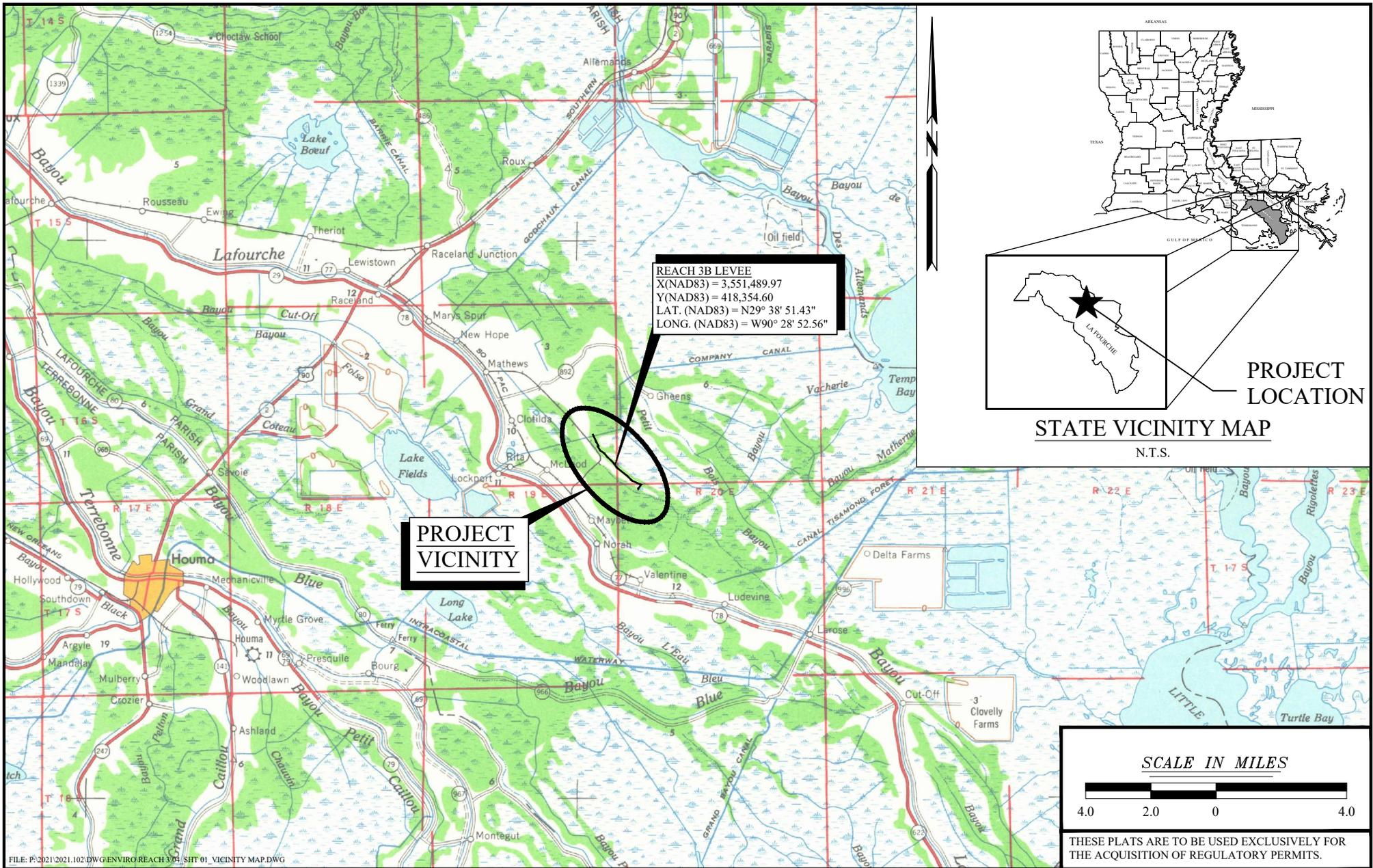
Any person may request, (preferably by email to the project manager, or in writing), within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

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 P20230318). 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 invited to communicate the information contained in this notice to any other parties whom you deem likely to have interest in the matter.

John M. Herman
Chief, Central Evaluation Branch
Regulatory Division

Enclosures



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NO.	REVISION	DATE
01	REVISED PER COMMENTS	5/12/23
02	REVISED PER COMMENTS	9/26/23
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VICINITY MAP

NORTH LAFOURCHE LEVEE DISTRICT
 MORGANZA TO THE GULF
 HURRICANE PROTECTION LEVEE SYSTEM
 LOCKPORT TO LAROSE SEGMENT - REACH 3B
 LEVEE IMPROVEMENTS
 LAFOURCHE PARISH, LA

LOCKPORT, LOUISIANA LAFOURCHE PARISH



**DELTA COAST
CONSULTANTS, LLC**

631 S. HOLLYWOOD RD.
HOUMA, LA 70360

PHONE: 985-655-3100 www.deltacoastllc.com

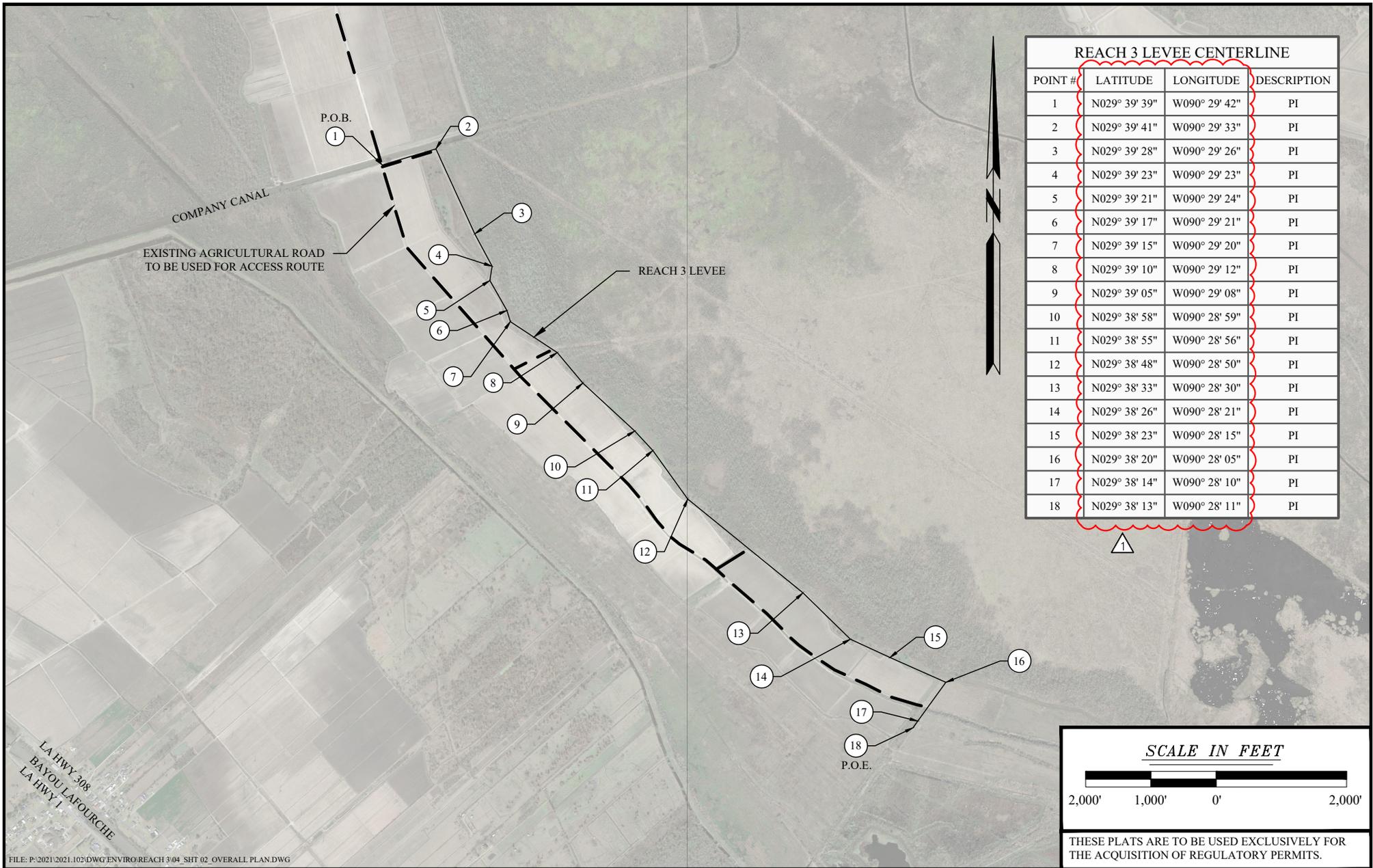
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DATE
3/22/23

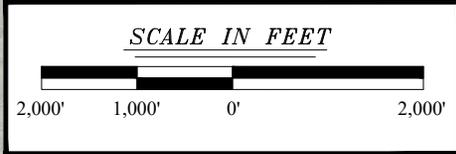
PROJECT
2021.102

SHEET NO.
1 OF 20

DESIGNED BY	DRAWN BY EMV	CHECKED BY KJK
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REACH 3 LEVEE CENTERLINE			
POINT #	LATITUDE	LONGITUDE	DESCRIPTION
1	N029° 39' 39"	W090° 29' 42"	PI
2	N029° 39' 41"	W090° 29' 33"	PI
3	N029° 39' 28"	W090° 29' 26"	PI
4	N029° 39' 23"	W090° 29' 23"	PI
5	N029° 39' 21"	W090° 29' 24"	PI
6	N029° 39' 17"	W090° 29' 21"	PI
7	N029° 39' 15"	W090° 29' 20"	PI
8	N029° 39' 10"	W090° 29' 12"	PI
9	N029° 39' 05"	W090° 29' 08"	PI
10	N029° 38' 58"	W090° 28' 59"	PI
11	N029° 38' 55"	W090° 28' 56"	PI
12	N029° 38' 48"	W090° 28' 50"	PI
13	N029° 38' 33"	W090° 28' 30"	PI
14	N029° 38' 26"	W090° 28' 21"	PI
15	N029° 38' 23"	W090° 28' 15"	PI
16	N029° 38' 20"	W090° 28' 05"	PI
17	N029° 38' 14"	W090° 28' 10"	PI
18	N029° 38' 13"	W090° 28' 11"	PI



THESE PLATS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

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OVERALL PLAN

NORTH LAFORCHE LEVEE DISTRICT
MORGANZA TO THE GULF
HURRICANE PROTECTION LEVEE SYSTEM
LOCKPORT TO LAROSE SEGMENT - REACH 3B
LEVEE IMPROVEMENTS
LAFORCHE PARISH, LA

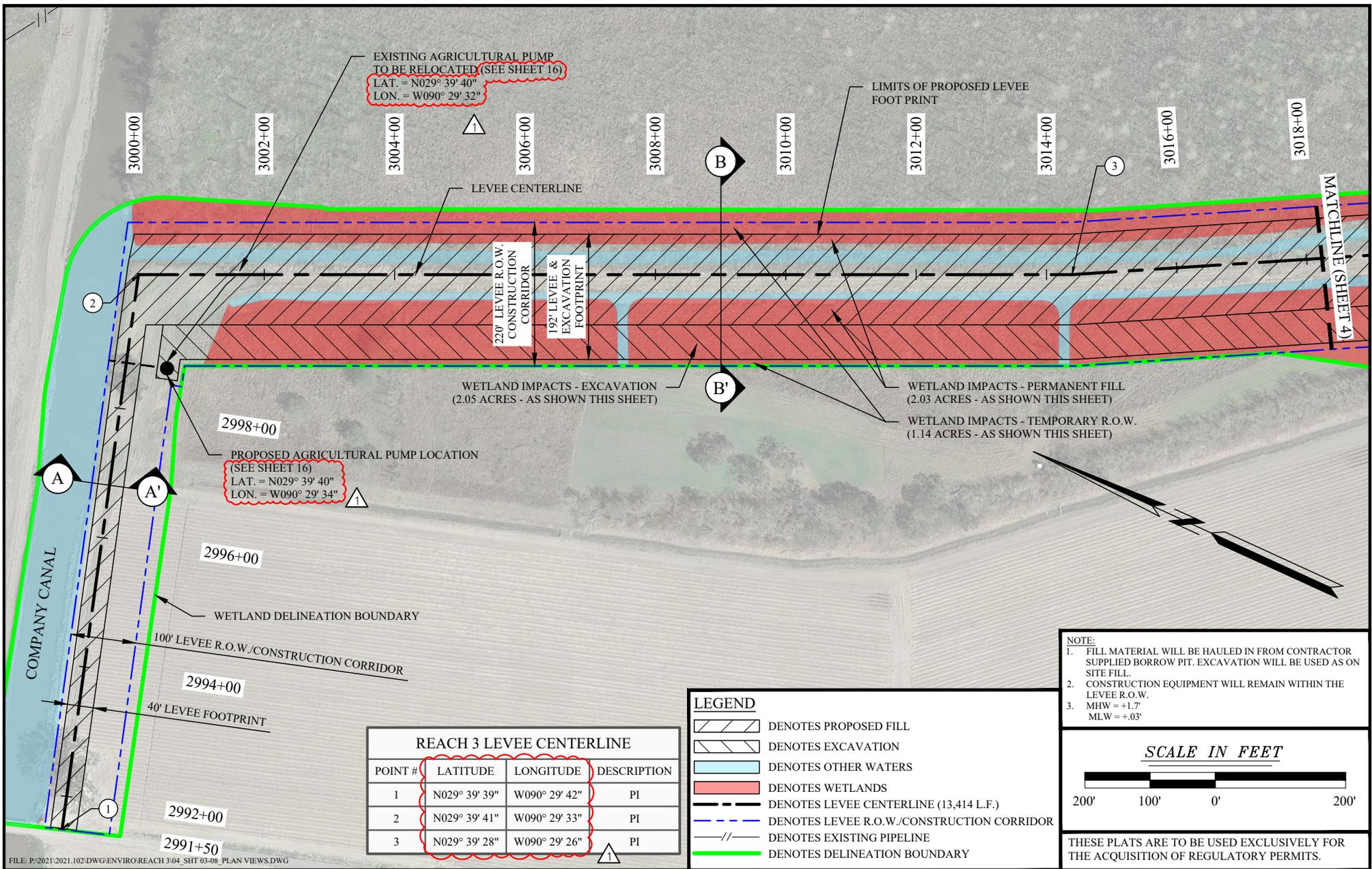
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	EMV	KJK

SCALE 1" = 2,000'
DATE 3/22/23
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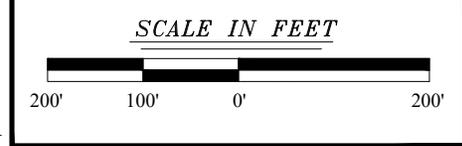


REACH 3 LEVEE CENTERLINE			
POINT #	LATITUDE	LONGITUDE	DESCRIPTION
1	N029° 39' 39"	W090° 29' 42"	PI
2	N029° 39' 41"	W090° 29' 33"	PI
3	N029° 39' 28"	W090° 29' 26"	PI

LEGEND	
	DENOTES PROPOSED FILL
	DENOTES EXCAVATION
	DENOTES OTHER WATERS
	DENOTES WETLANDS
	DENOTES LEVEE CENTERLINE (13,414 L.F.)
	DENOTES LEVEE R.O.W./CONSTRUCTION CORRIDOR
	DENOTES EXISTING PIPELINE
	DENOTES DELINEATION BOUNDARY

NOTE:

- FILL MATERIAL WILL BE HAULED IN FROM CONTRACTOR SUPPLIED BORROW PIT. EXCAVATION WILL BE USED AS ON SITE FILL.
- CONSTRUCTION EQUIPMENT WILL REMAIN WITHIN THE LEVEE R.O.W.
- MHW = +1.7'
MLW = +.03'



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PLAN VIEW

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MORGANZA TO THE GULF
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LEVEE IMPROVEMENTS
LAFOURCHE PARISH, LA

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SCALE
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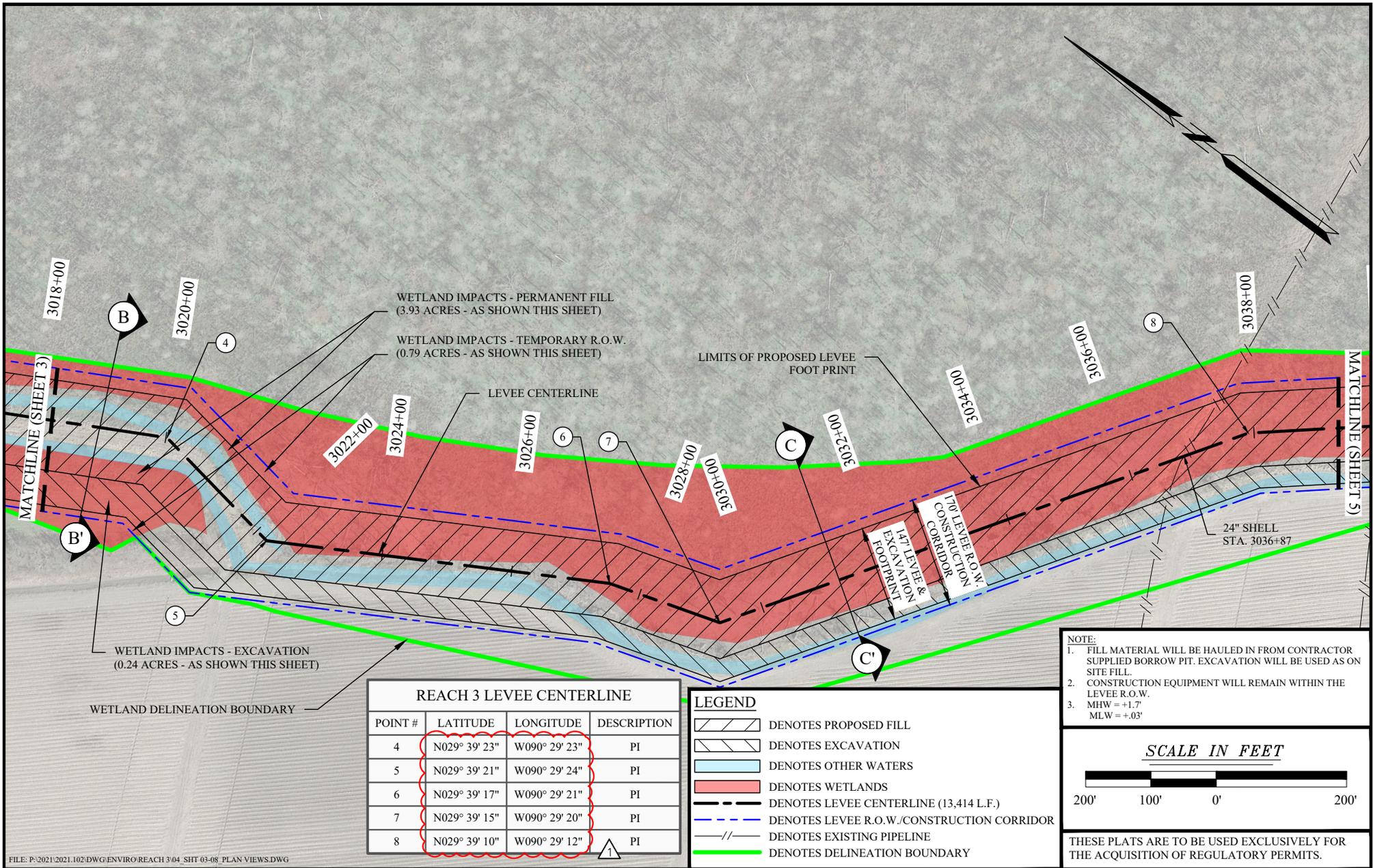
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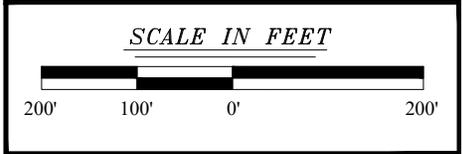
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POINT #	LATITUDE	LONGITUDE	DESCRIPTION
4	N029° 39' 23"	W090° 29' 23"	PI
5	N029° 39' 21"	W090° 29' 24"	PI
6	N029° 39' 17"	W090° 29' 21"	PI
7	N029° 39' 15"	W090° 29' 20"	PI
8	N029° 39' 10"	W090° 29' 12"	PI

LEGEND

	DENOTES PROPOSED FILL
	DENOTES EXCAVATION
	DENOTES OTHER WATERS
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	DENOTES LEVEE CENTERLINE (13,414 L.F.)
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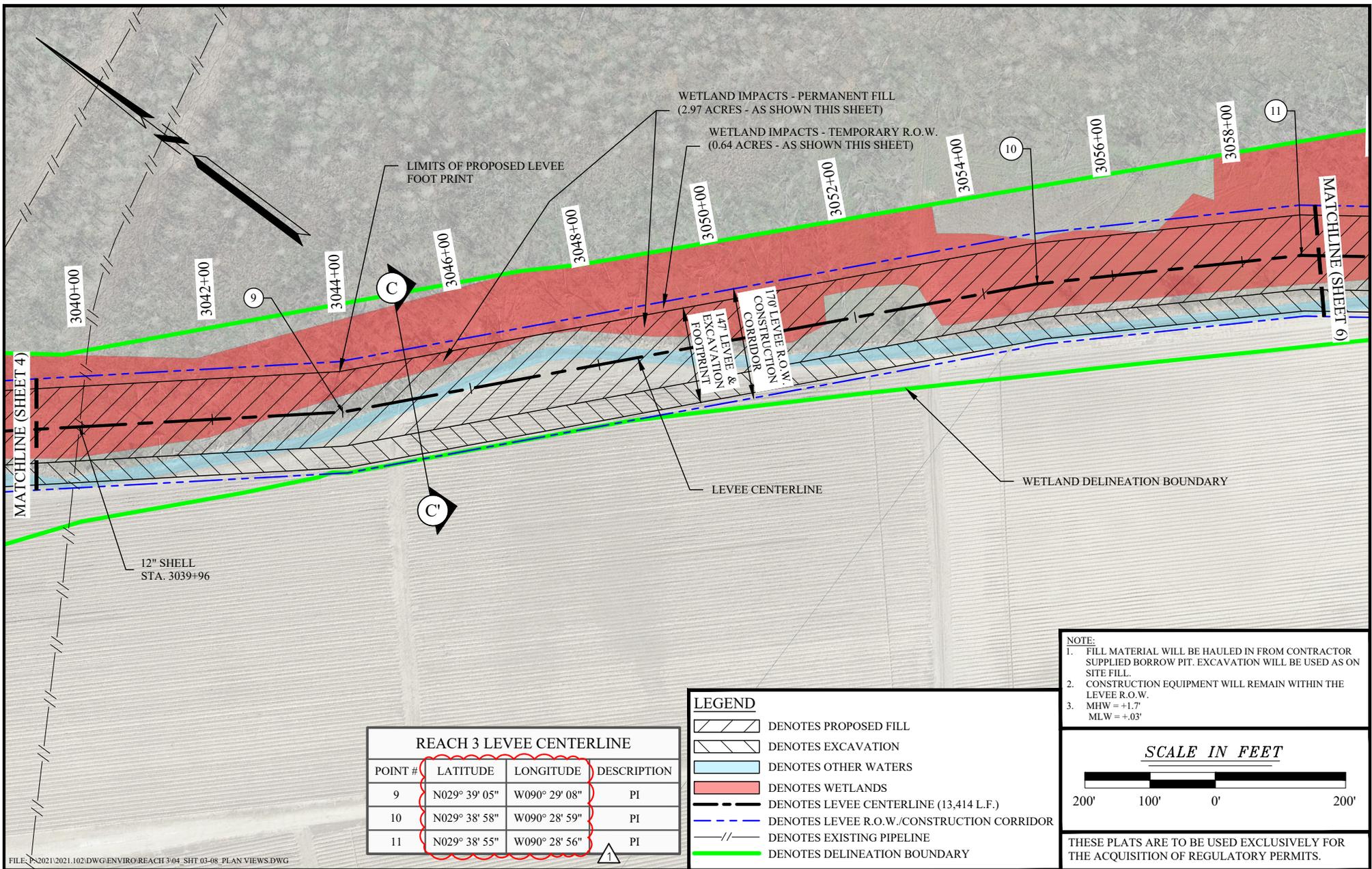
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4 OF 20

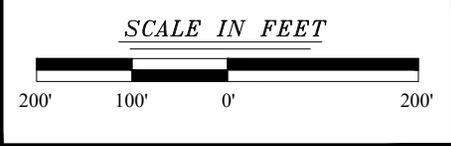
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REACH 3 LEVEE CENTERLINE			
POINT #	LATITUDE	LONGITUDE	DESCRIPTION
9	N029° 39' 05"	W090° 29' 08"	PI
10	N029° 38' 58"	W090° 28' 59"	PI
11	N029° 38' 55"	W090° 28' 56"	PI

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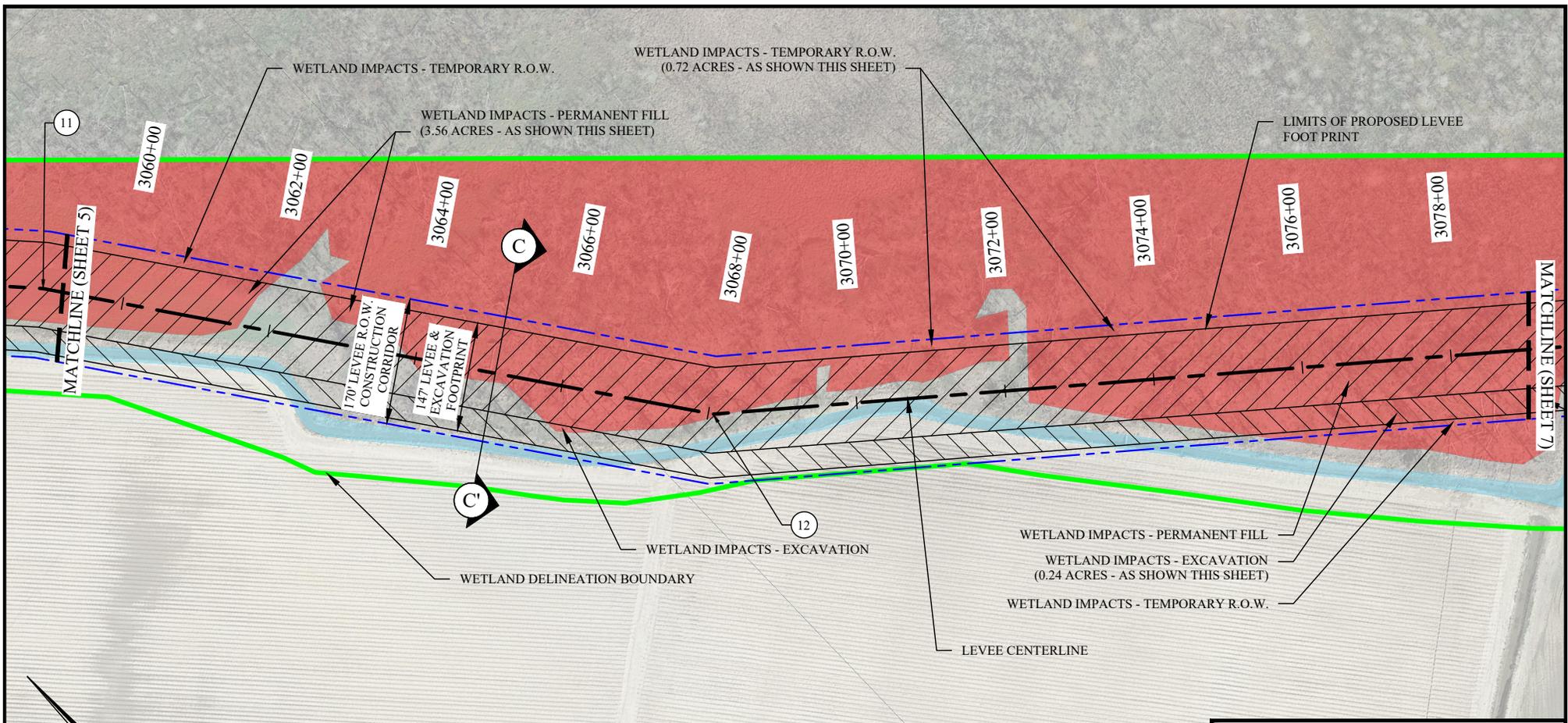
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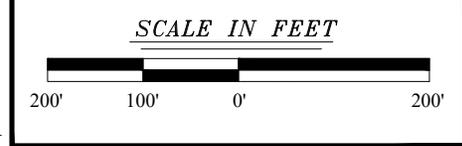


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POINT #	LATITUDE	LONGITUDE	DESCRIPTION
11	N029° 38' 55"	W090° 28' 56"	PI
12	N029° 38' 48"	W090° 28' 50"	PI

LEGEND	
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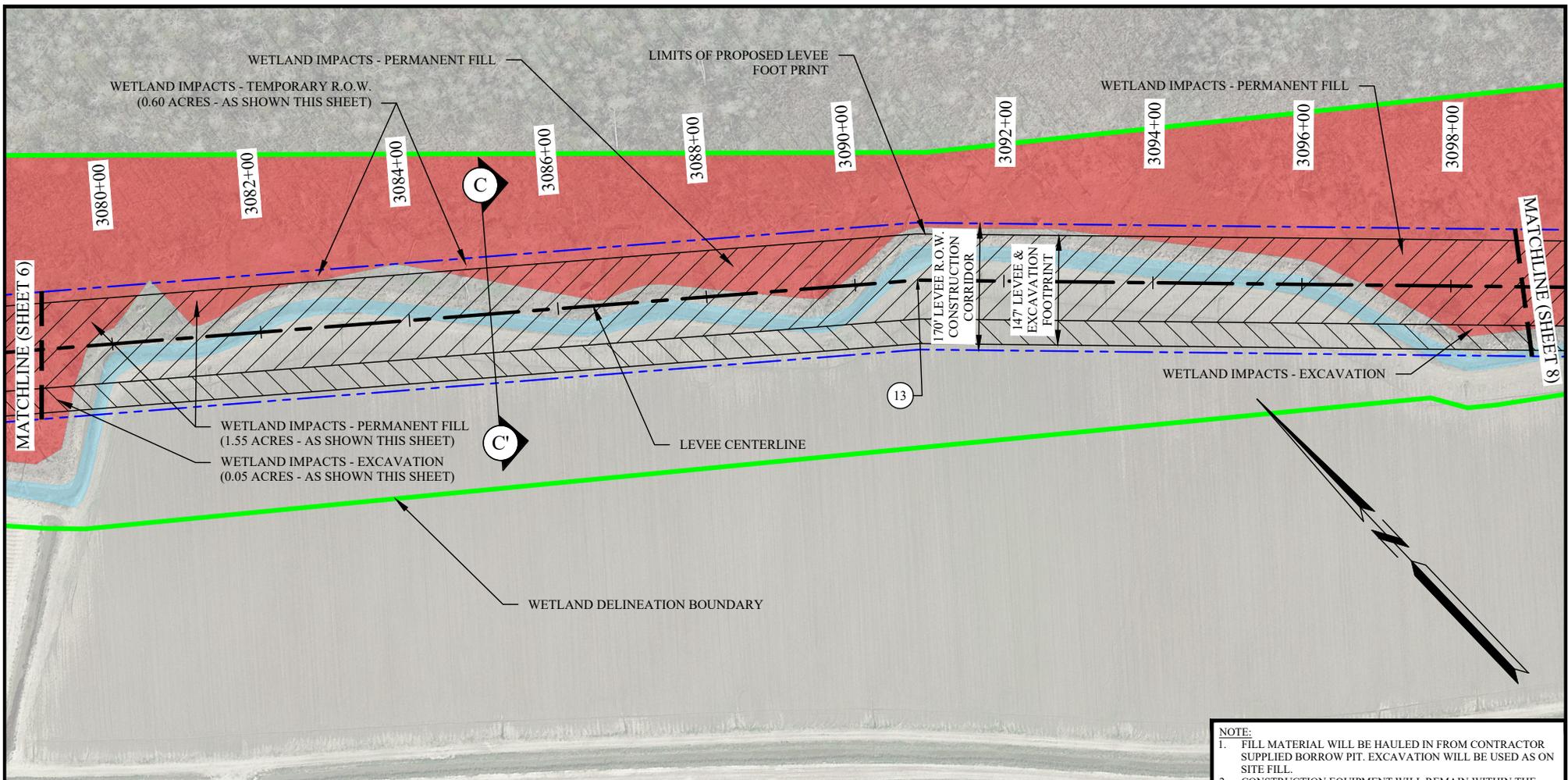
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6 OF 20

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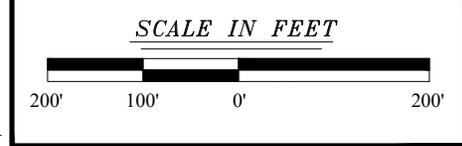
REACH 3 LEVEE CENTERLINE			
POINT #	LATITUDE	LONGITUDE	DESCRIPTION
13	N029° 38' 33"	W090° 28' 30"	PI

LEGEND

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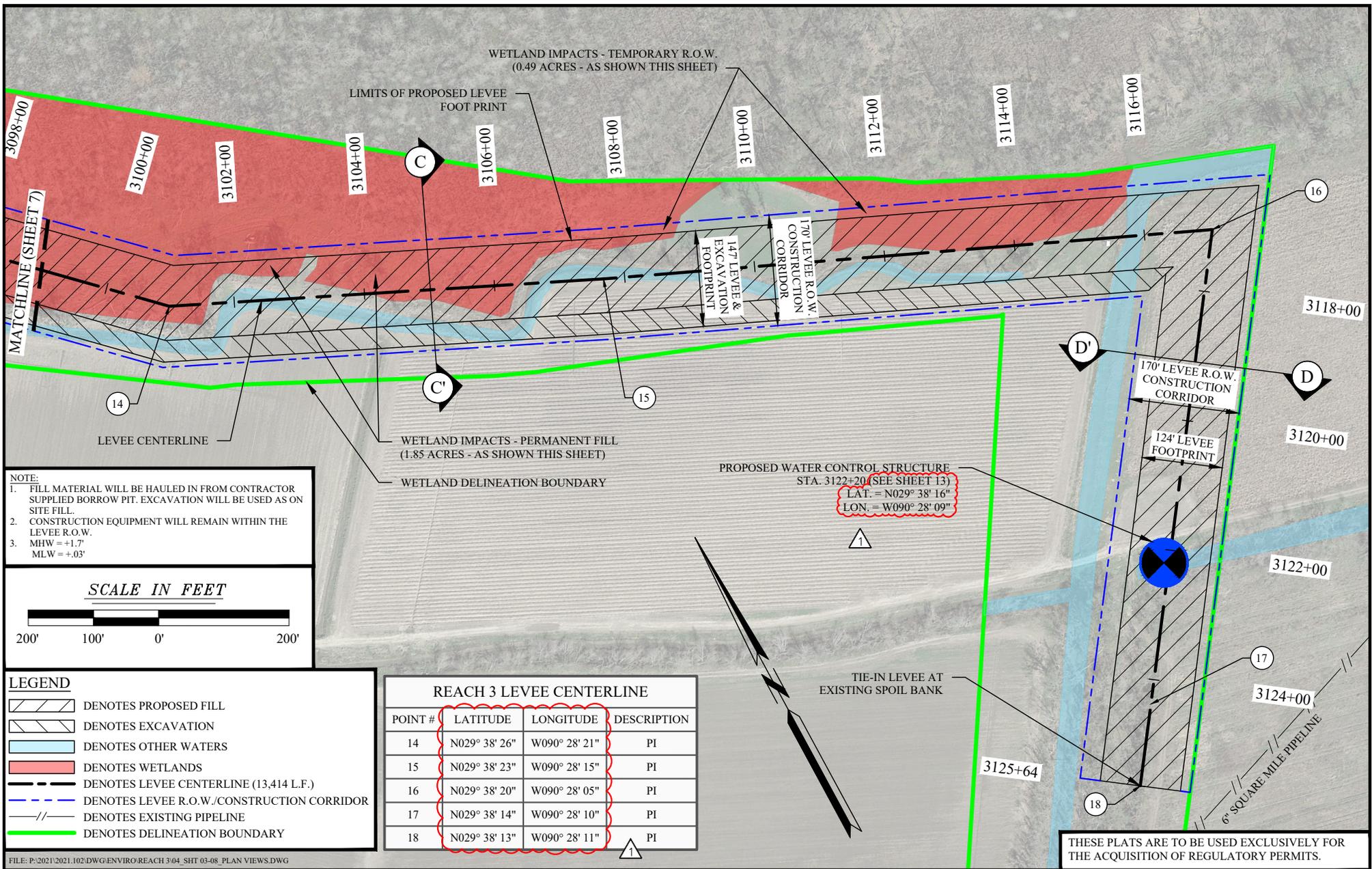
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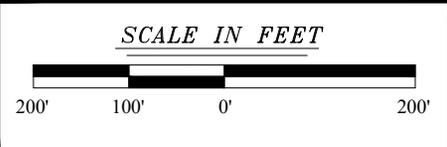
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REACH 3 LEVEE CENTERLINE

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17	N029° 38' 14"	W090° 28' 10"	PI
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HOUMA, LA 70360

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SCALE
1" = 200'

DATE
3/22/23

PROJECT
2021.102

SHEET NO.
8 OF 20

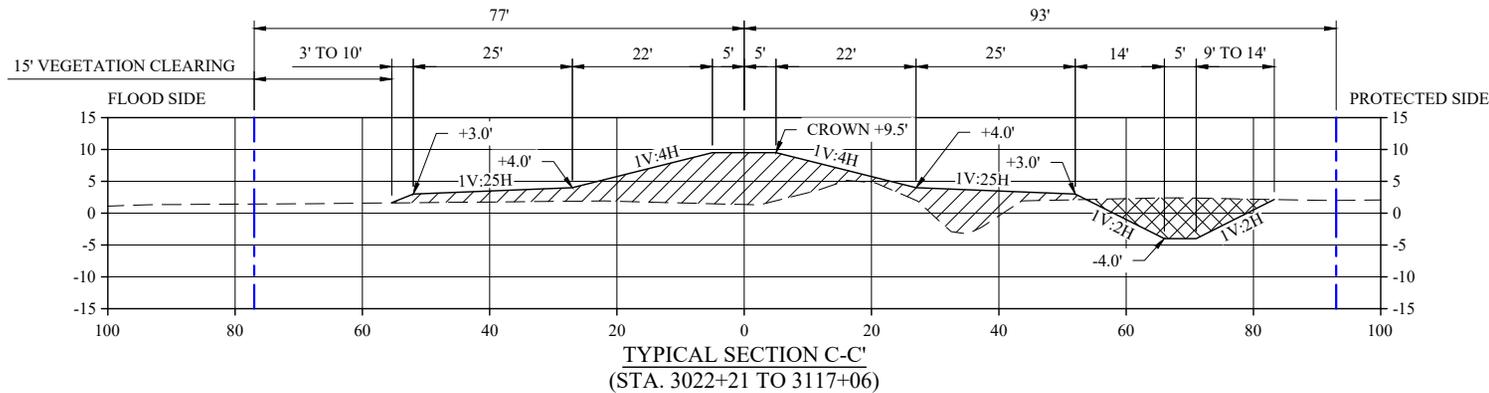
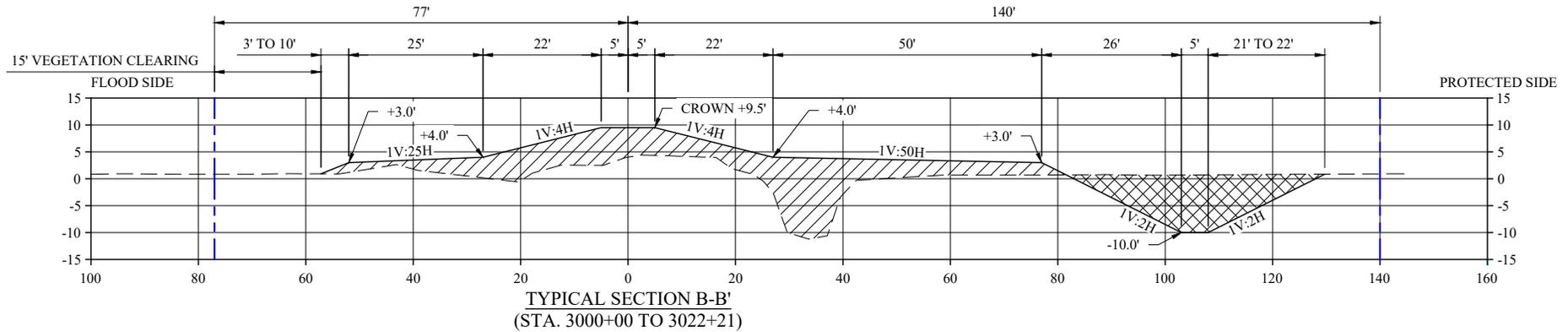
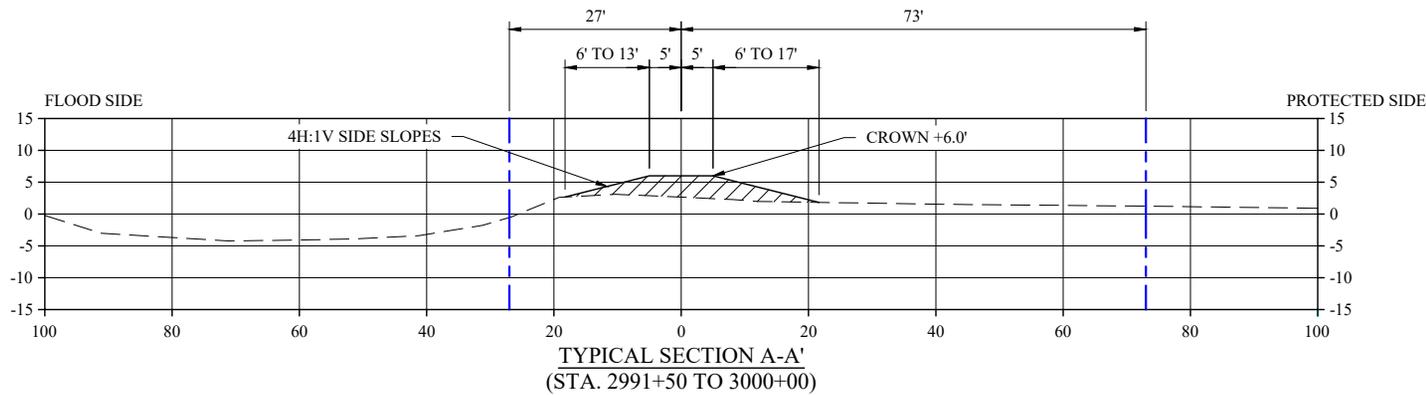
DESIGNED BY	DRAWN BY EMV	CHECKED BY KJK
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THESE PLATS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

- NOTE:**
- FILL MATERIAL WILL BE HAULED IN FROM CONTRACTOR. SUPPLIED BORROW PIT. EXCAVATION WILL BE USED AS ON SITE FILL.
 - CONSTRUCTION EQUIPMENT WILL REMAIN WITHIN THE LEVEE R.O.W.
 - MHW = +1.7'
MLW = +.03'

LEGEND

-  DENOTES PROPOSED FILL
-  DENOTES EXCAVATION
-  DENOTES PROPOSED GRADE
-  DENOTES EXISTING GRADE
-  DENOTES LEVEE R.O.W.



SCALE IN FEET



THESE PLATS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

FILE: P:\2021\2021.102\DWG\ENVIRO\REACH 3\04_SHT 09-12_DETAIL PLAN & TYPICAL SECTION.DWG

NO.	REVISION	DATE
01	REVISED PER COMMENTS	5/12/23
02	REVISED PER COMMENTS	9/26/23
03	REVISED PER COMMENTS	1/18/24
04	REVISED PER COMMENTS	3/21/24

TYPICAL SECTIONS

NORTH LAFOURCHE LEVEE DISTRICT
MORGANZA TO THE GULF
HURRICANE PROTECTION LEVEE SYSTEM
LOCKPORT TO LAROSE SEGMENT - REACH 3B
LEVEE IMPROVEMENTS
LAFOURCHE PARISH, LA

LOCKPORT, LOUISIANA LAFOURCHE PARISH



**DELTA COAST
CONSULTANTS, LLC**

631 S. HOLLYWOOD RD.
HOUMA, LA 70360

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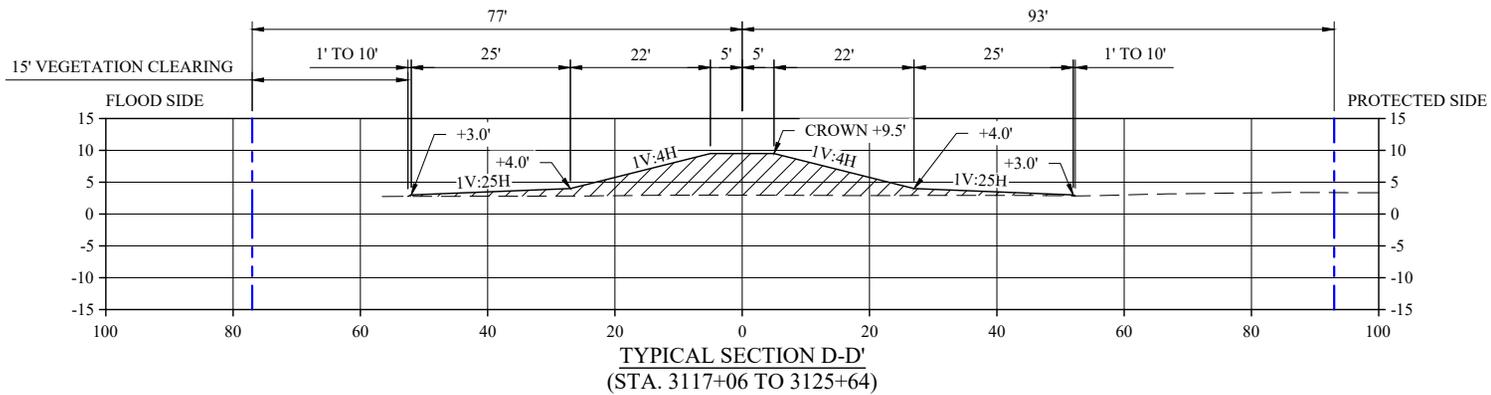
SCALE
1" = 30'

DATE
3/22/23

PROJECT
2021.102

SHEET NO.
11 OF 20

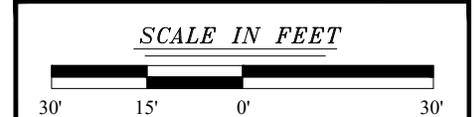
DESIGNED BY	DRAWN BY	CHECKED BY
	EMV	KJK



- NOTE:**
- FILL MATERIAL WILL BE HAULED IN FROM CONTRACTOR. SUPPLIED BORROW PIT. EXCAVATION WILL BE USED AS ON SITE FILL.
 - CONSTRUCTION EQUIPMENT WILL REMAIN WITHIN THE LEVEE R.O.W.
 - MHW = +1.7'
MLW = +.03'

LEGEND

	DENOTES PROPOSED FILL
	DENOTES EXCAVATION
	DENOTES PROPOSED GRADE
	DENOTES EXISTING GRADE
	DENOTES LEVEE R.O.W.



THESE PLATS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

FILE: P:\2021\2021.102\DWG\ENVIRO\REACH 3\04_SHT 09-12_DETAIL PLAN & TYPICAL SECTION.DWG

NO.	REVISION	DATE
01	REVISED PER COMMENTS	5/12/23
02	REVISED PER COMMENTS	9/26/23
03	REVISED PER COMMENTS	1/18/24
04	REVISED PER COMMENTS	3/21/24

TYPICAL SECTIONS

NORTH LAFOURCHE LEVEE DISTRICT
MORGANZA TO THE GULF
HURRICANE PROTECTION LEVEE SYSTEM
LOCKPORT TO LAROSE SEGMENT - REACH 3B
LEVEE IMPROVEMENTS
LAFOURCHE PARISH, LA

LOCKPORT, LOUISIANA LAFOURCHE PARISH

**DELTA COAST
CONSULTANTS, LLC**
631 S. HOLLYWOOD RD.
HOUMA, LA 70360
PHONE: 985-655-3100
www.deltacoastllc.com

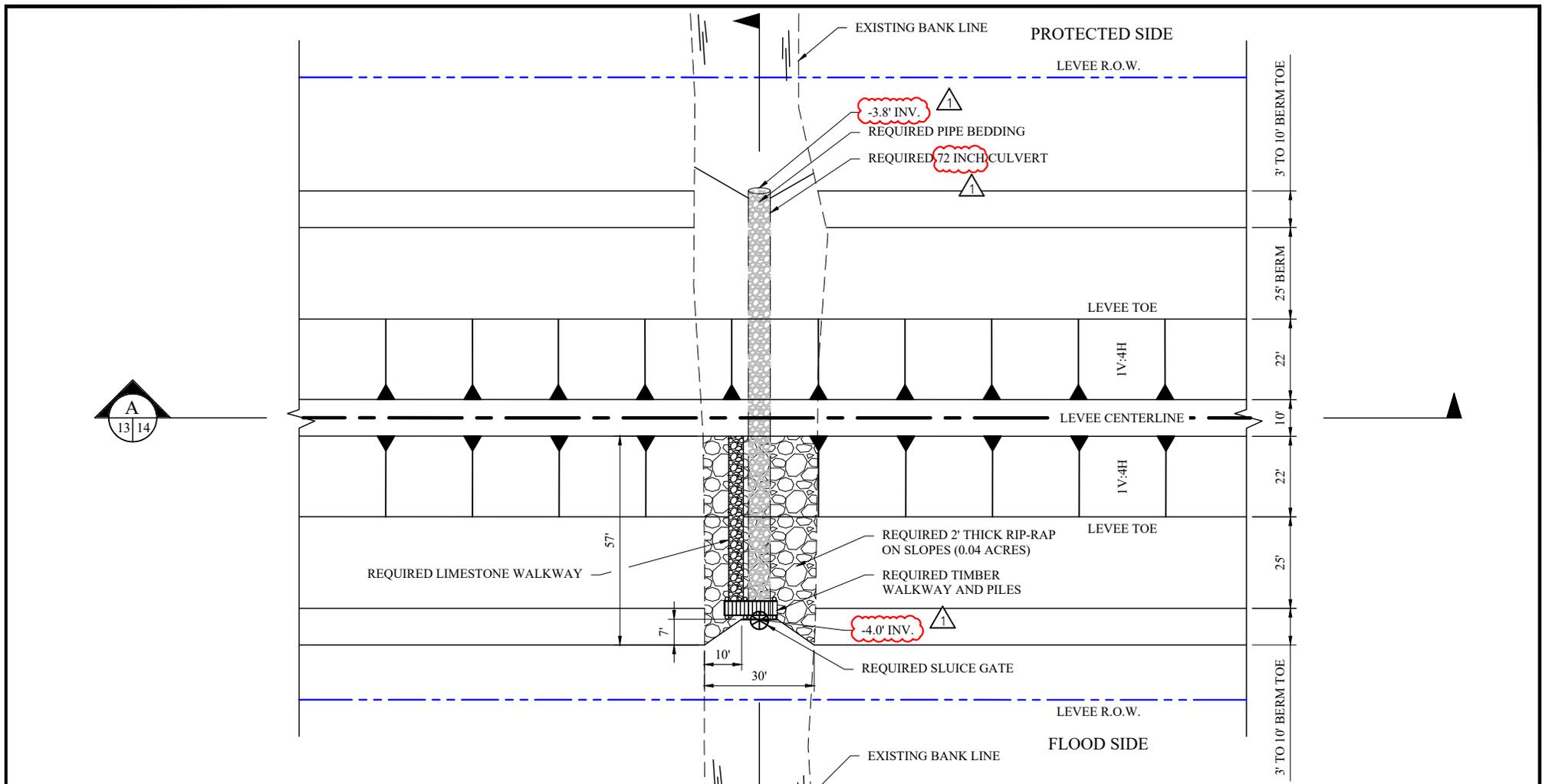
SCALE
1" = 30'

DATE
3/22/23

PROJECT
2021.102

SHEET NO.
12 OF 20

DESIGNED BY	DRAWN BY	CHECKED BY
	EMV	KJK

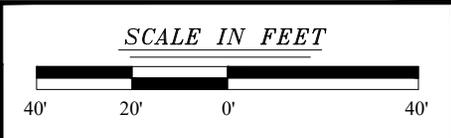


LEGEND

	DENOTES LIMESTONE WALKWAY
	DENOTES RIP-RAP
	DENOTES LEVEE PROFILE
	DENOTES LEVEE CENTERLINE
	DENOTES LEVEE R.O.W./CONSTRUCTION CORRIDOR
	DENOTES EXISTING BANKLINE

NOTE:

- FILL MATERIAL WILL BE HAULED IN FROM CONTRACTOR SUPPLIED BORROW PIT. EXCAVATION WILL BE USED AS ON SITE FILL.
- CONSTRUCTION EQUIPMENT WILL REMAIN WITHIN THE LEVEE R.O.W.
- MHW = +1.7'
MLW = +.03'



THESE PLATS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

FILE: P:\2021\2021.102\DWG\ENVIRO\REACH 3\04_SHT 13-15_WATER CONTROL STRUCTURE.DWG

NO.	REVISION	DATE
01	REVISED PER COMMENTS	5/12/23
02	REVISED PER COMMENTS	9/26/23
03	REVISED PER COMMENTS	1/18/24
04	REVISED PER COMMENTS	3/21/24

WATER CONTROL STRUCTURE - PLAN VIEW

NORTH LAFOURCHE LEVEE DISTRICT
MORGANZA TO THE GULF
HURRICANE PROTECTION LEVEE SYSTEM
LOCKPORT TO LAROSE SEGMENT - REACH 3B
LEVEE IMPROVEMENTS
LAFOURCHE PARISH, LA

LOCKPORT, LOUISIANA LAFOURCHE PARISH



**DELTA COAST
CONSULTANTS, LLC**
631 S. HOLLYWOOD RD.
HOUMA, LA 70360

PHONE: 985-655-3100 www.deltacoastllc.com

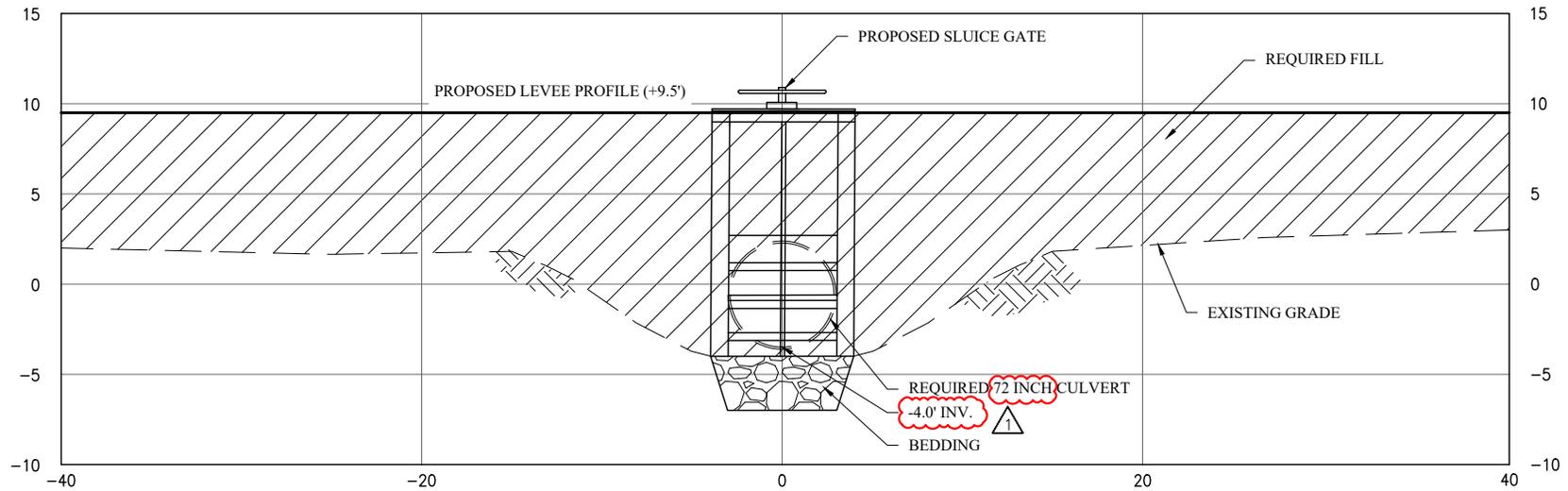
SCALE
1" = 40'

DATE
3/22/23

PROJECT
2021.102

SHEET NO.
13 OF 20

DESIGNED BY	DRAWN BY	CHECKED BY
	EMV	KJK

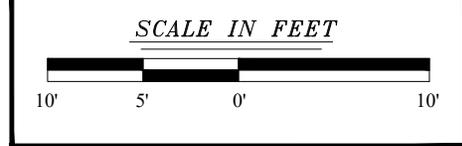


A
 13 | 14

PROFILE VIEW

LEGEND	
	DENOTES PROPOSED FILL
	DENOTES BEDDING
	DENOTES PROPOSED LEVEE PROFILE
	DENOTES EXISTING GRADE

- NOTE:**
1. FILL MATERIAL WILL BE HAULED IN FROM CONTRACTOR SUPPLIED BORROW PIT. EXCAVATION WILL BE USED AS ON SITE FILL.
 2. CONSTRUCTION EQUIPMENT WILL REMAIN WITHIN THE LEVEE R.O.W.
 3. MHW = +1.7'
MLW = +.03'



THESE PLATS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

FILE: P:\2021\2021.102\DWG\ENVIRO\REACH 3\04_SHT 13-15_WATER CONTROL STRUCTURE.DWG

NO.	REVISION	DATE
01	REVISED PER COMMENTS	5/12/23
02	REVISED PER COMMENTS	9/26/23
03	REVISED PER COMMENTS	1/18/24
04	REVISED PER COMMENTS	3/21/24

WATER CONTROL STRUCTURE - PROFILE VIEW

 NORTH LAFORCHE LEVEE DISTRICT
 MORGANZA TO THE GULF
 HURRICANE PROTECTION LEVEE SYSTEM
 LOCKPORT TO LAROSE SEGMENT - REACH 3B
 LEVEE IMPROVEMENTS
 LAFORCHE PARISH, LA

 LOCKPORT, LOUISIANA LAFORCHE PARISH

**DELTA COAST
CONSULTANTS, LLC**
 631 S. HOLLYWOOD RD.
 HOUMA, LA 70360
 PHONE: 985-655-3100 www.deltacoastllc.com

SCALE
1" = 10'

DATE
3/22/23

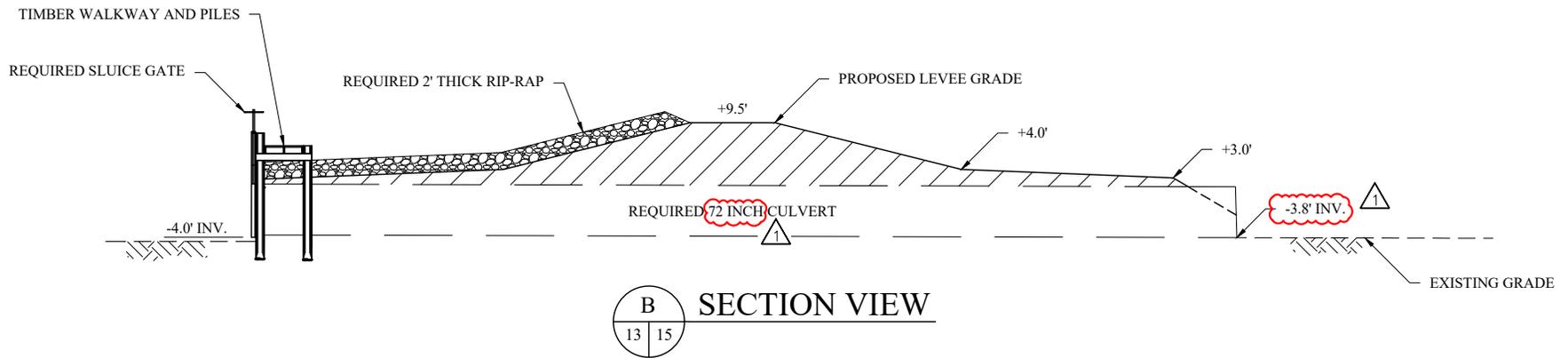
PROJECT
2021.102

SHEET NO.
14 OF 20

DESIGNED BY	DRAWN BY EMV	CHECKED BY KJK	
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FLOOD SIDE

PROTECTED SIDE

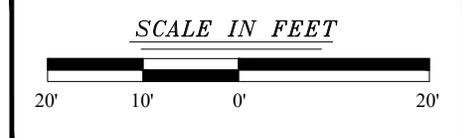


B SECTION VIEW
13 | 15

LEGEND

	DENOTES PROPOSED FILL
	DENOTES RIP-RAP
	DENOTES PROPOSED LEVEE GRADE
	DENOTES EXISTING GRADE

- NOTE:**
- FILL MATERIAL WILL BE HAULED IN FROM CONTRACTOR SUPPLIED BORROW PIT. EXCAVATION WILL BE USED AS ON SITE FILL.
 - CONSTRUCTION EQUIPMENT WILL REMAIN WITHIN THE LEVEE R.O.W.
 - MHW = +1.7'
MLW = +.03'



THESE PLATS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

FILE: P:\2021\2021.102\DWG\ENVIRO\REACH 3\04_SHT 13-15_WATER CONTROL STRUCTURE.DWG

NO.	REVISION	DATE
01	REVISED PER COMMENTS	5/12/23
02	REVISED PER COMMENTS	9/26/23
03	REVISED PER COMMENTS	1/18/24
04	REVISED PER COMMENTS	3/21/24

WATER CONTROL STRUCTURE - SECTION VIEW

NORTH LAFORCHE LEVEE DISTRICT
MORGANZA TO THE GULF
HURRICANE PROTECTION LEVEE SYSTEM
LOCKPORT TO LAROSE SEGMENT - REACH 3B
LEVEE IMPROVEMENTS
LAFORCHE PARISH, LA

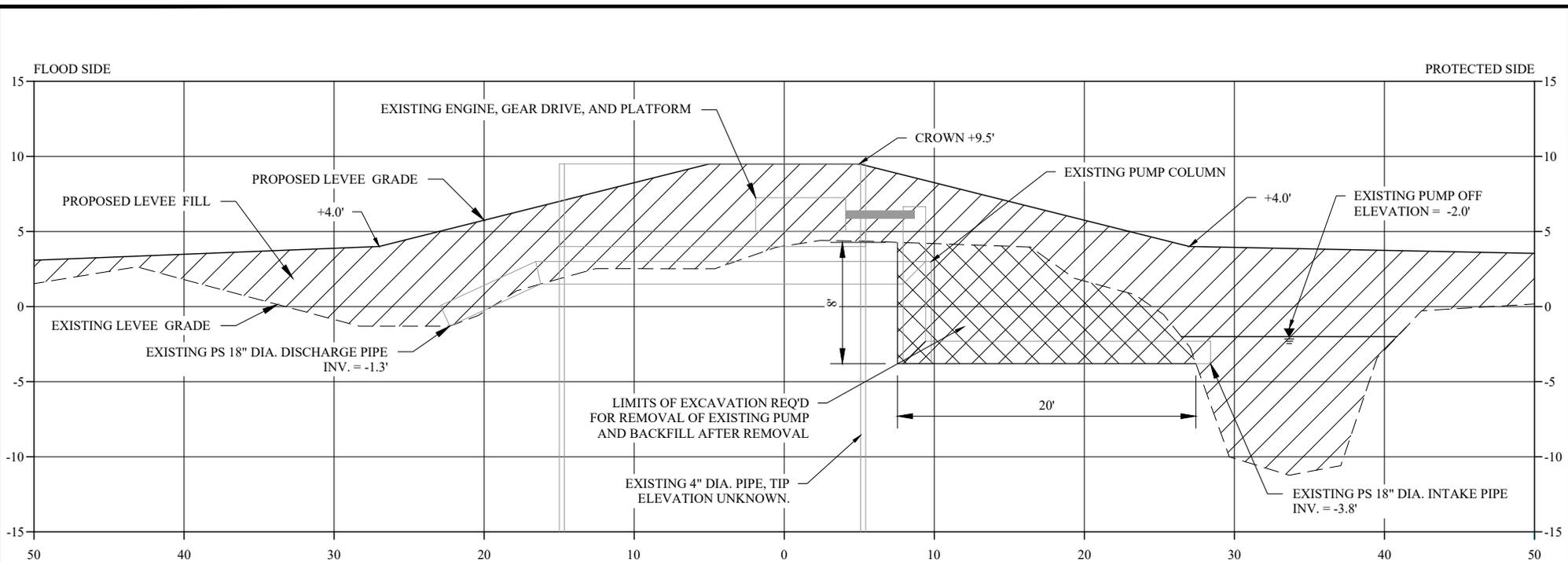
LOCKPORT, LOUISIANA LAFORCHE PARISH



DELTA COAST CONSULTANTS, LLC
631 S. HOLLYWOOD RD.
HOUMA, LA 70360
PHONE: 985-655-3100 www.deltacoastllc.com

DESIGNED BY	DRAWN BY	CHECKED BY
	EMV	KJK

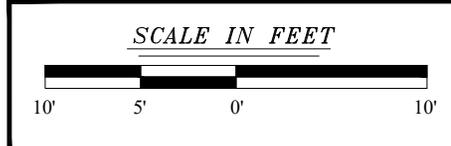
SCALE	1" = 20'
DATE	3/22/23
PROJECT	2021.102
SHEET NO.	15 OF 20



A
 16 | 17

SECTION VIEW

LEGEND	
	DENOTES PROPOSED FILL
	DENOTES BEDDING
—	DENOTES PROPOSED LEVEE GRADE
- - -	DENOTES EXISTING GRADE



NOTE:

1. FILL MATERIAL WILL BE HAULED IN FROM CONTRACTOR SUPPLIED BORROW PIT. EXCAVATION WILL BE USED AS ON SITE FILL.
2. CONSTRUCTION EQUIPMENT WILL REMAIN WITHIN THE LEVEE R.O.W.
3. MHW = +1.7'
MLW = +.03'
4. ALL EXISTING PUMP STATION FEATURES SHOWN ON THIS SECTION WILL BE REMOVED. ANY FEATURES REMOVED BELOW GRADE WILL BE BACKFILLED WITH HAULED IN MATERIAL FROM A CONTRACTOR SUPPLIED BORROW PIT. ALL WORK FOR REMOVAL OF THE EXISTING PUMP STATION WILL BE WITHIN THE REQUIRED WORKSPACE FOR THE PERMANENT LEVEE CONSTRUCTION AND NO ADDITIONAL TEMPORARY WORKSPACE WILL BE REQUIRED.
5. EXISTING PUMP CAPACITY = 27 CFS
PUMP ON EL = -1.0'
PUMP ON EL = -2.0'
TEMPORARY EXCAVATION QUANTITY = 11 CY
REQUIRED BACKFILL QUANTITY = 16 CY

FILE: P:\2021\2021.102\DWG\ENVIRO\REACH 3\04_SHT 16-18_PUMP STATION.DWG

NO.	REVISION	DATE
01	REVISED PER COMMENTS	5/12/23
02	REVISED PER COMMENTS	9/26/23
03	REVISED PER COMMENTS	1/18/24
04	REVISED PER COMMENTS	3/21/24

EXISTING AGRICULTURAL PUMP
SECTION VIEW

NORTH LAFOURCHE LEVEE DISTRICT
 MORGANZA TO THE GULF
 HURRICANE PROTECTION LEVEE SYSTEM
 LOCKPORT TO LAROSE SEGMENT - REACH 3B
 LEVEE IMPROVEMENTS
 LAFOURCHE PARISH, LA

LOCKPORT, LOUISIANA
LAFOURCHE PARISH

DELTA COAST
CONSULTANTS, LLC

631 S. HOLLYWOOD RD.
HOUMA, LA 70360

PHONE: 985-655-3100 www.deltacoastllc.com

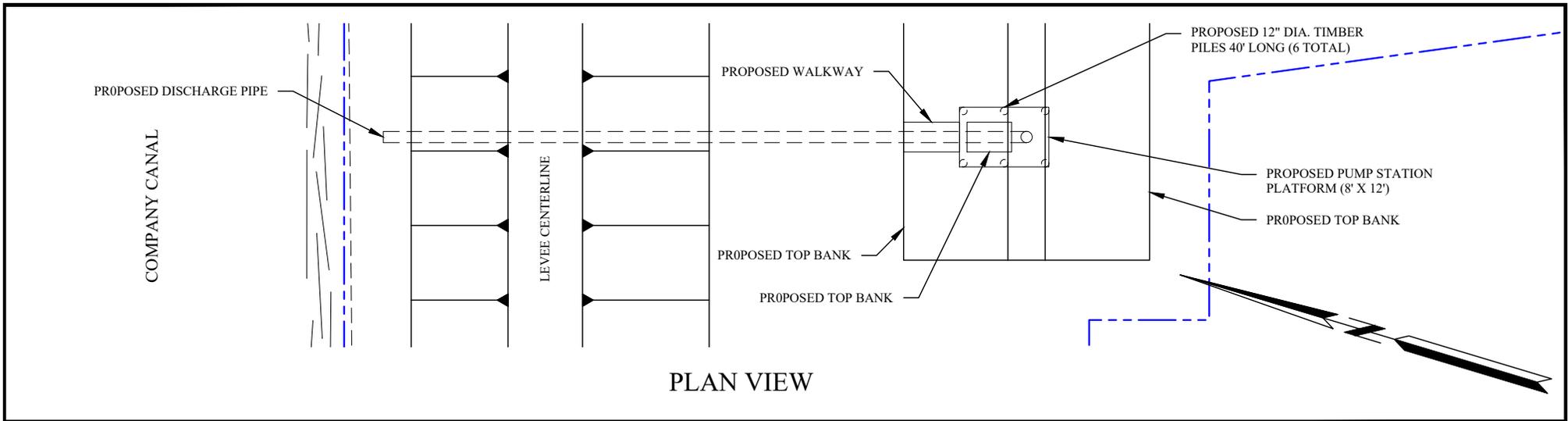
SCALE
1" = 10'

DATE
3/22/23

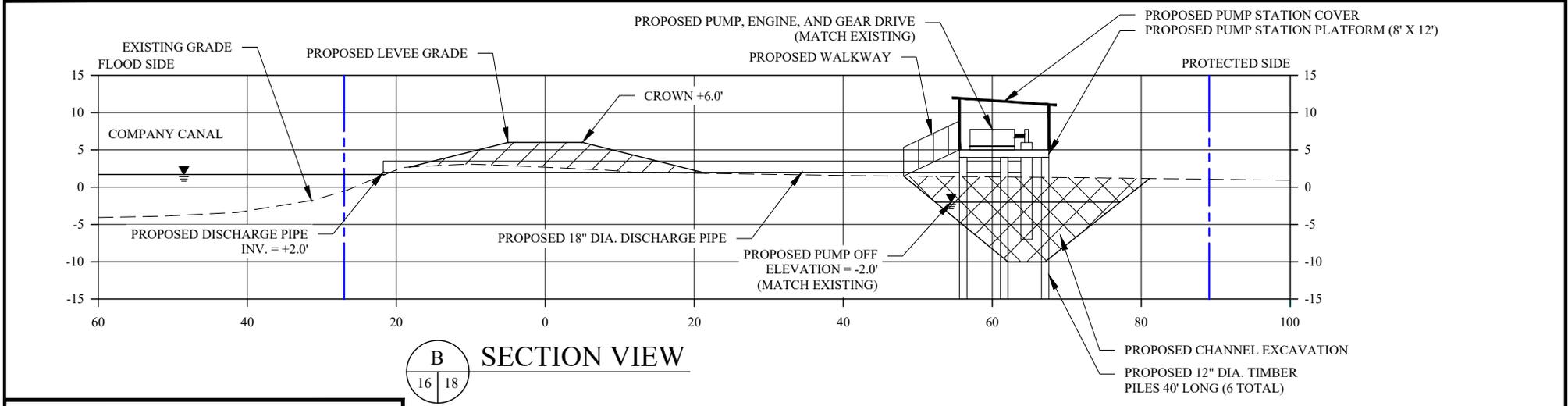
PROJECT
2021.102

SHEET NO.
17 OF 20

DESIGNED BY	DRAWN BY	CHECKED BY
EMV	KJK	



PLAN VIEW



B SECTION VIEW
16 | 18

LEGEND

- DENOTES PROPOSED FILL
- DENOTES BEDDING
- DENOTES R.O.W.
- DENOTES PROPOSED LEVEE/CHANNEL GRADE
- DENOTES EXISTING GRADE

- NOTE:**
1. FILL MATERIAL WILL BE HAULED IN FROM CONTRACTOR SUPPLIED BORROW PIT. EXCAVATION WILL BE USED AS ON SITE FILL.
 2. CONSTRUCTION EQUIPMENT WILL REMAIN WITHIN THE LEVEE R.O.W.
 3. MHW = +1.7'
MLW = +.03'
 4. ALL WORK FOR INSTALLATION OF THE PROPOSED PUMP STATION WILL BE WITHIN THE REQUIRED WORKSPACE FOR THE PERMANENT LEVEE CONSTRUCTION AND NO ADDITIONAL TEMPORARY WORKSPACE WILL BE REQUIRED.
 5. PROPOSED PUMP CAPACITY = 27 CFS
PUMP ON EL = -1.0'
PUMP ON EL = -2.0'

SCALE IN FEET

20' 10' 0' 20'

THESE PLATS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

FILE: P:\2021\2021.102\DWG\ENVIRO\REACH 3\04_SHT 16-18_PUMP STATION.DWG

NO.	REVISION	DATE
01	REVISED PER COMMENTS	5/12/23
02	REVISED PER COMMENTS	9/26/23
03	REVISED PER COMMENTS	1/18/24
04	REVISED PER COMMENTS	3/21/24

**PROPOSED AGRICULTURAL PUMP
PLAN AND SECTION VIEW**

NORTH LAFORCHE LEVEE DISTRICT
MORGANZA TO THE GULF
HURRICANE PROTECTION LEVEE SYSTEM
LOCKPORT TO LAROSE SEGMENT - REACH 3B
LEVEE IMPROVEMENTS
LAFORCHE PARISH, LA

LOCKPORT, LOUISIANA LAFORCHE PARISH

**DELTA COAST
CONSULTANTS, LLC**

631 S. HOLLYWOOD RD.
HOUMA, LA 70360

PHONE: 985-655-3100 www.deltacoastllc.com

DESIGNED BY	DRAWN BY	CHECKED BY	SCALE
	EMV	KJK	1" = 20'
			DATE
			3/22/23
			PROJECT
			2021.102
			SHEET NO.
			18 OF 20

GENERAL NOTES:

1. AS-BUILT DRAWINGS AND/OR PLATS SHALL HAVE WRITTEN ON THEM THE DATE OF COMPLETION OF SAID ACTIVITIES AND SHALL BE SUBMITTED TO THE LOUISIANA DEPARTMENT OF NATURAL RESOURCES, OFFICE OF COASTAL MANAGEMENT, P. O. BOX 44487, BATON ROUGE, LA 70804-4487 WITHIN 30 DAYS FOLLOWING PROJECT COMPLETION.
2. ALL STRUCTURES BUILT UNDER THE AUTHORIZATION AND CONDITIONS OF THIS PERMIT SHALL BE REMOVED FROM THE SITE WITHIN 120 DAYS OF ABANDONMENT OF THE FACILITIES FOR THE HEREIN PERMITTED USE, OR WHEN THESE STRUCTURES FALL INTO A STATE OF DISREPAIR SUCH THAT THEY CAN NO LONGER FUNCTION AS INTENDED. THIS CONDITION DOES NOT PRECLUDE THE NECESSITY FOR REVISING THE CURRENT PERMIT OR OBTAINING A SEPARATE COASTAL USE PERMIT, SHOULD ONE BE REQUIRED, FOR SUCH REMOVAL ACTIVITIES.
3. STRUCTURES MUST ALSO BE MARKED/LIGHTED IN ACCORDANCE WITH U. S. COAST GUARD REGULATIONS.
4. IN ORDER TO ENSURE THE SAFETY OF ALL PARTIES, THE PERMITTEE SHALL CONTACT THE LOUISIANA ONE CALL SYSTEM (1-800-272-3020) A MINIMUM OF 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY EXCAVATION (DIGGING, DREDGING, JETTING, ETC.) OR DEMOLITION ACTIVITY.
5. FILL MATERIAL WILL BE HAULED IN FROM CONTRACTOR SUPPLIED BORROW PIT. EXCAVATION WILL BE USED AS ON SITE FILL.
6. CONSTRUCTION EQUIPMENT WILL REMAIN WITHIN THE LEVEE R.O.W.

ENVIRONMENTAL IMPACTS:

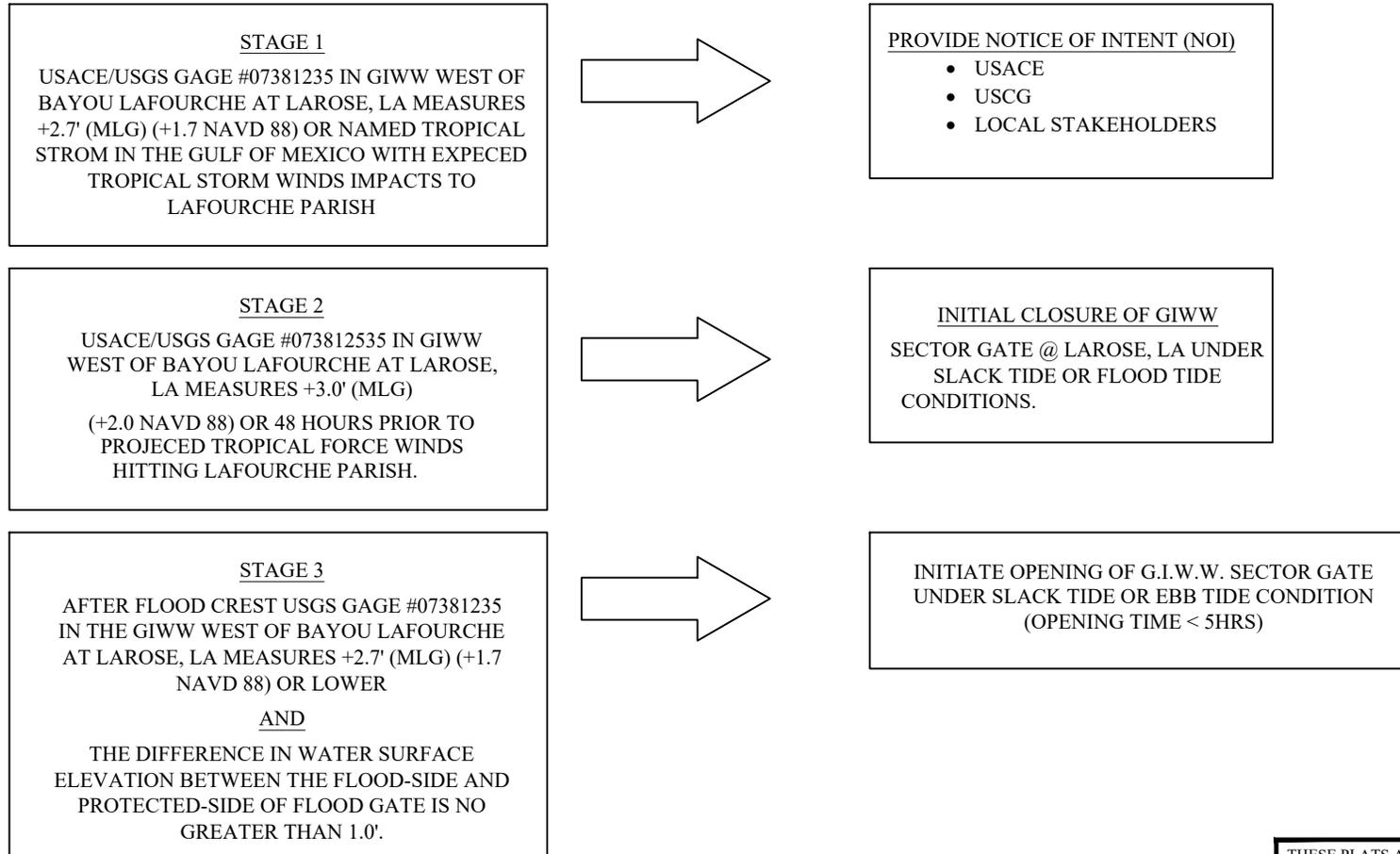
1. FILL MATERIAL: 198,795 CUBIC YARDS (136,445 CUBIC YARDS HAULED IN MATERIAL) OR 35.10 ACRES
WETLAND IMPACTS: APPROXIMATELY 15.89 ACRES
OTHER WATERS: APPROXIMATELY 3.66 ACRES
2. EXCAVATION MATERIAL: 62,231 CUBIC YARDS OR 9.79 ACRES
WETLAND IMPACTS: APPROXIMATELY 2.69 ACRES
OTHER WATERS: APPROXIMATELY 1.25 ACRES
3. RIP-RAP MATERIAL: 119 CUBIC YARDS OR 0.04 ACRES
WETLAND IMPACTS: APPROXIMATELY 0.00 ACRES
OTHER WATERS: APPROXIMATELY 0.00 ACRES
4. WETLAND IMPACTED CALCULATIONS ARE ONLY FOR THE PROPOSED FILL AND EXCAVATION AREAS AND DO NOT INCLUDE THE LEAVE R.O.W./CONSTRUCTION CORRIDOR.

FILE: P:\2021\2021.102\DWG\ENVIRO\REACH 3\04_SHT 19-20_NOTES & OPERATION PLAN.DWG

THESE PLATS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

NO.	REVISION	DATE	<h2 style="margin: 0;">NOTES</h2> <p style="margin: 0;">NORTH LAFOURCHE LEVEE DISTRICT MORGANZA TO THE GULF HURRICANE PROTECTION LEVEE SYSTEM LOCKPORT TO LAROSE SEGMENT - REACH 3B LEVEE IMPROVEMENTS LAFOURCHE PARISH, LA</p>			 <p style="margin: 0;">DELTA COAST CONSULTANTS, LLC 631 S. HOLLYWOOD RD. HOUMA, LA 70360 PHONE: 985-655-3100 www.deltacoastllc.com</p>		SCALE		
						DESIGNED BY	DRAWN BY	CHECKED BY		
01	REVISED PER COMMENTS	5/12/23						N/A		
02	REVISED PER COMMENTS	9/26/23							DATE	3/22/23
03	REVISED PER COMMENTS	1/18/24							PROJECT	2021.102
04	REVISED PER COMMENTS	3/21/24							SHEET NO.	19 OF 20
			LOCKPORT, LOUISIANA	LAFOURCHE PARISH						

THE FOLLOWING OPERATIONAL PLAN IS BASED UPON A SIGNIFICANT HURRICANE SURGE FROM THE GULF OF MEXICO INTO THE GULF INTRACOASTAL WATERWAY (GIWW) AT LAROSE, LA WITH POTENTIAL FOR IMPACTING COMMUNITIES OF LAFOURCHE PARISH. THE GIWW FLOOD GATE AT LAROSE AND SLUICE GATE CONTROL STRUCTURE AT STA 3122+20 WILL BE OPERATED UNDER THE FOLLOWING CRITERIA TO REDUCE WATER SURFACE ELEVATIONS AND PREVENT BACKWATER FLOODING OF COMMUNITIES ON THE WEST SIDE OF THE LAROSE TO LOCKPORT REACH OF THE MORGANZA TO THE GULF (MTG) LEVEE SYSTEM. THE CLOSURE CRITERIA OUTLINED BELOW ARE BASED ON PUBLICLY AVAILABLE REAL TIME GAGES LOCATED IN NEARBY WATERWAYS.



THESE PLATS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

FILE: P:\2021\2021.102\DWG\ENVIRO\REACH 3\04_SHT 19-20_NOTES & OPERATION PLAN.DWG

OPERATION PLAN			 DELTA COAST CONSULTANTS, LLC 631 S. HOLLYWOOD RD. HOUMA, LA 70360 PHONE: 985-655-3100 www.deltacoastllc.com			SCALE	
NO.	REVISION	DATE	NORTH LAFOURCHE LEVEE DISTRICT MORGANZA TO THE GULF HURRICANE PROTECTION LEVEE SYSTEM LOCKPORT TO LAROSE SEGMENT - REACH 3B LEVEE IMPROVEMENTS LAFOURCHE PARISH, LA			N/A	
01	REVISED PER COMMENTS	5/12/23				DATE	3/22/23
02	REVISED PER COMMENTS	9/26/23				PROJECT	2021.102
03	REVISED PER COMMENTS	1/18/24				SHEET NO.	20 OF 20
04	REVISED PER COMMENTS	3/21/24					
LOCKPORT, LOUISIANA			LAFOURCHE PARISH	DESIGNED BY	DRAWN BY	CHECKED BY	
				EMV	KJK		