

LEGEND

EQUIPMENT ACCESS CORRIDOR (EAC)

DREDGE PIPELINE AND EQUIPMENT ACCESS CORRIDOR (DPC/EAC)

SUBMERGED AQUATIC VEGETATION (SAV)

MARSH CREATION AREA (MCA)

MARSH CREATION BORROW AREA (MCBA)

NO WORK ZONE

SURVEY MONUMENT

TIMBER MATS

NOTES:

1.

THE DREDGE PIPELINE SHALL BE FLOATED FROM THE SHORELINE OF LAKE PONCHARTRAIN TO A MINIMUM DISTANCE OF FIVE HUNDRED FEET (500.0') FROM THE SHORELINE TO AVOID IMPACTS TO EXISTING SUBMERGED AQUATIC VEGETATION (SAV). EQUIPMENT SHALL REMAIN FLOATING AT ALL TIMES IN AREAS WHERE SAV IS PRESENT. EQUIPMENT ACCESS OR DREDGE PIPELINE PLACEMENT WITHIN FIVE HUNDRED FEET (500') OF THE SHORELINE IS ONLY ALLOWED WITHIN THE CORRIDOR SHOWN. THIS DISTANCE MAY BE INCREASED BASED ON FIELD CONDITIONS.

2.

ALL EQUIPMENT ACCESS CORRIDORS WITHIN FIVE HUNDRED FEET (500') OF THE SHORELINE ARE TWENTY FEET (20') WIDE. IN ALL OTHER AREAS, THE EQUIPMENT ACCESS CORRIDOR IS SIXTY FEET (60') WIDE.

3.

DREDGE PIPELINE AND EQUIPMENT ACCESS CORRIDOR COORDINATES PROVIDED ON SHEET 33.

4.

TIMBER MATS SHALL BE PLACED WHEN THE DREDGE PIPELINE OR THE EQUIPMENT ACCESS CORRIDOR CROSSES THE EXISTING SHORELINE OR MARSH.

PRELIMINARY

DOCUMENTS ARE NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT.

COASTAL PROTECTION AND RESTORATION AUTHORITY

150 TERRACE AVENUE
BATON ROUGE, LOUISIANA 70802

PROJECT LAYOUT

DESIGNED BY: ADAM LINSON, P.E. - 0044730
APPROVED BY: RUDY SIMONEAUX, P.E.

BAYOU CANE MARSH CREATION PROJECT

STATE PROJECT NUMBER: PO-0181
DRAWN BY: SHANE FAUST

DATE: MAY 2024

SHEET 4 OF 34

ESTIMATED QUANTITIES		
BORROW AREA	VOLUME (CY)	AREA (ACRES)
BORROW AREA	15,601,318	687



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COASTAL PROTECTION AND
RESTORATION AUTHORITY

150 TERRACE AVENUE
BATON ROUGE, LOUISIANA 70802

MARSH CREATION BORROW
AREA PLAN VIEW

DESIGNED BY: ADAM LINSON, P.E. - 0044730

APPROVED BY: RUDY SIMONEAUX, P.E.

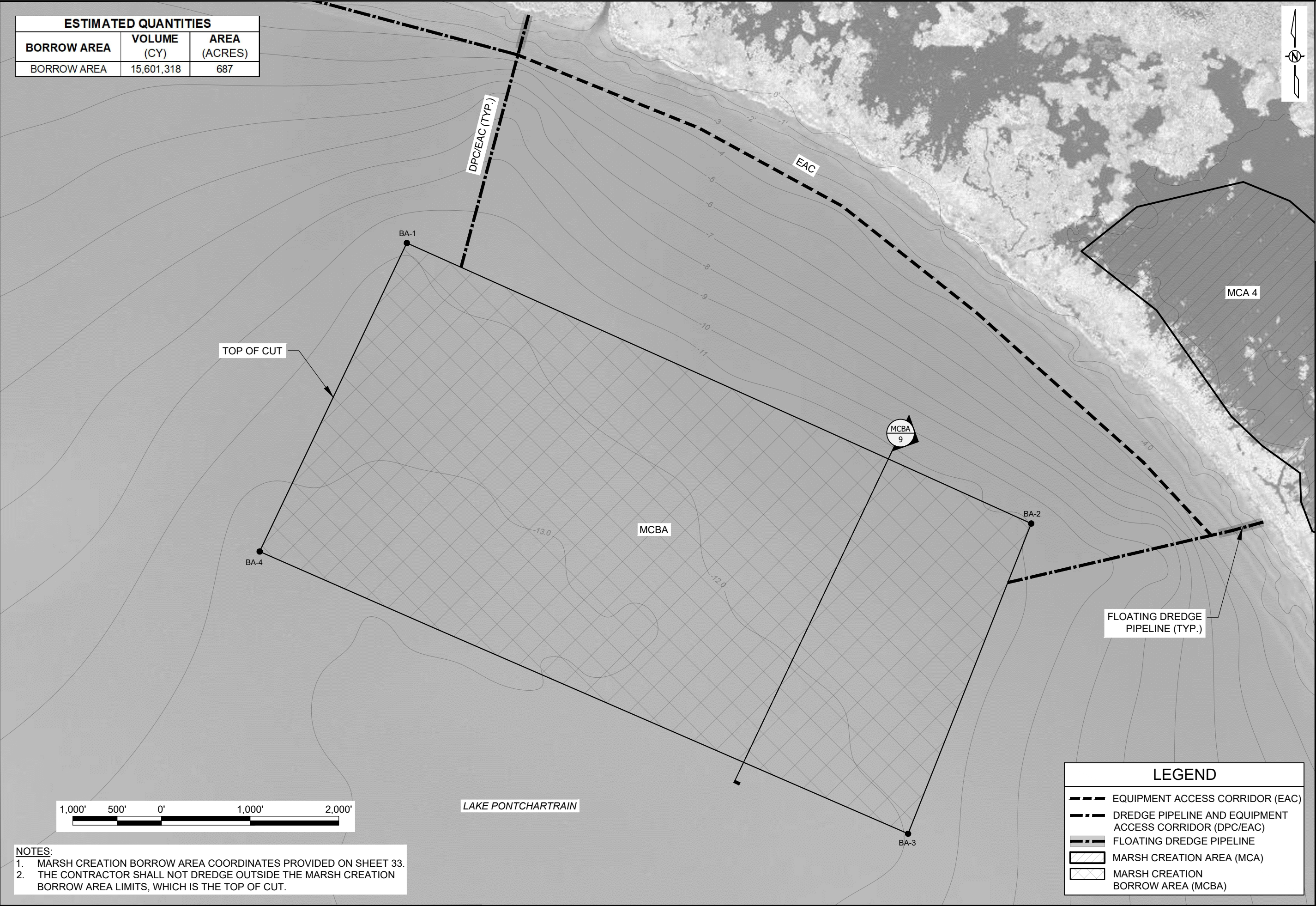
BAYOU CANE
MARSH CREATION PROJECT

STATE PROJECT NUMBER: PO-0181

DRAWN BY: SHANE FAUST

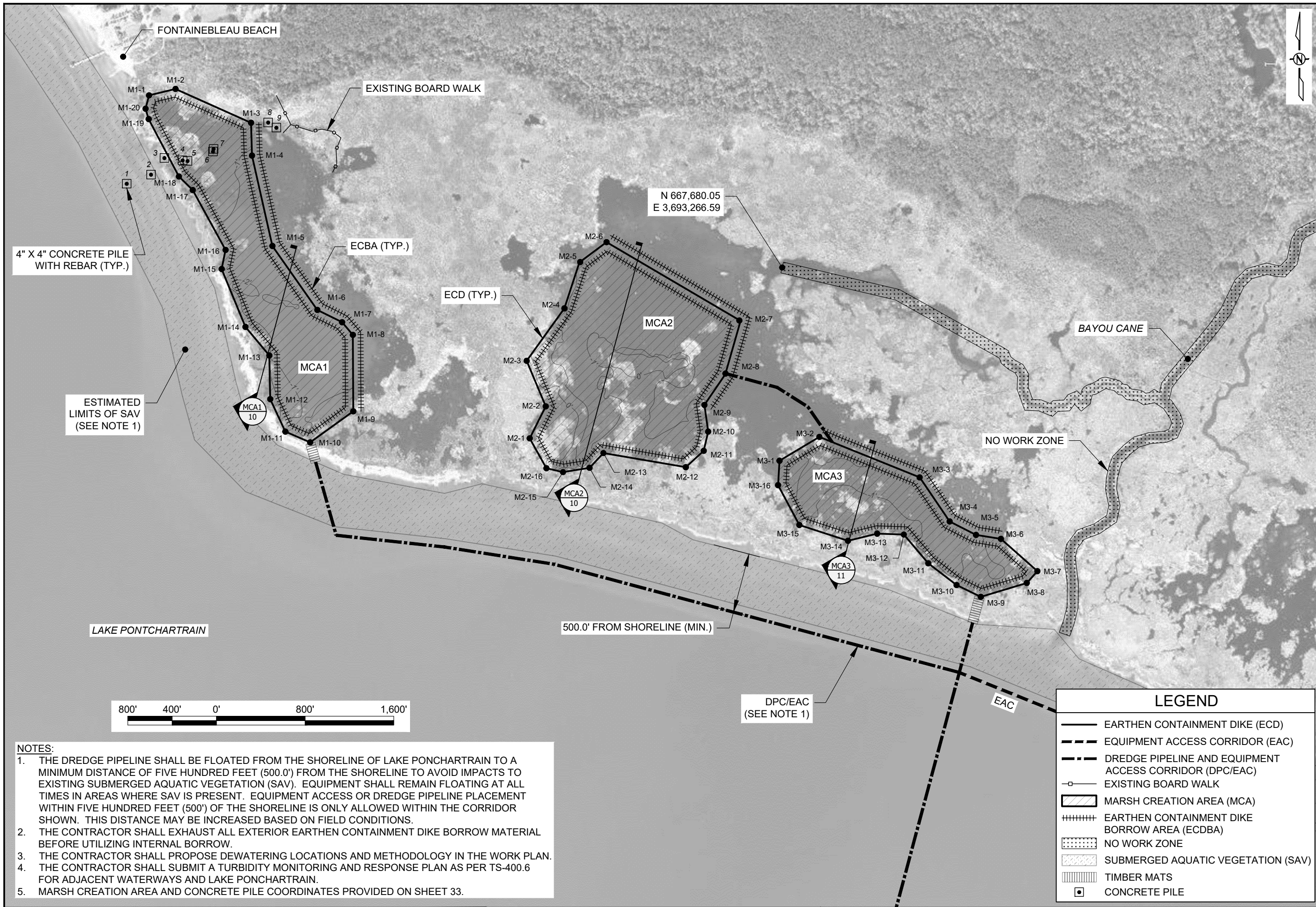
DATE: MAY 2024

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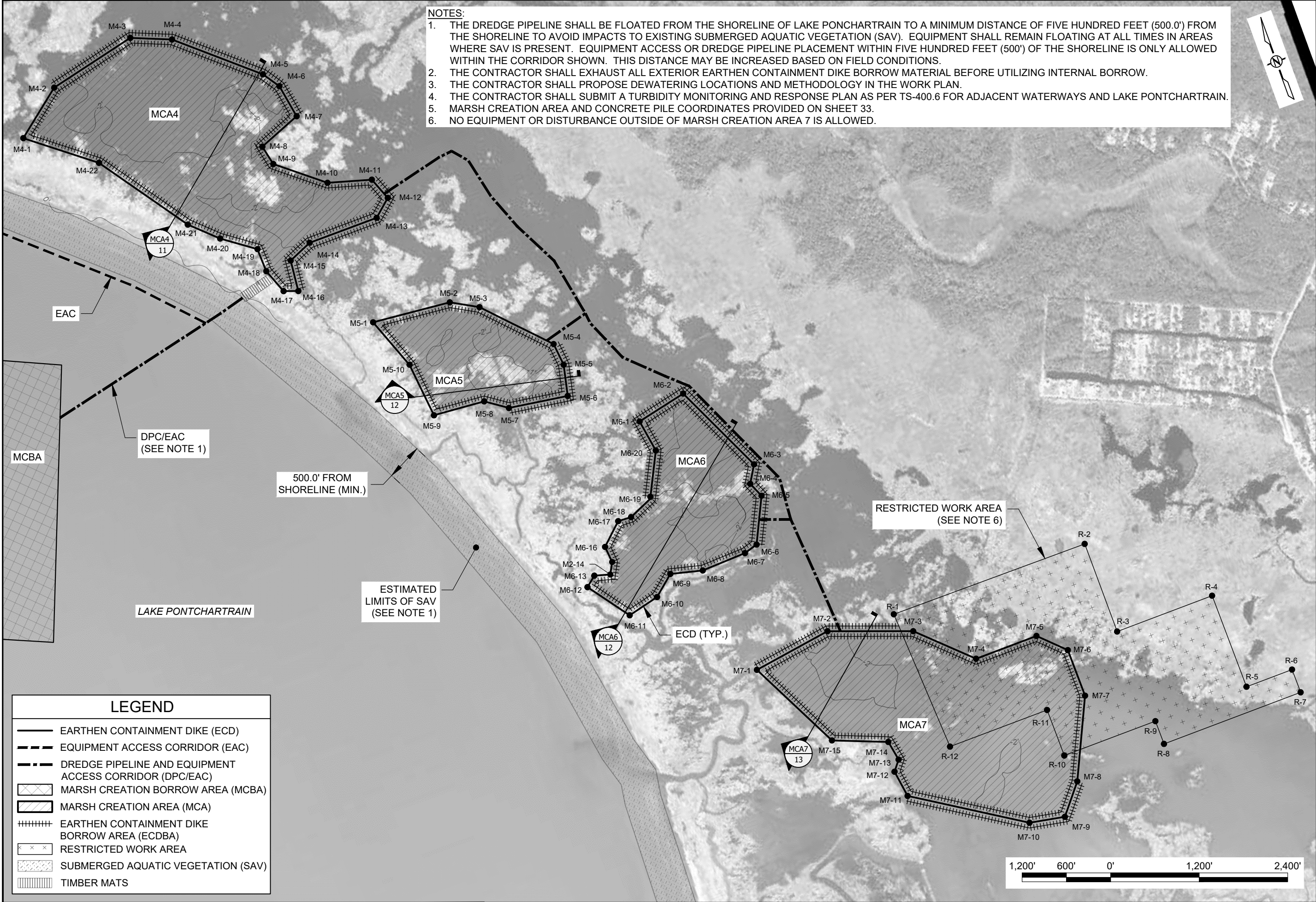


- NOTES:
- MARSH CREATION BORROW AREA COORDINATES PROVIDED ON SHEET 33.
 - THE CONTRACTOR SHALL NOT DREDGE OUTSIDE THE MARSH CREATION BORROW AREA LIMITS, WHICH IS THE TOP OF CUT.

LEGEND	
	EQUIPMENT ACCESS CORRIDOR (EAC)
	DREDGE PIPELINE AND EQUIPMENT ACCESS CORRIDOR (DPC/EAC)
	FLOATING DREDGE PIPELINE
	MARSH CREATION AREA (MCA)
	MARSH CREATION BORROW AREA (MCBA)

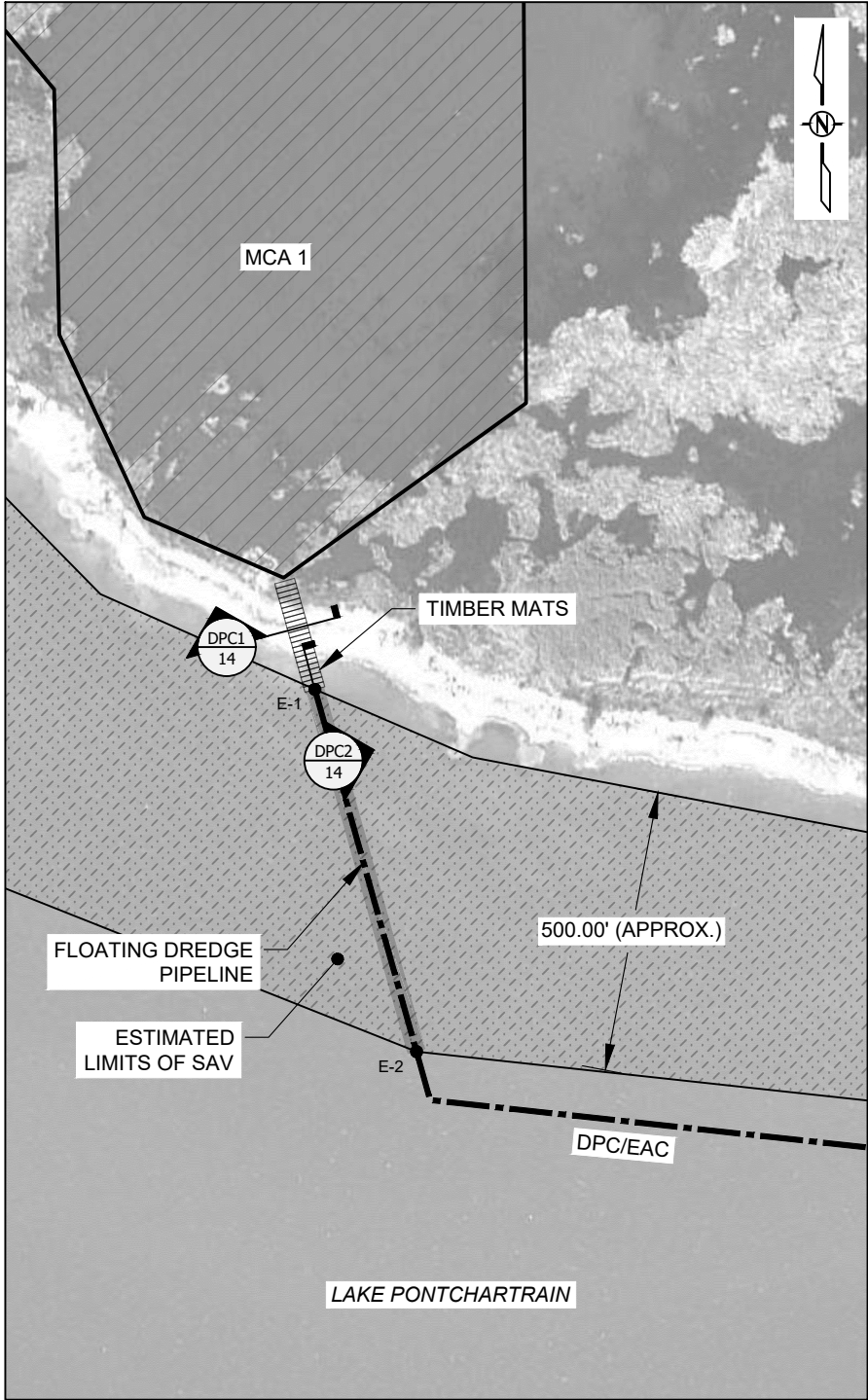


<p>PRELIMINARY</p> <p>DOCUMENTS ARE NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT.</p>	
<p>COASTAL PROTECTION AND RESTORATION AUTHORITY</p> <p>150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802</p>	
<p>MARSH CREATION AREA 1, 2 & 3 PLAN VIEW</p>	<p>DESIGNED BY: ADAM LINSON, P.E. - 0044730</p> <p>APPROVED BY: RUDY SIMONEAUX, P.E.</p>
<p>BAYOU CANE MARSH CREATION PROJECT</p>	<p>STATE PROJECT NUMBER: PO-0181</p> <p>DRAWN BY: SHANE FAUST</p>
<p>DATE: MAY 2024</p>	
<p>SHEET 6 OF 34</p>	

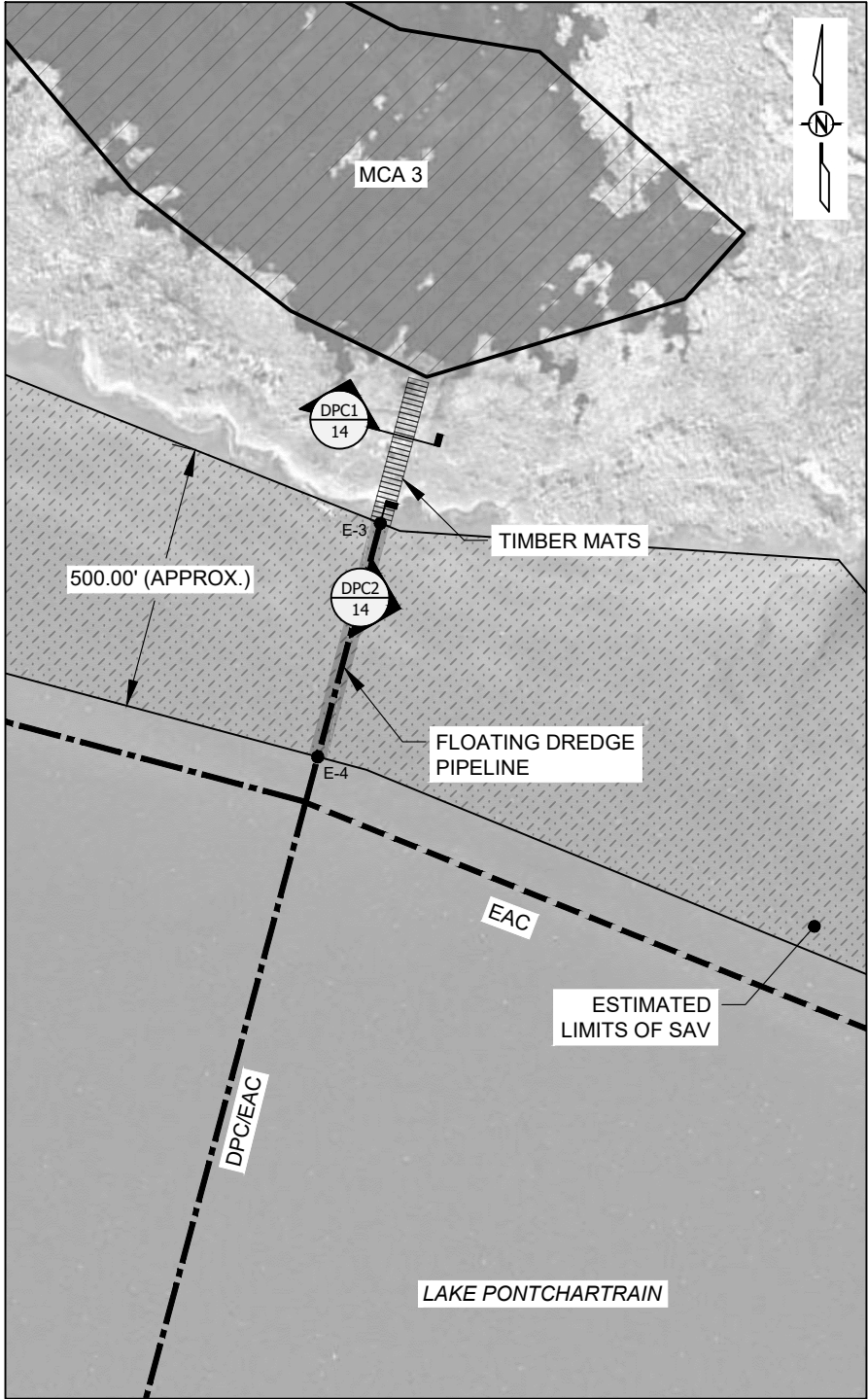


- NOTES:
1. THE DREDGE PIPELINE SHALL BE FLOATED FROM THE SHORELINE OF LAKE PONTCHARTRAIN TO A MINIMUM DISTANCE OF FIVE HUNDRED FEET (500.0') FROM THE SHORELINE TO AVOID IMPACTS TO EXISTING SUBMERGED AQUATIC VEGETATION (SAV). EQUIPMENT SHALL REMAIN FLOATING AT ALL TIMES IN AREAS WHERE SAV IS PRESENT. EQUIPMENT ACCESS OR DREDGE PIPELINE PLACEMENT WITHIN FIVE HUNDRED FEET (500') OF THE SHORELINE IS ONLY ALLOWED WITHIN THE CORRIDOR SHOWN. THIS DISTANCE MAY BE INCREASED BASED ON FIELD CONDITIONS.
 2. THE CONTRACTOR SHALL EXHAUST ALL EXTERIOR EARTHEN CONTAINMENT DIKE BORROW MATERIAL BEFORE UTILIZING INTERNAL BORROW.
 3. THE CONTRACTOR SHALL PROPOSE DEWATERING LOCATIONS AND METHODOLOGY IN THE WORK PLAN.
 4. THE CONTRACTOR SHALL SUBMIT A TURBIDITY MONITORING AND RESPONSE PLAN AS PER TS-400.6 FOR ADJACENT WATERWAYS AND LAKE PONTCHARTRAIN.
 5. MARSH CREATION AREA AND CONCRETE PILE COORDINATES PROVIDED ON SHEET 33.
 6. NO EQUIPMENT OR DISTURBANCE OUTSIDE OF MARSH CREATION AREA 7 IS ALLOWED.

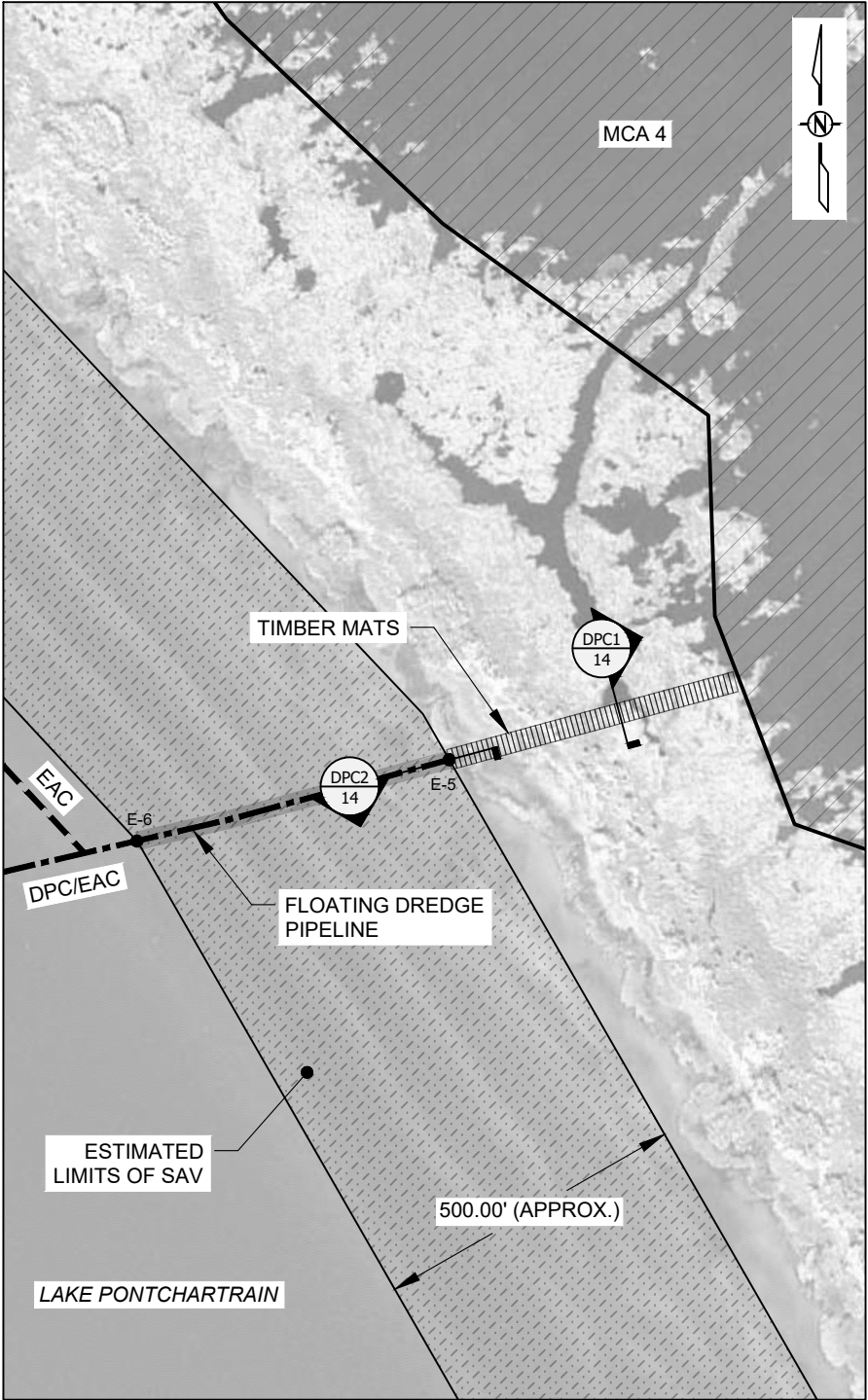
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<p>COASTAL PROTECTION AND RESTORATION AUTHORITY</p> <p>150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802</p>	
<p>MARSH CREATION AREA 4, 5, 6 & 7 PLAN VIEW</p>	<p>DESIGNED BY: ADAM LINSON, P.E. - 0044730</p> <p>APPROVED BY: RUDY SIMONEAUX, P.E.</p>
<p>BAYOU CANE MARSH CREATION PROJECT</p>	<p>STATE PROJECT NUMBER: PO-0181</p> <p>DRAWN BY: SHANE FAUST</p>
<p>DATE: MAY 2024</p>	
<p>SHEET 7 OF 34</p>	



DRAWING A



DRAWING B



DRAWING C

NOTES:

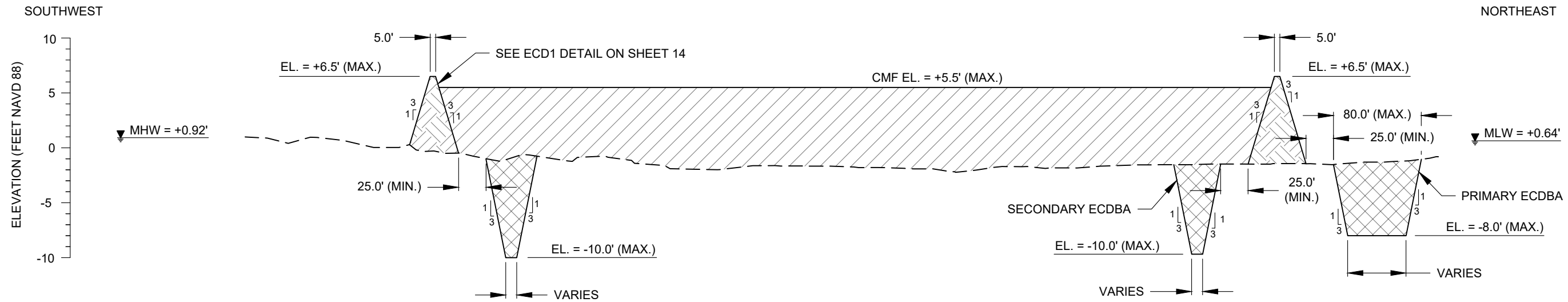
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2. TIMBER MATS SHALL BE PLACED WHEN THE DREDGE PIPELINE OR THE EQUIPMENT ACCESS CORRIDOR CROSSES THE EXISTING SHORELINE OR MARSH.
3. APPROXIMATE FLOATING DREDGE PIPELINE COORDINATES PROVIDED ON SHEET 33.

LEGEND	
	MARSH CREATION AREA (MCA)
	EARTHEN CONTAINMENT DIKE (ECD)
	DREDGE PIPELINE AND EQUIPMENT ACCESS CORRIDOR (DPC/EAC)
	EQUIPMENT ACCESS CORRIDOR (EAC)
	FLOATING DREDGE PIPELINE
	TIMBER MATS
	SUBMERGED AQUATIC VEGETATION (SAV)

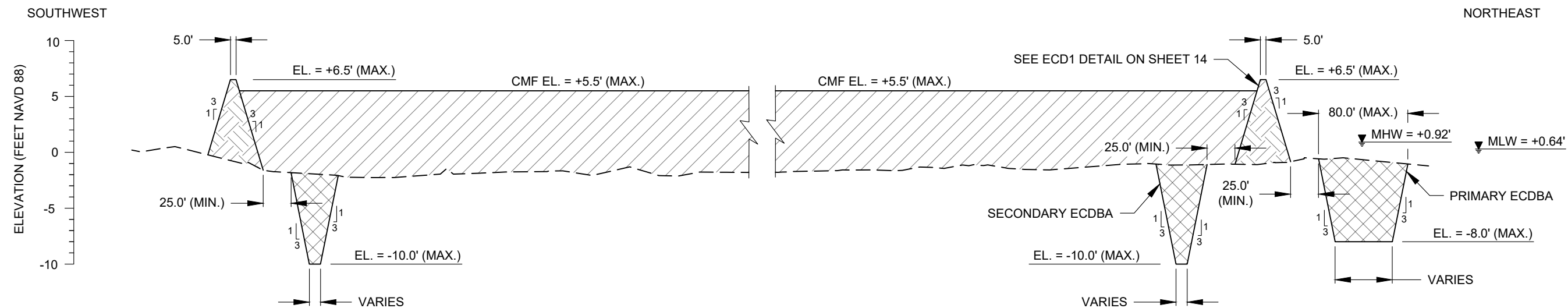
BAYOU CANE MARSH CREATION PROJECT	DREDGE PIPELINE & EQUIPMENT ACCESS CROSSING DRAWINGS	
	DESIGNED BY: ADAM LINSON, P.E. - 0044730	APPROVED BY: RUDY SIMONEAUX, P.E.
	STATE PROJECT NUMBER: PO-0181	DRAWN BY: SHANE FAUST
DATE: MAY 2024		
SHEET 8 OF 34		

COASTAL PROTECTION AND
RESTORATION AUTHORITY
150 TERRACE AVENUE
BATON ROUGE, LOUISIANA 70802

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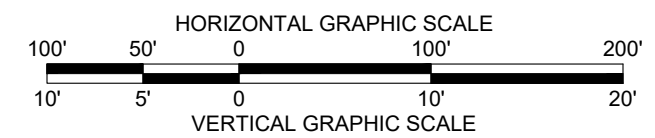


MCA1 MARSH CREATION AREA 1
6 TYPICAL SECTION



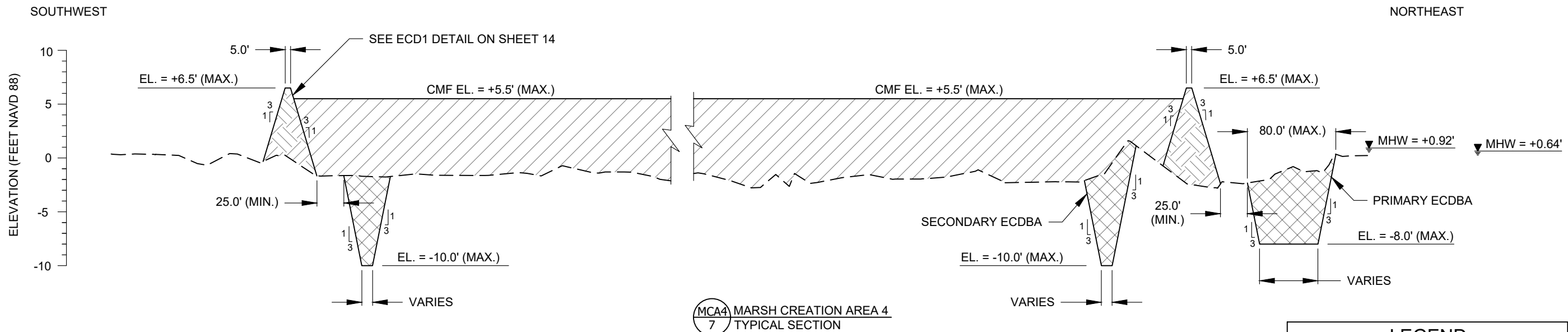
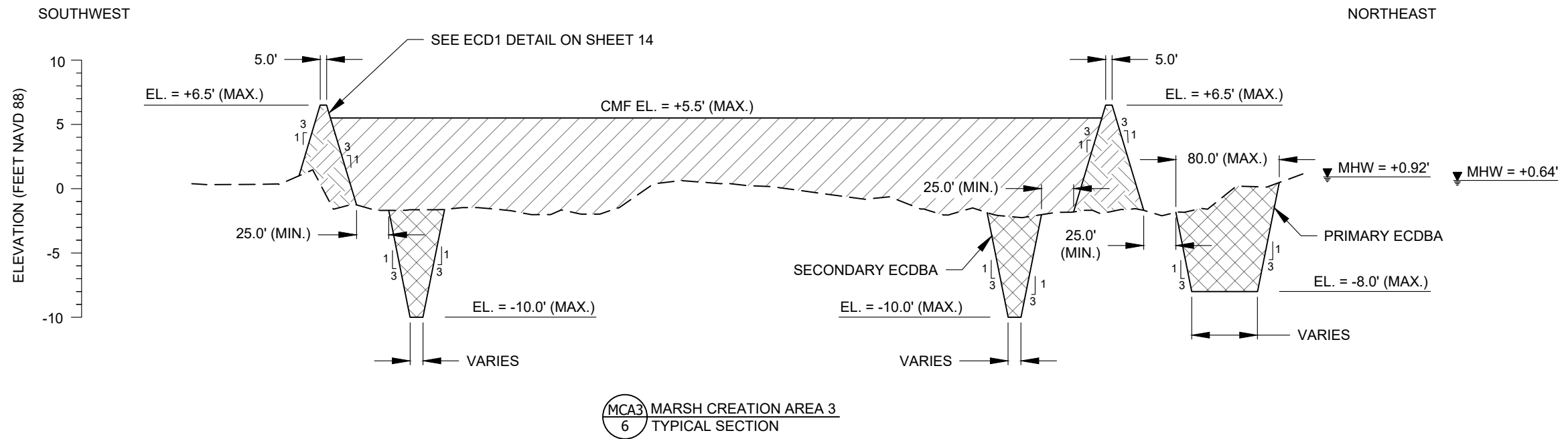
MCA2 MARSH CREATION AREA 2
6 TYPICAL SECTION

- NOTES:
1. THE EARTHEN CONTAINMENT DIKES WILL BE CONSTRUCTED USING IN-SITU MATERIAL.
 2. THE PRIMARY (EXTERIOR) BORROW AREA SHALL BE EXHAUSTED BEFORE UTILIZING THE SECONDARY (INTERIOR) BORROW AREA.
 3. A MINIMUM FREEBOARD OF 1.0' SHALL BE MAINTAINED FOR EARTHEN CONTAINMENT DIKES AT ALL TIMES.
 4. EARTHEN CONTAINMENT DIKES AND ASSOCIATED BORROW AREAS SHALL BE SURVEYED AND STAKED AS PER TS-200.8.8. STAKES SHALL REMAIN IN PLACE THROUGHOUT THE EARTHEN CONTAINMENT DIKE CONSTRUCTION.

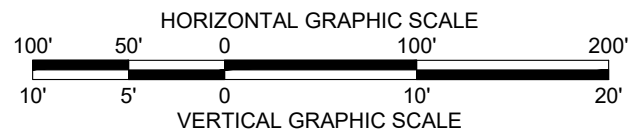


LEGEND	
---	EXISTING GROUND (EG)
	EARTHEN CONTAINMENT DIKE (ECD)
	EARTHEN CONTAINMENT DIKE BORROW AREA (ECDBA)
	MARSH CREATION AREA (MCA)

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COASTAL PROTECTION AND RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802	
MARSH CREATION AREA TYPICAL SECTIONS	DESIGNED BY: ADAM LINSON, P.E. - 0044730
	APPROVED BY: RUDY SIMONEAUX, P.E.
	DRAWN BY: SHANE FAUST
BAYOU CANE MARSH CREATION PROJECT	STATE PROJECT NUMBER: PO-0181
	DATE: MAY 2024
SHEET 10 OF 34	



- NOTES:
1. THE EARTHEN CONTAINMENT DIKS WILL BE CONSTRUCTED USING IN-SITU MATERIAL.
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LEGEND	
---	EXISTING GROUND (EG)
▨	EARTHEN CONTAINMENT DIKE (ECD)
▩	EARTHEN CONTAINMENT DIKE BORROW AREA (ECDBA)
▧	MARSH CREATION AREA (MCA)

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MARSH CREATION AREA TYPICAL SECTIONS	DESIGNED BY: ADAM LINSON, P.E. - 0044730
	APPROVED BY: RUDY SIMONEAUX, P.E.
	DRAWN BY: SHANE FAUST
BAYOU CANE MARSH CREATION PROJECT	STATE PROJECT NUMBER: PO-0181
	DATE: MAY 2024
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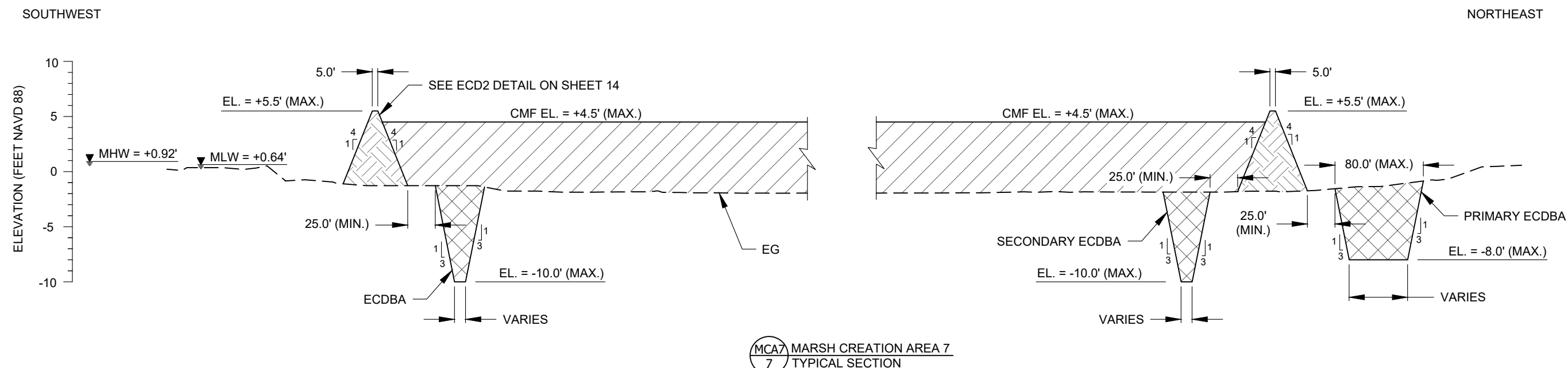
COASTAL PROTECTION AND
RESTORATION AUTHORITY
150 TERRACE AVENUE
BATON ROUGE, LOUISIANA 70802

DESIGNED BY: ADAM LINSON, P.E. - 0044730

BAYOU CANE MARSH CREATION PROJECT	STATE PROJECT NUMBER: PO-0181
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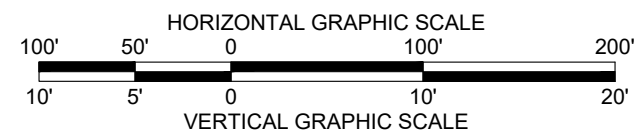
DATE: MAY 2024

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NOTES:

1. THE EARTHEN CONTAINMENT DIKES WILL BE CONSTRUCTED USING IN-SITU MATERIAL.
2. THE PRIMARY (EXTERIOR) BORROW AREA SHALL BE EXHAUSTED BEFORE UTILIZING THE SECONDARY (INTERIOR) BORROW AREA.
3. A MINIMUM FREEBOARD OF 1.0' SHALL BE MAINTAINED FOR EARTHEN CONTAINMENT DIKES AT ALL TIMES.
4. EARTHEN CONTAINMENT DIKES AND ASSOCIATED BORROW AREAS SHALL BE SURVEYED AND STAKED AS PER TS-200.8.8. STAKES SHALL REMAIN IN PLACE THROUGHOUT THE EARTHEN CONTAINMENT DIKE CONSTRUCTION.

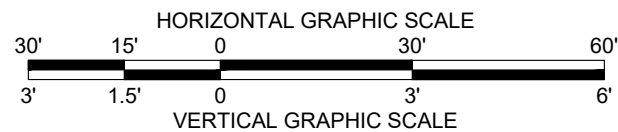


LEGEND

- EXISTING GROUND (EG)
 EARTHEN CONTAINMENT DIKE (ECD)
 EARTHEN CONTAINMENT DIKE
BORROW AREA (ECDBA)
 MARSH CREATION AREA (MCA)



The figure displays two graphic scales. The top scale is labeled 'HORIZONTAL GRAPHIC SCALE' and has markings at 30', 15', 0, 30', and 60'. The bottom scale is labeled 'VERTICAL GRAPHIC SCALE' and has markings at 3', 1.5', 0, 3', and 6'.



The diagram shows a typical section of the Dredge Pipeline & Equipment Corridor (DPC2). The vertical axis represents ELEVATION (FEET NAVD 88), ranging from -5 to 5. The horizontal axis represents distance, with a typical SAV (500.0' TYP.) indicated. Key components labeled include:

- DREDGE PIPELINE:** A thick horizontal line representing the pipeline.
- PONTOON (TYP.):** A hatched rectangular structure supporting the pipeline.
- APROX. WATER EL.:** A dashed line indicating the approximate water elevation.
- EWB (Equipment Width):** A dashed line representing the width of the equipment corridor.
- TIMBER MATS:** A series of small rectangular blocks at the end of the pipeline section.

The diagram is titled **DPC2 DREDGE PIPELINE & EQUIPMENT CORRIDOR** and is labeled **8 TYPICAL SECTION**.

The figure shows two graphic scales. The top scale is labeled 'HORIZONTAL GRAPHIC SCALE' and has markings for 30', 15', 0, 30', and 60'. The bottom scale is labeled 'VERTICAL GRAPHIC SCALE' and has markings for 3', 1.5', 0, 3', and 6'.

COASTAL PROTECTION AND
RESTORATION AUTHORITY
150 TERRACE AVENUE
BATON ROUGE, LOUISIANA 70802

EARTHEN CONTAINMENT DIKE DETAILS & DREDGE PIPELINE CORRIDOR TYPICAL SECTIONS

DESIGNED BY: ADAM LINSON, P.E. - 0044730

APPROVED BY: RUDY SIMONEAUX, P.E.

BAYOU CANE
MARSH CREATION PROJECT

STATE PROJECT NUMBER: PO-0181

DRAWN BY: SHANE FAUST

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SHEET 14 OF 34