

WEEKS MARINE, INC.

STATE OF LOUISIANA

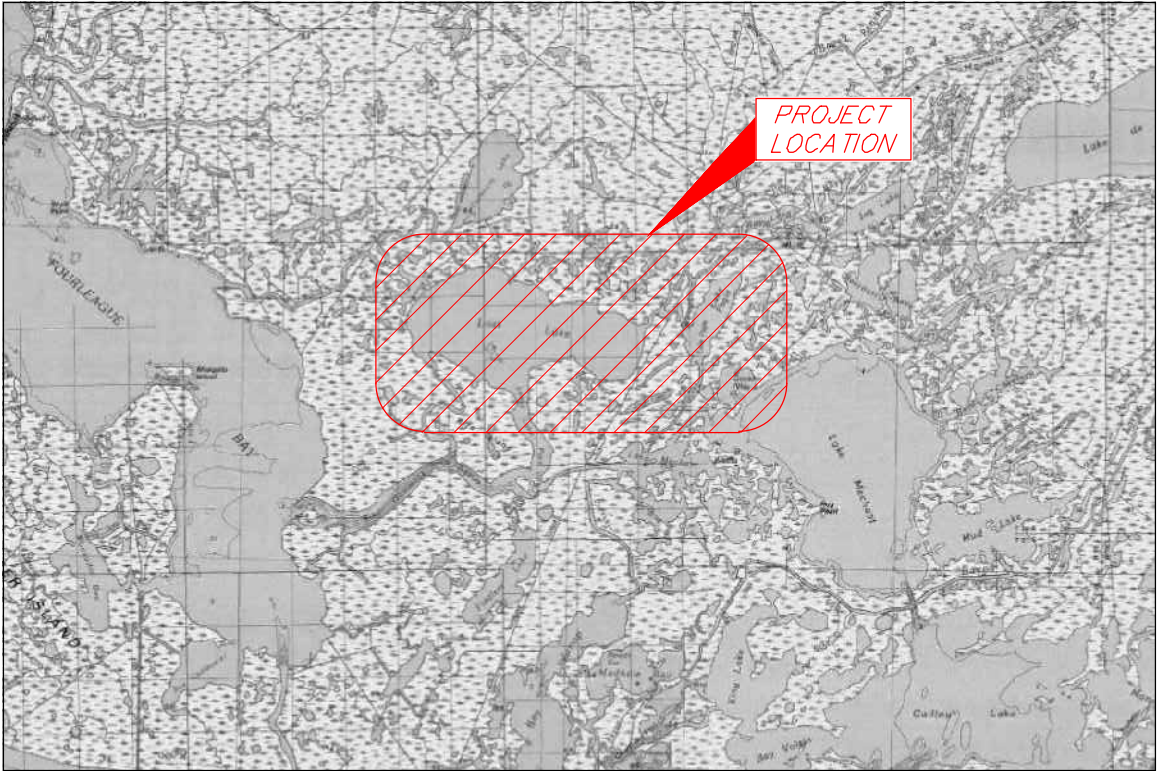
COASTAL PROTECTION AND RESTORATION AUTHORITY

LOST LAKE MARSH CREATION AND HYDROLOGIC RESTORATION PROJECT (TE-72)

TOPOGRAPHIC ORTHOMETRIC HEIGHT SURVEY

MARSH CREATION AREA 2B WEST

TERREBONNE PARISH, LOUISIANA



VICINITY MAP (N.T.S.)

INDEX TO SHEETS

SHEET NO.	DESCRIPTION
1	TITLE PAGE
2	OVERALL PLAN VIEW
3	MARSH CREATION AREA 2B WEST TRANSECTS PLAN VIEW
4	MARSH CREATION AREA 2B WEST CONTOUR PLAN VIEW



THIS MAP REPRESENTS AN ACTUAL FIELD SURVEY MADE UNDER DIRECT SUPERVISION OF THE UNDERSIGNED

Keith J. Roberts

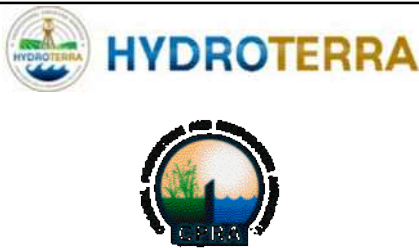
KEITH J. ROBERTS, PLS # 4780
HYDROTERRA TECHNOLOGIES, LLC
LAND SURVEYING FIRM NO. 614
212 JACOBS RUN
SCOTT, LOUISIANA 70583
(337) 706-8219

MARSH CREATION AREA 2B WEST

LOST LAKE MARSH CREATION AND
HYDROLOGIC RESTORATION (TE-72)
TOPOGRAPHIC ORTHOMETRIC HEIGHT SURVEY
MARSH CREATION AREA 2B WEST

TITLE PAGE
TERREBONNE PARISH, LA

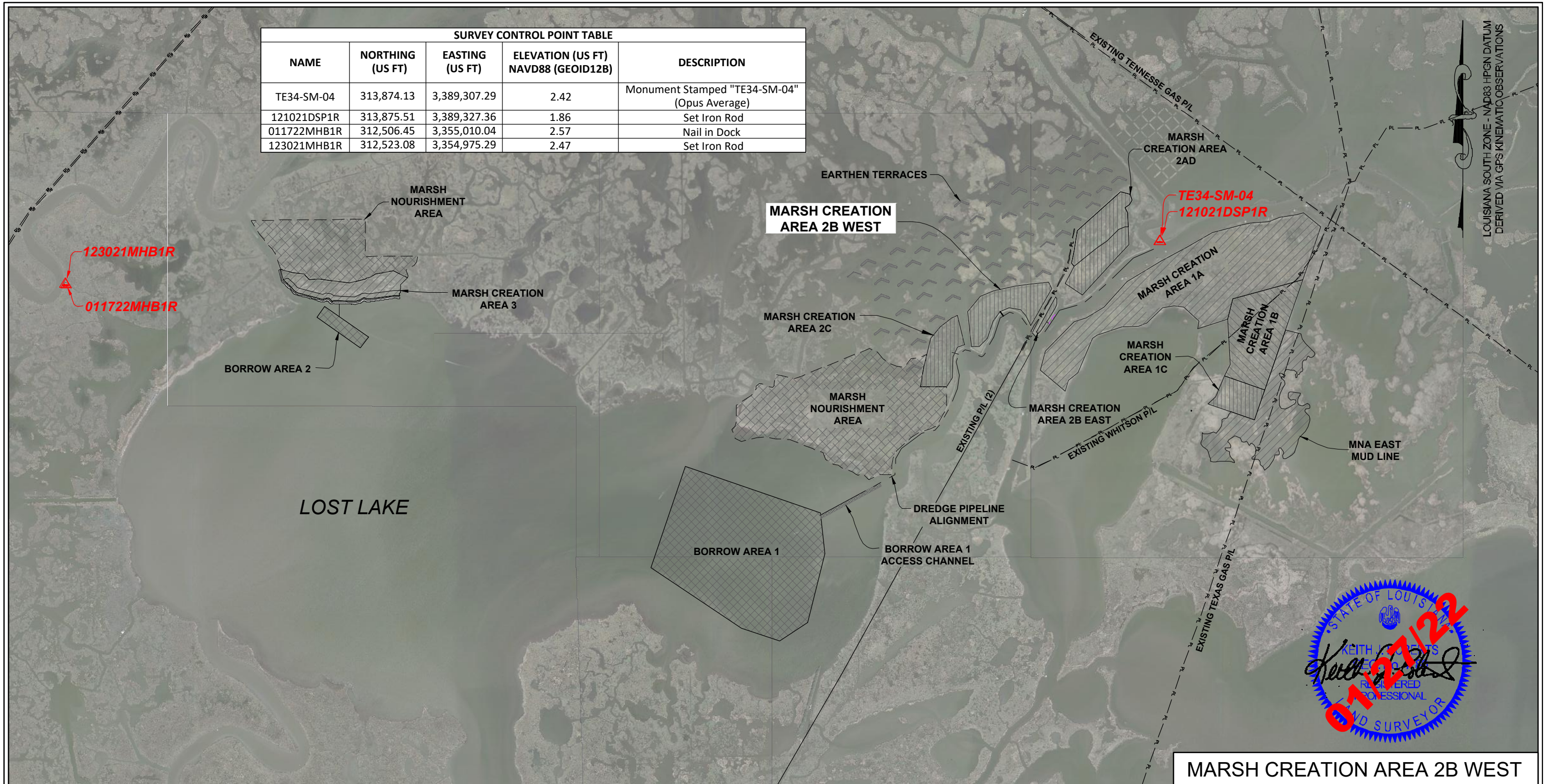
REVISED BY:	DATE:
PLAN SCALE SCALE: NTS	
DATE: 01/27/2022	JOB# 2211085



PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 212 JACOBS RUN, SCOTT, LA 70583

FILE: MCA2B WEST Marsh Creation Orthometric Height Survey (01-27-22).dwg

SURVEY CONTROL POINT TABLE				
NAME	NORTHING (US FT)	EASTING (US FT)	ELEVATION (US FT) NAVD88 (GEOID12B)	DESCRIPTION
TE34-SM-04	313,874.13	3,389,307.29	2.42	Monument Stamped "TE34-SM-04" (Opus Average)
121021DSP1R	313,875.51	3,389,327.36	1.86	Set Iron Rod
011722MHB1R	312,506.45	3,355,010.04	2.57	Nail in Dock
123021MHB1R	312,523.08	3,354,975.29	2.47	Set Iron Rod



STATE OF LOUISIANA
KEITH JACOBS
REGISTERED
PROFESSIONAL
LAND SURVEYOR
01/27/22

NOTES:
1. ALL HORIZONTAL COORDINATES ARE BASED ON LOUISIANA SOUTH ZONE - NAD83 HPGN DATUM, US SURVEY FOOT AS DERIVED FROM PROJECT CONTROL MONUMENT "TE34-SM-04."
2. ELEVATIONS ARE BASED ON NAVD 88 US SURVEY FEET (GEOID03) AS DERIVED FROM PROJECT CONTROL MONUMENT "TE34-SM-04."
3. SURVEY DATA ACQUISITION PERFORMED USING RTK POLING METHOD.
4. THIS DRAWING INDICATES GENERAL CONDITIONS AT THE TIME OF SURVEY.
5. TOPOGRAPHIC ORTHOMETRIC SURVEY DATA ACQUISITION WAS PERFORMED BY HYDROTERRA TECHNOLOGIES, LLC ON 01-03-22, 01-05-22, 01-07-22 AND 01-11-22.

LEGEND	
— PL —	EXISTING PIPELINE (PER CONTRACT DRAWING)
— . . . —	EXISTING PIPELINE (PROBED)
	BORROW AREA
	MARSH NOURISHMENT AREA
	MARSH CREATION AREA
	EARTHEN TERRACE
	SURVEY CONTROL POINT

REVISED BY: DATE:

HORIZONTAL SCALE
1" = 3000'

3000' 0' 1500' 3000'

DATE: 01/27/2022 JOB# 2211085

HYDROTERRA

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MARSH CREATION AREA 2B WEST

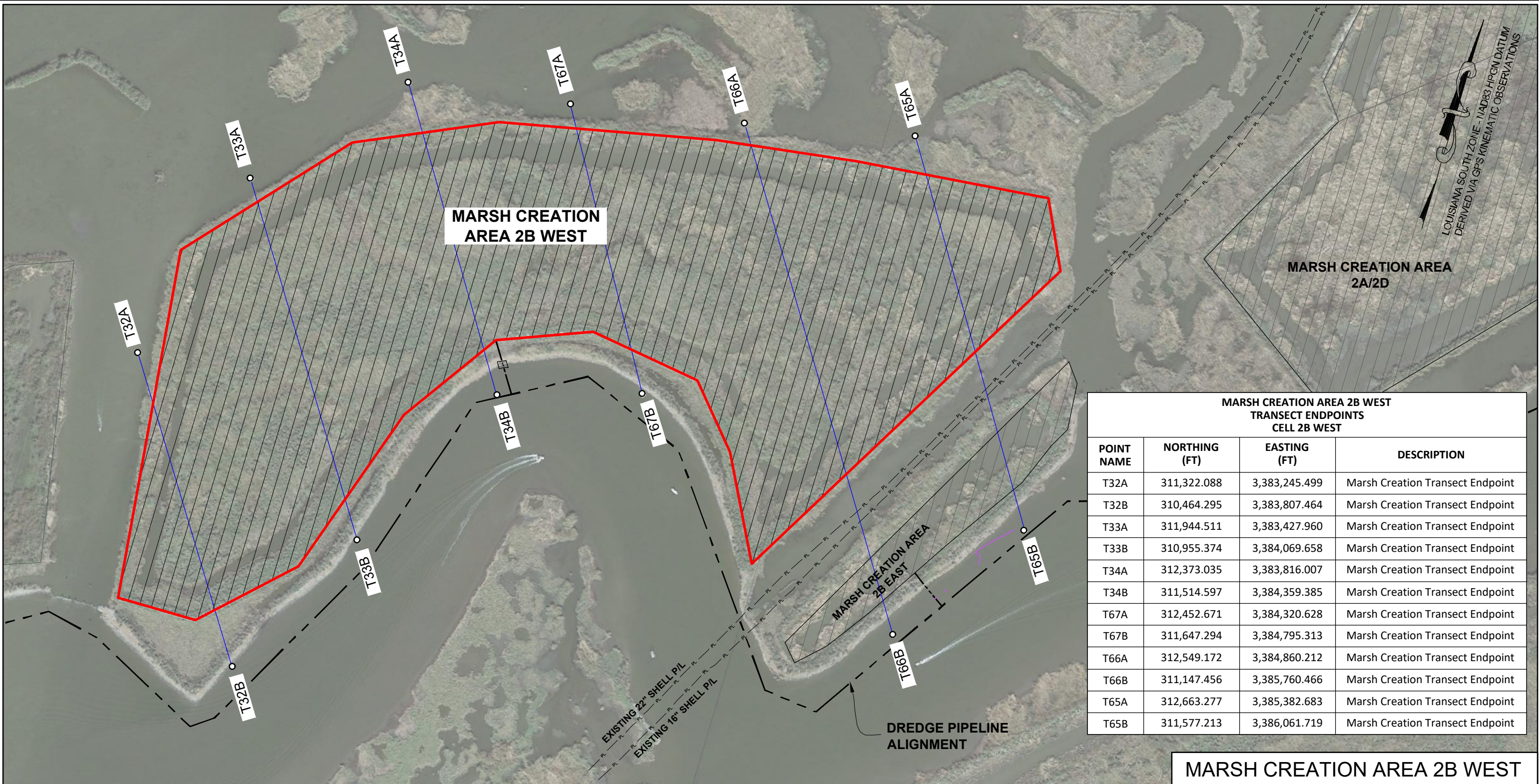
LOST LAKE MARSH CREATION AND HYDROLOGIC RESTORATION (TE-72)

TOPOGRAPHIC ORTHOMETRIC HEIGHT SURVEY

MARSH CREATION AREA 2B WEST

OVERALL PLAN VIEW
TERREBONNE PARISH, LA

SHEET: 2 OF 4



MARSH CREATION AREA 2B WEST TRANSECT ENDPOINTS CELL 2B WEST			
POINT NAME	NORTHING (FT)	EASTING (FT)	DESCRIPTION
T32A	311,322.088	3,383,245.499	Marsh Creation Transect Endpoint
T32B	310,464.295	3,383,807.464	Marsh Creation Transect Endpoint
T33A	311,944.511	3,383,427.960	Marsh Creation Transect Endpoint
T33B	310,955.374	3,384,069.658	Marsh Creation Transect Endpoint
T34A	312,373.035	3,383,816.007	Marsh Creation Transect Endpoint
T34B	311,514.597	3,384,359.385	Marsh Creation Transect Endpoint
T67A	312,452.671	3,384,320.628	Marsh Creation Transect Endpoint
T67B	311,647.294	3,384,795.313	Marsh Creation Transect Endpoint
T66A	312,549.172	3,384,860.212	Marsh Creation Transect Endpoint
T66B	311,147.456	3,385,760.466	Marsh Creation Transect Endpoint
T65A	312,663.277	3,385,382.683	Marsh Creation Transect Endpoint
T65B	311,577.213	3,386,061.719	Marsh Creation Transect Endpoint

LEGEND

CONTAINMENT DIKE ALIGNMENT

MARSH CREATION TRANSECTS

REVISED BY: DATE:

HORIZONTAL SCALE

1" = 300'

300'

0'

150'

300'

DATE: 01/27/2022

JOB# 2211085

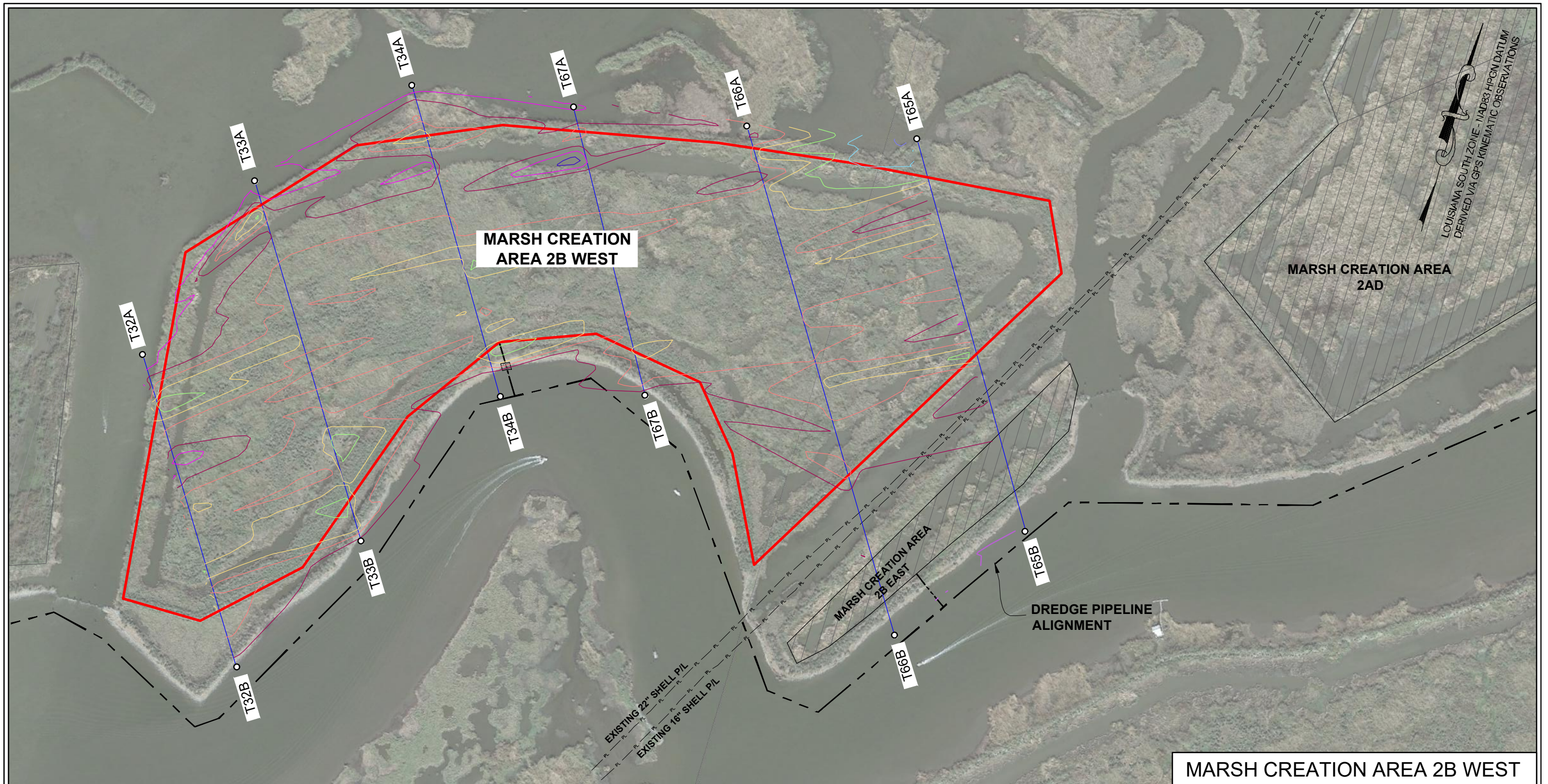
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MARSH CREATION AREA 2B WEST

LOST LAKE MARSH CREATION AND
HYDROLOGIC RESTORATION (TE-72)
TOPOGRAPHIC ORTHOMETRIC HEIGHT SURVEY
MARSH CREATION AREA 2B WEST
TRANSECTS PLAN VIEW
TERREBONNE PARISH, LA

FILE: MCA2B WEST Marsh Creation Orthometric Height Survey (01-27-22).dwg

SHEET: 3 OF 4



CONTOUR LINE LEGEND	
	CONTOUR LINE
	CONTOUR ELEVATION (-2')
	CONTOUR ELEVATION (-1')
	CONTOUR ELEVATION (0')
	CONTOUR ELEVATION (1')
	CONTOUR ELEVATION (2')
	CONTOUR ELEVATION (3')
	CONTOUR ELEVATION (4')
	CONTOUR ELEVATION (5')

LEGEND	
	CONTAINMENT DIKE ALIGNMENT
	MARSH CREATION SURVEY TRANSECT

REVISED BY:	DATE:
HORIZONTAL SCALE 1" = 300'	
DATE: 01/27/2022	JOB# 2211085

**HYDROTERRA**

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MARSH CREATION AREA 2B WEST	
CONTOUR PLAN VIEW	
TERREBONNE PARISH, LA	
FILE: MCA2B WEST Marsh Creation Orthometric Height Survey (01-27-22).dwg	SHEET: 4 OF 4