

WEEKS MARINE, INC.

STATE OF LOUISIANA

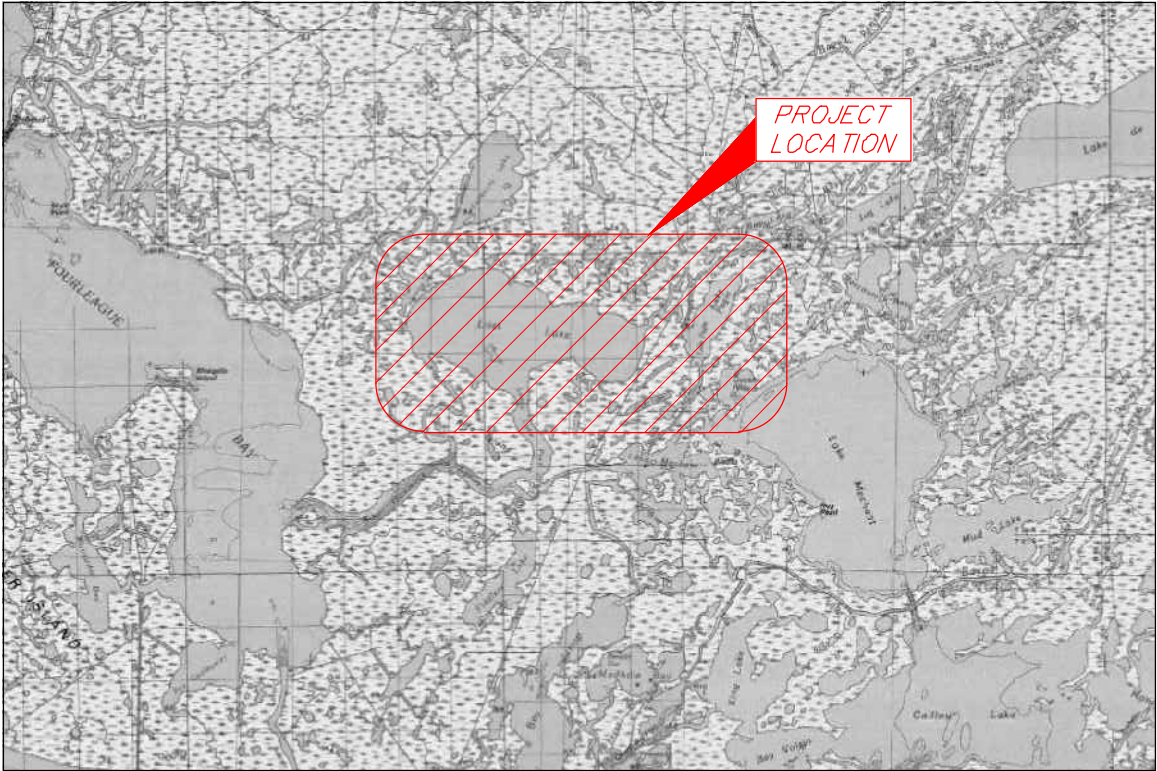
COASTAL PROTECTION AND RESTORATION AUTHORITY

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

TOPOGRAPHIC ORTHOMETRIC HEIGHT SURVEY

MARSH CREATION AREA 2C

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 2C TRANSECTS PLAN VIEW
4	MARSH CREATION AREA 2C 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

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



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

FILE: MCA2C Marsh Creation Orthometric Height Survey (01-27-22).dwg

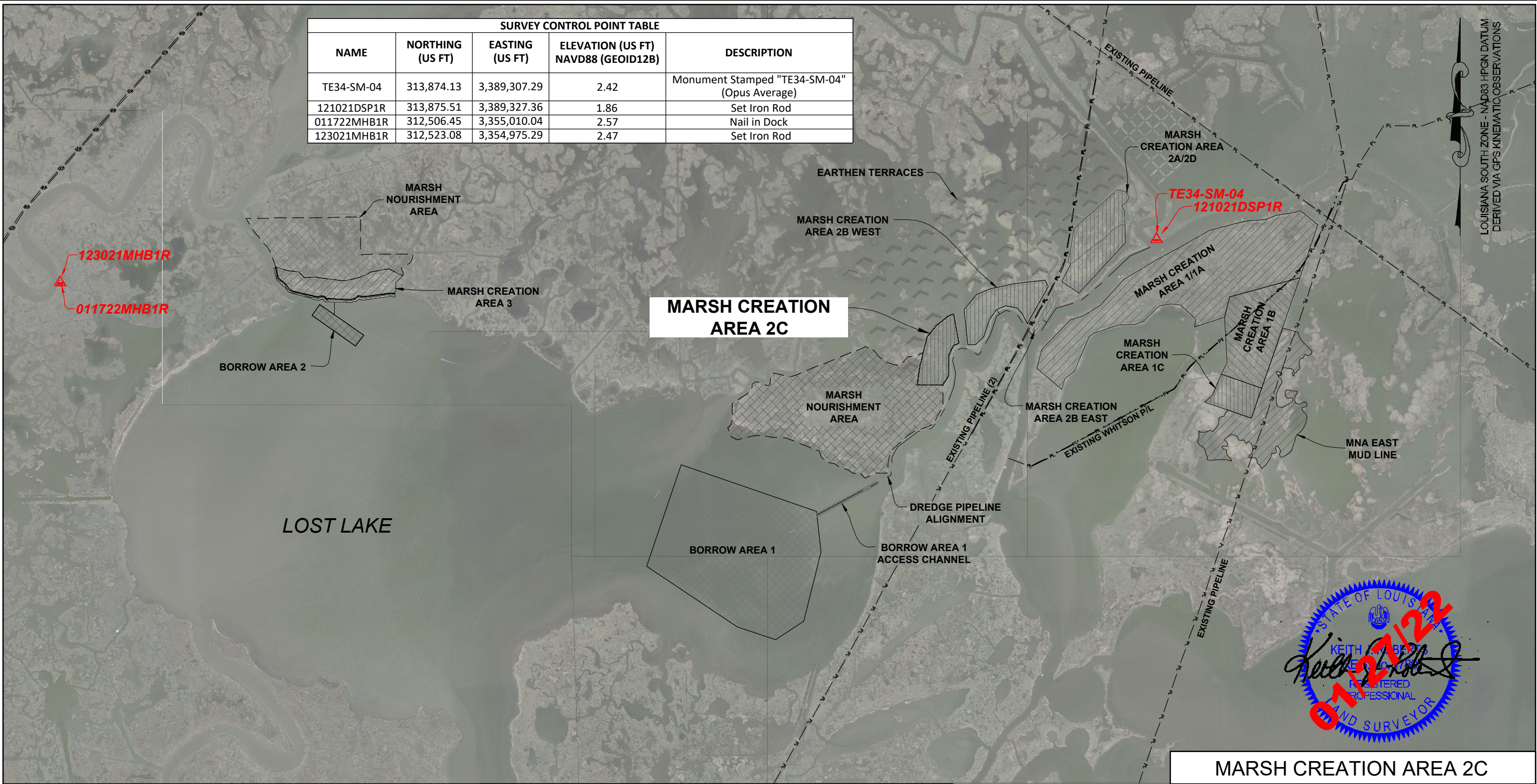
SHEET: 1 OF 4

MARSH CREATION AREA 2C

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

TITLE PAGE
TERREBONNE PARISH, LA

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



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 01-05-22, 01-06-22, 01-07-22 AND 01-11-22.

LEGEND	
	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

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

FILE: MCA2C Marsh Creation Orthometric Height Survey (01-27-22).dwg

MARSH CREATION AREA 2C

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

TOPOGRAPHIC ORTHOMETRIC HEIGHT SURVEY

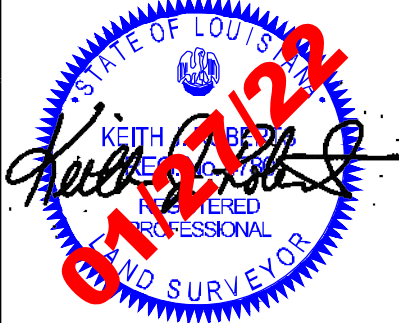
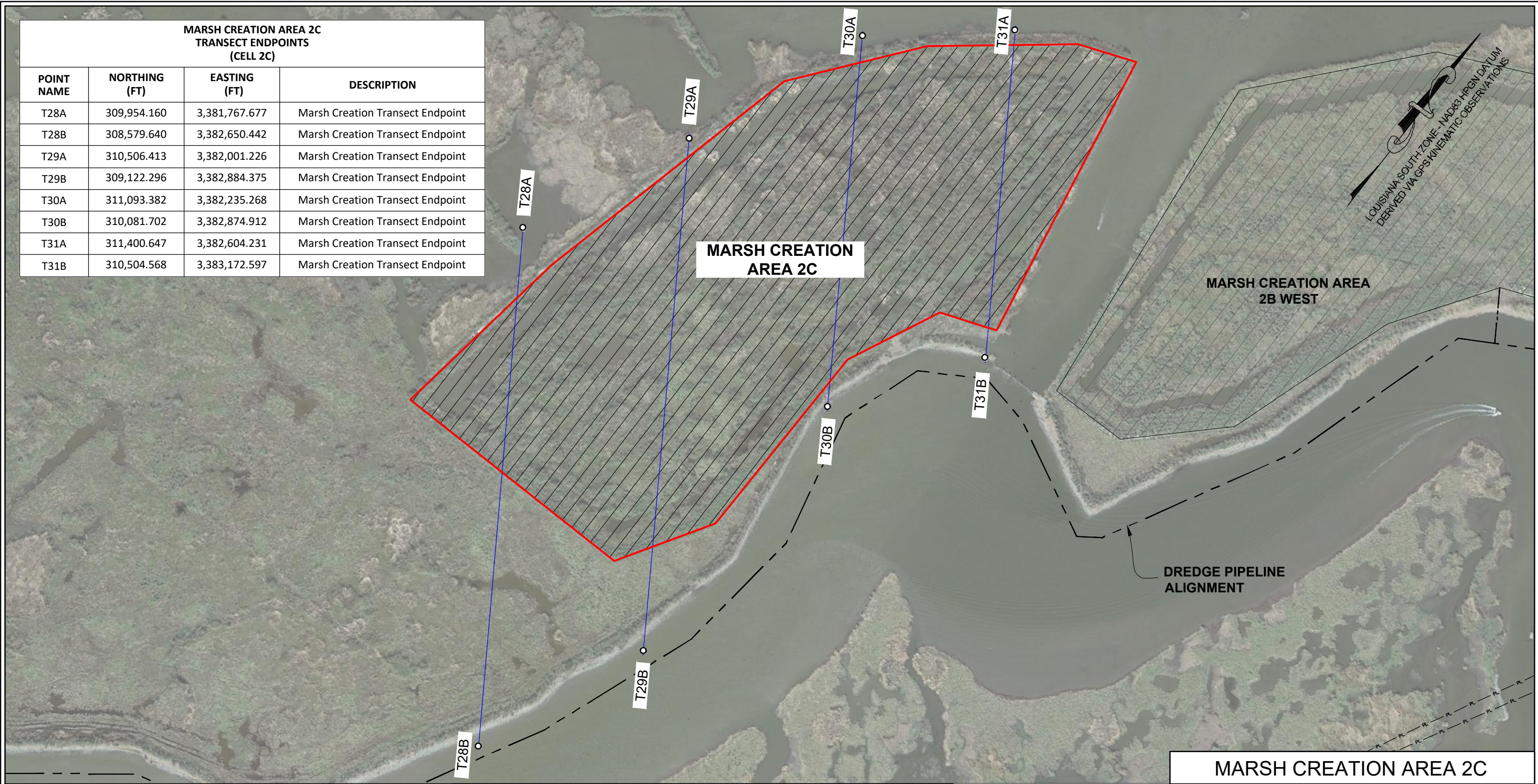
MARSH CREATION AREA 2C

OVERALL PLAN VIEW

TERREBONNE PARISH, LA

SHEET: 2 OF 4

MARSH CREATION AREA 2C TRANSECT ENDPOINTS (CELL 2C)			
POINT NAME	NORTHING (FT)	EASTING (FT)	DESCRIPTION
T28A	309,954.160	3,381,767.677	Marsh Creation Transect Endpoint
T28B	308,579.640	3,382,650.442	Marsh Creation Transect Endpoint
T29A	310,506.413	3,382,001.226	Marsh Creation Transect Endpoint
T29B	309,122.296	3,382,884.375	Marsh Creation Transect Endpoint
T30A	311,093.382	3,382,235.268	Marsh Creation Transect Endpoint
T30B	310,081.702	3,382,874.912	Marsh Creation Transect Endpoint
T31A	311,400.647	3,382,604.231	Marsh Creation Transect Endpoint
T31B	310,504.568	3,383,172.597	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

 **HYDROTERRA**

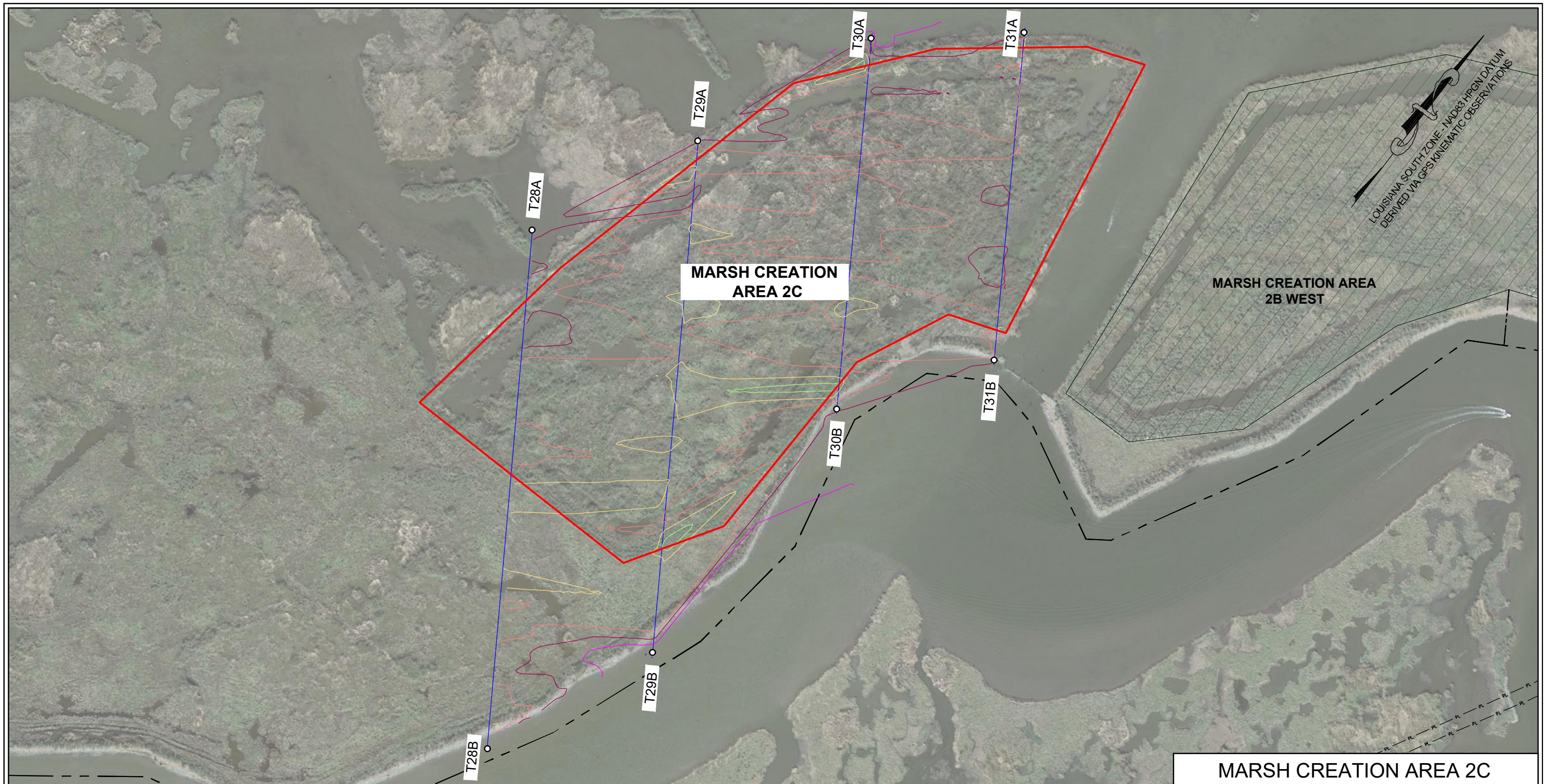


PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 212 JACOBS RUN, SCOTT, LA 70583

MARSH CREATION AREA 2C

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

FILE: MCA2C Marsh Creation Orthometric Height Survey (01-27-22).dwg SHEET: 3 OF 4



	CONTOUR LINE LEGEND		LEGEND		REVISED BY: DATE:				LOST LAKE MARSH CREATION AND HYDROLOGIC RESTORATION (TE-72) TOPOGRAPHIC ORTHOMETRIC HEIGHT SURVEY MARSH CREATION AREA 2C CONTOUR PLAN VIEW TERREBONNE PARISH, LA	
		CONTOUR LINE		CONTAINMENT DIKE ALIGNMENT			HORIZONTAL SCALE 1" = 300' 			
		CONTOUR ELEVATION (-2')		MARSH CREATION SURVEY TRANSECT						
		CONTOUR ELEVATION (-1')					PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 212 JACOBS RUN, SCOTT, LA 70583			
		CONTOUR ELEVATION (0')			DATE: 01/27/2022		JOB# 2211085		FILE: MCA2C Marsh Creation Orthometric Height Survey (01-27-22).dwg	
		CONTOUR ELEVATION (1')							SHEET: 4 OF 4	
		CONTOUR ELEVATION (2')								
		CONTOUR ELEVATION (3')								
		CONTOUR ELEVATION (4')								
		CONTOUR ELEVATION (5')								