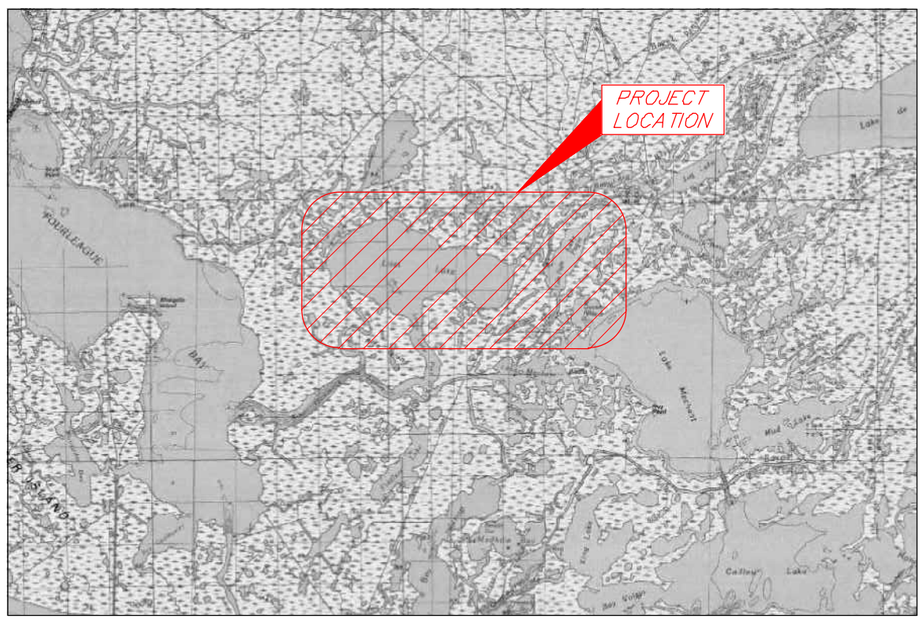
WEEKS MARINE, INC.

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 1C

TERREBONNE PARISH, LOUISIANA



VICINITY MAP (N.T.S.)

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3	MARSH CREATION AREA 1C TRANSECTS PLAN VIEW
4	MARSH CREATION AREA 1C CONTOUR PLAN VIEW

STATE OF LOUISIANA
KEITH J. ROBERTS
REG. No. 4780
REGISTERED PROFESSIONAL LAND SURVEYOR
01/27/22

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

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

REVISED BY:	DATE:

PLAN SCALE
SCALE: NTS

NTS NTS NTS NTS

HYDROTERRA

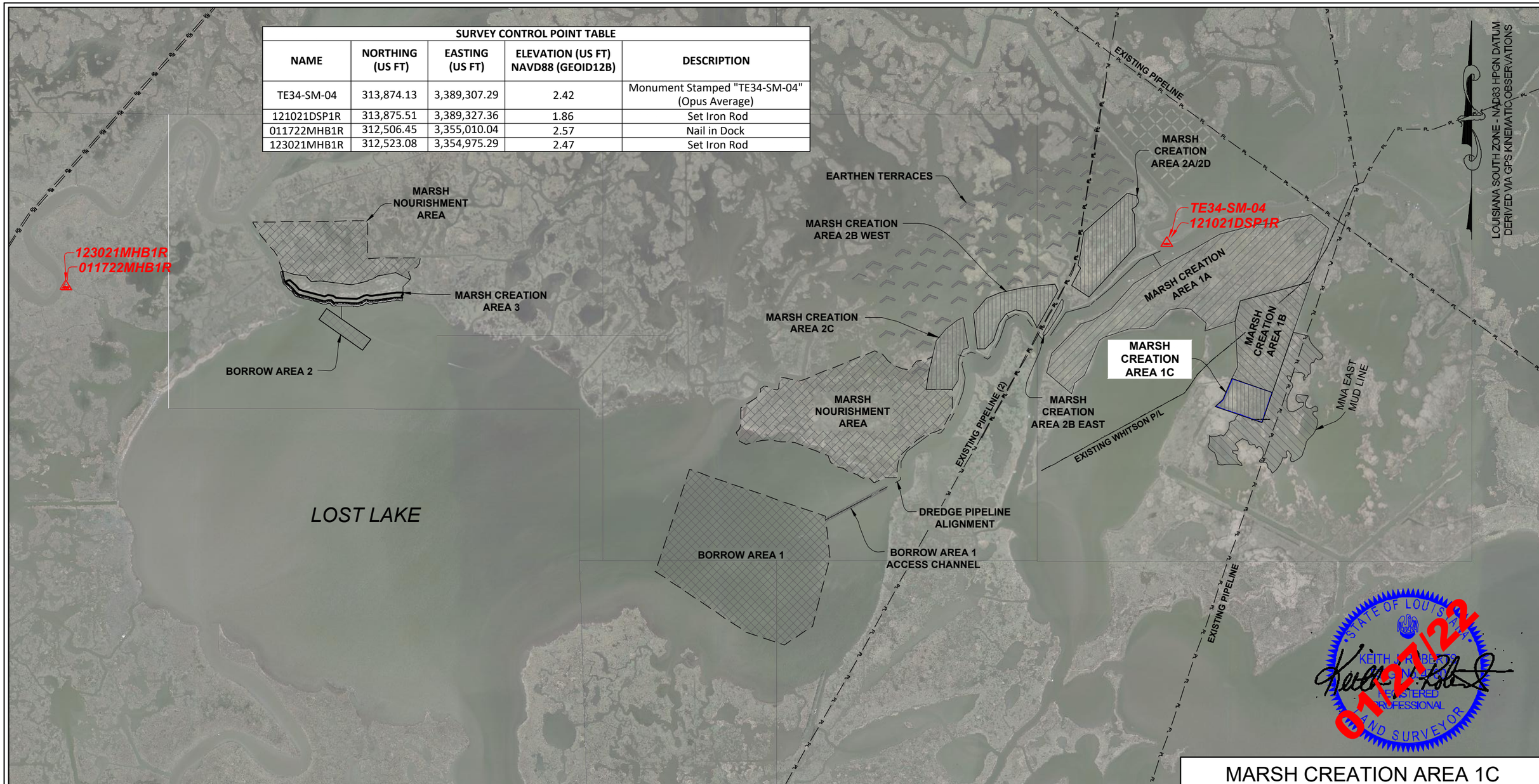
MARSH CREATION AREA 1C

LOST LAKE MARSH CREATION AND HYDROLOGIC RESTORATION (TE-72)
TOPOGRAPHIC ORTHOMETRIC HEIGHT SURVEY
MARSH CREATION AREA 1C
TITLE PAGE
TERREBONNE PARISH, LA

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

DATE: 01/27/2022 | JOB# 2211085 | FILE: MCA1C Marsh Creation Orthometric Height Survey (01-27-22).dwg | SHEET: 1 OF 4

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 (GEOID12B) 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 01-13-22.

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

MARSH CREATION AREA 1C

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

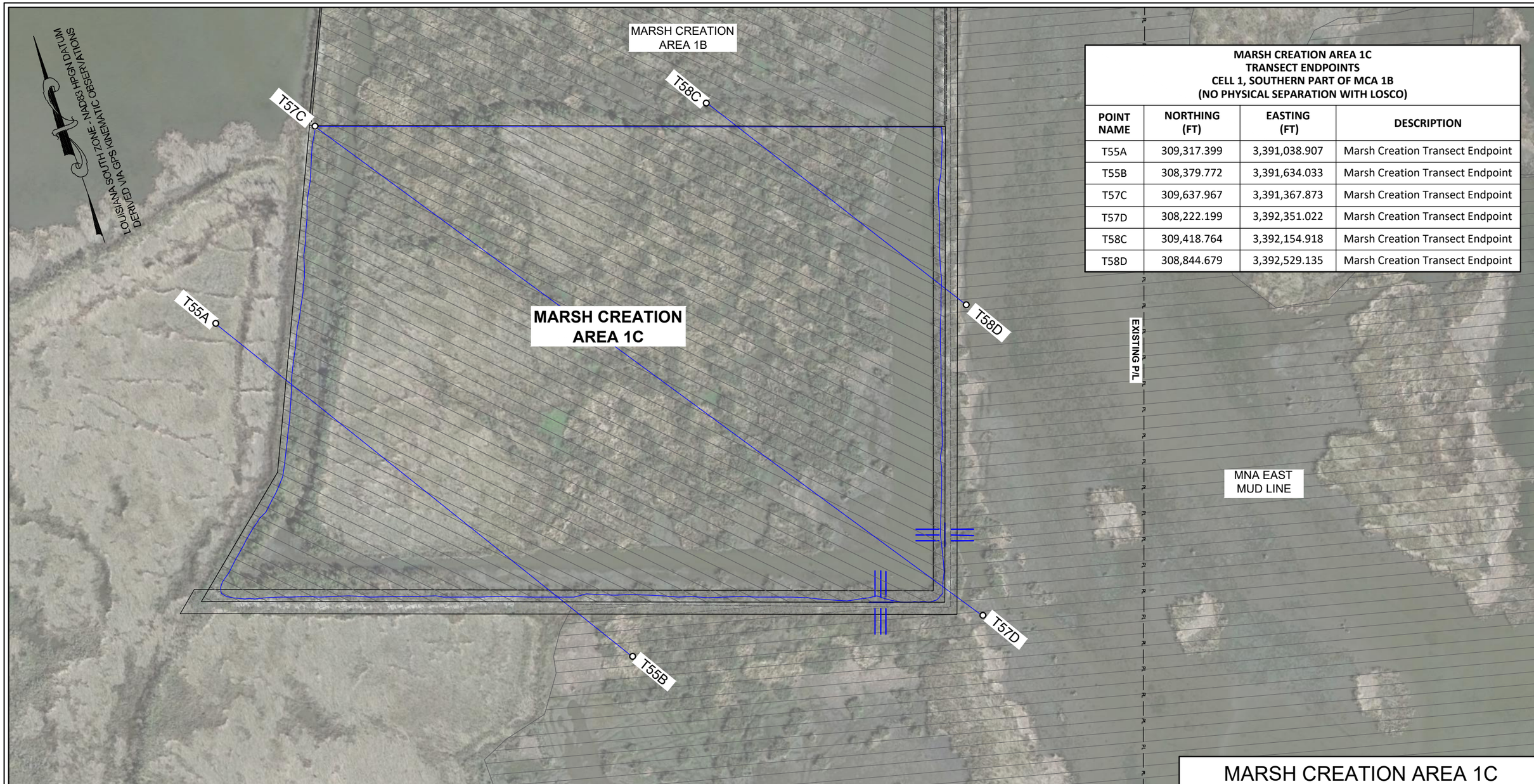
TOPOGRAPHIC ORTHOMETRIC HEIGHT SURVEY
MARSH CREATION AREA 1C

OVERALL PLAN VIEW
TERREBONNE PARISH, LA

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

FILE: MCA1C Marsh Creation Orthometric Height Survey (01-27-22).dwg

SHEET: 2 OF 4



MARSH CREATION AREA 1C
TRANSECT ENDPOINTS
CELL 1, SOUTHERN PART OF MCA 1B
(NO PHYSICAL SEPARATION WITH LOSCO)

POINT NAME	NORTHING (FT)	EASTING (FT)	DESCRIPTION
T55A	309,317.399	3,391,038.907	Marsh Creation Transect Endpoint
T55B	308,379.772	3,391,634.033	Marsh Creation Transect Endpoint
T57C	309,637.967	3,391,367.873	Marsh Creation Transect Endpoint
T57D	308,222.199	3,392,351.022	Marsh Creation Transect Endpoint
T58C	309,418.764	3,392,154.918	Marsh Creation Transect Endpoint
T58D	308,844.679	3,392,529.135	Marsh Creation Transect Endpoint

STATE OF LOUISIANA
KEITH J. ROBERTS
PROFESSIONAL LAND SURVEYOR
01/27/22

LEGEND

CONTAINMENT DIKE ALIGNMENT
MARSH CREATION SURVEY TRANSECT

REVISED BY:	DATE:

HORIZONTAL SCALE
1" = 200'
200' 0' 100' 200'

HYDROTERRA

MARSH CREATION AREA 1C

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

TOPOGRAPHIC ORTHOMETRIC HEIGHT SURVEY
MARSH CREATION AREA 1C

TRANSECTS PLAN VIEW
TERREBONNE PARISH, LA

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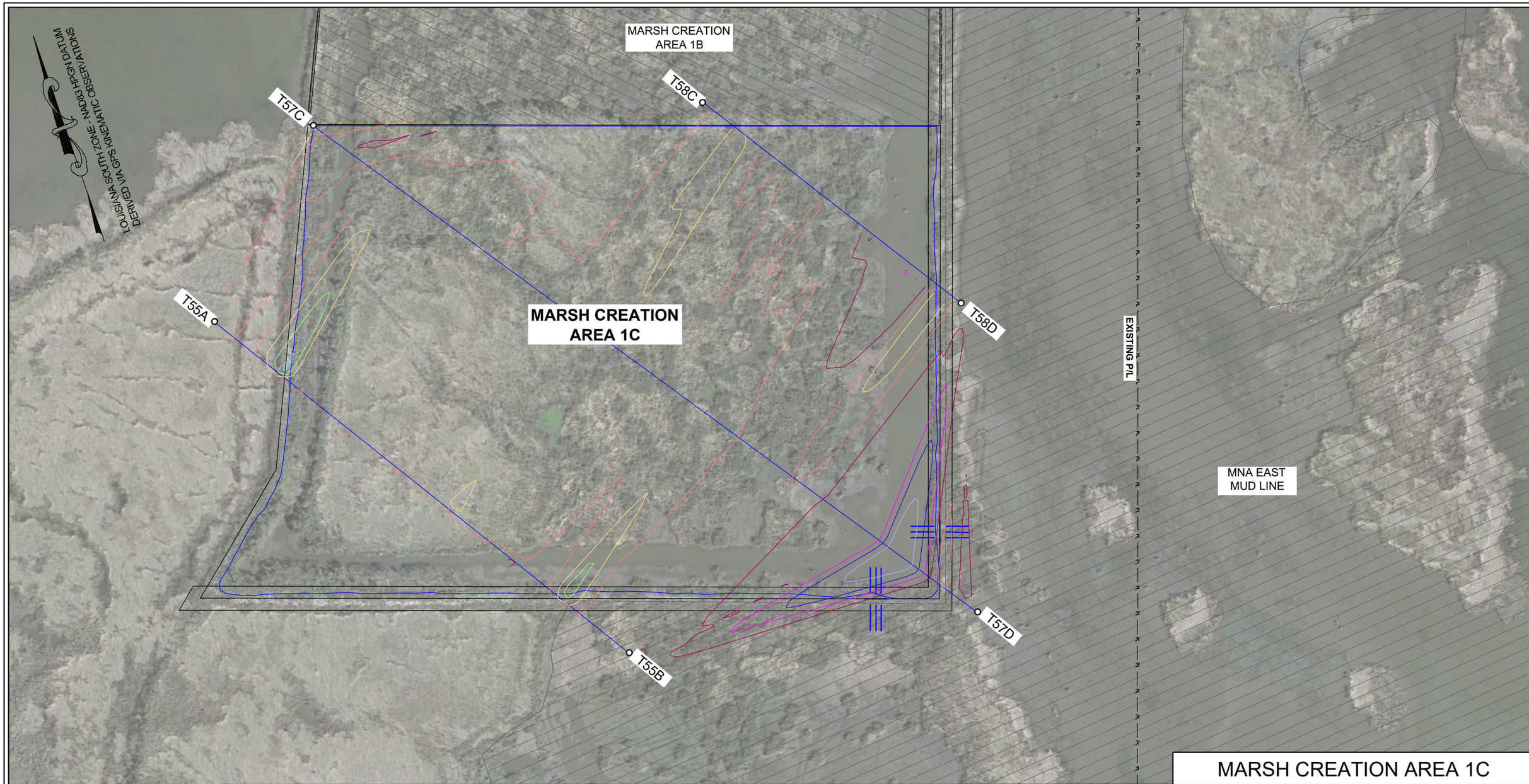

STATE OF LOUISIANA
KEITH J. ROBERTS
REG. NO.
REGISTERED PROFESSIONAL LAND SURVEYOR
01/27/22

CONTOUR LINE LEGEND	
0'	CONTOUR LINE
	CONTOUR ELEVATION (-3')
	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" = 200'
200' 0' 100' 200'

DATE: 01/27/2022 | JOB# 2211085

HYDROTERRA

MARSH CREATION AREA 1C

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

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CONTOUR PLAN VIEW
TERREBONNE PARISH, LA

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SHEET: 4 OF 4