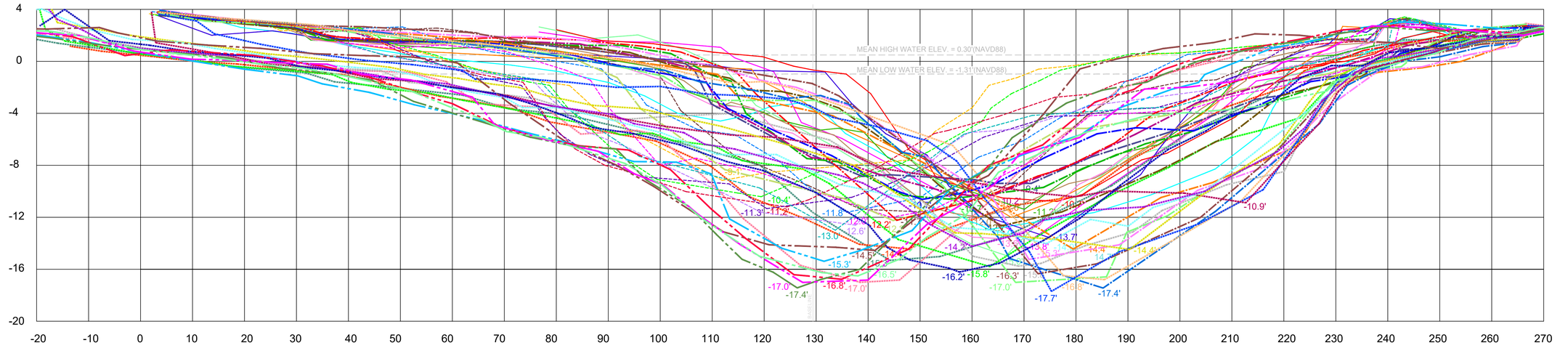


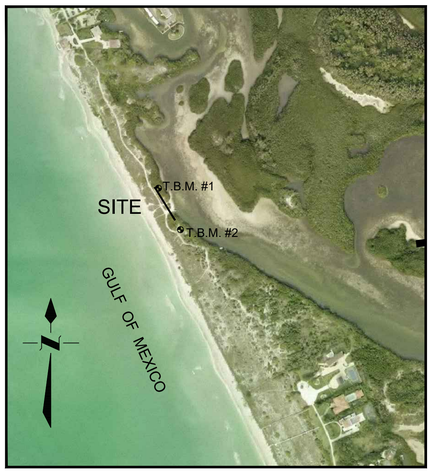
CROSS SECTION "A"
HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1"=4'

	DATE OF SURVEY	LOW ELEV.	X-SEC. AREA
	OCT. 29, 2024	-13.8'	844
	NOV. 4, 2024	-15.0'	955
	NOV. 12, 2024	-10.7'	655
	NOV. 18, 2024	-13.0'	1064
	NOV. 25, 2024	-13.7'	686
	DEC. 2, 2024	-12.0'	716
	DEC. 10, 2024	-11.2'	758
	DEC. 16, 2024	-12.0'	817
	DEC. 20, 2024	-13.6'	902
	JAN. 6, 2025	-11.7'	897
	JAN. 13, 2025	-11.8'	722

	DATE OF SURVEY	LOW ELEV.	X-SEC. AREA
	JAN. 21, 2025	-9.1'	629
	JAN. 27, 2025	-10.4'	755
	FEB. 4, 2025	-11.2'	888
	FEB. 10, 2025	-11.3'	1017
	FEB. 18, 2025	-12.6'	1005
	FEB. 25, 2025	-13.0'	965
	MAR. 3, 2025	-12.0'	1022
	MAR. 11, 2025	-12.2'	950
	MAR. 17, 2025	-9.4'	833
	MAR. 24, 2025	-10.7'	873
	MAR. 31, 2025	-10.2'	782

	DATE OF SURVEY	LOW ELEV.	X-SEC. AREA
	APR. 7, 2025	-12.2'	748
	APR. 14, 2025	-10.7'	873
	APR. 21, 2025	-12.7'	863
	APR. 28, 2025	-14.7'	1007
	MAY 5, 2025	-17.0'	1175
	MAY 14, 2025	-14.4'	1033
	MAY 19, 2025	-15.3'	1030
	MAY 30, 2025	-17.4'	1199
	JUNE 4, 2025	-16.3'	1066
	JUNE 9, 2025	-16.8'	1084
	JUNE 17, 2025	-17.7'	1222

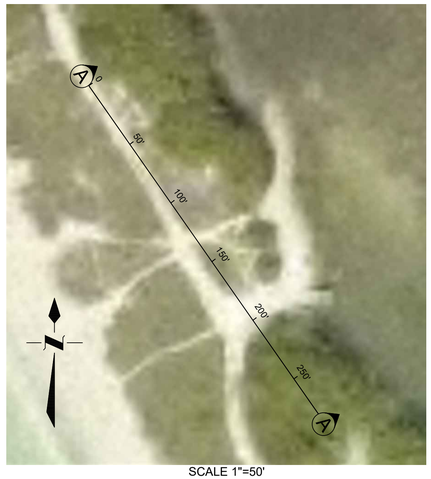
	DATE OF SURVEY	LOW ELEV.	X-SEC. AREA
	JUNE 23, 2025	-10.9'	1326
	JUNE 30, 2025	-15.8'	1468
	JULY 8, 2025	-14.4'	1407
	JULY 15, 2025	-14.0'	1486
	JULY 21, 2025	-14.2'	1477
	JULY 28, 2025	-15.8'	1543
	AUG. 8, 2025	-16.2'	1487
	AUG. 11, 2025	-15.3'	1470
	AUG. 18, 2025	-14.4'	1457
	AUG. 25, 2025	-17.0'	1293
	SEPT. 2, 2025	-14.5'	1134



LOCATION MAP
NOT TO SCALE

T.B.M. #1
4"x4" CM SET
N=1045287.285
E=489886.601
ELEV. 4.15'
NAVD88

T.B.M. #2
4"x4" CM SET
N=1044995.877
E=490079.844
ELEV. 4.27'
NAVD88



SCALE 1"=50'

	DATE OF SURVEY	LOW ELEV.	X-SEC. AREA
	SEPT. 9, 2025	-15.3'	1352
	SEPT. 16, 2025	-16.8'	1322
	SEPT. 22, 2025	-17.4'	1351
	OCT. 1, 2025	-17.0'	1440
	OCT. 9, 2025	-16.5'	1587

SURVEYOR'S NOTES

1. ELEVATIONS SHOWN ON THE SURVEY ARE NORTH AMERICAN VERTICAL DATUM 88 (NAVD88) AND WERE DERIVED USING THE FLORIDA PERMANENT REFERENCE NETWORK (FPRN) STATIONS "FLSS," "FLSC," AND "FLSN." THE ACCURACY OBTAINED IS BASED ON REDUNDANT RTK (REAL TIME KINEMATIC) GPS MEASUREMENT. THE MEAN POSITIONAL ERROR OF THE REDUNDANT OBSERVATION SETS FOR EACH STATION CONTROL WAS FOUND TO BE +/- 0.2 FEET.

2. MEAN HIGH WATER AND MEAN LOW WATER ELEVATIONS ARE PROVIDED ON THE DEPARTMENT OF ENVIRONMENTAL PROTECTION, LAND BOUNDARY INFORMATION SYSTEM WEBSITE (LABINS.ORG).

TIDE INTERPOLATION POINT 100156 WAS USED FOR THE PROJECT SITE.

MEAN HIGH WATER ELEVATION IS 0.30 FEET, NAVD88.
MEAN LOW WATER ELEVATION IS -1.31 FEET, NAVD88.

3. THE COORDINATES ARE GRID, FLORIDA STATE PLANE COORDINATE SYSTEM, FL WEST ZONE, NAD83 2011 ADJUSTMENT. CONTROL FOR THE SURVEY IS BASED ON SARASOTA COUNTY CORS STATION FLSN, FLSC, FLSS AND PROPAGATED TO THE LOCAL AREA USING REAL TIME KINETIC GPS TECHNIQUE.

4. CROSS SECTION AREA CALCULATED TO THE MEAN HIGH WATER ELEVATION.

DATA ACQUISITION:
FIELD WORK COMPLETED ON 10-29-24, RESURVEYS: 11-4-24, 11-12-24, 11-18-24, 11-25-24, 12-2-24, 12-10-24,12-16-24, 12-20-24, 1-6-25, 1-13-25, 1-21-25, 1-27-25, 2-4-25, 2-10-25, 2-18-25, 2-25-25, 3-3-25, 3-11-25, 3-17-25, 3-24-25, 3-31-25, 4-7-25, 4-14-25, 4-21-25, 4-28-25, 5-5-25, 5-14-25, 5-19-25, 5-30-25, 6-4-25, 6-9-25, 6-17-25, 6-23-25, 6-30-25, 7-8-25, 7-15-25, 7-21-25, 7-28-25, 8-6-25, 8-11-25, 8-18-25, 8-25-25, 9-2-5, 9-9-25, 9-16-25, 9-22-25, 10-1-25, 10-9-25

DRAWING COMPLETED ON 10-30-24, ADDED X-SEC. 11-4-24, ADDED X-SEC. 11-14-24, 11-19-24, 11-26-24, 12-2-24, TBM ADDED 12-5-24, ADDED X-SEC. 12-10-24, 12-16-24, ADDED AREA & X-SEC 12-20-24, 1-6-25, 1-13-25, 1-21-25, 1-27-25, 2-4-25, 2-10-25, 2-18-25, 2-25-25, 3-3-25, 3-11-25, 3-17-25, 3-26-25, 3-31-25, 4-7-25, 4-14-25, 4-21-25, 4-28-25, 5-5-25, 5-14-25, 5-19-25, 5-30-25, 6-4-25, 6-9-25, 6-17-25, 6-23-25, 6-30-25, 7-8-25, 7-15-25, 7-21-25, 7-28-25, 8-6-25, 8-11-25, 8-18-25, 8-25-25, 9-2-25, 9-9-25, 9-16-25, 9-22-25, 10-1-25, 10-9-25

Sarasota County
SARASOTA COUNTY PUBLIC WORKS
TRANSPORTATION DEPARTMENT, SURVEY-MAPPING
1001 SARASOTA CENTER BLVD. SARASOTA, FLORIDA 34240
941/861-6709 * 941/861-6053 * FAX 941/861-6431

I HEREBY CERTIFY THAT THIS MAP OF SURVEY REPRESENTS A TOPOGRAPHIC SURVEY OF THE LANDS AS SHOWN AND DESCRIBED HEREON, THAT THE SURVEY WAS RECENTLY PERFORMED UNDER MY DIRECTION, THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND THAT THE SURVEY MEETS THE STANDARDS OF PRACTICE AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS IN CHAPTER 5J-17, FLORIDA ADMINISTRATIVE CODE PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

DRAFT

TERI S. OWEN, Professional Surveyor and Mapper No. 5928

ABBREVIATION LEGEND

N&D = NAIL AND DISK
CONC. = CONCRETE
MON. = MONUMENT
FND. = FOUND
NO. = NUMBER
T.B.M. = TEMPORARY BENCH MARK
TEMP. = TEMPORARY
ELEV. = ELEVATION
CM = CONCRETE MONUMENT
SEC. = SECTION
TWP. = TOWNSHIP
RNG. = RANGE
N = NORTHING
E = EASTING
SQ. FT. = SQUARE FEET

SYMBOL LEGEND

⊙ - NAIL AND DISK SET PSM 5928
● - NAIL & DISK FOUND PSM 5928
⊛ - TEMP. BENCH MARK 4"x4" CONCRETE MONUMENT STAMPED SARCO BENCH MARK

MAP OF SURVEY

MIDNIGHT PASS
(REOPENING)

PROJ. NO.: 24057		SHEET NO. 1 OF 1
SEC: 4 TWP: 38 S. RNG: 18 E.		
FIELD BOOK PG.	DRAWN BY: J.M./T.O.	
...SURVEY\Midnight Pass Cross Sections 2024	CHECKED BY:	