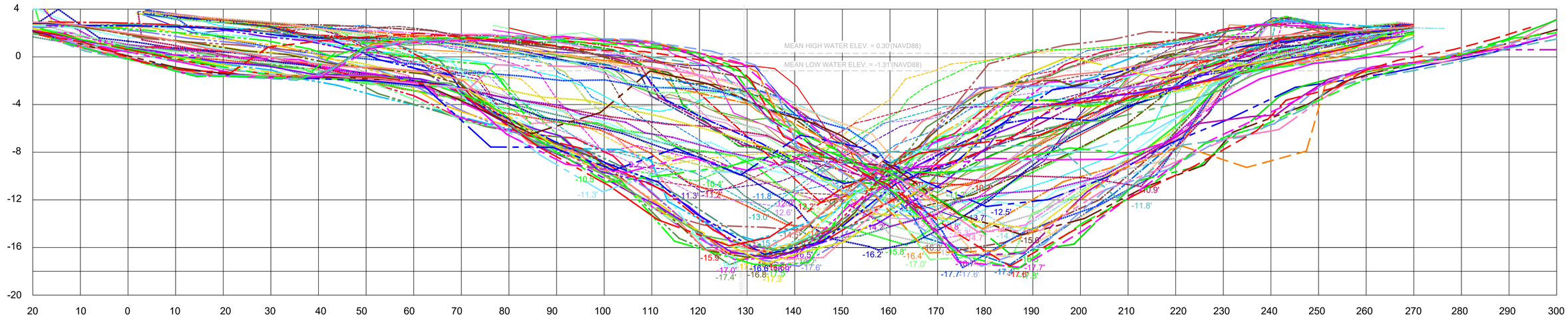


CROSS SECTION "A"
HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1"=4'

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

SCALE 1"=50'

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

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
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
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
SEPT. 9, 2025	-15.3'	1352
SEPT. 16, 2025	-16.8'	1322
SEPT. 22, 2025	-17.4'	1351

DATE OF SURVEY	LOW ELEV.	X-SEC. AREA
OCT. 1, 2025	-17.0'	1440
OCT. 9, 2025	-16.5'	1587
OCT. 15, 2025	-17.6'	1447
OCT. 21, 2025	-17.0'	1468
OCT. 31, 2025	-17.5'	1392
NOV. 6, 2025	-16.8'	1263
NOV. 10, 2025	-16.5'	1559
NOV. 20, 2025	-16.6'	1405
NOV. 24, 2025	-16.3'	1402
DEC. 1, 2025	-16.6'	1320
DEC. 8, 2025	-16.8'	1302
DEC. 15, 2025	-16.3'	1241
JAN. 5, 2026	-16.9'	1564
JAN. 13, 2026	-17.3'	1488
JAN. 20, 2026	-16.2'	1715
JAN. 26, 2026	-15.9'	1610
FEB. 2, 2026	-11.3'	1567
FEB. 10, 2026	-10.5'	1505
FEB. 17, 2026	-9.7'	1548
FEB. 23, 2026	-12.5'	1751
MAR. 2, 2026	-15.0'	1623
MAR. 9, 2026	-14.7'	1459
MAR. 18, 2026	-16.5'	1338
MAR. 23, 2026	-16.7'	1314
MAR. 31, 2026	-16.4'	1417
APR. 6, 2026	-17.6'	1317
APR. 13, 2026	-17.7'	1290
APR. 20, 2026	-11.8'	1033
APR. 28, 2026	-17.8'	1348
MAY 4, 2026	-17.6'	1341

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.

5. 2025 AERIAL FOR REFERENCE ONLY.

Sarasota County

SARASOTA COUNTY
TRANSPORTATION, 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

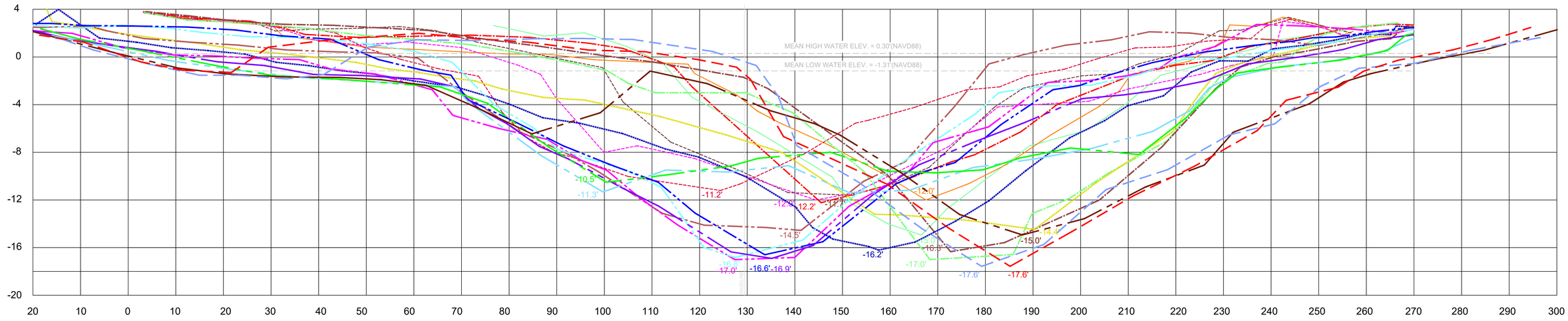
⊙ – NAIL AND DISK SET PSM 5928
● – NAIL & DISK FOUND PSM 5928
⊛ – TEMP. BENCH MARK 4"x4" CONCRETE MONUMENT STAMPED SARCO BENCH MARK

MAP OF SURVEY

MIDNIGHT PASS
(REOPENING)

PROJ. NO.: 24057		DATE OF DATA ACQUISITION: FIELD WORK STARTED 10-29-24 AND IS ONGOING DRAWING UPDATED WEEKLY
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:

SHEET NO. 1 OF 1



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
- - - - -	APR. 7, 2025	*	-12.2'	748
- - - - -	APR. 14, 2025		-10.7'	873
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- - - - -	MAY 5, 2025	*	-17.0'	1175
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- - - - -	MAY 30, 2025		-17.4'	1199
- - - - -	JUNE 4, 2025	*	-16.3'	1066
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- - - - -	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
- - - - -	SEPT. 9, 2025	*	-15.3'	1352
- - - - -	SEPT. 16, 2025		-16.8'	1322
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	DATE OF SURVEY		LOW ELEV.	X-SEC. AREA
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- - - - -	OCT. 31, 2025		-17.5'	1392
- - - - -	NOV. 6, 2025	*	-16.8'	1263
- - - - -	NOV. 10, 2025		-16.5'	1559
- - - - -	NOV. 20, 2025		-16.6'	1405
- - - - -	NOV. 24, 2025		-16.3'	1402
- - - - -	DEC. 1, 2025	*	-16.6'	1320
- - - - -	DEC. 8, 2025		-16.8'	1302
- - - - -	DEC. 15, 2025		-16.3'	1241
- - - - -	JAN. 5, 2026	*	-16.9'	1564
- - - - -	JAN. 13, 2026		-17.3'	1488
- - - - -	JAN. 20, 2026		-16.2'	1715
- - - - -	JAN. 26, 2026		-15.9'	1610
- - - - -	FEB. 2, 2026	*	-11.3'	1567
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- - - - -	MAR. 23, 2026		-16.7'	1314
- - - - -	MAR. 31, 2026		-16.4'	1417
- - - - -	APR. 6, 2026	*	-17.6'	1317
- - - - -	APR. 13, 2026		-17.7'	1290
- - - - -	APR. 20, 2026		-11.8'	1033
- - - - -	APR. 28, 2026		-17.8'	1348
- - - - -	MAY 4, 2026	*	-17.6'	1341

SCALE 1"=50'

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

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

5. 2025 AERIAL FOR REFERENCE ONLY.

MAP OF SURVEY

Sarasota County

SARASOTA COUNTY
TRANSPORTATION, 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.

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

MIDNIGHT PASS
(REOPENING)

PROJ. NO.: 24057		DATE OF DATA ACQUISITION: FIELD WORK STARTED 10-29-24 AND IS ONGOING
SEC: 4 TWP: 38 S. RNG: 18 E.		DRAWING UPDATED WEEKLY
FIELD BOOK PG.	DRAWN BY: J.M./T.O.	SHEET NO. 1 OF 1
...SURVEY\Midnight Pass Cross Sections 2024	CHECKED BY:	