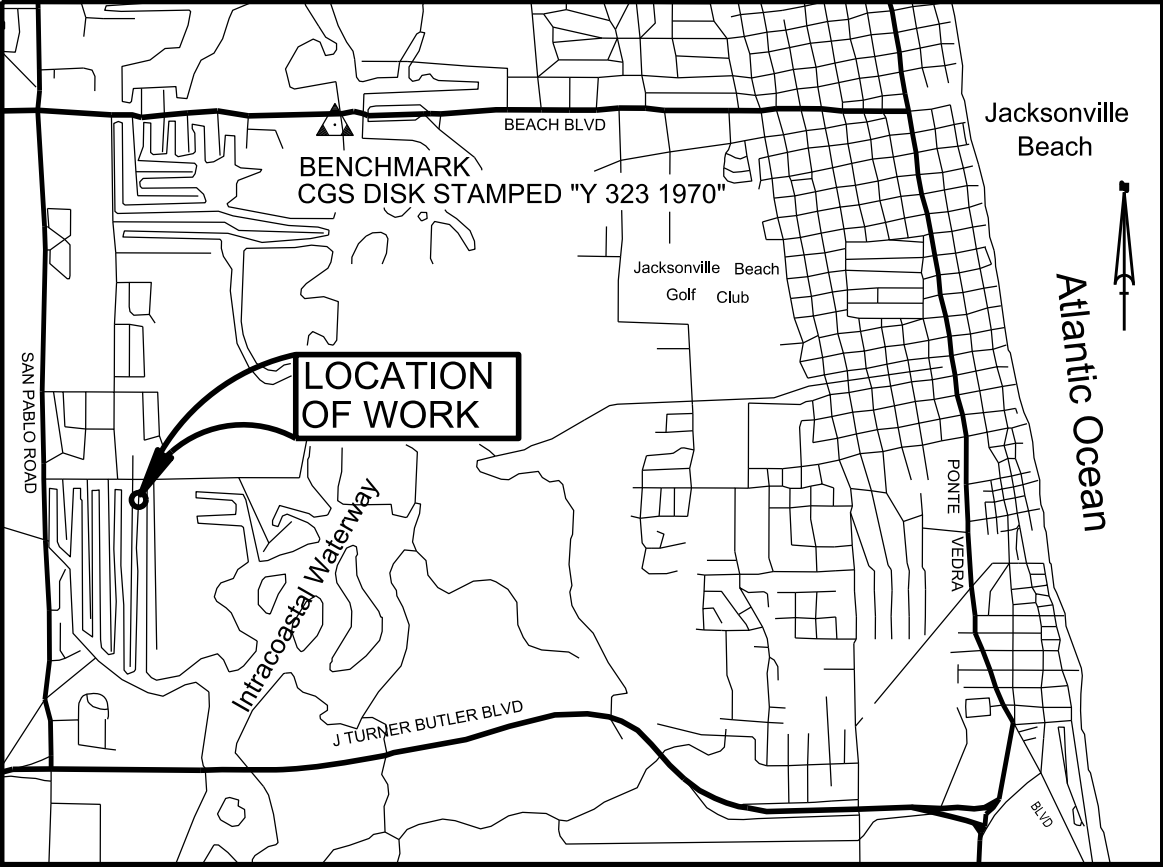
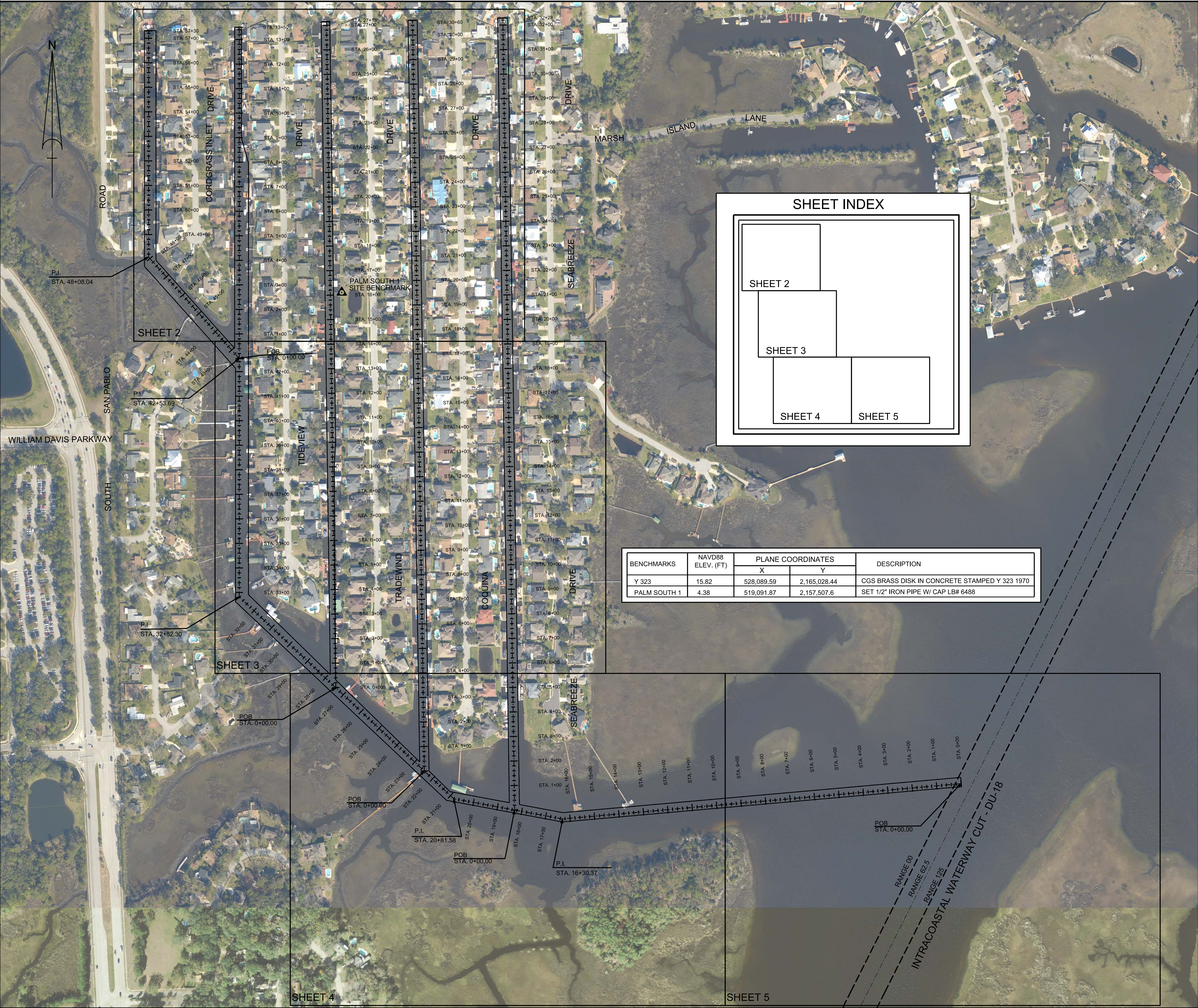


A MAP SHOWING A HYDROGRAPHIC SURVEY OF
A PORTION OF ISLE OF PALMS SOUTH CANAL SYSTEM
LOCATED IN DUVAL COUNTY, FLORIDA

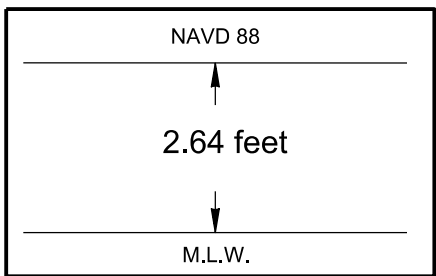
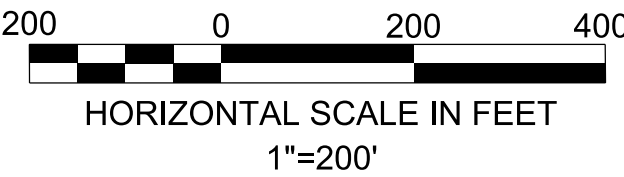


VICINITY MAP
NOT TO SCALE

- SURVEY NOTES:
- HORIZONTAL DATUM: NORTH AMERICAN DATUM OF 1983/88, STATE PLANE COORDINATES, FLORIDA EAST ZONE.
 - VERTICAL DATUM: MEAN LOW WATER (MLW). SOUNDINGS ARE IN FEET AND TENTHS. MLW DATUM OBTAINED FROM LABINS POINT IDENTIFICATION NUMBER 3729.
 - UNITS: U.S SURVEY FEET.
 - CONTOUR INTERVAL: 1 FOOT.
 - THIS HYDROGRAPHIC SURVEY WAS PERFORMED UTILIZING REAL-TIME KINEMATIC (RTK) GPS SURVEYING METHODS FOR HORIZONTAL POSITIONING.
 - SOUNDINGS WERE COLLECTED USING A TELEDYNE T20 MULTIBEAM SYSTEM. DATA PROCESSING WAS COMPLETED USING HYPACK HYSWEEP SOFTWARE.
 - THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF A SURVEY PERFORMED ON THE DATES LISTED BELOW AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS AT THAT TIME.
- | VESSEL | DATE OF SURVEY |
|------------|----------------|
| GREY WITCH | APRIL 24, 2023 |
- SURVEY QUALITY CONTROL STANDARDS AND FIELD EQUIPMENT CALIBRATIONS WERE FOLLOWED DURING THIS SURVEY IN ACCORDANCE WITH EM 1110-2-1003 FOR CLASS 1 HYDROGRAPHIC SURVEYS.
 - INTRACOASTAL CHANNEL LIMITS OBTAINED FROM A U.S. ARMY CORPS OF ENGINEERS MAP TITLED "INTRACOASTAL WATERWAY JACKSONVILLE TO MIAMI AND MIAMI TO KEY WEST, PROJECT CONDITION SURVEY 7, 10 & 12-FOOT PROJECT DEPTH", JOB NUMBER 04-021. NO ATTEMPT WAS MADE TO VERIFY THIS INFORMATION. IT IS NOT TO BE USED FOR NAVIGATION.
 - BACKGROUND PHOTOGRAPHY WAS OBTAINED FROM WWW.LABINS.ORG, DATED 2017.
 - SURVEY BASELINES AND TEMPLATE REVISIONS PER CLIENT MARKUPS, JULY 22, 2021

LEGEND/ABBREVIATIONS

- = CHANNEL CENTERLINE
—— = CHANNEL TOE
- MLW = MEAN LOW WATER
NO. = NUMBER
P.I. = POINT OF INTERSECTION
POB = POINT OF BEGINNING
STA. = STATION
NAVD 88 = NORTH AMERICAN
VERTICAL DATUM 1988
ELEV. = ELEVATION



Relationship between NAVD 88
and Mean Low Water

Richard J. Sawyer
Professional Surveyor and Mapper No. 6131
NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED
SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER

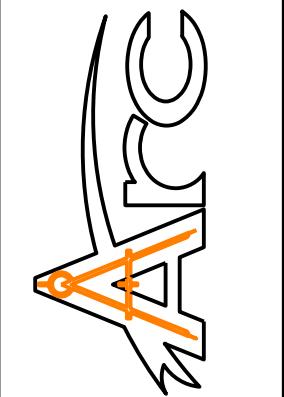
BENCHMARKS	NAVD88 ELEV. (FT)	PLANE COORDINATES		DESCRIPTION
		X	Y	
Y 323	15.82	528,089.59	2,165,028.44	CGS BRASS DISK IN CONCRETE STAMPED Y 323 1970
PALM SOUTH 1	4.38	519,091.87	2,157,507.6	SET 1/2" IRON PIPE W/ CAP LB# 6488

DATE	BY	REVISION

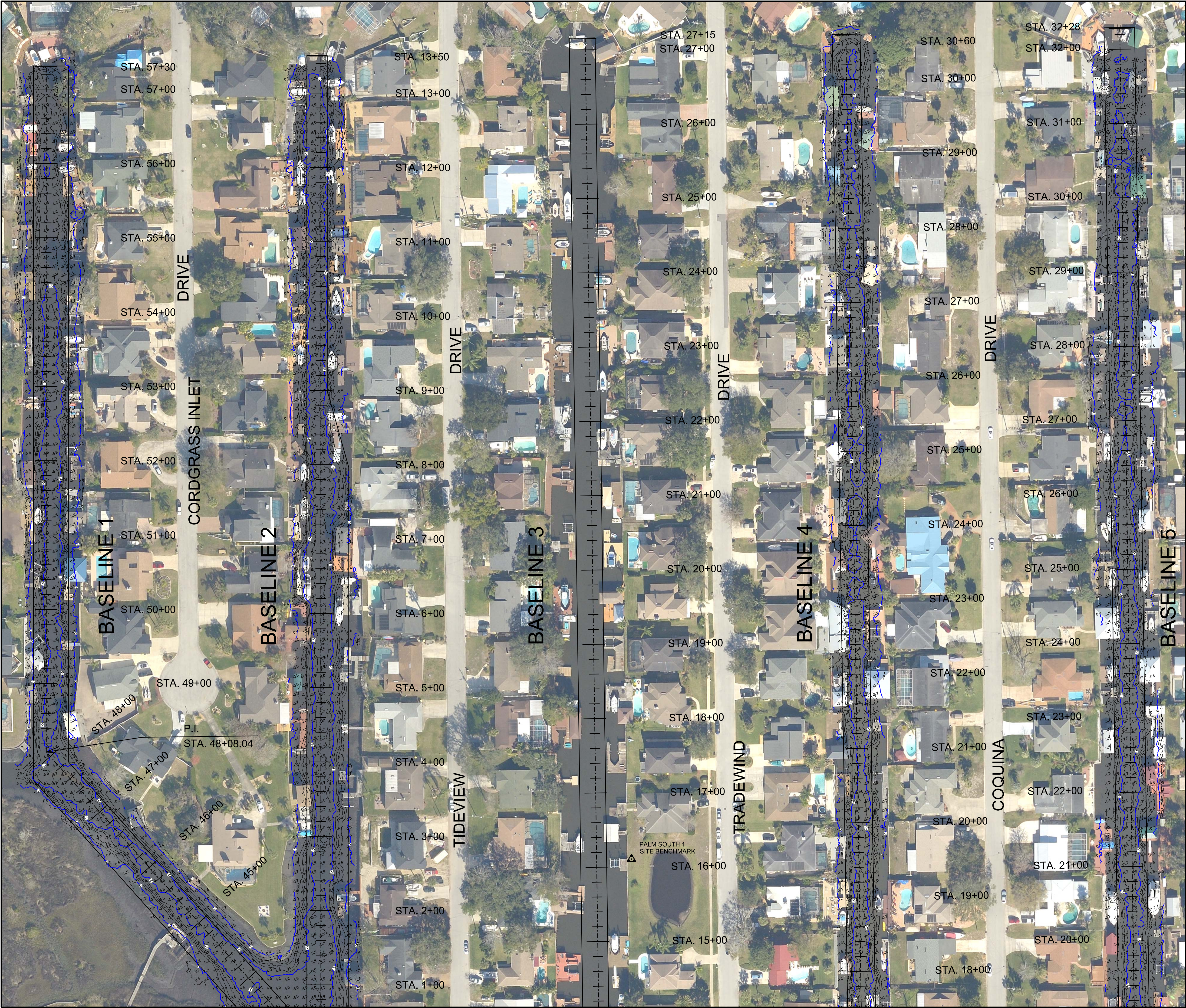
Project Title:
Isle of Palms South
Hydrographic After-Dredge Survey

Prepared For:
Isle of Palms Special District
501 Riverside Avenue
Jacksonville, FL 32202

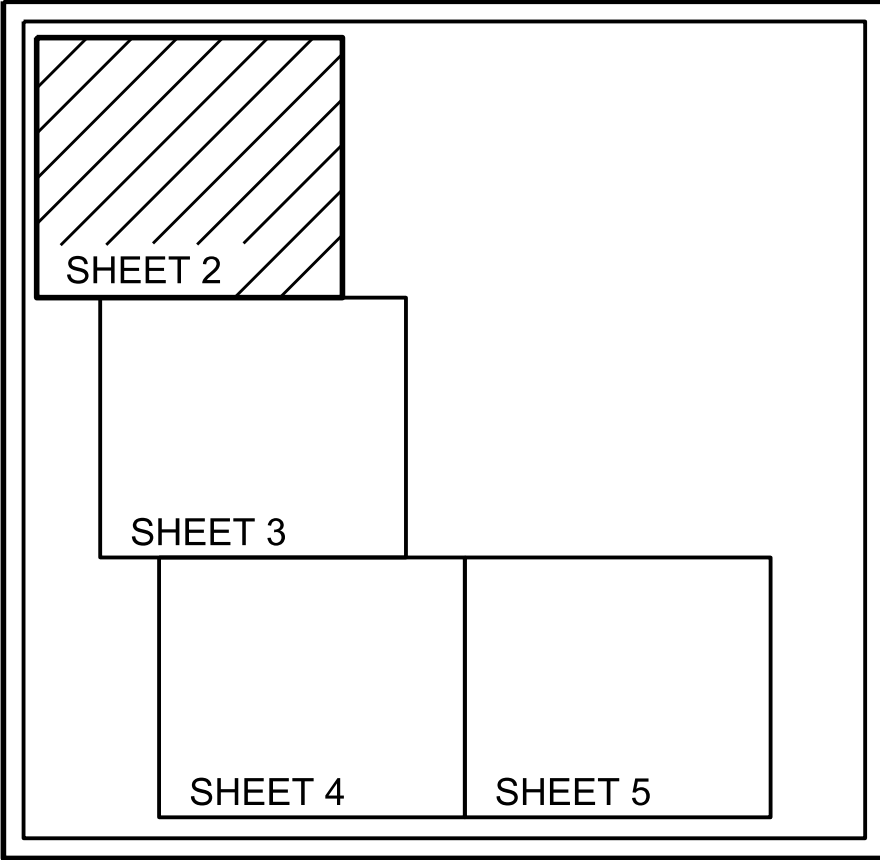
Arc Surveying & Mapping, Inc.
Professional Hydrographers • Surveyors • Mappers
5202 San Juan Avenue
Jacksonville, Florida 32210
904.394.8377



LB No. 6487
Drawn By: M. SAWYER
Scale: see map
Plot Date: 04/27/23
File Name:
Fld Bk / Pg: NA
ARC Project No.:
22-320
SHEET: 1 OF: 18



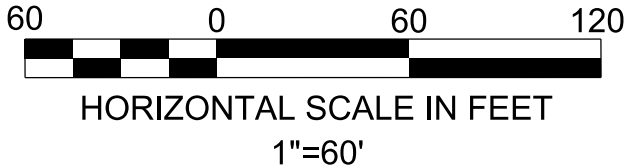
SHEET INDEX



LEGEND/ABBREVIATIONS

- = CHANNEL CENTERLINE
- = CHANNEL TOE
- MLW = MEAN LOW WATER
- NO. = NUMBER
- P.I. = POINT OF INTERSECTION
- POB = POINT OF BEGINNING
- STA. = STATION
- NGVD = NATIONAL GEODETIC VERTICAL DATUM
- ELEV. = ELEVATION

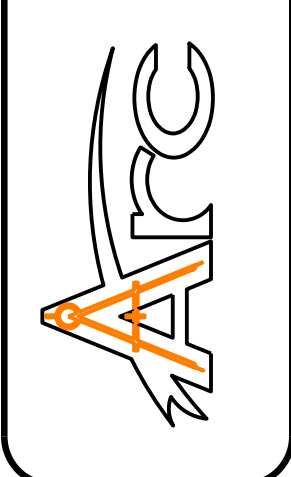
- NOTES:
1. REFER TO SURVEY NUMBER 22-320.
 2. SEE SHEET NO.1 FOR SURVEY NOTES.



DATE	BY	REVISION

Project Title:
Isle of Palms South
Hydrographic After-Dredge Survey

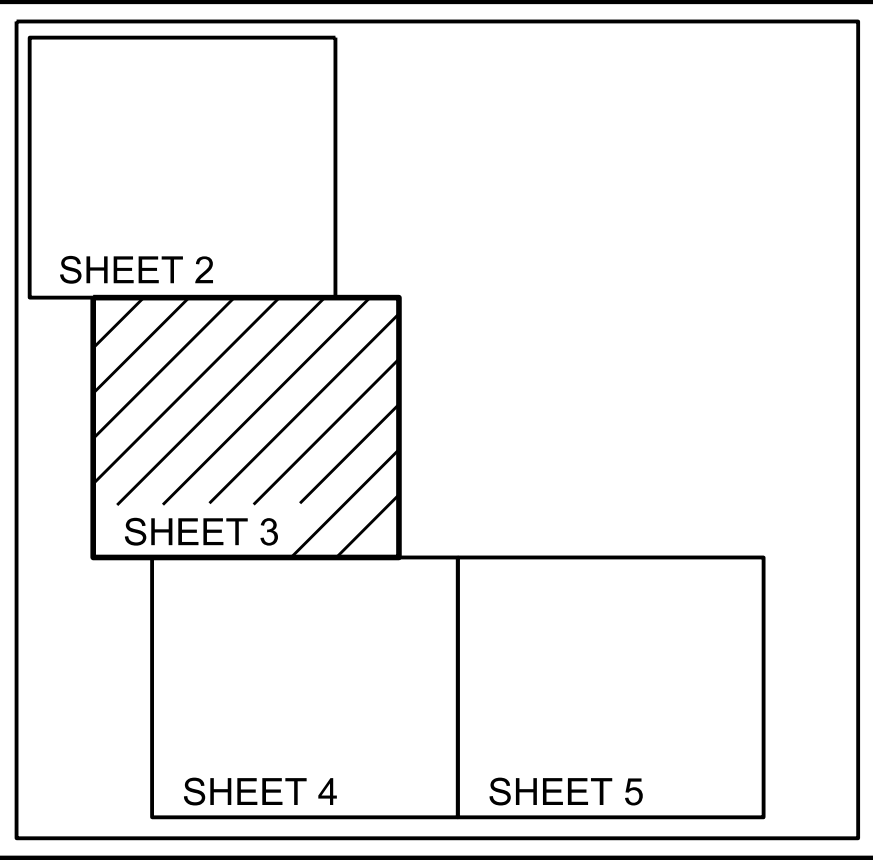
Prepared For:
Isle of Palms Special District
501 Riverside Avenue
Jacksonville, FL 32202



LB No. 6487
Drawn By: M. SAWYER
Scale: see map
Plot Date: 04/27/23
File Name:
Fld Bk / Pg: NA
ARC Project No.:
22-320
SHEET: 2 OF: 18



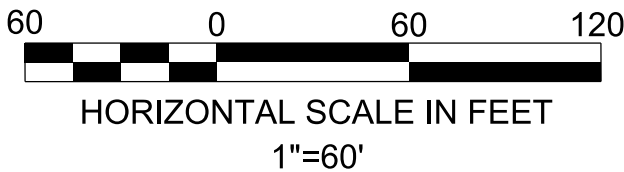
SHEET INDEX



LEGEND/ABBREVIATIONS

- = CHANNEL CENTERLINE
- = CHANNEL TOE
- MLW = MEAN LOW WATER
- NO. = NUMBER
- P.I. = POINT OF INTERSECTION
- POB = POINT OF BEGINNING
- STA. = STATION
- NGVD = NATIONAL GEODETIC VERTICAL DATUM
- ELEV. = ELEVATION

- NOTES:
- REFER TO SURVEY NUMBER 22-320.
 - SEE SHEET NO.1 FOR SURVEY NOTES.

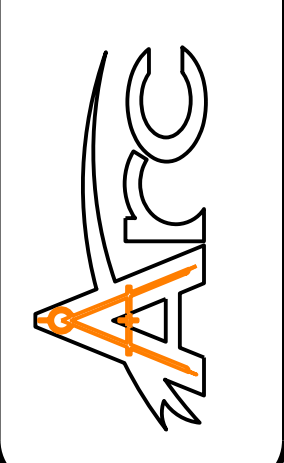


DATE	BY	REVISION

Project Title:
Isle of Palms South
Hydrographic After-Dredge Survey

Prepared For:
Isle of Palms Special District
501 Riverside Avenue
Jacksonville, FL 32202

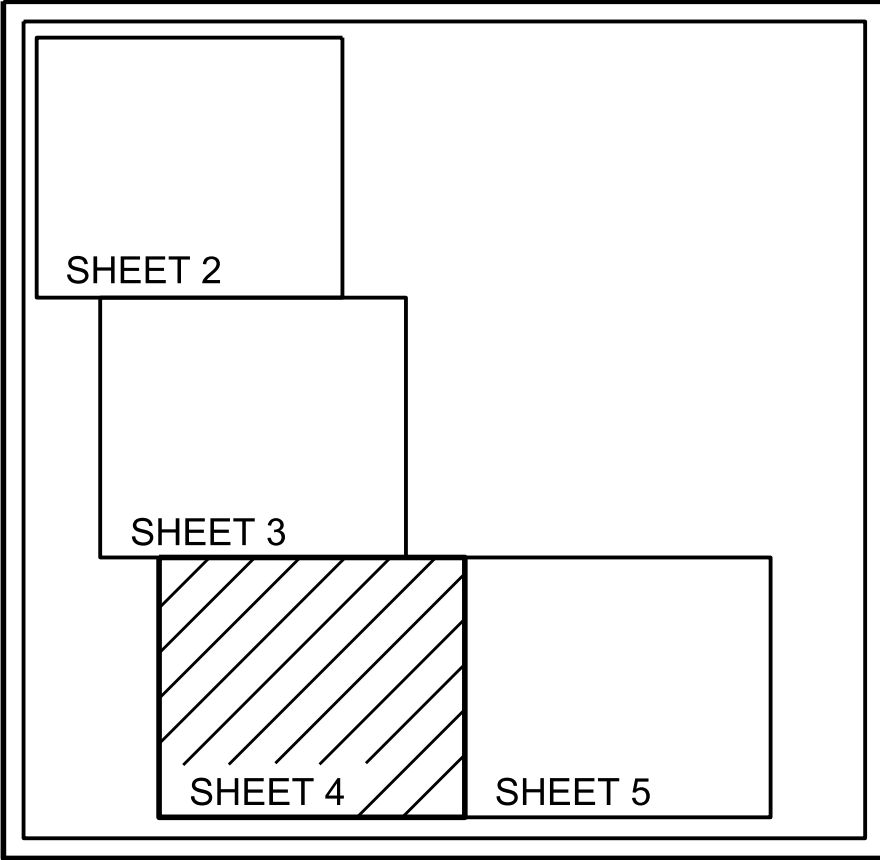
Arc Surveying & Mapping, Inc.
Professional Hydrographers • Surveyors • Mappers
5202 San Juan Avenue
Jacksonville, Florida 32210
904.394.8377



LB No. 6487
Drawn By: M. SAWYER
Scale: see map
Plot Date: 04/27/23
File Name:
Fld Bk / Pg: NA
ARC Project No.:
22-320
SHEET: 3 OF: 18



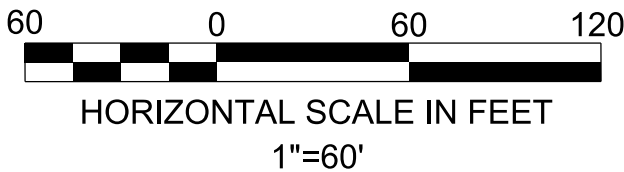
SHEET INDEX



LEGEND/ABBREVIATIONS

- - - - - = CHANNEL CENTERLINE
- = CHANNEL TOE
- MLW = MEAN LOW WATER
- NO. = NUMBER
- P.I. = POINT OF INTERSECTION
- POB = POINT OF BEGINNING
- STA. = STATION
- NGVD = NATIONAL GEODETIC VERTICAL DATUM
- ELEV. = ELEVATION

- NOTES:
1. REFER TO SURVEY NUMBER 22-320.
 2. SEE SHEET NO.1 FOR SURVEY NOTES.

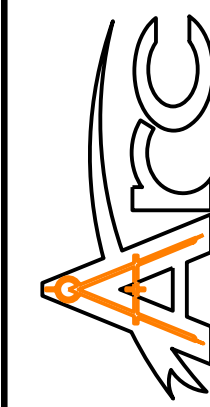


DATE	BY	REVISION

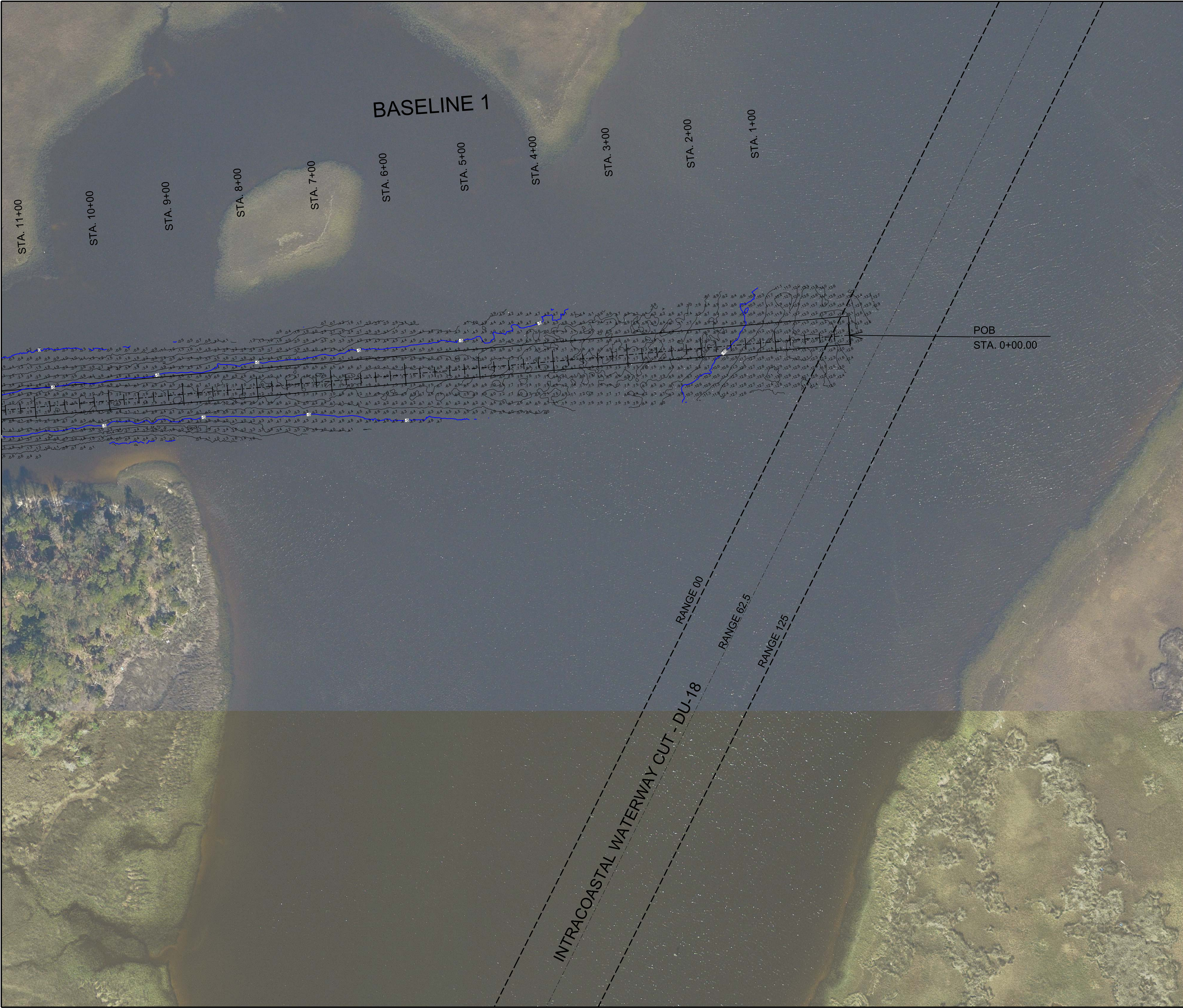
Project Title:
Isle of Palms South
Hydrographic After-Dredge Survey

Prepared For:
Isle of Palms Special District
501 Riverside Avenue
Jacksonville, FL 32202

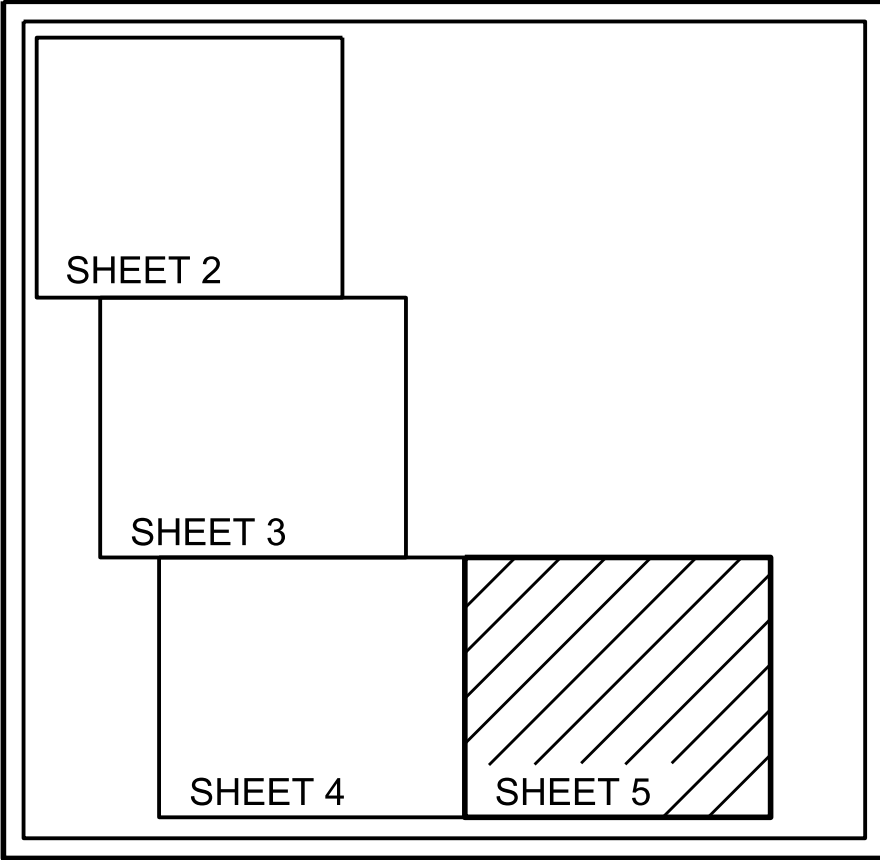
Arc Surveying & Mapping, Inc.
Professional Hydrographers • Surveyors • Mappers
5202 San Juan Avenue
Jacksonville, Florida 32210
904.394.8377



LB No. 6487
Drawn By: M. SAWYER
Scale: see map
Plot Date: 04/27/23
File Name:
Fld Bk / Pg: NA
ARC Project No.:
22-320
SHEET: 4 OF: 18



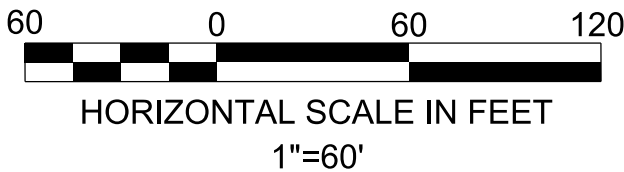
SHEET INDEX



LEGEND/ABBREVIATIONS

- = CHANNEL CENTERLINE
- = CHANNEL TOE
- MLW = MEAN LOW WATER
- NO. = NUMBER
- P.I. = POINT OF INTERSECTION
- POB = POINT OF BEGINNING
- STA. = STATION
- NGVD = NATIONAL GEODETIC VERTICAL DATUM
- ELEV.= ELEVATION

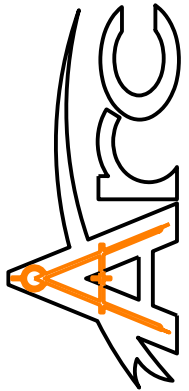
- NOTES:
1. REFER TO SURVEY NUMBER 22-320.
 2. SEE SHEET NO.1 FOR SURVEY NOTES.



DATE	BY	REVISION

Prepared For: Isle of Palms Special District
501 Riverside Avenue
Jacksonville, FL 32202

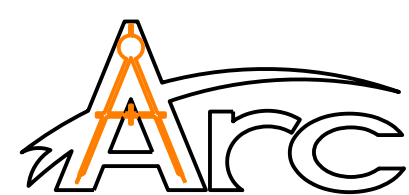
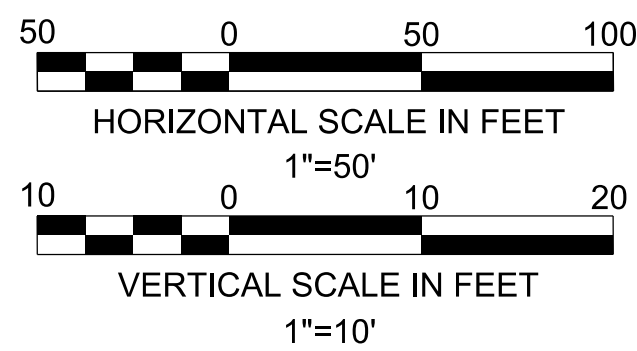
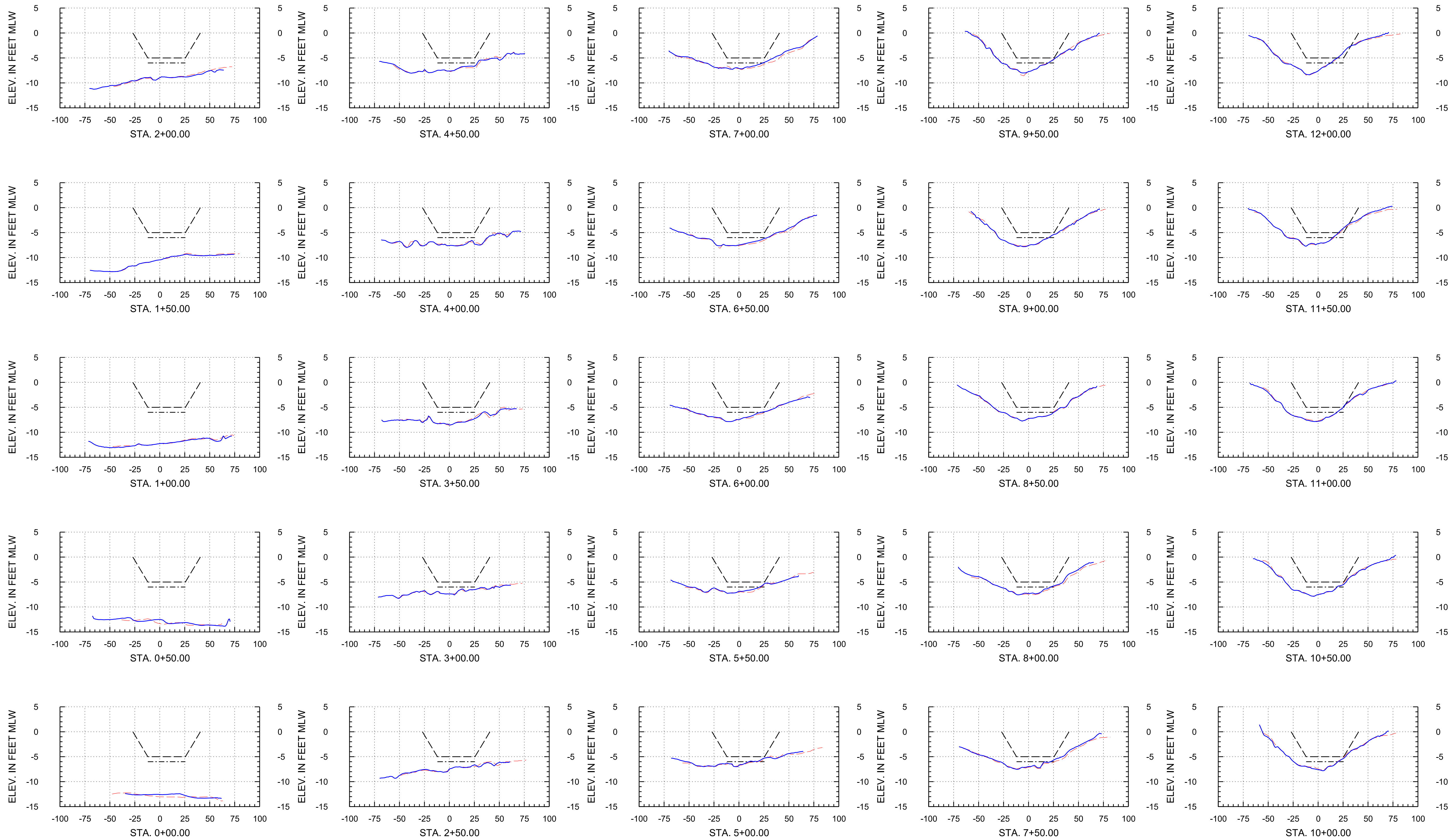
Project Title: Isle of Palms South
Hydrographic After-Dredge Survey



Arc Surveying & Mapping, Inc.
Professional Hydrographers • Surveyors • Mappers
5202 San Juan Avenue
Jacksonville, Florida 32210
904.394.8377

LB No. 6487
Drawn By: M. SAWYER
Scale: see map
Plot Date: 04/27/23
File Name:
Fld Bk / Pg: NA
ARC Project No.:
22-320
SHEET: 5 OF: 18

Baseline 1



Arc Surveying & Mapping, Inc.
Professional Hydrographers • Surveyors • Mappers
5202 San Juan Avenue
Jacksonville, Florida 32210
904.384.8377

Isle of Palms Special District

501 Riverside Avenue
Jacksonville, FL 32202

Project Title:

Isle of Palms South
Hydrographic After-Dredge Survey

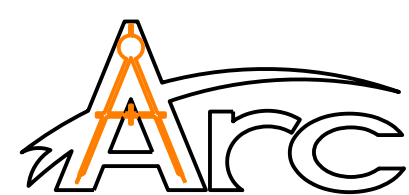
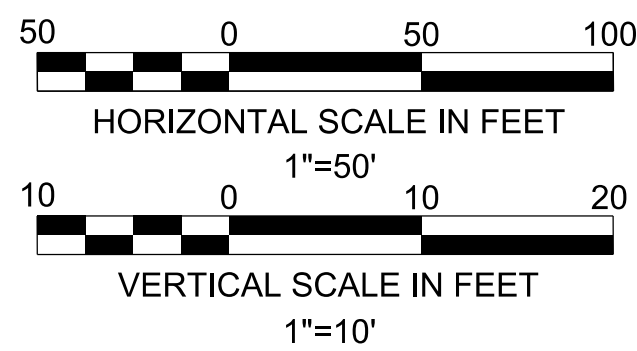
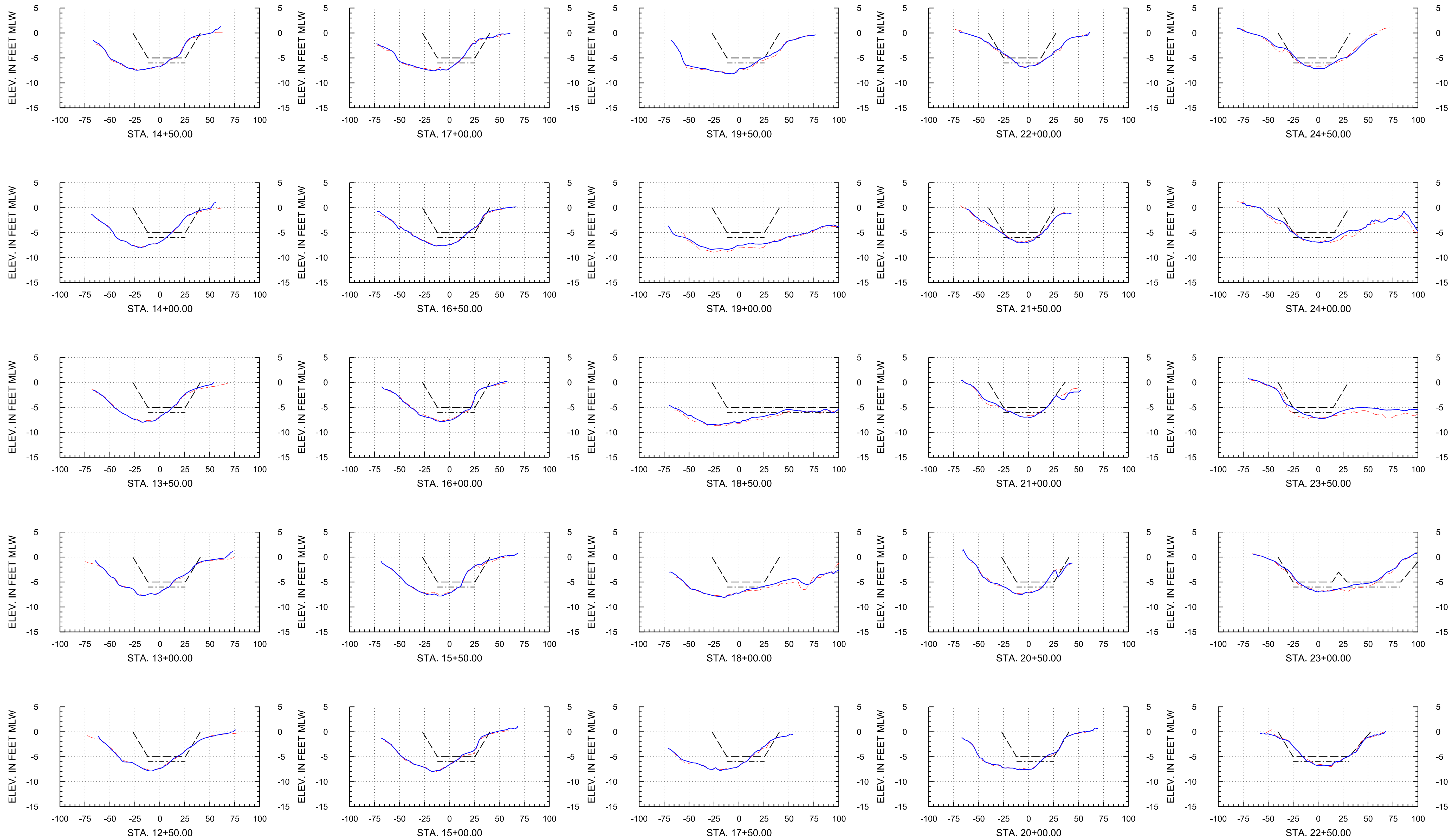
— = HYDROGRAPHIC SURVEY; APRIL 24, 2023
- - = HYDROGRAPHIC SURVEY; MARCH 10, 2023
- - - = HYDROGRAPHIC SURVEY; JANUARY 6, 2023
- - - - = DREDGE TEMPLATE: -5.0 MLW
- - - - - = DREDGE TEMPLATE: -6.0 MLW

MLW = MEAN LOW WATER
STA. = STATION

DATE	BY	REVISION

LB No. 6487
Drawn By: M. SAWYER
Scale: see map
Plot Date: 04/27/23
File Name:
Fld Bk / Pg: NA
ARC Project No.: 22-320
SHEET: 6 OF: 18

Baseline 1



Arc Surveying & Mapping, Inc.
Professional Hydrographers • Surveyors • Mappers
5202 San Juan Avenue
Jacksonville, Florida 32210
904.384.8377

Isle of Palms Special District

501 Riverside Avenue
Jacksonville, FL 32202

Project Title:

Isle of Palms South
Hydrographic After-Dredge Survey

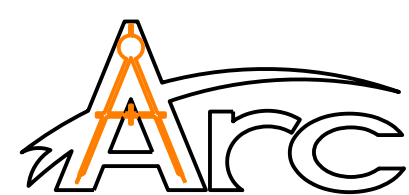
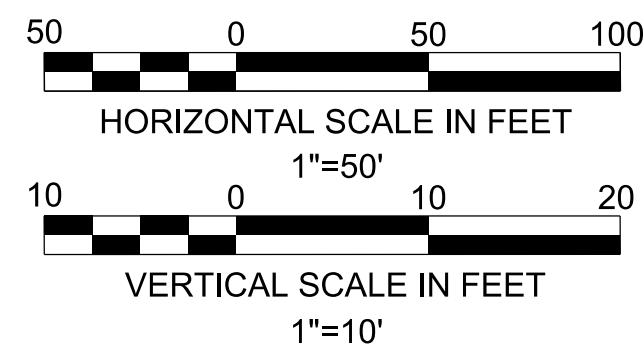
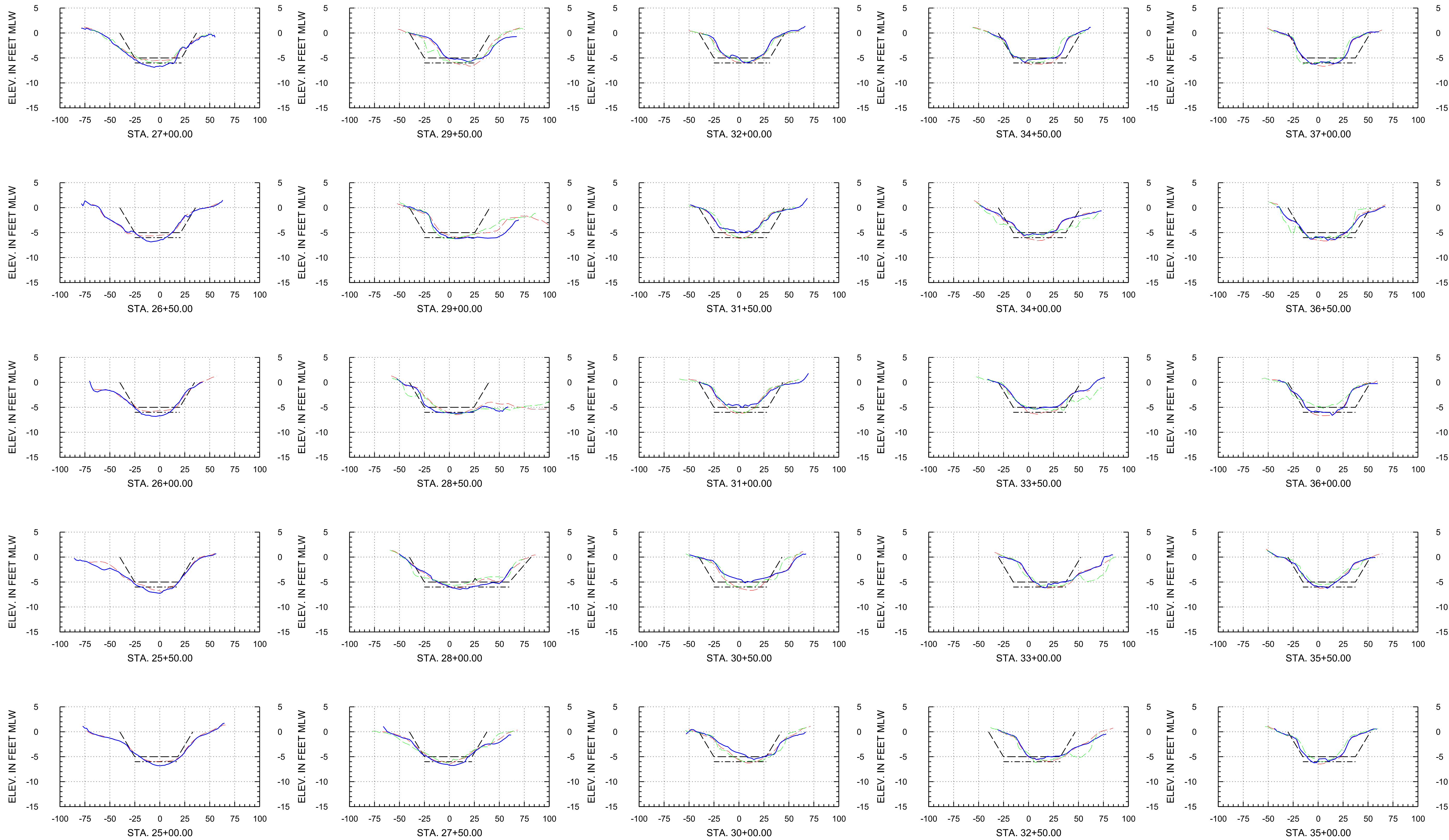
— = HYDROGRAPHIC SURVEY; APRIL 24, 2023
- - = HYDROGRAPHIC SURVEY; MARCH 10, 2023
- - - = HYDROGRAPHIC SURVEY; JANUARY 6, 2023
- - - - = DREDGE TEMPLATE: -5.0 MLW
- - - - - = DREDGE TEMPLATE: -6.0 MLW

MLW = MEAN LOW WATER
STA. = STATION

DATE	BY	REVISION

LB No. 6487
Drawn By: M. SAWYER
Scale: see map
Plot Date: 04/27/23
File Name:
Fld Bk / Pg: NA
ARC Project No.:
22-320
SHEET: 7 OF: 18

Baseline 1



Arc Surveying & Mapping, Inc.
Professional Hydrographers • Surveyors • Mappers
5202 San Juan Avenue
Jacksonville, Florida 32210
904.384.8377

Isle of Palms Special District

501 Riverside Avenue
Jacksonville, FL 32202

Project Title:

Isle of Palms South
Hydrographic After-Dredge Survey

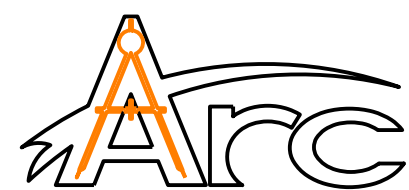
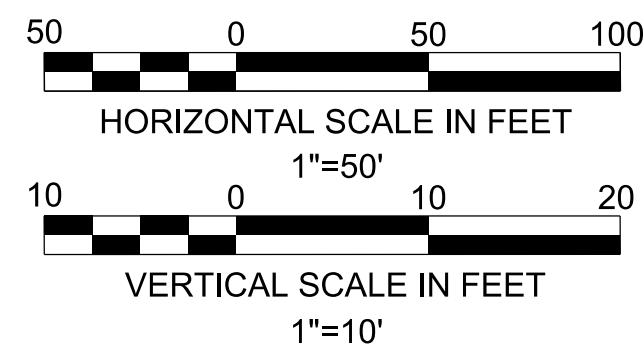
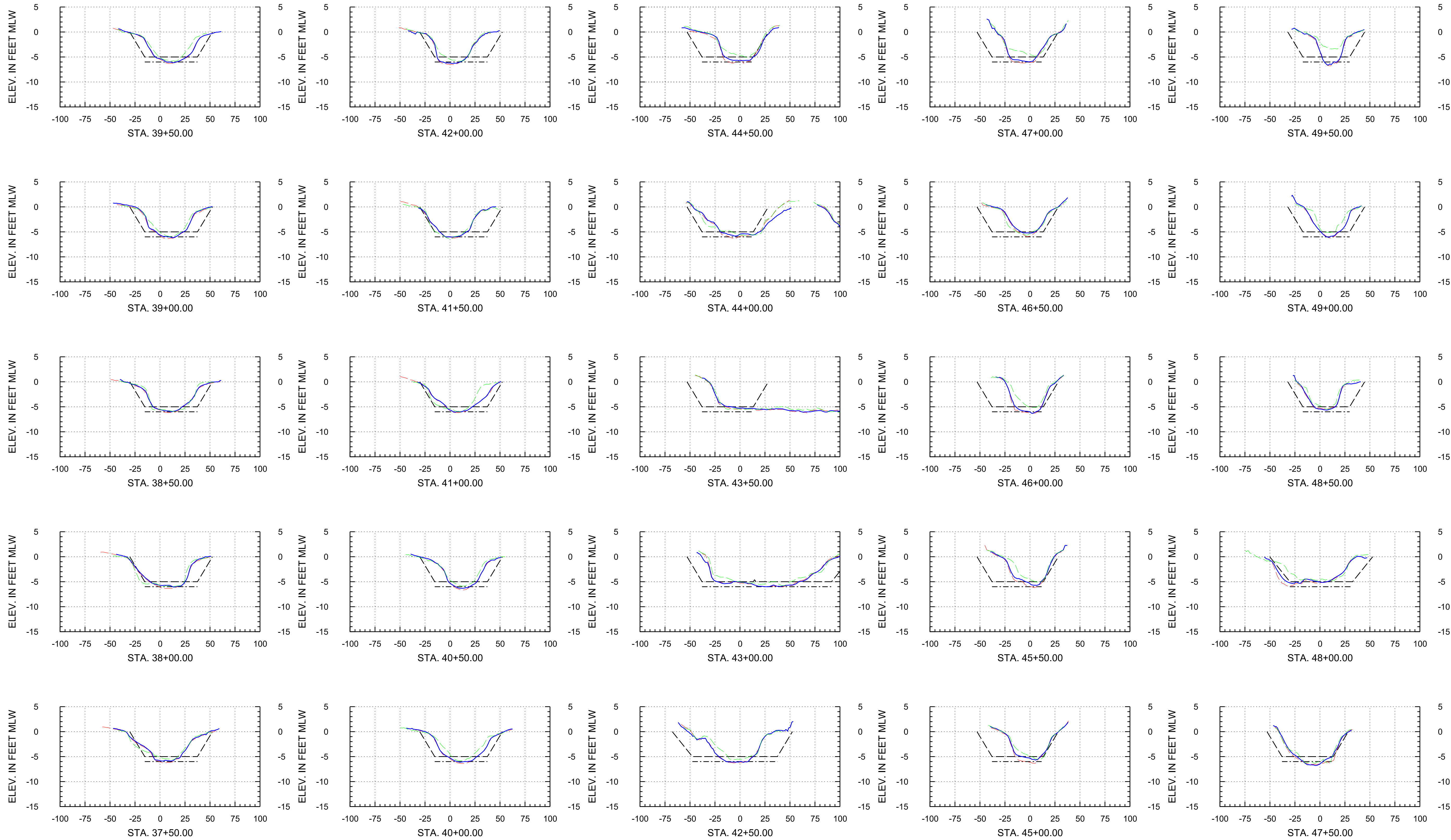
— = HYDROGRAPHIC SURVEY; APRIL 24, 2023
- - = HYDROGRAPHIC SURVEY; MARCH 10, 2023
... = HYDROGRAPHIC SURVEY; JANUARY 6, 2023
- - - = DREDGE TEMPLATE: -5.0 MLW
... = DREDGE TEMPLATE: -6.0 MLW

MLW = MEAN LOW WATER
STA. = STATION

DATE	BY	REVISION

LB No. 6487
Drawn By: M. SAWYER
Scale: see map
Plot Date: 04/27/23
File Name:
Fld Bk / Pg: NA
ARC Project No.:
22-320
SHEET: 8 OF: 18

Baseline 1



Arc Surveying & Mapping, Inc.
Professional Hydrographers • Surveyors • Mappers
5202 San Juan Avenue
Jacksonville, Florida 32210
904.384.8377

Isle of Palms Special District

501 Riverside Avenue
Jacksonville, FL 32202

Project Title:

Isle of Palms South
Hydrographic After-Dredge Survey

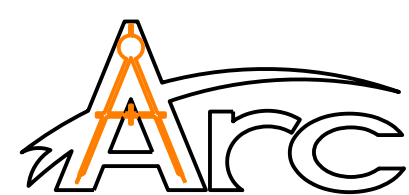
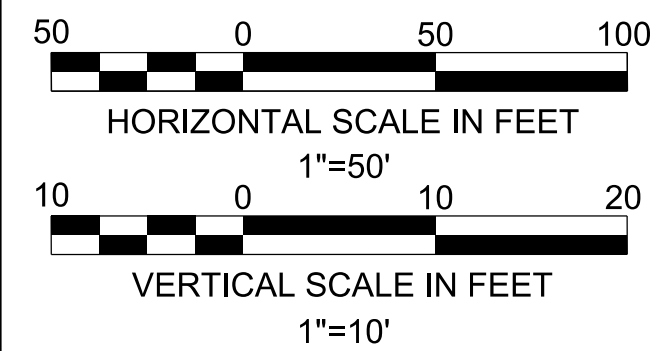
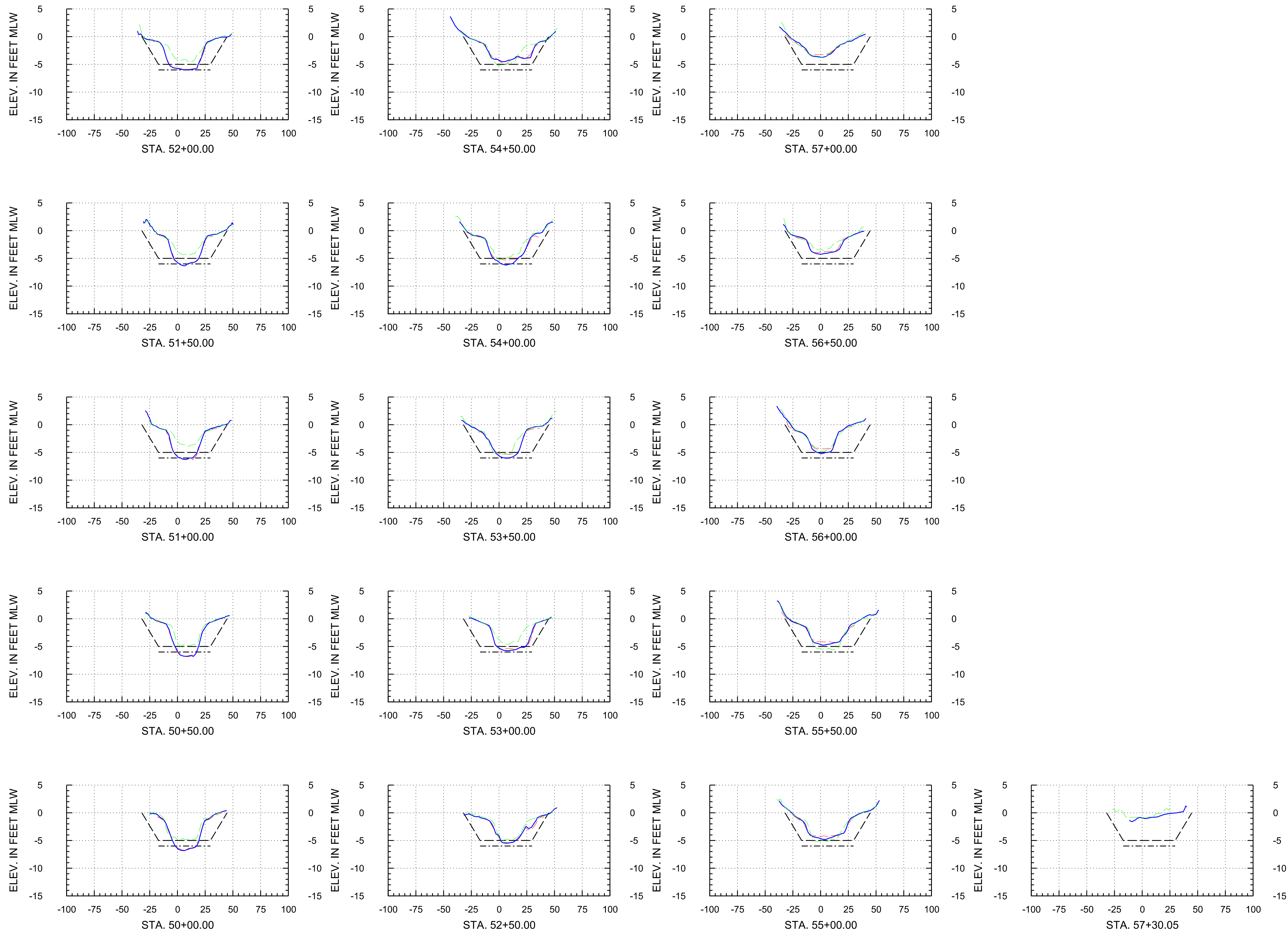
— = HYDROGRAPHIC SURVEY; APRIL 24, 2023
- - = HYDROGRAPHIC SURVEY; MARCH 10, 2023
- - - = HYDROGRAPHIC SURVEY; JANUARY 6, 2023
- - - - = DREDGE TEMPLATE: -5.0 MLW
- - - - - = DREDGE TEMPLATE: -6.0 MLW

MLW = MEAN LOW WATER
STA. = STATION

DATE	BY	REVISION

LB No. 6487
Drawn By: M. SAWYER
Scale: see map
Plot Date: 04/27/23
File Name:
Fld Bk / Pg: NA
ARC Project No.: 22-320
SHEET: 9 OF: 18

Baseline 1



Arc Surveying & Mapping, Inc.
Professional Hydrographers • Surveyors • Mappers
5202 San Juan Avenue
Jacksonville, Florida 32210
904.384.8377

Isle of Palms Special District

501 Riverside Avenue
Jacksonville, FL 32202

Project Title:

Isle of Palms South
Hydrographic After-Dredge Survey

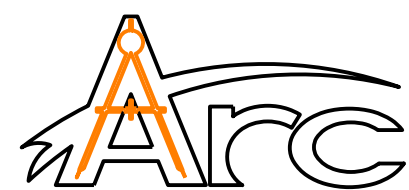
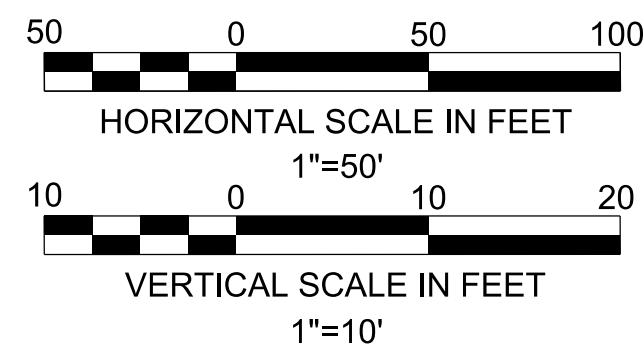
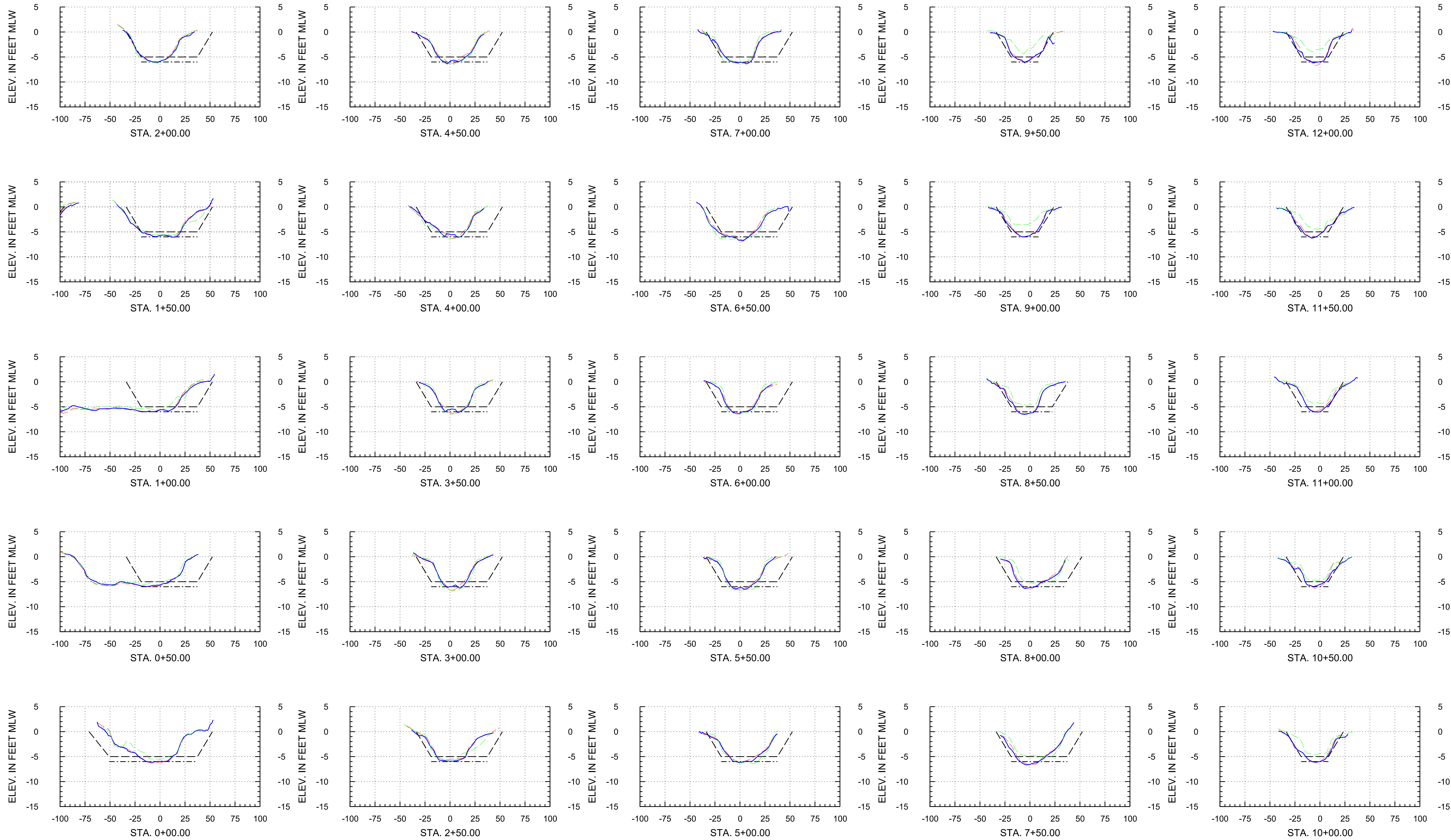
— = HYDROGRAPHIC SURVEY; APRIL 24, 2023
- - = HYDROGRAPHIC SURVEY; MARCH 10, 2023
- - - = HYDROGRAPHIC SURVEY; JANUARY 6, 2023
- - - - = DREDGE TEMPLATE: -5.0 MLW
- - - - - = DREDGE TEMPLATE: -6.0 MLW

MLW = MEAN LOW WATER
STA. = STATION

DATE	BY	REVISION

LB No. 6487
Drawn By: M. SAWYER
Scale: see map
Plot Date: 04/27/23
File Name:
Fld Bk / Pg: NA
ARC Project No.: 22-320
SHEET: 10 OF: 18

Baseline 2



Arc Surveying & Mapping, Inc.
Professional Hydrographers • Surveyors • Mappers
5202 San Juan Avenue
Jacksonville, Florida 32210
904.384.8377

Isle of Palms Special District

501 Riverside Avenue
Jacksonville, FL 32202

Project Title:

Isle of Palms South
Hydrographic After-Dredge Survey

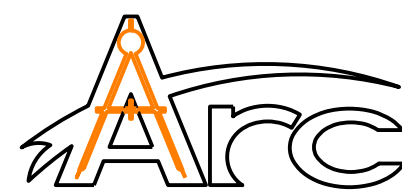
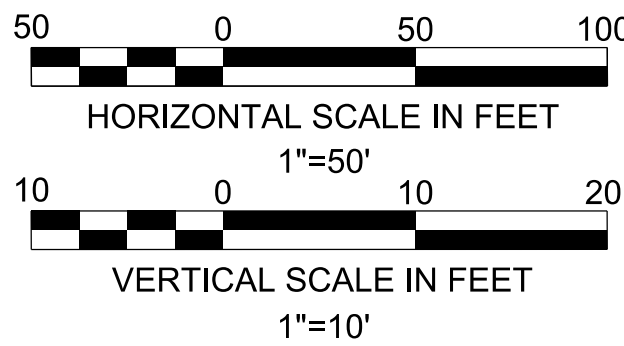
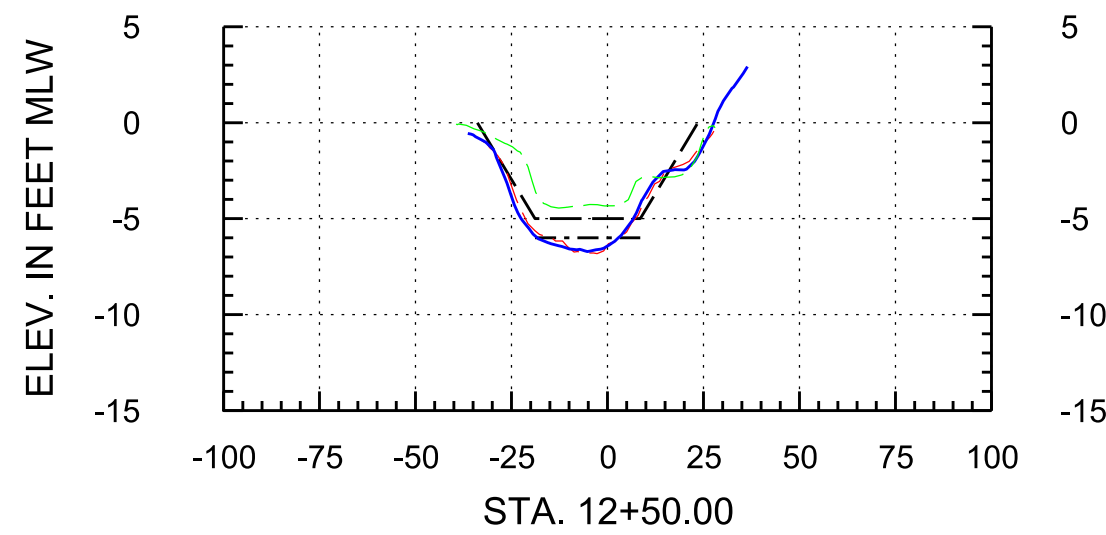
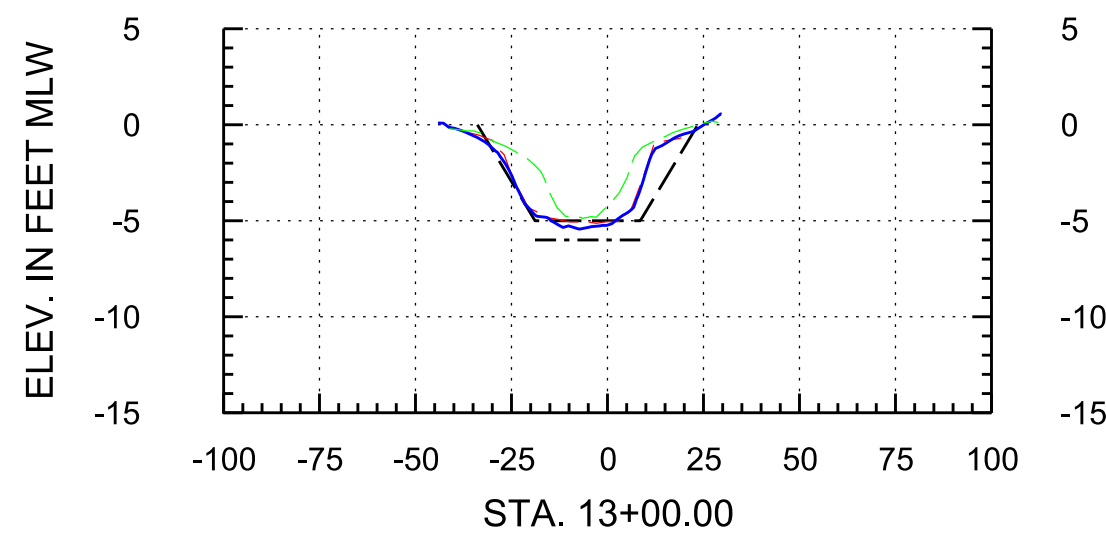
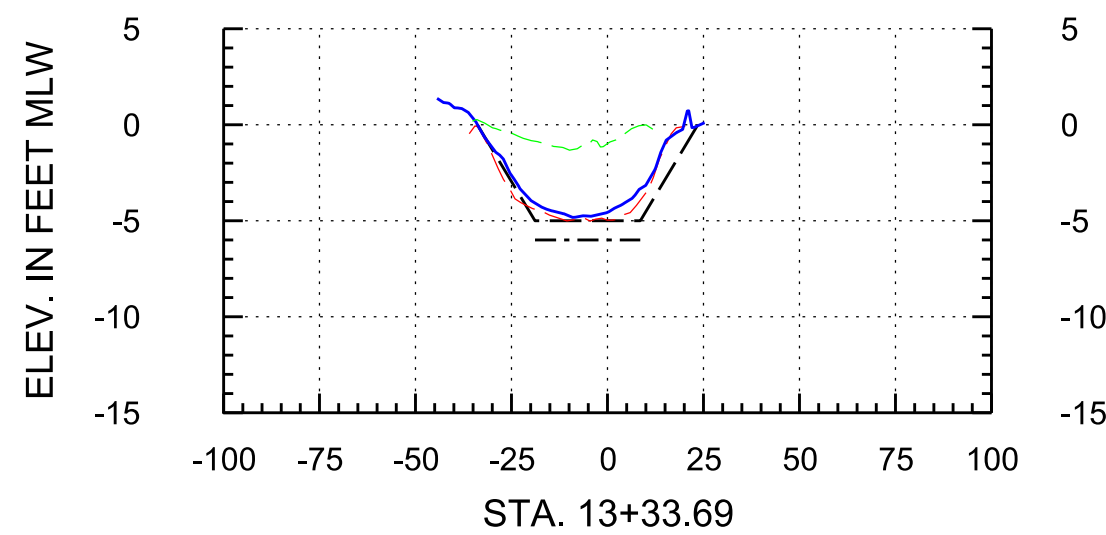
— = HYDROGRAPHIC SURVEY; APRIL 24, 2023
- - = HYDROGRAPHIC SURVEY; MARCH 10, 2023
- · - = HYDROGRAPHIC SURVEY; JANUARY 6, 2023
- - - = DREDGE TEMPLATE: -5.0 MLW
- · - - = DREDGE TEMPLATE: -6.0 MLW

MLW = MEAN LOW WATER
STA. = STATION

DATE	BY	REVISION

LB No. 6487
Drawn By: M. SAWYER
Scale: see map
Plot Date: 04/27/23
File Name:
Fld Bk / Pg: NA
ARC Project No.: 22-320
SHEET: 11 OF: 18

Baseline 2



Arc Surveying & Mapping, Inc.
Professional Hydrographers • Surveyors • Mappers
5202 San Juan Avenue
Jacksonville, Florida 32210
904.384.8377

Isle of Palms Special District

501 Riverside Avenue
Jacksonville, FL 32202

Project Title:

Isle of Palms South
Hydrographic After-Dredge Survey

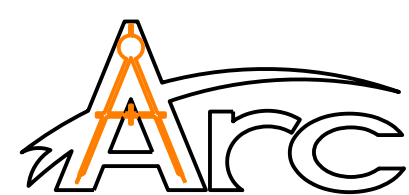
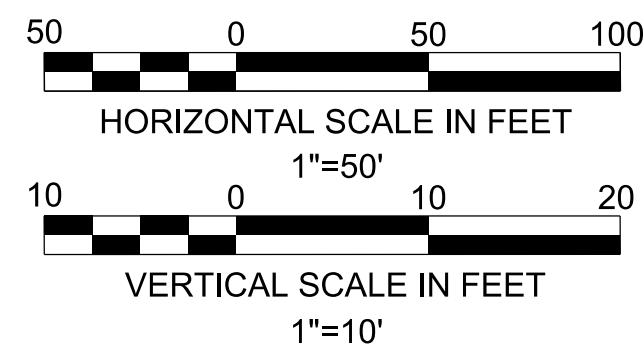
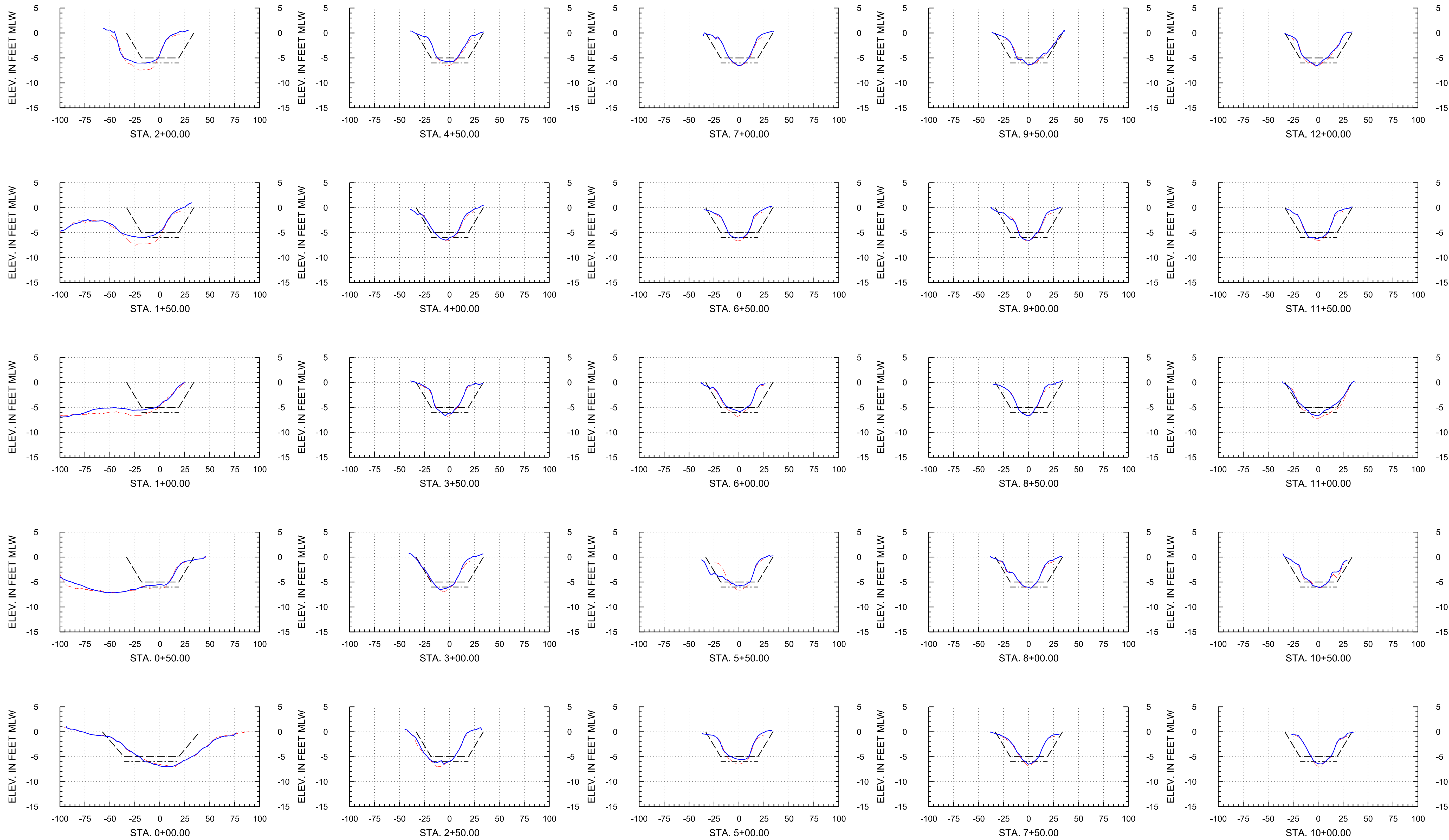
— = HYDROGRAPHIC SURVEY; APRIL 24, 2023
- - = HYDROGRAPHIC SURVEY; MARCH 10, 2023
- · - = HYDROGRAPHIC SURVEY; JANUARY 6, 2023
- - - = DREDGE TEMPLATE: -5.0 MLW
· · · - = DREDGE TEMPLATE: -6.0 MLW

MLW = MEAN LOW WATER
STA. = STATION

DATE	BY	REVISION

LB No. 6487
Drawn By: M. SAWYER
Scale: see map
Plot Date: 04/27/23
File Name:
Fld Bk / Pg: NA
ARC Project No.: 22-320
SHEET: 12 OF: 18

Baseline 4



Arc Surveying & Mapping, Inc.
Professional Hydrographers • Surveyors • Mappers
5202 San Juan Avenue
Jacksonville, Florida 32210
904.384.8377

Isle of Palms Special District

501 Riverside Avenue
Jacksonville, FL 32202

Project Title:

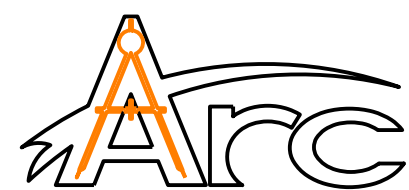
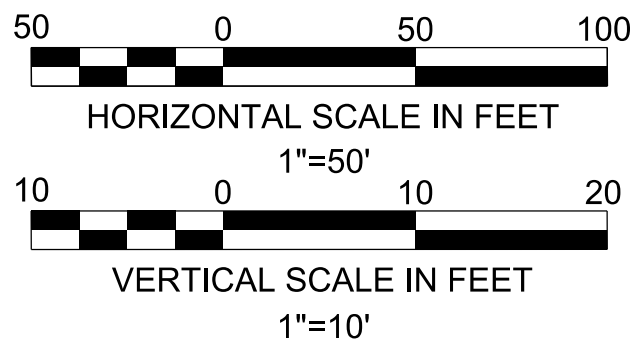
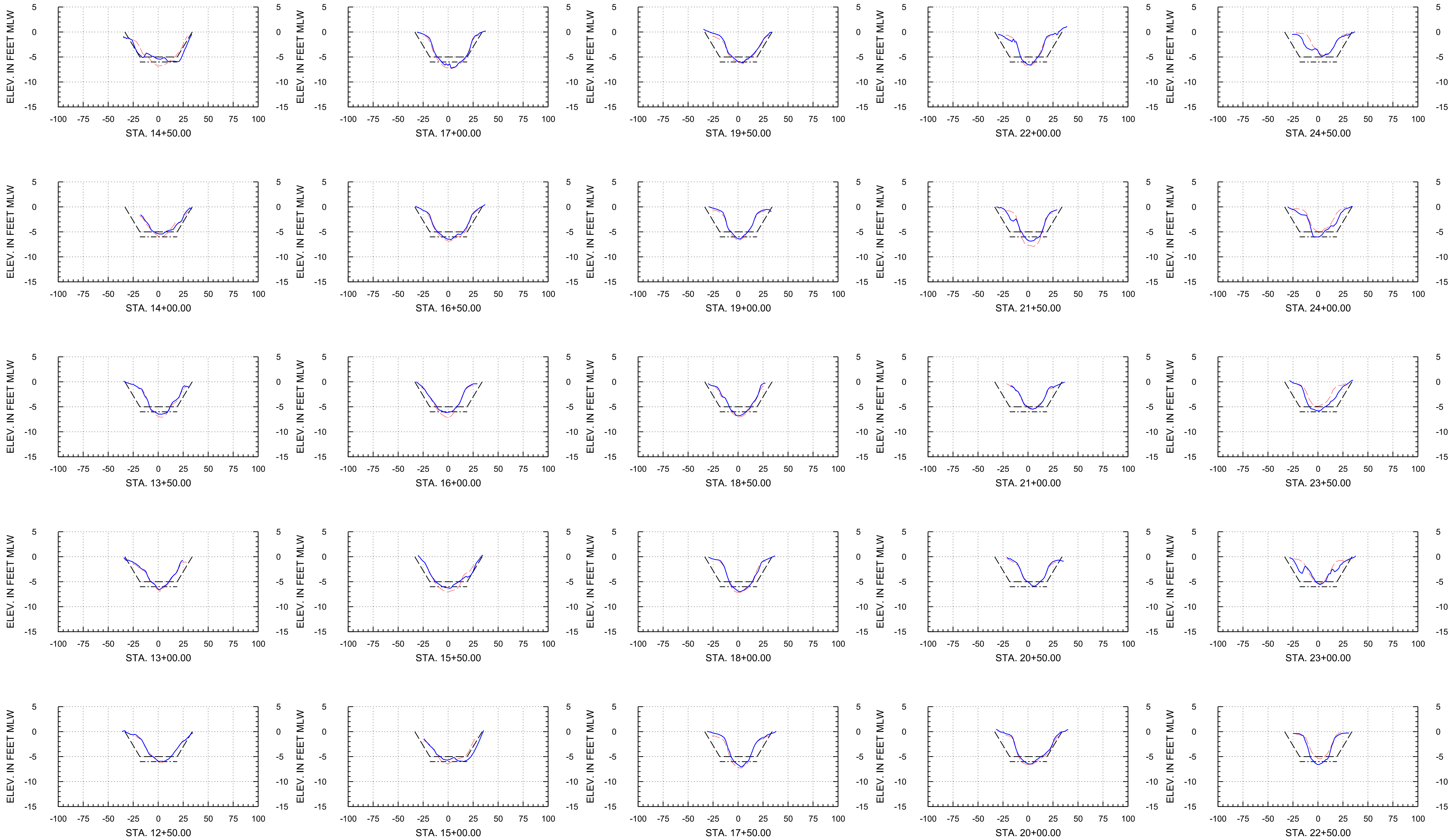
Isle of Palms South
Hydrographic After-Dredge Survey

— = HYDROGRAPHIC SURVEY; APRIL 24, 2023
- - = HYDROGRAPHIC SURVEY; MARCH 10, 2023
- - - = HYDROGRAPHIC SURVEY; JANUARY 6, 2023
- - - - = DREDGE TEMPLATE: -5.0 MLW
- - - - - = DREDGE TEMPLATE: -6.0 MLW

MLW = MEAN LOW WATER
STA. = STATION

LB No. 6487		
Drawn By: M. SAWYER		
Scale: see map		
Plot Date: 04/27/23		
File Name:		
Fld Bk / Pg: NA		
ARC Project No.: 22-320		
SHEET: 13 OF: 18		
DATE	BY	REVISION

Baseline 4



Arc Surveying & Mapping, Inc.
Professional Hydrographers • Surveyors • Mappers
5202 San Juan Avenue
Jacksonville, Florida 32210
904.384.8377

Isle of Palms Special District

501 Riverside Avenue
Jacksonville, FL 32202

Project Title:

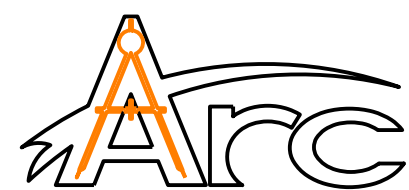
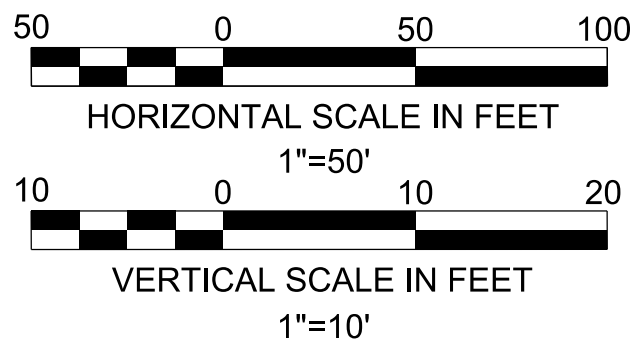
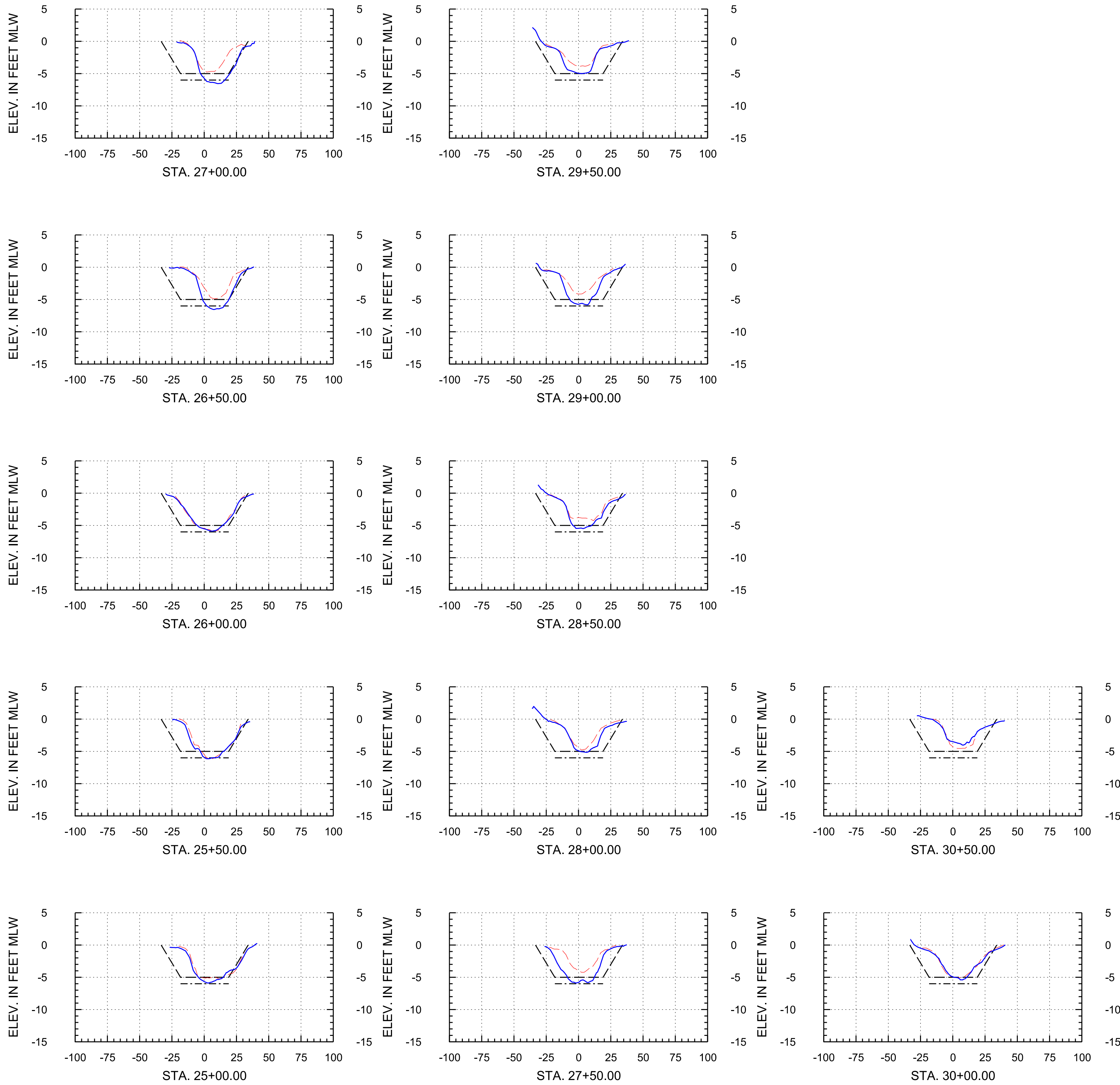
Isle of Palms South
Hydrographic After-Dredge Survey

— = HYDROGRAPHIC SURVEY; APRIL 24, 2023
- - = HYDROGRAPHIC SURVEY; MARCH 10, 2023
- - - = HYDROGRAPHIC SURVEY; JANUARY 6, 2023
- - - - = DREDGE TEMPLATE: -5.0 MLW
- - - - - = DREDGE TEMPLATE: -6.0 MLW

MLW = MEAN LOW WATER
STA. = STATION

LB No. 6487		
Drawn By: M. SAWYER		
Scale: see map		
Plot Date: 04/27/23		
File Name:		
Fld Bk / Pg: NA		
ARC Project No.: 22-320		
SHEET: 14 OF: 18		
DATE	BY	REVISION

Baseline 4



Arc Surveying & Mapping, Inc.
Professional Hydrographers • Surveyors • Mappers
5202 San Juan Avenue
Jacksonville, Florida 32210
904.384.8377

Isle of Palms Special District

501 Riverside Avenue
Jacksonville, FL 32202

Project Title:

Isle of Palms South
Hydrographic After-Dredge Survey

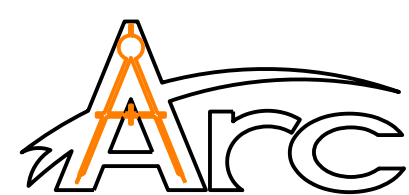
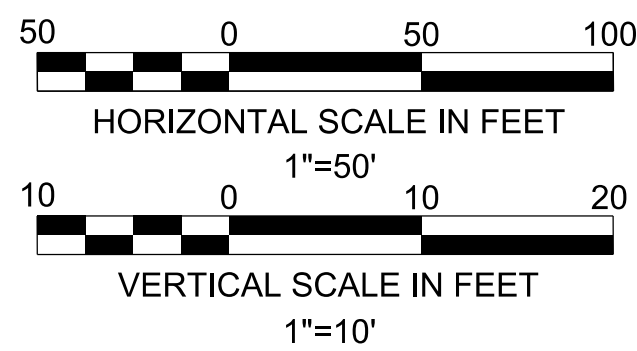
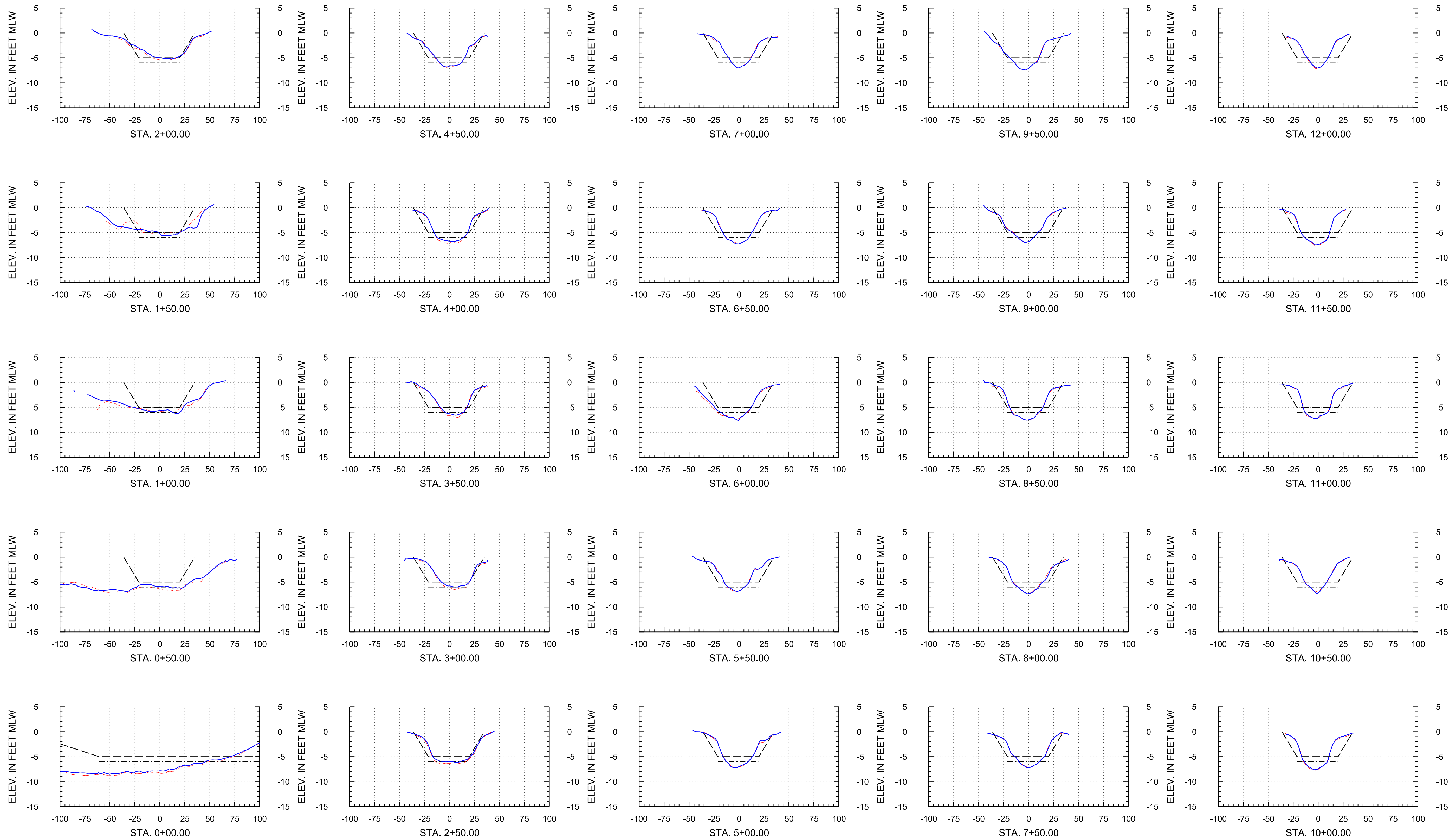
— = HYDROGRAPHIC SURVEY; APRIL 24, 2023
- - - = HYDROGRAPHIC SURVEY; MARCH 10, 2023
- - - = HYDROGRAPHIC SURVEY; JANUARY 6, 2023
- - - = DREDGE TEMPLATE: -5.0 MLW
- - - = DREDGE TEMPLATE: -6.0 MLW

MLW = MEAN LOW WATER
STA. = STATION

DATE	BY	REVISION

LB No. 6487
Drawn By: M. SAWYER
Scale: see map
Plot Date: 04/27/23
File Name:
Fld Bk / Pg: NA
ARC Project No.: 22-320
SHEET: 15 OF: 18

Baseline 5



Arc Surveying & Mapping, Inc.
Professional Hydrographers • Surveyors • Mappers
5202 San Juan Avenue
Jacksonville, Florida 32210
904.384.8377

Isle of Palms Special District

501 Riverside Avenue
Jacksonville, FL 32202

Project Title:

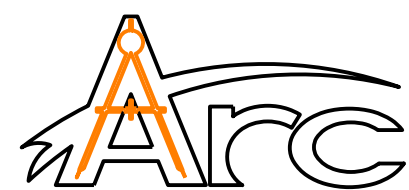
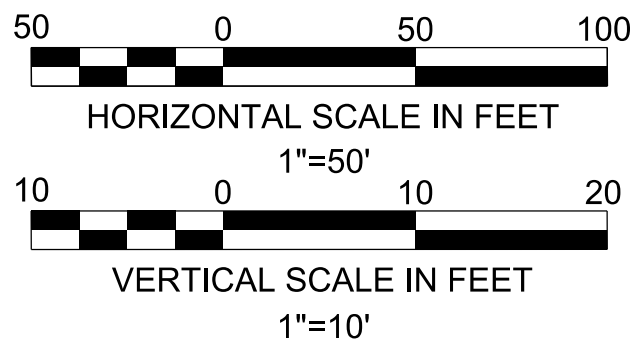
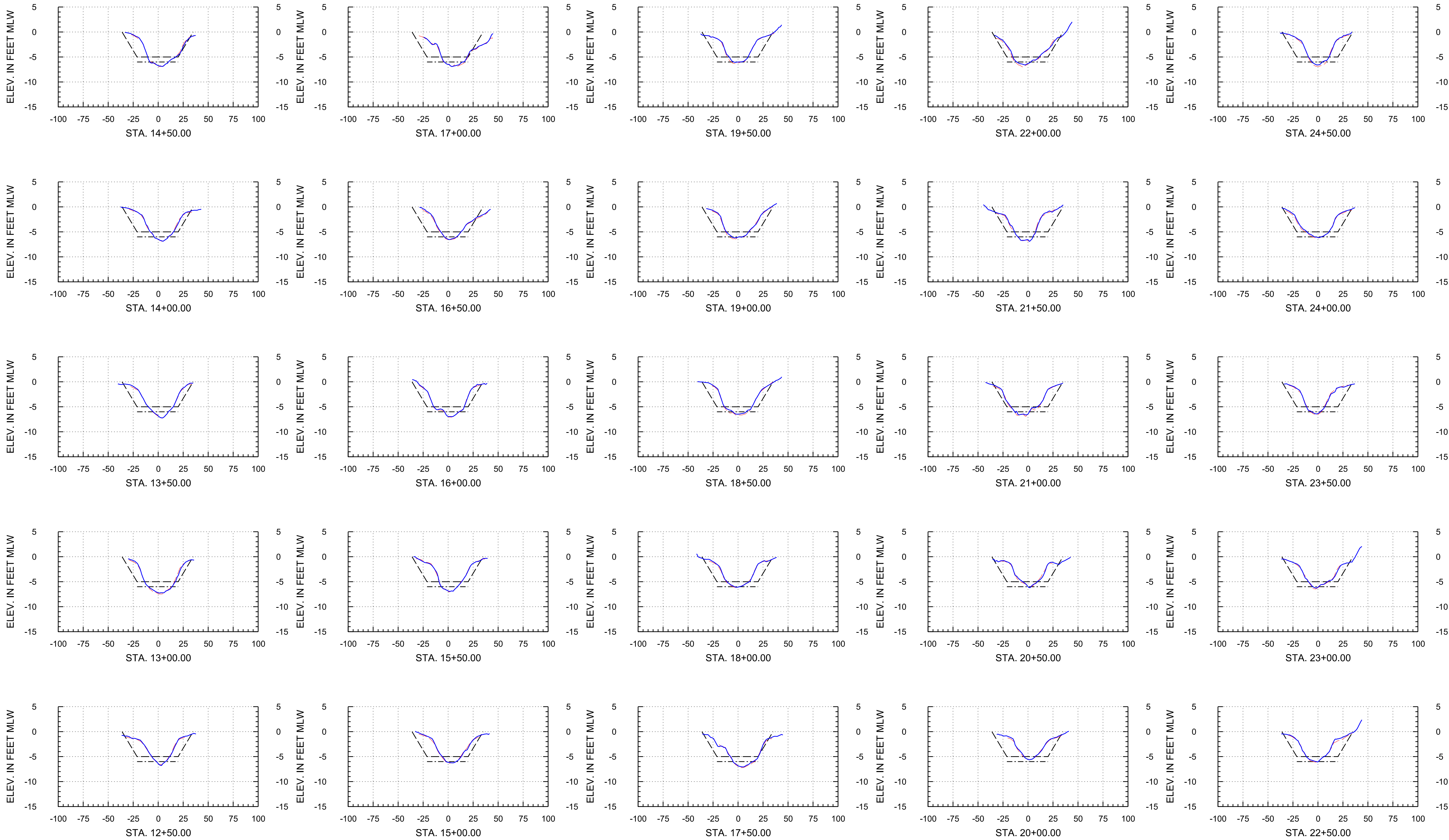
Isle of Palms South
Hydrographic After-Dredge Survey

— = HYDROGRAPHIC SURVEY; APRIL 24, 2023
- - = HYDROGRAPHIC SURVEY; MARCH 10, 2023
- - = HYDROGRAPHIC SURVEY; JANUARY 6, 2023
- - - = DREDGE TEMPLATE: -5.0 MLW
- - - - = DREDGE TEMPLATE: -6.0 MLW

MLW = MEAN LOW WATER
STA. = STATION

LB No. 6487		
Drawn By: M. SAWYER		
Scale: see map		
Plot Date: 04/27/23		
File Name:		
Fld Bk / Pg: NA		
ARC Project No.: 22-320		
SHEET: 16 OF: 18		
DATE	BY	REVISION

Baseline 5



Arc Surveying & Mapping, Inc.
Professional Hydrographers • Surveyors • Mappers
5202 San Juan Avenue
Jacksonville, Florida 32210
904.384.8377

Isle of Palms Special District

501 Riverside Avenue
Jacksonville, FL 32202

Project Title:

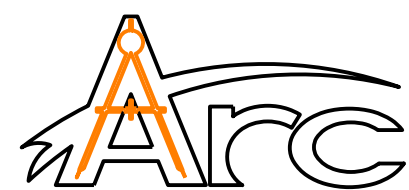
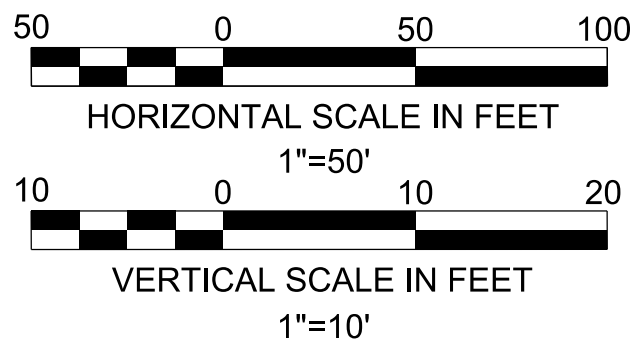
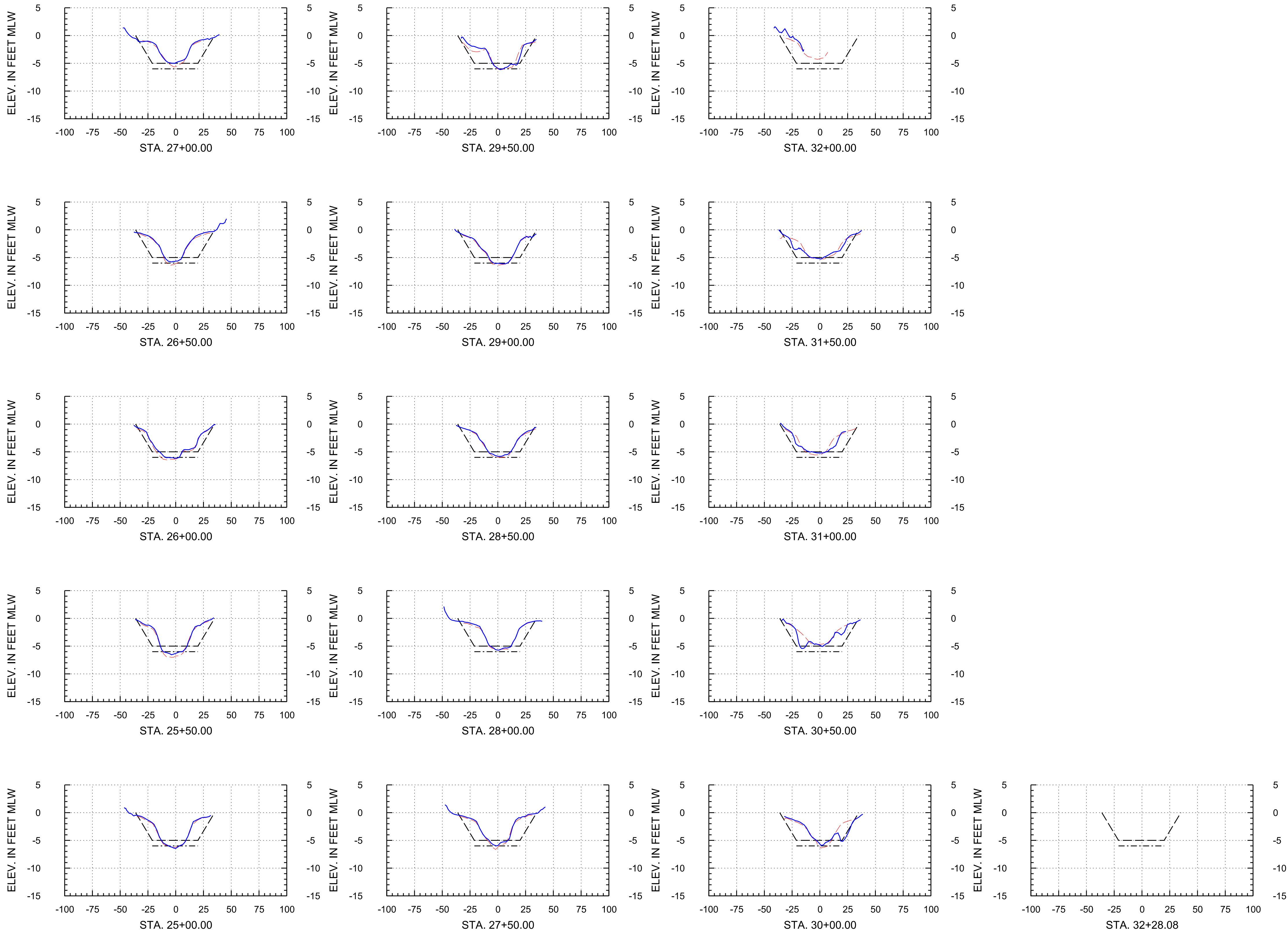
Isle of Palms South
Hydrographic After-Dredge Survey

— = HYDROGRAPHIC SURVEY; APRIL 24, 2023
- - = HYDROGRAPHIC SURVEY; MARCH 10, 2023
- - - = HYDROGRAPHIC SURVEY; JANUARY 6, 2023
- - - - = DREDGE TEMPLATE: -5.0 MLW
- - - - - = DREDGE TEMPLATE: -6.0 MLW

MLW = MEAN LOW WATER
STA. = STATION

LB No. 6487		
Drawn By: M. SAWYER		
Scale: see map		
Plot Date: 04/27/23		
File Name:		
Fld Bk / Pg: NA		
ARC Project No.: 22-320		
SHEET: 17 OF: 18		
DATE	BY	REVISION

Baseline 5



Arc Surveying & Mapping, Inc.
Professional Hydrographers • Surveyors • Mappers
5202 San Juan Avenue
Jacksonville, Florida 32210
904.384.8377

Isle of Palms Special District

501 Riverside Avenue
Jacksonville, FL 32202

Project Title:

Isle of Palms South
Hydrographic After-Dredge Survey

— = HYDROGRAPHIC SURVEY; APRIL 24, 2023
- - - = HYDROGRAPHIC SURVEY; MARCH 10, 2023
- - - = HYDROGRAPHIC SURVEY; JANUARY 6, 2023
- - - = DREDGE TEMPLATE: -5.0 MLW
- - - = DREDGE TEMPLATE: -6.0 MLW

MLW = MEAN LOW WATER
STA. = STATION

DATE	BY	REVISION

LB No. 6487
Drawn By: M. SAWYER
Scale: see map
Plot Date: 04/27/23
File Name:
Fld Bk / Pg: NA
ARC Project No.: 22-320
SHEET: 18 OF: 18