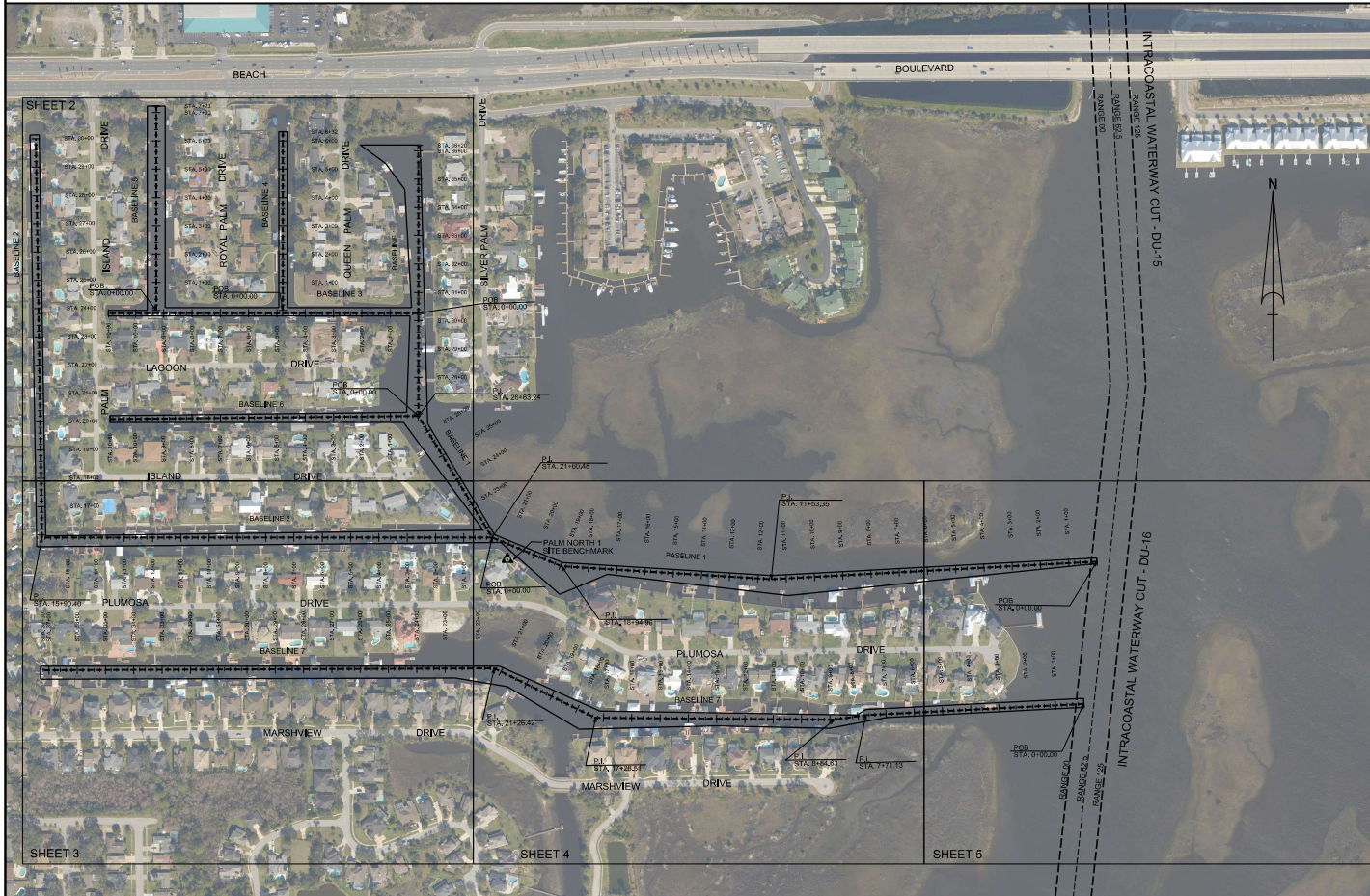
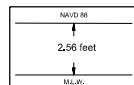


A MAP SHOWING A HYDROGRAPHIC SURVEY OF A PORTION OF ISLE OF PALMS NORTH CANAL SYSTEM LOCATED IN DUVAL COUNTY, FLORIDA



LEGEND/ABBREVIATIONS

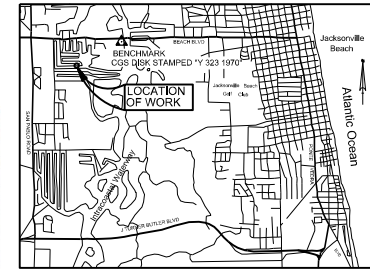
- = CHANNEL CENTERLINE
- = CHANNEL TOE
- MLW = MEAN LOW WATER
- NO. = NUMBER
- P.I. = POINT OF INTERSECTION
- POB = POINT OF BEGINNING
- STA. = STATION
- NAVD 88 = NORTH AMERICAN VERTICAL DATUM 1988
- ELEV. = ELEVATION
- CGS = COASTAL GEODETIC SURVEY



Relationship between NAVD 88 and Mean Low Water

BENCHMARKS	NAVD88 ELEV. (FT)	PLANE COORDINATES		DESCRIPTION
		N	E	
Y 323	15.82	528,08.59	2,185,038.44	CGS BRASS DESK IN CONCRETE STAMPED Y 323 1970
PALM NORTH 1	4.20	521,064.20	2,183,201.06	SET 10" IRON PIPE W/ CAP LBM 6486

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

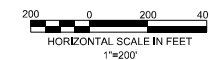
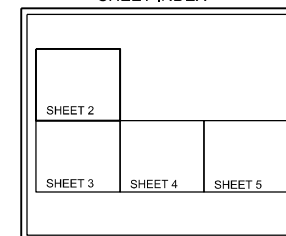


VICINITY MAP
NOT TO SCALE

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 Y323.
 - UNITS: U.S. SURVEY FEET.
 - CONTOUR INTERVAL: 1 FOOT.
 - THIS HYDROGRAPHIC SURVEY WAS PERFORMED UTILIZING DIFFERENTIAL GPS (DGPS) SURVEYING METHODS FOR HORIZONTAL POSITIONING.
 - SOUNDINGS WERE COLLECTED USING A KNUDSEN 320M SINGLE BEAM SONAR, DATA PROCESSING WAS COMPLETED USING HYPACK HYSWEEP SOFTWARE.
 - THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF A SURVEY PERFORMED ON THE INDICATED DATES BELOW AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS AT THAT TIME.
- VESSEL DATE OF SURVEY
JON BOAT JUNE 23-JULY 6, 2020
- 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 LABELED "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 INFORMATION, IT IS NOT TO BE USED FOR NAVIGATION.
 - BACKGROUND PHOTOGRAPHY WAS OBTAINED FROM WWW.ABINS.ORG, DATED 2017.
 - DOCKS WERE NOT LOCATED DURING THIS SURVEY. LOCATIONS BASED ON AN ARC FEBRUARY 2018 ISLE OF PALMS SURVEY.

SHEET INDEX



DATE	BY	REVISION

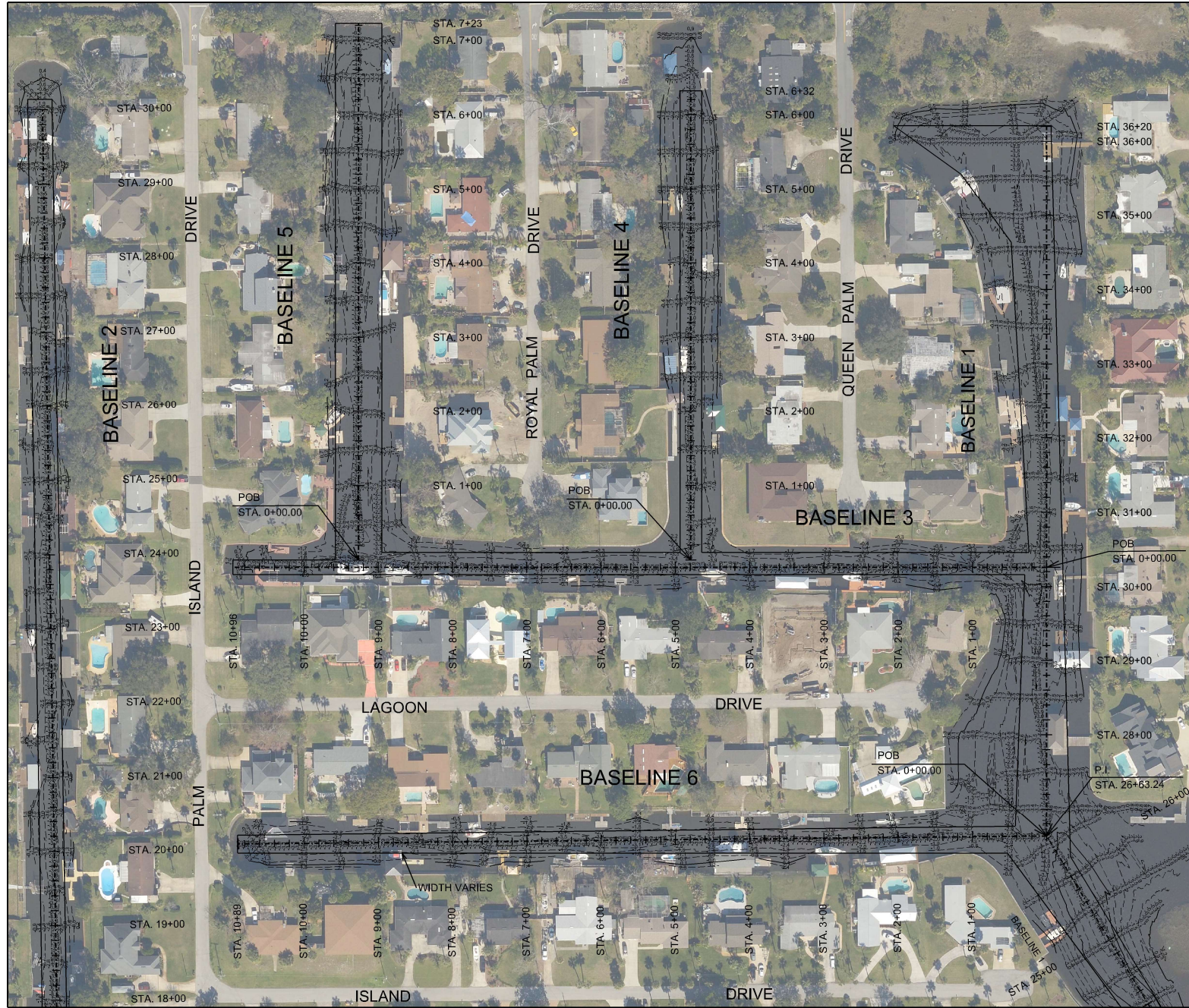
Project Title:
Isle of Palms North
Hydrographic Survey

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

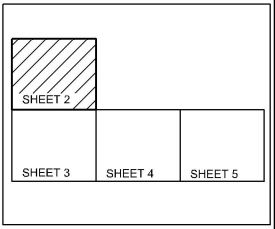
Arc Surveying & Mapping, Inc.
Professional Hydrographers • Surveyors • Mappers
5202 San Juan Avenue
Jacksonville, FL 32217
904.384.4377



LD No. 6487
Drawn By: D. Traub
Scale: see map
Plot Date: 07/15/20
File Name:
Title Block: Project
ARC Project No.:
2020-0077
SHEET: 1 OF 24



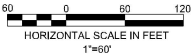
SHEET INDEX



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 NO. 2020-0077
2. SEE SHEET NO.1 FOR SURVEY NOTES.



DATE	BY	REVISION

Project Title:
Isle of Palms North
Hydrographic Survey

Prepared For:
Isle of Palms Special District
901 Broward Pk. S. 3202
Jacksonville, FL 32202

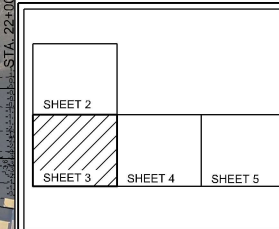
Arc Surveying & Mapping, Inc.
Professional Hydrographers • Surveyors • Mappers
5202 San Juan Avenue
Jacksonville, FL 32202
904.384.6377



LD No. 5487
Drawn By: D. Trauba
Scale: see map
Plot Date: 07/15/20
File Name:
File Path:
ARC Project No.: 2020-0077
SHEET: 2 OF 24



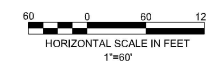
SHEET INDEX



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 NO. 2020-0077
2. SEE SHEET NO.1 FOR SURVEY NOTES.



DATE	BY	REVISION

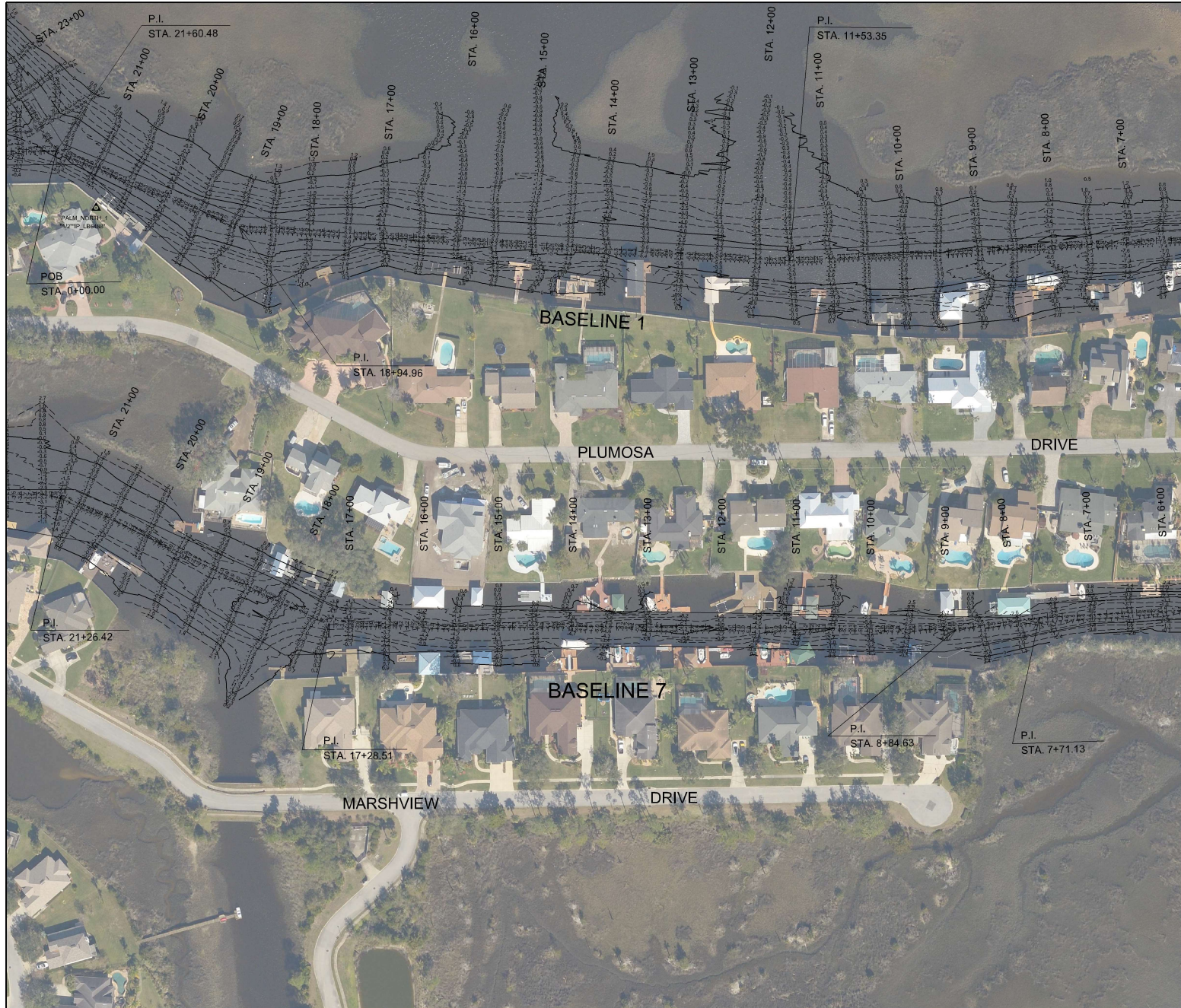
Project Title:
Isle of Palms North
Hydrographic Survey

Prepared For:
Isle of Palms Special District
901 Seaside Blvd., Jacksonville, FL 32209

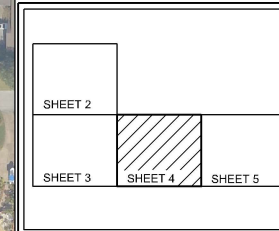
Arc Surveying & Mapping, Inc.
Professional Hydrographers • Surveyors • Mappers
5202 San Juan Avenue
Jacksonville, FL 32217
904.384.6377



LD No. 5487
Drawn By: D. Traibls
Scale: see map
Plot Date: 07/15/20
File Name:
File Path: \\gfh\h
ARC Project No.: 2020-0077
SHEET: 3 OF 24



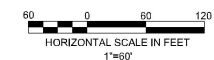
SHEET INDEX



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 NO. 2020-0077
 2. SEE SHEET NO.1 FOR SURVEY NOTES.

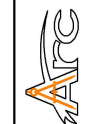


DATE	BY	REVISION

Project Title:
Isle of Palms North
Hydrographic Survey

Prepared For:
Isle of Palms Special District
5202 San Juan Avenue
Jacksonville, FL 32209

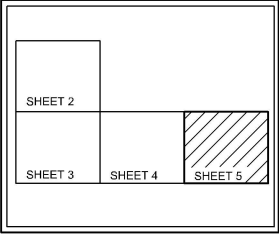
Arc Surveying & Mapping, Inc.
Professional Hydrographers • Surveyors • Mappers
5202 San Juan Avenue
Jacksonville, FL 32209
904.384.6377



LD No. 5487
Drawn By: D. Trahls
Scale: see map
Plot Date: 07/15/20
File Name:
File Path:
ARC Project No.:
2020-0077
SHEET: 4 OF 24



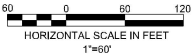
SHEET INDEX



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 NO. 2020-0077
2. SEE SHEET NO.1 FOR SURVEY NOTES.



DATE	BY	REVISION

Project Title:
Isle of Palms North
Hydrographic Survey

Prepared For:
Isle of Palms Special District
3000 Palmetto Avenue
Jacksonville, FL 32202

Arc Surveying & Mapping, Inc.
Professional Hydrographers • Surveyors • Mappers
5202 San Juan Avenue
Jacksonville, FL 32202
904.384.6377



LD No. 5487
Drawn By: D. Trubits
Scale: see map
Plot Date: 07/15/20
File Name:
File Path: P:\Data
ARC Project No.: 2020-0077
SHEET: 5 OF 24