

LEGEND UPDATES\*

- POST DREDGE CONTOURS
- CONTOUR OF CONTRACT GRADE (-5.0' MLW)  
CENTERLINE OF SURVEYOR DREDGED TEMPLATE
- SURVEYOR DREDGE TEMPLATE
- 6.8 ELEVATIONS BELOW -5.5' MLW  
(ALLOWABLE DREDGE DEPTH)
- 3.1 ELEVATIONS ABOVE CONTRACT GRADE  
(-5.0' MLW)

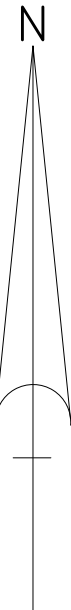
\*DESCRIPTIONS OF CONTOURS AND BLUE/RED NUMBERS ARE BASED ON 4/12/2022 EMAIL PROVIDED BY RICHARD SAWYER (ARC SURVEYING & MAPPING, INC).

UPDATE ADDED BY WOOD ON 5/12/2022

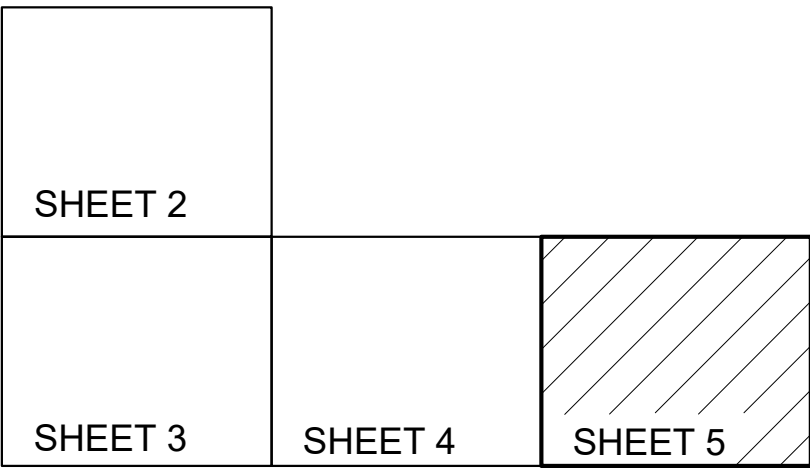
MARK UP LEGEND

FURTHER DREDGING REQUIRED  
TO MEET -5.0' MLW TARGET  
DREDGE ELEVATION

MARK-UP OVER ARC SURVEY  
PREPARED BY WOOD 5/12/2022



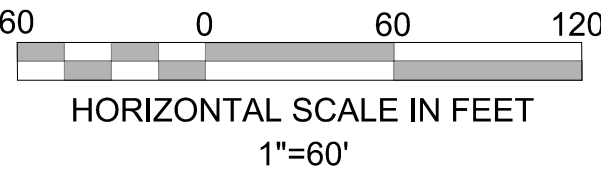
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LEGEND/ABBREVIATIONS

- = CHANNEL CENTERLINE
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- ELEV.= ELEVATION

- NOTES:
1. REFER TO SURVEY NO. 21-272
  2. SEE SHEET NO.1 FOR SURVEY NOTES.



DATE	BY	REVISION

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

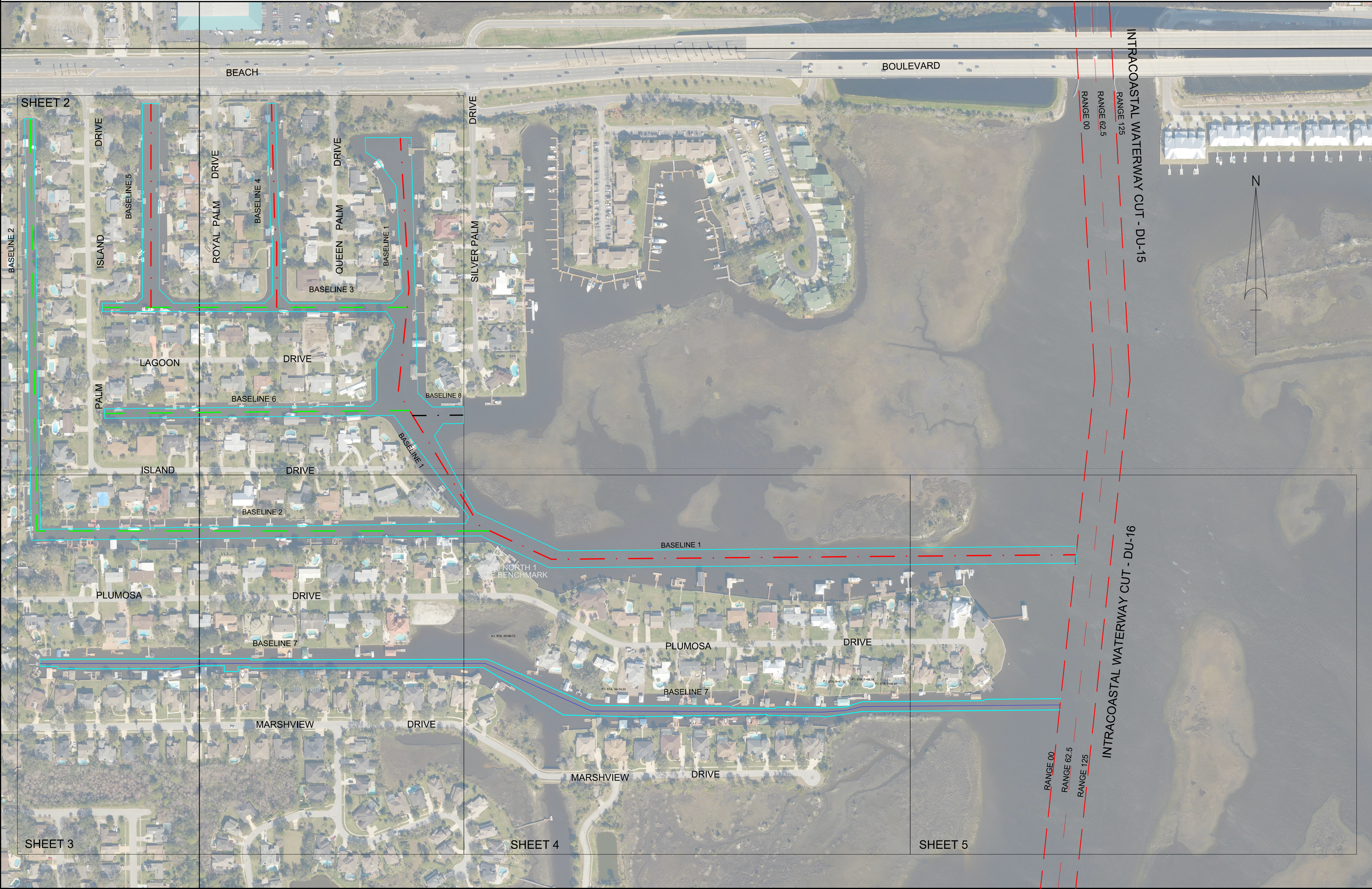
Prepared For:  
Isle of Palms Special District  
501 Riverside Avenue  
Jacksonville, FL 32202

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

LB No. 6487  
Drawn By: D. Trabits  
Scale: see map  
Plot Date: 04/07/22  
File Name:  
Fld Bk / Pg:NA  
ARC Project No.:  
21-272  
SHEET: 5 OF: 18

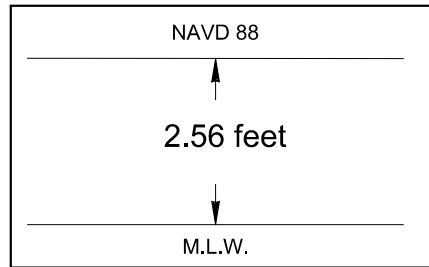


A MAP SHOWING A HYDROGRAPHIC SURVEY OF  
A PORTION OF ISLE OF PALMS NORTH CANAL SYSTEM  
LOCATED IN DUVAL COUNTY, FLORIDA



LEGEND/ABBREVIATIONS

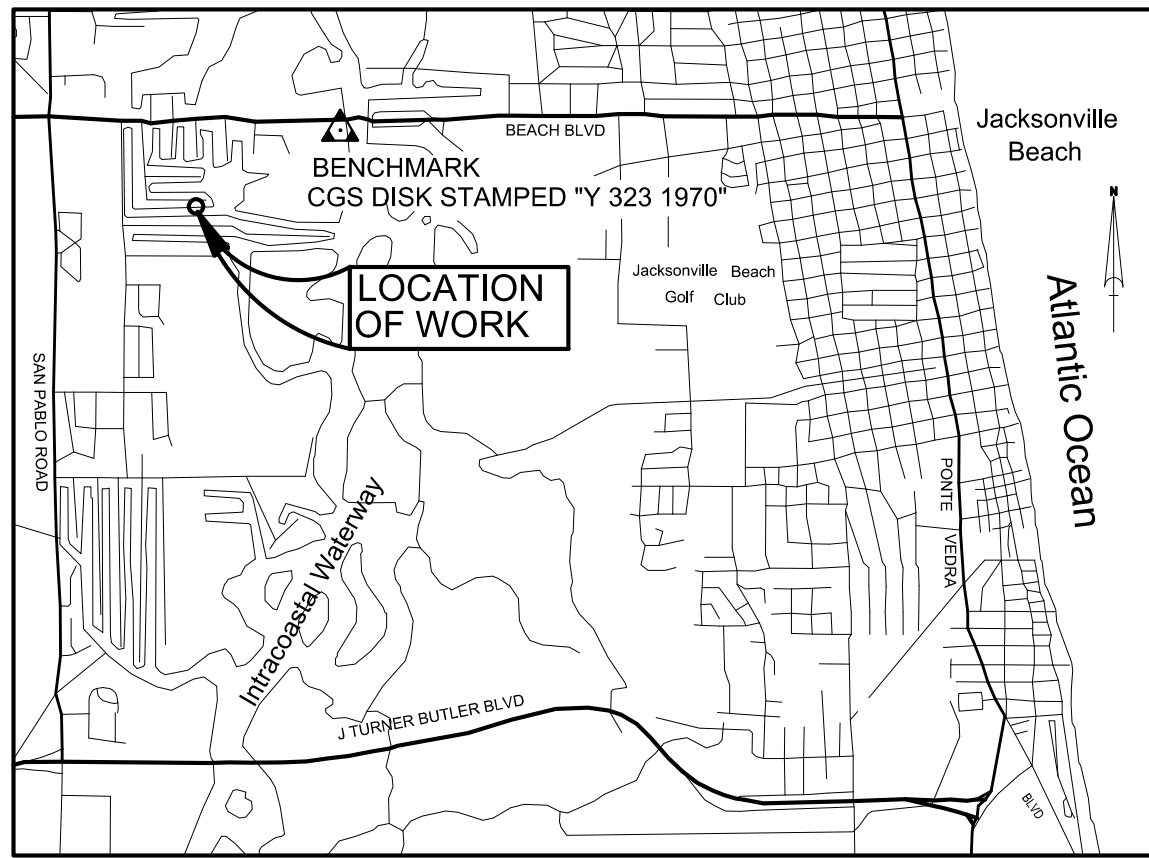
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NAVD 88 = NORTH AMERICAN  
VERTICAL DATUM 1988  
ELEV.= ELEVATION  
CGS = COASTAL GEODETIC SURVEY



Relationship between NAVD 88  
and Mean Low Water

BENCHMARKS	NAVD88 ELEV. (FT)	PLANE COORDINATES		DESCRIPTION
		X	Y	
Y 323	15.82	528,089.59	2,165,028.44	CGS BRASS DISK IN CONCRETE STAMPED Y 323 1970
PALM NORTH 1	4.60	521,064.20	2,163,201.96	SET 1/2" IRON PIPE W/ CAP LB# 6488

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



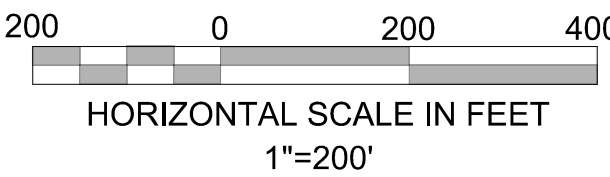
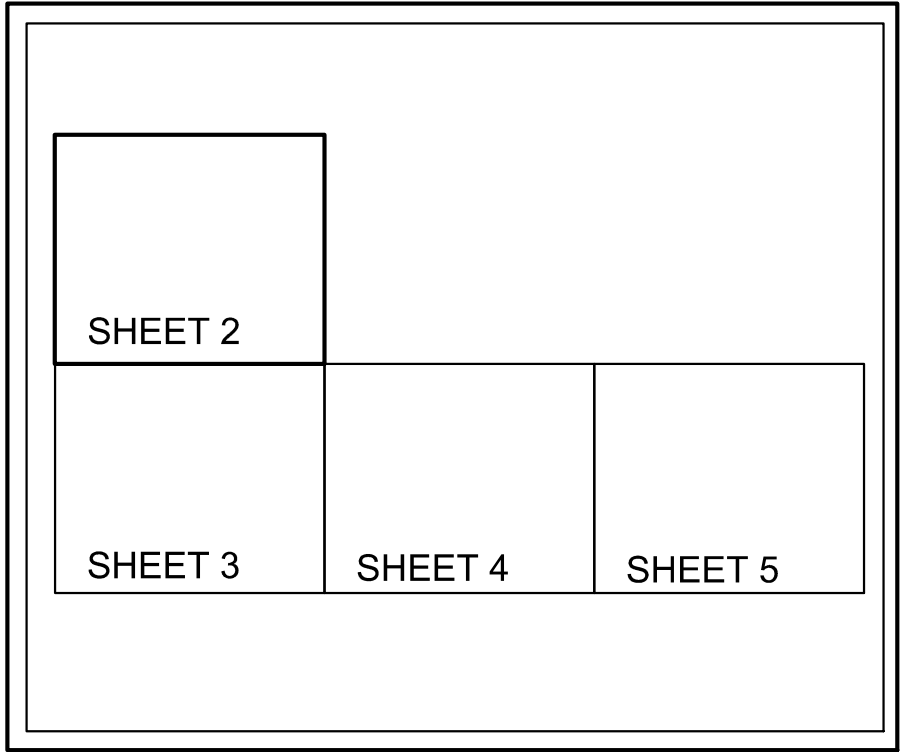
VICINITY MAP  
NOT TO SCALE

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 3723.
- 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 AN ODOM CV-100 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	MARCH 15-29
	BASELINES 1-7
- 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.LABINS.ORG, DATED 2017.
- SURVEY BASELINES AND TEMPLATE REVISIONS PER CLIENT MARKUPS, JULY 22, 2021

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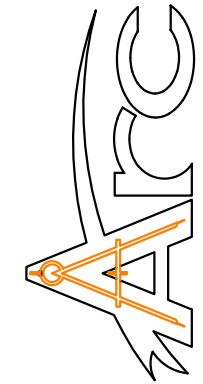


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Project Title:  
Isle of Palms North  
Hydrographic After-Dredge Survey

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904.384.8377



LB No. 6487  
Drawn By: D. Trabits  
Scale: see map  
Plot Date: 04/07/22  
File Name:  
Fld Bk / Pg:NA  
ARC Project No.:  
21-272  
SHEET: 1 OF: 18





MARK UP LEGEND

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TO MEET -5.0' MLW TARGET  
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MARK-UP OVER ARC SURVEY  
PREPARED BY WOOD 5/12/2022



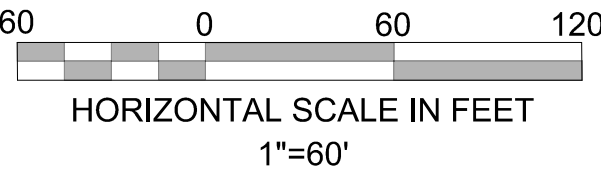
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SHEET 3	SHEET 4	SHEET 5

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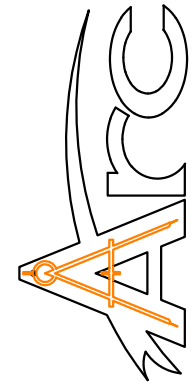
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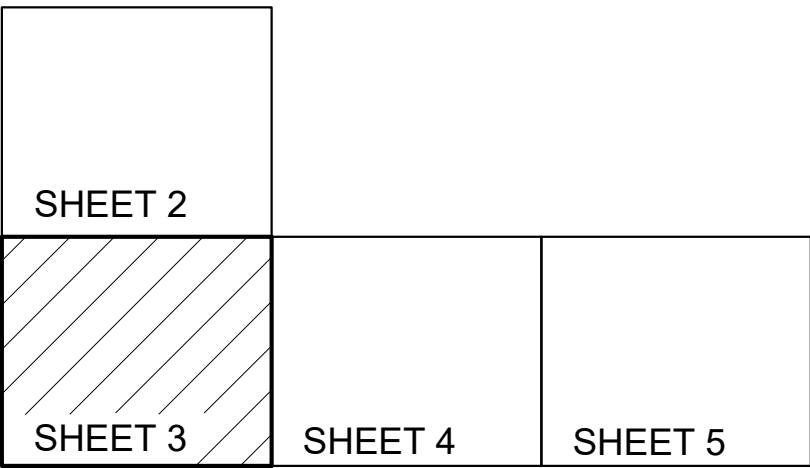
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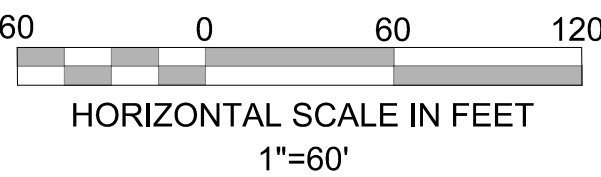
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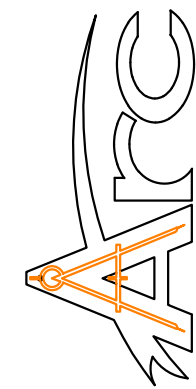


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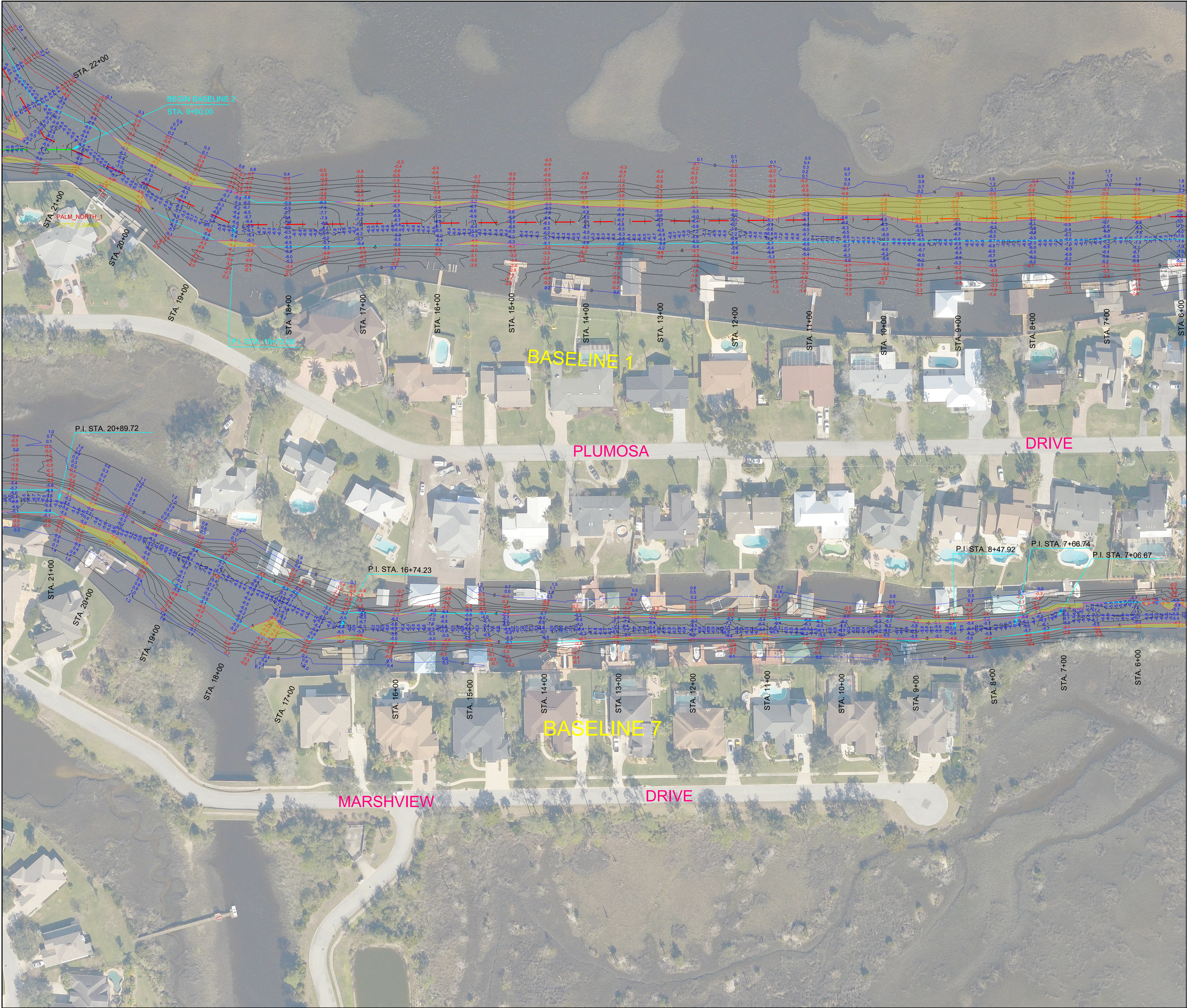
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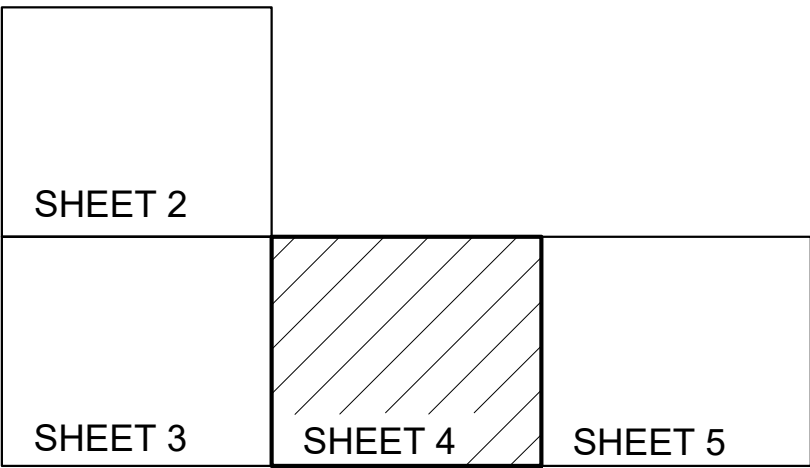
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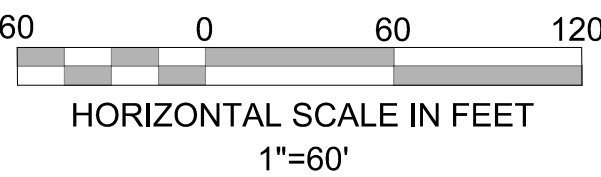
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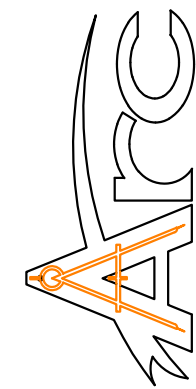


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