

BASELINE 1

STA. 11+00
STA. 10+00
STA. 9+00
STA. 8+00
STA. 7+00
STA. 6+00
STA. 5+00
STA. 4+00
STA. 3+00
STA. 2+00
STA. 1+00

POB
STA. 0+00.00

RANGE 00
RANGE 62.5
RANGE 125
INTRACOASTAL WATERWAY CUT - DU-18

LEGEND UPDATES*

- POST DREDGE CONTOURS
- CONTOUR OF CONTRACT GRADE (-5.0' MLW)
CENTERLINE OF SURVEYOR DREDGED TEMPLATE
- SURVEYOR DREDGE TEMPLATE
- WOOD CHANNEL 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 4/18/2022

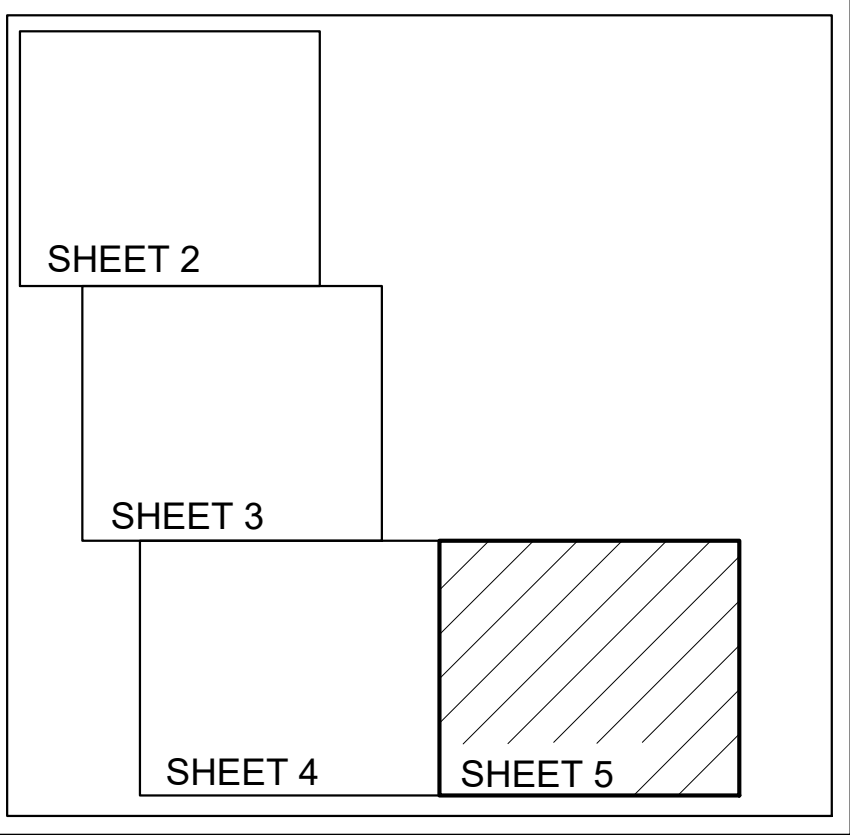
MARK UP LEGEND

FURTHER DREDGING REQUIRED
TO MEET -5.0' MLW TARGET
DREDGE ELEVATION WITHIN WOOD
CHANNEL DREDGE TEMPLATE

MARK-UP OVER ARC SURVEY
PREPARED BY WOOD 6/10/2022



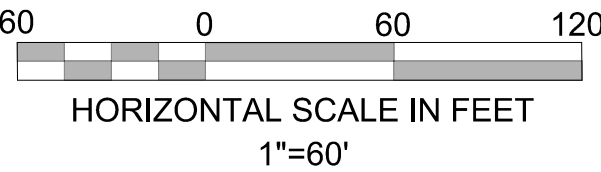
SHEET INDEX



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

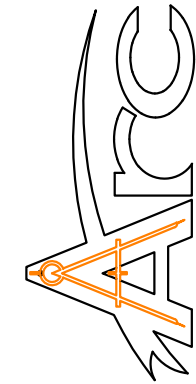


DATE	BY	REVISION

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

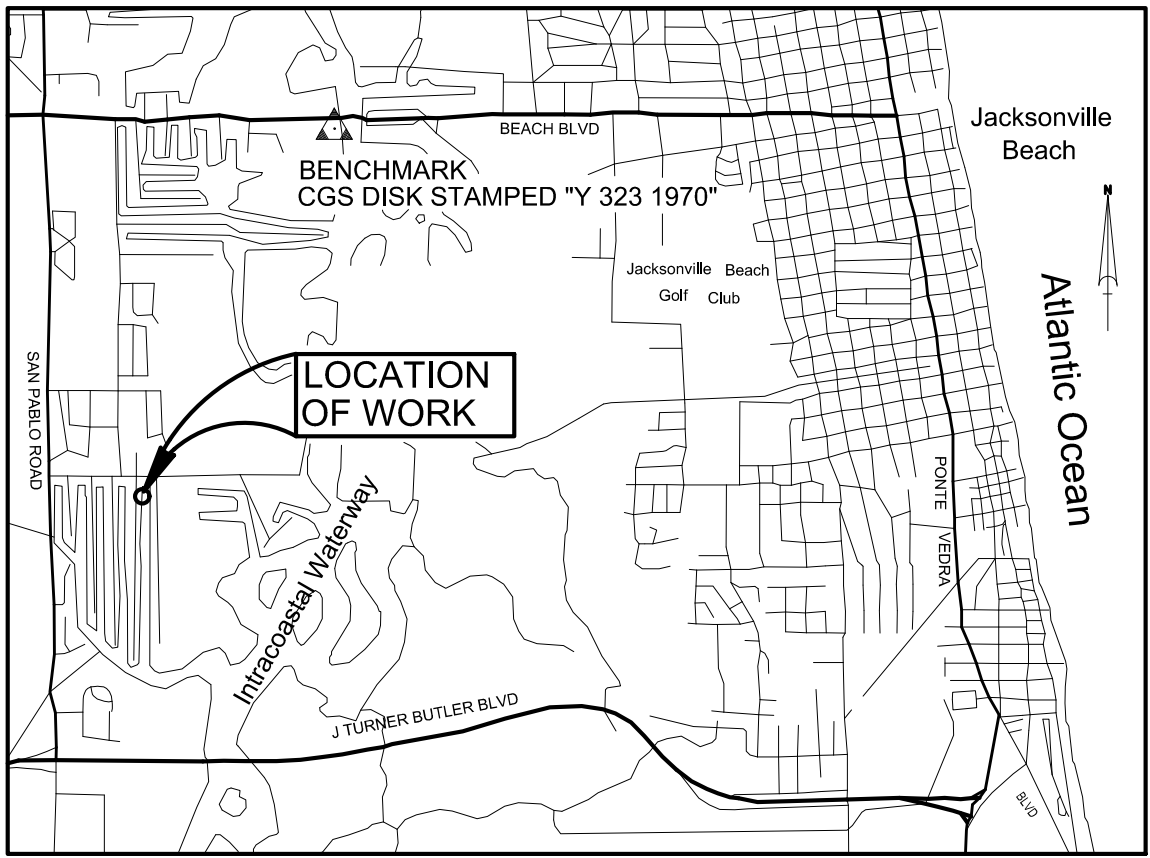
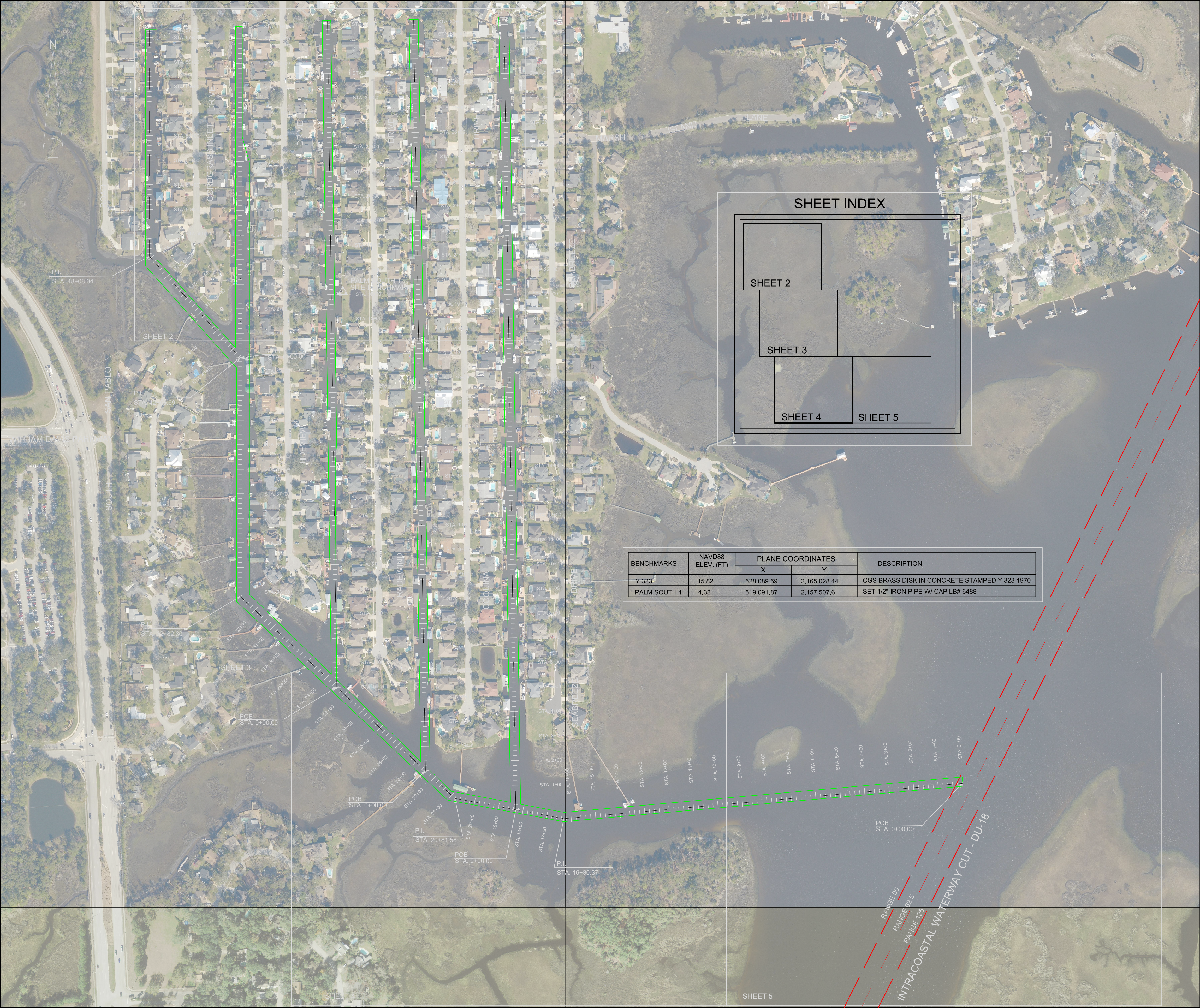
Prepared For:
Isle of Palms Special District
501 Riverside Avenue
Jacksonville, FL 32202

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



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: 21

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



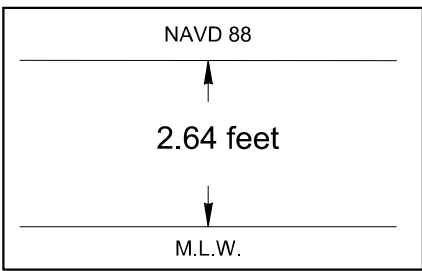
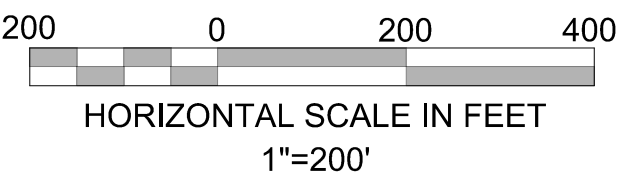
VICINITY MAP
NOT TO SCALE

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 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 | LOCATION |
|----------|-------------------|---------------|
| JON BOAT | MARCH 29, 30 2022 | BASELINES 1-6 |
- 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.

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NAVD 88 = NORTH AMERICAN
VERTICAL DATUM 1988
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Relationship between NAVD 88
and Mean Low Water

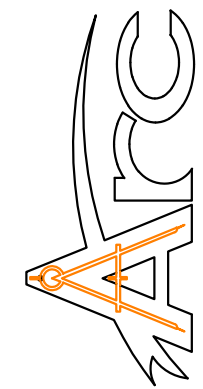
Richard J. Sawyer
Professional Surveyor and Mapper No. 6131
NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED
SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER

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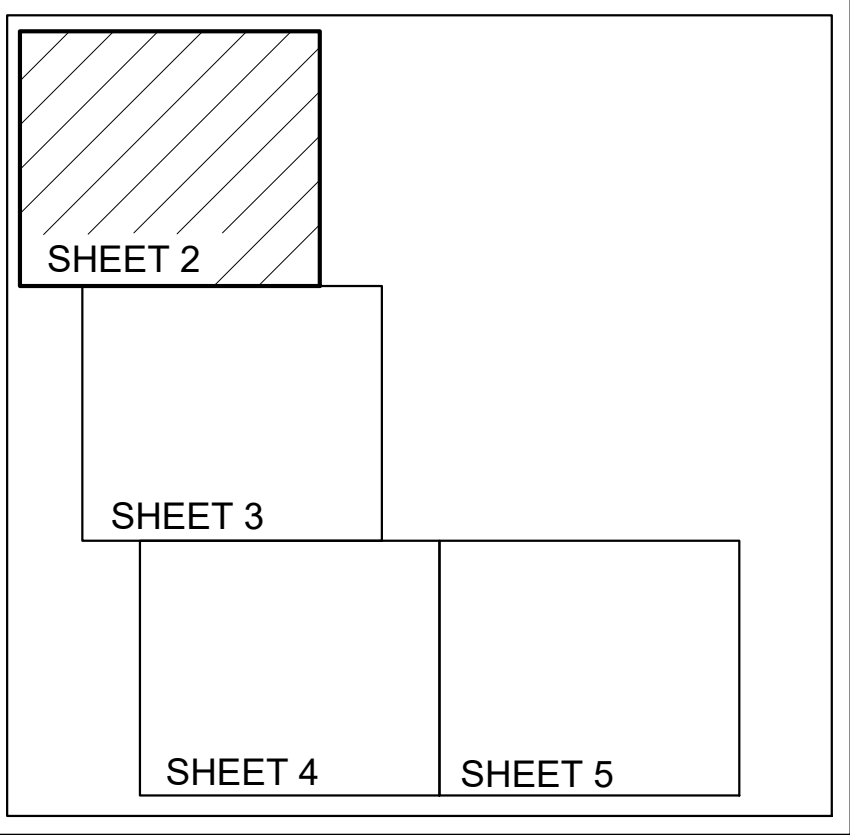
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MARK-UP OVER ARC SURVEY
PREPARED BY WOOD 6/10/2022



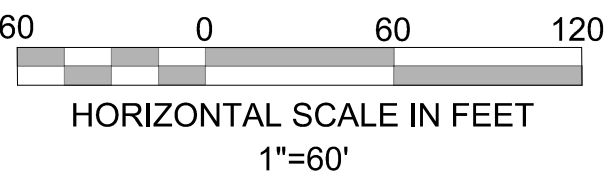
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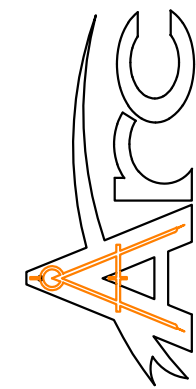


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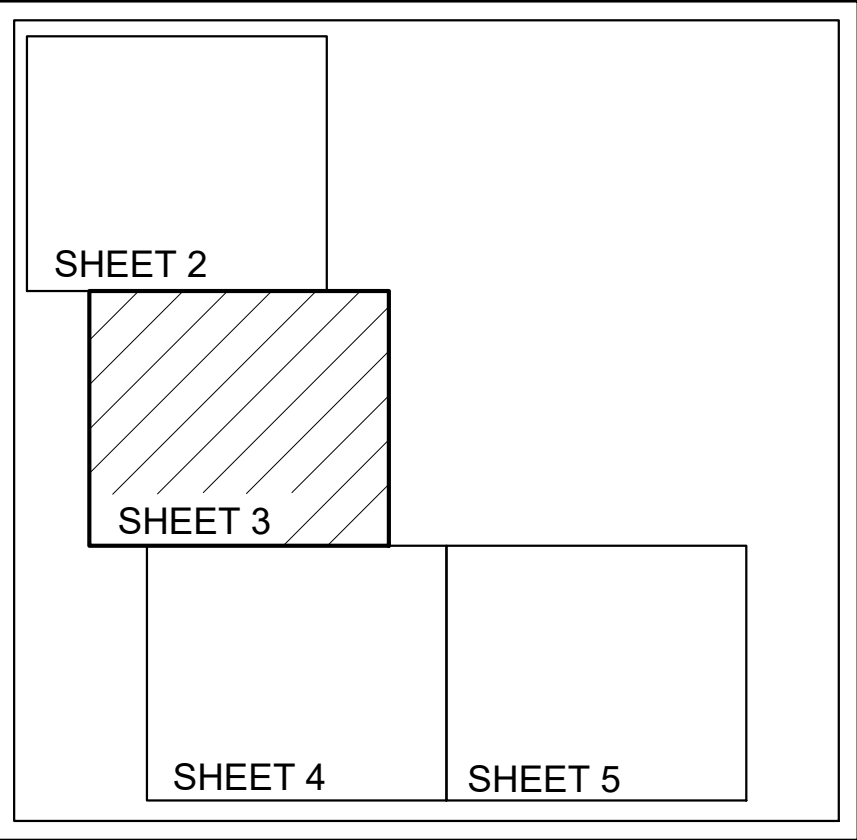
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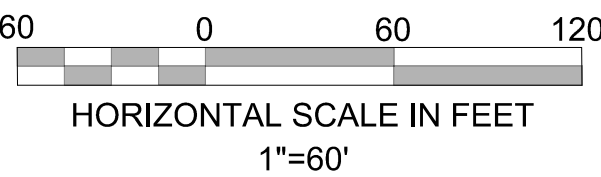
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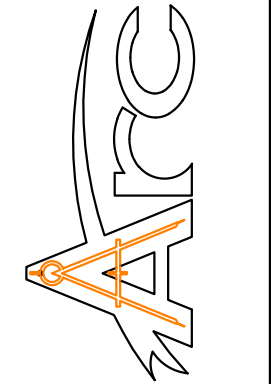
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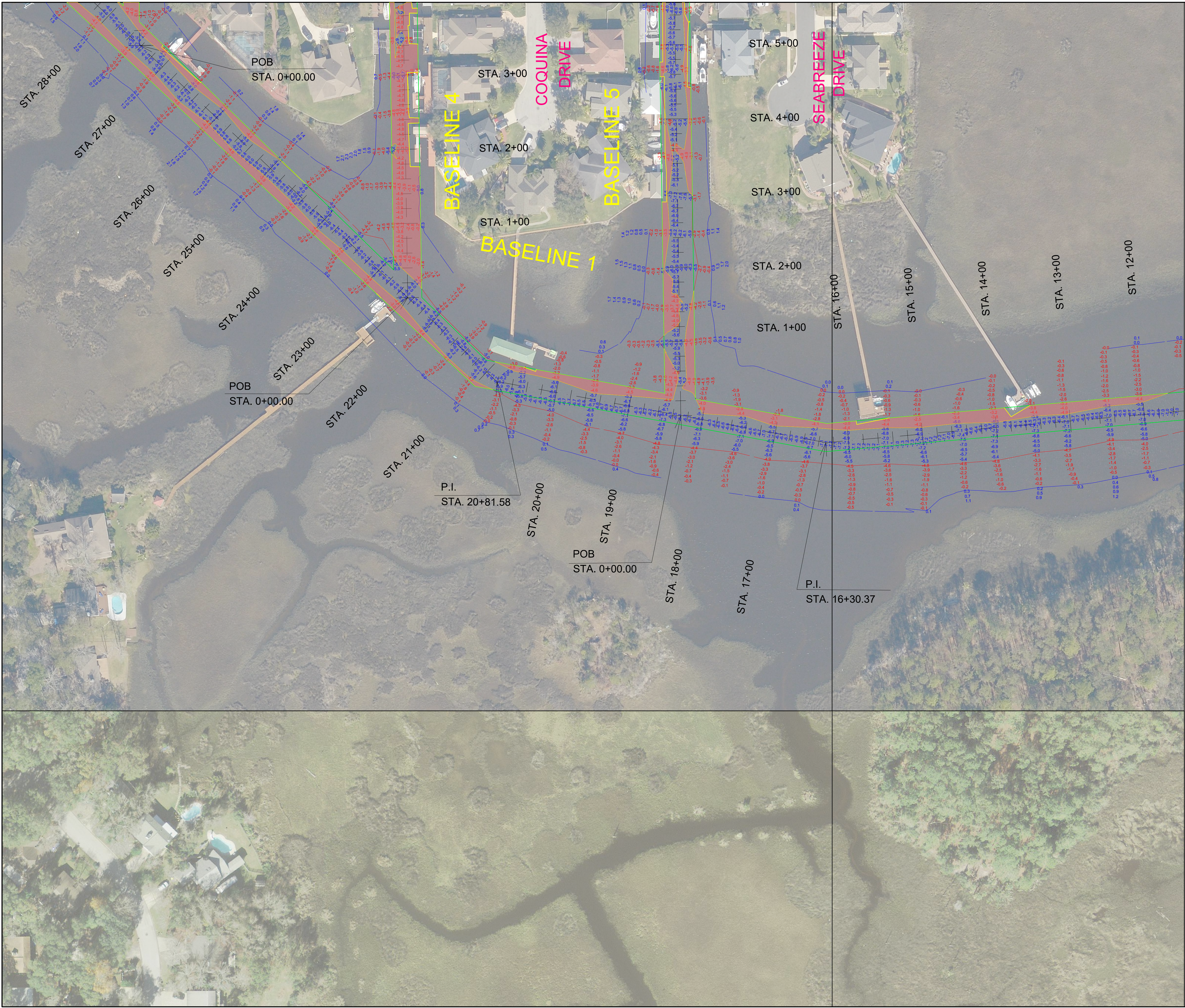
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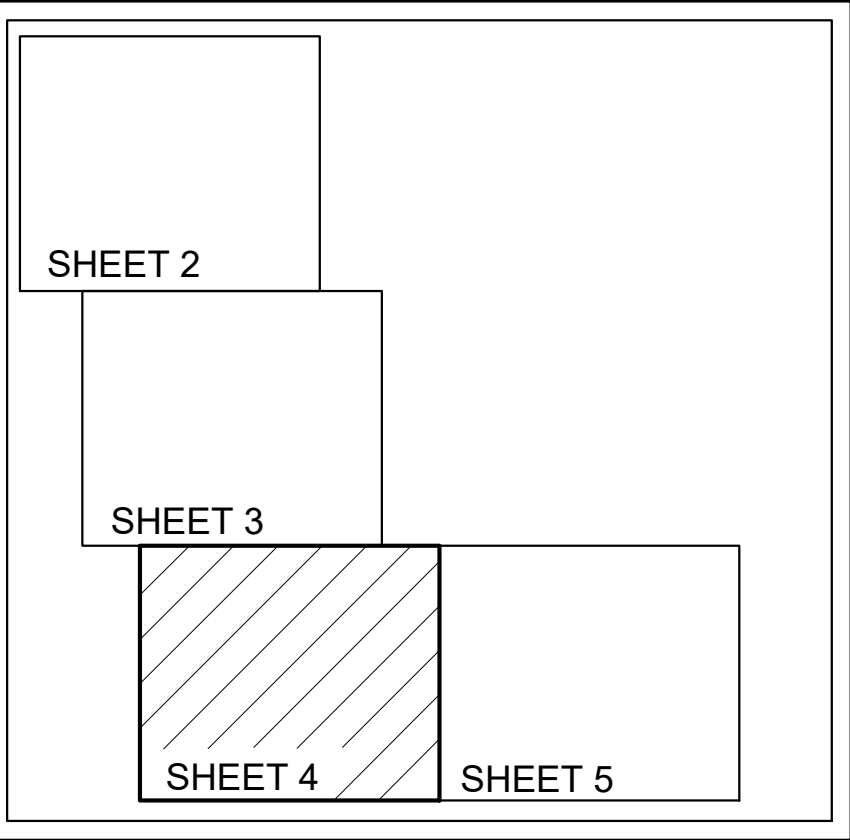
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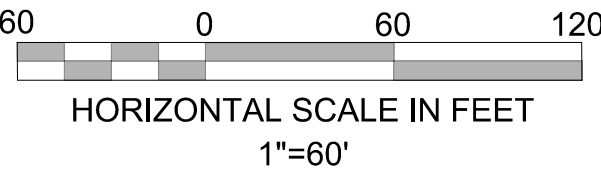
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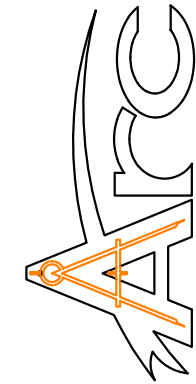


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