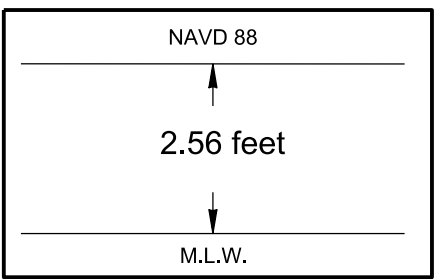


A MAP SHOWING A HYDROGRAPHIC SURVEY OF  
A PORTION OF ISLE OF PALMS NORTH CANAL SYSTEM  
LOCATED IN DUVAL COUNTY, FLORIDA



LEGEND/ABBREVIATIONS

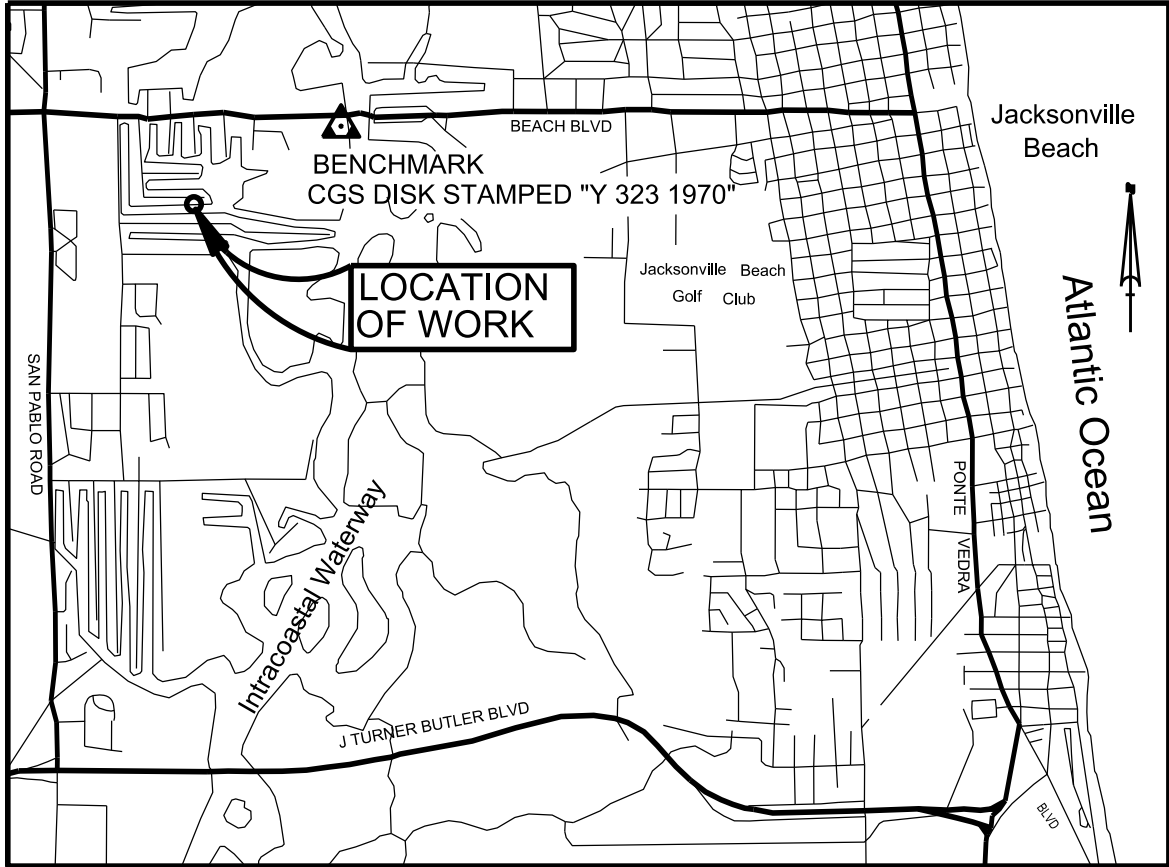
- = CHANNEL CENTERLINE  
—— = CHANNEL TOE
- MLW = MEAN LOW WATER  
NO. = NUMBER  
P.I. = POINT OF INTERSECTION  
POB = POINT OF BEGINNING  
STA. = STATION  
NAVD 88 = NORTH AMERICAN VERTICAL DATUM 1988  
ELEV. = ELEVATION  
CGS = COASTAL GEODETIC SURVEY



Relationship between NAVD 88  
and Mean Low Water

| BENCHMARKS   | NAVD88<br>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

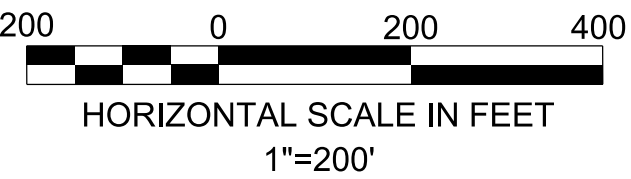
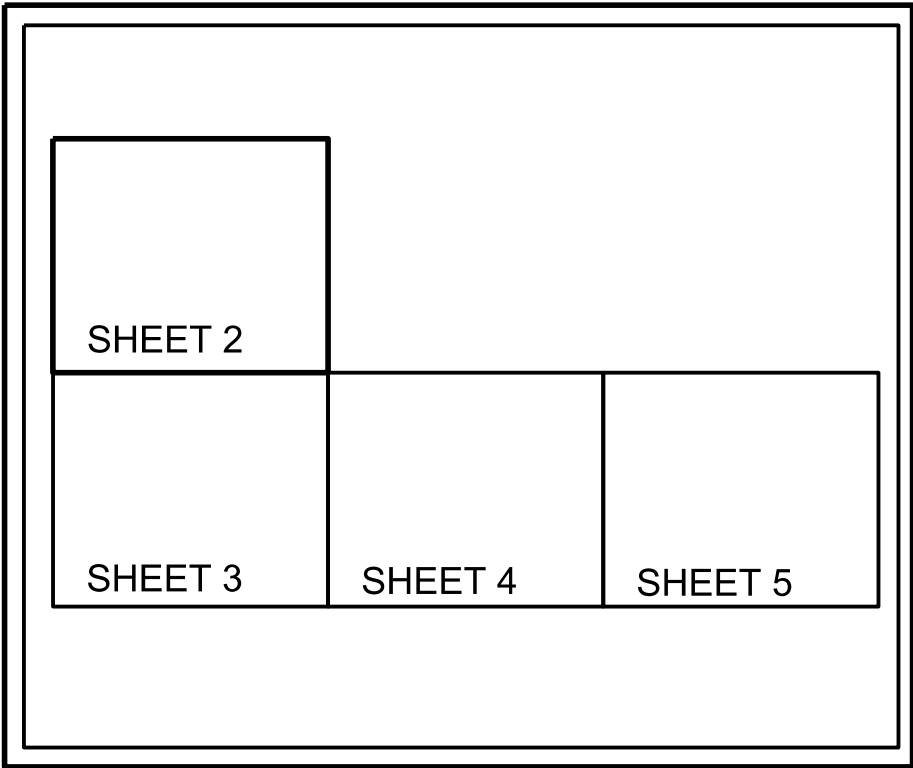


VICINITY MAP  
NOT TO SCALE

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 | JUNE 30, 2021  |
- 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, JUNE 30, 2021

SHEET INDEX



Project Title:

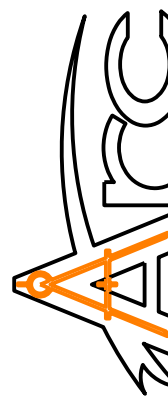
Isle of Palms North  
Hydrographic After-Dredge #3 Survey

Prepared For:

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

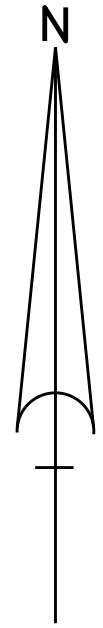
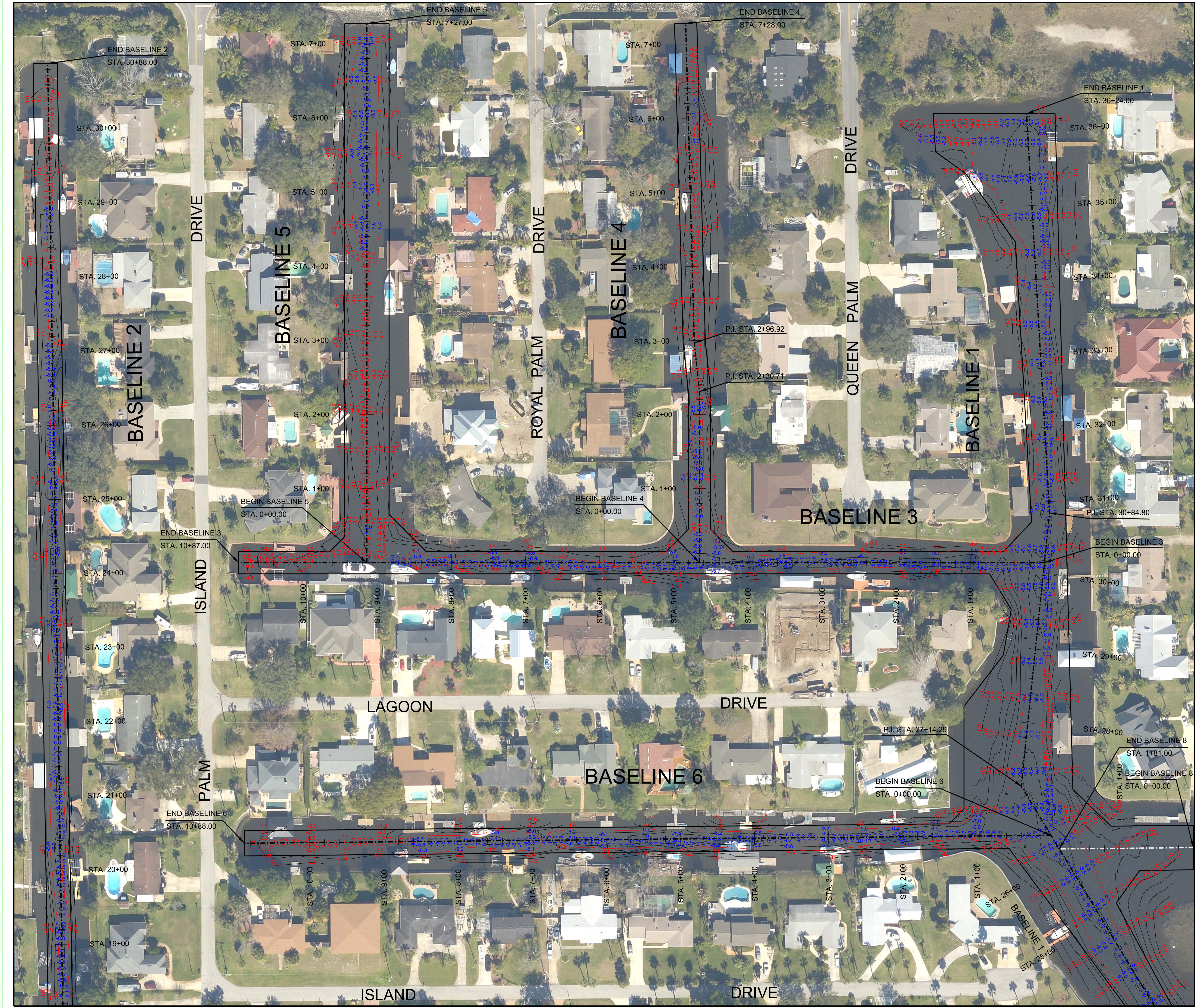
Arc Surveying & Mapping, Inc.

Professional Hydrographers • Surveyors • Mappers  
5202 San Juan Avenue  
Jacksonville, Florida 32210  
904-394-8377

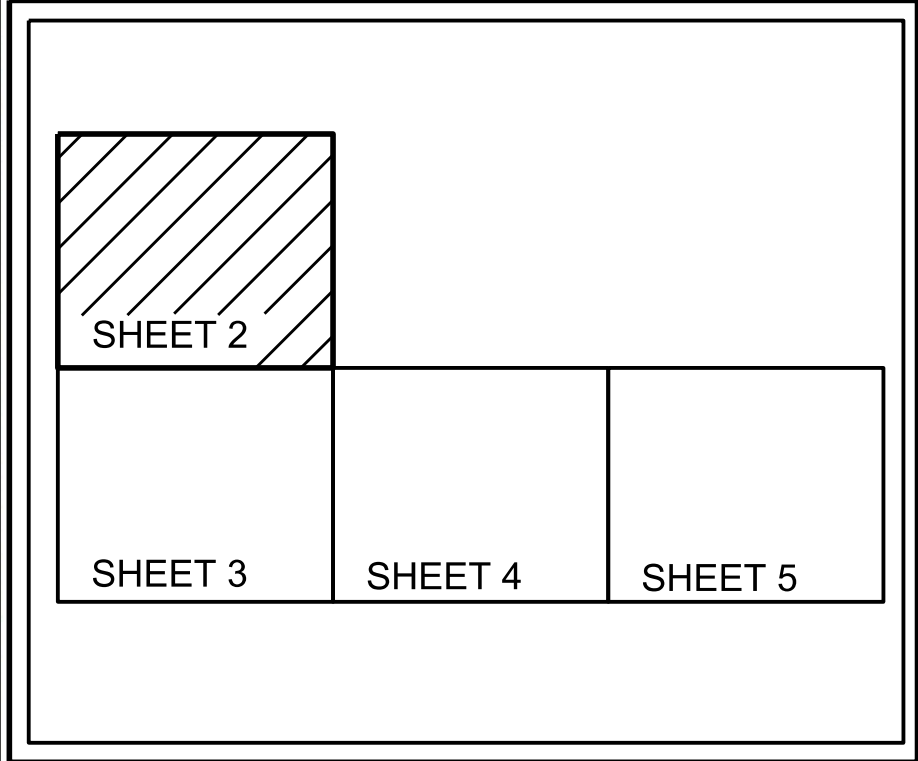


LB No. 6487  
Drawn By: D. Trabits  
Scale: see map  
Plot Date: 05/03/21  
File Name:  
Fld Bk / Pg:NA  
ARC Project No.:  
2020-0077 AD3  
SHEET: 1 OF: 18





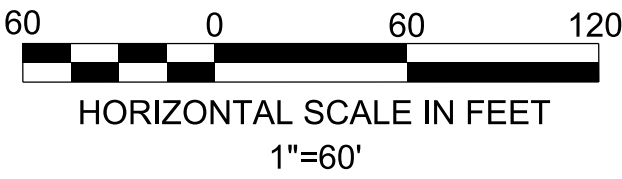
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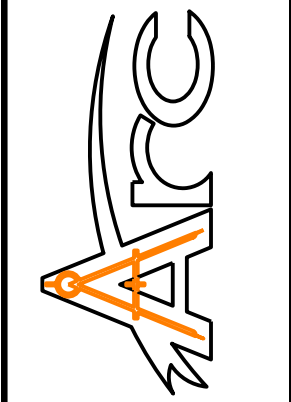


| DATE | BY | REVISION |
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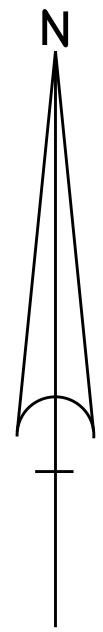
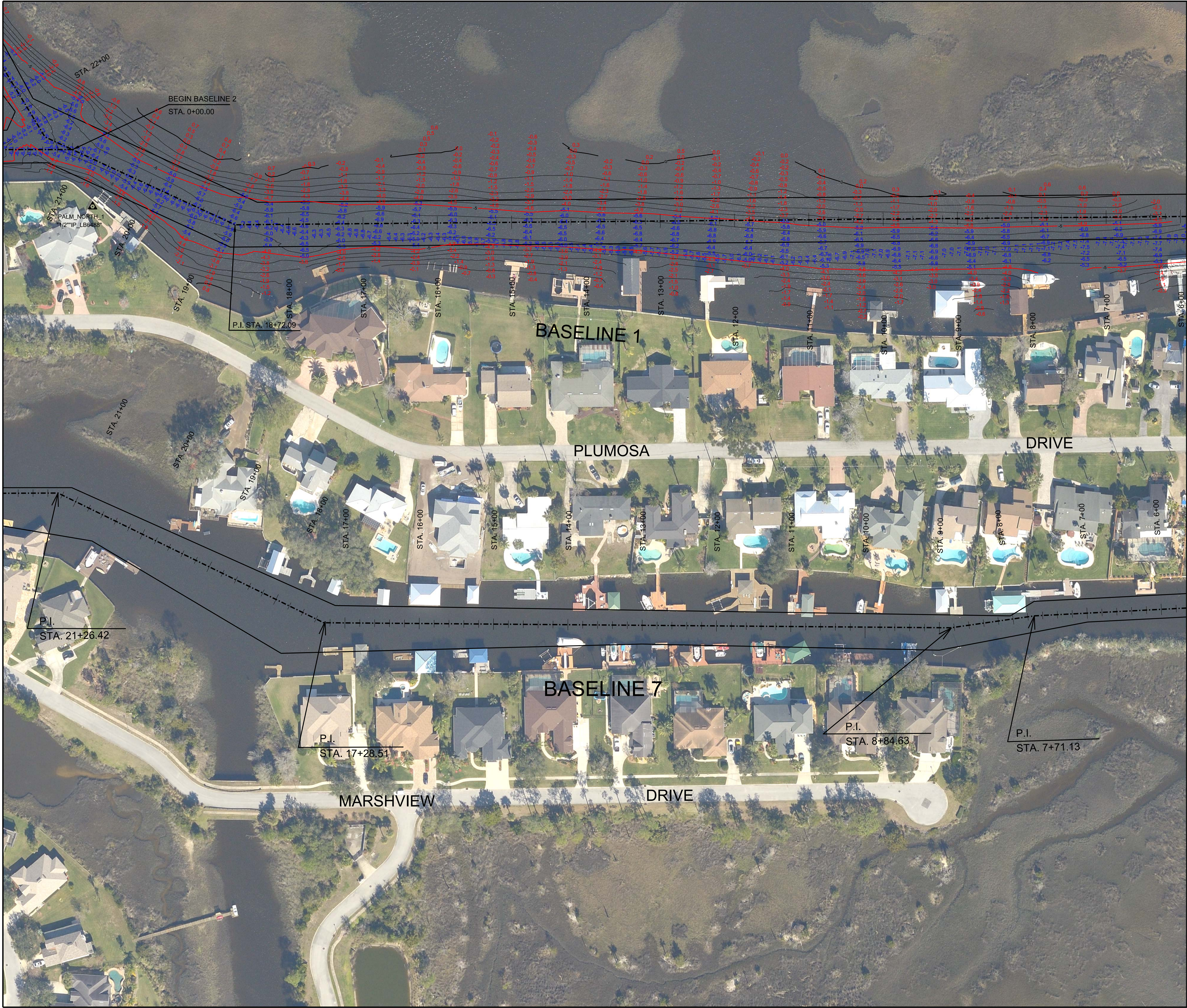


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SHEET: 2 OF: 18

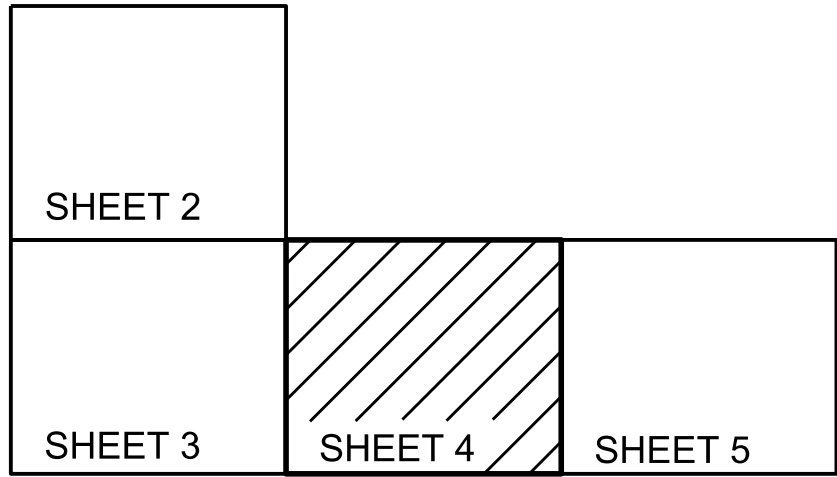








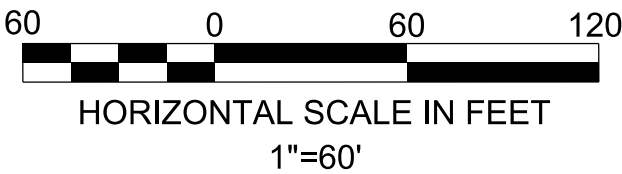
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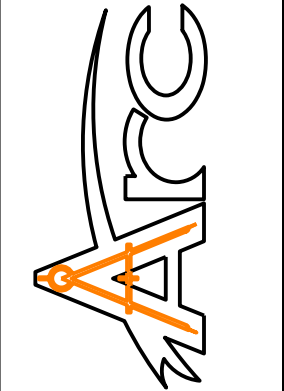


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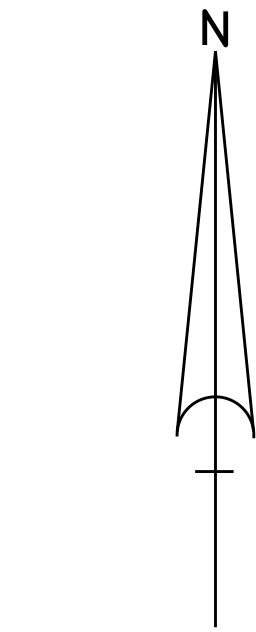
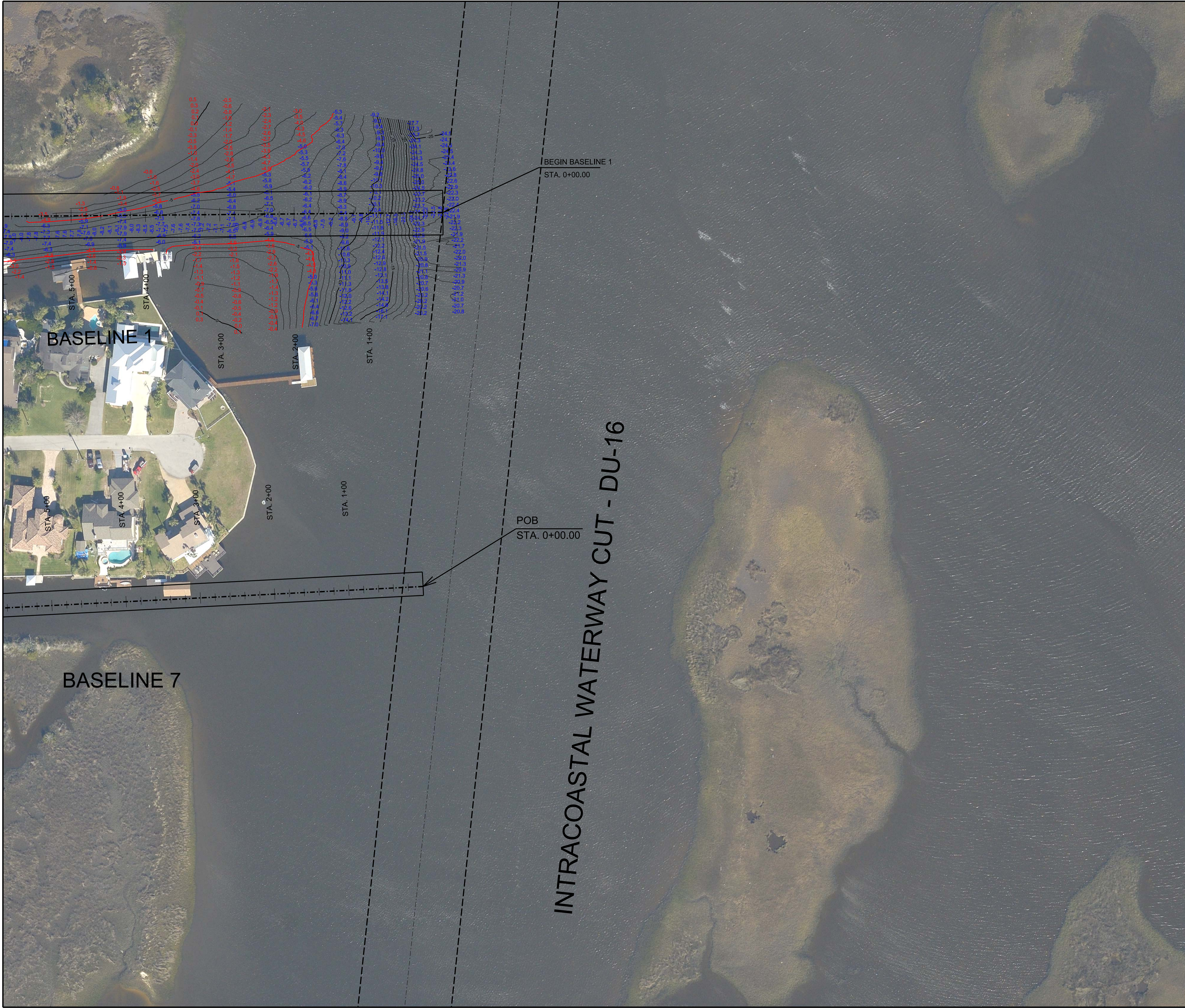
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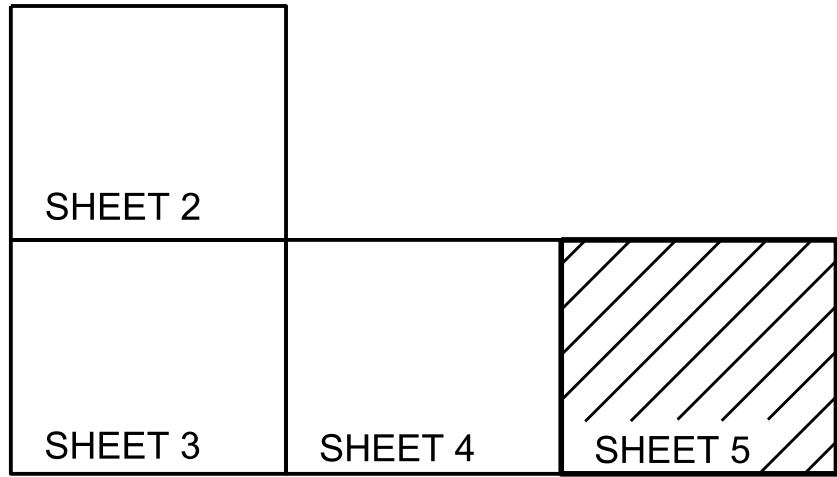


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SHEET: 4 OF: 18





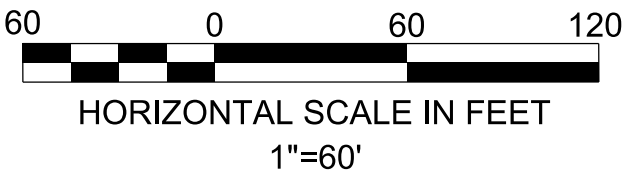
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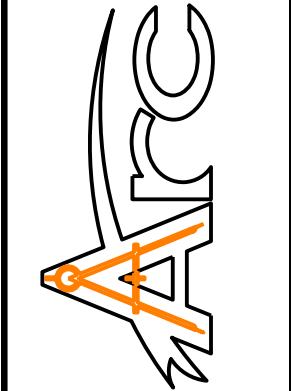


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