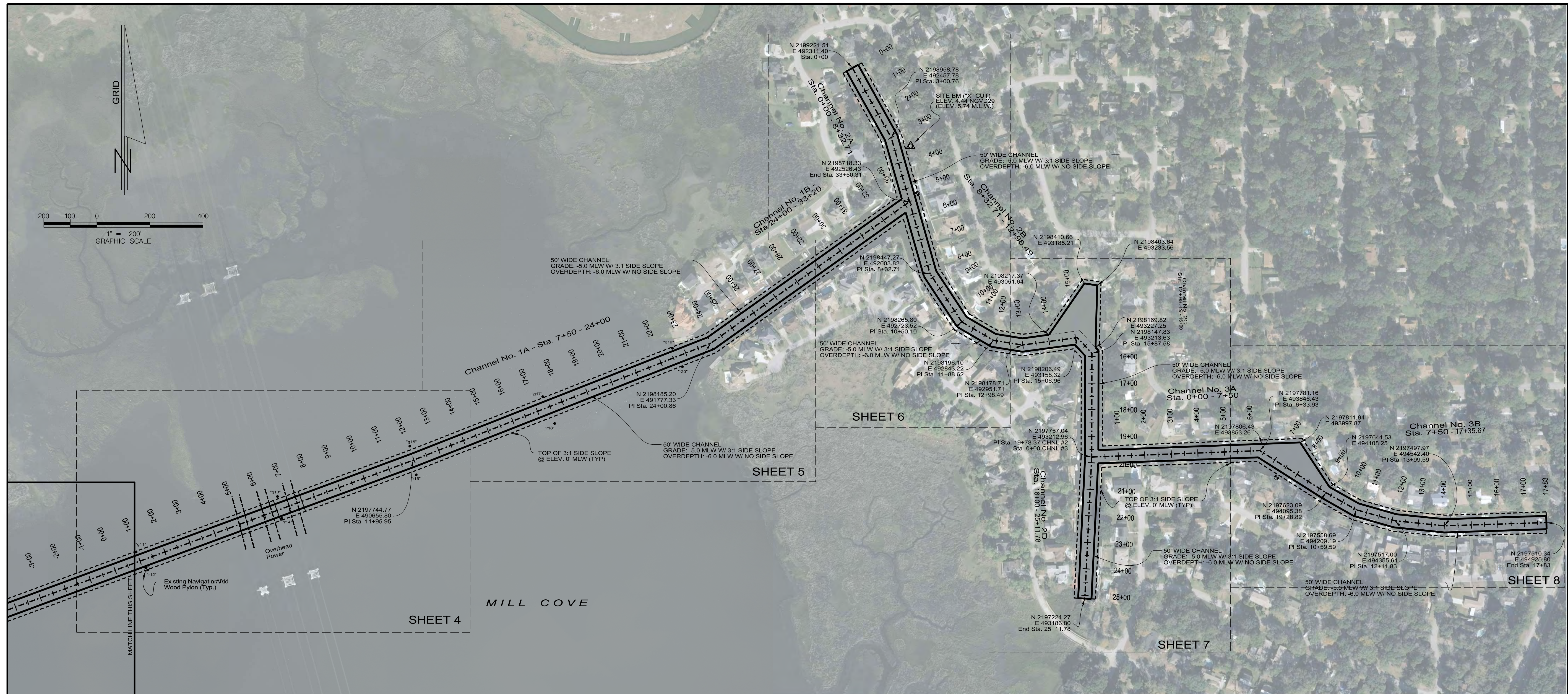
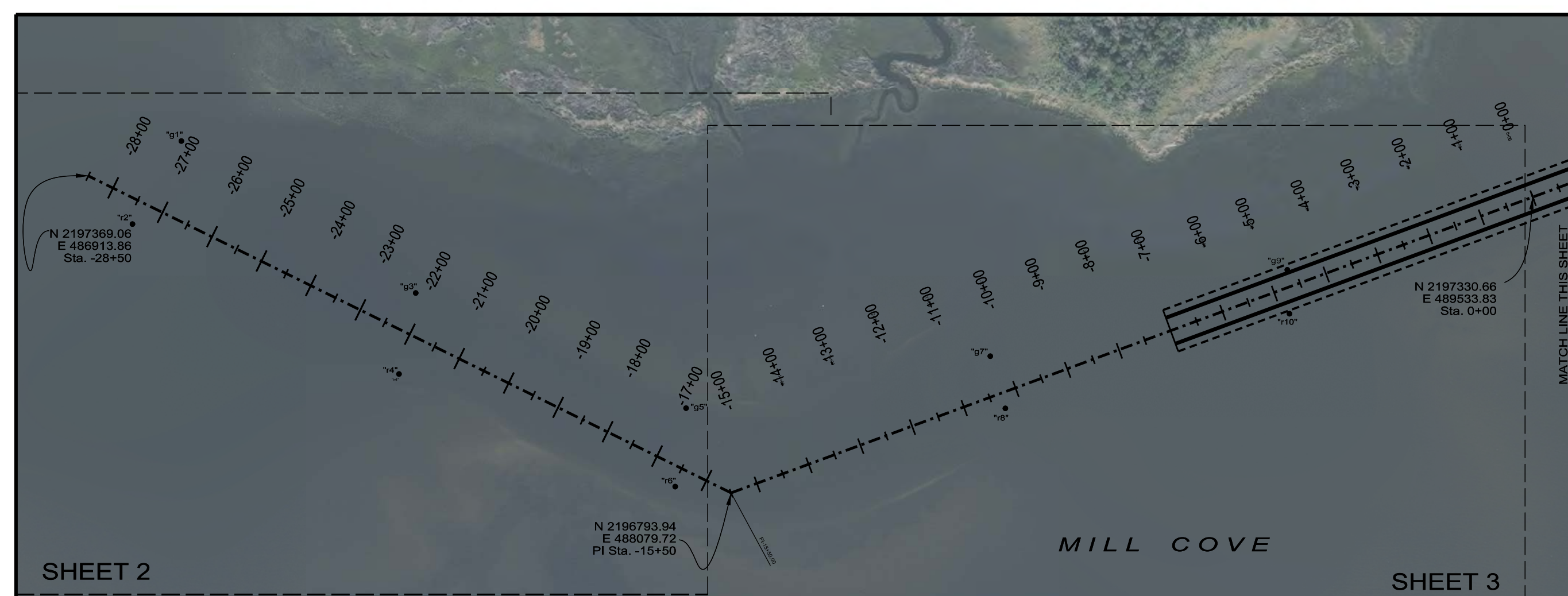


MAP SHOWING A HYDROGRAPHIC SURVEY OF A PORTION OF MILL COVE
AND MILL HARBOR CHANNELS 1, 2 AND 3
DUVAL COUNTY, FLORIDA



NAVAID TABULATION

NAVAID	EASTING	NORTHING
"g1"	487082.50	2197432.26
"z2"	486993.80	2197281.68
"g3"	487507.72	2197156.52
"z4"	487477.28	2197009.56
"g5"	487998.12	2196947.74
"z6"	487978.34	2196805.37
"g7"	488549.92	2197041.99
"z8"	488577.26	2196947.28
"g9"	489088.68	2197198.67
"z10"	489092.56	2197119.14
"g11"	489613.03	2197399.31
"z12"	489645.18	2197343.32
"g13"	490145.44	2197608.56
"z14"	490160.79	2197523.29
"g15"	490643.74	2197798.15
"z16"	490668.28	2197690.09
"g17"	491144.43	2197984.62
"z18"	491189.53	2197883.46
"g19"	491633.19	2198166.39
"z20"	491671.40	2198098.94



SURVEY NOTES:

- REFER TO SURVEY NO. 14-08-07.
- ELEVATIONS ARE IN FEET AND TENTHS AND REFER TO MEAN LOW WATER, WHICH IS 1.3 FEET BELOW NATIONAL GEODETIC VERTICAL DATUM OF 1929.
- SITE BM SET FROM FOUND "X" CUT AT THE INTERSECTION OF FORT CAROLINE AND MONUMENT ROAD HAVING AN ELEVATION OF 50.135 NGVD 1929.
- AIDS TO NAVIGATION WERE LOCATED DURING THIS SURVEY.
- ALL STATIONING IS BASED ON EXISTING CHANNEL CENTER LINE.
- THE INFORMATION DEPICTED ON THESE MAPS REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.
- THE INFORMATION DEPICTED ON THESE MAPS REPRESENTS THE RESULTS OF A SURVEY MADE ON AUG. 28, 2014.
- DREDGING LIMITS PROVIDED BY CLIENT - 5.0 MLW, 3 TO 1 RATIO SIDE SLOPES WITH 1.0 FOOT OF OVERDREDGE WITH NO SIDE SLOPES.
- PLANE COORDINATES ARE BASED ON THE TRANSVERSE MERCATOR PROJECTION FOR FLORIDA, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (NAD83).

LEGEND/ABBREVIATIONS

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M.L.W.	= MEAN LOW WATER
RGE.	= RGE.
•	= CHANNEL MARKER (WOOD PYLON)
⊕	= TIDE STAFF LOCATION

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

DATE	BY

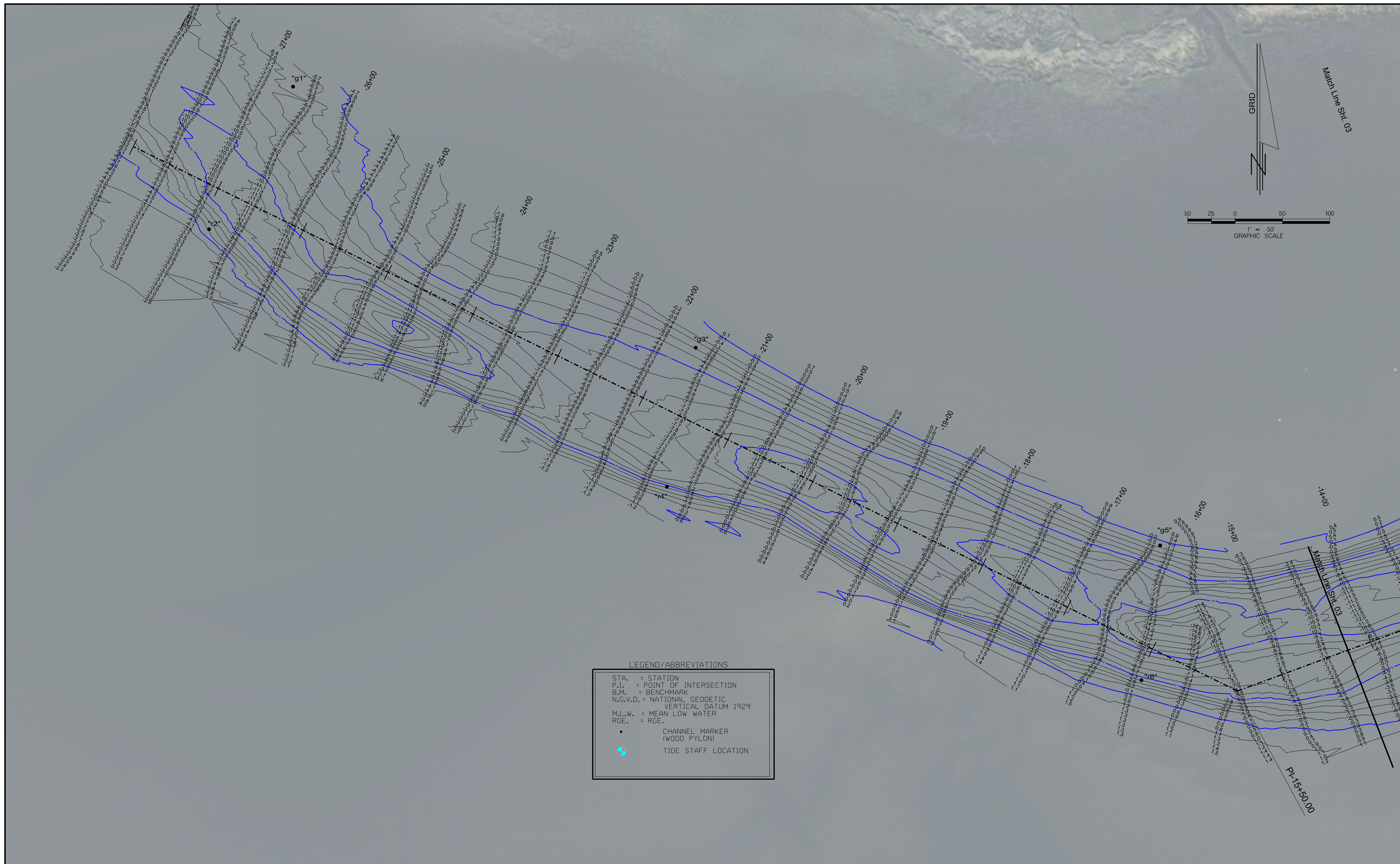
Project:
MILL HARBOR
AUGUST 28, 2014
HYDROGRAPHIC SURVEY

Prepared For:
HARBOR WATERWAY ASSOCIATION
JACKSONVILLE, FL

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

LB No. 6487
Drawn By: RJS
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Plot Date: 09/03/14
File Name: 140807_CVR
Fld Bk / Pg: 12-12, 1-9
ARC Project No.: 14-08-07
SHEET: 01 OF: 08

MAP SHOWING A HYDROGRAPHIC SURVEY OF A PORTION OF MILL COVE
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DUVAL COUNTY, FLORIDA



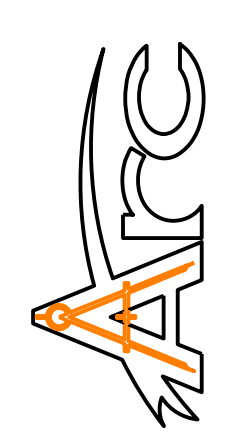
REFER TO SHEET NO. 1 FOR SURVEY NOTES

DATE	BY	REVISION

Project:
MILL HARBOR
AUG. 2014
HYDROGRAPHIC SURVEY

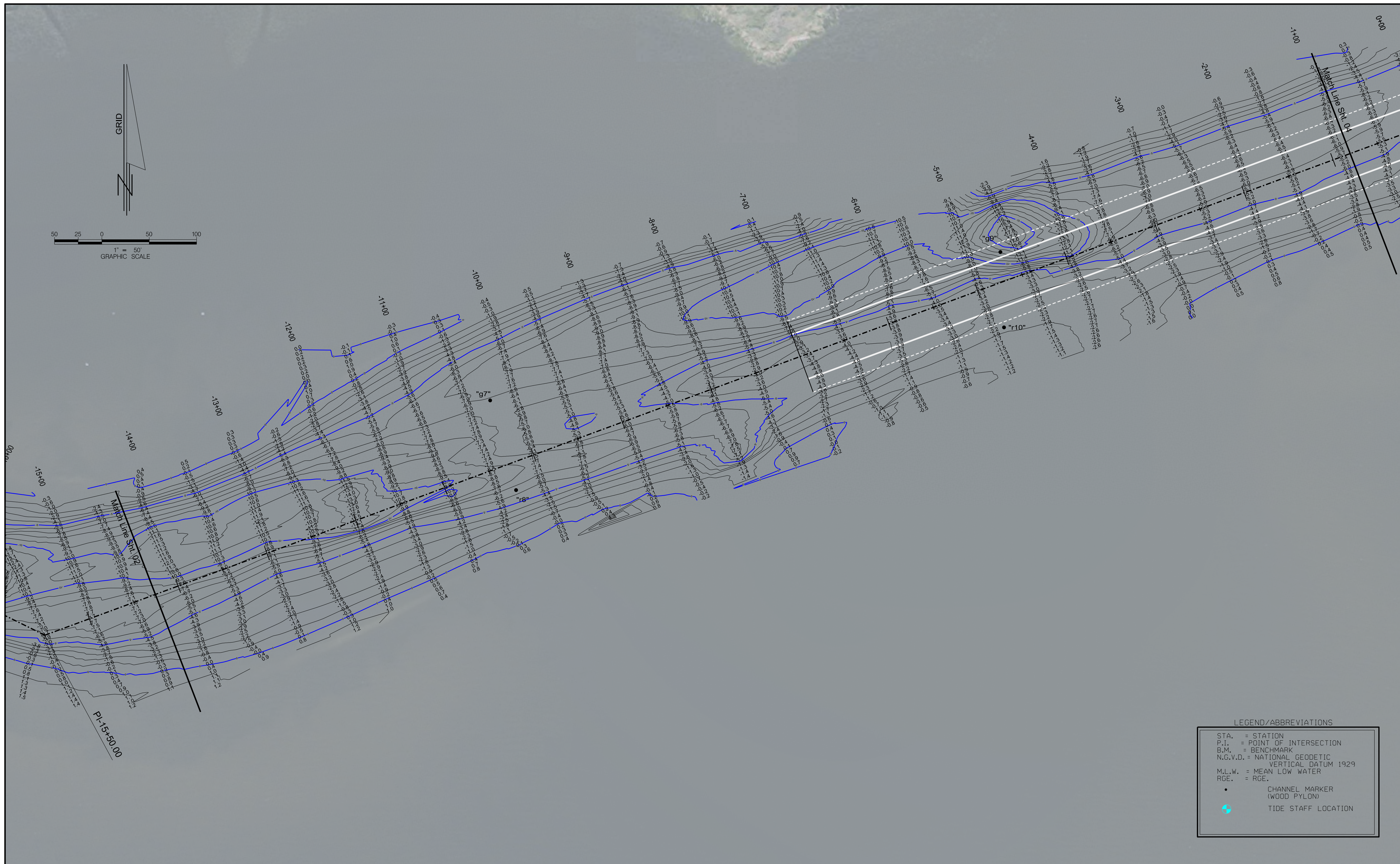
Prepared For:
Harbour Waterway Association
Jacksonville, FL

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




LB No. 6487
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Plot Date: 09/08/14
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Fld Bk / Pg:
ARC Project No.: 14-08-07
SHEET: 02 OF: 08

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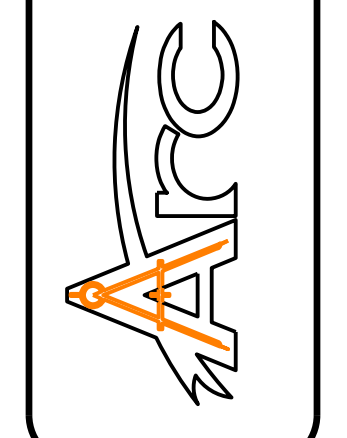
• CHANNEL MARKER (WOOD PYLON)
 TIDE STAFF LOCATION

DATE	BY	REVISION

Project:
MILL HARBOR
AUG. 2014
HYDROGRAPHIC SURVEY

Prepared For:
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Jacksonville, FL

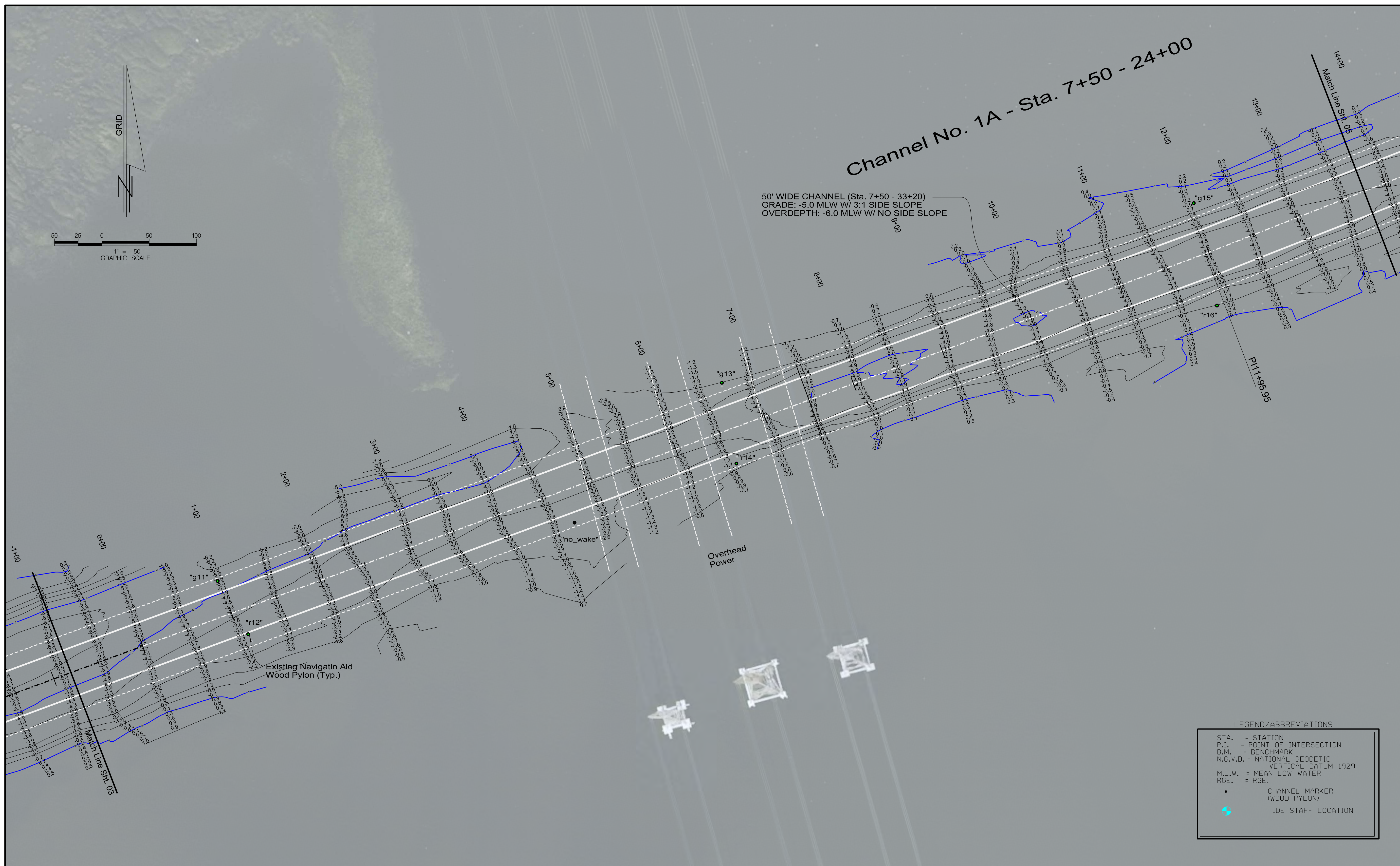
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LB No. 6487
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Scale: 1" = 50'
Plot Date: 09/08/14
File Name:
Fld Bk / Pg:
ARC Project No.:
14-08-07
SHEET: 03 OF: 08

REFER TO SHEET NO. 1 FOR SURVEY NOTES

MAP SHOWING A HYDROGRAPHIC SURVEY OF A PORTION OF MILL COVE
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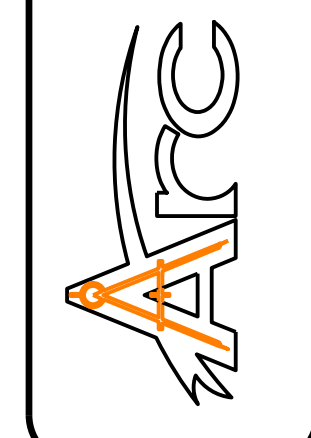
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DATE	BY	REVISION

Project:
MILL HARBOR
AUG 2014
HYDROGRAPHIC SURVEY

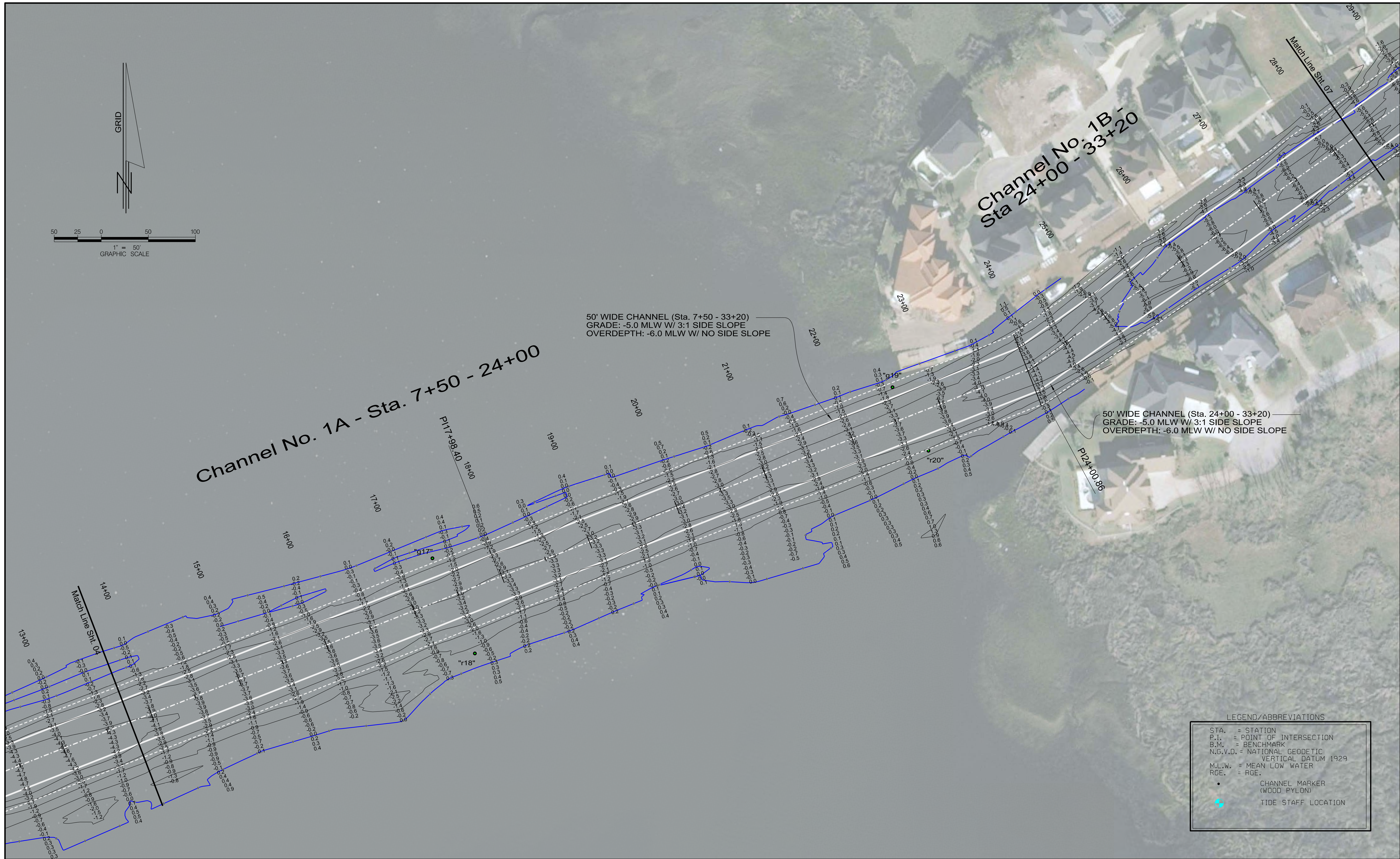
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LB No. 6487
Drawn By: RJS
Scale: 1" = 50'
Plot Date: 09/08/14
File Name:
Fld Bk / Pg:
ARC Project No.: 14-08-07
SHEET: 04 OF: 08

MAP SHOWING A HYDROGRAPHIC SURVEY OF A PORTION OF MILL COVE
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DUVAL COUNTY, FLORIDA



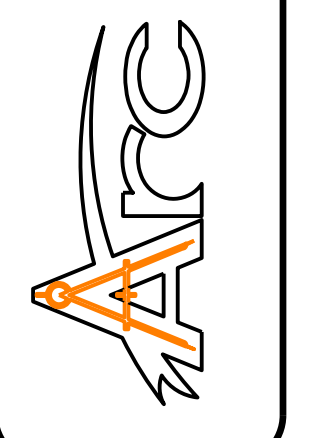
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Project:
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AUG. 2014
HYDROGRAPHIC SURVEY

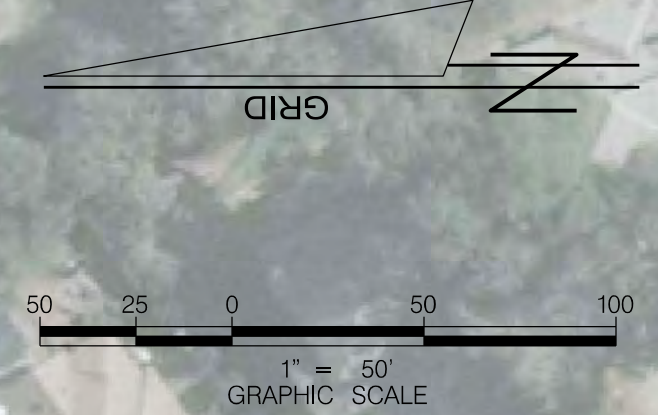
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Jacksonville, FL

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LB No. 6487
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Scale: 1" = 50'
Plot Date: 09/08/14
File Name: 100902_CVR
Fid Bk / Pg:
ARC Project No.: 14-08-07
SHEET: 05 OF: 08

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•	CHANNEL MARKER (WOOD PYLON)
⊕	TIDE STAFF LOCATION

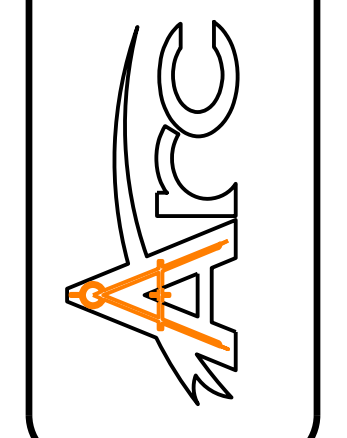
REFER TO SHEET NO. 1 FOR SURVEY NOTES

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Project:
MILL HARBOR
AUG. 2014
HYDROGRAPHIC SURVEY

Prepared For:
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LB No. 6487
Drawn By: RJS
Scale: 1" = 50'
Plot Date: 09/08/14
File Name:
Fid Bk / Pg:
ARC Project No.: 14-08-07
SHEET: 06 OF: 08

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• CHANNEL MARKER (WOOD PYLON)
 ◆ TIDE STAFF LOCATION

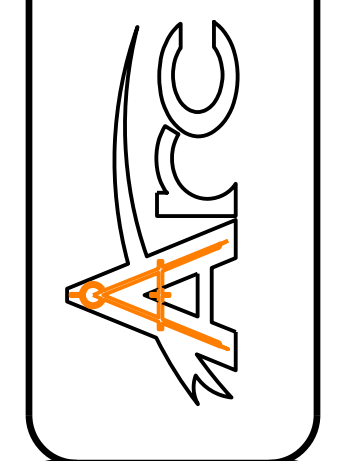
REFER TO SHEET NO. 1 FOR SURVEY NOTES

DATE	BY	REVISION

Project: MILL HARBOR
 AUG. 2014
 HYDROGRAPHIC SURVEY

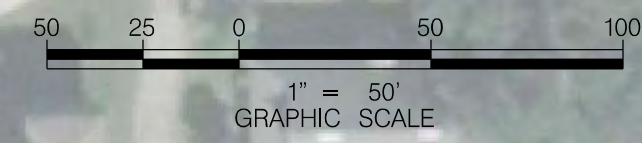
Prepared For: Harbour Waterway Association
 Jacksonville, FL

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Scale: 1" = 50'
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File Name:
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SHEET: 07 OF: 08

MAP SHOWING A HYDROGRAPHIC SURVEY OF A PORTION OF MILL COVE
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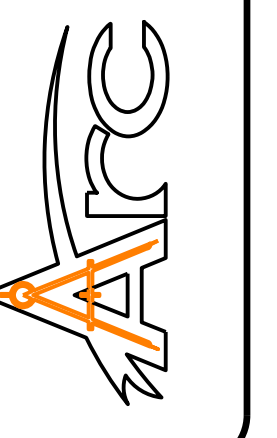


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