

**Board of County  
Commissioners**

1769 E. Moody Blvd Bldg 2  
Bunnell, FL 32110



[www.flaglercounty.org](http://www.flaglercounty.org)

Phone: (386)313-4001

Fax: (386)313-4101

January 27, 2020

Dear Parcel Owner:

Flagler County is preparing to construct beach sand replenishment along the segments of the Flagler County Florida Dune/Beach Restoration Project in the December 2020 to June 2021 timeframe. This sand placement will be the construction of the shore protection project that will slightly widen and subsequently maintain the existing beach and dune conditions along approximately 2.5 miles of shoreline between North 18<sup>th</sup> Street and South 6<sup>th</sup> Street, between South 28<sup>th</sup> Street and Gamble Rogers State Recreation Area, and between Gamble Rogers State Recreation Area and the Volusia County line in Flagler Beach. Construction of the project requires the establishment of an Erosion Control Line (ECL) along the length of the project. Attached to this letter is an official notification to you regarding a February 13, 2020, Public Workshop and Public Hearing regarding the proposed ECL.

State Law (Chapter 161.141, Florida Statutes) requires the establishment of an Erosion Control Line (ECL) prior to construction of a beach nourishment project that will place sand on submerged state lands (that is, seaward of the Mean High Water Line (MHWL)) – such as in the upcoming Flagler County Dune/Beach Restoration project. The ECL is recognized in Florida as the fixed boundary between upland property and submerged state owned lands. The area landward of the ECL remains the property of the upland owner, irrespective of future beach erosion or accretion. Sand that is placed or accretes seaward of the ECL (where state owned submerged land existed before the project) is considered state owned lands. The location of the ECL is established at or about the Mean High Water Line prior to the project's initial construction; in this instance, as surveyed in July 2019. In short, the ECL establishes (fixes) the boundary between upland ownership and state submerged lands, at the pre-project mean high water line, which otherwise varies (widens or narrows) from day to day, and year to year, along the shoreline.

The enclosed drawings illustrate the overall location of the proposed new ECL along the Flagler County Dune/Beach Restoration project shoreline. The proposed ECL is legally described in the attached "Notice of Public Workshop & Hearing". The attached "Erosion Control Line and Mean High Water Fact Sheet" further describes the ECL.

You are invited to attend the **Public Workshop and Public Hearing on February 13, 2020, which will begin at 6:00 pm and end at 7:30 pm, at the Government Services Complex, 1769 E. Moody Boulevard, Building 2, Board Chambers, Bunnell, FL 32110, Flagler County, regarding the adoption of the ECL,**

Charles Ericksen, Jr.  
District 1

Greg Hansen  
District 2

David Sullivan  
District 3

Joe Mullins  
District 4

Donald O'Brien Jr.  
District 5

**per the attached Agenda. The workshop (commencing at 6:00 pm) will be immediately followed by the Public Hearing.** Staff from the Florida Dept. of Environmental Protection, Flagler County, and Olsen Associates, Inc., will be present to explain the ECL, address your questions, and take public comments. Maps of the ECL location along the entire three (3) segments of shoreline will be available at the workshop and Public Hearing.

This letter and Notice is being sent to all oceanfront property owners along, and within 1000 feet north, south and west, of the proposed segments of the ECL. Because of the number of people receiving notice, the workshop/hearing is being held at the Government Services Building in Bunnell.

If you have any questions regarding the ECL, please contact:  
Florida Department of Environmental Protection  
Division of Water Resource Management  
c/o: William "Guy" Weeks  
Planning Manager  
Beaches, Inlets and Ports Program  
2600 Blair Stone Road, Mail Station 3544  
Tallahassee, Florida 32399-2400  
[William.Weeks@FloridaDEP.gov](mailto:William.Weeks@FloridaDEP.gov)  
(850) 245-7696

If you have questions regarding Flagler County's Dune/Beach Restoration project, please contact Richard Gordon, P.E., the County's Assistant Engineer assigned to the project at (386) 313-4006 or via email at [rgordon@flaglercounty.org](mailto:rgordon@flaglercounty.org).

Sincerely,



Faith Alkhatib, P.E., Public Works Director and County Engineer  
1769 E. Moody Blvd., Bldg. 2  
Bunnell, FL 32110

Attachments:

Maps depicting location of proposed ECL between N.18<sup>th</sup> Street and S. 6<sup>th</sup> Street; S.28<sup>th</sup> Street and Gamble Rogers State Recreation Area; and Gamble Rogers State Recreation Area and the Volusia County line, Flagler Beach  
Notice of Public Workshop & Hearing  
Erosion Control Line and Mean High Water fact sheet  
Public Workshop & Hearing agenda

# FLAGLER R068.9 TO R079.8 EROSION CONTROL LINE

LENGTH: 2.8 MILE +/-

SECTIONS 36, TOWNSHIP 11 SOUTH, RANGE 31 EAST  
ALONG WITH SECTION 12 AND 1, TOWNSHIP 12 SOUTH, RANGE 31 EAST  
LEGAL DESCRIPTION OF MEAN HIGH WATER LINE AND PROPOSED EROSION CONTROL LINE

COMMENCING AT COAST AND GEODETIC SURVEY DISK IN CONCRETE STAMPED "T 320 1970", HAVING COORDINATES OF NORTHING 1878592.16 FEET AND EASTING 612453.02 FEET AS REFERENCED TO THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983, 1990 ADJUSTMENT, PROCEED ALONG A BEARING OF NORTH 13°22'19" WEST, A DISTANCE OF 1113.35 FEET TO THE MEAN HIGH WATER LINE OF THE ATLANTIC OCEAN, HAVING AN ELEVATION OF 1.41 FEET AS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988, SAID POINT BEING THE POINT OF BEGINNING OF THE FOLLOWING DESCRIBED MEAN HIGH WATER LINE, AND HAVING COORDINATES OF NORTH 1879675.33 FEET AND EASTING OF 612195.53 FEET; THENCE SOUTH 23°54'43" EAST, A DISTANCE OF 122.83 FEET; THENCE SOUTH 23°40'20" EAST, A DISTANCE OF 194.54 FEET; THENCE SOUTH 24°25'39" EAST, A DISTANCE OF 214.57 FEET; THENCE SOUTH 22°58'07" EAST, A DISTANCE OF 201.66 FEET; THENCE SOUTH 22°32'37" EAST, A DISTANCE OF 202.49 FEET; THENCE SOUTH 21°42'29" EAST, A DISTANCE OF 201.25 FEET, SAID POINT BEING A DISTANCE OF 193.61 FEET FROM A COAST AND GEODETIC SURVEY DISK IN CONCRETE STAMPED "T 320 1970" ALONG A BEARING OF SOUTH 78°46'42" WEST; THENCE SOUTH 24°02'43" EAST, A DISTANCE OF 212.40 FEET; THENCE SOUTH 24°07'07" EAST, A DISTANCE OF 204.04 FEET; THENCE SOUTH 24°21'35" EAST, A DISTANCE OF 195.46 FEET; THENCE SOUTH 22°32'57" EAST, A DISTANCE OF 200.20 FEET; THENCE SOUTH 23°16'15" EAST, A DISTANCE OF 197.56 FEET; THENCE SOUTH 22°09'38" EAST, A DISTANCE OF 202.45 FEET, SAID POINT BEING A DISTANCE OF 143.50 FEET FROM A FLORIDA DEPARTMENT OF TRANSPORTATION DISK IN CONCRETE STAMPED "73 77 A10" ALONG A BEARING OF NORTH 86°53'36" WEST; THENCE SOUTH 25°39'58" EAST, A DISTANCE OF 201.60 FEET; THENCE SOUTH 23°03'53" EAST, A DISTANCE OF 194.90 FEET; THENCE SOUTH 22°44'46" EAST, A DISTANCE OF 199.79 FEET; THENCE SOUTH 23°53'28" EAST, A DISTANCE OF 224.00 FEET; THENCE SOUTH 23°14'18" EAST, A DISTANCE OF 206.87 FEET; THENCE SOUTH 23°29'50" EAST, A DISTANCE OF 194.28 FEET; THENCE SOUTH 22°06'38" EAST, A DISTANCE OF 209.80 FEET; THENCE SOUTH 23°57'49" EAST, A DISTANCE OF 201.94 FEET; THENCE SOUTH 23°28'38" EAST, A DISTANCE OF 202.99 FEET; THENCE SOUTH 23°47'01" EAST, A DISTANCE OF 207.95 FEET; THENCE SOUTH 23°24'15" EAST, A DISTANCE OF 194.30 FEET; THENCE SOUTH 22°51'51" EAST, A DISTANCE OF 205.63 FEET; THENCE SOUTH 23°27'04" EAST, A DISTANCE OF 190.13 FEET; THENCE SOUTH 21°42'10" EAST, A DISTANCE OF 199.34 FEET; THENCE SOUTH 21°33'16" EAST, A DISTANCE OF 209.02 FEET; THENCE SOUTH 22°33'38" EAST, A DISTANCE OF 201.25 FEET; THENCE SOUTH 23°42'24" EAST, A DISTANCE OF 196.37 FEET, SAID POINT BEING A DISTANCE OF 164.19 FEET FROM A FLORIDA DEPARTMENT OF NATURAL RESOURCES DISK IN CONCRETE STAMPED "R-75 FLAG 72" ALONG A BEARING OF SOUTH 46°27'16" WEST; THENCE SOUTH 24°51'18" EAST, A DISTANCE OF 204.73 FEET; THENCE SOUTH 23°36'03" EAST, A DISTANCE OF 208.30 FEET; THENCE SOUTH 22°16'48" EAST, A DISTANCE OF 202.10 FEET; THENCE SOUTH 23°12'25" EAST, A DISTANCE OF 215.29 FEET; THENCE SOUTH 23°20'19" EAST, A DISTANCE OF 201.72 FEET; THENCE SOUTH 23°40'15" EAST, A DISTANCE OF 190.09 FEET; THENCE SOUTH 23°08'30" EAST, A DISTANCE OF 205.93 FEET; THENCE SOUTH 24°31'07" EAST, A DISTANCE OF 208.34 FEET; THENCE SOUTH 24°46'00" EAST, A DISTANCE OF 194.39 FEET; THENCE SOUTH 20°53'20" EAST, A DISTANCE OF 196.33 FEET; THENCE SOUTH 20°25'41" EAST, A DISTANCE OF 198.65 FEET; THENCE SOUTH 23°16'08" EAST, A DISTANCE OF 210.86 FEET; THENCE SOUTH 22°52'17" EAST, A DISTANCE OF 200.76 FEET; THENCE SOUTH 18°27'16" EAST, A DISTANCE OF 205.41 FEET; THENCE SOUTH 20°13'01" EAST, A DISTANCE OF 179.09 FEET SAID POINT BEING 1322.49 FEET FROM A FLORIDA DEPARTMENT OF TRANSPORTATION DISK IN CONCRETE STAMPED "73 77 A08 RM NO2" ON A BEARING OF NORTH 28°45'40" WEST AND THE POINT OF TERMINATION; MEAN HIGH WATER LINE AS DESCRIBED HAVING A TOTAL LENGTH OF 10,496.76 FEET MORE OR LESS.

## APPROVALS

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

KNOW ALL PERSONS BY THESE PRESENTS: THAT THE CHIEF OF THE BUREAU OF SURVEY AND MAPPING OF THE DIVISION OF LANDS, DEPARTMENT OF ENVIRONMENTAL PROTECTION OF THE STATE OF FLORIDA HEREBY APPROVES THIS PLAT.

DATED AT \_\_\_\_\_ THIS \_\_\_\_ DAY OF \_\_\_\_\_, 2019.

W. LAMAR EVERS  
BUREAU OF SURVEY AND MAPPING

## CERTIFICATE OF ACCEPTANCE AND RECORDING OF COUNTY CLERK

ACCEPTED FOR FILES AND RECORDING IN THE PUBLIC RECORDS OF FLAGLER COUNTY, FLORIDA, THE \_\_\_\_\_ DAY OF \_\_\_\_\_, 2019 IN PLAT BOOK \_\_\_\_\_ PAGES \_\_\_\_\_ PURSUANT TO THE PROVISIONS OF CHAPTER 161.181 FLORIDA STATUTES.

CLERK OF THE COURT

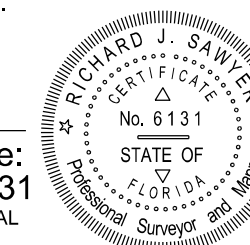
## NOTES:

- THE BEARINGS AND COORDINATES SHOWN HEREON ARE BASED ON THE FLORIDA STATE PLANE SYSTEM, EAST ZONE (0901), RELATIVE TO THE NA83/90 ADJUSTMENT, US SURVEY FOOT.
- THE ELEVATIONS SHOWN HEREON ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AND ARE BASED ON FOUND DEP CONTROL MONUMENTATION. FOUND DEP CONTROL MONUMENTATION DEPICTED IN CONTROL TABULATION.
- THE MEAN HIGH WATER LINE WAS FIELD SURVEYED ON 11 JULY, 2019. THE MEAN HIGH WATER LINE AND THE EROSION CONTROL LINE ARE ONE AND THE SAME.
- THE HORIZONTAL AND VERTICAL LOCATION OF THE MEAN HIGH WATER LINE SHOWN HEREON WAS DETERMINED UTILIZING REAL TIME KINEMATIC (RTK) SURVEYING PROCEDURES. BASE STATION CORRECTIONS WERE GENERATED FROM FOUND DEP SECOND ORDER CONTROL "A" MONUMENTATION AND VERIFIED TO SAME.
- THE MEAN HIGH WATER LINE ELEVATION IS 1.41 FEET (NAVD88) PER MEAN HIGH WATER SURVEY PROCEDURAL APPROVAL DATED JUNE 19, 2019.
- THE MEAN HIGH WATER LINE SURVEY DEPICTED HEREON COMPLIES WITH CHAPTER 177, PART II, FLORIDA STATUTES AND IS RECORDED IN THE PUBLIC REPOSITORY OF THE FLORIDA DEP BUREAU OF SURVEY AND MAPPING AS MEAN HIGH WATER FILE NO. 7440.
- PARCEL IDENTIFICATION WAS OBTAINED FROM THE FLAGLER COUNTY PROPERTY APPRAISER INTERACTIVE WEB SITE. PARCEL, SECTION, TOWNSHIP AND RANGE LINES ARE SCALE ACCURATE (NOT FIELD LOCATED).
- NO TITLE SEARCH, TITLE OPINION, OR ABSTRACT WAS PERFORMED NOR PROVIDED TO THIS FIRM FOR THE PARCELS SHOWN HEREON. THERE MAY BE DEEDS OF RECORD, UNRECORDED DEEDS, EASEMENTS, RIGHTS-OF-WAY, BUILDING SETBACKS, RESTRICTIVE COVENANTS, OR OTHER INSTRUMENTS WHICH COULD AFFECT THE BOUNDARIES OF USE OF THE SUBJECT PROPERTY.
- THE AERIAL PHOTOGRAPHY SHOWN HEREON WAS OBTAINED FROM LABINS AND DATED MAY 2017.
- BEACH DESIGN ELEMENTS PROVIDED BY OLSEN ASSOCIATES, INC.

## CERTIFICATION:

I HEREBY CERTIFY THAT THE ATTACHED MEAN HIGH WATER SURVEY AND EROSION CONTROL LINE IS AN ACCURATE REPRESENTATION OF SAID LINE AS RECENTLY SURVEYED UNDER MY PERSONAL DIRECTION ON 11 JULY, 2019 AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND MEETS THE STANDARDS OF PRACTICE SET FORTH IN CHAPTER 5J-17 ADOPTED BY THE FLORIDA BOARD OF LAND SURVEYORS PURSUANT TO SECTION 472-027 OF THE FLORIDA STATUTES AND THE MEAN HIGH WATER SURVEY DEPICTED HEREON COMPLIES WITH CHAPTER 177, PART II OF THE FLORIDA STATUTES, AND IS RECORDED IN THE PUBLIC REPOSITORY OF THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION MEAN HIGH WATER SURVEY FILE NUMBER 7337.

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



MEAN HIGH WATER LINE LOCATION TABLE				MEAN HIGH WATER LINE LOCATION TABLE			
ID	EASTING	NORTHING	ELEV.	ID	EASTING	NORTHING	ELEV.
2022	1883487.01	610548.21	1.41	2058	1876577.54	613537.92	1.41
2023	1883303.64	610626.11	1.41	2059	1876399.37	613615.37	1.41
2024	1883110.54	610710.67	1.41	2060	1876205.00	613694.34	1.41
2025	1882917.99	610796.36	1.41	2061	1876020.47	613776.36	1.41
2026	1882726.16	610879.25	1.41	2062	1875834.28	613857.23	1.41
2027	1882524.57	610961.64	1.41	2063	1875643.99	613941.09	1.41
2028	1882339.52	611038.10	1.41	2064	1875465.67	614018.27	1.41
2029	1882136.54	611124.37	1.41	2065	1875276.20	614098.17	1.41
2030	1881936.25	611213.26	1.41	2066	1875101.77	614173.83	1.41
2031	1881739.47	611293.72	1.41	2067	1874916.56	614247.55	1.41
2032	1881545.00	611382.19	1.41	2068	1874722.16	614324.34	1.41
2033	1881336.64	611476.41	1.41	2069	1874536.31	614401.55	1.41
2034	1881135.40	611566.40	1.41	2070	1874356.51	614480.50	1.41
2035	1880952.53	611647.52	1.41	2071	1874170.74	614566.56	1.41
2036	1880749.33	611735.58	1.41	2072	1873979.86	614649.95	1.41
2037	1880561.33	611808.03	1.41	2073	1873792.85	614726.58	1.41
2038	1880357.64	611893.67	1.41	2074	1873594.98	614811.41	1.41
2039	1880155.49	611976.49	1.41	2075	1873409.76	614891.33	1.41
2040	1879956.05	612068.89	1.41	2076	1873235.66	614967.64	1.41
2041	1879764.57	612155.96	1.41	2077	1873046.31	615048.58	1.41
2042	1879563.04	612245.32	1.41	2078	1872856.75	615135.03	1.41
2043	1879384.87	612323.43	1.41	2079	1872680.24	615216.47	1.41
2044	1879189.50	612412.16	1.41	2080	1872496.82	615286.47	1.41
2045	1879003.83	612490.85	1.41	2081	1872310.67	615355.80	1.41
2046	1878816.82	612568.49	1.41	2082	1872115.07	615434.20	1.41
2047	1878629.84	612642.92	1.41	2083	1871914.58	615518.03	1.41
2048	1878435.87	612729.47	1.41	2084	1871727.07	615584.77	1.41
2049	1878249.65	612812.84	1.41	2085	1871533.37	615661.72	1.41
2050	1878071.59	612893.46	1.41	2086	1871356.38	615742.70	1.41
2051	1877886.69	612970.24	1.41	2087	1871163.69	615833.38	1.41
2052	1877705.21	613048.29	1.41	2088	1870967.75	615932.48	1.41
2053	1877517.71	613124.65	1.41	2089	1870776.11	616045.54	1.41
2054	1877336.01	613211.97	1.41	2090	1870582.40	616128.84	1.41
2055	1877156.69	613288.32	1.41	2091	1870397.43	616206.87	1.41
2056	1876972.44	613365.57	1.41	2092	1870202.58	616271.89	1.41
2057	1876767.63	613456.29	1.41				

LOCATION SKETCH  
& KEY MAP  
(RANGE 31 EAST, SCALE: 1" = 800')

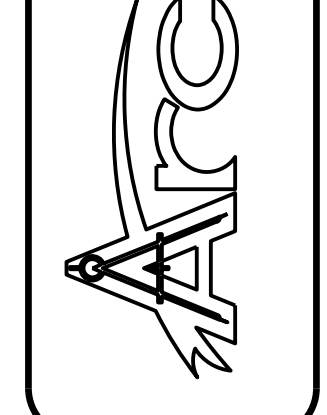


DATE	BY	REVISION

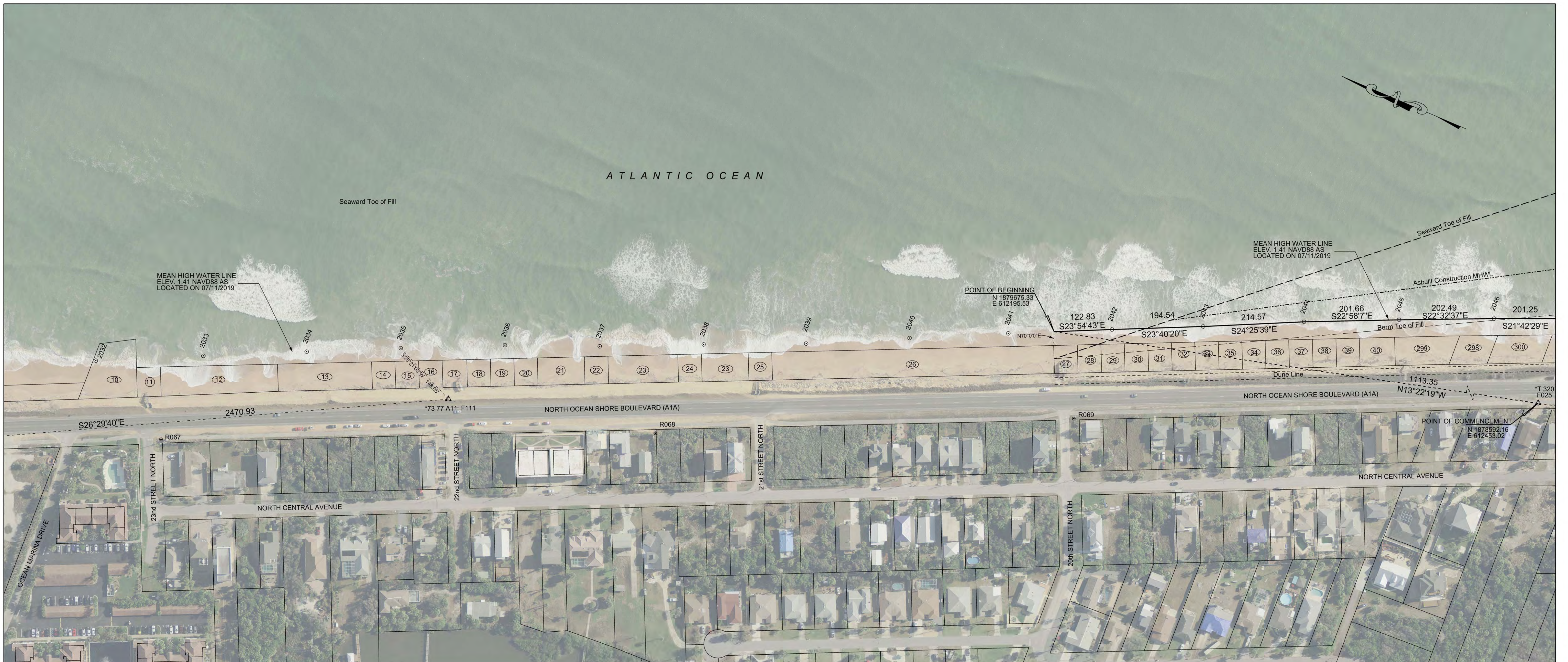
Project Title:  
Mean High Water Line Survey  
Flagler County R-68.9 to R-79.8

Prepared For:  
**olsen associates, Inc.**  
2618 Hirschel St.  
Jacksonville, Florida 32204

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



LB No. 6487  
Drawn By: R. SAWYER  
Scale: SEE SHEET  
Plot Date: 01/21/20  
ARC Project No.:  
19-11-07



**LEGEND**

- MHWL RTK LOCATION POINT
- △ SURVEY CONTROL MONUMENT
- BEACH PROFILE ORIGIN POINT
- ⑩ PARCEL ID NUMBER

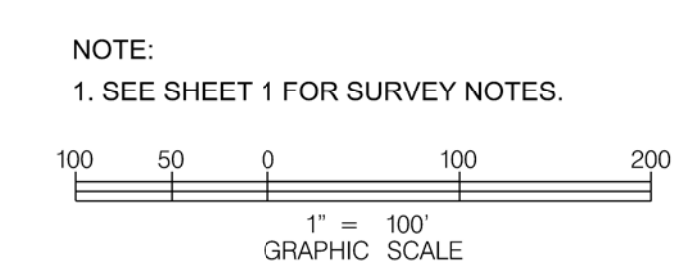
**PROFILE ORIGIN POINTS**

PROFILE NAME	NORTHING	EASTING	ELEVATION (NAVD88)
R067	1,881,354.2	611,278.5	19.56
R068	1,880,382.7	611,680.7	18.47
R069	1,879,568.1	612,039.6	20.79

**SURVEY CONTROL**

POINT NAME	NORTHING	EASTING	ELEVATION (NAVD88)
73 77 A11 F111	1,880,818.73	611,584.14	19.94

Map ID	County Parcel ID	Parcel Owner	Address	City	State	Zip Code
9	35-11-31-0400-00010-0120	BODDEN CARRIE SMITH TRUSTEE	6337 JACK WRIGHT ISLAND RD	ST AUGUSTINE	FL	32092
286	35-11-31-0410-00000-0001	OCEANSIDE @ BEVERLY BEACH CONDOMINIUM COMMON AREA	DEC REC OR 1556 PG 810 OR 1599 PG 453			
10	36-11-31-5630-00110-0020	CITY OF FLAGLER BEACH	P O BOX 70	FLAGLER BEACH	FL	32136
11	36-11-31-5630-00110-0010	CITY OF FLAGLER BEACH	P O BOX 70	FLAGLER BEACH	FL	32136
12	36-11-31-5630-00120-0040	CITY OF FLAGLER BEACH	P O BOX 70	FLAGLER BEACH	FL	32136
13	36-11-31-5630-00120-0050	TOWNSEND JIMMIE L & MARY GRACE (TRUSTEES)	821 INTERNATIONAL DRIVE EAST	DAYTONA BEACH	FL	32118
14	36-11-31-5630-00120-0060	DEVINE-BEATY JOSEPHINE F TRUSTEE	220 PELICAN AVENUE	DAYTONA BEACH	FL	32118
15	36-11-31-5630-00120-0070	DEVINE-BEATY JOSEPHINE F TRUSTEE	220 PELICAN AVENUE	DAYTONA BEACH	FL	32118
16	36-11-31-5630-00120-0061	CITY OF FLAGLER BEACH	P O BOX 70	FLAGLER BEACH	FL	32136
17	36-11-31-5630-00120-0030	CITY OF FLAGLER BEACH	P O BOX 70	FLAGLER BEACH	FL	32136
18	36-11-31-5630-00130-0090	PAPE ROBERT J & BARBARA J H&W & NANCY S LEMER & LAWRENCE S H&W	1203 SALT CREEK ISLAND DR	PONTE VEDRA BEACH	FL	32082
19	36-11-31-5630-00130-0091	PAPE ROBERT J & BARBARA J H&W & NANCY S LEMER & LAWRENCE S H&W	1203 SALT CREEK ISLAND DR	PONTE VEDRA BEACH	FL	32082
20	36-11-31-5630-00130-0100	SALL ISSA	1090 BERKELEY STREET, APT 11	HANAHAN	SC	29410
21	36-11-31-5630-00130-0110	AMMEX INVESTMENTS INC	P O BOX 65417	ORANGE PARK	FL	32065
22	36-11-31-5630-00130-0120	O'NEIL MARGARET M	16 NUT ISLAND AVENUE	QUINCY	MA	2169
23	36-11-31-5630-00130-0130	CITY OF FLAGLER BEACH	P O BOX 70	FLAGLER BEACH	FL	32136
24	36-11-31-5630-00130-0140	CITY OF FLAGLER BEACH	P O BOX 70	FLAGLER BEACH	FL	32136
25	36-11-31-5630-00130-0080	CITY OF FLAGLER BEACH	P O BOX 70	FLAGLER BEACH	FL	32136
26	36-11-31-5630-00140-0160	CITY OF FLAGLER BEACH	P O BOX 70	FLAGLER BEACH	FL	32136
27	36-11-31-5630-00140-0150	CITY OF FLAGLER BEACH	P O BOX 70	FLAGLER BEACH	FL	32136
28	36-11-31-5630-00140-0161	TROUT MICHAEL K & JEANNINE A TROUT H&W	203 DANUBE AVE	TAMPA	FL	33606
29	36-11-31-5630-00140-0170	RYCRAFT HELEN A	13555 LAKES WAY	ORLANDO	FL	32828
30	36-11-31-5630-00150-0180	KIM RICHARD H	798 NE 71ST STREET	BOCA RATON	FL	33487
31	36-11-31-5630-00150-0182	BE OUR GUEST HOMES LLC	939 WEST TENNESSEE TRACE	ST JOHNS	FL	32259
32	36-11-31-5630-00150-0185	MORRISON CAROLYN DEYARMON TRUSTEE	2082 N CENTRAL AVE	FLAGLER BEACH	FL	32136
33	36-11-31-5630-00150-0190	MORRISON JEFFREY H	9560 BAY HILL DR	WARREN	OH	44484
34	36-11-31-5630-00150-0210	KETHA REAL ESTATE ENTERPRISE LLC	2925 SKYWAY CIRCLE NORTH	IRVING	TX	75038
35	36-11-31-5630-00050-0070	DISANTO LOUIS	1935 NORTH OCEANSHORE BLVD	FLAGLER BEACH	FL	32136
36	36-11-31-5630-00150-0220	WICK PHYLLIS A TRUSTEE & EINO W WICK TRUSTEE	P O BOX 225	EAST TEMPLETON	MA	1438
37	36-11-31-5630-00150-0232	MCDONOUGH GAIL	1915 N OCEANSHORE BLVD	FLAGLER BEACH	FL	32136
38	36-11-31-5630-00150-0231	SHUPE MARSHALL D & MARLENE W H&W	148 PALM CIRCLE	FLAGLER BEACH	FL	32136
39	36-11-31-5630-00150-0233	REISS ELAINE	573 N VALLEY FORGE RD	NEPTUNE BEACH	FL	32266
40	36-11-31-5630-00150-0241	LEVINE MANUEL D & ANNETTE D LEVINE H&W	10739 SANTA ROSA DRIVE	BOCA RATON	FL	33498
297	36-11-31-0000-02150-0000	HUNTER RICHARD T & KATHLEEN H&W	365 WOLDUNN CIRCLE	LAKE MARY	FL	32746
298	36-11-31-0000-02080-0000	NELSON CHERYL L	1890 N CENTRAL AVE	FLAGLER BEACH	FL	32136
299	36-11-31-5630-00050-0130	SEASCAPE PROPERTIES LLC	1597 MASTERPIECE WAY	DELAND	FL	32724
300	36-11-31-0000-02140-0020	WHITTAKER ALICIA GREENE	1815 N OCEANSHORE BLVD	FLAGLER BEACH	FL	32136

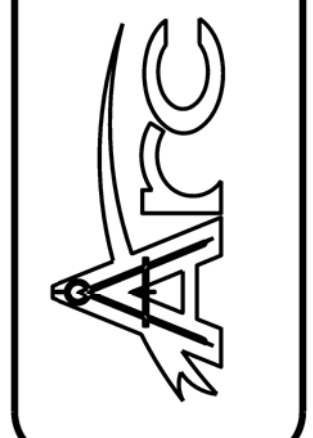


DATE	BY	REVISION

Project Title:  
Erosion Control Line Survey  
Flagler County R-68.9 to R-79.8

Prepared For:  
**olsen associates, Inc.**  
2618 Hirschel St.  
Jacksonville, Florida 32204

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



LB No. 6487  
Drawn By: R. SAWYER  
Scale: SEE SHEET  
Plot Date: 01/21/20  
ARC Project No.:  
19-11-07



**LEGEND**

- MHWL RTK LOCATION POINT
- △ SURVEY CONTROL MONUMENT
- BEACH PROFILE ORIGIN POINT
- ②① PARCEL ID NUMBER

**PROFILE ORIGIN POINTS**

PROFILE NAME	NORTHING	EASTING	ELEVATION (NAVD88)
R070	1,876,594.3	612,451.5	19.90
R071	1,877,736.2	612,900.1	19.03
R072	1,876,867.2	613,259.2	19.23
R073	1,875,986.4	613,622.47	20.46

**SURVEY CONTROL**

POINT NAME	NORTHING	EASTING	ELEVATION (NAVD88)
T 320 F025	1,878,592.16	612,453.02	20.22
73 77 A10 F110	1,877,525.49	612,981.36	19.86

Map ID	County Parcel ID	Parcel Owner	Address	City	State	Zip Code
297	36-11-31-0000-02150-0000	HUNTER RICHARD T & KATHLEEN H&W	365 WOLDUNN CIRCLE	LAKE MARY	FL	32746
298	36-11-31-0000-02080-0000	NELSON CHERYL L	1890 N CENTRAL AVE	FLAGLER BEACH	FL	32136
299	36-11-31-5630-00050-0130	SEASCAPE PROPERTIES LLC	1597 MASTERPIECE WAY	DELAND	FL	32724
300	36-11-31-0000-02140-0020	WHITTAKER ALICIA GREENE	1815 N OCEANSHORE BLVD	FLAGLER BEACH	FL	32136
301	36-11-31-0000-02240-0000	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
41	36-11-31-4930-00000-001A	DIX JAMES & LINDA DIX TRUSTEES	3409 N OCEANSHORE BLVD	FLAGLER BEACH	FL	32136
42	36-11-31-4930-00000-002A	NELSON JAMES A & JOANNE ECKHARDT H&W LIFE ESTATE	P O BOX 2098	FLAGLER BEACH	FL	32136
43	36-11-31-4930-00000-003A	CHAMBERLAIN SCOTT W & DONNA J H&W	172 MARINER POINTE LANE	MOORESVILLE	NC	28117
44	36-11-31-4930-00000-004A	BOTELHO FRANK A AND PAMELA J BOTELHO H/W TRUSTEES	189 WILLOW OAK WAY	PALM COAST	FL	32137
45	36-11-31-4930-00000-005A	SALYER CHARLES E AND CAROLYN E SALYER JTWROS	1744 N CENTRAL AVE	FLAGLER BEACH	FL	32136
46	36-11-31-4930-00000-006A	HVIZDAK WILLIAM G	3154 HILLSVILLE RD	EDINBURG	PA	16116
47	36-11-31-4930-00000-007A	HVIZDAK WILLIAM G	3154 HILLSVILLE RD	EDINBURG	PA	16116
48	36-11-31-4930-00000-008A	THOMPSON JOHN WADE	1728 N CENTRAL AVE	FLAGLER BEACH	FL	32136
49	36-11-31-4930-00000-009A	SPRINGER GARY & MARTHA H/W	1246 LAKESIDE DRIVE	COROLLA	NC	27927
50	01-12-31-2900-00170-0020	STRICKLAND CAREY & DOROTHY KLEE H&W	1708 N CENTRAL AVE	FLAGLER BEACH	FL	32136
51	01-12-31-2900-00170-0021	RHUDY MARTHA	P.O. BOX 1525	FLAGLER BEACH	FL	32136
52	01-12-31-2900-00170-0022	SANFORD SIMON R & MARGIE R H&W	1704 N CENTRAL AVE	FLAGLER BEACH	FL	32136
53	01-12-31-2900-00170-0031	SHEETS MARVIN A	PO BOX 1487	BUNNELL	FL	32110
54	01-12-31-2900-00170-0030	SANDY TOES BEACHSIDE RENTAL LLC	115 E 13TH STREET	ST CLOUD	FL	34769
55	01-12-31-2900-00170-0010	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
56	01-12-31-2900-00180-0060	HUNSAKER CAROLYN B TRUSTEE	1647 N OCEANSHORE BLVD	FLAGLER BEACH	FL	32136
57	01-12-31-2900-00180-0050	CARUSO ANTHONY L & GEORGIA M H&W	1641 N OCEANSHORE BLVD	FLAGLER BEACH	FL	32136
58	01-12-31-2900-00180-0070	HARTKOP JAMES & STACY WITFILL H&W	3614 N PINE VALLEY LOOP	LECANTO	FL	34461
59	01-12-31-2900-00180-0075	SAUNDERS JEANNE FULGHUM & JAMES ANTHONY H&W	1633 N OCEANSHORE BLVD	FLAGLER BEACH	FL	32136
60	01-12-31-2900-00180-0080	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
61	01-12-31-2900-00180-0040	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
62	01-12-31-2900-00190-0100	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
285	01-12-31-0350-00130-0000	BARROWS JANIE ELIZABETH TAYLOR LAWHORN TRUSTEE	1505 N OCEANSHORE BLVD	FLAGLER BEACH	FL	32136
63	01-12-31-2900-00190-0090	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
64	01-12-31-0350-00020-0011	ALIKI TOWNHOUSE ASSOCIATION INC., THE	P O BOX 2496	FLAGLER BEACH	FL	32136

NOTE:  
1. SEE SHEET 1 FOR SURVEY NOTES.

Project Title:  
Erosion Control Line Survey  
Flagler County R-68.9 to R-79.8

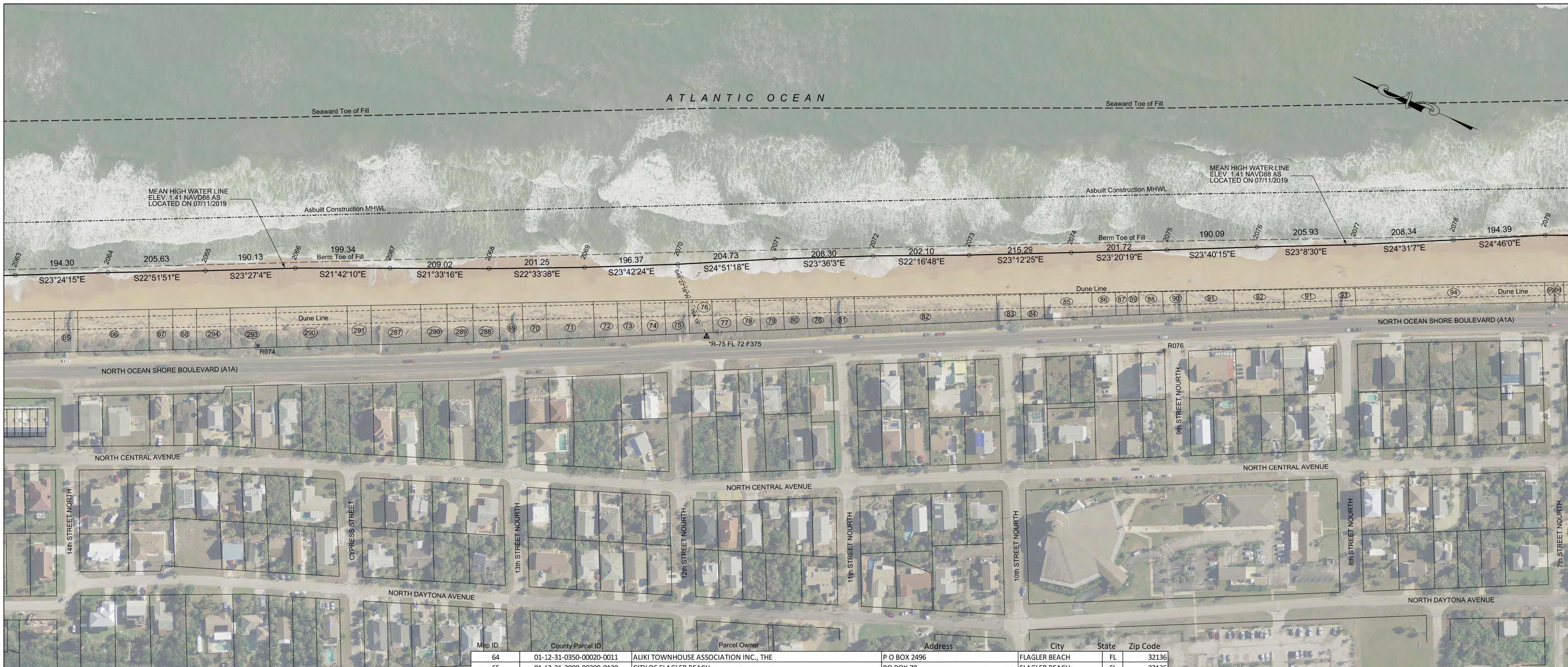
Prepared For:  
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LB No. 6487  
Drawn By: R. SAWYER  
Scale: SEE SHEET  
Plot Date: 01/21/20  
ARC Project No.: 19-11-07

DATE BY REVISION

SHEET: 3 OF 5



Map ID	County Parcel ID	Parcel Owner	Address	City	State	Zip Code
64	01-12-31-0350-00020-0011	ALIKI TOWNHOUSE ASSOCIATION INC., THE	P O BOX 2496	FLAGLER BEACH	FL	32136
65	01-12-31-2900-00200-0120	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
66	01-12-31-2900-00210-0140	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
67	01-12-31-2900-00210-0150	GLOVER CINDY K & ALLEN L GAYLORD W&H	1349 N OCEANSHORE BLVD	FLAGLER BEACH	FL	32136
68	01-12-31-2900-00210-0160	DEEN CLAUDE SISCO	1347 N OCEANSHORE BLVD PO BOX 637	FLAGLER BEACH	FL	32136
287	01-12-31-4450-00010-0050	LETTORALE RICHARD & VIRGINIA A H&W	29 CRATER AVE	WHARTON	NJ	7885
288	01-12-31-1100-00130-0011	FLAGLER BEACH OCEANSHORE LLC	211 NW 5TH AVENUE	BOCA RATON	FL	33432
289	01-12-31-1100-00130-0010	SCARISBRICK THOMAS M	1305 N OCEANSHORE BLVD	FLAGLER BEACH	FL	32136
290	01-12-31-1100-00130-0030	1309 FLAGLER LLC 11621 KEW GARDEN AVENUE	SUITE 109	PALM BEACH GARDENS	FL	33410
291	01-12-31-4450-00130-0020	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
292	01-12-31-4450-00130-0030	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
293	01-12-31-4450-00130-0040	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
294	01-12-31-2900-00210-0170	JAMES THEODOREU REV TRUST	1343 N OCEANSHORE BLVD	FLAGLER BEACH	FL	32136
69	01-12-31-1100-00130-0020	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
70	01-12-31-1100-00140-0010	T C A INC C/O STEPHEN LAWRENCE	3145 GEARY BLVD SUITE 707	SAN FRANCISCO	CA	94118
71	01-12-31-1100-00140-0040	DUENSING CLYDE JR & WINNIE M	PO BOX 121	FLAGLER BEACH	FL	32136
72	01-12-31-1100-00140-0060	FARMORE LLC	13 ELSWORTH DRIVE	PALM COAST	FL	32164
73	01-12-31-1100-00140-0050	CHAMBERS DARREN W & JANICE M CHAMBERS H&W	1408 FAIRWAY DRIVE	DOUGLAS	GA	31533
74	01-12-31-1100-00140-0061	PARKER RAYMOND A & CLAUDIA J H/W	1201 N OCEANSHORE BLVD	FLAGLER BEACH	FL	32136
75	01-12-31-1100-00140-0030	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
76	01-12-31-1100-00150-0070	DUENSING CLYDE JR & WINNIE R H&W	PO BOX 121	FLAGLER BEACH	FL	32136
77	01-12-31-1100-00150-0080	IRWIN MARCI E TRUSTEE	1119 N OCEANSHORE BLVD	FLAGLER BEACH	FL	32136
78	01-12-31-1100-00150-0090	MORGAN RICHARD O & JOAN R H&W LIFE ESTATE	1115 N OCEAN SHORE BLVD	FLAGLER BEACH	FL	32136
79	01-12-31-1100-00150-0100	LONG LARRY W & JEANNE R	P O BOX 1445	FLAGLER BEACH	FL	32136
80	01-12-31-1100-00150-0110	RAVAL PRADEEP A & MARTA C H&W	3554 NW 63RD PLACE	GAINESVILLE	FL	32653
81	01-12-31-1100-00150-0060	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
82	01-12-31-1100-00160-0130	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
83	01-12-31-1100-00160-0120	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
84	01-12-31-1100-00170-0150	WOLCOTT INC	PO BOX 1407	FLAGLER BEACH	FL	32136
85	01-12-31-1100-00170-0160	COX JAMES F & BETTY L H&W	107 PALM DRIVE	FLAGLER BEACH	FL	32136
86	01-12-31-1100-00170-0161	EQUITY TRUST COMPANY FBO GORDON KEMMERLY IRA	5628 TROWBRIDGE DRIVE	DUNWOODY	GA	30338
87	01-12-31-1100-00050-0040	FLAGLER BEACH LLC	8851 A1A SOUTH	ST AUGUSTINE	FL	32080
88	01-12-31-1100-00170-0170	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
89	01-12-31-1100-00050-0050	ERNST DOUGLAS E	920 WINGED FOOT TRAIL	FAYETTEVILLE	GA	30215
90	01-12-31-1100-00170-0140	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
91	01-12-31-1100-00180-0190	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
92	01-12-31-1100-00180-0200	FLAGLER BEACH PROPERTIES LLC	PO BOX 1414	PONTE VEDRA BEACH	FL	32004
93	01-12-31-1100-00180-0180	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
94	01-12-31-1100-00190-0210	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
95	12-12-31-4500-00620-0020	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
96	12-12-31-4500-00630-0070	LOWE PALM COAST INC	4 OLD KINGS RD N SUITE B	PALM COAST	FL	32137

**LEGEND**

- MHWL RTK LOCATION POINT
- △ SURVEY CONTROL MONUMENT
- BEACH PROFILE ORIGIN POINT
- ② PARCEL ID NUMBER

PROFILE NAME	NORTHING	EASTING	ELEVATION (NAVD88)
R074	1,875,114.2	613,992.9	21.23
R075	1,874,243.4	614,361.5	21.04
R076	1,873,336.7	614,692.7	19.97

POINT NAME	NORTHING	EASTING	ELEVATION (NAVD88)
73 07 A08-2 F027	1,871,193.86	615,697.45	17.16
R-75 FL 72 F375	1,874,243.39	614,361.49	21.04

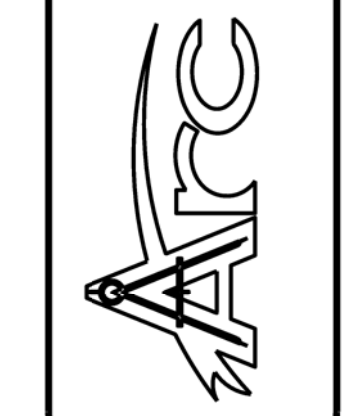
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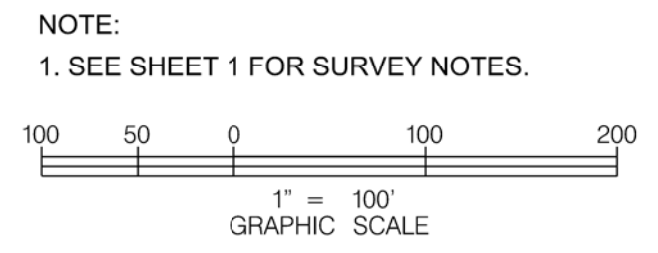
**LEGEND**

- MHWL RTK LOCATION POINT
- △ SURVEY CONTROL MONUMENT
- BEACH PROFILE ORIGIN POINT
- (120) PARCEL ID NUMBER

PROFILE NAME	NORTHING	EASTING	ELEVATION (NAVD88)
R077	1,872,469.5	615,139.0	18.13
R078	1,871,576.7	615,517.3	16.86
R079	1,870,704.7	615,920.0	18.25
R080	1,869,801.7	616,198.3	17.73

SURVEY CONTROL POINT NAME	NORTHING	EASTING	ELEVATION (NAVD88)
73 07 A08-2 F027	1,871,193.86	615,697.45	17.16

Map ID	County Parcel ID	Parcel Owner	Address	City	State	Zip Code
97	12-12-31-4500-00630-0050	TARSITANO KENNETH R & KELLY B TRUSTEES	29 BEDFORD DRIVE	PALM COAST	FL	32137
98	12-12-31-4500-00630-0060	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
99	12-12-31-4500-00630-0040	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
100	12-12-31-4500-00640-0080	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
101	12-12-31-4500-00640-0090	DUNCAN DENNIS G & HEATHER DUNCAN H&W	6958 E MIRABEL AVE	MESA	AZ	85209
102	12-12-31-4500-00640-0100	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
103	12-12-31-4500-00640-0070	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
104	12-12-31-4500-00650-0120	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
105	12-12-31-4500-00650-0130	RUHL LORRAINE H LIFE ESTATE	34 PALM DRIVE	ORMOND BEACH	FL	32176
106	12-12-31-4500-00650-0140	WENSKY DAVID ALLEN & AFAY K WENSKY TRUSTEES	2628 CORTE VIDA	PLEASANTON	CA	94566
107	12-12-31-4500-00650-0110	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
108	12-12-31-4500-00660-0160	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
109	12-12-31-4500-00660-0150	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
110	12-12-31-4500-00670-0180	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
111	12-12-31-4500-00670-0190	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
112	12-12-31-4500-00670-0170	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
113	12-12-31-4500-00680-0210	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
114	12-12-31-4500-00680-0200	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
115	12-12-31-4500-00690-0230	GERALDINE CHARLES LLC	PO BOX 848	FLAGLER BEACH	FL	32136
116	12-12-31-4500-00690-0220	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
117	12-12-31-4500-00700-0250	CITY OF FLAGLER BEACH PIER	PO BOX 70	FLAGLER BEACH	FL	32136
118	12-12-31-4500-00710-0290	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
119	12-12-31-4500-00710-0270	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
120	12-12-31-4500-00720-0310	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
121	12-12-31-4500-00720-0320	VRE FLAGLER BEACH LLC	1211 S WHITE CHAPEL BLVD	SOUTHLAKE	TX	76092
122	12-12-31-4500-00720-0300	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
123	12-12-31-4500-00730-0340	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
124	12-12-31-4500-00730-0330	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
125	12-12-31-4500-00740-0360	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
126	12-12-31-4500-00740-0370	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
127	12-12-31-4500-00740-0350	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
128	12-12-31-4500-00750-0390	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
129	12-12-31-4500-00750-0380	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
130	12-12-31-4500-00760-0410	FLAGLER HOLDINGS I LLC	1481 LAMBERT AVE	FLAGLER BEACH	FL	32136

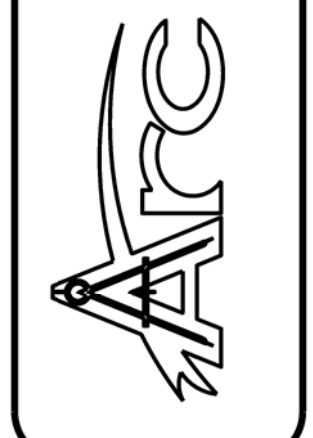


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LB No. 6487  
Drawn By: R. SAWYER  
Scale: SEE SHEET  
Plot Date: 01/21/20  
ARC Project No.:  
19-11-07

# FLAGLER R-94.2 TO R-94.8 EROSION CONTROL LINE

LENGTH: 766 FEET +/-

## SECTION 19, TOWNSHIP 12 SOUTH, RANGE 32 EAST LEGAL DESCRIPTION OF MEAN HIGH WATER LINE AND PROPOSED EROSION CONTROL LINE

COMMENCING AT A FLORIDA DEPARTMENT OF TRANSPORTATION DISK IN CONCRETE DESIGNATED "73 77 A04 F104" HAVING COORDINATES OF NORTHING 1857619.41 FEET AND EASTING 621175.38 FEET AS REFERENCED TO THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983, 1990 ADJUSTMENT, PROCEED ALONG A BEARING OF NORTH 79°11'55" EAST, A DISTANCE OF 121.95 FEET TO THE MEAN HIGH WATER LINE OF THE ATLANTIC OCEAN, HAVING AN ELEVATION OF 1.41 FEET AS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988, SAID POINT BEING THE POINT OF BEGINNING OF THE FOLLOWING DESCRIBED MEAN HIGH WATER LINE, AND HAVING COORDINATES OF NORTH 1857642.26 FEET AND EASTING OF 621295.17 FEET; THENCE SOUTH 21°19'52" EAST, A DISTANCE OF 163.70 FEET; THENCE SOUTH 19°01'36" EAST A DISTANCE OF 203.87 FEET; THENCE SOUTH 20°01'59" EAST A DISTANCE OF 197.36 FEET; THENCE SOUTH 21°34'47" EAST AND THE POINT OF TERMINATION OF THE AFOREMENTIONED MEAN HIGH WATER LINE, SAID POINT HAVING COORDINATES OF NORTH 1856924.20 FEET AND EASTING OF 621562.92. MEAN HIGH WATER LINE AS DESCRIBED HAVING A TOTAL LENGTH OF 766 FEET MORE OR LESS.

### APPROVALS

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

KNOW ALL PERSONS BY THESE PRESENTS: THAT THE CHIEF OF THE BUREAU OF SURVEY AND MAPPING OF THE DIVISION OF LANDS, DEPARTMENT OF ENVIRONMENTAL PROTECTION OF THE STATE OF FLORIDA HEREBY APPROVES THIS PLAT.

DATED AT \_\_\_\_\_ THIS \_\_\_\_ DAY OF \_\_\_\_\_, 2019.

W. LAMAR EVERS  
BUREAU OF SURVEY AND MAPPING

CERTIFICATE OF ACCEPTANCE AND RECORDING OF COUNTY CLERK

ACCEPTED FOR FILES AND RECORDING IN THE PUBLIC RECORDS OF FLAGLER COUNTY, FLORIDA, THE \_\_\_\_\_ DAY OF \_\_\_\_\_, 2019 IN PLAT BOOK \_\_\_\_\_ PAGES \_\_\_\_\_, PURSUANT TO THE PROVISIONS OF CHAPTER 161.181 FLORIDA STATUTES.

CLERK OF THE COURT

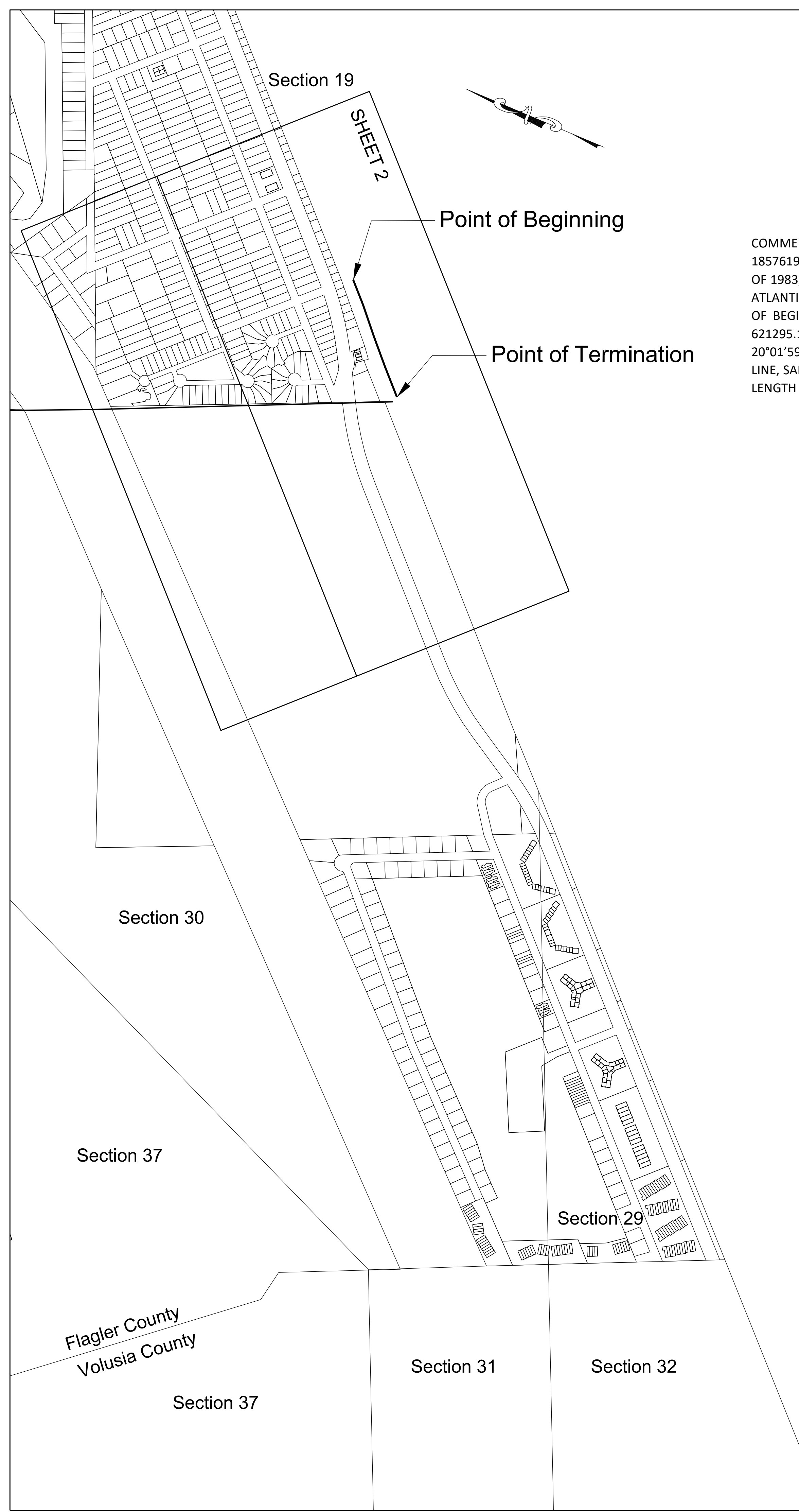
### NOTES:

1. THE BEARINGS AND COORDINATES SHOWN HEREON ARE BASED ON THE FLORIDA STATE PLANE SYSTEM, EAST ZONE (0901), RELATIVE TO THE NAD83/90 ADJUSTMENT, US SURVEY FOOT.
2. THE ELEVATIONS SHOWN HEREON ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AND ARE BASED ON FOUND DEP CONTROL MONUMENTATION. FOUND DEP CONTROL MONUMENTATION DEPICTED IN CONTROL TABULATION.
3. THE MEAN HIGH WATER LINE WAS FIELD SURVEYED ON 11 JULY, 2019. THE MEAN HIGH WATER LINE AND THE EROSION CONTROL LINE ARE ONE AND THE SAME.
4. THE HORIZONTAL AND VERTICAL LOCATION OF THE MEAN HIGH WATER LINE SHOWN HEREON WAS DETERMINED UTILIZING REAL TIME KINEMATIC (RTK) SURVEYING PROCEDURES. BASE STATION CORRECTIONS WERE GENERATED FROM FOUND DEP SECOND ORDER CONTROL "A" MONUMENTATION AND VERIFIED TO SAME.
5. THE MEAN HIGH WATER LINE ELEVATION IS 1.41 FEET (NAVD88) PER MEAN HIGH WATER SURVEY PROCEDURAL APPROVAL DATED JUNE 19, 2019.
6. THE MEAN HIGH WATER LINE SURVEY DEPICTED HEREON COMPLIES WITH CHAPTER 177, PART II, FLORIDA STATUTES AND IS RECORDED IN THE PUBLIC REPOSITORY OF THE FLORIDA DEP BUREAU OF SURVEY AND MAPPING AS MEAN HIGH WATER FILE NO. 7459.
7. PARCEL IDENTIFICATION WAS OBTAINED FROM THE FLAGLER COUNTY PROPERTY APPRAISER INTERACTIVE WEB SITE. PARCEL, SECTION, TOWNSHIP AND RANGE LINES ARE SCALE ACCURATE (NOT FIELD LOCATED).
8. NO TITLE SEARCH, TITLE OPINION, OR ABSTRACT WAS PERFORMED NOR PROVIDED TO THIS FIRM FOR THE PARCELS SHOWN HEREON. THERE MAY BE DEEDS OF RECORD, UNRECORDED DEEDS, EASEMENTS, RIGHTS-OF-WAY, BUILDING SETBACKS, RESTRICTIVE COVENANTS, OR OTHER INSTRUMENTS WHICH COULD AFFECT THE BOUNDARIES OF USE OF THE SUBJECT PROPERTY.
9. THE AERIAL PHOTOGRAPHY SHOWN HEREON WAS OBTAINED FROM LABINS AND DATED MAY 2017.
10. BEACH DESIGN ELEMENTS PROVIDED BY OLSEN ASSOCIATES, INC.

### MEAN HIGH WATER LINE LOCATION TABLE

ID	EASTING	NORTHING	ELEV.
2163	1857489.78	621354.71	1.41
2164	1857297.05	621421.18	1.41
2165	1857111.63	621488.79	1.41

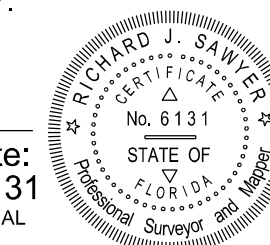
LOCATION SKETCH  
& KEY MAP  
(RANGE 32 EAST, SCALE: 1" = 400')



### CERTIFICATION:

I HEREBY CERTIFY THAT THE ATTACHED MEAN HIGH WATER SURVEY AND EROSION CONTROL LINE IS AN ACCURATE REPRESENTATION OF SAID LINE AS RECENTLY SURVEYED UNDER MY PERSONAL DIRECTION ON 11 JULY, 2019 AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND MEETS THE STANDARDS OF PRACTICE SET FORTH IN CHAPTER 5J-17 ADOPTED BY THE FLORIDA BOARD OF LAND SURVEYORS PURSUANT TO SECTION 472-027 OF THE FLORIDA STATUTES AND THE MEAN HIGH WATER SURVEY DEPICTED HEREON COMPLIES WITH CHAPTER 177, PART II OF THE FLORIDA STATUTES, AND IS RECORDED IN THE PUBLIC REPOSITORY OF THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION MEAN HIGH WATER SURVEY FILE NUMBER 7337.

Richard J. Sawyer Date: \_\_\_\_\_  
Professional Surveyor and Mapper No. 6131

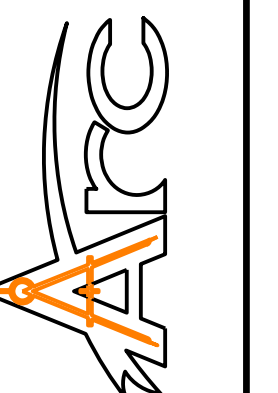


DATE	BY	REVISION

Project Title:  
Erosion Control Line Survey  
Flagler County R-94.2 to R-94.8

Prepared For:  
**olsen associates, Inc.**  
2618 Herschel St.  
Jacksonville, Florida 32204

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



LB No. 6487  
Drawn By: R. SAWYER  
Scale: SEE SHEET  
Plot Date: 01/21/20

ARC Project No.:  
19-11-07





**LEGEND**

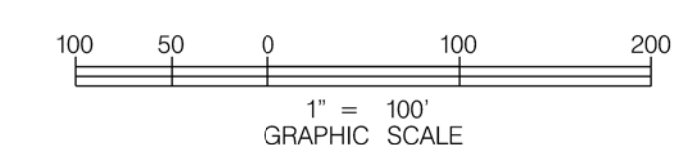
- MHWL LOCATION POINT
- ▲ SURVEY CONTROL MONUMENT
- BEACH PROFILE ORIGIN POINT
- (20) PARCEL ID NUMBER

PROFILE NAME	NORTHING	EASTING	ELEVATION (NAVD88)
R094	1,857,786.9	621,107.8	18.40
R095	1,856,860.7	621,317.9	17.85
R096	1,856,062.3	621,639.9	19.72

SURVEY CONTROL POINT NAME	NORTHING	EASTING	ELEVATION (NAVD88)
73 77 A04 F104	1,857,619.41	621,175.38	18.56
R-96 F1 72 F396	1,856,062.31	621,639.91	19.72

Parcel Map ID	Parcel County ID	Parcel Owner	ADDRESS	CITY NAME	State	ZIPCODE
263	19-12-32-0150-00150-0191	CITY OF FLAGLER BEACH	PO BOX 70	FLAGLER BEACH	FL	32136
264	19-12-32-0150-00150-0200	CZERWONKA WALTER & PAUL S ALLEN	6453 CROSSWINDS DRIVE	CLOVER	SC	29710
265	19-12-32-0150-00150-0210	LAKIC MIRO & KEVIN REEVES	61 SOUTH TURN CIRCLE	PONCE INLET	FL	32127
266	19-12-32-0150-00150-0220	SZCZEBAK EDWARD & JULIA	215 STONE SCHOOL RD	SUTTON	MA	1590
267	19-12-32-0150-00180-0191	TYPE E CORPORATION INC DBA HIGH TIDES AT SNACK JACK	2805 S OCEANSHORE BLVD	FLAGLER BEACH	FL	32136
268	19-12-32-0150-00150-0190	TYPE E CORPORATION INC, THE	2805 S OCEANSHORE BLVD	FLAGLER BEACH	FL	32136
269	19-12-32-0150-00050-0190	TYPE E CORPORATION INC THE	2805 SOUTH OCEANSHORE BLVD	FLAGLER BEACH	FL	32136
270	19-12-32-0375-00000-0040	2811 S OCEANSHORE LLC C/O CAROL WELKER	311 E MORSE BLVD 6-4	WINTER PARK	FL	32789
271	19-12-32-0375-00000-0030	RANDELL ROBERT LAURENCE JR	421 CORTLAND AVE	WINTER PARK	FL	32789
272	19-12-32-0375-00000-0020	MORROW BOBBY GENE & SHARON YENNEY MORROW H&W	2811 S OCEANSHORE BLVD UNIT	FLAGLER BEACH	FL	32163
273	19-12-32-0375-00000-0010	RANDELL ROBERT L	421 CORTLAND AVENUE	WINTER PARK	FL	32789
274	19-12-32-0375-00000-0001	BEACH HOUSE CONDOMINIUM DEC REC OR 259 PG 708	COMMON AREA			
275	19-12-32-0150-00050-0210	FANN STEPHEN D	2815 S OCEANSHORE BLVD	FLAGLER BEACH	FL	32136
276	19-12-32-5060-00000-00A0	PEBBLE BEACH VILLAGE HOMEOWNERS ASSOC INC	PO BOX 1221	FLAGLER BEACH	FL	32136
277	30-12-32-0000-01030-0020	TIITF/DNR-DIV REC & PARKS FLAGLER BEACH STATE PARK C/O DEP	3900 COMMONWEALTH BLVD	TALLAHASSEE	FL	32399
302	19-12-32-0375-00000-0050	CASS-LARMORE CAROLYN & MARTIN J CASS	PO BOX 1289	FLAGLER BEACH	FL	32136
303	19-12-32-0375-00000-0070	CLARK JOSEPH R	12 LAKE AVENUE	DELAND	FL	32724
304	19-12-32-0375-00000-0060	FRYE STEPHEN G	5007 PLAINVIEW CIRCLE	HUTTSVILLE	AL	35811

NOTE:  
1. SEE SHEET 1 FOR SURVEY NOTES.

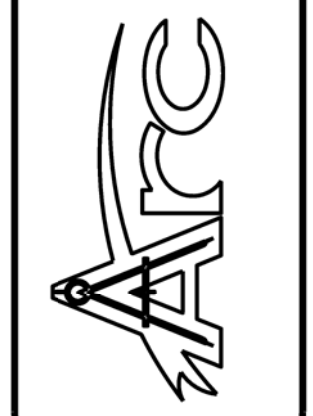


DATE	BY	REVISION

Project Title:  
Erosion Control Line Survey  
Flagler County R-94.2 to R-94.8

Prepared For:  
**olsen associates, Inc.**  
2618 Hirschel St.  
Jacksonville, Florida 32204

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



LB No. 6487  
Drawn By: R. SAWYER  
Scale: SEE SHEET  
Plot Date: 01/21/20  
ARC Project No.:  
19-11-07  
SHEET: 2 OF 2

# FLAGLER R-98.2 TO R-101 EROSION CONTROL LINE SURVEY

LENGTH: 0.65 MILE +/-

## SECTION 29 AND 30, TOWNSHIP 12 SOUTH, RANGE 32 EAST LEGAL DESCRIPTION OF MEAN HIGH WATER LINE AND PROPOSED EROSION CONTROL LINE

COMMENCING AT A FLORIDA DEPARTMENT OF TRANSPORTATION DISK IN CONCRETE DESIGNATED "73 77 A01 F101" HAVING COORDINATES OF NORTHING 1854108.83 FEET AND EASTING 622545.13 FEET AS REFERENCED TO THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983, 1990 ADJUSTMENT, PROCEED ALONG A BEARING OF NORTH 11°51'23" WEST, A DISTANCE OF 802.15 FEET TO THE MEAN HIGH WATER LINE OF THE ATLANTIC OCEAN, HAVING AN ELEVATION OF 1.41 FEET AS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988, SAID POINT BEING THE POINT OF BEGINNING OF THE FOLLOWING DESCRIBED MEAN HIGH WATER LINE, AND HAVING COORDINATES OF NORTH 1854893.87 FEET AND EASTING OF 622380.33 FEET; THENCE SOUTH 16°49'43" EAST, A DISTANCE OF 215.37 FEET; THENCE SOUTH 19°16'59" EAST A DISTANCE OF 199.20 FEET; THENCE SOUTH 21°12'18" EAST A DISTANCE OF 205.53 FEET ; THENCE SOUTH 21°36'58" A DISTANCE OF 200.55 FEET; THENCE SOUTH 22°24'27" EAST A DISTANCE OF 200.30 FEET; THENCE SOUTH 23°47'58" EAST A DISTANCE OF 200.28 FEET; THENCE SOUTH 21°40'13" EAST A DISTANCE OF 199.05 FEET; THENCE SOUTH 21°40'20" EAST A DISTANCE OF 198.08 FEET; THENCE SOUTH 24°25'43" EAST A DISTANCE OF 198.32 FEET; THENCE SOUTH 28°01'26" EAST A DISTANCE OF 204.30 FEET; THENCE SOUTH 20°43'11" A DISTANCE OF 204.40 FEET; THENCE SOUTH 17°38'05" EAST A DISTANCE OF 201.20 FEET; THENCE SOUTH 21°03'49" EAST A DISTANCE OF 200.35 FEET; THENCE SOUTH 20°17'47" EAST A DISTANCE OF 197.70 FEET; THENCE SOUTH 20°30'17" EAST A DISTANCE OF 196.79; THENCE SOUTH 21°22'12" EAST A DISTANCE OF 202.72 FEET; THENCE SOUTH 23°22'03" EAST A DISTANCE OF 229.47 FEET AND THE POINT OF TERMINATION OF THE AFOREMENTIONED MEAN HIGH WATER LINE, SAID POINT HAVING COORDINATES OF NORTH 1851684.15 FEET AND EASTING OF 623646.18. MEAN HIGH WATER LINE AS DESCRIBED HAVING A TOTAL LENGTH OF 3454 FEET MORE OR LESS.

### APPROVALS

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

KNOW ALL PERSONS BY THESE PRESENTS: THAT THE CHIEF OF THE BUREAU OF SURVEY AND MAPPING OF THE DIVISION OF LANDS, DEPARTMENT OF ENVIRONMENTAL PROTECTION OF THE STATE OF FLORIDA HEREBY APPROVES THIS PLAT.

DATED AT \_\_\_\_\_ THIS \_\_\_\_ DAY OF \_\_\_\_\_, 2019.

W. LAMAR EVERS  
BUREAU OF SURVEY AND MAPPING

### CERTIFICATE OF ACCEPTANCE AND RECORDING OF COUNTY CLERK

ACCEPTED FOR FILES AND RECORDING IN THE PUBLIC RECORDS OF FLAGLER COUNTY, FLORIDA, THE \_\_\_\_\_ DAY OF \_\_\_\_\_, 2019 IN PLAT BOOK \_\_\_\_\_ PAGES \_\_\_\_\_, PURSUANT TO THE PROVISIONS OF CHAPTER 161.181 FLORIDA STATUTES.

CLERK OF THE COURT

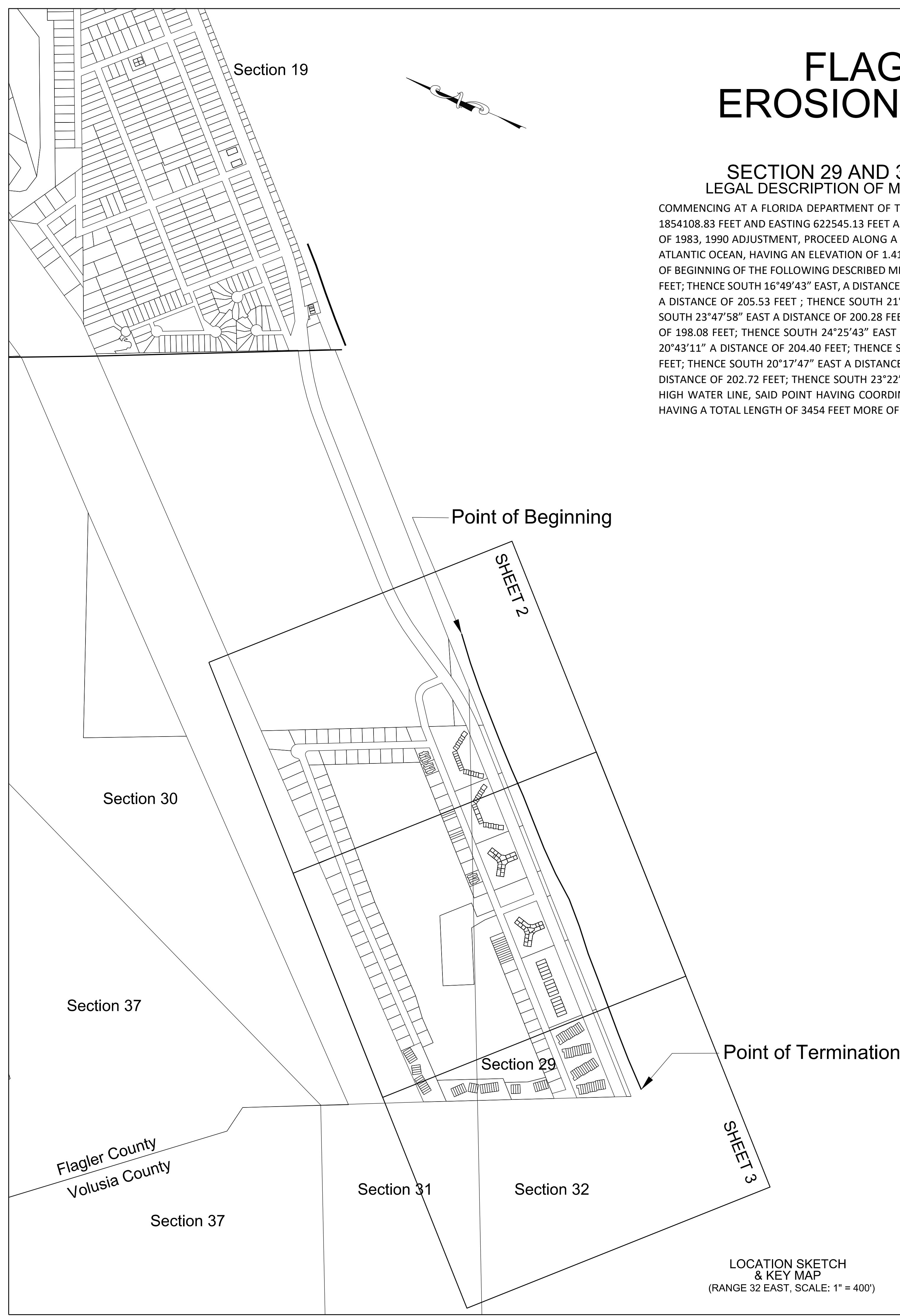
### NOTES:

- THE BEARINGS AND COORDINATES SHOWN HEREON ARE BASED ON THE FLORIDA STATE PLANE SYSTEM, EAST ZONE (0901), RELATIVE TO THE NAD83/90 ADJUSTMENT, US SURVEY FOOT.
- THE ELEVATIONS SHOWN HEREON ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AND ARE BASED ON FOUND DEP CONTROL MONUMENTATION. FOUND DEP CONTROL MONUMENTATION DEPICTED IN CONTROL TABULATION.
- THE MEAN HIGH WATER LINE WAS FIELD SURVEYED ON 11 JULY, 2019. THE MEAN HIGH WATER LINE AND THE EROSION CONTROL LINE ARE ONE AND THE SAME.
- THE HORIZONTAL AND VERTICAL LOCATION OF THE MEAN HIGH WATER LINE SHOWN HEREON WAS DETERMINED UTILIZING REAL TIME KINEMATIC (RTK) SURVEYING PROCEDURES. BASE STATION CORRECTIONS WERE GENERATED FROM FOUND DEP SECOND ORDER CONTROL "A" MONUMENTATION AND VERIFIED TO SAME.
- THE MEAN HIGH WATER LINE ELEVATION IS 1.41 FEET (NAVD88) PER MEAN HIGH WATER SURVEY PROCEDURAL APPROVAL DATED JUNE 19, 2019.
- THE MEAN HIGH WATER LINE SURVEY DEPICTED HEREON COMPLIES WITH CHAPTER 177, PART II, FLORIDA STATUTES AND IS RECORDED IN THE PUBLIC REPOSITORY OF THE FLORIDA DEP BUREAU OF SURVEY AND MAPPING AS MEAN HIGH WATER FILE NO. 7460.
- PARCEL IDENTIFICATION WAS OBTAINED FROM THE FLAGLER COUNTY PROPERTY APPRAISER INTERACTIVE WEB SITE. PARCEL, SECTION, TOWNSHIP AND RANGE LINES ARE SCALE ACCURATE (NOT FIELD LOCATED).
- NO TITLE SEARCH, TITLE OPINION, OR ABSTRACT WAS PERFORMED NOR PROVIDED TO THIS FIRM FOR THE PARCELS SHOWN HEREON. THERE MAY BE DEEDS OF RECORD, UNRECORDED DEEDS, EASEMENTS, RIGHTS-OF-WAY, BUILDING SETBACKS, RESTRICTIVE COVENANTS, OR OTHER INSTRUMENTS WHICH COULD AFFECT THE BOUNDARIES OF USE OF THE SUBJECT PROPERTY.
- THE AERIAL PHOTOGRAPHY SHOWN HEREON WAS OBTAINED FROM LABINS AND DATED MAY 2017.
- BEACH DESIGN ELEMENTS PROVIDED BY OLSEN ASSOCIATES, INC.

### MEAN HIGH WATER LINE LOCATION TABLE

ID	EASTING	NORTHING	ELEV.
2178	1854687.72	622442.68	1.41
2179	1854499.70	622508.46	1.41
2180	1854308.08	622582.80	1.41
2181	1854121.63	622656.68	1.41
2182	1853936.45	622733.04	1.41
2183	1853753.20	622813.85	1.41
2184	1853568.21	622887.35	1.41
2185	1853384.14	622960.50	1.41
2186	1853203.57	623042.52	1.41
2187	1853023.23	623138.51	1.41
2188	1852832.05	623210.82	1.41
2189	1852640.30	623271.78	1.41
2190	1852453.34	623343.78	1.41
2191	1852267.91	623412.36	1.41
2192	1852083.59	623481.30	1.41
2193	1851894.80	623555.17	1.41

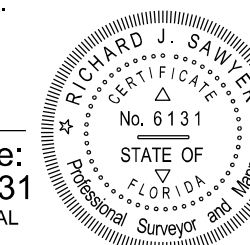
LOCATION SKETCH  
& KEY MAP  
(RANGE 32 EAST, SCALE: 1" = 400')



### CERTIFICATION:

I HEREBY CERTIFY THAT THE ATTACHED MEAN HIGH WATER SURVEY AND EROSION CONTROL LINE IS AN ACCURATE REPRESENTATION OF SAID LINE AS RECENTLY SURVEYED UNDER MY PERSONAL DIRECTION ON 11 JULY, 2019 AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND MEETS THE STANDARDS OF PRACTICE SET FORTH IN CHAPTER 5J-17 ADOPTED BY THE FLORIDA BOARD OF LAND SURVEYORS PURSUANT TO SECTION 472-027 OF THE FLORIDA STATUTES AND THE MEAN HIGH WATER SURVEY DEPICTED HEREON COMPLIES WITH CHAPTER 177, PART II OF THE FLORIDA STATUTES, AND IS RECORDED IN THE PUBLIC REPOSITORY OF THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION MEAN HIGH WATER SURVEY FILE NUMBER 7337.

Richard J. Sawyer Date: \_\_\_\_\_  
Professional Surveyor and Mapper No. 6131

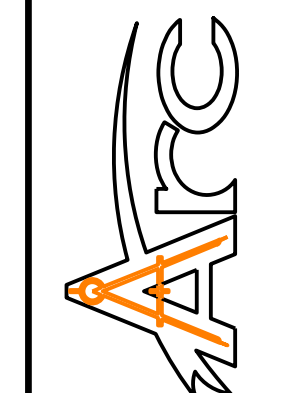


DATE	BY	REVISION

Project Title:  
Erosion Control Line Survey  
Flagler County R-98.2 to R-101

Prepared For:  
**olsen associates, Inc.**  
2618 Herschel St.  
Jacksonville, Florida 32204

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



LB No. 6487  
Drawn By: R. SAWYER  
Scale: SEE SHEET  
Plot Date: 01/21/20  
ARC Project No.: 19-11-07  
SHEET: 1 OF 3



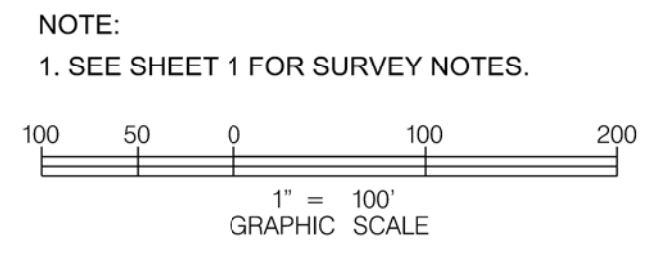
**LEGEND**

- MHWL LOCATION POINT
- ▲ SURVEY CONTROL MONUMENT
- BEACH PROFILE ORIGIN POINT
- (20) PARCEL ID NUMBER

PROFILE ORIGIN POINTS	NORTHING	EASTING	ELEVATION (NAVD88)
R097	1,855,172.1	622,026.9	18.51
R098	1,854,295.6	622,468.5	19.25
R099	1,853,412.7	622,823.9	18.35
R100	1,852,534.3	623,188.8	16.95
R101	1,851,502.8	623,590.2	18.41

SURVEY CONTROL	NORTHING	EASTING	ELEVATION (NAVD88)
73 77 A01 F101	1,854,108.93	622,545.25	18.75
SMITH 1934 0008	1,851,279.78	623,595.95	19.19

Parcel Map ID	Parcel County ID	Parcel Owner	ADDRESS	CITY NAME	State	ZIP CODE
277	30-12-32-0000-01030-0020	TITF/DNR-DIV REC & PARKS FLAGLER BEACH STATE PARK C/D DEP	3900 COMMONWEALTH BLVD	TALLAHASSEE	FL	32399
278	29-12-32-0000-00010-0010	CITY OF FLAGLER BEACH	105 SOUTH 2ND ST P O BOX 70	FLAGLER BEACH	FL	32138
279	29-12-32-4900-00000-0000	OCEAN BEACH CLUB I				
280	29-12-32-4900-00000-0000	OCEAN BEACH CLUB II CONDO				
281	29-12-32-0000-01032-0000	MOONLIGHT BEACH LLC	600 SWEETWATER BAY COURT	LONGWOOD	FL	32779
282	29-12-32-4900-00000-0000	OCEAN VIEW MANOR CONDO				
283	29-12-32-0000-01034-0010	CITY OF FLAGLER BEACH	105 SOUTH 2ND ST P O BOX 70	FLAGLER BEACH	FL	32138
295	29-12-32-1210-00000-0000	COSTA DEL SOL OF FLAGLER BEACH HOMEOWNERS ASSOCIATION INC				
296	29-12-32-4570-00000-0000	NAUTILUS CONDO				

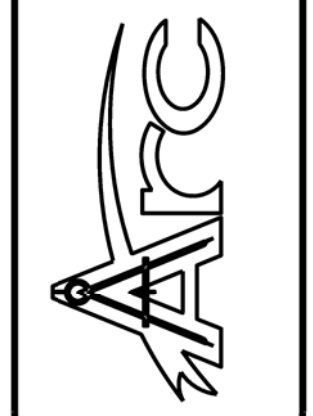


DATE	BY	REVISION

Project Title:  
Erosion Control Line Survey  
Flagler County R-98.2 to R-101

Prepared For:  
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2618 Hirschel St.  
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LB No. 6487  
Drawn By: R. SAWYER  
Scale: SEE SHEET  
Plot Date: 01/21/20  
ARC Project No.:  
19-11-07  
SHEET: 2 OF 3



**LEGEND**

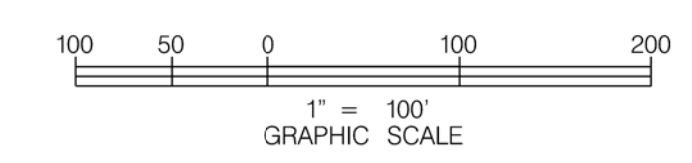
- MHWL LOCATION POINT
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R098	1,854,295.6	622,468.5	19.25
R099	1,853,412.7	622,823.9	18.35
R100	1,852,534.3	623,188.8	16.95
R101	1,851,502.8	623,590.2	18.41

SURVEY CONTROL	NORTHING	EASTING	ELEVATION (NAVD88)
73 77 A01 F101	1,854,108.93	622,545.25	18.75
SMITH 1934 0008	1,851,279.78	623,595.95	19.19

Parcel Map ID	Parcel County ID	Parcel Owner	ADDRESS	CITY NAME	State	ZIPCODE
277	30-12-32-0000-01030-0020	THIT/DNR-DIV REC & PARKS FLAGLER BEACH STATE PARK E/O DEP	3900 COMMONWEALTH BLVD	TALLAHASSEE	FL	32399
278	29-12-32-0000-00010-0010	CITY OF FLAGLER BEACH	105 SOUTH 2ND ST P O BOX 70	FLAGLER BEACH	FL	32136
279	29-12-32-4900-00000-0000	OCEAN BEACH CLUB I				
280	29-12-32-4910-00000-0000	OCEAN BEACH CLUB II CONDO				
281	29-12-32-0000-01032-0000	MOONLIGHT BEACH LLC	600 SWEETWATER BAY COURT	LONGWOOD	FL	32775
282	29-12-32-4990-00000-0000	OCEAN VIEW MANOR CONDO				
283	29-12-32-0000-01034-0010	CITY OF FLAGLER BEACH	105 SOUTH 2ND ST P O BOX 70	FLAGLER BEACH	FL	32136
295	29-12-32-1210-00000-0000	COSTA DEL SOL OF FLAGLER BEACH HOMEOWNERS ASSOCIATION INC				
296	29-12-32-4570-00000-0000	NAUTILUS CONDO				

NOTE:  
1. SEE SHEET 1 FOR SURVEY NOTES.

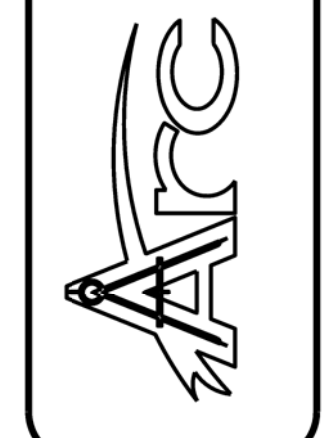


DATE	BY	REVISION

Project Title:  
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Flagler County R-98.2 to R-101

Prepared For:  
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LB No. 6487  
Drawn By: R. SAWYER  
Scale: SEE SHEET  
Plot Date: 01/21/20  
ARC Project No.:  
19-11-07  
SHEET: 3 OF 3

## NOTICE OF PUBLIC WORKSHOP & HEARING

Notice is hereby given that the Board of Trustees of the Internal Improvement Trust Fund of the State of Florida is proposing the establishment of an Erosion Control Line, pursuant to Section 161.161, Florida Statutes. A designee of the Board of Trustees of the Internal Improvement Trust Fund will hold a Public Workshop and a Public Hearing immediately following the Workshop at the Government Services Complex, 1769 E. Moody Boulevard, Building 2, Board Chambers, Bunnell, FL 32110, Flagler County on Thursday, February 13, 2020, held at 6:00 PM and ending at 7:30 PM for the purpose of considering evidence bearing on the location of a proposed Erosion Control Line for the beach erosion control project known as Flagler County, Florida Dune/Beach Restoration Project.

This Workshop is the public's opportunity to ask questions about the proposed erosion control line. This Hearing is the public's opportunity to comment on, speak in support of, object to, and submit for consideration materials relevant to the methodology used for locating the proposed Erosion Control Line and relevant to the location of the proposed Erosion Control Line.

If approved by the Board of Trustees, the Erosion Control Line will be recorded in the County's Book of Plats and will become the boundary between private uplands and sovereign submerged lands owned by the state.

The proposed Erosion Control Line, consisting of three (3) segments, lies along FLAGLER BEACH fronting the Atlantic Ocean at the line of mean high water.

In the first segment near FDEP Range Survey Monuments R-68.9 to R-79.8, the Erosion Control Line lies in Section 36, Township 11 South, Range 31 East, along with Sections 12 & 1, Township 12 South, Range 31 East in Flagler County, Florida, and is described as follows:

### Legal Description

COMMENCING AT COAST AND GEODETIC SURVEY DISK IN CONCRETE STAMPED "T 320 1970", HAVING COORDINATES OF NORTHING 1878592.16 FEET AND EASTING 612453.02 FEET AS REFERENCED TO THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983, 1990 ADJUSTMENT, PROCEED ALONG A BEARING OF NORTH 13°22'19" WEST, A DISTANCE OF 1113.35 FEET TO THE MEAN HIGH WATER LINE OF THE ATLANTIC OCEAN, HAVING AN ELEVATION OF 1.41 FEET AS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988, SAID POINT BEING THE POINT OF BEGINNING OF THE FOLLOWING DESCRIBED MEAN HIGH WATER LINE, AND HAVING COORDINATES OF NORTH 1879675.33 FEET AND EASTING OF 612195.53 FEET; THENCE SOUTH 23°54'43" EAST, A DISTANCE OF 122.83 FEET; THENCE SOUTH 23°40'20" EAST, A DISTANCE OF 194.54 FEET; THENCE SOUTH 24°25'39" EAST, A DISTANCE OF 214.57 FEET; THENCE SOUTH 22°58'07" EAST, A DISTANCE OF 201.66 FEET; THENCE SOUTH 22°32'37" EAST, A DISTANCE OF 202.49 FEET; THENCE SOUTH 21°42'29" EAST, A DISTANCE OF 201.25 FEET, SAID POINT BEING A DISTANCE OF 193.61 FEET FROM A COAST AND GEODETIC SURVEY DISK IN CONCRETE STAMPED "T 320 1970" ALONG A BEARING OF SOUTH 78°46'42" WEST; THENCE SOUTH 24°02'43" EAST, A DISTANCE OF 212.40 FEET; THENCE SOUTH 24°07'07" EAST, A DISTANCE OF 204.04 FEET; THENCE SOUTH 24°21'35" EAST, A DISTANCE OF 195.46 FEET; THENCE SOUTH 22°32'57" EAST, A DISTANCE OF 200.20 FEET; THENCE SOUTH 23°16'15" EAST, A DISTANCE OF 197.56 FEET; THENCE SOUTH 22°09'38" EAST, A DISTANCE OF 202.45 FEET, SAID POINT BEING A DISTANCE OF 143.50 FEET FROM A FLORIDA DEPARTMENT OF TRANSPORTATION DISK IN CONCRETE STAMPED "73 77 A10" ALONG A BEARING OF NORTH 86°53'36" WEST; THENCE SOUTH 25°39'58" EAST, A DISTANCE OF 201.60 FEET; THENCE SOUTH 23°03'53" EAST, A DISTANCE OF 194.90 FEET; THENCE SOUTH 22°44'46" EAST, A DISTANCE OF 199.79 FEET; THENCE SOUTH 23°53'28" EAST, A DISTANCE OF 224.00 FEET;

THENCE SOUTH 23°14'18" EAST, A DISTANCE OF 206.87 FEET; THENCE SOUTH 23°29'50" EAST, A DISTANCE OF 194.28 FEET; THENCE SOUTH 22°06'38" EAST, A DISTANCE OF 209.80 FEET; THENCE SOUTH 23°57'49" EAST, A DISTANCE OF 201.94 FEET; THENCE SOUTH 23°28'38" EAST, A DISTANCE OF 202.99 FEET; THENCE SOUTH 23°47'01" EAST, A DISTANCE OF 207.95 FEET; THENCE SOUTH 23°24'15" EAST, A DISTANCE OF 194.30 FEET; THENCE SOUTH 22°51'51" EAST, A DISTANCE OF 205.63 FEET; THENCE SOUTH 23°27'04" EAST, A DISTANCE OF 190.13 FEET; THENCE SOUTH 21°42'10" EAST, A DISTANCE OF 199.34 FEET; THENCE SOUTH 21°33'16" EAST, A DISTANCE OF 209.02 FEET; THENCE SOUTH 22°33'38" EAST, A DISTANCE OF 201.25 FEET; THENCE SOUTH 23°42'24" EAST, A DISTANCE OF 196.37 FEET, SAID POINT BEING A DISTANCE OF 164.19 FEET FROM A FLORIDA DEPARTMENT OF NATURAL RESOURCES DISK IN CONCRETE STAMPED "R-75 FLAG 72" ALONG A BEARING OF SOUTH 46°27'16" WEST; THENCE SOUTH 24°51'18" EAST, A DISTANCE OF 204.73 FEET; THENCE SOUTH 23°36'03" EAST, A DISTANCE OF 208.30 FEET; THENCE SOUTH 22°16'48" EAST, A DISTANCE OF 202.10 FEET; THENCE SOUTH 23°12'25" EAST, A DISTANCE OF 215.29 FEET; THENCE SOUTH 23°20'19" EAST, A DISTANCE OF 201.72 FEET; THENCE SOUTH 23°40'15" EAST, A DISTANCE OF 190.09 FEET; THENCE SOUTH 23°08'30" EAST, A DISTANCE OF 205.93 FEET; THENCE SOUTH 24°31'07" EAST, A DISTANCE OF 208.34 FEET; THENCE SOUTH 24°46'00" EAST, A DISTANCE OF 194.39 FEET; THENCE SOUTH 20°53'20" EAST, A DISTANCE OF 196.33 FEET; THENCE SOUTH 20°25'41" EAST, A DISTANCE OF 198.65 FEET; THENCE SOUTH 21°50'28" EAST, A DISTANCE OF 210.72 FEET; THENCE SOUTH 22°41'27" EAST, A DISTANCE OF 217.31 FEET; THENCE SOUTH 19°35'30" EAST, A DISTANCE OF 199.03 FEET; THENCE SOUTH 21°40'05" EAST, A DISTANCE OF 208.43 FEET; THENCE SOUTH 24°35'01" EAST, A DISTANCE OF 194.64 FEET, SAID POINT BEING A DISTANCE OF 168.69 FEET FROM A FLORIDA DEPARTMENT OF TRANSPORTATION DISK IN CONCRETE STAMPED "73 77 A08 RM NO2" ALONG A BEARING OF SOUTH 15°33'26" WEST; THENCE SOUTH 25°12'05" EAST, A DISTANCE OF 212.96 FEET; THENCE SOUTH 26°49'49" EAST, A DISTANCE OF 219.58 FEET; THENCE SOUTH 30°32'20" EAST, A DISTANCE OF 222.50 FEET; THENCE SOUTH 23°16'08" EAST, A DISTANCE OF 210.86 FEET; THENCE SOUTH 22°52'17" EAST, A DISTANCE OF 200.76 FEET; THENCE SOUTH 18°27'16" EAST, A DISTANCE OF 205.41 FEET; THENCE SOUTH 20°13'01" EAST, A DISTANCE OF 179.09 FEET SAID POINT BEING 1322.49 FEET FROM A FLORIDA DEPARTMENT OF TRANSPORTATION DISK IN CONCRETE STAMPED ""73 77 A08 RM NO2"" ON A BEARING OF NORTH 28°45'40" WEST AND THE POINT OF TERMINATION. MEAN HIGH WATER LINE AS DESCRIBED HAVING A TOTAL LENGTH OF 10,496.76 FEET MORE OF LESS.

TOGETHER WITH:

In the second segment near FDEP Range Survey Monuments R-94.2 to R-94.8, the Erosion Control Line lies in Section 19, Township 12 South, Range 32 East in Flagler County, Florida, and is described as follows:

#### Legal Description

COMMENCING AT A FLORIDA DEPARTMENT OF TRANSPORTATION DISK IN CONCRETE DESIGNATED "73 77 A04 F104" HAVING COORDINATES OF NORTHING 1857619.41 FEET AND EASTING 621175.38 FEET AS REFERENCED TO THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983, 1990 ADJUSTMENT, PROCEED ALONG A BEARING OF NORTH 79°11'55" EAST, A DISTANCE OF 121.95 FEET TO THE MEAN HIGH WATER LINE OF THE ATLANTIC OCEAN, HAVING AN ELEVATION OF 1.41 FEET AS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988, SAID POINT BEING THE POINT OF BEGINNING OF THE FOLLOWING DESCRIBED MEAN HIGH WATER LINE, AND HAVING COORDINATES OF NORTH 1857642.26 FEET AND EASTING OF 621295.17 FEET; THENCE SOUTH 21°19'52" EAST, A DISTANCE OF 163.70 FEET; THENCE SOUTH 19°01'36" EAST A DISTANCE OF 203.87 FEET; THENCE SOUTH 20°01'59" EAST A DISTANCE OF 197.36 FEET ; THENCE SOUTH 21°34'47" EAST AND THE POINT OF TERMINATION OF THE AFOREMENTIONED MEAN HIGH WATER LINE, SAID POINT

HAVING COORDINATES OF NORTH 1856924.20 FEET AND EASTING OF 621562.92. MEAN HIGH WATER LINE AS DESCRIBED HAVING A TOTAL LENGTH OF 766 FEET MORE OF LESS.

TOGETHER WITH:

In the third segment near FDEP Range Survey Monuments R-98.2 to R-101, the Erosion Control Line lies in Sections 29 & 30, Township 12 South, Range 32 East in Flagler County, Florida, and is described as follows:

Legal Description

COMMENCING AT A FLORIDA DEPARTMENT OF TRANSPORTATION DISK IN CONCRETE DESIGNATED "73 77 A01 F101" HAVING COORDINATES OF NORTHING 1854108.83 FEET AND EASTING 622545.13 FEET AS REFERENCED TO THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983, 1990 ADJUSTMENT, PROCEED ALONG A BEARING OF NORTH 11°51'23" WEST, A DISTANCE OF 802.15 FEET TO THE MEAN HIGH WATER LINE OF THE ATLANTIC OCEAN, HAVING AN ELEVATION OF 1.41 FEET AS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988, SAID POINT BEING THE POINT OF BEGINNING OF THE FOLLOWING DESCRIBED MEAN HIGH WATER LINE, AND HAVING COORDINATES OF NORTH 1854893.87 FEET AND EASTING OF 622380.33 FEET; THENCE SOUTH 16°49'43" EAST, A DISTANCE OF 215.37 FEET; THENCE SOUTH 19°16'59" EAST A DISTANCE OF 199.20 FEET; THENCE SOUTH 21°12'18" EAST A DISTANCE OF 205.53 FEET ; THENCE SOUTH 21°36'58" A DISTANCE OF 200.55 FEET; THENCE SOUTH 22°24'27" EAST A DISTANCE OF 200.30 FEET; THENCE SOUTH 23°47'58" EAST A DISTANCE OF 200.28 FEET; THENCE SOUTH 21°40'13" EAST A DISTANCE OF 199.05 FEET; THENCE SOUTH 21°40'20" EAST A DISTANCE OF 198.08 FEET; THENCE SOUTH 24°25'43" EAST A DISTANCE OF 198.32 FEET; THENCE SOUTH 28°01'26" EAST A DISTANCE OF 204.30 FEET; THENCE SOUTH 20°43'11" A DISTANCE OF 204.40 FEET; THENCE SOUTH 17°38'05" EAST A DISTANCE OF 201.20 FEET; THENCE SOUTH 21°03'49" EAST A DISTANCE OF 200.35 FEET; THENCE SOUTH 20°17'47" EAST A DISTANCE OF 197.70 FEET; THENCE SOUTH 20°30'17" EAST A DISTANCE OF 196.79; THENCE SOUTH 21°22'12" EAST A DISTANCE OF 202.72 FEET; THENCE SOUTH 23°22'03" EAST A DISTANCE OF 229.47 FEET AND THE POINT OF TERMINATION OF THE AFOREMENTIONED MEAN HIGH WATER LINE, SAID POINT HAVING COORDINATES OF NORTH 1851684.15 FEET AND EASTING OF 623646.18. MEAN HIGH WATER LINE AS DESCRIBED HAVING A TOTAL LENGTH OF 3454 FEET MORE OF LESS.

After the Hearing, and if approved by the Board of Trustees' designee the Erosion Control Line will be recorded in the County's Book of Plats and will become the boundary between private uplands and sovereign submerged lands owned by the state. Written objections to, or inquiries regarding, the proposed Erosion Control Line should be submitted to the Division of Water Resource Management – Beaches, Inlets and Ports Program, Department of Environmental Protection, c/o William Guy Weeks, 2600 Blair Stone Road, Mail Station 3590, Tallahassee, Florida 32399-2400, (850) 245-7696, e-mail: [william.weeks@FloridaDEP.gov](mailto:william.weeks@FloridaDEP.gov), prior to the date mentioned above. The Board of Trustees of the Internal Improvement Trust Fund of the State of Florida reserves the right to deny establishment of the Erosion Control Line.

BY ORDER OF THE BOARD OF TRUSTEES  
OF THE INTERNAL IMPROVEMENT TRUST  
FUND OF THE STATE OF FLORIDA  
RON DESANTIS, GOVERNOR



## **Erosion Control Line Information**

Prior to beach erosion control projects in the State of Florida, an Erosion Control Line (ECL) must be established along the shoreline to define the property boundary between sovereign submerged land and upland ownership. In discharging its statutory duties to establish these boundary lines, coordination activities must occur with the Florida Department of Environmental Protection's Division of Water Resource Management (DWRM), Division of State Lands (DSL) - Bureau of Survey & Mapping (BSM), Office of General Counsel (OGC), local sponsors, consultants and surveyors. There are several steps one must follow to establish an erosion control line that can be found in the ECL checklist document. To view existing operative erosion control lines, please see the [OCULUS](#) electronic document management system, a FDEP database. To learn about beach restoration project information, see the [Strategic Beach Management Plan \(SBMP\)](#).

The Statutory and Rule Authority for Erosion Control Lines are the following:

- 161.141 F.S., Beach Restoration Projects \*
- 161.151 F. S., Definitions
- 161.161 F.S., Procedure for Approval of Beach Restoration Projects
- 161.181 F.S., Recording procedures for ECL's
- 161.191 F.S., Vesting of Title to Lands
- 161.201 F.S., Preservation of Common-Law Rights
- 161.211 F.S., Cancellation of Resolution for Nonperformance
- 177 F.S., Land Boundaries and Coastal Mapping \*
- [253.12-5\(B\) F.S.](#), Sovereign Submerged Lands
- [18-21 F.A.C.](#), Sovereign Submerged Lands Management



- [5J-17 F.A.C.](#), Standards of Practice / Minimum Technical Standards (MTS) for Surveyors and Mappers
- [62B-41.008 F.A.C.](#), Joint Coastal Permit Application Requirements and Procedures

\*Actual Florida Statute language for 161 and 177 are written below.

**Acronyms:**

- [FDEP – Florida Department of Environmental Protection](#)
- [CE – Critical Erosion](#)
- [BIPP – Beaches, Inlets and Ports Program](#)
- [BSM – Bureau of Survey and Mapping](#)
- [CCCL – Coastal Construction Control Line](#)
- [DSL – Division of State Lands](#)
- [DWRM – Division of Water Resource Management](#)
- ECL – Erosion Control Line
- [JCP – Joint Coastal Permit](#)
- [LABINS – Land Boundary Information System](#)
- MHWL – Mean High Water Line
- [OGC – Office of General Counsel](#)
- PSM – Professional Surveyor and Mapper
- [SBMP – Strategic Beach Management Plan](#)
- TIITF – Trustees of the Internal Improvement Trust Fund
- USACE - United States Army Corps of Engineers - Jacksonville
- USACE - United States Army Corps of Engineers - Mobile

**You need an erosion control line (ECL), when the following applies:**

- The project is authorized and defined by Congress/US Army Corps (USACE) or State as a beach restoration project.
- The project advances the mean high water line (immediately or over time).
- The project has a signed and dated local resolution; and
- To establish an ECL, the project must be located along FDEP designated “critically eroded beach”.
- Projects facing an inlet shoreline or locally/ privately funded projects will be examined by the Department on a case by case basis to determine the classification of the ECL as a standard ECL or just a MHWL survey and possible “Boundary Line Agreement” (BLA).
- A MHWL survey (required) and a possible BLA accomplishes the same objective as an ECL, but does not require a public workshop and hearing, since no state monies would be used to construct the beach restoration project.

**You don't need an erosion control line (ECL) when the following applies:**

- The dune project is seeking a coastal construction control line (CCCL) permit.
- The construction plans for the dune project have demonstrated that the mean high water line (MHWL) will not be advanced nor has an adverse impact on offshore resources through the equilibration process post construction.
- The beach project is the result of an inlet or navigation channel maintenance dredging disposal and has not been defined as an authorized beach project by Congress/ USACE or State, see Section 161.141 F.S. This applies even if the project is being permitted through a joint coastal permit (JCP); or
- If the project is constructed along a “non-critically eroded beach” and advances the MHWL seaward or is affecting offshore resources, then a MHWL survey is required & a BLA may be required.

**Timeline:**

The ECL should represent the current conditions of the Mean High Water Line (MHWL) before construction is initiated:

- The MHWL survey should not be more than approximately 6 months old at the time of the ECL hearing. If the MHWL survey is several months beyond six months old at the time of the hearing, the DSL/ BSM or the DWRM may not accept the survey and if necessary, request that the MHWL survey be resurveyed and resubmitted to the Department so it will be reflective of current coastal conditions before construction of the beach restoration project.
- Department staff, local government officials and the consultant should consider the risk of recording an ECL, if the project is not ready to be constructed within a two-year time period after the workshop/ hearing. Therefore, it is recommended that the MHWL survey not be recorded in the County's Clerk of Court as an ECL, if it is known that the beach restoration project's permit will be petitioned and/or construction will be delayed for longer than a two-year time period. Therefore, the project should be planned for construction within two years of the recorded ECL. If the project is not constructed within two years of the ECL recording, the ECL may need to be cancelled and vacated; re-established and resubmitted based on a current MHWL survey. ECL's need to be consistent with 161.211 F.S.
- The MHWL Survey, ECL process and the recording of the new ECL takes approximately 6 months to 1 year to perform all of the listed tasks described in the ECL checklist. Best case scenario, the process will take approximately 6 months, however many items can potentially develop that may delay the process and the final recording of the ECL may take 1 year or in some cases 2 years. Just as you have delays in a construction schedule, similar delays may potentially develop with the ECL process.

## **Florida Statutes**

(2018)

### **Chapter 161**

#### **BEACH AND SHORE PRESERVATION**

##### **Erosion Control Lines:**

**161.141 Property rights of state and private upland owners in beach restoration project areas.**— The Legislature declares that it is the public policy of the state to cause to be fixed and determined, pursuant to beach restoration, beach nourishment, and erosion control projects, the boundary line between sovereignty lands of the state bordering on the Atlantic Ocean, the Gulf of Mexico, or the Straits of Florida, and the bays, lagoons, and other tidal reaches thereof, and the upland properties adjacent thereto; except that such boundary line shall not be fixed for beach restoration projects that result from inlet or navigation channel maintenance dredging projects unless such projects involve the construction of authorized beach restoration projects. However, prior to construction of such a beach restoration project, the board of trustees must establish the line of mean high water for the area to be restored; and any additions to the upland property landward of the established line of mean high water which result from the restoration project remain the property of the upland owner subject to all governmental regulations and are not to be used to justify increased density or the relocation of the coastal construction control line as may be in effect for such upland property. The resulting additions to upland property are also subject to a public easement for traditional uses of the sandy beach consistent with uses that would have been allowed prior to the need for the restoration project. It is further declared that there is no intention on the part of the state to extend its claims to lands not already held by it or to deprive any upland or submerged land owner of the legitimate and constitutional use and enjoyment of his or her property. If an authorized beach restoration, beach nourishment, and erosion control project cannot reasonably be accomplished without the taking of private property, the taking must be made by the requesting authority by eminent domain proceedings. In any action alleging a taking of all or part of a property or property right as a result of a beach restoration project, in determining whether such taking has occurred or the value of any damage alleged with respect to the owner's remaining upland property adjoining the beach restoration project, the enhancement, if any, in value of the owner's remaining adjoining property of the

upland property owner by reason of the beach restoration project shall be considered. If a taking is judicially determined to have occurred as a result of a beach restoration project, the enhancement in value to the owner's remaining adjoining property by reason of the beach restoration project shall be offset against the value of the damage, if any, resulting to such remaining adjoining property of the upland property owner by reason of the beach restoration project, but such enhancement in the value shall not be offset against the value of the property or property right alleged to have been taken. If the enhancement in value shall exceed the value of the damage, if any, to the remaining adjoining property, there shall be no recovery over against the property owner for such excess.

History.—s. 1, ch. 70-276; s. 1, ch. 79-233; s. 1, ch. 82-144; s. 7, ch. 86-138; s. 18, ch. 87-97; ss. 28, 487, ch. 94-356; s. 1439, ch. 95-147; s. 11, ch. 2000-346; s. 3, ch. 2007-99.

**161.151 Definitions; ss. 161.141-161.211.**—As used in ss. 161.141-161.211:

(1) "Board of trustees" means the Board of Trustees of the Internal Improvement Trust Fund.

(2) "Requesting authority" means any coastal county, municipality, or beach erosion control district which requests a survey by the board of trustees under the provisions of ss. 161.141-161.211.

(3) "Erosion control line" means the line determined in accordance with the provisions of ss. 161.141-161.211 which represents the landward extent of the claims of the state in its capacity as sovereign titleholder of the submerged bottoms and shores of the Atlantic Ocean, the Gulf of Mexico, and the bays, lagoons and other tidal reaches thereof on the date of the recording of the survey as authorized in s. 161.181.

(4) "Authorized beach restoration project" means a beach project authorized by the United States Congress or the department which involves a specific project engineering design and a project maintenance program for a period of not less than 10 years.

**History.**—s. 2, ch. 70-276; s. 1, ch. 70-439; s. 2, ch. 82-144.

**161.161 Procedure for approval of projects.-**

(1) The department shall develop and maintain a comprehensive long-term management plan for the restoration and maintenance of the state's critically eroded

beaches fronting the Atlantic Ocean, Gulf of Mexico, and Straits of Florida. The beach management plan shall:

- (a) Address long-term solutions to the problem of critically eroded beaches in this state.
- (b) Evaluate each improved, modified, or altered inlet and determine whether the inlet is a significant cause of beach erosion. With respect to each inlet determined to be a significant cause of beach erosion, the plan shall include:
  - 1. The extent to which such inlet causes beach erosion and recommendations to mitigate the erosive impact of the inlet, including, but not limited to, recommendations regarding inlet sediment bypassing; modifications to channel dredging, jetty design, and disposal of spoil material; establishment of feeder beaches; and beach restoration and beach nourishment; and
  - 2. Cost estimates necessary to take inlet corrective measures and recommendations regarding cost sharing among the beneficiaries of such inlet.
- (c) Design criteria for beach restoration and beach nourishment projects, including, but not limited to:
  - 1. Dune elevation and width and revegetation and stabilization requirements; and
  - 2. Beach profile.
- (d) Evaluate the establishment of feeder beaches as an alternative to direct beach restoration and recommend the location of such feeder beaches and the source of beach-compatible sand.
- (e) Identify causes of shoreline erosion and change, calculate erosion rates, and project long-term erosion for all major beach and dune systems by surveys and profiles.
- (f) Identify shoreline development and degree of density and assess impacts of development and shoreline protective structures on shoreline change and erosion.
- (g) Identify short-term and long-term economic costs and benefits of beaches, including recreational value to user groups, tax base, revenues generated, and beach acquisition and maintenance costs.
- (h) Study dune and vegetation conditions.
- (i) Identify beach areas used by marine turtles and develop strategies for protection of the turtles and their nests and nesting locations.
- (j) Identify alternative management responses to preserve undeveloped beach and dune systems, to restore damaged beach and dune systems, and to prevent inappropriate development and redevelopment on migrating beaches, and consider

beach restoration and nourishment, armoring, relocation and abandonment, dune and vegetation restoration, and acquisition.

(k) Establish criteria, including costs and specific implementation actions, for alternative management techniques.

(l) Select and recommend appropriate management measures for all of the state's sandy beaches in a beach management program.

(m) Establish a list of beach restoration and beach nourishment projects, arranged in order of priority, and the funding levels needed for such projects.

The beach management plan may be prepared at the regional level based upon areas of greatest need and probable federal funding. Such regional plans shall be components of the statewide beach management plan and shall serve as the basis for state funding decisions upon approval in accordance with chapter 86-138, Laws of Florida. In accordance with a schedule established for the submission of regional plans by the department, any completed plan must be submitted to the secretary of the department for approval no later than March 1 of each year. These regional plans shall include, but shall not be limited to, recommendations of appropriate funding mechanisms for implementing projects in the beach management plan, giving consideration to the use of single-county and multicounty taxing districts or other revenue generation measures by state and local governments and the private sector. Prior to presenting the plan to the secretary of the department, the department shall hold a public meeting in the areas for which the plan is prepared. The plan submission schedule shall be submitted to the secretary for approval. Any revisions to such schedule must be approved in like manner.

(2) Annually, the secretary shall present to the Legislature recommendations for funding beach erosion control projects prioritized according to the criteria established in s. 161.101(14).

(3) Once a project is determined to be undertaken, a survey of all or part of the shoreline within the jurisdiction of the local government in which the beach is located shall be conducted in order to establish the area of beach to be protected by the project and locate an erosion control line. No provision of ss. 161.141-161.211 shall be construed as preventing a local government from participating in the funding of erosion control projects or surveys undertaken in accordance with the provisions of ss. 161.141-161.211. In lieu of conducting a survey, the board of trustees may accept and approve a survey as initiated, conducted, and submitted by the

appropriate local government if said survey is made in conformity with the appropriate principles set forth in ss. 161.141-161.211.

(4) Upon completion of the survey depicting the area of the beach erosion control project and the proposed location of the erosion control line, the board of trustees shall give notice of the survey and the date on which the board of trustees will hold a public hearing for the purpose of receiving evidence on the merits of the proposed erosion control line and, if approval is granted, of locating and establishing such requested erosion control line. Such notice shall be by publication in a newspaper of general circulation published in the county or counties in which the proposed beach erosion control project shall be located not less than once a week for 3 consecutive weeks and by mailing copies of such notice by certified or registered mail to each riparian owner of record of upland property lying within 1,000 feet (radial distance) of the shoreline to be extended through construction of the proposed beach erosion control project, as his or her name and address appear upon the latest tax assessment roll, in order that any persons who have an interest in the location of such requested erosion control line can be present at such hearing to submit their views concerning the precise location of the proposed erosion control line. Such notice shall be in addition to any notice requirement in chapter 120.

(5) The board of trustees shall approve or disapprove the erosion control line for a beach restoration project. In locating said line, the board of trustees shall be guided by the existing line of mean high water, bearing in mind the requirements of proper engineering in the beach restoration project, the extent to which erosion or avulsion has occurred, and the need to protect existing ownership of as much upland as is reasonably possible.

(6) In no event shall the department undertake a beach restoration or beach nourishment project where a local share is required without the approval of the local government or governments responsible for that local share.

(7) The department may adopt rules to administer this section.

History.—s. 3, ch. 70-276; s. 1, ch. 70-439; s. 23, ch. 78-95; s. 2, ch. 79-233; s. 9, ch. 86-138; s. 20, ch. 87-97; s. 29, ch. 94-356; s. 1440, ch. 95-147; s. 6, ch. 96-321; s. 3, ch. 96-371; s. 4, ch. 98-311; s. 12, ch. 2000-346; s. 40, ch. 2010-102.

**161.181 Recording of resolution and survey of board of trustees.**— If no review is taken within the time prescribed from the decision of the board of trustees or, if review be timely taken, in the absence of a final decision of a court of



competent jurisdiction preventing the implementation of a beach erosion control project or invalidating, abolishing, or otherwise preventing the establishment and recordation of the erosion control line as provided herein, the board of trustees shall file in the public records of the county or counties in which the erosion control line lies, a copy of its resolution approving the beach erosion control project and locating the erosion control line and shall also file and cause to be recorded in the book of plats of said county or counties a survey showing the area of beach to be protected and the location of the erosion control line.

History.—s. 5, ch. 70-276; s. 1, ch. 70-439; s. 3, ch. 79-233.

**161.191 Vesting of title to lands.—**

(1) Upon the filing of a copy of the board of trustees' resolution and the recording of the survey showing the location of the erosion control line and the area of beach to be protected as provided in s. 161.181, title to all lands seaward of the erosion control line shall be deemed to be vested in the state by right of its sovereignty, and title to all lands landward of such line shall be vested in the riparian upland owners whose lands either abut the erosion control line or would have abutted the line if it had been located directly on the line of mean high water on the date the board of trustees' survey was recorded.

(2) Once the erosion control line along any segment of the shoreline has been established in accordance with the provisions of ss. 161.141-161.211, the common law shall no longer operate to increase or decrease the proportions of any upland property lying landward of such line, either by accretion or erosion or by any other natural or artificial process, except as provided in s. 161.211(2) and (3). However, the state shall not extend, or permit to be extended through artificial means, that portion of the protected beach lying seaward of the erosion control line beyond the limits set forth in the survey recorded by the board of trustees unless the state first obtains the written consent of all riparian upland owners whose view or access to the water's edge would be altered or impaired.

History.—s. 6, ch. 70-276; s. 1, ch. 70-439; s. 3, ch. 79-233.

**161.201 Preservation of common-law rights.—** Any upland owner or lessee who by operation of ss. 161.141-161.211 ceases to be a holder of title to the mean high-water line shall, nonetheless, continue to be entitled to all common-law riparian rights except as otherwise provided in s. 161.191(2), including but not limited to

rights of ingress, egress, view, boating, bathing, and fishing. In addition the state shall not allow any structure to be erected upon lands created, either naturally or artificially, seaward of any erosion control line fixed in accordance with the provisions of ss. 161.141-161.211, except such structures required for the prevention of erosion. Neither shall such use be permitted by the state as may be injurious to the person, business, or property of the upland owner or lessee; and the several municipalities, counties and special districts are authorized and directed to enforce this provision through the exercise of their respective police powers.

History.—s. 7, ch. 70-276.

**161.211 Cancellation of resolution for nonperformance by board of trustees.—**

(1) If for any reason construction of the beach erosion control project authorized by the board of trustees is not commenced within 2 years from the date of the recording of the board of trustees' survey, as provided in s. 161.181, or in the event construction is commenced but halted for a period exceeding 6 months from commencement, then, upon receipt of a written petition signed by those owners or lessees of a majority of the lineal feet of riparian property which either abuts or would have abutted the erosion control line if the same had been located at the line of mean high water on the date the board of trustees' survey was recorded, the board of trustees shall forthwith cause to be canceled and vacated of record the resolution authorizing the beach erosion control project and the survey locating the erosion control line, and the erosion control line shall be null and void and of no further force or effect.

(2) If the state, county, municipality, erosion control district, or other governmental agency charged with the responsibility of maintaining the protected beach fails to maintain the same and as a result thereof the shoreline gradually recedes to a point or points landward of the erosion control line as established herein, the provisions of s. 161.191(2) shall cease to be operative as to the affected upland.

(3) In the event a substantial portion of the shoreline encompassed within the erosion control project recedes landward of the erosion control line, the board of trustees, on its own initiative, may direct or request, or, upon receipt of a written petition signed by the owners or lessees of a majority of the lineal feet of riparian property lying within the erosion control project, shall direct or request, the agency charged with the responsibility of maintaining the beach to restore the same to the

extent provided for in the board of trustees' recorded survey. If the beach is not restored as directed or requested by the board of trustees within a period of 1 year from the date of the directive or request, the board of trustees shall forthwith cause to be canceled and vacated of record the resolution authorizing the beach erosion control project and the survey locating the erosion control line, and the erosion control line shall be null and void and of no further force or effect.

History.—s. 8, ch. 70-276; s. 1, ch. 70-439; s. 3, ch. 79-233.

## **Chapter 177**

### **LAND BOUNDARIES – Part II -- Coastal Mapping**

**177.25 Short title.**— This part shall be cited as the “Florida Coastal Mapping Act of 1974.”

History.—s. 1, ch. 74-56.

**177.26 Declaration of policy.**— The Legislature recognizes the desirability of confirmation of the mean high-water line, as recognized in the State Constitution and defined in s. 177.27(15) as the boundary between state sovereignty land and uplands subject to private ownership, as well as the necessity for uniform standards and procedures with respect to the establishment of local tidal datums and the determination of the mean high-water and mean low-water lines, and therefore directs that uniform standards and procedures be developed.

History.—s. 2, ch. 74-56; s. 2, ch. 91-56.

**177.27 Definitions.**— The following words, phrases, or terms used herein, unless the context otherwise indicates, shall have the following meanings:

(14) “Mean high water” means the average height of the high waters over a 19-year period. For shorter periods of observation, “mean high water” means the average height of the high waters after corrections are applied to eliminate known variations and to reduce the result to the equivalent of a mean 19-year value.

(15) "Mean high-water line" means the intersection of the tidal plane of mean high water with the shore.

**177.28 Legal significance of the mean high-water line.—**

(1) Mean high-water line along the shores of land immediately bordering on navigable waters is recognized and declared to be the boundary between the foreshore owned by the state in its sovereign capacity and upland subject to private ownership. However, no provision of this part shall be deemed to constitute a waiver of state ownership of sovereignty submerged lands, nor shall any provision of this part be deemed to impair the title to privately owned submerged lands validly alienated by the State of Florida or its legal predecessors.

(2) No provision of this part shall be deemed to modify the common law of this state with respect to the legal effects of accretion, reliction, erosion, or avulsion. History.—s. 4, ch. 74-56.

**177.29 Powers and duties of the department.—**

(1) The provisions of this part shall be administered by the department.

(2) In addition to such powers as may be specifically delegated to it under the provisions of this part, the department is authorized to perform the following functions:

(a) To coordinate the efforts of all public and private agencies and organizations engaged in the making of tidal surveys and maps of the coastal areas of this state, with the object of avoiding unnecessary duplication and overlapping;

(b) To serve as a coordinating state agency for any program of tidal surveying and mapping conducted by the Federal Government;

(c) To assist any court, tribunal, administrative agency, or political subdivision, and to make available to them information, regarding tidal surveying and coastal boundary determinations;

(d) To contract with federal, state, or local agencies or with private parties for the performance of any surveys, studies, investigations, or mapping activities, for preparation and publication of the results thereof, or for other authorized functions relating to the objectives of this part;

(e) To develop permanent records of tidal surveys and maps of the state's coastal areas;

(f) To develop uniform specifications and regulations for tidal surveying and mapping coastal areas of the state;

- (g) To collect and preserve appropriate survey data from coastal areas; and
- (h) To act as a public repository for copies of coastal area maps and to establish a library of such maps and charts.

History.—s. 5, ch. 74-56; s. 36, ch. 94-356.

**177.35 Standards and procedures; applicability.**—The establishment of local tidal datums and the determination of the location of the mean high-water line or the mean low-water line, whether by federal, state, or local agencies or private parties, shall be made in accordance with the standards and procedures set forth in ss.

177.37-177.39 and in accordance with supplementary regulations promulgated by the department.

History.—s. 11, ch. 74-56.

**177.36 Work to be performed only by authorized personnel.**— The establishment of local tidal datums and the determination of the location of the mean high-water line or the mean low-water line must be performed by qualified personnel licensed by the Board of Professional Surveyors and Mappers or by representatives of the United States Government when approved by the department.

History.—s. 12, ch. 74-56; s. 50, ch. 83-217; s. 21, ch. 85-80; s. 107, ch. 94-119.

**177.37 Notification to department.**— Any surveyor undertaking to establish a local tidal datum and to determine the location of the mean high-water line or the mean low-water line shall submit a copy of the results thereof to the department within 90 days after the completion of such work, if the same is to be recorded or submitted to any court or agency of state or local government.

History.—s. 13, ch. 74-56.

**177.38 Standards for establishment of local tidal datums.**—

(1) Unless otherwise allowed by this part or regulations promulgated hereunder, a local tidal datum shall be established from a series of tide observations taken at a tide station established in accordance with procedures approved by the department. In establishing such procedures, full consideration will be given to the national standards and procedures established by the National Ocean Service.

(2) Records acquired at control tide stations, which are based on mean 19-year values, comprise the basic data from which tidal datums are determined.

(3) Observations at a tide station other than a control tide station shall be reduced to mean 19-year values through comparison with simultaneous observations at the appropriate control tide stations. The observations shall be made continuously and shall extend over such period as shall be provided for in departmental regulations.

(4) When a local tidal datum has been established, it shall be preserved by referring it to tidal bench marks in the manner prescribed by the department.

(5) A local tidal datum may be established between two tide stations by interpolation when the time and mean range differences of the tide between the two tide stations are within acceptable standards as determined by the department. The methods for establishing the local tidal datum by interpolation shall be prescribed by regulations of the department. Local tidal datums established in this manner shall be recorded with the department.

(6) A local tidal datum properly established through the use of continuous tide observations meeting the standards described in this section shall be presumptively correct when it differs from a local tidal datum established by interpolation.

(7) The department may approve the use of tide observations made prior to July 1, 1974, for use in establishing local tidal datums.

History.—s. 14, ch. 74-56; s. 16, ch. 98-20.

**177.39 Determination of mean high-water line or mean low-water line.—**

The location of the mean high-water line or the mean low-water line shall be determined by methods which are approved by the department for the area concerned. Geodetic bench marks shall not be used unless approved by the department.

History.—s. 15, ch. 74-56.

**177.40 Admissibility of maps and surveys.—** No map or survey prepared after July 1, 1974, and purporting to establish local tidal datums or to determine the location of the mean high-water line or the mean low-water line shall be admissible as evidence in any court, administrative agency, political subdivision, or tribunal in this state unless made in accordance with the provisions of this part by persons described in s. 177.36.

History.—s. 16, ch. 74-56.



**FLAGLER COUNTY  
DUNE/BEACH RESTORATION PROJECT**

**FLAGLER BEACH EROSION CONTROL LINE (ECL)  
PUBLIC WORKSHOP & PUBLIC HEARING  
THURSDAY, FEBRUARY 13, 2020  
6:00 pm to 7:30 pm**

**GOVERNMENT SERVICES COMPLEX  
BUNNELL, FLORIDA  
1769 E. Moody Boulevard, Bldg. 2  
Bunnell, Florida**

**PUBLIC WORKSHOP - AGENDA**

Welcome	Flagler County
Purpose of Workshop	FDEP and Flagler County
Presentation of Proposed Project & ECL	Olsen Associates, Inc.
Talk to Specialists	Walk room to see/discuss details/ask questions
Adjourn	

**PUBLIC HEARING – AGENDA (to immediately follow WORKSHOP)**

Outline of ECL Process	Hearing Officer (FDEP)
Presentation of Proposed ECL	Olsen Associates, Inc.
Public Comments	Moderated by Hearing Officer (FDEP)
Closing Remarks	Hearing Officer (FDEP)
Adjourn	

**Note: Public Hearing will be recorded.**