



**AGENDA REPORT
October 23, 2018**

**Resolution of Necessity for Acquisition of Easements for the Mid-Reach
Shore Protection Project**

SUBJECT:

Resolution of Necessity for Acquisition of Easements for the Mid-Reach Segment of the Brevard County Shore Protection Project

FISCAL IMPACT:

This agenda item will have no fiscal impact to the General Revenue Fund. Each easement has been appraised and acquisition costs are eligible for federal and state cost-sharing. If the property owners do not accept the appraised value, the County will be responsible for court costs and may also be responsible for the property owners' reasonable attorney's fees and costs. The County's cost share (approximately 21%) will be funded by the Tourist Development Tax Beach Improvement Fund. The remaining 79% will be funded by state and federal cost-share.

DEPT/OFFICE:

Natural Resources Management

REQUESTED ACTION:

It is requested that the Board of County Commissioners adopt a Resolution of Necessity and authorize the chairman to execute the resolution for the Mid-Reach Segment of the Brevard County Shore Protection Project. It is further requested that the County Attorney's Office and staff be directed to proceed with this action in accordance with the statutory requirements set forth in Chapters 73 and 74, Florida Statutes, applicable to "quick-take" proceedings.

SUMMARY EXPLANATION and BACKGROUND:

The Brevard County Shore Protection Project is a federally authorized beach renourishment project constructed through the U.S. Army Corps of Engineers (USACOE). Brevard County as the local sponsor is contractually obligated to obtain easements required for the Project. The North and South Reaches were previously constructed in the early 2000's and are under periodic nourishment. In 1999 and 2000 the Board approved Resolutions of Necessity to acquire easements for each of these Federal Shore Protection Project areas. The Mid-Reach Segment includes initial restoration of 7.8 miles of beach area, south of PAFB connecting to the South Reach, with periodic nourishment approximately every three years, over the next 50 years. Construction is scheduled to begin November 1, 2019 and the County must certify to the USACOE that it has acquired

the necessary easements by February 28, 2019.

Staff has acquired 168 of the 173 easements needed in the Mid Reach. This action is required to acquire the remaining 5 easements through eminent domain.

ATTACHMENTS:

Description

- ▢ **Resolution of Necessity**
- ▢ **Surveys of the easement BRP29**
- ▢ **Survey of easement BRP133**
- ▢ **survey of easement BRP172**
- ▢ **survey of easement BRP173**
- ▢ **survey of easement BRP174**

RESOLUTION NO.: 2018-_____

A RESOLUTION OF THE BOARD OF COUNTY COMMISSIONERS OF BREVARD COUNTY, FLORIDA, DECLARING THE NECESSITY TO ACQUIRE CERTAIN REAL PROPERTY EASEMENTS LOCATED IN BREVARD COUNTY FOR THE PLACEMENT OF SAND FOR THE MID-REACH SEGMENT OF THE BREVARD COUNTY SHORE PROTECTION PROJECT ALONG THE ATLANTIC OCEAN ON THE PROPERTY DESCRIBED HEREIN.

WHEREAS, to maintain safe and sufficient hurricane evacuation routes, protect upland structures and infrastructures, preserve nesting habitat for sea turtles and preserve areas for public recreation, it is necessary to elevate and widen certain areas of the shoreline along the Atlantic Ocean; and

WHEREAS, Congress authorized the construction of the North Reach Segment and South Reach Segment of the Brevard County, Florida, Shore Protection Project through the enactment of Section 101(b)(7) of the Water Resources development Act of 1996, Public Law 104-303; and

WHEREAS, Section 3045(a) of the Water Resources Development Act of 2007, Public Law 110-114, authorized the Secretary to modify the original project to include the Mid-Reach Segment upon a determination by the Secretary, following completion of the general reevaluation report, that such shoreline protection is feasible; and

WHEREAS, the Assistant Secretary of the Army on September 8, 2014 approved the general reevaluation report and determined that the locally preferred plan for the Mid-Reach Segment is feasible, and

WHEREAS, the Department of the Army and Board of County Commissioners entered into a Project Partnership Agreement dated August 31, 2016, setting forth the obligations of the parties for the construction of the Mid-Reach Segment of the Brevard County Shore Protection Project; and

WHEREAS, the scope of the Mid-Reach Segment includes initial restoration of approximately 7.8 miles of beach area with periodic renourishment of the same areas every three years, as needed, with a total project life of at least fifty (50) years; and

WHEREAS, construction of the nearshore reefs for environmental mitigation is underway and scheduled for completion by the end of 2018.

WHEREAS, initial renourishment construction of the Mid-Reach Segment is scheduled to begin on November 1, 2019; and

WHEREAS, Brevard County, as the Local Sponsor of the Shore Protection Project, has the responsibility to acquire easements over properties where the sand will be placed; and

WHEREAS, the Board of County Commissioners of Brevard County, Florida, finds that the renourishment of oceanfront beaches is necessary and in the best interest of the public's health, safety and welfare; and

WHEREAS, easements over all the properties within the scope of the Mid-Reach Segment for the placement of sand is necessary to ensure the success of the overall project; and

WHEREAS, these easements have been shown to be fit for placement of sand in the Mid-Reach Segment.

NOW, THEREFORE BE IT RESOLVED by the Board of County Commissioners of Brevard County, Florida as follows:

1. Necessity is hereby declared to exist for acquisition and condemnation of easements on certain real property, as shown in Exhibits "A-1 through A-5" located in Brevard County, Florida for the placement of sand in the Mid-Reach Segment of the Brevard County, Florida, Shore Protection Project.

2. The interest to be acquired in the real property, described in Exhibits "A-1 through A-5", is a perpetual and assignable easement and right-of-way in, on, over and across the land described in Exhibits "A-1 through A-5," for use by the Board of County Commissioners of Brevard County, Florida (hereinafter referred to as "Board"), its representatives, agents, contractors and assigns, to construct; preserve; patrol; operate; maintain; repair; rehabilitate; and replace; a public beach and other erosion control and storm damage reduction measures together with appurtenances thereto, including the right to deposit sand; to accomplish any alterations of contours on said land; to construct berms and dunes; to nourish and renourish periodically; to move, store and remove equipment and supplies; to erect and remove temporary structures; and to perform any other work necessary and incident to the construction, periodic renourishment and maintenance of the Mid-Reach Segment of the Brevard County, Florida, Shore Protection Project or beach renourishment project sponsored by the Board, together with the right of public use only on the portion of Defendant's property described in Exhibits "A-1" through "A-5"; to plant vegetation on said dunes and berms; to facilitate preservation of dunes and vegetation; to remove from said land debris and obstructions within the limits of the easement; reserving, however, to the Defendant(s), (his) (her) (its) (their) (heirs), successors and assigns, the right to construct elevated decks, dune overwalk structures and similar improvements in accordance with any applicable Federal, State or local laws or regulations, provided

that such structures shall not violate the integrity of the dune in shape, dimension or function, and that prior approval of the plans and specifications for such structures is obtained from the Board and provided further that such structures are subordinate to the construction, operation, maintenance, repair, rehabilitation and replacement of the project; and further reserving to the Defendant(s), (his) (her) (its) (their) (heirs), successors and assigns all such rights and privileges as may be used and enjoyed without interfering with or abridging the rights and easements hereby acquired; subject however to existing easements for public roads and highways, public utilities, railroads and pipelines.

3. The Office of the County Attorney is directed to acquire or condemn the interest in real property described herein at Exhibits "A-1 through A-5". The office of the County Attorney is authorized to initiate and institute proceedings pursuant to Chapter 74 of the Florida Statutes for the exercise of the power of eminent domain to obtain the possession and title of the property in advance of the final judgment as provided by law and determined necessary by this Commission for the public purposes set forth herein.

4. This resolution shall be effective immediately upon adoption.

DONE, ORDERED and ADOPTED in Regular Session this 23 day of
OCTOBER, 2018.

ATTEST:



Scott Ellis, Clerk

BOARD OF COUNTY COMMISSIONERS
OF BREVARD COUNTY, FLORIDA



Rita Pritchett, Chair
(As approved by the Board on Oct. 23, 2018)

EXHIBIT "A-1"

All of that land which lies east of the seaward-most occurrence of the plus 14 foot elevation contour, as measured vertically from the National Geodetic Vertical Datum, or the seaward edge of the eroded dune bluff, defined by the seaward limit of continuous vegetation, or seawall, whichever is further seaward, of the lands lying within the following parcel of real property:

A PORTION OF THE NORTH 105.00 FEET OF THE SOUTH 1105.00 FEET OF GOVERNMENT LOT 3, AS MEASURED ALONG STATE ROADS A-1-A, LYING EAST OF STATE ROAD A-1-A IN FRACTIONAL SECTION 26, TOWNSHIP 26 SOUTH, RANGE 37 EAST, TALLAHASSEE MERIDIAN, BREVARD COUNTY, FLORIDA, AND BE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE INTERSECTION OF THE EASTERLY RIGHT OF WAY LINE OF U.S. HIGHWAY A-1-A AND THE NORTH LINE OF THE SOUTH 1105.00 FEET OF GOVERNMENT LOT 3, IN SAID FRACTIONAL SECTION 26, TOWNSHIP 26 SOUTH, RANGE 37 EAST; THENCE N89°13'41"E ALONG THE SAID NORTH LINE A DISTANCE OF 190.63 FEET TO A POINT ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 14.0 FOOT CONTOUR LINE ON THE SEAWARD SIDE OF THE DUNE AND THE POINT OF BEGINNING; THENCE CONTINUE N89°13'41"E ALONG THE SAID NORTH LINE, A DISTANCE OF 107.30 FEET TO THE MEAN HIGH WATER LINE OF THE ATLANTIC OCEAN; THENCE S08°26'23"E ALONG SAID MEAN HIGH WATER LINE, A DISTANCE OF 62.04 FEET; THENCE S09°06'39"E ALONG THE SAID MEAN HIGH WATER LINE, A DISTANCE OF 61.82 FEET; THENCE S89°13'41"W, A DISTANCE OF 102.73 FEET TO A POINT ON THE SAID NATIONAL GEODETIC VERTICAL DATUM OF 1929 14.0 FOOT CONTOUR LINE ON THE SEAWARD SIDE OF THE DUNE; THENCE N20°59'12"W ALONG THE SAID 14 FOOT CONTOUR LINE, A DISTANCE OF 27.12 FEET; THENCE N00°19'26"W ALONG THE SAID 14 FOOT CONTOUR LINE, A DISTANCE OF 29.86 FEET; THENCE N15°08'26"W ALONG SAID 14 FOOT CONTOUR LINE, A DISTANCE OF 34.10 FEET; THENCE N06°28'02"W ALONG THE SAID 14 FOOT CONTOUR LINE, A DISTANCE OF 14.69 FEET TO THE POINT OF BEGINNING.

CONTAINING 10,920.99 SQUARE FEET, 0.251 ACRES MORE OR LESS.

Parcel ID Number:
26-37-26-00-760

Owner: John M. Pinter and Jane E. Pinter, Trustees of the John M. Pinter and Jane M. Pinter Trust U/A/D 5/12/08

EXHIBIT "A-2"

All of that land which lies east of the seaward-most occurrence of the plus 14 foot elevation contour, as measured vertically from the National Geodetic Vertical Datum, or the seaward edge of the eroded dune bluff, defined by the seaward limit of continuous vegetation, or seawall, whichever is further seaward, of the lands lying within the following parcel of real property:

A PORTION OF LOT 9, BLOCK 1, PLAT NUMBER ONE, OCEAN SHORES SUBDIVISION-OF-GLEASON LAND CORPORATION EAU GALLIE, FLORIDA AS RECORDED IN PLAT BOOK 9, PAGE 6 OF THE PUBLIC RECORDS OF BREVARD COUNTY, FLORIDA, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE NORTHWESTERLY CORNER OF THE SAID LOT 9, BLOCK 1; THENCE N74°49'51"E ALONG THE NORTH LINE OF THE SAID LOT 9, BLOCK 1, A DISTANCE OF 312.37 FEET TO A POINT ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 14.0 FOOT CONTOUR LINE ON THE SEAWARD SIDE OF THE DUNE AND THE POINT OF BEGINNING; THENCE CONTINUE N74°49'51"E ALONG SAID NORTH LINE, A DISTANCE OF 130.74 FEET TO THE MEAN HIGH WATER LINE OF THE ATLANTIC OCEAN; THENCE S15°57'47"E ALONG THE SAID MEAN HIGH WATER LINE, A DISTANCE OF 37.28 FEET; THENCE S20°25'50"E ALONG THE SAID MEAN HIGH WATER LINE, A DISTANCE OF 37.89 FEET TO THE SOUTH LINE OF SAID LOT 9, BLOCK 1; THENCE S74°49'51"W ALONG THE SAID SOUTH LINE, A DISTANCE OF 127.40 FEET TO A POINT ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 14.0 FOOT CONTOUR LINE ON THE SEAWARD SIDE OF THE DUNE; THENCE N28°31'16"W ALONG THE SAID 14 FOOT CONTOUR LINE, A DISTANCE OF 22.19 FEET; THENCE N17°09'43"W ALONG THE SAID 14 FOOT CONTOUR LINE, A DISTANCE OF 17.85 FEET; THENCE N20°49'54"W ALONG THE SAID 14 FOOT CONTOUR LINE, A DISTANCE OF 20.19 FEET; THENCE N13°39'49"W ALONG THE SAID 14 FOOT CONTOUR LINE, A DISTANCE OF 15.48 FEET TO THE POINT OF BEGINNING.

CONTAINING 9,754.64 SQUARE FEET, 0.224 ACRES MORE OR LESS.

Parcel ID Number:
27-37-24-75-1-9

Owner: Hubbard Investments, Inc.

EXHIBIT "A-3"

All of that land which lies east of the seaward-most occurrence of the plus 14 foot elevation contour, as measured vertically from the National Geodetic Vertical Datum, or the seaward edge of the eroded dune bluff, defined by the seaward limit of continuous vegetation, or seawall, whichever is further seaward, of the lands lying within the following parcel of real property:

A PORTION OF LOTS 29 AND 30, PLAT OF FIRST ADDITION TO OCEAN PARK AS RECORDED IN PLAT BOOK 9, PAGE 25 OF THE PUBLIC RECORDS OF BREVARD COUNTY, FLORIDA, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE NORTHWESTERLY CORNER OF THE SAID LOT 29; THENCE N73°35'44"E ALONG THE NORTH LINE OF THE SAID LOT 29, A DISTANCE OF 262.75 FEET TO A POINT ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 14.0 FOOT CONTOUR LINE ON THE SEAWARD SIDE OF THE DUNE AND THE POINT OF BEGINNING; THENCE CONTINUE N73°35'44"E ALONG SAID NORTH LINE A DISTANCE OF 207.46 FEET TO THE MEAN HIGH WATER LINE OF THE ATLANTIC OCEAN; THENCE S16°04'32"E ALONG THE SAID MEAN HIGH WATER LINE, A DISTANCE OF 100.17 FEET; THENCE S17°16'23"E ALONG THE SAID MEAN HIGH WATER LINE, A DISTANCE OF 99.84 FEET TO THE SOUTH LINE OF SAID LOT 30; THENCE S73°35'44"W ALONG THE SOUTH LINE OF SAID LOT 30, A DISTANCE OF 213.26 FEET TO A POINT ON THE SAID NATIONAL GEODETIC VERTICAL DATUM OF 1929 14.0 FOOT CONTOUR LINE ON THE SEAWARD SIDE OF THE DUNE; THENCE N14°32'59"W ALONG THE SAID 14 FOOT CONTOUR LINE, A DISTANCE OF 113.64 FEET; THENCE N15°37'02"W ALONG THE SAID 14 FOOT CONTOUR LINE, A DISTANCE OF 86.42 FEET TO THE POINT OF BEGINNING.

CONTAINING 41,875.52 SQUARE FEET, 0.961 ACRES MORE OR LESS.

Parcel ID Number:
27-38-30-50-29

Owners: Daniel Hasratian and Karine Melkounian

EXHIBIT "A-4"

All of that land which lies east of the seaward-most occurrence of the plus 14 foot elevation contour, as measured vertically from the National Geodetic Vertical Datum, or the seaward edge of the eroded dune bluff, defined by the seaward limit of continuous vegetation, or seawall, whichever is further seaward, of the lands lying within the following parcel of real property:

A PORTION OF LOT 31, FIRST ADDITION TO OCEAN PARK, ACCORDING TO THE MAP OR PLAT THEREOF RECORDED IN PLAT BOOK 9, PAGE 25 OF THE PUBLIC RECORDS OF BREVARD COUNTY, FLORIDA, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE NORTHWESTERLY CORNER OF THE SAID LOT 31; THENCE N73°35'44"E ALONG THE NORTH LINE OF THE SAID LOT 31, A DISTANCE OF 256.21 FEET TO A POINT ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 14.0 FOOT CONTOUR LINE ON THE SEAWARD SIDE OF THE DUNE AND THE POINT OF BEGINNING; THENCE CONTINUE N73°35'44"E ALONG SAID NORTH LINE A DISTANCE OF 213.30 FEET TO THE MEAN HIGH WATER LINE OF THE ATLANTIC OCEAN; THENCE S16°07'35"E ALONG THE SAID MEAN HIGH WATER LINE, A DISTANCE OF 100.00 FEET TO THE SOUTH LINE OF SAID LOT 31; THENCE S73°35'44"W ALONG THE SOUTH LINE OF SAID LOT 31, A DISTANCE OF 220.34 FEET TO A POINT ON THE SAID NATIONAL GEODETIC VERTICAL DATUM OF 1929 14.0 FOOT CONTOUR LINE ON THE SEAWARD SIDE OF THE DUNE; THENCE N08°54'35"W ALONG SAID 14 FOOT CONTOUR LINE, A DISTANCE OF 52.53 FEET; THENCE N17°04'27"W ALONG SAID 14 FOOT CONTOUR, A DISTANCE OF 37.62 FEET; THENCE N10°13'00"W ALONG SAID 14 FOOT CONTOUR, A DISTANCE OF 10.36 FEET TO THE POINT OF BEGINNING.

CONTAINING 21,558.65 SQUARE FEET, 0.495 ACRES MORE OR LESS

Parcel ID Number:
27-38-30-50--31

Owners: Daniel Hasratian and Karine Melkounian

EXHIBIT "A-5"

All of that land which lies east of the seaward-most occurrence of the plus 14 foot elevation contour, as measured vertically from the National Geodetic Vertical Datum, or the seaward edge of the eroded dune bluff, defined by the seaward limit of continuous vegetation, or seawall, whichever is further seaward, of the lands lying within the following parcel of real property:

A PORTION OF LOT 32, PLAT OF FIRST ADDITION TO OCEAN PARK AS RECORDED IN PLAT BOOK 9, PAGE 25 OF THE PUBLIC RECORDS OF BREVARD COUNTY, FLORIDA, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE NORTHWESTERLY CORNER OF THE SAID LOT 32; THENCE N73°35'44"E ALONG THE NORTH LINE OF THE SAID LOT 32, A DISTANCE OF 251.01 FEET TO A POINT ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 14.0 FOOT CONTOUR LINE ON THE SEAWARD SIDE OF THE DUNE AND THE POINT OF BEGINNING; THENCE CONTINUE N73°35'44"E ALONG SAID NORTH LINE A DISTANCE OF 217.99 FEET TO THE MEAN HIGH WATER LINE OF THE ATLANTIC OCEAN; THENCE S16°54'02"E ALONG THE SAID MEAN HIGH WATER LINE, A DISTANCE OF 100.00 FEET TO THE SOUTH LINE OF SAID LOT 32; THENCE S73°35'44"W ALONG THE SOUTH LINE OF SAID LOT 32, A DISTANCE OF 211.89 FEET TO A POINT ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 14.0 FOOT CONTOUR LINE ON THE SEAWARD SIDE OF THE DUNE; THENCE N17°31'03"W ALONG THE SAID 14 FOOT CONTOUR LINE, A DISTANCE OF 49.14 FEET; THENCE N19°11'11"W ALONG SAID 14 FOOT CONTOUR, A DISTANCE OF 34.61 FEET; THENCE N31°17'15"W ALONG SAID 14 FOOT CONTOUR, A DISTANCE OF 16.86 FEET TO THE POINT OF BEGINNING.

CONTAINING 21,309.11 SQUARE FEET, 0.49 ACRES MORE OR LESS AND SUBJECT TO ANY EASEMENTS AND OR RIGHTS OF WAY OF RECORD.

Parcel ID Number:
27-38-30-50-32

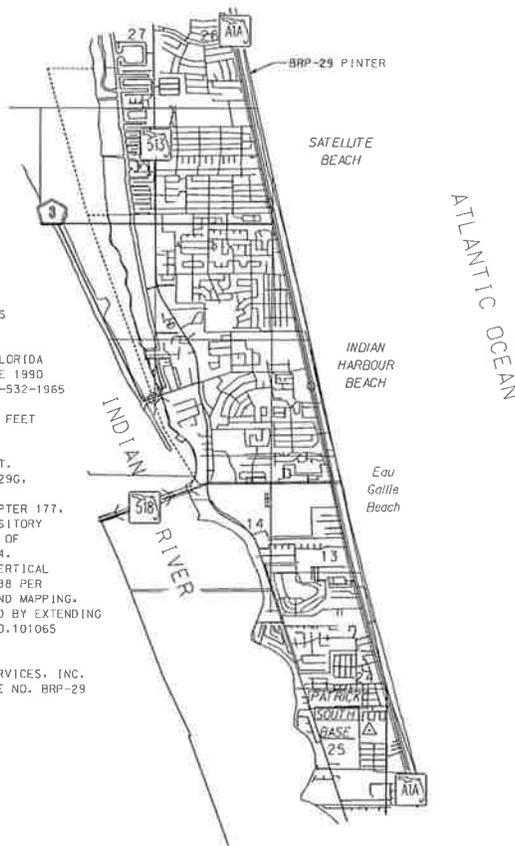
Owners: Thirrel A. Altman, Sr., Roberta M. Altman,
Thad Altman, Alex B. Altman, Deborah A. Pooley

SECTION 26, TOWNSHIP 26 SOUTH, RANGE 37 EAST

KUGELMANN LAND SURVEYING, INC.
 30 NORTH TROPICAL TRAIL, SUITE B
 MERRITT ISLAND, FLORIDA 32953
 L.B. NO. 6575 - PHONE (321) 459-0930

SURVEYOR'S NOTES:

1. THE PURPOSE OF THIS BOUNDARY SURVEY IS TO DETERMINE THE LOCATION OF THE MEAN HIGH WATER LINE AND THE FOURTEEN FOOT ELEVATION CONTOUR ON THE SEAWARD SIDE OF THE DUNE TO CREATE A BEACH RESTORATION EASEMENT FOR THE SUBJECT PROPERTY.
2. HORIZONTAL COORDINATES AND DISTANCES DEPICTED ARE EXPRESSED IN FEET AND DECIMAL FEET AND ARE REFERENCED TO THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (NAD83), 1990 ADJUSTMENT AND ARE BASED ON THE BREVARD COUNTY MONUMENTS 'BREVARD GPS 1005' AND 'BREVARD GPS 1007', HAVING PUBLISHED COORDINATES OF N=1370880.74, E=794451.53 AND N=1394597.61, E=7886639.21 RESPECTIVELY.
3. BEARINGS DEPICTED ON HEREON ARE GRID BEARINGS BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, 1983 DATUM WITH THE 1990 ADJUSTMENT AND ARE BASED ON MONUMENTS 70-80-A27 1985 AND JLR-532-1965 HAVING A GRID BEARING OF N12°03'52"W.
4. ELEVATIONS DEPICTED HEREON ARE EXPRESSED IN FEET AND DECIMAL FEET AND ARE REFERENCED TO THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD29) AND ARE BASED ON BREVARD COUNTY MONUMENT 'BREVARD GPS 1005' HAVING A PUBLISHED ELEVATION OF 14.72 FEET.
5. FLOOD ZONES "X" & "VE" PER FLOOD INSURANCE RATE MAP 12009C0529G, MARCH 17, 2014.
6. THE MEAN HIGH WATER SURVEY DEPICTED HEREON COMPLIES WITH CHAPTER 177, PART (1), FLORIDA STATUTES AND IS RECORDED IN THE PUBLIC REPOSITORY OF THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF SURVEYING AND MAPPING AS MEAN HIGH WATER SURVEY FILE NO. 6984.
7. MEAN HIGH WATER LINE ELEVATION 2.16 FEET NATIONAL GEODETIC VERTICAL DATUM OF 1929, 0.77 FEET NORTH AMERICAN VERTICAL DATUM OF 1988 PER DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF SURVEYING AND MAPPING. THE MEAN HIGH WATER ELEVATION AS SHOWN HEREON WAS ESTABLISHED BY EXTENDING THE ELEVATION SHOWN AT MEAN HIGH WATER INTERPOLATION POINT NO. 101065
8. FENCE OWNERSHIP UNKNOWN.
9. NO APPARENT ENCROACHMENTS NOTED.
10. THIS SURVEY WAS PERFORMED WITH THE BENEFIT OF B & B TITLE SERVICES, INC. OWNERSHIP AND ENCUMBRANCE CERTIFICATE STORED IN CUSTOMER FILE NO. BRP-29 ACCT 2608432.
11. SURVEY DOES NOT WARRANT TITLE.
12. UNDERGROUND FOUNDATIONS AND/OR UTILITIES NOT LOCATED AT TIME OF SURVEY.
13. THIS SURVEY WAS PREPARED FOR THE EXCLUSIVE USE OF THE CLIENT (S) SHOWN HEREON; COPIES ARE VALID ONLY WHEN SIGNED, DATED AND EMBOSSED WITH THE SURVEYOR'S SEAL.



VICINITY MAP

MAP OF BOUNDARY, TOPOGRAPHIC AND MEAN HIGH WATER LINE SURVEY PREPARED FOR AND CERTIFIED TO: THE BOARD OF COUNTY COMMISSIONERS, BREVARD COUNTY, FLORIDA AND OLSEN ASSOCIATES, INC. 2818 HERSCHEL STREET JACKSONVILLE, FL 32204

LEGAL DESCRIPTION OF PARENT TRACT:

THE NORTH 105.00 FEET OF THE SOUTH 1105.00 FEET OF GOVERNMENT LOT 3, AS MEASURED ALONG STATE ROADS A-1-A, LYING EAST OF STATE ROAD A-1-A IN FRACTIONAL SECTION 26, TOWNSHIP 26 SOUTH, RANGE 37 EAST, TALLAHASSEE MERIDIAN, BREVARD COUNTY, FLORIDA.

REVISIONS

UPDATED MEAN HIGH WATER LINE, 14-FOOT CONTOUR LINE, BEACH TOPOGRAPHY, BEACH TOPOGRAPHY PROFILE AND REVISED EASEMENT LEGAL DESCRIPTION 9/02/18

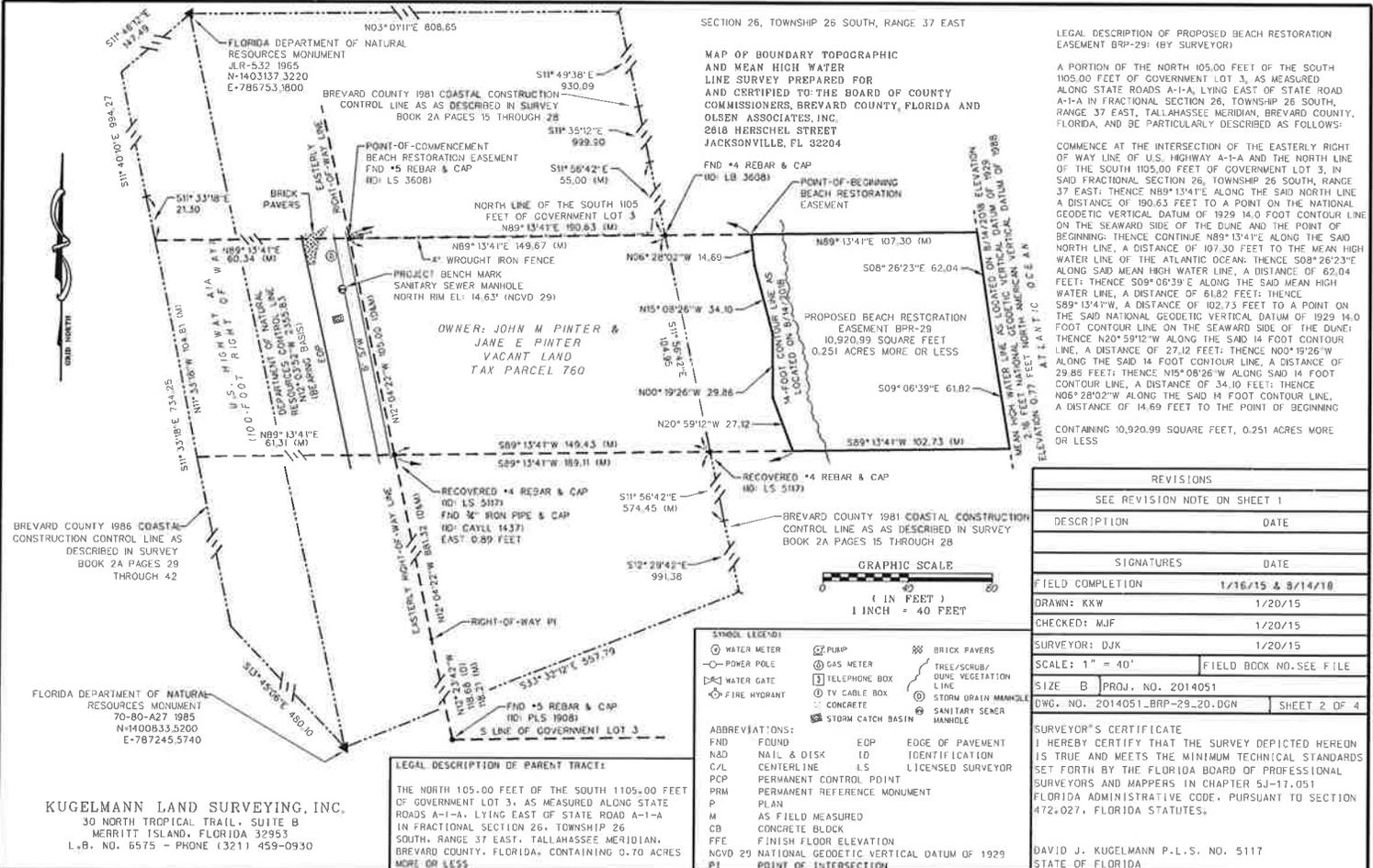
DESCRIPTION	DATE
SIGNATURES	
FIELD COMPLETION	1/16/15 & 8/14/18
DRAWN: KKW & DJK	1/20/15
CHECKED: KKW & WF	1/20/15
SURVEYOR: DJK	1/20/15
NOT TO SCALE	FIELD BOOK NO. SEE FILE

DWG. NO. V8_SH1_VICINITYMAP_BRP-29.DGN

SIZE B SHEET 1 OF 4 PROJ. NO. 2014051

SURVEYOR'S CERTIFICATE
 I HEREBY CERTIFY THAT THE SURVEY DEPICTED HEREON IS TRUE AND MEETS THE MINIMUM TECHNICAL STANDARDS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 5J-17.051, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472-027, FLORIDA STATUTES.

DAVID J. KUGELMANN P.L.S. NO. 5117
 STATE OF FLORIDA



SECTION 26, TOWNSHIP 26 SOUTH, RANGE 37 EAST

MAP OF BOUNDARY TOPOGRAPHIC AND MEAN HIGH WATER LINE SURVEY PREPARED FOR AND CERTIFIED TO THE BOARD OF COUNTY COMMISSIONERS, BREVARD COUNTY, FLORIDA AND OLSEN ASSOCIATES, INC. 2818 HERSCHEL STREET JACKSONVILLE, FL 32204

LEGAL DESCRIPTION OF PROPOSED BEACH RESTORATION EASEMENT BRP-29: (BY SURVEYOR)

A PORTION OF THE NORTH 105.00 FEET OF THE SOUTH 105.00 FEET OF GOVERNMENT LOT 3, AS MEASURED ALONG STATE ROADS A-1-A, LYING EAST OF STATE ROAD A-1-A IN FRACTIONAL SECTION 26, TOWNSHIP 26 SOUTH, RANGE 37 EAST, TALLAHASSEE MERIDIAN, BREVARD COUNTY, FLORIDA, AND BE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE INTERSECTION OF THE EASTERLY RIGHT OF WAY LINE OF U.S. HIGHWAY A-1-A AND THE NORTH LINE OF THE SOUTH 105.00 FEET OF GOVERNMENT LOT 3, IN SAID FRACTIONAL SECTION 26, TOWNSHIP 26 SOUTH, RANGE 37 EAST; THENCE NB89°13'41"E ALONG THE SAID NORTH LINE A DISTANCE OF 190.63 FEET TO A POINT ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 14.0 FOOT CONTOUR LINE ON THE SEAWARD SIDE OF THE DUNE AND THE POINT OF BEGINNING; THENCE CONTINUE NB89°13'41"E ALONG THE SAID NORTH LINE, A DISTANCE OF 107.30 FEET TO THE MEAN HIGH WATER LINE OF THE ATLANTIC OCEAN; THENCE S08°26'23"E ALONG SAID MEAN HIGH WATER LINE, A DISTANCE OF 62.04 FEET; THENCE S09°06'39"E ALONG THE SAID MEAN HIGH WATER LINE, A DISTANCE OF 61.62 FEET; THENCE S89°13'41"W, A DISTANCE OF 102.73 FEET TO A POINT ON THE SAID NATIONAL GEODETIC VERTICAL DATUM OF 1929 14.0 FOOT CONTOUR LINE ON THE SEAWARD SIDE OF THE DUNE; THENCE N20°59'12"W ALONG THE SAID 14 FOOT CONTOUR LINE, A DISTANCE OF 27.12 FEET; THENCE N00°19'26"W ALONG THE SAID 14 FOOT CONTOUR LINE, A DISTANCE OF 29.85 FEET; THENCE N15°08'26"W ALONG SAID 14 FOOT CONTOUR LINE, A DISTANCE OF 34.10 FEET; THENCE N06°28'02"W ALONG THE SAID 14 FOOT CONTOUR LINE, A DISTANCE OF 14.69 FEET TO THE POINT OF BEGINNING CONTAINING 10,920.99 SQUARE FEET, 0.251 ACRES MORE OR LESS

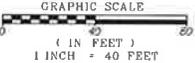
LEGAL DESCRIPTION OF PARENT TRACT:

THE NORTH 105.00 FEET OF THE SOUTH 1105.00 FEET OF GOVERNMENT LOT 3, AS MEASURED ALONG STATE ROADS A-1-A, LYING EAST OF STATE ROAD A-1-A IN FRACTIONAL SECTION 26, TOWNSHIP 26 SOUTH, RANGE 37 EAST, TALLAHASSEE MERIDIAN, BREVARD COUNTY, FLORIDA, CONTAINING 0.70 ACRES MORE OR LESS

KUGELMANN LAND SURVEYING, INC.
 30 NORTH TROPICAL TRAIL, SUITE B
 MERRITT ISLAND, FLORIDA 32953
 L.B. NO. 6575 - PHONE (321) 459-0930

REVISIONS	
SEE REVISION NOTE ON SHEET 1	
DESCRIPTION	DATE
SIGNATURES	
DATE	
FIELD COMPLETION	1/16/15 & 3/14/18
DRAWN: KXW	1/20/15
CHECKED: MJF	1/20/15
SURVEYOR: DJK	1/20/15
SCALE: 1" = 40'	FIELD BOOK NO. SEE FILE
SIZE: B	PROJ. NO. 2014051
DWG. NO. 2014051_BRP-29_20.DGN	SHEET 2 OF 4
SURVEYOR'S CERTIFICATE	
I HEREBY CERTIFY THAT THE SURVEY DEPICTED HEREON IS TRUE AND MEETS THE MINIMUM TECHNICAL STANDARDS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 5J-17.051 FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.	
DAVID J. KUGELMANN P.L.S. NO. 5117 STATE OF FLORIDA	

- SYMBOL LEGEND:**
- WATER METER
 - POWER POLE
 - WATER GATE
 - FIRE HYDRANT
 - PUMP
 - GAS METER
 - TELEPHONE BOX
 - TV CABLE BOX
 - CONCRETE
 - STORM CATCH BASIN
 - BRICK PAVERS
 - TREE/SCRUB/DUNE VEGETATION LINE
 - STORM DRAIN MANHOLE
 - SANITARY SEWER MANHOLE
- ABBREVIATIONS:**
- FND FOUND
 - NAD NAIL & DISK IDENTIFICATION
 - C/L CENTERLINE
 - PCP PERMANENT CONTROL POINT
 - PRM PERMANENT REFERENCE MONUMENT
 - P PLAN
 - M AS FIELD MEASURED
 - CB CONCRETE BLOCK
 - FFE FINISH FLOOR ELEVATION
 - NGVD 29 NATIONAL GEODETIC VERTICAL DATUM OF 1929
 - PI POINT OF INTERSECTION
 - EDP EDGE OF PAVEMENT IDENTIFICATION
 - LS LICENSED SURVEYOR
 - LS LICENSED SURVEYOR



BREVARD COUNTY 1986 COASTAL CONSTRUCTION CONTROL LINE AS DESCRIBED IN SURVEY BOOK 2A PAGES 29 THROUGH 42

FLORIDA DEPARTMENT OF NATURAL RESOURCES MONUMENT
 70-80-A27 1985
 N=1400633.5200
 E=787245.5740

U.S. HIGHWAY A-1-A
 100-FOOT RIGHT OF WAY
 NB89°13'41"E 61.31 (M)
 N11°33'18"E 734.25
 N11°33'18"E 104.81 (M)

PROJECT BENCH MARK
 SANITARY SEWER MANHOLE
 NORTH RIM EL: 14.63' (NGVD 29)

OWNER: JOHN M. PINTER & JANE E. PINTER
 VACANT LAND
 TAX PARCEL 760

PROPOSED BEACH RESTORATION EASEMENT BRP-29
 10,920.99 SQUARE FEET
 0.251 ACRES MORE OR LESS

POINT-OF-BEGINNING BEACH RESTORATION EASEMENT
 FND *4 REBAR & CAP (NO. LB 3608)

POINT-OF-BEGINNING BEACH RESTORATION EASEMENT
 FND *4 REBAR & CAP (NO. LB 3608)

MEAN HIGH WATER LINE AS LOCATED ON 1:24,200 ELEVATION DATUM OF 1985
 2.16 FEET NORTH AMERICAN VERTICAL DATUM OF 1985
 ELEVATION 0.77 FEET AT ATLANTIC OCEAN

FLORIDA DEPARTMENT OF NATURAL RESOURCES MONUMENT
 JLR-532 1965
 N=1403137.3220
 E=786753.1800

BREVARD COUNTY 1981 COASTAL CONSTRUCTION CONTROL LINE AS DESCRIBED IN SURVEY BOOK 2A PAGES 15 THROUGH 28

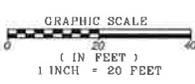
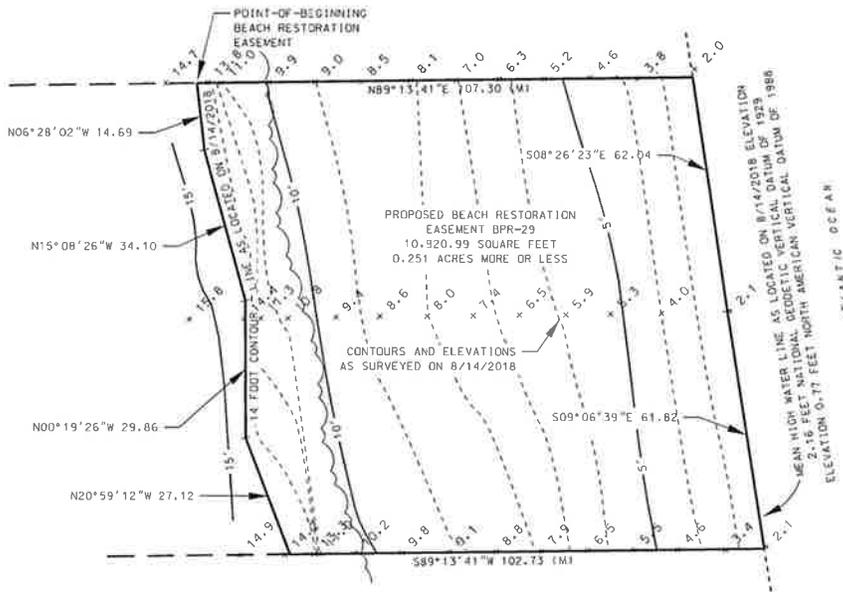
POINT-OF-COMMENCEMENT BEACH RESTORATION EASEMENT
 FND *5 REBAR & CAP (NO. LS 3608)

NORTH LINE OF THE SOUTH 105 FEET OF GOVERNMENT LOT 3
 NB89°13'41"E 150.83 (M)

STATIONING:
 S11°49'38"E 930.09
 S11°35'12"E 939.90
 S11°56'42"E 55.00 (M)

SECTION 26, TOWNSHIP 26 SOUTH, RANGE 37 EAST

MAP OF BOUNDARY TOPOGRAPHIC AND MEAN HIGH WATER LINE SURVEY PREPARED FOR AND CERTIFIED TO: THE BOARD OF COUNTY COMMISSIONERS, BREVARD COUNTY, FLORIDA AND OLSEN ASSOCIATES, INC. 2818 HERSCHEL STREET JACKSONVILLE, FL 32204



KUGELMANN LAND SURVEYING, INC.
30 NORTH TROPICAL TRAIL, SUITE B
MERRITT ISLAND, FLORIDA 32953
L.B. NO. 6575 - PHONE (321) 459-0930

LEGAL DESCRIPTION OF PARENT TRACT:
THE NORTH 105.00 FEET OF THE SOUTH 1105.00 FEET OF GOVERNMENT LOT 3, AS MEASURED ALONG STATE ROADS A-1-A, LYING EAST OF STATE ROAD A-1-A IN FRACTIONAL SECTION 26, TOWNSHIP 26 SOUTH, RANGE 37 EAST, TALLAHASSEE MERIDIAN, BREVARD COUNTY, FLORIDA, CONTAINING 0.70 ACRES MORE OR LESS

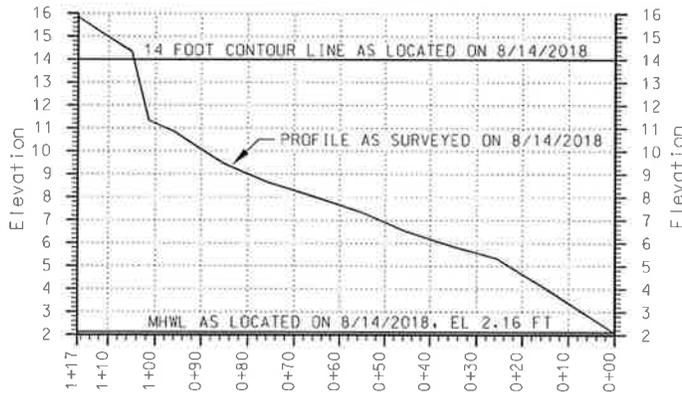
- SYMBOL LEGEND:**
- ⊕ WATER METER
 - ⊖ POWER POLE
 - ⊗ WATER GATE
 - ⊕ FIRE HYDRANT
 - ⊕ PUMP
 - ⊕ GAS METER
 - ⊕ TELEPHONE BOX
 - ⊕ TV CABLE BOX
 - ⊕ CONCRETE
 - ⊕ STORM CATCH BASIN
 - ⊕ BRICK PAVERS
 - ⊕ TREE/SCRUB/DUNE VEGETATION LINE
 - ⊕ STORM DRAIN MANHOLE
 - ⊕ SANITARY SEWER MANHOLE
- ABBREVIATIONS:**
- FND FOUND
 - NAD NAIL & DISK
 - C/L CENTERLINE
 - PCP PERMANENT CONTROL POINT
 - PRM PERMANENT REFERENCE MONUMENT
 - P PLAN
 - M AS FIELD MEASURED
 - CB CONCRETE BLOCK
 - FFE FINISH FLOOR ELEVATION
 - NGVD 29 NATIONAL GEODETIC VERTICAL DATUM OF 1929
 - PI POINT OF INTERSECTION
 - EOP EDGE OF PAVEMENT IDENTIFICATION
 - LS LICENSED SURVEYOR

REVISIONS	
SEE REVISION NOTE ON SHEET 1	
DESCRIPTION	DATE
SIGNATURES	
	DATE
FIELD COMPLETION: 1/16/15 & 8/14/18	
DRAWN: KKW	1/20/15
CHECKED: MJF	1/20/15
SURVEYOR: DJK	1/20/15
SCALE: 1" = 20'	FIELD BOOK NO. SEE FILE
SIZE B	PROJ. NO. 2014051
DWG. NO. 2014051_LBRP-29_2D.DGN	SHEET 3 OF 4
SURVEYOR'S CERTIFICATE	
I HEREBY CERTIFY THAT THE SURVEY DEPICTED HEREON IS TRUE AND MEETS THE MINIMUM TECHNICAL STANDARDS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 5J-17.051 FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.	
DAVID J. KUGELMANN P.L.S. NO. 5117	
STATE OF FLORIDA	

SECTION 26, TOWNSHIP 26 SOUTH, RANGE 37 EAST

MAP OF BOUNDARY AND MEAN HIGH WATER
LINE SURVEY PREPARED FOR
AND CERTIFIED TO THE BOARD OF COUNTY
COMMISSIONERS, BREVARD COUNTY, FLORIDA AND
OLSEN ASSOCIATES, INC.
2618 HERSCHEL STREET
JACKSONVILLE, FL 32204

BRP-29 PROFILE



KUGELMANN LAND SURVEYING, INC.
30 NORTH TROPICAL TRAIL, SUITE B
MERRITT ISLAND, FLORIDA 32953
L.B. NO. 6575 - PHONE (321) 459-0930

LEGAL DESCRIPTION OF PARENT TRACT:
THE NORTH 105.00 FEET OF THE SOUTH 1105.00 FEET
OF GOVERNMENT LOT 3, AS MEASURED ALONG STATE
ROADS A-1-A, LYING EAST OF STATE ROAD A-1-A
IN FRACTIONAL SECTION 26, TOWNSHIP 26
SOUTH, RANGE 37 EAST, TALLAHASSEE MERIDIAN,
BREVARD COUNTY, FLORIDA, CONTAINING 0.70 ACRES
MORE OR LESS

SYMBOL LEGEND	
⊕ WATER METER	⊕ PUMP
—○— POWER POLE	⊕ GAS METER
⊗ WATER GATE	⊠ TELEPHONE BOX
⊕ FIRE HYDRANT	⊕ TV CABLE BOX
	⊕ CONCRETE
	⊕ STORM CATCH BASIN
	⊕ BRICK PAVERS
	⊕ TREE/SHRUB/
	⊕ SOME VEGETATION
	⊕ LINE
	⊕ STORM DRAIN MANHOLE
	⊕ SANITARY SEWER
	⊕ MANHOLE

ABBREVIATIONS:			
FND	FOUND	EOP	EDGE OF PAVEMENT
NAD	NAIL & DISK	ID	IDENTIFICATION
C/L	CENTERLINE	LS	LICENSED SURVEYOR
PCP	PERMANENT CONTROL POINT		
PRM	PERMANENT REFERENCE MONUMENT		
P	PLAN		
M	AS FIELD MEASURED		
CB	CONCRETE BLOCK		
FFE	FINISH FLOOR ELEVATION		
NGVD 29	NATIONAL GEODETIC VERTICAL DATUM OF 1929		
PI	POINT OF INTERSECTION		

REVISIONS	
SEE REVISION NOTE ON SHEET 1	
DESCRIPTION	DATE
SIGNATURES	
	DATE
FIELD COMPLETION	1/16/15 & 8/14/18
DRAWN: KKW	1/20/15
CHECKED: MJF	1/20/15
SURVEYOR: DJK	1/20/15
NO SCALE	FIELD BOOK NO-SEE FILE
SIZE B	PROJ. NO. 2014051
DWG. NO. 2014051_BRP-29_2D.DGN	SHEET 4 OF 4

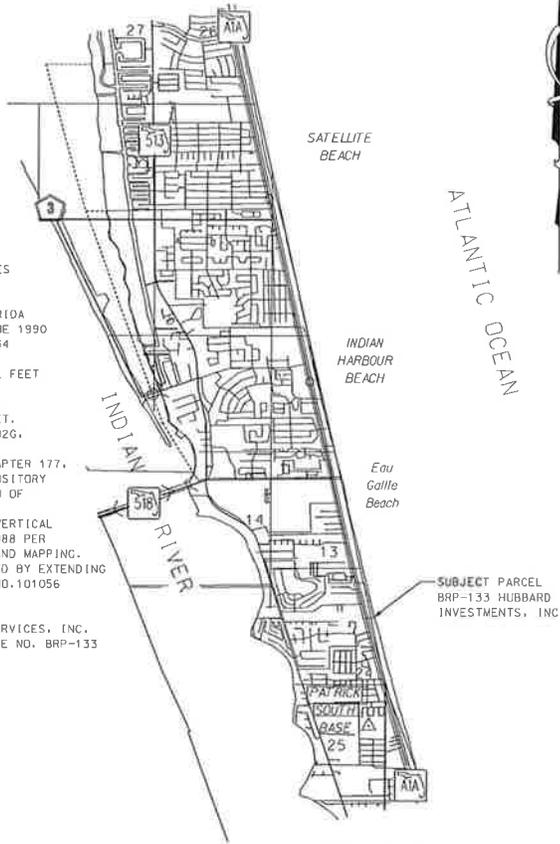
SURVEYOR'S CERTIFICATE	
I HEREBY CERTIFY THAT THE SURVEY DEPICTED HEREON IS TRUE AND MEETS THE MINIMUM TECHNICAL STANDARDS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 5J-17.051, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.021, FLORIDA STATUTES.	
DAVID J. KUGELMANN P.L.S. NO. 5117	STATE OF FLORIDA

SECTION 24, TOWNSHIP 27 SOUTH, RANGE 37 EAST

KUGELMANN LAND SURVEYING, INC.
 30 NORTH TROPICAL TRAIL, SUITE B
 MERRITT ISLAND, FLORIDA 32953
 L.B. NO. 6575 - PHONE (321) 459-0930

SURVEYOR'S NOTES:

1. THE PURPOSE OF THIS BOUNDARY SURVEY IS TO DETERMINE THE LOCATION OF THE MEAN HIGH WATER LINE AND THE FOURTEEN FOOT ELEVATION CONTOUR ON THE SEAWARD SIDE OF THE DUNE TO CREATE A BEACH RESTORATION EASEMENT FOR THE SUBJECT PROPERTY.
2. HORIZONTAL COORDINATES AND DISTANCES DEPICTED ARE EXPRESSED IN FEET AND DECIMAL FEET AND ARE REFERENCED TO THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (NAD83), 1990 ADJUSTMENT AND ARE BASED ON THE BREVARD COUNTY MONUMENTS 'BREVARD GPS 1005' AND 'BREVARD GPS 1007', HAVING PUBLISHED COORDINATES OF N=1370880.74, E=794451.53 AND N=1394597.61, E=788639.21, RESPECTIVELY.
3. BEARINGS DEPICTED HEREON ARE GRID BEARINGS BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, 1983 DATUM WITH THE 1990 ADJUSTMENT AND ARE BASED ON MONUMENTS 70-80-A33 AND 70-80-A34 HAVING A GRID BEARING OF N14°33'09"W.
4. ELEVATIONS DEPICTED HEREON ARE EXPRESSED IN FEET AND DECIMAL FEET AND ARE REFERENCED TO THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD29) AND ARE BASED ON BREVARD COUNTY MONUMENT 'BREVARD GPS 1005' HAVING A PUBLISHED ELEVATION OF 14.72 FEET.
5. FLOOD ZONE "X" & "VE" PER FLOOD INSURANCE RATE MAP 12009C0602G, MARCH 17, 2014.
6. THE MEAN HIGH WATER SURVEY DEPICTED HEREON COMPLIES WITH CHAPTER 177, PART 11, FLORIDA STATUTES AND IS RECORDED IN THE PUBLIC REPOSITORY OF THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF SURVEYING AND MAPPING AS MEAN HIGH WATER FILE NO. 6995.
7. MEAN HIGH WATER LINE ELEVATION 2.13 FEET NATIONAL GEODETIC VERTICAL DATUM OF 1929, 0.74 FEET NORTH AMERICAN VERTICAL DATUM OF 1988 PER DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF SURVEYING AND MAPPING. THE MEAN HIGH WATER ELEVATION AS SHOWN HEREON WAS ESTABLISHED BY EXTENDING THE ELEVATION SHOWN AT MEAN HIGH WATER INTERPOLATION POINT NO.101056.
8. FENCE OWNERSHIP UNKNOWN.
9. NO APPARENT ENCROACHMENTS NOTED.
10. THIS SURVEY WAS PERFORMED WITH THE BENEFIT OF B & B TITLE SERVICES, INC. OWNERSHIP AND ENCUMBRANCE CERTIFICATE STORED IN CUSTOMER FILE NO. BRP-133 ACCT. 2726529.
11. SURVEY DOES NOT WARRANT TITLE.
12. UNDERGROUND FOUNDATIONS AND/OR UTILITIES NOT LOCATED AT TIME OF SURVEY.
13. THIS SURVEY WAS PREPARED FOR THE EXCLUSIVE USE OF THE CLIENT (S) SHOWN HEREON; COPIES ARE VALID ONLY WHEN SIGNED, DATED AND EMBOSSED WITH THE SURVEYOR'S SEAL.



VICINITY MAP

MAP OF BOUNDARY TOPOGRAPHIC AND MEAN HIGH WATER LINE SURVEY PREPARED FOR AND CERTIFIED TO: THE BOARD OF COUNTY COMMISSIONERS, BREVARD COUNTY, FLORIDA AND OLSEN ASSOCIATES, INC. 2618 HERSCHEL STREET JACKSONVILLE, FL 32204

LEGAL DESCRIPTION OF PARENT TRACT:
 LOT 9, BLOCK 1, PLAT NUMBER ONE, OCEAN SHORES SUBDIVISION-OF-GLEASON LAND CORPORATION EAU GALLIE, FLORIDA, ACCORDING TO PLAT THEREOF, AS RECORDED IN PLAT BOOK 94 PAGE(S) 6, OF THE PUBLIC RECORDS OF BREVARD COUNTY, FLORIDA.

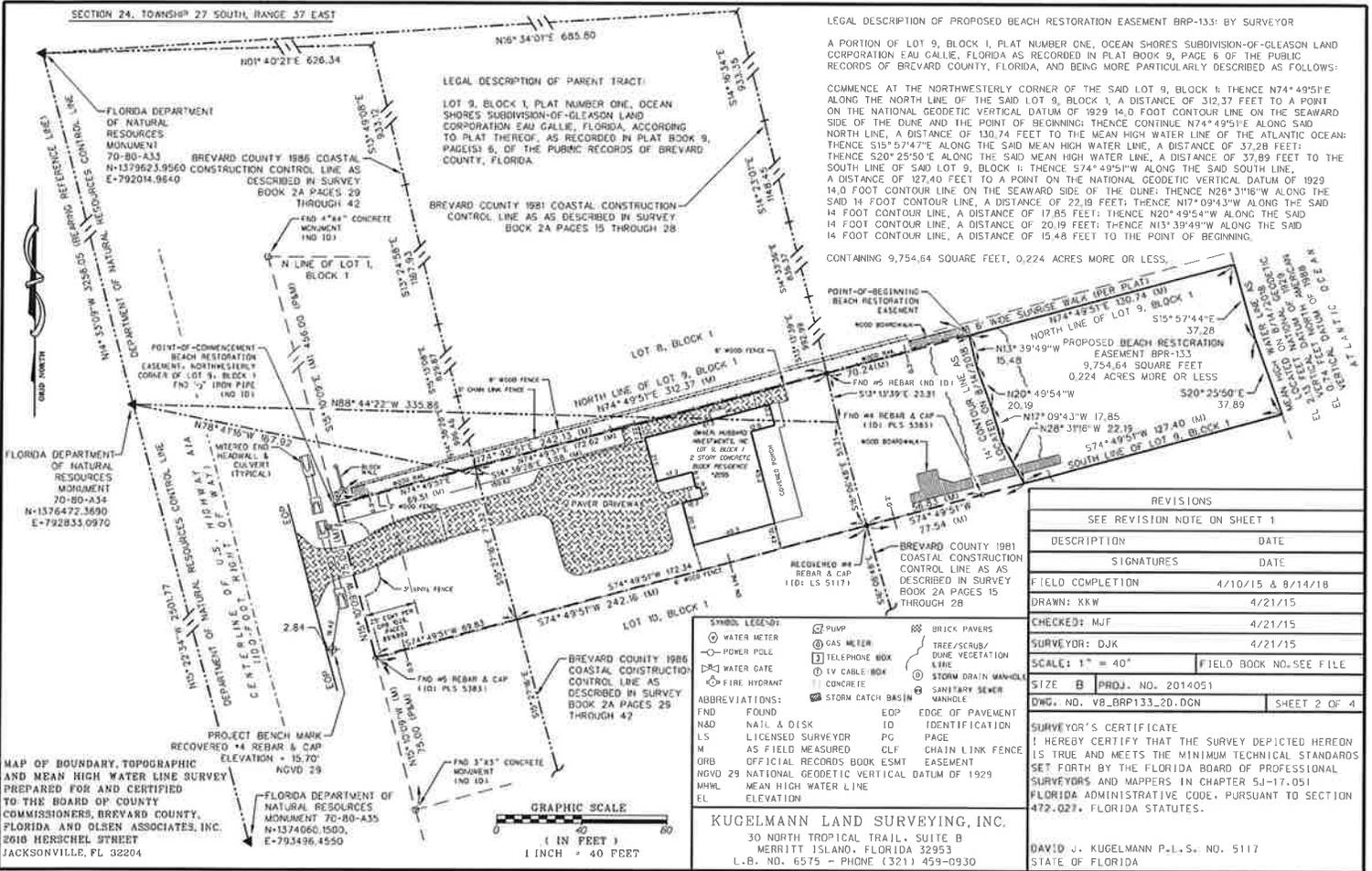
REVISIONS	
UPDATED MEAN HIGH WATER LINE, 14-FOOT CONTOUR LINE, BEACH TOPOGRAPHY, BEACH TOPOGRAPHY PROFILE AND REVISED EASEMENT LEGAL DESCRIPTION	09/01/2018

DESCRIPTION	DATE
SIGNATURES	DATE
FIELD COMPLETION	10/10/14 & 8/14/18
DRAWN: KKW & DJK	10/13/14
CHECKED: KKW & MF	10/13/14
SURVEYOR: DJK	10/13/14
NOT TO SCALE	FIELD BOOK NO. SEE FILE
DWG. NO. V8_SH1_VICINITYMAP_BRP-133.DGN	
SIZE B SHEET 1 OF 4 PROJ. NO. 2014051	

SURVEYOR'S CERTIFICATE
 I HEREBY CERTIFY THAT THE SURVEY DEPICTED HEREON IS TRUE AND MEETS THE MINIMUM TECHNICAL STANDARDS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 50-17.051, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

DAVID J. KUGELMANN P.L.S. NO. 5117
 STATE OF FLORIDA

SECTION 24, TOWNSHIP 27 SOUTH, RANGE 37 EAST



COMMENCE AT THE NORTHWESTERLY CORNER OF THE SAID LOT 9, BLOCK 1; THENCE N74°49'51"E ALONG THE NORTH LINE OF THE SAID LOT 9, BLOCK 1, A DISTANCE OF 312.37 FEET TO A POINT ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 14.0 FOOT CONTOUR LINE ON THE SEAWARD SIDE OF THE DUNE AND THE POINT OF BEGINNING; THENCE CONTINUE N74°49'51"E ALONG SAID NORTH LINE, A DISTANCE OF 130.74 FEET TO THE MEAN HIGH WATER LINE OF THE ATLANTIC OCEAN; THENCE S15°57'47"E ALONG THE SAID MEAN HIGH WATER LINE, A DISTANCE OF 37.28 FEET; THENCE S20°25'50"E ALONG THE SAID MEAN HIGH WATER LINE, A DISTANCE OF 37.89 FEET TO THE SOUTH LINE OF SAID LOT 9, BLOCK 1; THENCE S74°49'51"W ALONG THE SAID SOUTH LINE, A DISTANCE OF 127.40 FEET TO A POINT ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 14.0 FOOT CONTOUR LINE ON THE SEAWARD SIDE OF THE DUNE; THENCE N28°31'16"W ALONG THE SAID 14 FOOT CONTOUR LINE, A DISTANCE OF 22.19 FEET; THENCE N17°09'43"W ALONG THE SAID 14 FOOT CONTOUR LINE, A DISTANCE OF 17.85 FEET; THENCE N20°49'54"W ALONG THE SAID 14 FOOT CONTOUR LINE, A DISTANCE OF 20.19 FEET; THENCE N13°39'49"W ALONG THE SAID 14 FOOT CONTOUR LINE, A DISTANCE OF 15.48 FEET TO THE POINT OF BEGINNING,
 CONTAINING 9,754.64 SQUARE FEET, 0.224 ACRES MORE OR LESS.

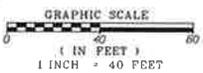
REVISIONS	
SEE REVISION NOTE ON SHEET 1	
DESCRIPTION	DATE
SIGNATURES	DATE
FIELD COMPLETION	4/10/15 & 8/14/18
DRAWN: KKW	4/21/15
CHECKED: MJF	4/21/15
SURVEYOR: DJK	4/21/15
SIZE: B	PROJ. NO. 2014051
DWG. NO. VB_BRP133_2D.DGN	SHEET 2 OF 4
SURVEYOR'S CERTIFICATE	
I HEREBY CERTIFY THAT THE SURVEY DEPICTED HEREON IS TRUE AND MEETS THE MINIMUM TECHNICAL STANDARDS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 5J-17.051 FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.	
DAVID J. KUGELMANN P.L.S., NO. 5117 STATE OF FLORIDA	

SYMBOL LEGEND:
 (M) WATER METER
 (P) POWER POLE
 (W) WATER GATE
 (F) FIRE HYDRANT
 (C) CONCRETE
 (S) STORM CATCH BASIN
 (T) TREE/SCRUB/ DUNE VEGETATION
 (E) EDGE OF PAVEMENT
 (I) IDENTIFICATION
 (P) PAGE
 (M) AS FIELD MEASURED
 (CLF) CHAIN LINK FENCE
 (E) EASEMENT
 (NGVD 29) NATIONAL GEODETIC VERTICAL DATUM OF 1929
 (MHW) MEAN HIGH WATER LINE
 (EL) ELEVATION
 (P) PUMP
 (G) GAS METER
 (T) TELEPHONE BOX
 (C) TV CABLE BOX
 (S) SANITARY SEWER
 (W) WANDLE
 (W) WANDLE

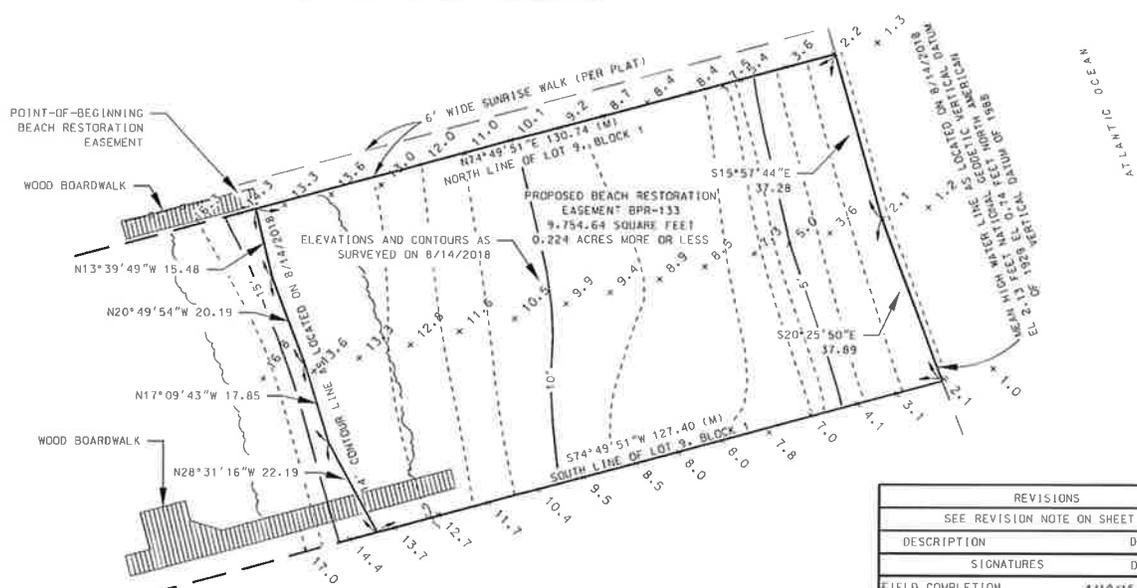
ABBREVIATIONS:
 FND FOUND
 N&D NAIL & DISK
 LS LICENSED SURVEYOR
 M AS FIELD MEASURED
 ORB OFFICIAL RECORDS BOOK ESMT
 NGVD 29 NATIONAL GEODETIC VERTICAL DATUM OF 1929
 MHW MEAN HIGH WATER LINE
 EL ELEVATION

KUGELMANN LAND SURVEYING, INC.
 30 NORTH TROPICAL TRAIL, SUITE B
 MERRITT ISLAND, FLORIDA 32953
 L.B. NO. 6575 - PHONE (321) 459-0930

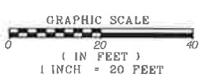
MAP OF BOUNDARY, TOPOGRAPHIC AND MEAN HIGH WATER LINE SURVEY PREPARED FOR AND CERTIFIED TO THE BOARD OF COUNTY COMMISSIONERS, BREVARD COUNTY, FLORIDA AND OLSEN ASSOCIATES, INC. 2618 HERSCHEL STREET JACKSONVILLE, FL 32204



SECTION 24, TOWNSHIP 27 SOUTH, RANGE 37 EAST



MAP OF BOUNDARY, TOPOGRAPHIC AND MEAN HIGH WATER LINE SURVEY PREPARED FOR AND CERTIFIED TO: THE BOARD OF COUNTY COMMISSIONERS, BREVARD COUNTY, FLORIDA AND OLSEN ASSOCIATES, INC. 2618 HERSCHEL STREET JACKSONVILLE, FL 32204



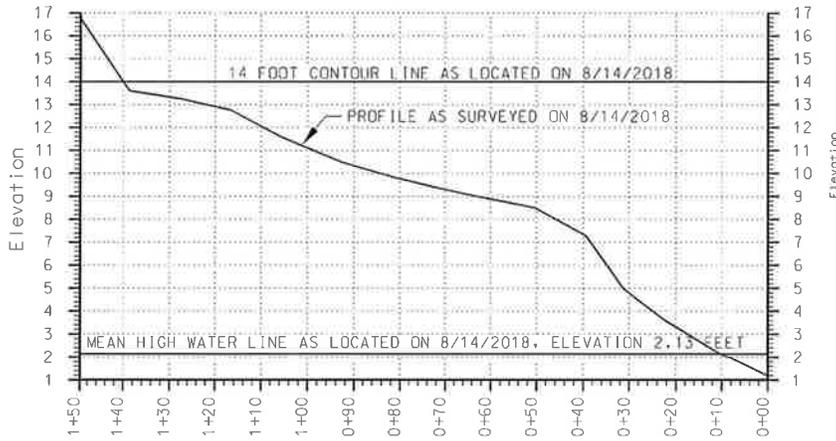
SYMBOL LEGENDS:	
⊙ WATER METER	⊕ PUMP
— POWER POLE	⊕ GAS METER
⊠ WATER GATE	⊠ TELEPHONE BOX
⊕ FIRE HYDRANT	⊕ TV CABLE BOX
⊠ CONCRETE	⊕ STORM CATCH BASIN
⊕ SAND	⊕ STORM DRAIN MANHOLE
⊕ SANITARY SEWER MANHOLE	⊕ BRICK PAVERS
⊕ EDP	⊕ TREE/SCRUB/DIRTY VEGETATION LINE
⊕ IDENTIFICATION	⊕ STORM DRAIN MANHOLE
⊕ PAGE	⊕ SANITARY SEWER MANHOLE
⊕ CHAIN LINK FENCE	⊕ EASEMENT

ABBREVIATIONS:
 FND FOUND
 NAD NAIL & DISK
 LS LICENSED SURVEYOR
 W AS FIELD MEASURED
 ORB OFFICIAL RECORDS BOOK
 NGVD 29 NATIONAL GEODETIC VERTICAL DATUM OF 1929
 MHWL MEAN HIGH WATER LINE
 EL ELEVATION
 EOP EDGE OF PAVEMENT
 ID IDENTIFICATION
 PG PAGE
 CLF CHAIN LINK FENCE

KUGELMANN LAND SURVEYING, INC.
 30 NORTH TROPICAL TRAIL, SUITE B
 MERRITT ISLAND, FLORIDA 32953
 L.B. NO. 6575 - PHONE (321) 459-0930

REVISIONS	
SEE REVISION NOTE ON SHEET 1	
DESCRIPTION	DATE
SIGNATURES	
DATE	
FIELD COMPLETION	4/10/15 & 8/14/18
DRAWN: KKW	4/21/15
CHECKED: MJF	4/21/15
SURVEYOR: DJK	4/21/15
SCALE: 1" = 20'	FIELD BOOK NO. SEE FILE
SIZE B	PROJ. NO. 2014051
DWG. NO. V8-BAP133-2D.DGN	SHEET 3 OF 4
SURVEYOR'S CERTIFICATE	
I HEREBY CERTIFY THAT THE SURVEY DEPICTED HEREON IS TRUE AND MEETS THE MINIMUM TECHNICAL STANDARDS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 5J-17.051 FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.	
DAVID J. KUGELMANN P.L.S. NO. 5117 STATE OF FLORIDA	

BRP-133 PROFILE



MAP OF BOUNDARY, TOPOGRAPHIC AND MEAN HIGH WATER LINE SURVEY PREPARED FOR AND CERTIFIED TO: THE BOARD OF COUNTY COMMISSIONERS, BREVARD COUNTY, FLORIDA AND OLSEN ASSOCIATES, INC., 2618 HERSCHEL STREET JACKSONVILLE, FL 32204

SYMBOL LEGEND	
⊙ WATER METER	⊕ PUMP
⊖ POWER POLE	⊕ GAS METER
⊗ WATER GATE	⊠ TELEPHONE BOX
⊕ FIRE HYDRANT	⊠ TV CABLE BOX
⊕ CONCRETE	⊕ STORM DRAIN MANHOLE
⊕ STORM CATCH BASIN	⊕ SANITARY SEWER MANHOLE
⊕ BRICK PAVERS	⊕ TREE/SCRUB/DUNE VEGETATION LINE
⊕ EDGE OF PAVEMENT	⊕ CHAIN LINK FENCE
⊕ IDENTIFICATION PAGE	⊕ EASEMENT
⊕ NGVD 29 NATIONAL GEODETIC VERTICAL DATUM OF 1929	⊕ MEAN HIGH WATER LINE ELEVATION

KUGELMANN LAND SURVEYING, INC.
 30 NORTH TROPICAL TRAIL, SUITE B
 MERRITT ISLAND, FLORIDA 32953
 L.B. NO. 6575 - PHONE (321) 459-0930

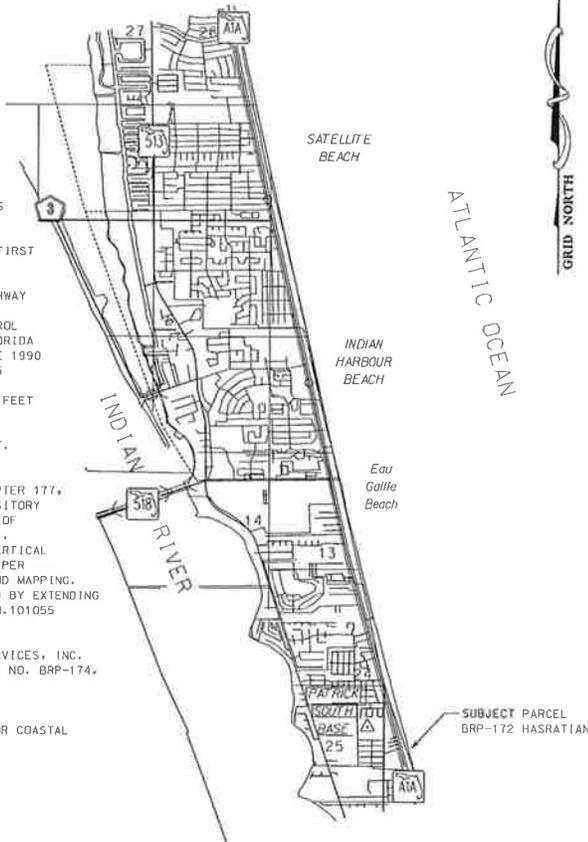
REVISIONS	
SEE REVISION NOTE ON SHEET 1	
DESCRIPTION	DATE
SIGNATURES	
DATE	
FIELD COMPLETION	4/10/15 & 8/14/18
DRAWN: KKW	4/21/15
CHECKED: MJF	4/21/15
SURVEYOR: DJK	4/21/15
NO SCALE	FIELD BOOK NO. SEE FILE
SIZE B	PROJ. NO. 2014051
DWG. NO. VB_BRP133_20.00H	SHEET 4 OF 4
SURVEYOR'S CERTIFICATE: I HEREBY CERTIFY THAT THE SURVEY DEPICTED HEREON IS TRUE AND MEETS THE MINIMUM TECHNICAL STANDARDS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS, IN CHAPTER 5J-17.051 FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.	
DAVID J. KUGELMANN P.L.S. NO. 5117 STATE OF FLORIDA	

SECTION 30, TOWNSHIP 27 SOUTH, RANGE 36 EAST

KUGELMANN LAND SURVEYING, INC.
 30 NORTH TROPICAL TRAIL, SUITE B
 MERRITT ISLAND, FLORIDA 32953
 L.B. NO. 6575 - PHONE (321) 459-0930

SURVEYOR'S NOTES:

1. THE PURPOSE OF THIS BOUNDARY SURVEY IS TO DETERMINE THE LOCATION OF THE MEAN HIGH WATER LINE AND THE FOURTEEN FOOT ELEVATION CONTOUR ON THE SEAWARD SIDE OF THE OUNE TO CREATE A BEACH RESTORATION EASEMENT FOR THE SUBJECT PROPERTY.
2. HORIZONTAL COORDINATES AND DISTANCES DEPICTED ARE EXPRESSED IN FEET AND DECIMAL FEET AND ARE REFERENCED TO THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (NAD83), 1990 ADJUSTMENT AND ARE BASED ON THE BREVARD COUNTY MONUMENTS "BREVARD GPS 1005" AND "BREVARD GPS 1007", HAVING PUBLISHED COORDINATES OF N=1370880.74, E=794451.53 AND N=1394597.61, E=788639.21 RESPECTIVELY.
3. BEARINGS DEPICTED ON SHEET 2 OF 3 ARE BASED ON THE 'PLAT OF FIRST ADDITION TO OCEAN PARK AS RECORDED IN PLAT BOOK 9, PAGE 25 OF THE PUBLIC RECORDS OF BREVARD COUNTY, FLORIDA AND ARE REFERENCED TO THE EASTERLY RIGHT OF WAY LINE OF U.S. HIGHWAY A-1-A HAVING AN ASSUMED PLAT BEARING OF N16°24'16"W.
4. BEARINGS DEPICTED ON SHEET 3 OF 3 (COASTAL CONSTRUCTION CONTROL LINE GEOMETRY (INFORMATION) ARE GRID BEARINGS BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, 1983 DATUM WITH THE 1990 ADJUSTMENT AND ARE BASED ON MONUMENTS 70-80-A36 AND 70-80-A35 HAVING A GRID BEARING OF N16°46'08"W.
5. ELEVATIONS DEPICTED HEREON ARE EXPRESSED IN FEET AND DECIMAL FEET AND ARE REFERENCED TO THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD29) AND ARE BASED ON BREVARD COUNTY MONUMENT "BREVARD GPS 1005" HAVING A PUBLISHED ELEVATION OF 14.72 FEET.
6. FLOOD ZONE "A0" PER FLOOD INSURANCE RATE MAP 12009C0602G, MARCH 17, 2014.
7. THE MEAN HIGH WATER SURVEY DEPICTED HEREON COMPLIES WITH CHAPTER 177, PART 11, FLORIDA STATUTES AND IS RECORDED IN THE PUBLIC REPOSITORY OF THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF SURVEYING AND MAPPING AS MEAN HIGH WATER SURVEY FILE NO. 6981.
8. MEAN HIGH WATER LINE ELEVATION 2.13 FEET NATIONAL GEODETIC VERTICAL DATUM OF 29, 0.74 FEET NORTH AMERICAN VERTICAL DATUM OF 1988 PER DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF SURVEYING AND MAPPING. THE MEAN HIGH WATER ELEVATION AS SHOWN HEREON WAS ESTABLISHED BY EXTENDING THE ELEVATION SHOWN AT MEAN HIGH WATER INTERPOLATION POINT NO.101055
9. FENCE OWNERSHIP UNKNOWN.
10. NO APPARENT ENCROACHMENTS NOTED.
11. THIS SURVEY WAS PERFORMED WITH THE BENEFIT OF B & B TITLE SERVICES, INC. OWNERSHIP AND ENCUMBRANCE CERTIFICATE STORED IN CUSTOMER FILE NO. BRP-174.
12. SURVEY DOES NOT WARRANT TITLE.
13. UNDERGROUND FOUNDATIONS AND/OR UTILITIES NOT LOCATED AT TIME OF SURVEY.
14. SEE SHEET 2 OF 3 FOR BOUNDARY SURVEY MAP AND SHEET 3 OF 3 FOR COASTAL CONSTRUCTION CONTROL LINE GEOMETRY.
15. THIS SURVEY WAS PREPARED FOR THE EXCLUSIVE USE OF THE CLIENT (S) SHOWN HEREON; COPIES ARE VALID ONLY WHEN SIGNED, DATED AND EMBOSSED WITH THE SURVEYOR'S SEAL.



VICINITY MAP

MAP OF BOUNDARY TOPOGRAPHIC AND MEAN HIGH WATER LINE SURVEY - PREPARED FOR AND CERTIFIED TO: THE BOARD OF COUNTY COMMISSIONERS, BREVARD COUNTY, FLORIDA AND OLSEN ASSOCIATES, INC. 2610 HERSCHEL STREET JACKSONVILLE, FL. 32204

LEGAL DESCRIPTION OF PARENT TRACT: LOTS 29 AND 30, PLAT OF FIRST ADDITION TO OCEAN PARK, AS RECORDED IN PLAT BOOK 9, PAGE 25, PUBLIC RECORDS OF BREVARD COUNTY, FLORIDA, CONTAINING 1.03 ACRES MORE OR LESS.

REVISIONS

UPDATED MEAN HIGH WATER LINE, 14-FOOT CONTOUR LINE, BEACH TOPOGRAPHY, BEACH TOPOGRAPHY PROFILE AND REVISED EASEMENT LEGAL DESCRIPTION 09/01/2018

DESCRIPTION	DATE
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SIGNATURES	DATE
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FIELD COMPLETION	10/10/14 & 8/13/18
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DRAWN: KKW & DJK	10/13/14
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CHECKED: KKW & MF	10/13/14
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SURVEYOR: DJK	10/13/14
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NOT TO SCALE	FIELD BOOK NO. SEE FILE
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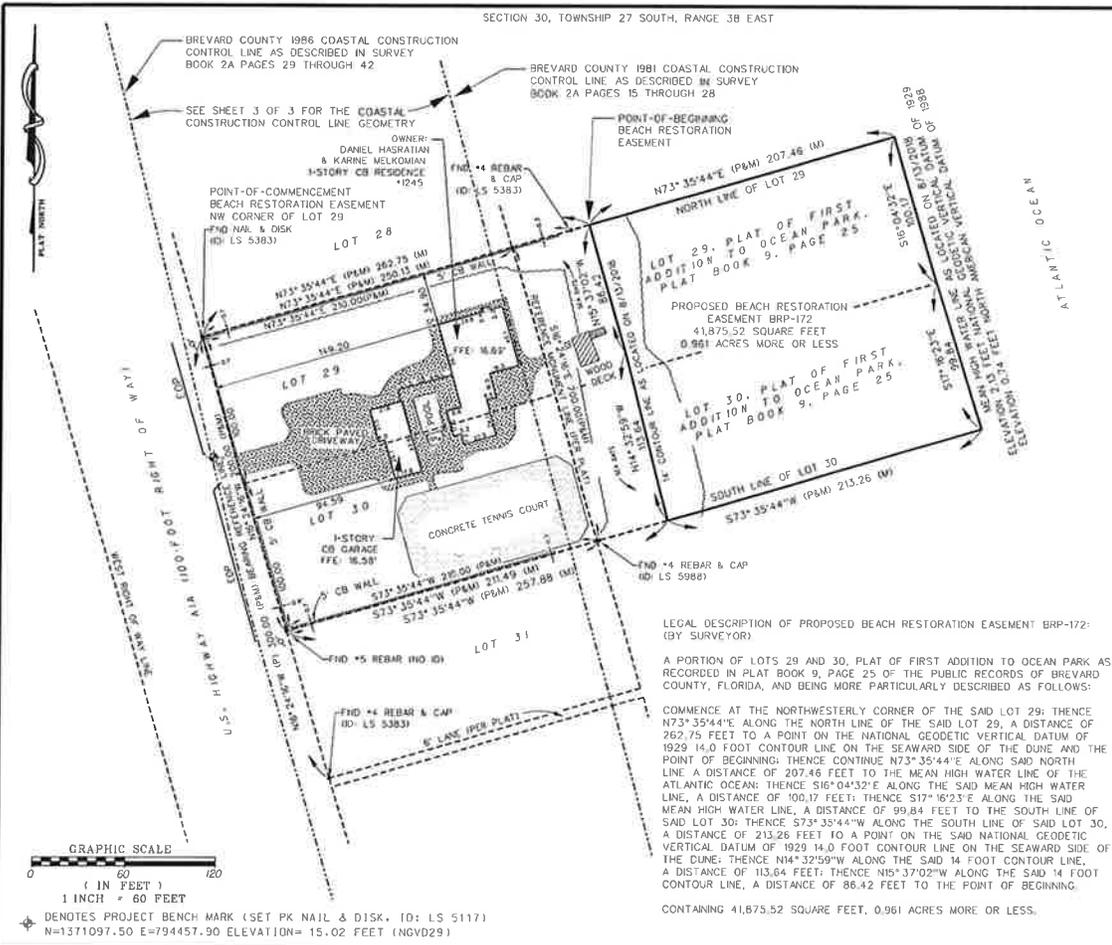
DWG. NO. VB-SH1_VICINITYMAP_BRP-172.DGN

SIZE B	SHEET 1 OF 5	PROJ. NO. 2014051
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SURVEYOR'S CERTIFICATE
 I HEREBY CERTIFY THAT THE SURVEY DEPICTED HEREON IS TRUE AND MEETS THE MINIMUM TECHNICAL STANDARDS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 5J-17.051, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

DAVID J. KUGELMANN P.L.S., NO. 5117
 STATE OF FLORIDA

SECTION 30, TOWNSHIP 27 SOUTH, RANGE 38 EAST



KUGELMANN LAND SURVEYING, INC.
 30 NORTH TROPICAL TRAIL, SUITE B
 MERRITT ISLAND, FLORIDA 32953
 L.B. NO. 6575 - PHONE (321) 459-0930

MAP OF BOUNDARY, TOPOGRAPHIC AND MEAN HIGH WATER LINE SURVEY PREPARED FOR AND CERTIFIED TO:
 THE BOARD OF COUNTY COMMISSIONERS, BREVARD COUNTY, FLORIDA AND OLSEN ASSOCIATES, INC., 2810 HERSCHEL STREET JACKSONVILLE, FL 32204

LEGAL DESCRIPTION OF PARENT TRACT:
 LOTS 29 AND 30, PLAT OF FIRST ADDITION TO OCEAN PARK, ACCORDING TO THE PLAT THEREOF RECORDED IN PLAT BOOK 9, PAGE 25, OF THE PUBLIC RECORDS OF BREVARD COUNTY, FLORIDA, CONTAINING 2.07 ACRES MORE OR LESS.

SYMBOL LEGEND:
 WATER METER, POWER POLE, WATER GATE, FIRE HYDRANT, PUMP, GAS METER, TELEPHONE BOX, TV CABLE BOX, CONCRETE, BRICK PAVERS, TREE/SCRUB/DUNE VEGETATION LINE

ABBREVIATIONS:
 FND FOUND, N&D NAIL & DISK, C/L CENTERLINE, PCP PERMANENT CONTROL POINT, PRM PERMANENT REFERENCE MONUMENT, P PLAN, W AS FIELD MEASURED, CB CONCRETE BLOCK, FFE FINISH FLOOR ELEVATION

NGVD 29 NATIONAL GEODETIC VERTICAL DATUM OF 1929

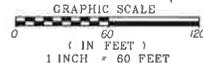
REVISIONS

SEE REVISION NOTE ON SHEET 1

DESCRIPTION	DATE
SIGNATURES	DATE
FIELD COMPLETION	10/10/14 & 6/13/18
DRAWN: KKW & DJK	10/13/14
CHECKED: KKW & MJF	10/13/14
SURVEYOR: DJK	10/13/14
SCALE: 1" = 60'	FIELD BOOK NO. SEE FILE
SIZE B	PROJ. NO. 2014051
HWG. NO. 2014051-BRP-172_2D_SH2.DGN	SHEET 2 OF 5

SURVEYOR'S CERTIFICATE
 I HEREBY CERTIFY THAT THE SURVEY DEPICTED HEREON IS TRUE AND MEETS THE MINIMUM TECHNICAL STANDARDS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 5J-17.051 FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

DAVID J. KUGELMANN P.L.S. NO. 5117
 STATE OF FLORIDA



DENOTES PROJECT BENCH MARK (SET PK NAIL & DISK, ID: LS 5117)
 N=1371097.50 E=794457.90 ELEVATION= 15.02 FEET (NGVD29)

SECTION 30, TOWNSHIP 27 SOUTH, RANGE 38 EAST

KUGELMANN LAND SURVEYING, INC.
 30 NORTH TROPICAL TRAIL, SUITE B
 MERRITT ISLAND, FLORIDA 32953
 L.B. NO. 6575 - PHONE (321) 459-0930

MAP OF BOUNDARY, TOPOGRAPHIC AND MEAN HIGH WATER LINE SURVEY PREPARED FOR AND CERTIFIED TO THE BOARD OF COUNTY COMMISSIONERS, BREVARD COUNTY, FLORIDA AND OLSEN ASSOCIATES, INC. 2618 HERSCHEL STREET JACKSONVILLE, FL 32204

LEGAL DESCRIPTION OF PARENT TRACT: LOTS 29 AND 30, PLAT OF FIRST ADDITION TO OCEAN PARK, ACCORDING TO THE PLAT THEREOF RECORDED IN PLAT BOOK 9, PAGE 25, OF THE PUBLIC RECORDS OF BREVARD COUNTY, FLORIDA, CONTAINING 2.07 ACRES MORE OR LESS.

- SYMBOL LEGEND:
- ⊙ WATER METER
 - ⊖ POWER POLE
 - ⊠ WATER GATE
 - ⊕ FIRE HYDRANT
 - ⊡ PUMP
 - ⊛ GAS METER
 - ⊞ TELEPHONE BOX
 - ⊟ TV CABLE BOX
 - ⊝ CONCRETE
 - ▨ BRICK PAVERS
 - ⊞ TREE/SCRUB/DUNE VEGETATION
 - LINE
- ABBREVIATIONS:
- FND FOUND
 - N&D NAIL & DISK
 - C/L CENTERLINE
 - PCP PERMANENT CONTROL POINT
 - PRM PERMANENT REFERENCE MONUMENT
 - P PLAN
 - M AS FIELD MEASURED
 - CB CONCRETE BLOCK
 - FFE FINISH FLOOR ELEVATION
 - NGVD 29 NATIONAL GEODETIC VERTICAL DATUM OF 1929

REVISIONS

SEE REVISION NOTE ON SHEET 1

DESCRIPTION	DATE
SIGNATURES	DATE

FIELD COMPLETION 10/10/14 & 8/13/18

DRAWN: KKW & DJK 10/13/14

CHECKED: KKW & MJF 10/13/14

SURVEYOR: DJK 10/13/14

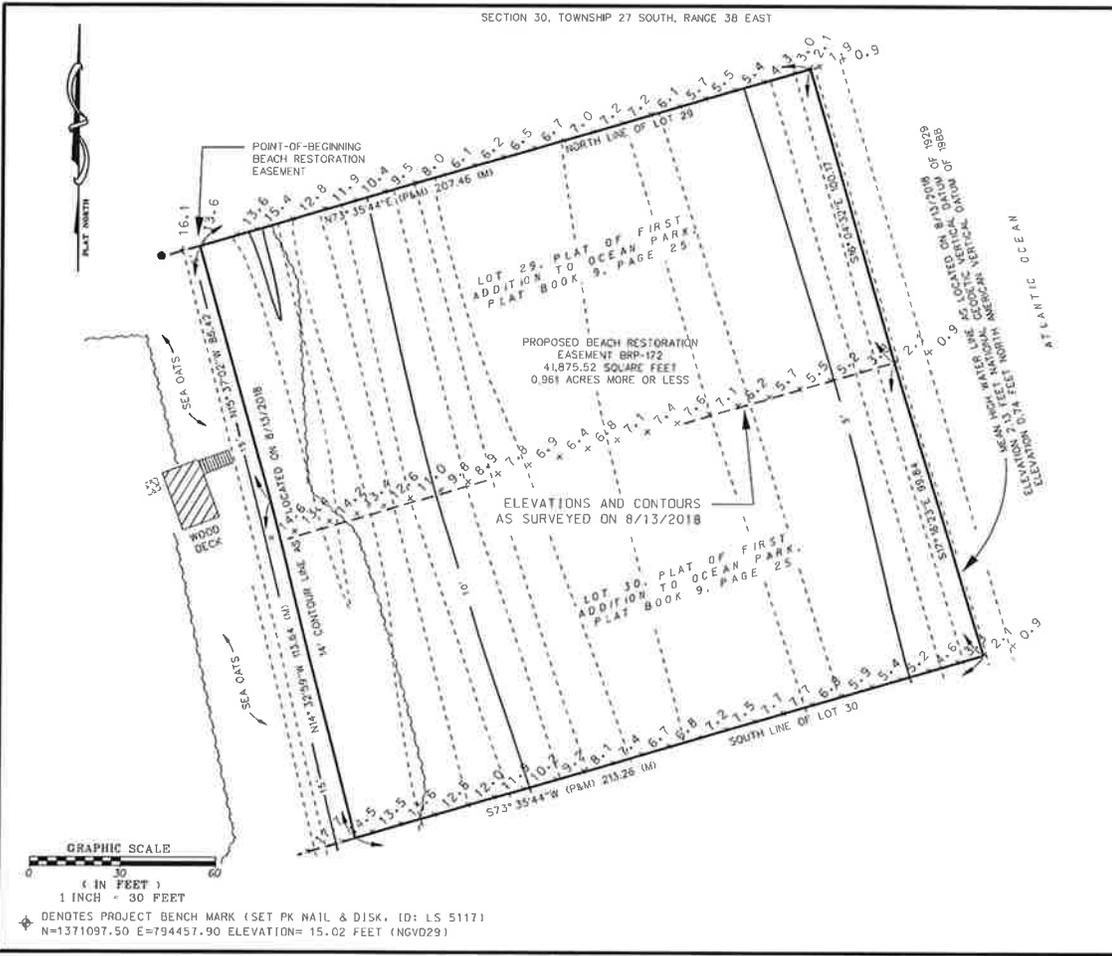
SCALE: 1" = 30' FIELD BOOK NO. SEE FILE

SIZE B PROJ. NO. 2014051

DWG. NO. 2014051_BRP-172_2D_SH4.DGN SHEET 4 OF 5

SURVEYOR'S CERTIFICATE
 I HEREBY CERTIFY THAT THE SURVEY DEPICTED HEREON IS TRUE AND MEETS THE MINIMUM TECHNICAL STANDARDS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 5J-17.051 FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

DAVID J. KUGELMANN P.L.S. NO. 5117
 STATE OF FLORIDA



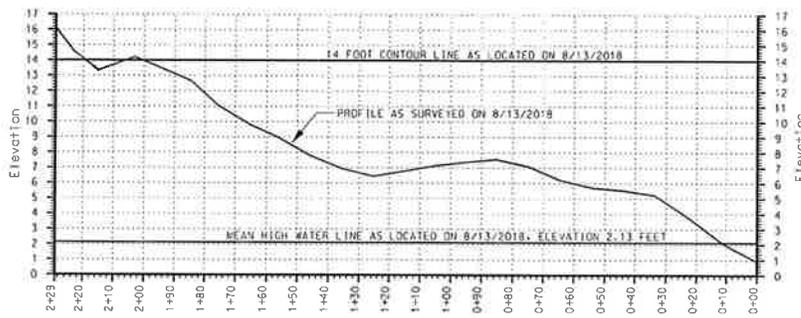
SECTION 30, TOWNSHIP 27 SOUTH, RANGE 38 EAST

KUGELMANN LAND SURVEYING, INC.
 30 NORTH TROPICAL TRAIL, SUITE B
 MERRITT ISLAND, FLORIDA 32953
 L.B. NO. 6375 - PHONE (321) 459-0930

MAP OF BOUNDARY, TOPOGRAPHIC AND MEAN HIGH WATER LINE SURVEY PREPARED FOR AND CERTIFIED TO:
 THE BOARD OF COUNTY COMMISSIONERS, BREVARD COUNTY, FLORIDA AND OLSEN ASSOCIATES, INC., 2818 HERSCHEL STREET JACKSONVILLE, FL 32204

LEGAL DESCRIPTION OF PARENT TRACT:
 LOTS 29 AND 30, PLAT OF FIRST ADDITION TO OCEAN PARK, ACCORDING TO THE PLAT THEREOF RECORDED IN PLAT BOOK 9, PAGE 25, OF THE PUBLIC RECORDS OF BREVARD COUNTY, FLORIDA, CONTAINING 2.07 ACRES MORE OR LESS.

BRP-172 PROFILE



SYMBOL LEGEND:
 (circle with cross) WATER METER (circle with cross) PUMP (cross-hatch) BRICK PAVERS
 (circle with dot) POWER POLE (circle with cross) GAS METER (dashed line) TREE/SCRUB/DUNE VEGETATION LINE
 (circle with cross) WATER GATE (circle with cross) TELEPHONE BOX
 (circle with cross) FIRE HYDRANT (circle with cross) TV CABLE BOX
 (circle with cross) CONCRETE

ABBREVIATIONS:
 FND FOUND EDP EDGE OF PAVEMENT
 N&D NAIL & DISK ID IDENTIFICATION
 C/L CENTER LINE LS LICENSED SURVEYOR
 PCP PERMANENT CONTROL POINT
 PRM PERMANENT REFERENCE MONUMENT
 P PLAN
 M AS FIELD MEASURED
 CB CONCRETE BLOCK
 FFE FINISH FLOOR ELEVATION
 NGVD 29 NATIONAL GEODETIC VERTICAL DATUM OF 1929

REVISIONS

SEE REVISION NOTE ON SHEET 1

DESCRIPTION	DATE
SIGNATURES	DATE

FIELD COMPLETION	10/10/14 & 8/13/18
DRAWN: KKW & DJK	10/13/14
CHECKED: KKW & MJF	10/13/14
SURVEYOR: DJK	10/13/14

NO SCALE	FIELD BOOK NO. SEE FILE
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SIZE B PROJ. NO. 2014051

FIG. NO. 2014051_BRP-172_2D_S14.DGN SHEET 5 OF 5

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE SURVEY DEPICTED HEREON IS TRUE AND MEETS THE MINIMUM TECHNICAL STANDARDS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 5J-17.051 FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

DAYID J. KUGELMANN P.L.S. NO. 5117

STATE OF FLORIDA

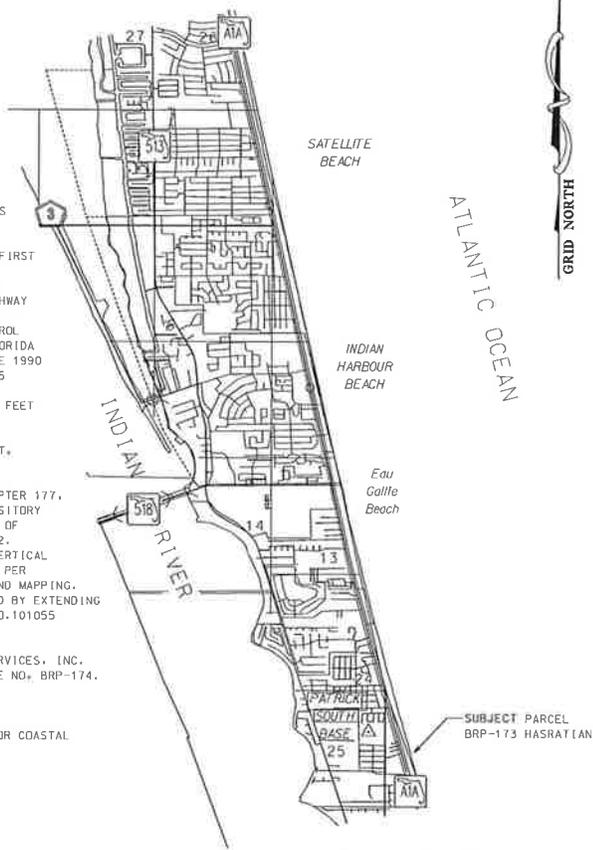
◆ DENOTES PROJECT BENCH MARK (SET PK NAIL & DISK, 10: LS 5117)
 N=1371097.50 E=794457.90 ELEVATION= 15.02 FEET (NGVD29)

SECTION 30, TOWNSHIP 27 SOUTH, RANGE 38 EAST

KUGELMANN LAND SURVEYING, INC.
 30 NORTH TROPICAL TRAIL, SUITE B
 MERRITT ISLAND, FLORIDA 32953
 L.B. NO. 6575 - PHONE (321) 459-0930

SURVEYOR'S NOTES:

1. THE PURPOSE OF THIS BOUNDARY SURVEY IS TO DETERMINE THE LOCATION OF THE MEAN HIGH WATER LINE AND THE FOURTEEN FOOT ELEVATION CONTOUR ON THE SEAWARD SIDE OF THE DUNE TO CREATE A BEACH RESTORATION EASEMENT FOR THE SUBJECT PROPERTY.
2. HORIZONTAL COORDINATES AND DISTANCES DEPICTED ARE EXPRESSED IN FEET AND DECIMAL FEET AND ARE REFERENCED TO THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (NAD83), 1990 ADJUSTMENT AND ARE BASED ON THE BREVARD COUNTY MONUMENTS 'BREVARD GPS 1005' AND 'BREVARD GPS 1007', HAVING PUBLISHED COORDINATES OF N=1370880.74, E=794451.53 AND N=1394597.61, E=788639.21 RESPECTIVELY.
3. BEARINGS DEPICTED ON SHEET 2 OF 3 ARE BASED ON THE 'PLAT OF FIRST ADDITION TO OCEAN PARK AS RECORDED IN PLAT BOOK 9, PAGE 25 OF THE PUBLIC RECORDS OF BREVARD COUNTY, FLORIDA AND ARE REFERENCED TO THE EASTERLY RIGHT OF WAY LINE OF U.S. HIGHWAY A-1-A HAVING AN ASSUMED PLAT BEARING OF N16°24'16"W.
4. BEARINGS DEPICTED ON SHEET 3 OF 3 (COASTAL CONSTRUCTION CONTROL LINE GEOMETRY INFORMATION) ARE GRID BEARINGS BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, 1983 DATUM WITH THE 1990 ADJUSTMENT AND ARE BASED ON MONUMENTS 70-80-A36 AND 70-80-A35 HAVING A GRID BEARING OF N16°46'08"W.
5. ELEVATIONS DEPICTED HEREON ARE EXPRESSED IN FEET AND DECIMAL FEET AND ARE REFERENCED TO THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD29) AND ARE BASED ON BREVARD COUNTY MONUMENT 'BREVARD GPS 1005' HAVING A PUBLISHED ELEVATION OF 14.72 FEET.
6. FLOOD ZONE "AQ" PER FLOOD INSURANCE RATE MAP 12009C0602G, MARCH 17, 2014.
7. THE MEAN HIGH WATER SURVEY DEPICTED HEREON COMPLIES WITH CHAPTER 177, PART II, FLORIDA STATUTES AND IS RECORDED IN THE PUBLIC REPOSITORY OF THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF SURVEYING AND MAPPING AS MEAN HIGH WATER SURVEY FILE NO. 6982.
8. MEAN HIGH WATER LINE ELEVATION 2.13 FEET NATIONAL GEODETIC VERTICAL DATUM OF 29, 0.74 FEET NORTH AMERICAN VERTICAL DATUM OF 1988 PER DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF SURVEYING AND MAPPING. THE MEAN HIGH WATER ELEVATION AS SHOWN HEREON WAS ESTABLISHED BY EXTENDING THE ELEVATION SHOWN AT MEAN HIGH WATER INTERPOLATION POINT NO. 101055
9. FENCE OWNERSHIP UNKNOWN.
10. NO APPARENT ENCROACHMENTS NOTED.
11. THIS SURVEY WAS PERFORMED WITH THE BENEFIT OF B & B TITLE SERVICES, INC. OWNERSHIP AND ENCUMBRANCE CERTIFICATE STORED IN CUSTOMER FILE NO. BRP-174.
12. SURVEY DOES NOT WARRANT TITLE.
13. UNDERGROUND FOUNDATIONS AND/OR UTILITIES NOT LOCATED AT TIME OF SURVEY.
14. SEE SHEET 2 OF 3 FOR BOUNDARY SURVEY MAP AND SHEET 3 OF 3 FOR COASTAL CONSTRUCTION CONTROL LINE GEOMETRY.
15. THIS SURVEY WAS PREPARED FOR THE EXCLUSIVE USE OF THE CLIENT (S) SHOWN HEREON; COPIES ARE VALID ONLY WHEN SIGNED, DATED AND EMBOSSED WITH THE SURVEYOR'S SEAL.



VICINITY MAP

MAP OF BOUNDARY, TOPOGRAPHIC AND MEAN HIGH WATER LINE SURVEY PREPARED FOR AND CERTIFIED TO: THE BOARD OF COUNTY COMMISSIONERS, BREVARD COUNTY, FLORIDA AND OLSEN ASSOCIATES, INC. 2618 HERSCHEL STREET JACKSONVILLE, FL 32204

LEGAL DESCRIPTION OF PARENT TRACT: LOT 31, FIRST ADDITION TO OCEAN PARK, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 9, PAGE 25. PUBLIC RECORDS OF BREVARD COUNTY, FLORIDA, CONTAINING 1.04 ACRES MORE OR LESS.

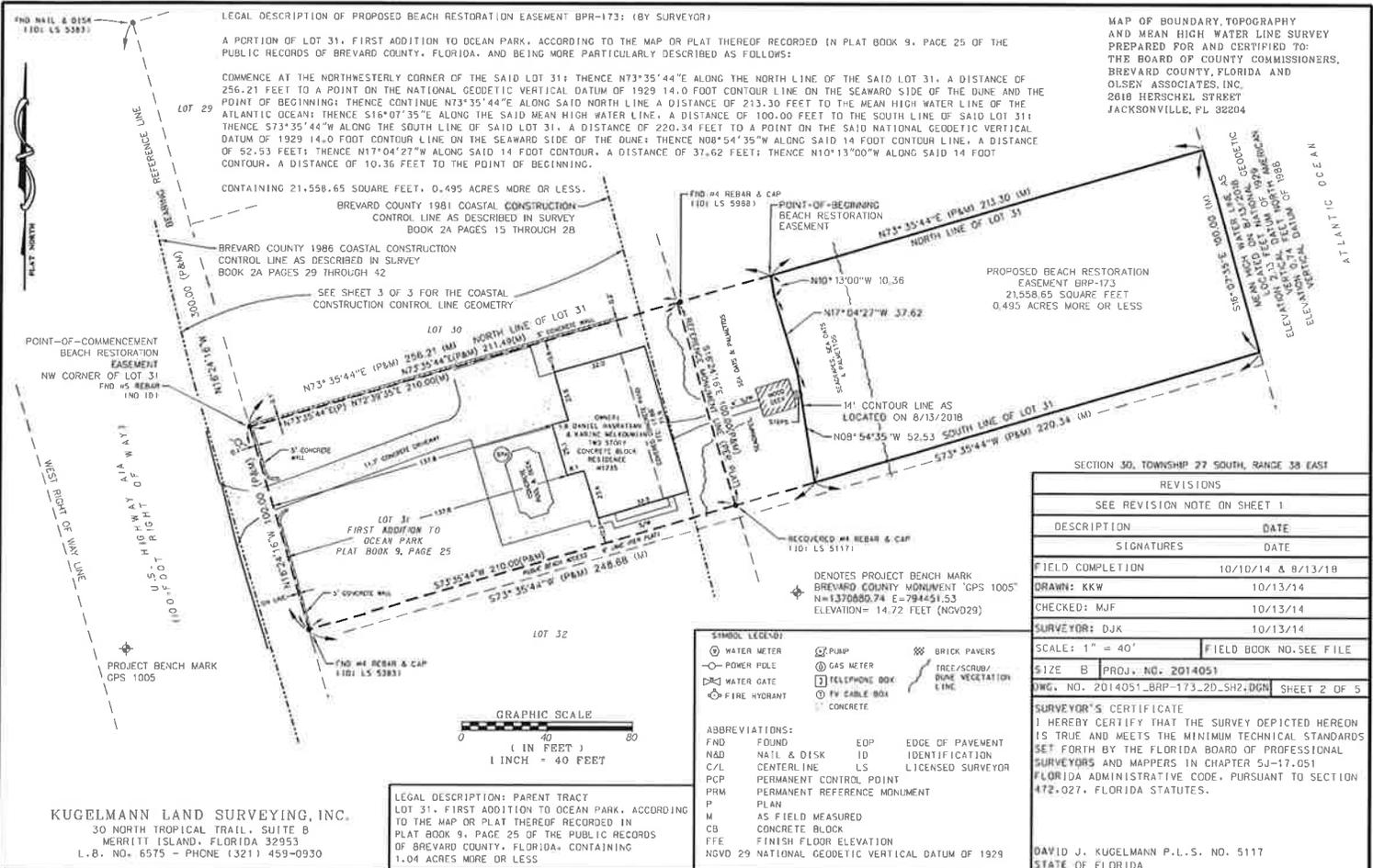
REVISIONS	
UPDATED MEAN HIGH WATER LINE, 14-FOOT CONTOUR LINE, BEACH TOPOGRAPHY, BEACH TOPOGRAPHY PROFILE AND REVISED EASEMENT LEGAL DESCRIPTION	08/29/2018

DESCRIPTION	DATE
SIGNATURES	DATE

FIELD COMPLETION	10/10/14 & 8/13/18
DRAWN: KKW & DJK	10/13/14
CHECKED: KKW & MF	10/13/14
SURVEYOR: DJK	10/13/14
NOT TO SCALE	FIELD BOOK NO. SEE FILE
DWG: NO.V8_SH1_VICINITYMAP_BRP-173.DGN	
SIZE B	SHEET 1 OF 5 PROJ. NO. 2014051

SURVEYOR'S CERTIFICATE
 I HEREBY CERTIFY THAT THE SURVEY DEPICTED HEREON IS TRUE AND MEETS THE MINIMUM TECHNICAL STANDARDS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 5J-17.051, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

DAVID J. KUGELMANN P.L.S. NO. 5117
 STATE OF FLORIDA



LEGAL DESCRIPTION OF PROPOSED BEACH RESTORATION EASEMENT BPR-173: (BY SURVEYOR)

A PORTION OF LOT 31, FIRST ADDITION TO OCEAN PARK, ACCORDING TO THE MAP OR PLAT THEREOF RECORDED IN PLAT BOOK 9, PAGE 25 OF THE PUBLIC RECORDS OF BREVARD COUNTY, FLORIDA, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE NORTHWESTERLY CORNER OF THE SAID LOT 31; THENCE N73°35'44"E ALONG THE NORTH LINE OF THE SAID LOT 31, A DISTANCE OF 256.21 FEET TO A POINT ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 14.0 FOOT CONTOUR LINE ON THE SEAWARD SIDE OF THE DUNE AND THE POINT OF BEGINNING; THENCE CONTINUE N73°35'44"E ALONG SAID NORTH LINE A DISTANCE OF 213.30 FEET TO THE MEAN HIGH WATER LINE OF THE ATLANTIC OCEAN; THENCE S14°07'35"E ALONG THE SAID MEAN HIGH WATER LINE, A DISTANCE OF 100.00 FEET TO THE SOUTH LINE OF SAID LOT 31; THENCE S73°35'44"W ALONG THE SOUTH LINE OF SAID LOT 31, A DISTANCE OF 220.34 FEET TO A POINT ON THE SAID NATIONAL GEODETIC VERTICAL DATUM OF 1929 14.0 FOOT CONTOUR LINE ON THE SEAWARD SIDE OF THE DUNE; THENCE N08°54'35"W ALONG SAID 14 FOOT CONTOUR LINE, A DISTANCE OF 52.53 FEET; THENCE N17°04'27"W ALONG SAID 14 FOOT CONTOUR, A DISTANCE OF 37.62 FEET; THENCE N10°13'00"W ALONG SAID 14 FOOT CONTOUR, A DISTANCE OF 10.36 FEET TO THE POINT OF BEGINNING.

CONTAINING 21,558.65 SQUARE FEET, 0.495 ACRES MORE OR LESS.

BREVARD COUNTY 1981 COASTAL CONSTRUCTION CONTROL LINE AS DESCRIBED IN SURVEY BOOK 2A PAGES 15 THROUGH 28

BREVARD COUNTY 1986 COASTAL CONSTRUCTION CONTROL LINE AS DESCRIBED IN SURVEY BOOK 2A PAGES 29 THROUGH 42

SEE SHEET 3 OF 3 FOR THE COASTAL CONSTRUCTION CONTROL LINE GEOMETRY

MAP OF BOUNDARY, TOPOGRAPHY AND MEAN HIGH WATER LINE SURVEY PREPARED FOR AND CERTIFIED TO: THE BOARD OF COUNTY COMMISSIONERS, BREVARD COUNTY, FLORIDA AND OLSEN ASSOCIATES, INC. 2018 HERSCHEL STREET JACKSONVILLE, FL 32204

PROPOSED BEACH RESTORATION EASEMENT BPR-173 21,558.65 SQUARE FEET 0.495 ACRES MORE OR LESS

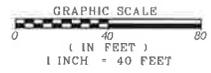
SECTION 30, TOWNSHIP 27 SOUTH, RANGE 38 EAST

REVISIONS	
SEE REVISION NOTE ON SHEET 1	
DESCRIPTION	DATE
SIGNATURES	DATE
FIELD COMPLETION	10/10/14 & 8/13/18
DRAWN: KKW	10/13/14
CHECKED: MJF	10/13/14
SURVEYOR: DJK	10/13/14
SCALE: 1" = 40'	FIELD BOOK NO. SEE FILE
SIZE B	PROJ. NO. 2014051
DWG. NO. 2014051-BRP-173_2D_SH2.DGN	SHEET 2 OF 5
SURVEYOR'S CERTIFICATE	
I HEREBY CERTIFY THAT THE SURVEY DEPICTED HEREON IS TRUE AND MEETS THE MINIMUM TECHNICAL STANDARDS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 5J-17.051 FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.	
DAVID J. KUGELMANN P.L.S. NO. 5117	
STATE OF FLORIDA	

- SYMBOL LEGEND**
- ⊙ WATER METER
 - ⊖ POWER METER
 - ⊕ WATER GATE
 - ⊕ FIRE HYDRANT
 - ⊕ PLUMP
 - ⊕ GAS METER
 - ⊕ TELEPHONE BOX
 - ⊕ FV CABLE BOX
 - ⊕ CONCRETE
 - ⊕ BRICK PAVERS
 - ⊕ TREE/SCRUB/DUKE VEGETATION
 - ⊕ LINE
- ABBREVIATIONS:**
- FND FOUND
 - N&D NAIL & DISK
 - C/L CENTERLINE
 - PCP PERMANENT CONTROL POINT
 - PRM PERMANENT REFERENCE MONUMENT
 - P PLAN
 - M AS FIELD MEASURED
 - CB CONCRETE BLOCK
 - FFE FINISH FLOOR ELEVATION
 - NGVD 29 NATIONAL GEODETIC VERTICAL DATUM OF 1929
 - EDP EDGE OF PAVEMENT
 - ID IDENTIFICATION
 - LS LICENSED SURVEYOR
 - PLAN PERMANENT REFERENCE MONUMENT
 - AS FIELD MEASURED
 - CONCRETE BLOCK
 - FINISH FLOOR ELEVATION
 - NATIONAL GEODETIC VERTICAL DATUM OF 1929

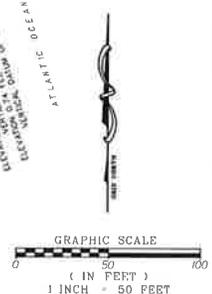
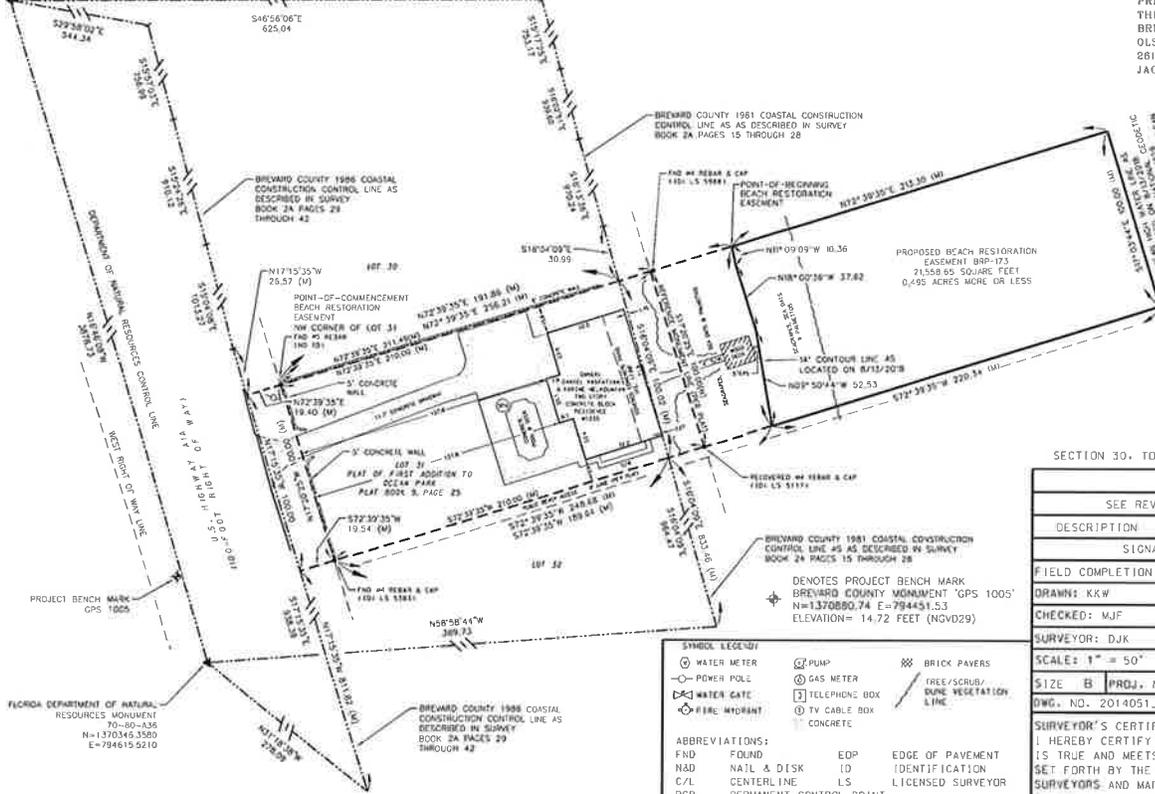
LEGAL DESCRIPTION: PARENT TRACT
 LOT 31, FIRST ADDITION TO OCEAN PARK, ACCORDING TO THE MAP OR PLAT THEREOF RECORDED IN PLAT BOOK 9, PAGE 25 OF THE PUBLIC RECORDS OF BREVARD COUNTY, FLORIDA, CONTAINING 1.04 ACRES MORE OR LESS

KUGELMANN LAND SURVEYING, INC.
 30 NORTH TROPICAL TRAIL, SUITE B
 MERRITT ISLAND, FLORIDA 32953
 L.B. NO. 6575 - PHONE (321) 459-0930



FLORIDA DEPARTMENT OF NATURAL RESOURCES MONUMENT 70-80-433
N=1374080.1500, E=792458.4550

MAP OF BOUNDARY, TOPOGRAPHY AND MEAN HIGH WATER LINE SURVEY PREPARED FOR AND CERTIFIED TO: THE BOARD OF COUNTY COMMISSIONERS, BREVARD COUNTY, FLORIDA AND OLSEN ASSOCIATES, INC. 2618 HERSCHEL STREET JACKSONVILLE, FL 32204



SECTION 30, TOWNSHIP 27 SOUTH, RANGE 38 EAST

REVISIONS	
SEE REVISION NOTE ON SHEET 1	
DESCRIPTION	DATE
SIGNATURES	DATE
FIELD COMPLETION	10/10/14 & 8/13/18
DRAWN: KKW	10/13/14
CHECKED: MJF	10/13/14
SURVEYOR: DJK	10/13/14
SCALE: 1" = 50'	FIELD BOOK NO. SEE FILE
SIZE B	PROJ. NO. 2014051
DWG. NO. 2014051_BRP-173_2D_SH3.DGN	SHEET 3 OF 5

SYMBOL LEGEND

⊙ WATER METER	⊕ PUMP	▨ BRICK PAVERS
⊖ POWER POLE	⊕ GAS METER	▨ TREE/SCRUB/ DUNE VEGETATION
⊕ WATER GATE	⊕ TELEPHONE BOX	▨ LINE
⊕ FIRE HYDRANT	⊕ TV CABLE BOX	▨ CONCRETE

ABBREVIATIONS:

FND FOUND	EDP EDGE OF PAVEMENT
N&D NAIL & DISK	ID IDENTIFICATION
C/L CENTERLINE	LS LICENSED SURVEYOR
PCP PERMANENT CONTROL POINT	
PRM PERMANENT REFERENCE MONUMENT	
P PLAN	
M AS FIELD MEASURED	
CB CONCRETE BLOCK	
FFE FINISH FLOOR ELEVATION	
NGVD 29 NATIONAL GEODETIC VERTICAL DATUM OF 1929	

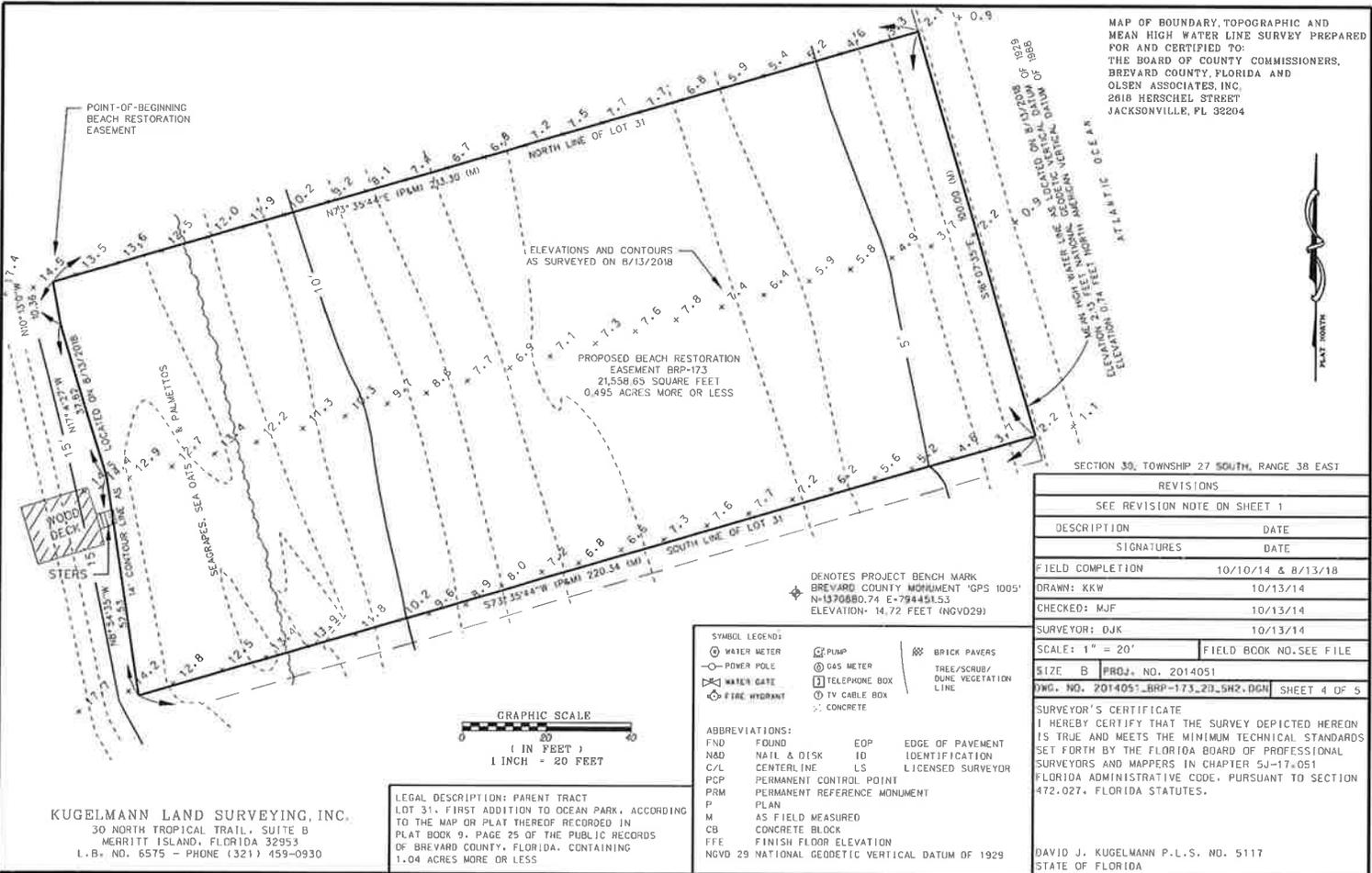
SURVEYOR'S CERTIFICATE
I HEREBY CERTIFY THAT THE SURVEY DEPICTED HEREON IS TRUE AND MEETS THE MINIMUM TECHNICAL STANDARDS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 5J-17.051 FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

DAVID J. KUGELMANN P.L.S. NO. 5117
STATE OF FLORIDA

KUGELMANN LAND SURVEYING, INC.
30 NORTH TROPICAL TRAIL, SUITE B
MERRITT ISLAND, FLORIDA 32953
L.B. NO. 6575 - PHCNE (321) 459-0930

LEGAL DESCRIPTION: PARENT TRACT LOT 31, FIRST ADDITION TO OCEAN PARK, ACCORDING TO THE MAP OR PLAT THEREOF RECORDED IN PLAT BOOK 9, PAGE 25 OF THE PUBLIC RECORDS OF BREVARD COUNTY, FLORIDA, CONTAINING 1.04 ACRES MORE OR LESS

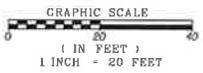
MAP OF BOUNDARY, TOPOGRAPHIC AND MEAN HIGH WATER LINE SURVEY PREPARED FOR AND CERTIFIED TO: THE BOARD OF COUNTY COMMISSIONERS, BREVARD COUNTY, FLORIDA AND OLSEN ASSOCIATES, INC. 2818 HERSHEL STREET JACKSONVILLE, FL 32204



KUGELMANN LAND SURVEYING, INC.
30 NORTH TROPICAL TRAIL, SUITE B
MERRITT ISLAND, FLORIDA 32953
L.B. NO. 6575 - PHONE (321) 459-0930

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- SYMBOL LEGEND:
- ⊕ WATER METER
 - ⊖ POWER POLE
 - ⊗ WATER GATE
 - ⊕ FIRE HYDRANT
 - ⊕ PUMP
 - ⊕ GAS METER
 - ⊕ TELEPHONE BOX
 - ⊕ TV CABLE BOX
 - ⊕ CONCRETE
 - ⊕ BRICK PAVERS
 - ⊕ TREE/SCRUB/ DUNE VEGETATION LINE
- ABBREVIATIONS:
- FND FOUND
 - N&D NAIL & DISK
 - C/L CENTERLINE
 - PCP PERMANENT CONTROL POINT
 - PRM PERMANENT REFERENCE MONUMENT
 - P PLAN
 - M AS FIELD MEASURED
 - CB CONCRETE BLOCK
 - FFE FINISH FLOOR ELEVATION
 - NGVD 29 NATIONAL GEODETIC VERTICAL DATUM OF 1929
 - EDP EDGE OF PAVEMENT
 - ID IDENTIFICATION
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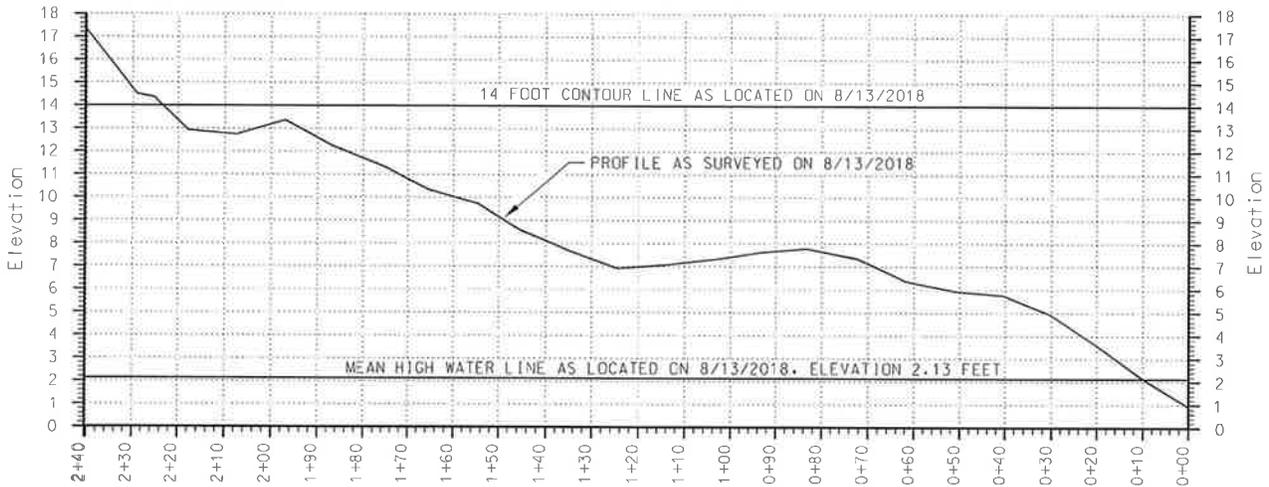


SECTION 30, TOWNSHIP 27 SOUTH, RANGE 38 EAST

REVISIONS	
SEE REVISION NOTE ON SHEET 1	
DESCRIPTION	DATE
SIGNATURES	
FIELD COMPLETION	10/10/14 & 8/13/18
DRAWN: KKW	10/13/14
CHECKED: MJF	10/13/14
SURVEYOR: DJK	10/13/14
SCALE: 1" = 20'	FIELD BOOK NO. SEE FILE
SIZE B	PROJ. NO. 2014051
ENG. NO. 2014051-BRP-173-20-5H2-DGN SHEET 4 OF 5	
SURVEYOR'S CERTIFICATE	
I HEREBY CERTIFY THAT THE SURVEY DEPICTED HEREON IS TRUE AND MEETS THE MINIMUM TECHNICAL STANDARDS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 5J-17.051 FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.	
DAVID J. KUGELMANN P.L.S. NO. 5117 STATE OF FLORIDA	



BRP-173 PROFILE



MAP OF BOUNDARY, TOPOGRAPHIC AND MEAN HIGH WATER LINE SURVEY PREPARED FOR AND CERTIFIED TO THE BOARD OF COUNTY COMMISSIONERS, BREVARD COUNTY, FLORIDA AND OLSEN ASSOCIATES, INC.
2618 HERSCHEL STREET
JACKSONVILLE, FL 32204

- SYMBOL LEGEND:**
- WATER METER
 - PUMP
 - PUMPER POLE
 - GAS METER
 - WATER GATE
 - TELEPHONE BOX
 - FIRE HYDRANT
 - TV CABLE BOX
 - CONCRETE
 - BRICK PAVERS
 - TREE/SCRUB/DUNE VEGETATION LINE
- ABBREVIATIONS:**
- FND FOUND
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 - NGVD 29 NATIONAL GEODETIC VERTICAL DATUM OF 1929
 - MHWL MEAN HIGH WATER LINE
 - EBP EDGE OF PAVEMENT
 - ID IDENTIFICATION
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SIGNATURES	DATE
FIELD COMPLETION	10/10/14 & 8/13/18
DRAWN: KKW	10/13/14
CHECKED: MJF	10/13/14
SURVEYOR: DJK	10/13/14
SCALE: 1" = 20'	FIELD BOOK NO. SEE FILE

SIZE B PROJ. NO. 2014051
DWG. NO. 2014051_BRP-173_2D_SH2.DGN SHEET 5 OF 5

SURVEYOR'S CERTIFICATE
I HEREBY CERTIFY THAT THE SURVEY DEPICTED HEREON IS TRUE AND MEETS THE MINIMUM TECHNICAL STANDARDS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 5J-17.051 FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

DAVID J. KUGELMANN P.L.S. NO. 5117
STATE OF FLORIDA

KUGELMANN LAND SURVEYING, INC.
30 NORTH TROPICAL TRAIL, SUITE B
MERRITT ISLAND, FLORIDA 32953
L.B. NO. 6575 - PHONE (321) 459-0930

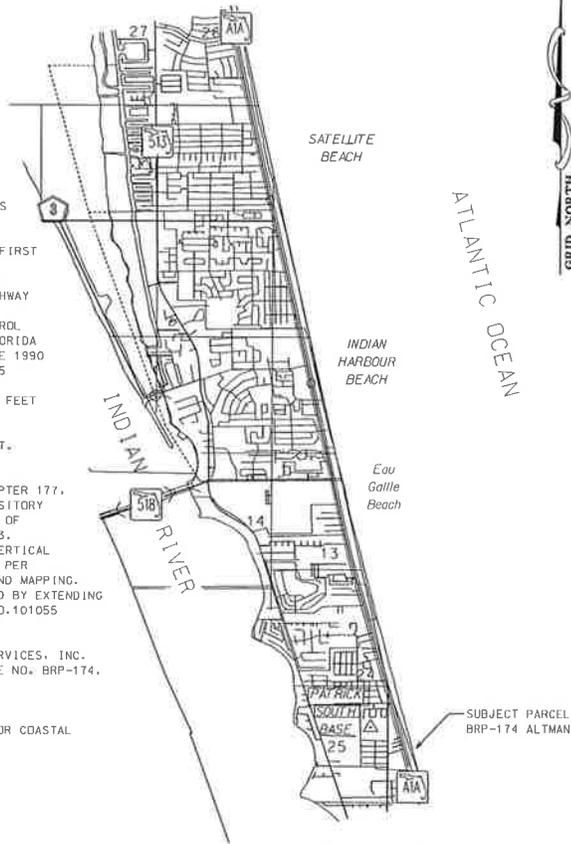
SECTION 30, TOWNSHIP 27 SOUTH, RANGE 38 EAST	
SEE REVISION NOTE ON SHEET 1	8/29/18
DESCRIPTION	DATE
REVISIONS	

SECTION 30, TOWNSHIP 27 SOUTH, RANGE 38 EAST

KUGELMANN LAND SURVEYING, INC.
 30 NORTH TROPICAL TRAIL, SUITE B
 MERRITT ISLAND, FLORIDA 32953
 L.B. NO. 6575 - PHONE (321) 459-0930

SURVEYOR'S NOTES:

1. THE PURPOSE OF THIS BOUNDARY SURVEY IS TO DETERMINE THE LOCATION OF THE MEAN HIGH WATER LINE AND THE FOURTEEN FOOT ELEVATION CONTOUR ON THE SEAWARD SIDE OF THE DUNE TO CREATE A BEACH RESTORATION EASEMENT FOR THE SUBJECT PROPERTY.
2. HORIZONTAL COORDINATES AND DISTANCES DEPICTED ARE EXPRESSED IN FEET AND DECIMAL FEET AND ARE REFERENCED TO THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (NAD83), 1990 ADJUSTMENT AND ARE BASED ON THE BREVARD COUNTY MONUMENTS 'BREVARD GPS 1005' AND 'BREVARD GPS 1007', HAVING PUBLISHED COORDINATES OF N=1370880.74, E=794451.53 AND N=1394597.61, E=788639.21 RESPECTIVELY.
3. BEARINGS DEPICTED ON SHEET 2 OF 3 ARE BASED ON THE 'PLAT OF FIRST ADDITION TO OCEAN PARK AS RECORDED IN PLAT BOOK 9, PAGE 25 OF THE PUBLIC RECORDS OF BREVARD COUNTY, FLORIDA AND ARE REFERENCED TO THE EASTERLY RIGHT OF WAY LINE OF U.S. HIGHWAY A-1-A HAVING AN ASSUMED PLAT BEARING OF N16°24'16"W.
4. BEARINGS DEPICTED ON SHEET 3 OF 3 (COASTAL CONSTRUCTION CONTROL LINE GEOMETRY INFORMATION) ARE GRID BEARINGS BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, 1983 DATUM WITH THE 1990 ADJUSTMENT AND ARE BASED ON MONUMENTS 70-80-A36 AND 70-80-A35 HAVING A GRID BEARING OF N16°46'08"W.
5. ELEVATIONS DEPICTED HEREON ARE EXPRESSED IN FEET AND DECIMAL FEET AND ARE REFERENCED TO THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD29) AND ARE BASED ON BREVARD COUNTY MONUMENT 'BREVARD GPS 1005' HAVING A PUBLISHED ELEVATION OF 14.72 FEET.
6. FLOOD ZONE "AO" PER FLOOD INSURANCE RATE MAP 12009C0602G, MARCH 17, 2014.
7. THE MEAN HIGH WATER SURVEY DEPICTED HEREON COMPLIES WITH CHAPTER 177, PART II, FLORIDA STATUTES AND IS RECORDED IN THE PUBLIC REPOSITORY OF THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF SURVEYING AND MAPPING AS MEAN HIGH WATER SURVEY FILE NO. 6983.
8. MEAN HIGH WATER LINE ELEVATION 2.13 FEET NATIONAL GEODETIC VERTICAL DATUM OF 29, 0.74 FEET NORTH AMERICAN VERTICAL DATUM OF 1988 PER DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF SURVEYING AND MAPPING. THE MEAN HIGH WATER ELEVATION AS SHOWN HEREON WAS ESTABLISHED BY EXTENDING THE ELEVATION SHOWN AT MEAN HIGH WATER INTERPOLATION POINT NO.101055
9. FENCE OWNERSHIP UNKNOWN.
10. NO APPARENT ENCROACHMENTS NOTED.
11. THIS SURVEY WAS PERFORMED WITH THE BENEFIT OF B & B TITLE SERVICES, INC. OWNERSHIP AND ENCUMBRANCE CERTIFICATE STORED IN CUSTOMER FILE NO. BRP-174.
12. SURVEY DOES NOT WARRANT TITLE.
13. UNDERGROUND FOUNDATIONS AND/OR UTILITIES NOT LOCATED AT TIME OF SURVEY.
14. SEE SHEET 2 OF 3 FOR BOUNDARY SURVEY MAP AND SHEET 3 OF 3 FOR COASTAL CONSTRUCTION CONTROL LINE GEOMETRY.
15. THIS SURVEY WAS PREPARED FOR THE EXCLUSIVE USE OF THE CLIENT (S) SHOWN HEREON; COPIES ARE VALID ONLY WHEN SIGNED, DATED AND EMBOSSED WITH THE SURVEYOR'S SEAL.



MAP OF BOUNDARY, TOPOGRAPHY AND MEAN HIGH WATER LINE SURVEY PREPARED FOR AND CERTIFIED TO: THE BOARD OF COUNTY COMMISSIONERS, BREVARD COUNTY, FLORIDA AND OLSEN ASSOCIATES, INC. 2818 HERSCHEL STREET JACKSONVILLE, FL 32204

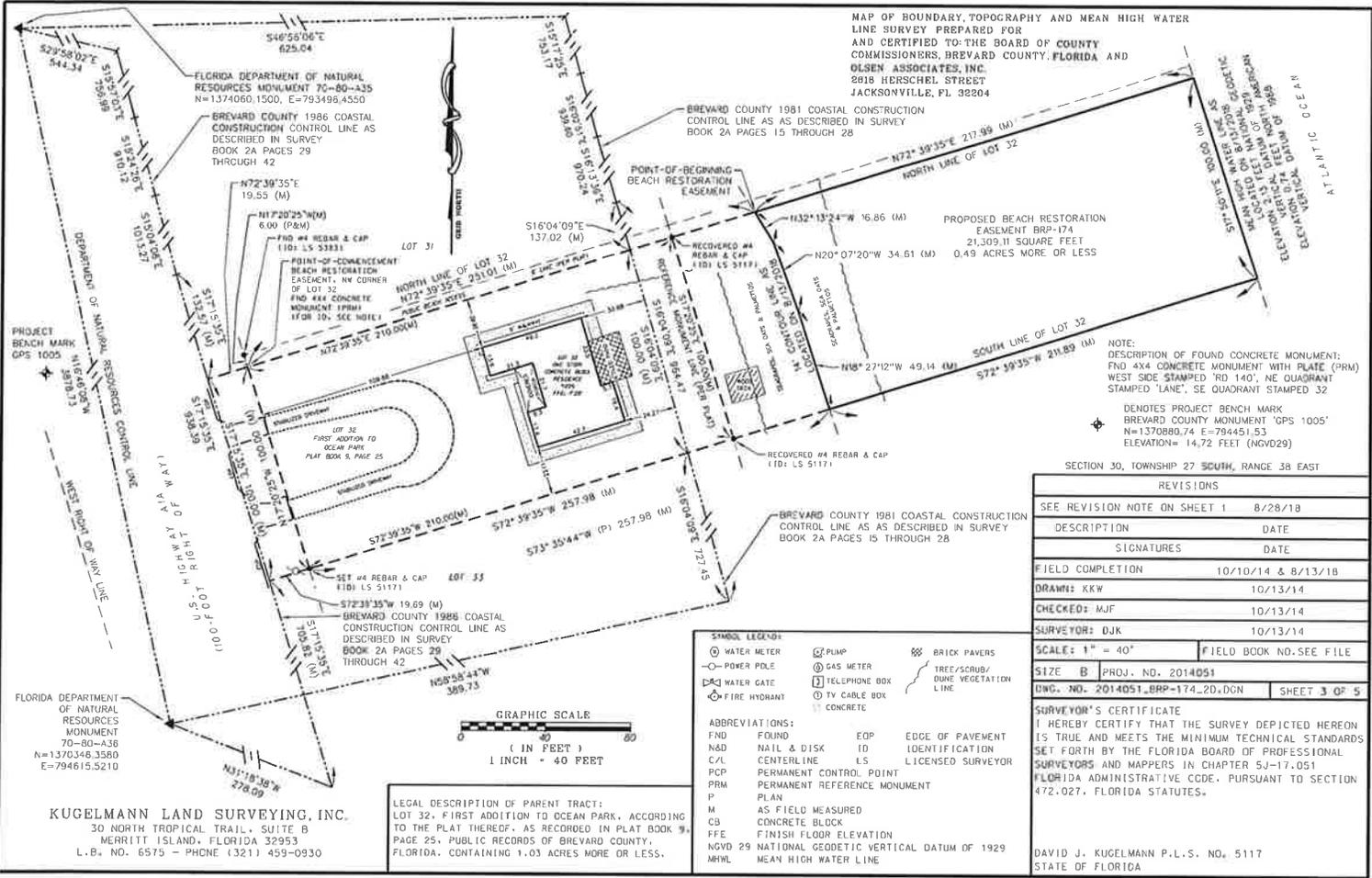
LEGAL DESCRIPTION OF PARENT TRACT: LOT 32, FIRST ADDITION TO OCEAN PARK, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 9, PAGE 25, PUBLIC RECORDS OF BREVARD COUNTY, FLORIDA, CONTAINING 1.03 ACRES MORE OR LESS.

REVISIONS	
DESCRIPTION	DATE
UPDATED MEAN HIGH WATER LINE, 14-FOOT CONTOUR LINE, BEACH TOPOGRAPHY, BEACH TOPOGRAPHY PROFILE AND REVISED EASEMENT LEGAL DESCRIPTION	08/29/2018

SIGNATURES		DATE
FIELD COMPLETION	10/10/14 & 8/13/18	
DRAWN: KKW & DJK	10/13/14	
CHECKED: KKW & MF	10/13/14	
SURVEYOR: DJK	10/13/14	
NOT TO SCALE	FIELD BOOK NO. SEE FILE	
DWG. NO. V8_SH1_VICINITYMAP_BRP-174.DGN		
SIZE B	SHEET 1 OF 5	PROJ. NO. 2014051

SURVEYOR'S CERTIFICATE
 I HEREBY CERTIFY THAT THE SURVEY DEPICTED HEREON IS TRUE AND MEETS THE MINIMUM TECHNICAL STANDARDS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 53-17.051, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

DAVID J. KUGELMANN P.L.S. NO. 5117
 STATE OF FLORIDA



MAP OF BOUNDARY, TOPOGRAPHY AND MEAN HIGH WATER LINE SURVEY PREPARED FOR AND CERTIFIED TO THE BOARD OF COUNTY COMMISSIONERS, BREVARD COUNTY, FLORIDA AND OLSEN ASSOCIATES, INC. 2018 HERSHEL STREET JACKSONVILLE, FL 32204

NOTE: DESCRIPTION OF FOUND CONCRETE MONUMENT: FND 4X4 CONCRETE MONUMENT WITH PLATE (PRM) WEST SIDE STAMPED "RD 140", NE QUADRANT STAMPED "LANE", SE QUADRANT STAMPED "32". DENOTES PROJECT BENCH MARK BREVARD COUNTY MONUMENT "GPS 1005" N=1370880.74 E=794451.53 ELEVATION= 14.72 FEET (NGVD29)

SECTION 30, TOWNSHIP 27 SOUTH, RANGE 38 EAST	
REVISIONS	
SEE REVISION NOTE ON SHEET 1	8/28/18
DESCRIPTION	DATE
SIGNATURES	DATE
FIELD COMPLETION	10/10/14 & 8/13/18
DRAWN: KKW	10/13/14
CHECKED: MJF	10/13/14
SURVEYOR: DJK	10/13/14
SCALE: 1" = 40'	FIELD BOOK NO. SEE FILE
SIZE B	PROJ. NO. 2014051
DWG. NO. 2014051_BRP-174_2D.DGN	SHEET 3 OF 5
SURVEYOR'S CERTIFICATE	
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DAVID J. KUGELMANN P.L.S. NO. 5117	
STATE OF FLORIDA	

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- WATER METER
 - POWER POLE
 - ⊠ WATER GATE
 - ⊠ FIRE HYDRANT
 - ⊠ PUMP
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30 NORTH TROPICAL TRAIL, SUITE B
MERRITT ISLAND, FLORIDA 32953
L.B. NO. 6575 - PHONE (321) 459-0930

FLORIDA DEPARTMENT OF NATURAL RESOURCES MONUMENT 70-80-A38 N=1370346.3360 E=794615.5210

PROJECT BEACH MARK GPS 1005 N=164106.1818 E=791818.73

FLORIDA DEPARTMENT OF NATURAL RESOURCES MONUMENT 70-80-A35 N=1374060.1500 E=793496.4550

BREVARD COUNTY 1986 COASTAL CONSTRUCTION CONTROL LINE AS DESCRIBED IN SURVEY BOOK 2A PAGES 29 THROUGH 42

BREVARD COUNTY 1981 COASTAL CONSTRUCTION CONTROL LINE AS DESCRIBED IN SURVEY BOOK 2A PAGES 15 THROUGH 28

BREVARD COUNTY 1988 COASTAL CONSTRUCTION CONTROL LINE AS DESCRIBED IN SURVEY BOOK 2A PAGES 29 THROUGH 42

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BREVARD COUNTY 1988 COASTAL CONSTRUCTION CONTROL LINE AS DESCRIBED IN SURVEY BOOK 2A PAGES 29 THROUGH 42

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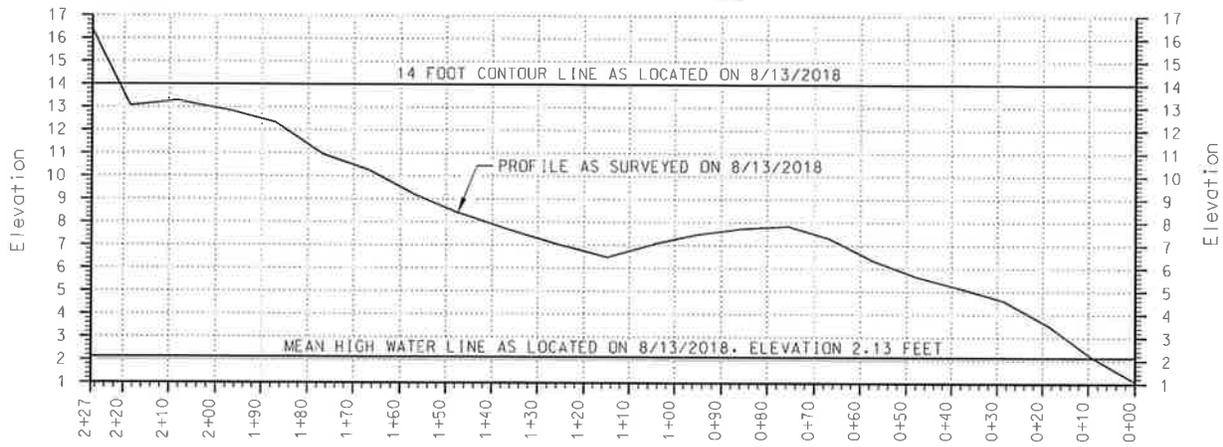
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MAP OF BOUNDARY, TOPOGRAPHIC AND MEAN HIGH WATER
 LINE SURVEY PREPARED FOR
 AND CERTIFIED TO THE BOARD OF COUNTY
 COMMISSIONERS, BREVARD COUNTY, FLORIDA AND
 OLSEN ASSOCIATES, INC.
 2818 HERSCHEL STREET
 JACKSONVILLE, FL 32204

BRP-174 PROFILE



KUGELMANN LAND SURVEYING, INC.
 30 NORTH TROPICAL TRAIL, SUITE B
 MERRITT ISLAND, FLORIDA 32953
 L.B. NO. 6575 - PHONE (321) 459-0930

SECTION 30, TOWNSHIP 27 SOUTH, RANGE 38 EAST	
DESCRIPTION	DATE
SEE REVISION NOTE ON SHEET 1	8/28/18
REVISIONS	

SYMBOL LEGEND			
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SIZE B	PROJ. NO. 2014051
DWG. NO. 2014051_BRP-174_2D_SH2.DGN	SHEET 5 OF 5

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