



DEVELOPMENT REVIEW

CITY OF FORT PIERCE
PLANNING & ZONING

Property address or Location 620 South Ocean Drive, Fort Pierce, FL 34949

Parcel ID #(s) 2401-503-0002-400/9

Project description Dune Walkover

Lawrence Drulard

Property Owner(s)

620 South Ocean Drive

Street Address

Fort Pierce FL 34949

City

State Zip

305-970-8171

Phone Number

larrydrulard@yahoo.com

Email Address

N/A

Applicant/Representative, Title, Company

Street Address

City

State Zip

Phone Number

Email Address

Property Owner(s) Acknowledgements: - This application will not be considered complete without the signature of all property owners of record, which shall serve as an acknowledgement of the submission of this application. The property owner's signature below shall also authorize the Applicant (if other than the property owner) and/or Representative to act in his/her behalf for the purposes of seeking approval for the application described herein. The undersigned consents to inspection and photographing of the subject property by the Planning staff for purposes of consideration of this Application and/or presentation to the Planning Board and City Commission.

Lawrence A. Drulard

Property Owner(s) Signature(s)

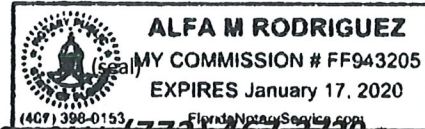
STATE OF FLORIDA -- COUNTY

The foregoing instrument was acknowledged before me this 15th day of April, 2019, by Lawrence Allen Drulard who is personally known to me or has produced

FL DL# D646-521-61-415-0 exp. 11/15/20 as identification.

Alfa M. Rodriguez

Signature of Notary



INTAKE MEETINGS ARE REQUIRED FOR ALL SUBMITTALS. CALL (772) 467-3729

TO BE COMPLETED BY STAFF

Zoning	Future Land Use	Total Acres	Historic District	Historic Designation
				Contributing Individual Non-Contributing None

Pre-Application Meeting Date _____

Fees _____ Control # _____ B. Permit # _____

Intake Planner _____

Planner Assigned _____

Approved By _____ Date _____

Comments _____

Intake Date Stamp



THE SUNRISE CITY
FORT PIERCE
BUILDING DEPARTMENT
Florida

BUILDING DEPARTMENT
P.O. BOX 1480, FORT PIERCE, FLORIDA 34954
772-467-3725 FAX: 772-467-3849

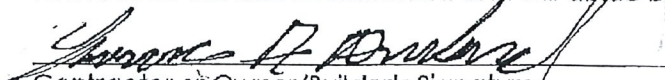
Permit Conditions

DATE: 12/13/18
PERMIT #: 18-3907
OWNER: LAWRENCE DRULARD
CONTRACTOR: OWNER
PROJECT ADDRESS: 620 S OCEAN DR.

THE ABOVE REFERENCED PERMIT HAS BEEN ISSUED WITH THE FOLLOWING CONDITIONS: IF DUNE CROSSOVER DECK EXCEEDS 30" ABOVE GRADE, HANDRAILS MUST COMPLY WITH FBC 1015.

The above conditions must be addressed prior to requesting an inspection for the item included or prior to final approval of the project. Any items not properly addressed will hold up final approval and issuance of the required certificate of occupancy/completion. Some items listed above may require revised plans, as-built plans and/or certification by a licensed architect or engineer. When dealing with revised documents, please allow sufficient time for review and approval by appropriate departments or agencies. **Approval must be granted prior to requesting any inspection.**

I have read the above statement and will abide by same:


Contractor or Owner/Builder's Signature

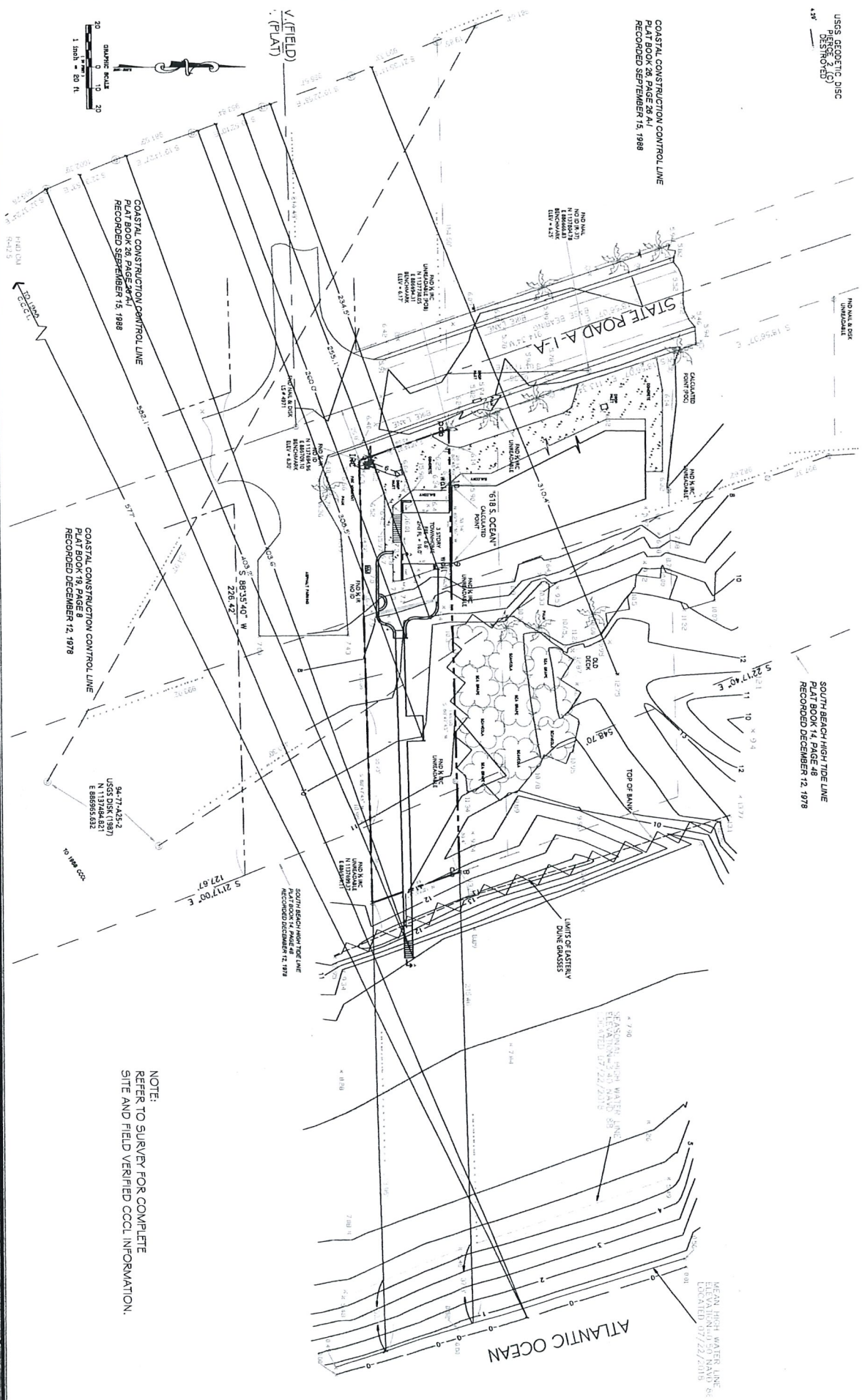
DEC. 13, 2018
Date

4

USGS GEODETIC DISC
 PLATE 2 (1)
 4.3" = 1" (1:125,000)
 UNADJUSTED

COASTAL CONSTRUCTION CONTROL LINE
 PLAT BOOK 28, PAGE 26 A-I
 RECORDED SEPTEMBER 15, 1988

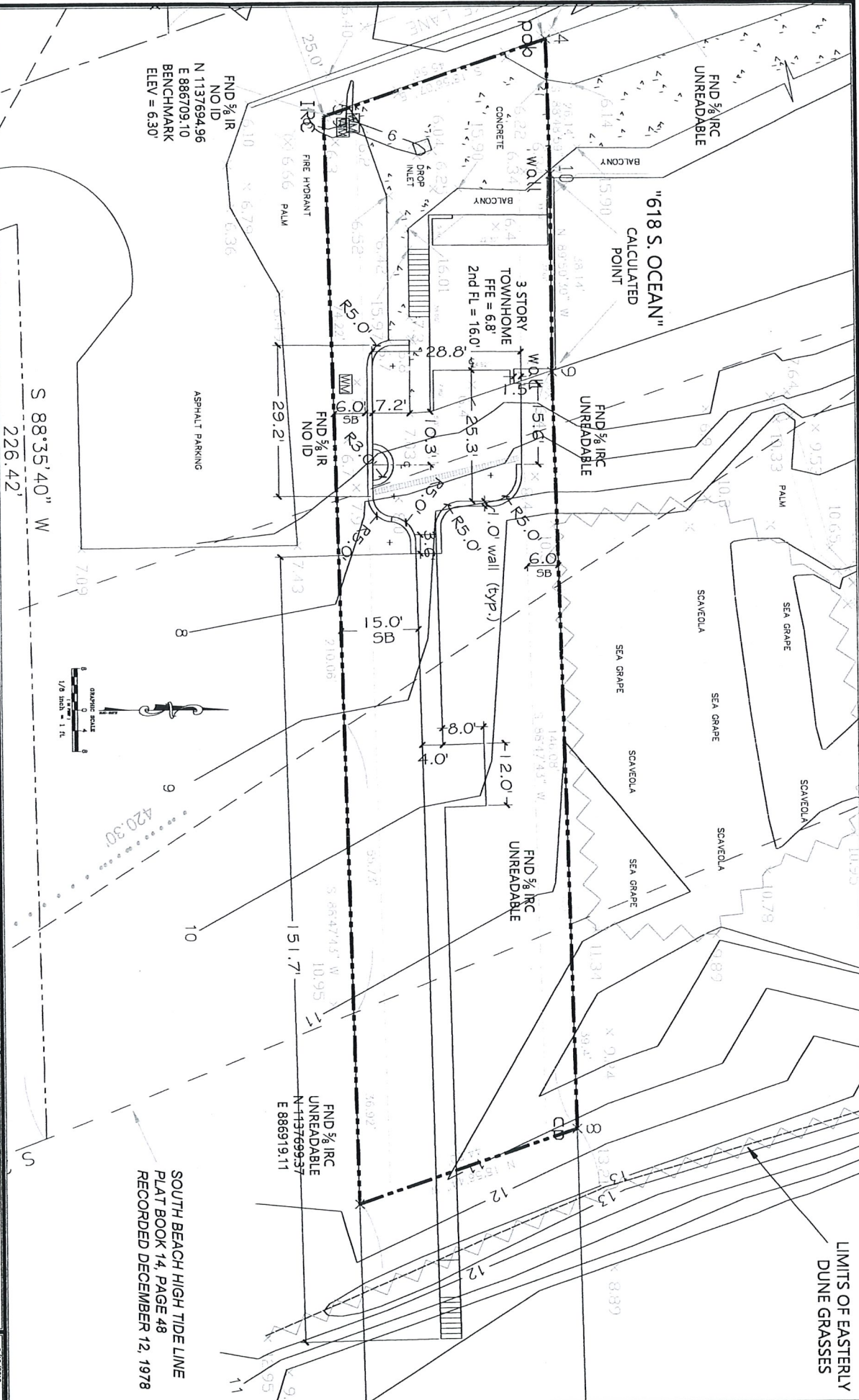
SOUTH BEACH HIGH TIDE LINE
 PLAT BOOK 14, PAGE 48
 RECORDED DECEMBER 12, 1978



NOTE:
 REFER TO SURVEY FOR COMPLETE
 SITE AND FIELD VERIFIED COCL INFORMATION.

COASTAL CONSTRUCTION CONTROL LINE PLAT BOOK 26, PAGE 26 A-I RECORDED SEPTEMBER 15, 1988		COASTAL CONSTRUCTION CONTROL LINE PLAT BOOK 19, PAGE 8 RECORDED DECEMBER 12, 1978	
BOGGS PLANNING + LANDSCAPE ARCHITECTURE 100 AVENUE A SUITE 24 FORT MYERS, FLORIDA 34950		REVISIONS NO. DATE BY 1 12/18/18 JLP 2 12/18/18 JLP 3 12/18/18 JLP	
PROJECT: DRULARD DUNE CROSSOVER CLIENT: DRULARD DUNE CROSSOVER LOCATION: 100 AVENUE A SUITE 24, FORT MYERS, FL 34950		DATE: 9/19/2018 SHEET: 1 OF 5	

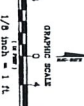
LIMITS OF EASTERLY
DUNE GRASSES



FND 5/8 IRC
NO ID
N 1137694.96
E 886709.10
BENCHMARK
ELEV = 6.30'

FND 5/8 IRC
UNREADABLE
N-1137699-37
E 886919.11

S 88°35'40" W
226.42'



SOUTH BEACH HIGH TIDE LINE
PLAT BOOK 14, PAGE 48
RECORDED DECEMBER 12, 1978

SPENCER FIELD BR/792
FILE NO.

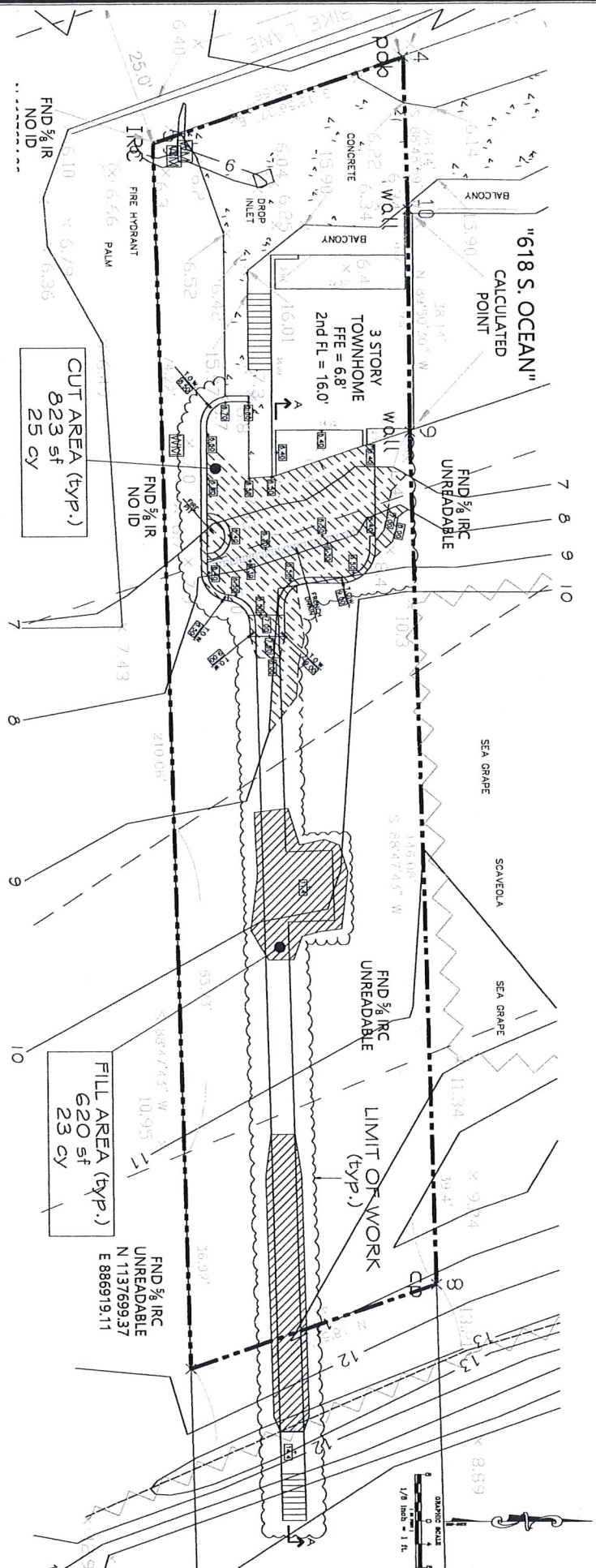
BOGGS
PLANNING + LANDSCAPE ARCHITECTURE
100 AVENUE A, SUITE 202
FORT WORTH, TEXAS 76102-3480

REVISIONS -
MAJOR RE PLAN, ADD DETAIL
FIELD SURVEY NORTH AND PROJECT MONITOR
REVISIONS (DATE)

BY	DATE	SCALE	APPROVED
UT	12/18/18		
UT	12/18/18		
UT	12/18/18		

Drulard Dune Crossover
Layout Plan

DATE: 8/19/2018
SHEET: 2 OF 5



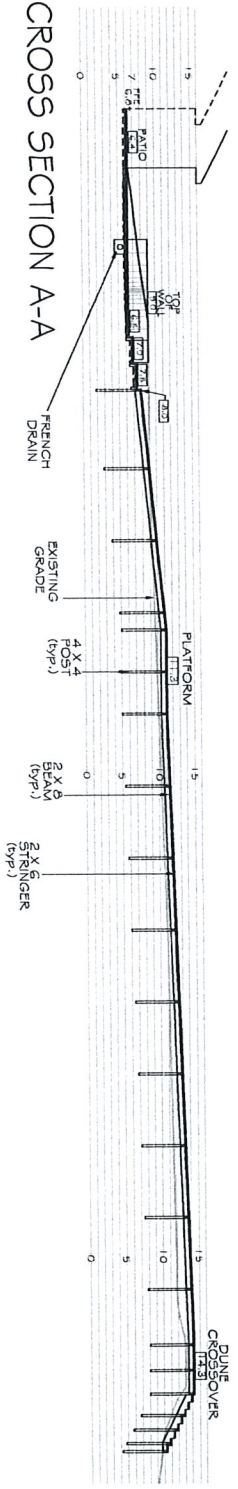
GRADING PLAN

CUT/FILL

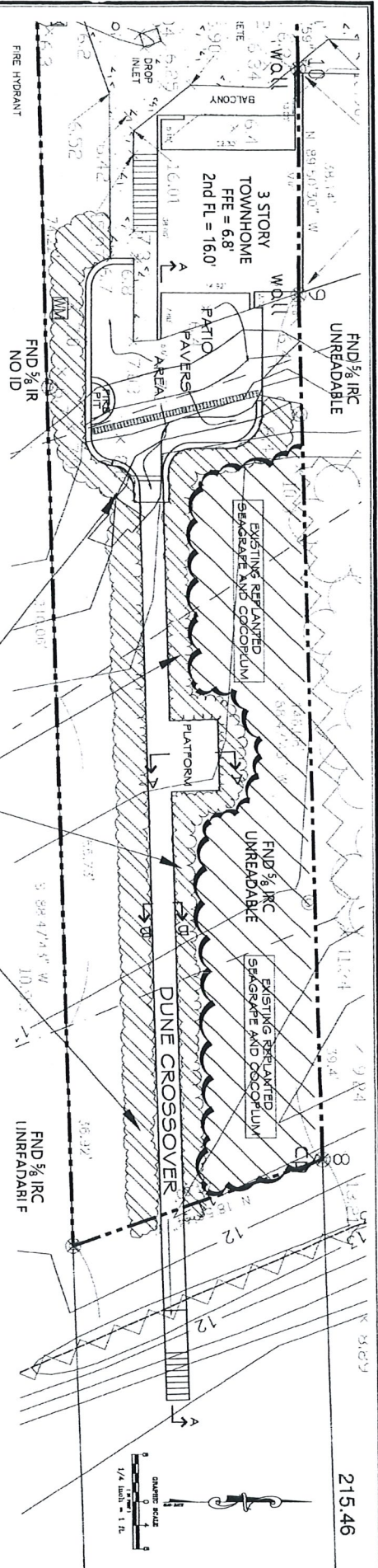
- Excavation from 6.0 feet to 9.3 feet seaward of the CCCL = 25 cy
- Fill from 1.0 feet to 1.3 feet seaward of the CCCL = 23 cy
- Net excess fill to be relocated seaward of the CCCL = 2 cy

NOTE:
 CONTRACTOR TO DISTRIBUTE EXCESS SAND FILL USING NON-MECHANICAL METHODS TO DEPRESSIONS, LOW POINTS OR OTHER SITE AREAS TO NATURALLY AUGMENT THE DUNE ELEVATION WITHOUT DISTURBING EXISTING NATIVE VEGETATION. ALL AREAS RECEIVING EXCESS FILL WILL BE REVEGETATED WITH NATIVE DUNE VEGETATION.

CROSS SECTION A-A

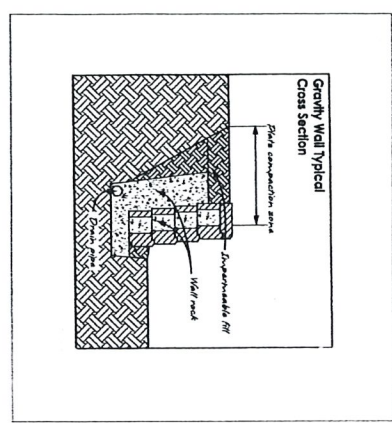


BOGGS PLANNING + LANDSCAPE ARCHITECTURE 100 AVENUE A SUITE 2E FORT PIERCE, FLORIDA 34980		FIELD BK./PR. DATE: 3/1/2018	
REVISIONS REVISIONS: 1. REVISED SITE PLAN, 2. REVISED DRAINAGE PLAN, 3. REVISED FLOOR PLAN, 4. REVISED EXISTING GRADE, 5. REVISED DUNE CROSSOVER.		DATE: 3/1/2018 BY: LP	DATE: 3/1/2018 BY: LP
Drulard Dune Crossover Grading Plan/Cross Section		DATE: 3/1/2018 BY: LP	DATE: 3/1/2018 BY: LP



215.46

PROPOSED MIX OF WOODY AND HERBACEOUS NATIVE VEGETATION (SEE PLANT LIST FOR SPECIES, QTY, SPECIFICATIONS)

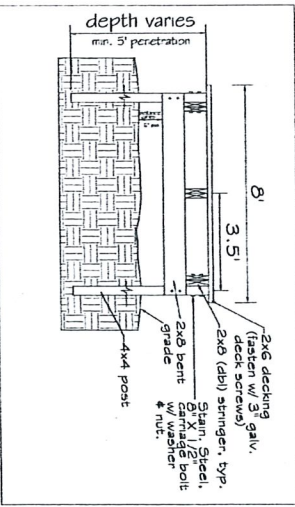


ALLAN BLOCK WALL SECTION (typ.)
NTS

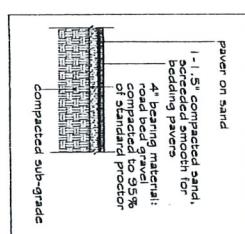
PLANT LIST

Quantity	Botanical Name	Common Name	Specifications
25	<i>Urtica perfoliata</i>	Saw Oats	4' pot, 24" o.c.
25	<i>Helianthus debilis</i>	Dune Sunflower	1 gal., 24" o.c.
35	<i>Igoune pas-corse</i>	Railroad Vine	1 gal., 24" o.c.
25	<i>Schizanthus scoparium</i>	Little Bluestem	4" pot, 24" o.c.
25	<i>Gallardia pulchella</i>	Indian Blanket Flower	1 gal., 24" o.c.
25	<i>Solidago sempervirens</i>	Sassile Goldenrod	1 gal., 24" o.c.
40	<i>Sesuvium portuacastrum</i>	Saw Palmetto	3 gal., 36" o.c.
40	<i>Zinnia punctata</i>	Coontie	3 gal., 36" o.c.
40	<i>Coccoloba virginica</i>	Saw Grape	3 gal., 36" o.c.

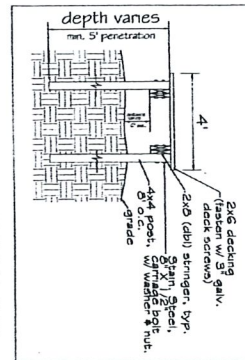
The previous approved corrective restoration plan approved under permit number VSL 12-042P will be superseded by the current landscaping plan that adopts the planting plan to the proposed layout plan. The proposed planting shall conform to permit conditions of 60% survival rate within 180 days of permit issuance. Plants will be placed in a naturalistic pattern indicative of native planting regime.



PLATFORM SECTION A-A
NTS



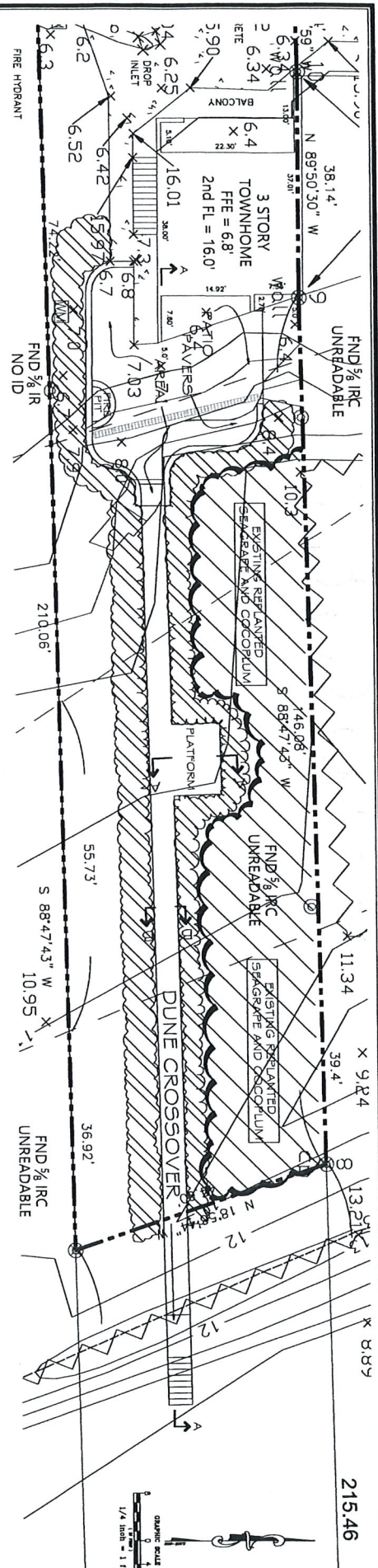
PAVER SECTION (typ.)
NTS



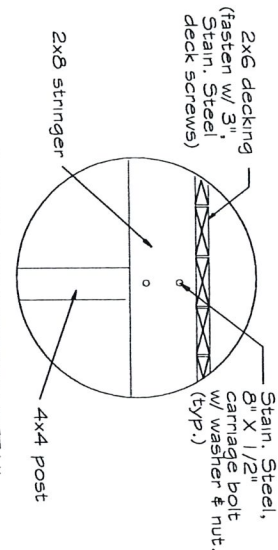
CROSSOVER SECTION B-B
NTS

BOGGS
 PLANNING & LANDSCAPE ARCHITECTURE
 100 AVENUE A SUITE 200
 FORT WORTH, TEXAS 76102
 TEL: 817.335.1111
 FAX: 817.335.1112
 WWW.BOGGSARCHITECTS.COM

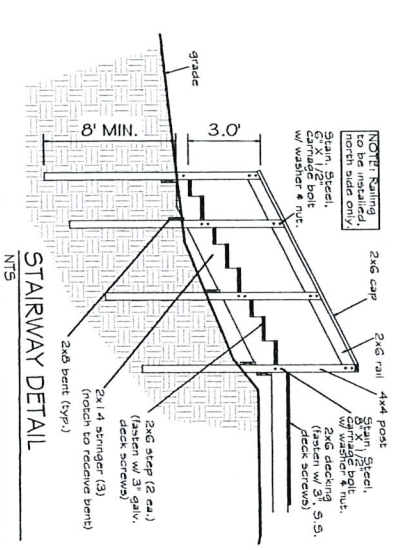
DRULARD
 LANDSCAPE PLAN & PRELIMINARY DETAILS
 SHEET 4 OF 5



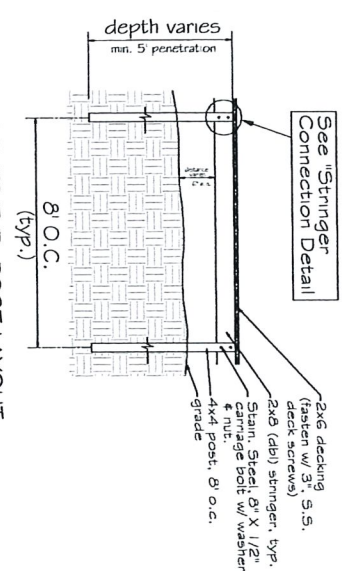
215.46



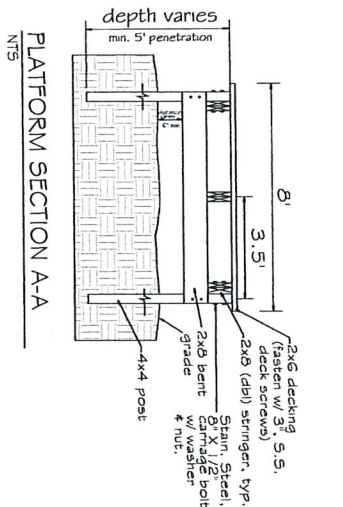
STRINGER CONNECTION DETAIL
NTS



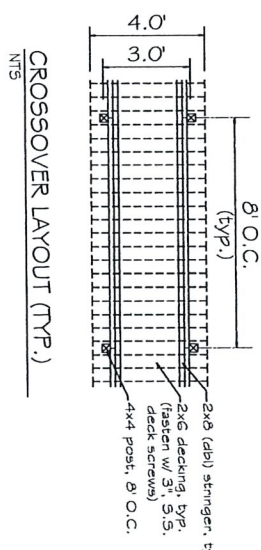
STAIRWAY DETAIL
NTS



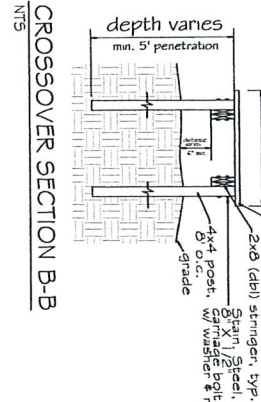
CROSSOVER TYP. POST LAYOUT
NTS



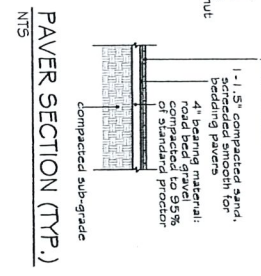
PLATFORM SECTION A-A
NTS



CROSSOVER LAYOUT (TYP.)
NTS



CROSSOVER SECTION B-B
NTS



PAVER SECTION (TYP.)
NTS

BOGGS
PLANNING + LANDSCAPE ARCHITECTURE
100 AVENUE A SUITE 202
PORTLAND, OREGON 97208

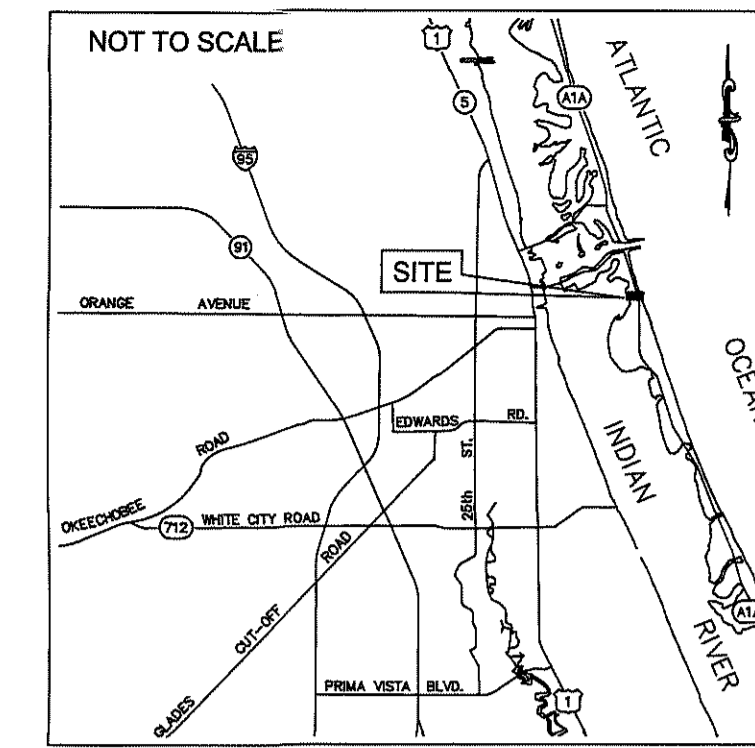
REVISIONS -
NO. DATE
1 UP 10/18/18
2 UP 12/14/18

Drulard Dune Crossover
Landscape Layout &
Construction Details

3/19/2018
SHEET 5 OF 5

BOUNDARY & TOPOGRAPHIC SURVEY

LOCATED IN SAINT LUCIE COUNTY, FLORIDA



LOCATION MAP

LEGAL DESCRIPTION

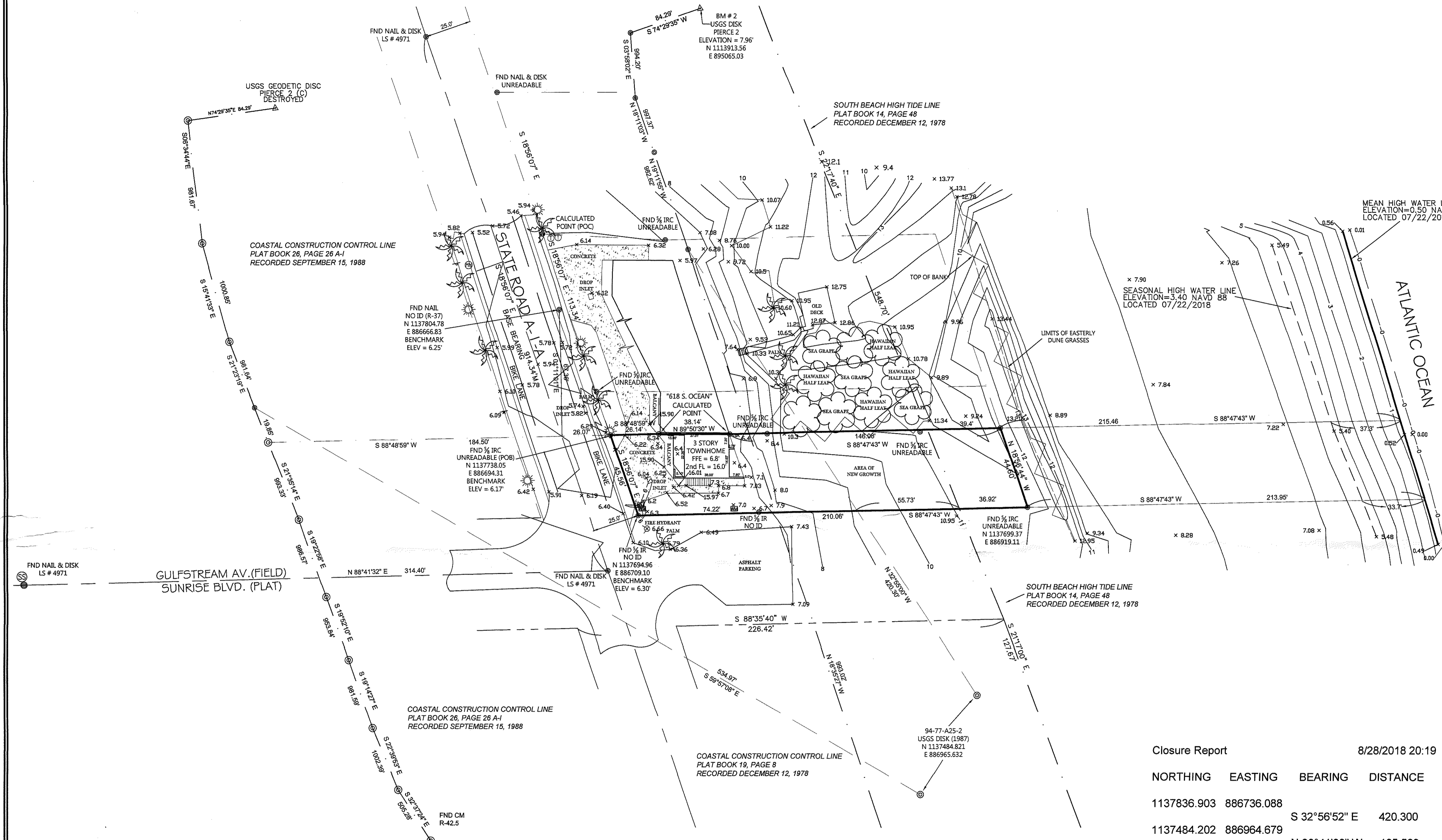
A PORTION OF THE SUBDIVISION ENTITLED OCEAN VIEW, AS RECORDED IN PLAT BOOK 6, PAGE 61, PUBLIC RECORDS OF ST LUCIE COUNTY, FLORIDA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NW CORNER OF LOT 9, BLOCK 2 OF SAID SUBDIVISION; THENCE S1856°07'E, ALONG THE WEST LINE OF SAID BLOCK 2, 113.34 FEET TO THE POINT OF BEGINNING; THENCE CONTINUE S18 56° 07'E ALONG THE WEST LINE OF SAID BLOCK 2, 45.56 FEET TO THE SW CORNER OF SAID BLOCK 2; THENCE N8847°43'E ALONG THE SOUTH LINE OF SAID BLOCK 2, 210.06 FEET TO THE SE CORNER OF SAID BLOCK 2; THENCE N1856°44'W ALONG THE EAST LINE OF SAID BLOCK 2, 44.60 FEET; THENCE S8847°43'W PARALLEL WITH THE NORTH LINES OF LOTS 5 AND 9, BLOCK 2 OF SAID SUBDIVISION, 146.08 FEET TO THE CENTER OF A WALL COMMON TO 618 STATE ROAD A1A AND 620 STATE ROAD A1A; THENCE N8950°30'W ALONG THE CENTER OF SAID WALL, 38.14 FEET TO THE WEST END OF SAID WALL; THENCE S8847°43'W PARALLEL WITH THE NORTH LINE OF SAID LOT 9, 26.14 FEET TO THE POINT OF BEGINNING.

LESS AND EXCEPTING FROM THE ABOVE THAT PORTION LYING EASTERLY OF THE FOLLOWING DESCRIBED LINE: FOR A POINT OF REFERENCE, COMMENCE AT THE SE CORNER OF SECTION 1, TOWNSHIP 35 SOUTH, RANGE 40 EAST; THENCE PROCEED ON AN ASSUMED BEARING OF EAST ALONG THE EXTENDED SOUTH LINE OF SAID SECTION, A DISTANCE OF 89.76 FEET TO THE POINT OF BEGINNING; THENCE PROCEED ON A BEARING OF N2007°40'W A DISTANCE OF 702.00 FEET TO A POINT, SAID POINT BEING ON A BEARING OF S8932°20'W AND A DISTANCE OF 131.23 FEET TO THE SW CORNER OF BLOCK 1, PLAT BOOK 9, PAGE 26; THENCE PROCEED ON A BEARING OF N2027°40'W A DISTANCE OF 211.15 FEET TO A POINT; THENCE PROCEED ON A BEARING OF N2047°40'W A DISTANCE OF 708.69 FEET TO A POINT, SAID POINT BEING ON A BEARING OF S8931°20'W AND A DISTANCE OF 115.30 FEET TO THE NW CORNER OF BLOCK 1, PLAT 9, PAGE 26; THENCE PROCEED ON A BEARING OF N2047°40'W A DISTANCE OF 8.75 FEET TO A POINT; THENCE PROCEED ON A BEARING OF N1754°20'W A CALCULATED DISTANCE OF 1,335.62 FEET TO A POINT; THENCE PROCEED ON A BEARING OF N2117°00'W A DISTANCE OF 127.67 FEET TO A POINT, SAID POINT BEING ON A BEARING OF S8835°40'W AND A DISTANCE OF 226.42 FEET TO THE SE CORNER OF BLOCK 8, PLAT BOOK 6, PAGE 61; THENCE PROCEED ON A BEARING OF N2217°40'W A DISTANCE OF 548.70 FEET TO A POINT, SAID POINT BEING ON A BEARING OF N8626°40'W AND A DISTANCE OF 146.34 FEET TO THE SW CORNER OF LOT 6, BLOCK 2, PLAT BOOK 8, PAGE 44; THENCE PROCEED ON A BEARING OF N2217°40'W A DISTANCE OF 1006.45 FEET TO A POINT; THENCE PROCEED ON A BEARING OF N1201°40'W A DISTANCE OF 749.21 FEET TO A POINT, SAID POINT BEING ON A BEARING OF S8558°40'W A DISTANCE OF 171.70 FEET TO THE SW CORNER OF LOT 2, BLOCK 3, PLAT BOOK 6, PAGE 31; THENCE PROCEED ON A BEARING OF N1201°40'W A DISTANCE OF 155.84 FEET TO A POINT; THENCE PROCEED ON A BEARING OF N0117°20'E A DISTANCE OF 780.23 FEET TO A POINT, SAID POINT BEING ON A BEARING OF S8147°20'W AND A DISTANCE OF 477.95 FEET TO THE NE CORNER OF LOT 1, BLOCK 4, PLAT BOOK 8, PAGE 29; THENCE PROCEED ON A BEARING OF N0754°40'E A DISTANCE OF 172 FEET, MORE OR LESS, TO A POINT ON THE SOUTH JETTY, SAID LINE IS SHOWN ON THE SKETCH OF SURVEY RECORDED IN PLAT BOOK 14, PAGE 48, PUBLIC RECORDS OF ST LUCIE COUNTY, FLORIDA; TOGETHER WITH AN UNDIVIDED INTEREST IN THE COMMON ELEMENTS APPURTENANT THERETO.

GENERAL NOTES

- THE BEARINGS SHOWN HEREON ARE REFERENCED TO THE CENTERLINE OF SOUTH OCEAN DRIVE, HAVING A BEARING OF N18°56'07"W, ACCORDING TO THE PLAT OF OCEAN VIEW, AS RECORDED IN PLAT BOOK 6, PAGE 61, PUBLIC RECORDS, SAINT LUCIE COUNTY, FLORIDA. (ASSUMED DATUM)
- ALL ABOVE GROUND FIXED IMPROVEMENTS, IF ANY, HAVE BEEN LOCATED AND SHOWN HEREON. ALL MEASUREMENTS ARE IN ACCORDANCE WITH UNITED STATES STANDARD, IN FEET AND DECIMALS THEREOF.
- UNDERGROUND UTILITIES AND UTILITY SERVICES HAVE NOT BEEN LOCATED ON THIS SURVEY.
- FLOOD NOTE: BY GRAPHIC PLOTTING ONLY, THIS PROPERTY IS IN ZONE "AE-6", "VE-8", AND "VE-11" ACCORDING TO THE FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NO. 12111 C 0194 J, EFFECTIVE DATE FEBRUARY 06, 2012. THE EXACT DESIGNATION CAN ONLY BE DETERMINED BY AN ELEVATION CERTIFICATE.
- REPRODUCTIONS OF THIS MAP ARE NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR & MAPPER.
- LANDS SHOWN HEREON WERE NOT ABSTRACTED BY THIS OFFICE FOR RIGHTS-OF-WAY, EASEMENTS OF RECORD, OWNERSHIP, ABANDONMENT'S DEED RESTRICTIONS, OR MURPHY ACT DEEDS.
- THE LAST DATE OF FIELD WORK WAS SEPTEMBER 09, 2018.
- ADDITIONS OR DELETIONS TO SURVEY MAPS OR REPORTS BY OTHER THAN THE SIGNING PARTY OR PARTIES IS PROHIBITED WITHOUT WRITTEN CONSENT OF THE SIGNING PARTY OR PARTIES.
- ELEVATIONS SHOWN HEREON ARE IN U.S. STANDARD FEET AND BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
- ALL DEBRIS WILL BE REMOVED FROM THE SITE AND DEPOSITED AT AN APPROVED UPLAND DISPOSAL SITE.
- THE EXPECTED USE OF THE SURVEY AND MAP IS RESIDENTIAL.



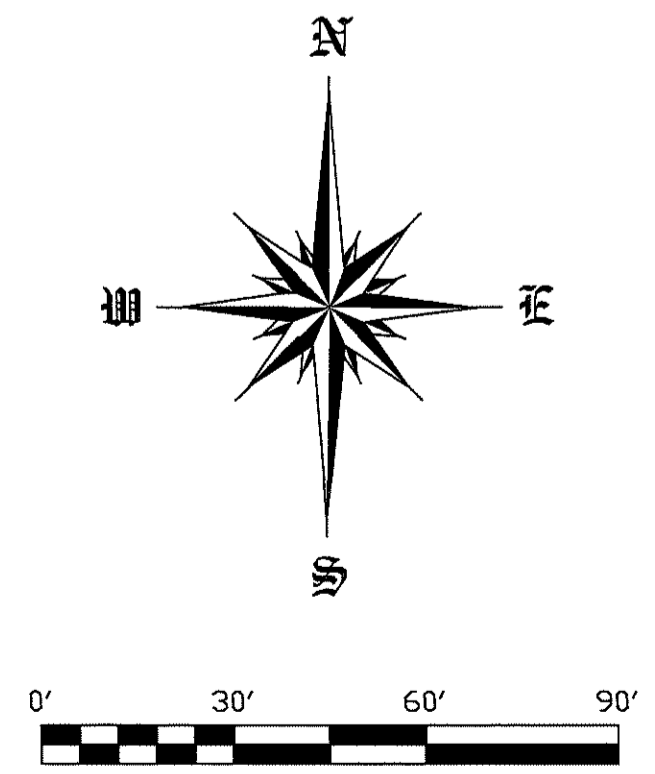
LEGEND & ABBREVIATIONS

A	ARC LENGTH	OHP	OVERHEAD UTILITIES
A/C	AIR CONDITIONER	ORB	OFFICIAL RECORDS BOOK
CBS	CONCRETE BLOCK STRUCTURE	P	PLAT DATA
CCCL	COASTAL CONSTRUCTION CONTROL LINE	PB	PLAT BOOK
C/L	CENTERLINE	PG(S)	PAGE(S)
CONC	CONCRETE	PLS	PROFESSIONAL LAND SURVEYOR
CM	CONCRETE MONUMENT	POB	POINT OF BEGINNING
DEG OR °	DEGREE	POC	POINT OF COMMENCEMENT
ELEV	ELEVATION	PRM	PERMANENT REFERENCE MONUMENT
FFE	FINISH FLOOR ELEVATION	PSM	PROFESSIONAL SURVEYOR AND MAPPER
FND	FOUND	R	RADIUS
ID	IDENTIFICATION NUMBER	RLS	REGISTERED LAND SURVEYOR
IP	IRON PIPE	R/W	RIGHT-OF-WAY
IR	IRON ROD	WM	WATER METER
IRC	IRON ROD & CAP	&	AND
LB	LICENSED BUSINESS	⊙	AT
LS	LICENSED SURVEYOR	△	DELTA
M	MEASURED DATA	○	UTILITY POLE
MON	MONUMENT	⊕	FIRE HYDRANT
NAVD	NORTH AMERICAN VERTICAL DATUM	⊗	SEWER MANHOLE
NGVD	NATIONAL GEODETIC VERTICAL DATUM	⊕	BACKFLOW PREVENTER
NO OR #	NUMBER	⊕	IRRIGATION VALVE
NTS	NOT TO SCALE	⊕	CLEAN OUT
⊕	STREET LIGHT		

STREET ADDRESS
620 SOUTH OCEAN DRIVE, FORT PIERCE, FL 34949

GLOBAL POSITIONING SYSTEM (GPS) NOTES

- G.P.S. SURVEY METHOD: REAL TIME KINEMATIC (RTK)
- G.P.S. RECEIVER TYPE: TWO (2) DUAL FREQUENCY TOPCON HIPER GA-12 CHANNEL (L1 & L2).
- THE ORIGINAL GPS RTK MEASUREMENTS, AUGUST 22, 2018. TWO TOPCON DUAL FREQUENCY GPS RECEIVERS EQUIPPED WITH RT-SKI (REAL TIME MEASUREMENT CAPABILITIES) WERE USED TO GATHER GPS DATA. TYPICALLY A BASE RECEIVER IS SET UP ON AN ESTABLISHED CONTROL STATION WHILE A ROVING RECEIVER LOCATES EXISTING MONUMENTS, IMPROVEMENTS AND/OR TOPOGRAPHIC DATA AND CONTROL THROUGHOUT THE PROJECT AREA. REAL-TIME COORDINATE COMPUTATIONS AND PRECISION INFORMATION ARE DETERMINED VIA RADIO / MODEM LINK WITH THE BASE STATION AND RECORDED AS THREE DIMENSIONAL (3D) POSITIONS.
- G.P.S. SURVEY MEASUREMENTS WERE PROCESSED AND ADJUSTED USING CARLSON SURVEY STANALONE, SURVEY +.
- THE HORIZONTAL TARGET ACCURACY FOR THIS SURVEY IS AS FOLLOWS:
HORIZONTAL: 10MM + 1PPM (RMS)
VERTICAL: 20MM + 1PPM (RMS).



Closure Report 8/28/2018 20:19

NORTHING	EASTING	BEARING	DISTANCE
1137836.903	886736.088	S 32°56'52" E	420.300
1137484.202	886964.679	N 20°41'39" W	165.569
1137639.088	886906.170	N 21°56'12" W	533.175
1138133.660	886706.985	N 21°56'12" W	820.787
1138895.020	886400.354	N 21°56'12" W	183.219
1139064.973	886331.907	N 11°40'12" W	906.328
1139952.565	886148.579	N 01°35'47" E	781.227
1140733.489	886170.344	S 82°13'51" W	62.936
1140724.981	886107.986	S 74°18'26" W	84.290
1140702.183	886026.838	S 03°58'02" E	994.200
1139710.365	886095.624	S 18°22'12" E	997.370
1138763.820	886409.950	S 19°23'04" E	982.620

Closure Error Distance > 0.0602
Total Distance > 6932.021
Polyline Area: 231529.70 sq ft, 5.32 acres

ARNOLD SURVEYING, INC.
PROFESSIONAL SURVEYORS & MAPPERS
FLORIDA LICENSED BUSINESS NUMBER 7903
4888 N. KINGS HIGHWAY #425, FORT PIERCE, FLORIDA 34951
24 VERDE VISTA, FORT PIERCE, FLORIDA 34951
PHONE (772) 460-8211 SURVEY@ASI-SURVEY.COM

DATE	BY	REVISION
09/11/18	CA	REVISED & ADDED TOPO & REAR

CERTIFICATIONS
LARRY DRUHRAD
ST. LUCIE COUNTY
FLORIDA
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DRAWN BY:	CA
CHECKED BY:	CA
DATE:	08/20/2018
HORIZONTAL SCALE:	1"=30'

NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR & MAPPER.

Charles Arnold
SEAL
CHARLES ARNOLD
PROFESSIONAL SURVEYOR & MAPPER
FLORIDA LICENSE NO. 4971

10-3-B
PRINTED DATE

SHEET 1 OF 1
PROJECT NO. 18-816