

# ITEM VI

## MEMORANDUM MF NO. 15-01

DATE: January 23, 2015  
TO: Marine Advisory Board  
FROM: Andrew Cuba, Manager of Marine Facilities  
RE: February 5, 2015 MAB - Dock Waiver of Distance Limitations  
–Robert J. & Jane S. Palmisano / 209 Birch Road, Boat Slip #1

Attached for your review is an application from Robert J. and Jane S. Palmisano / 209 Birch Road, Boat Slip #3 (see **Exhibit 1**).

### APPLICATION AND BACKGROUND INFORMATION

The applicants are requesting approval for the installation of a four-post boat lift extending a maximum of 45' from the property line into the Intracoastal Waterway (ICW). The distances this proposed structure would extend from the property line into the ICW is shown in the survey in **Exhibit 1** and summarized in Table 1 below:

**TABLE 1**

<b>PROPOSED STRUCTURE</b>	<b>STRUCTURE DISTANCE FROM PROPERTY LINE</b>	<b>PERMITTED DISTANCE WITHOUT WAIVER</b>	<b>DISTANCE REQUIRING WAIVER</b>
<b>Four Post Boatlift</b>	<b>45'</b>	<b>25'</b>	<b>20'</b>

Section 47-19.3 C limits the maximum distance of mooring structures, including boatlifts, to 25% of the width of the waterway, or 25%, whichever is less. Section 47.19.3.E authorizes the City Commission to waive this limitation based upon a finding of extraordinary circumstances. The applicant has indicated that the boatlift is necessary to avoid excessive wave action, wind and trash at this location along the ICW.

### PROPERTY LOCATION AND ZONING

The property is located within the IOA Zoning District. It is situated on the ICW where the width between property lines from shoreline to shoreline is approximately 717', according to the narrative provided in **Exhibit 1**. At its closest proximity, the distance from the outermost edge of the proposed boatlift to the eastern edge of the navigable channel of the ICW is approximately 285'.

DOCK PLAN AND BOATING SAFETY

Records reflect that there have been five (5) waivers of docking distance limitations approved by the City Commission within close proximity since 2009. A comparison of these as shown in Table 2 including the maximum distances of all mooring structures extending into the ICW follows:

**TABLE 2**

<b>DATE</b>	<b>ADDRESS</b>	<b>MAXIMUM DISTANCE</b>
2009	540 Lido Drive	45'6"
2009	209 Grand Birch, Slip 4	45'6"
2011	215 N. Birch Road	47.5'
2013	209 Grand Birch, Slip 3	39.3'
2014	321 N. Birch Road	75'

RECOMMENDATIONS

Should the Marine Advisory consider approval of the application, the Resolution under consideration for approval by the City Commission should include at least the following as prescribed in the ULDR and City Code of Ordinances:

1. The applicant is required to comply with all applicable building and zoning regulations as well as any other Federal and State laws and permitting requirements including the Broward County Environmental Protection and Growth Management Department, the Florida Department of Environmental Protection and the U.S. Army Corps of Engineers.
2. The applicant is required to provide guide poles on any portion of the mooring device that is capable of being submerged in accord with Code Section 8-91(d).
3. As a general condition of approval and in order to review for final consistency with construction of facilities in accord with this application and City building permits the applicant is required to provide the City's Supervisor of Marine Facilities with copies of "As Built" drawings from a certified and licensed contractor.

AC  
Attachment

cc: Carl Williams, Deputy Director of Parks and Recreation  
Jon Luscomb, Supervisor of Marine Facilities

**APPLICATION FOR WAIVER OF  
LIMITATIONS FOR BOAT LIFT**

**ROBERT AND JANE PALMISANO  
209 N. Birch Road, Boat Slip #1  
Fort Lauderdale, FL 33304**



**ROBERT AND JANE PALMISANO**  
**WAIVER OF LIMITATIONS FOR BOAT LIFT**  
**INDEX OF DOCUMENTS**

<b>EXHIBIT NO.</b>	<b>ITEM</b>
1.	Application for Waterway Permits, Waivers and Licenses
2.	Summary of project and narrative providing basis for the waiver of limitations meeting the criteria set forth in ULDR Section 47-19.3
3.	Statutory Warranty Deed
4.	Owners' Consent Letters
5.	Survey
6.	Boat Lift Plan
7.	U.S. Army Corps of Engineers Approval
8.	Florida Department of Environmental Protection Approval
9.	Broward County Environmental Resource General License
10.	Alhambra Place Condominium originally approved site plan showing 10-foot setbacks
11.	Photos
12.	Approval Letters



1

CITY OF FORT LAUDERDALE
MARINE FACILITIES
APPLICATION FOR WATERWAY PERMITS, WAIVERS AND LICENSES

Any agreement with the City of Fort Lauderdale and other parties, such as, but not limited to, licenses, permits and approvals involving municipal docking facilities or private uses in the waterways as regulated by Section 8 of the City Code of Ordinances or Section 47-19.3 of the City's Urban Land Development Regulations, shall be preceded by the execution and filing of the following application form available at the Office of the Supervisor of Marine Facilities. The completed application must be presented with the applicable processing fee paid before the agreement is prepared or the application processed for formal consideration (see City of Fort Lauderdale Code Section 2-157). If legal publication is necessary, the applicant agrees to pay the cost of such publication in addition to the application fee.

APPLICATION FORM
(Must be in Typewritten Form Only)

1. LEGAL NAME OF APPLICANT - (If corporation, name and titles of officers as well as exact name of corporation. If individuals doing business under a fictitious name, correct names of individuals, not fictitious names, must be used. If individuals owning the property as a private residence, the name of each individual as listed on the recorded warranty deed):

NAME: ROBERT J. PALMISANO and JANE S. PALMISANO

TELEPHONE NO: 617-930-3850 (cell ) FAX NO. (business)

2. APPLICANT'S ADDRESS (if different than the site address): 209 N. Birch Road, #1401, Fort Lauderdale, Florida 33304

3. TYPE OF AGREEMENT AND DESCRIPTION OF REQUEST: Waiver of limitation for mooring device.

4. SITE ADDRESS: 209 N. BIRCH ROAD BOAT SLIP #1, FORT LAUDERDALE, FL 33304 ZONING: IOA

LEGAL DESCRIPTION: Unit No. 1401 of Alhambra Place Condominium, a Condominium according to The Declaration thereof, recorded in Official Records Book 31973, at Page 698, and all Exhibits and Amendments thereto, including Amendment to Declaration recorded in Official Records Book 38840, Page 25, of the Public Records of Broward County, Florida.

5. EXHIBITS (In addition to proof of ownership, list all exhibits provided in support of the applications).

Handwritten signature: Heidi Davis Knapik
HEIDI DAVIS KNAPIK, as Agent for ROBERT J. PALMISANO and JANE S. PALMISANO
Dated: January 22, 2015

The sum of \$ \_\_\_\_\_ was paid by the above-named applicant on the \_\_\_\_\_ of \_\_\_\_\_, 20\_\_\_\_ Received by: \_\_\_\_\_ City of Fort Lauderdale
=====For Official City Use Only=====

Marine Advisory Board Action
Formal Action taken on \_\_\_\_\_

Commission Action
Formal Action taken on \_\_\_\_\_

Recommendation \_\_\_\_\_
Action \_\_\_\_\_

2



January 26, 2015

Marine Advisory Board  
City of Fort Lauderdale  
2 South New River East  
Fort Lauderdale, Florida 33301

**Re: Project Summary – Waiver of Limitations for Boat Lift  
ULDR Section 47-19.3(c) and (e)  
Applicants: Robert J. Palmisano and Jane S. Palmisano  
209 N. Birch Road, Boat Slip #1  
Fort Lauderdale, Florida 33304**

Dear Marine Advisory Board Members,

Robert J. Palmisano and Jane S. Palmisano (the "Applicants") request a waiver of limitations to install a new boat lift within boat slip #1 on a parcel of property located on the Intracoastal Waterway ("ICW") at 209 N. Birch Road (the "Property"). The Property consists of a 24-unit condominium known as Alhambra Place, which has two wood pier docks with four boat slips that extend into the ICW. Currently, there are two boat lifts within slips #3 and #4 that were previously approved on the Property.

ULDR Section 47-19.3(c) requires a waiver if mooring structures (i.e., boat lifts or hoists) will extend more than 25 percent of the width of the waterway or 25 feet from the property line, whichever is less. The City Commission may waive the limitation of Section 47-19.3(c) under extraordinary circumstances, but in no event shall the extension exceed 30 percent of the width of the waterway. As further explained below, there are extraordinary circumstances and conditions surrounding the Property including excessive wave action, wind and trash in the ICW that warrant Applicants' installation of the proposed boat lift to protect its boat from being damaged.

Applicants request this waiver to allow the proposed boat lift to extend an additional 20 feet beyond the 25 foot limit of the ULDR, for a total of 45 feet from the Property. The Applicants propose to install an 18' x 18' boat lift on the Applicants' boat slip (boat slip #1), which will extend only 14.6 feet beyond the Property's existing wood dock. The width of the ICW at this location is extremely wide at 717 feet and the boat lift will only extend 6.3% the width of the waterway. Additionally, the proposed boat lift will be located 285 feet from the eastern edge of the navigable channel and will not impact navigation.

As background, in 2009 the City approved a boat lift for the owner of boat slip #4 (Permit #18031222). This boat lift was approved for a 48 foot boat and a lift which was rated at 65,000 pounds. This boat lift extends 45'-6" into the ICW. Additionally, in 2014, the City approved a boat lift for the owner of boat slip #3. This boat lift was approved for a 38 foot boat rated at 24,000 pounds, which extends 39.3 feet into the ICW.

This area is in a wake zone and boats cannot be placed in the water without being subjected to severe wave action. Applicants' proposed boat lift will create no adverse impact to navigation or safety along the ICW, nor will there be any blocked views or obstructions for the neighbors to the north and south of the Property. Again, this is one of the widest parts of the ICW and the boat lift will be far enough away from the channel so as to not impose any navigational hazards or obstructions.

The Applicants request that the limitations be waived because:

1. The U.S. Army Corps of Engineers, the Florida Department of Environmental Protection and the Broward County Environmental Protection and Growth Management Department have reviewed the application and issued the necessary permits, exemptions and licenses based on the fact that the requested boat lift will not create a hazard or obstruct navigational waters or be a detriment to the surrounding area.
2. As stated above, the proposed extension of the boat lift will not exceed 30% of the width of the ICW. Based on the width of the ICW at this location - 717 feet - 30% of the ICW would permit a structure to extend 215 feet from the Property line. The Applicant is requesting only to extend the boat lift 45 feet from the Property (25 feet of which is already permitted), which is 6.3% the width of the ICW.
3. The design and location of the lift will not adversely impact the navigation of vessels within the ICW channel or the ICW right-of-way, nor create a hazard to navigation. The area within which the lift will be constructed is located in one of the widest sections of the ICW and the lift will be located far enough away from the ICW channel and ICW right-of-way so as to not create a navigational hazard or obstruction.
4. The boat lift has been carefully designed so as to not unreasonably interfere with adjacent riparian owners, impede navigation or limit access to future docking facilities that could be constructed by neighbors.
5. The Extraordinary Circumstances relating to the Application include:
  - a. The need for the boat lift to properly protect, stabilize and secure the Applicants' boat to withstand the powerful elements of the ICW.



- b. The ICW at this location contains strong under currents due to the geography and geometry of the area and site and without the proposed boat lift to secure the vessel, the vessel will sustain damage.
- c. The Property is not in a "no wake" zone. Wakes from speeding boats down the ICW cause boats moored in the boat slips to rock excessively, increasing the likelihood of damage to the boats. Applicants' work causes them to travel frequently and having their boat on a lift is more secure and protective, so that no damage occurs while they are away. The damaging effect of excessive wakes in this portion of the ICW and the high wave pitch coming from accelerating vehicles requires vessels to be properly secured to avoid damage. Additionally, there is a water taxi stop located one block to the north of the Property and water taxis constantly pass close to the boat slips at excessive speeds on their way to and from the Seville Street taxi stop. The large wakes are magnified because the Property is located along such a wide part of the ICW.
- d. The location of the Property faces the wide ICW water body, which means there are effects from wind particularly during storm events. By allowing the boats to be placed on lifts, the vessels can be secured in the event of a storm or high wind.
- e. Trash Accumulation. The location of the Property is at a bend in the ICW. Large amounts of trash accumulate in front of the bulkhead and around the boat slips. Additionally, a submerged sandbar located between the boat slips and the ICW channel causes the current to push the trash directly to the Property's bulkhead where it remains until the tide changes. Having a boat sit in this type of trash (leaves, plastic, styrofoam, petroleum sheen, etc.) is damaging to the hull and can clog water intakes. Recent photos showing this trash accumulation are included with this application.

Concurrent with this application, applications are also being submitted to the Development Review Committee for a Site Plan Level II review of the boat lift and the Board of Adjustment to obtain a variance to install a third boat lift, as the ULDR is silent on having three boat lifts at a property. The Applicants will comply with all applicable requirements of ULDR Section 47-19.3 for construction and installation, and respectfully request approval of the Waiver of Limitations to install the boat lift.

Sincerely,



Heidi Davis Knapik

cc: Mr. Andrew Cuba  
Robert and Jane Palmisano  
FTL\_ACTIVE 4547419.1

3

5,369,000.00

**Return To:**  
**Sunbelt Title Agency**  
**558 W. New England Avenue**  
**Suite 220**  
**Winter Park, FL 32789**

Prepared by:

RICHARD G. COKER, JR.  
Coker & Feiner  
1404 South Andrews Avenue  
Fort Lauderdale, FL 33316-1840  
Telephone: (954) 761-3636

Property Appraisers Parcel ID  
(Folio) No.: 504201-AN-0210

9122140100

**THIS IS NOT AN OFFICIAL COPY**  
**STATUTORY WARRANTY DEED**  
THIS WARRANTY DEED, made this 3 day of September, 2014, by  
NORMAN ZAPCZYNSKI, a single man, and RHEA CHILES, a single woman, hereinafter  
called Grantor, and ROBERT J. PALMISANO and JANE S. PALMISANO, husband and wife,  
whose post office address is: PO Box 1303, Duxbury MA 02331 hereinafter called Grantee:

**WITNESSETH:** That the Grantor, for and in consideration of the sum of Ten (\$10.00) Dollars, and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys and confirms unto grantee all that certain land situate in Broward County, State of Florida, viz:

Unit No. 1401 of Alhambra Place Condominium, a Condominium according to the Declaration thereof, recorded in Official Records Book 31973, at Page 698, and all Exhibits and Amendments thereto, including Amendment to Declaration recorded in Official Records Book 38840, Page 25, of the Public Records of Broward County, Florida.

**SUBJECT TO:**

- 1) Zoning and/or restrictions and prohibitions imposed by governmental authority;
- 2) Restrictions, Easements, Covenants and other matters appearing on the plat, common to the subdivision and/or recorded in the Public Records, none of which are hereby reimposed; and
- 3) Taxes for the year 2014 and subsequent years, not yet due and payable;

**TOGETHER** with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

4



TO HAVE AND TO HOLD the same in fee simple forever.

AND the Grantor hereby covenants with said Grantee that Grantor is lawfully seized of the land in fee simple, that the Grantor has good right and lawful authority to sell and convey said land, and hereby warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever.

IN WITNESS WHEREOF, the said Grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered in our presence:

Signature

Printed Name

Signature

Printed Name

NORMAN ZAPCZYNSKI

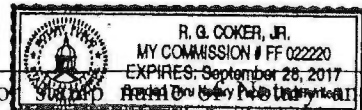
PO Box 30133  
Ft. Lauderdale, FL 33303  
Post Office Address

STATE OF FLORIDA :  
COUNTY OF Broward : SS.

The foregoing instrument was acknowledged before me this 3 day of September 2014, by NORMAN ZAPCZYNSKI,  who is personally known to me or  who has produced \_\_\_\_\_ as identification and who did not take an oath.

[Signature]  
Signature of Notary Public

Print, type of  
Commission No.



Signed, sealed and delivered in our presence:

[Signature]  
Signature

[Signature]  
Printed Name

[Signature]  
Signature

W. L. GARDNER  
Printed Name

[Signature]  
RHEA CHILES

508 Turtle Hatch Road  
Naples, FL 34103  
Post Office Address

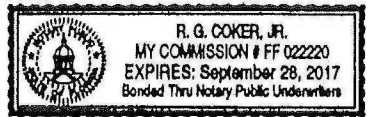
THIS IS NOT AN OFFICIAL COPY

STATE OF FLORIDA :  
COUNTY OF Brevard : SS.

The foregoing instrument was acknowledged before me this 3 day of Sept 2014, by RHEA CHILES,  who is personally known to me or  who has produced \_\_\_\_\_ as identification and who did not take an oath.

[Signature]  
Signature of Notary Public

Print, type or stamp name of Notary and Commission No.



4

*Robert J. Palmisano*  
209 N. Birch Road, Apartment 1401  
Fort Lauderdale, FL 33304

December 29, 2014

Ms. Jonda Joseph  
City Clerk  
City of Fort Lauderdale  
100 North Andrews Avenue  
Fort Lauderdale, FL 33301

Re: Letter of Consent – Property Located at 209 N. Birch Road, Fort Lauderdale, Florida (the “Property”)

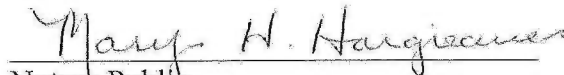
Dear Ms. Joseph:

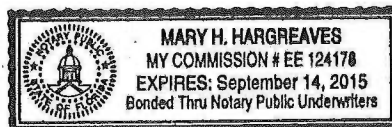
Gunster, Yoakley and Stewart, specifically Heidi Davis Knapik and Donald R. Hall, is authorized to submit applications, appear before the City’s Boards and attend meetings with City staff and elected officials on behalf of the undersigned in connection with the above-referenced property.

  
ROBERT J. PALMISANO

STATE OF FLORIDA        )  
  ) SS.  
COUNTY OF COUNTY     )

The foregoing instrument was acknowledged before me this 29 day of DECEMBER, 2014, by ROBERT J. PALMISANO. He is personally known to me or has produced DRIVER'S LICENSE as identification.

  
Notary Public



*Jane S. Palmisano*  
209 N. Birch Road, Apartment 1401  
Fort Lauderdale, FL 33304

December 29, 2014

Ms. Jonda Joseph  
City Clerk  
City of Fort Lauderdale  
100 North Andrews Avenue  
Fort Lauderdale, FL 33301

Re: Letter of Consent – Property Located at 209 N. Birch Road, Fort Lauderdale, Florida (the “Property”)

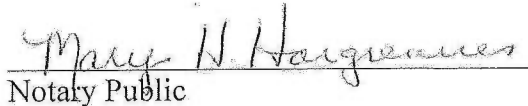
Dear Ms. Joseph:

Gunster, Yoakley and Stewart, specifically Heidi Davis Knapik and Donald R. Hall, is authorized to submit applications, appear before the City’s Boards and attend meetings with City staff and elected officials on behalf of the undersigned in connection with the above-referenced property.

  
JANE S. PALMISANO

STATE OF FLORIDA        )  
  ) SS.  
COUNTY OF BROWARD    )

The foregoing instrument was acknowledged before me this 29 day of DECEMBER, 2014, by JANE S. PALMISANO. She is personally known to me or has produced DRIVER'S LICENSE as identification.

  
Notary Public



5



McLAUGHLIN ENGINEERING COMPANY

LB#285

ENGINEERING \* SURVEYING \* PLATTING \* LAND PLANNING
400 N.E. 3rd AVENUE FORT LAUDERDALE, FLORIDA
33301 PHONE (954) 763-7611 \* FAX (954) 763-7615

SPECIAL PURPOSE LOCATION SURVEY
TO ACCOMPANY REQUEST FOR ARMY CORPS OF ENGINEERS PERMIT
THE INTRACOASTAL WATERWAY ADJACENT TO THE SOUTH ONE-HALF LOT 5 AND ALL OF LOTS 6, 7 & 8, BLOCK 10, LAUDER DEL MAR (7/30 E.C.R.)
SHEET 1 OF 3 SHEETS

COORDINATE AND ELEVATION NOTES:

HORIZONTAL ACCURACY:

The channel location as shown hereon refers to U.S. ARMY CORPS OF ENGINEERS (ACOE) 10ft Project Control Map, File 8B-24,258, Sheet 16 of 20. The Channel Cut Reference Stations bearings and coordinates have been transformed to the North American Datum 1983 High Accuracy Reference Network (NAD83(HARN)) as furnished by the ACOE. The coordinates shown on the property are from control that was shot in the field by using the Global Positioning System (GPS) and meet or exceed the one (1) foot tolerance requirements of the ACOE.

VERTICAL ACCURACY:

The Elevations shown hereon refer to Mean Lower Low Water (MLLW) as converted using Verticon 3.2 software, utilizing National Geodetic Survey Bench Mark #DM1514 (ELEVATION = 5.45 MLLW) with a Latitude of 26°06'51"N and Longitude of 80°06'22"W and meet or exceed the 0.5 foot vertical tolerance requirements of the ACOE and are indicated thus:

+(-)9.0 +6.01

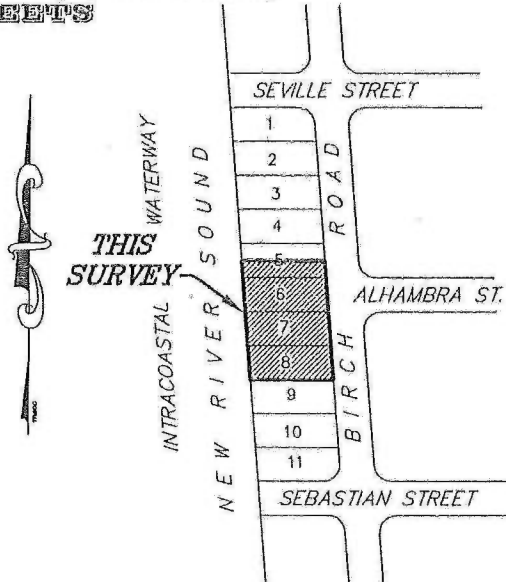
UPLAND LEGAL DESCRIPTION:

The South one-half (S 1/2) of Lot 5 and all of Lots 6, 7 and 8, Block 10, LAUDER DEL MAR, according to the plat thereof, as recorded in Plat Book 7, Page 30, of the public records of Broward County, Florida.

Said lands situate lying and being in Section 1, Township 50 South, Range 42 East, City of Fort Lauderdale, Broward County, Florida.

GENERAL NOTES:

- 1) This survey reflects all easements and rights-of-way, as shown on above referenced record plat(s). The subject property was not abstracted for other easements road reservations or rights-of-way of record by McLaughlin Engineering Company.
2) Underground improvements if any not located.
3) This drawing is not valid unless sealed with an embossed surveyors seal.
4) Survey information does not infer Title or Ownership.
5) The purpose of this survey is to establish the horizontal and vertical positioning of improvements, whether proposed or existing, within the Intracoastal Waterway using the criteria established in that certain Memorandum for Record (CESAJ-RD (1200a)) Dated July 18, 2013.



LOCATION MAP NOT TO SCALE

CERTIFICATION:

We hereby certify that this survey meets the Standards of Practice as set forth by the Florida Board of Professional Surveyors and Mappers in Chapter 5J-17.05 Florida Administrative Code, pursuant to Section 472.027, Florida Statutes.

Dated at Fort Lauderdale, Florida, this 9th day of October, 2014.

Additional dimensions added this 30th day of December, 2014.

McLAUGHLIN ENGINEERING COMPANY

Signature of James M. McLaughlin Jr.
JAMES M. McLAUGHLIN JR.
Registered Land Surveyor No. 4497
State of Florida.

FIELD BOOK NO. EFB-GPS & PRINT

DRAWN BY: JMMjr

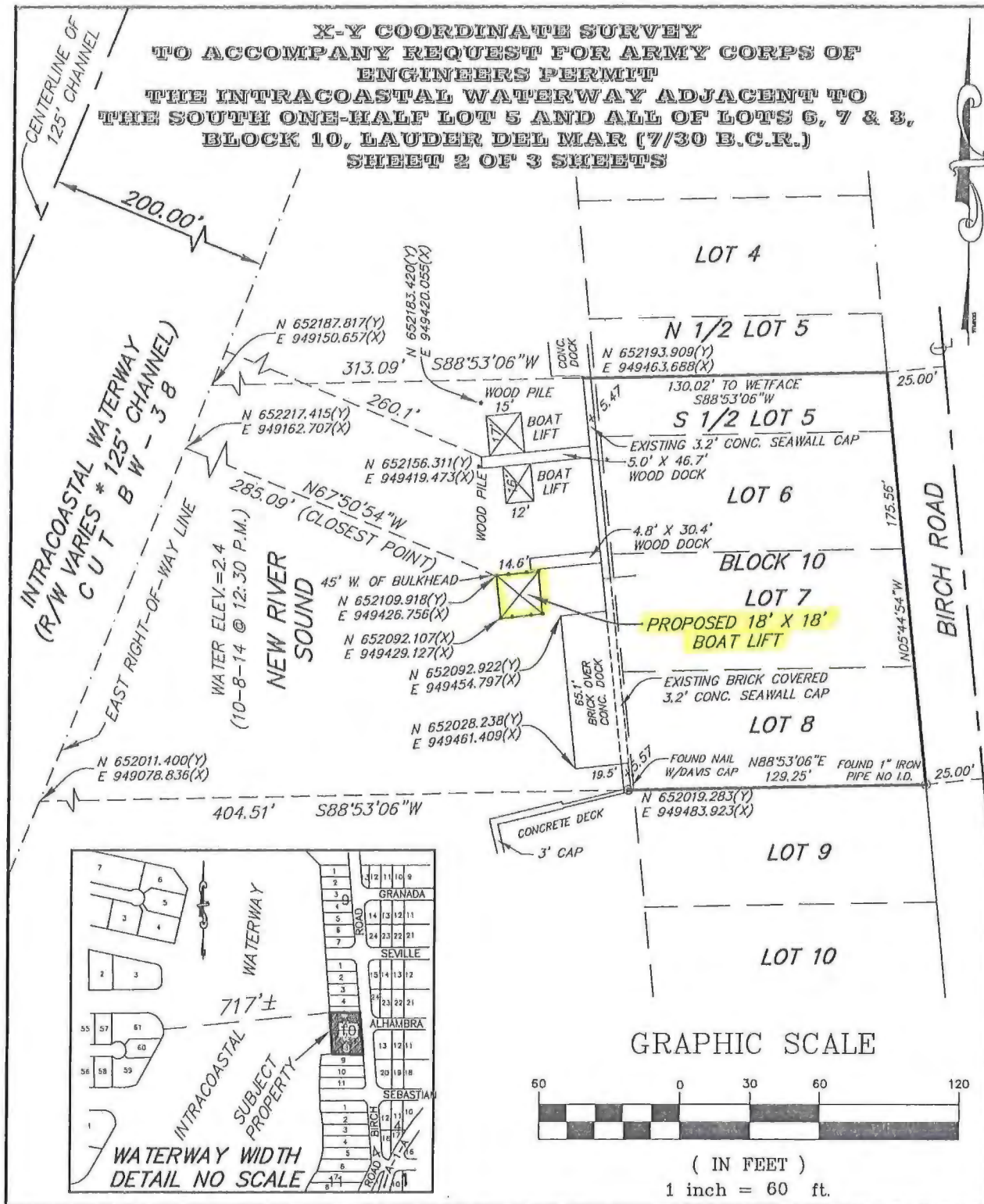
JOB ORDER NO. U-9596

CHECKED BY:

C: \JMMjr\2014\U9596(XY)



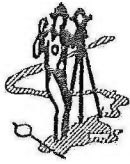
McLAUGHLIN ENGINEERING COMPANY  
 LB#285  
 ENGINEERING \* SURVEYING \* PLATTING \* LAND PLANNING  
 400 N.E. 3rd AVENUE FORT LAUDERDALE, FLORIDA  
 33301 PHONE (954) 763-7611 \* FAX (954) 763-7615



FIELD BOOK NO. EFB & PRINT  
 JOB ORDER NO. U-9596

DRAWN BY: JMMjr  
 CHECKED BY: \_\_\_\_\_  
 C: \JMMjr/2014/U9596(XY)



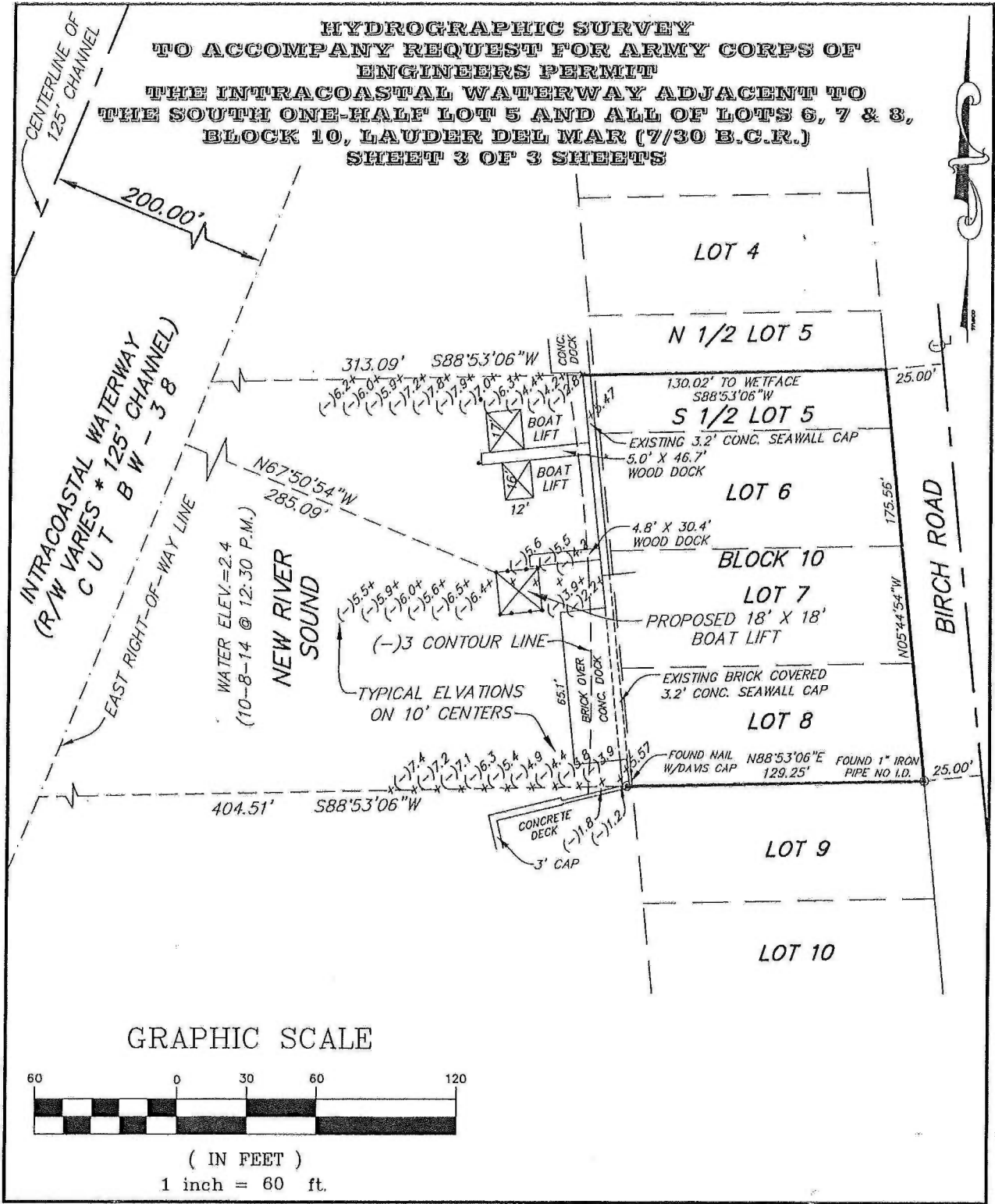


# McLAUGHLIN ENGINEERING COMPANY

## LB#285

ENGINEERING \* SURVEYING \* PLATTING \* LAND PLANNING  
400 N.E. 3rd AVENUE FORT LAUDERDALE, FLORIDA  
33301 PHONE (954) 763-7611 \* FAX (954) 763-7615

### HYDROGRAPHIC SURVEY TO ACCOMPANY REQUEST FOR ARMY CORPS OF ENGINEERS PERMIT THE INTRACOASTAL WATERWAY ADJACENT TO THE SOUTH ONE-HALF LOT 5 AND ALL OF LOTS 6, 7 & 8, BLOCK 10, LAUDER DEL MAR (7/30 B.C.R.) SHEET 3 OF 3 SHEETS



FIELD BOOK NO. EFB & PRINT

DRAWN BY: JMM jr

JOB ORDER NO. U-9596

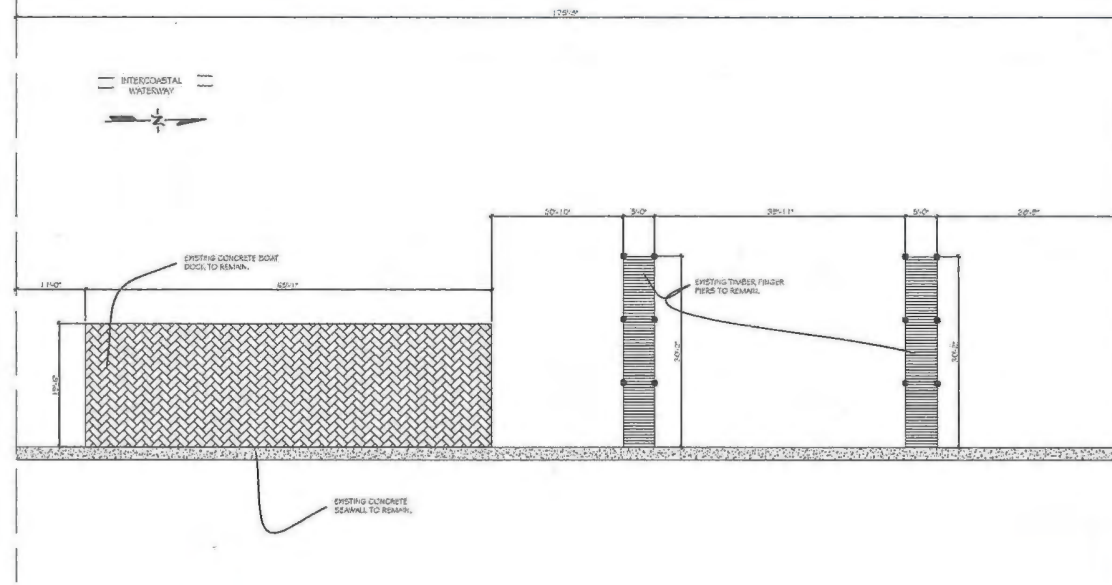
CHECKED BY: \_\_\_\_\_

C: \JMM jr/2014/U9596(XY)

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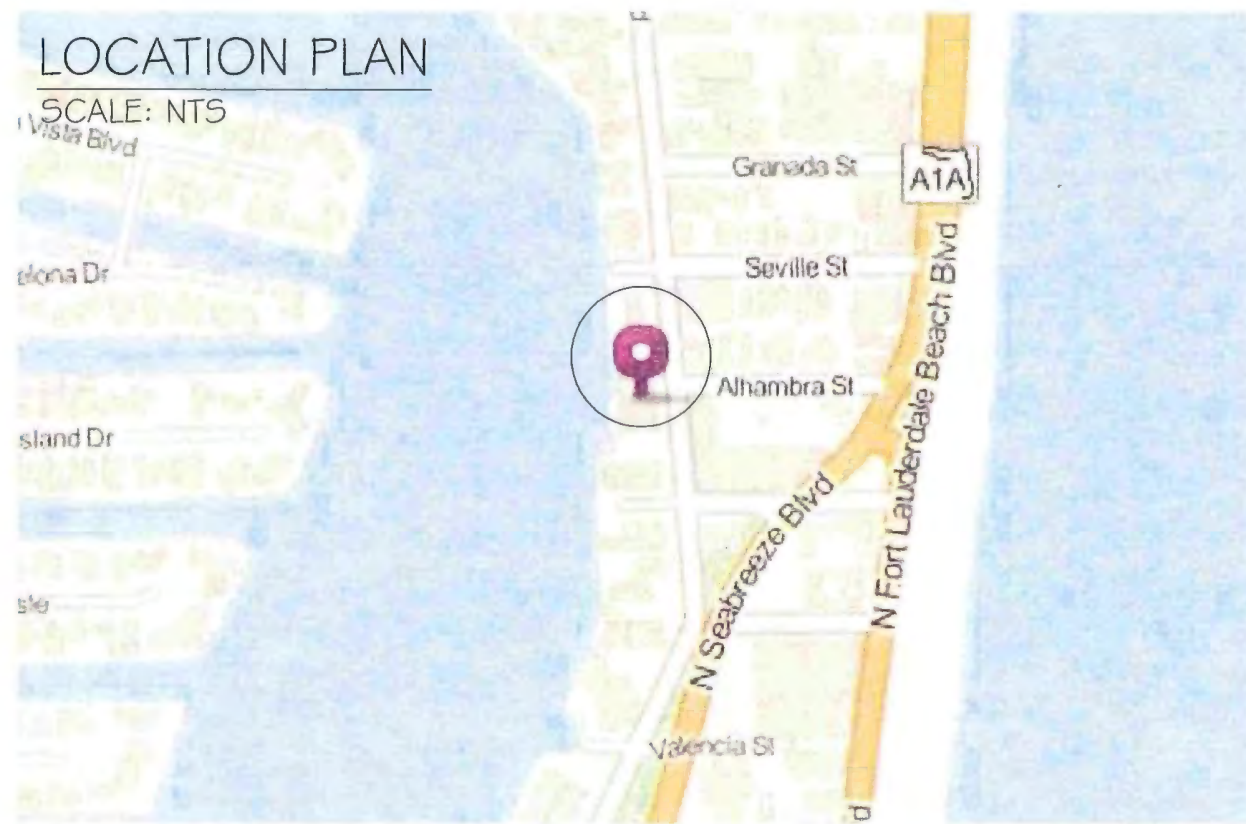
# EXISTING SITE PLAN

SCALE: NTS



# LOCATION PLAN

SCALE: NTS



THIS DRAWING IS THE PROPERTY OF "TRIDENT ENVIRONMENTAL CONSULTANTS, INC." AND IS AN INSTRUMENT OF SERVICE NOT TO BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE EXPRESSED WRITTEN PERMISSION OF OWNER.

## GENERAL NOTES

### GENERAL

ALL ELEVATIONS SHOWN ON PLANS REFER TO THE NAVD 1988.

ALL DIMENSIONS ON PLANS ARE SUBJECT TO VERIFICATION IN THE FIELD. IT IS THE INTENT OF THESE PLANS TO BE IN ACCORDANCE WITH APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION. ANY DISCREPANCIES BETWEEN THESE PLANS AND APPLICABLE CODES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF DESIGN CONSULTANT AND ENGINEER BEFORE PROCEEDING WITH WORK.

IT IS THE INTENT OF THESE PLANS AND THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH LOCAL, STATE AND FEDERAL ENVIRONMENTAL AND BUILDING PERMITS ISSUED FOR THIS PROJECT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FAMILIARIZE AND GOVERN HIMSELF BY ALL PROVISIONS OF THESE PERMITS.

APPLICABLE BUILDING CODE: FLORIDA BUILDING CODE, 2010 EDITION.

### WOOD PILING

1. ALL WOOD PILES TO BE 12" DIAMETER SOUTH AMERICAN GREENHEART PILES; OR 12" DIAMETER SOUTHERN PINE AND COMPLY WITH A.S.T.M. D25-79 AND BE PRESSURE TREATED W/ C.C.A, FEDERAL SPECIFICATIONS TT-W-550D (1) OR TT-W-00550E (L) AND AWFA-MP-4.
2. ALL WOOD PILES SHALL BE DRIVEN A MINIMUM PENETRATION OF 12' INTO FIRM MATERIAL BELOW SILT LAYER OR 6' INTO CORAL ROCK.
3. PILES SHALL BE CUT OFF AT ELEVATIONS AS SHOWN ON PLANS AND SECTIONS.

### HARDWARE

1. ALL MISCELLANEOUS STEEL COMPONENTS, BOLTS AND HARDWARE SHALL BE TYPE 316 STAINLESS STEEL UNLESS OTHERWISE SPECIFIED ON PLANS.

### MISCELLANEOUS

1. FASTENERS EMBEDDED INTO CONCRETE STRUCTURES SHALL BE ANCHORED WITH TWO-PART EPOXY ADHESIVE (RAWL® CHEM-FAST CARTRIDGE SYSTEM OR EQUAL). ANCHOR HOLES SHALL BE DRILLED TO 1/8" GREATER THAN THE SPECIFIED FASTENER SIZE. HOLES SHALL BE DRILLED TO MINIMUM DEPTH SHOWN ON PLANS & SHALL BE THOROUGHLY CLEANED OUT AND DRY PRIOR TO INJECTION OF EPOXY.

### LOADS

LL = 40 PSF

DL = 10 PSF

### TURBIDITY BARRIER

APPROVED TURBIDITY BARRIERS SHALL REMAIN IN PLACE DURING ALL PHASES OF IN WATER CONSTRUCTION.

**LUIS ROBAS-GUYON**  
P.E. # 13725  
EB-0004035

**RGCE**  
CONSULTING SERVICES, INC.

11401 S.W. 40 ST., SUITE 245, MIAMI, FL. 33183  
PHONE: (305) 386-3858 FAX: (305) 553-0950  
E-MAIL ADDRESS: LUG@RGCE.COM

1/13/15



job name: PALMISANO RESIDENCE  
209 N. BIRCH ROAD  
FT. LAUDERDALE, 33301  
title: NEW 60,000 LB. CAPACITY BOATLIFT

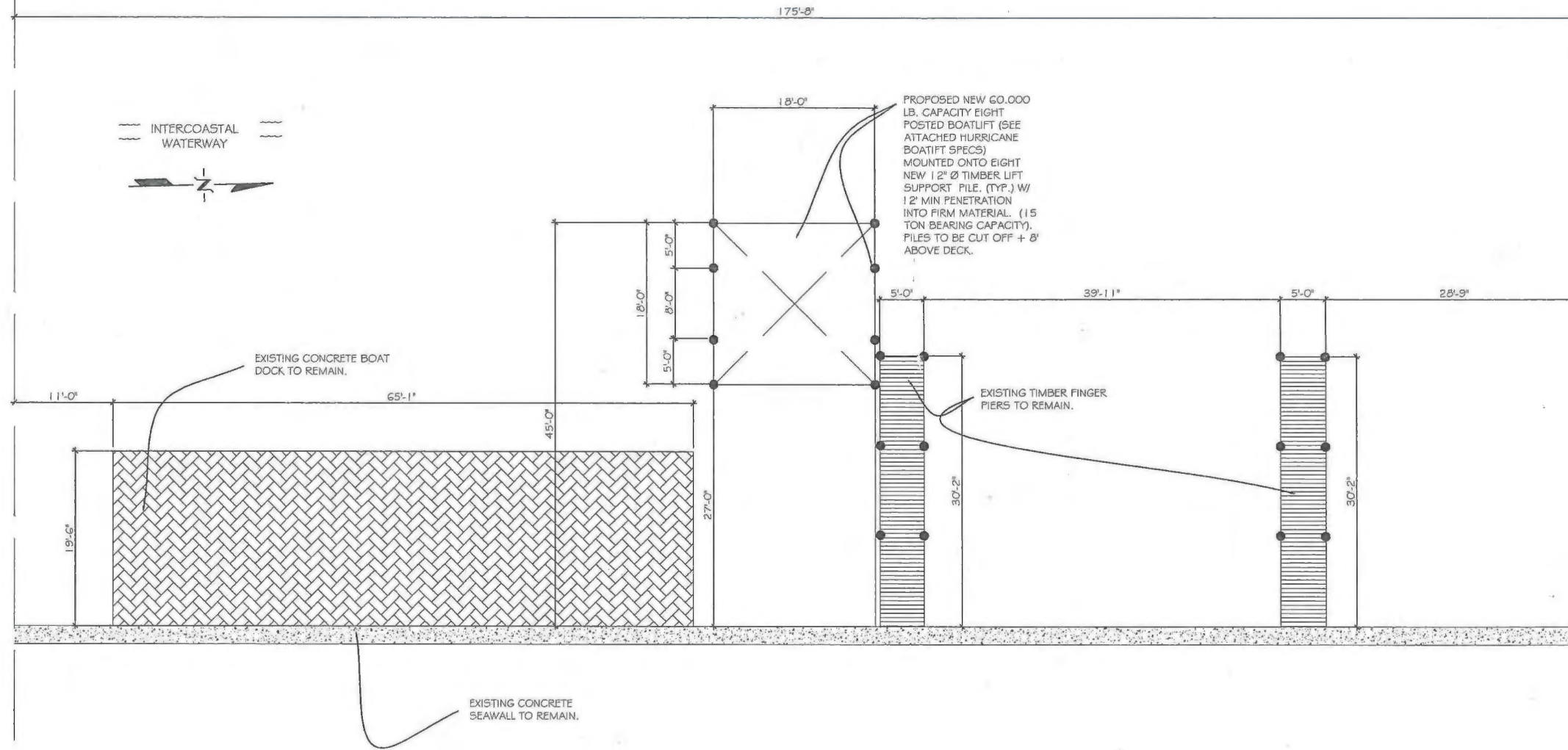
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issued \_\_\_\_\_  
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project no. \_\_\_\_\_  
revisions:  
\_\_\_\_\_  
\_\_\_\_\_

sheet no.  
**S-1**  
1 of 3



# PROPOSED SITE PLAN

SCALE: NTS



*Handwritten signature and date:*  
 11/13/15



job name: PALMISANO RESIDENCE  
 209 N. BIRCH ROAD  
 FT. LAUDERDALE, 33301  
 title: NEW 60,000 LB. CAPACITY BOATLIFT

date \_\_\_\_\_  
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 project no. \_\_\_\_\_  
 revisions: \_\_\_\_\_

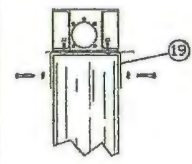
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**S-2**  
 2 of 3



# HURRICANE BOAT LIFTS

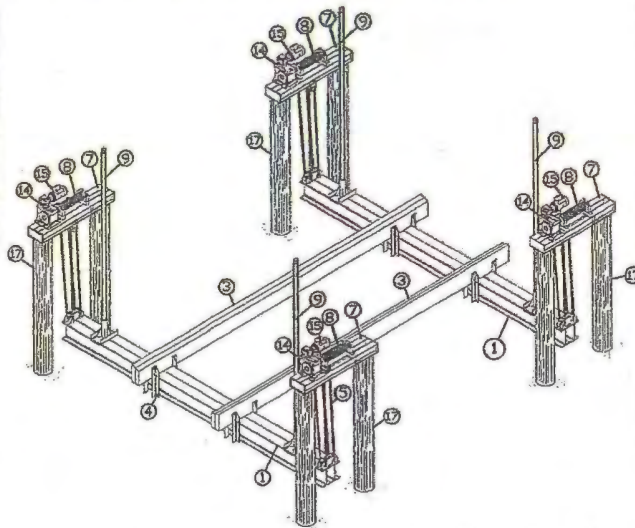
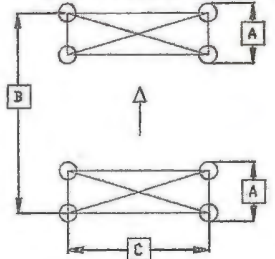
## 8 POLE LIFT ENGINEERING SPECIFICATIONS

Stainless Steel Piling Mount Bracket  
With 2-3/8" Bolts Connecting The  
Bracket To The Assembly.  
1-3/8"x3" Stainless Steel Lag Bolts  
Into Each Side Of Piling



DETAIL  
Piling Penetration  
To Be 10' Into The  
Sand Bottom Or 5'  
Into The Rock Strata

RECOMMENDED PILING SPACING	A	B	C
40,000#	60'	204'	192'
50,000#	60'	204'	192'
60,000#	60'	216'	216'



	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Lift Cap.	30" DIA	PULLEY	CARPETED BUNK BOARD	BUNK BRACKET	CABLES	CONTROLS	TOP BEAM	DRIVE SHAFT (4 EACH)	GUIDE POST (4 EACH)	GUIDE POST BRACKETS (4 EACH)	WEIGHTS	HARDWARE	MATERIAL	DRIVE UNIT	MOTOR HP & QTY.	PILING HT BRACKETS	REC. PILING SIZE	MIN. AMOUNT OF PILING
40,000#	12"x12"x16" DR. CE EACH	BRONZE BUSHING 6" AL	6"x12"x16" DR. FT. AL	HEAVY FLANGE ADJ. AL	2"x12" 60" S.S. 304 4 FT.	MOTOR RIGITE CONTROL	6"x12"x16" (4 EACH)	3/4" DIA SOLID ALUMINUM W/SHDR	25" PVC SCH 40 10' LONG	ALUM STAYTINGS 12"	(4) STEEL WEIGHTS 100'	SS 304	6061 T6 MARINE GRADE AL	DIRECT DRIVE D350	1 HP (4 EA)	STAINLESS STEEL ADJ.	12"x12" DIAMETER	8
50,000#	12"x12"x16" DR. CE EACH	BRONZE BUSHING 6" AL	6"x12"x16" DR. FT. AL	HEAVY FLANGE ADJ. AL	2"x12" 60" S.S. 304 4 FT.	MOTOR RIGITE CONTROL	6"x12"x16" (4 EACH)	3/4" DIA SOLID ALUMINUM W/SHDR	25" PVC SCH 40 10' LONG	ALUM STAYTINGS 12"	(4) STEEL WEIGHTS 100'	SS 304	6061 T6 MARINE GRADE AL	DIRECT DRIVE D350	2 HP (4 EA)	STAINLESS STEEL ADJ.	12" DIAMETER	8
60,000#	12"x12"x16" DR. CE EACH	BRONZE BUSHING 6" AL	6"x12"x16" DR. FT. AL	HEAVY FLANGE ADJ. AL	2"x12" 60" S.S. 304 4 FT.	MOTOR RIGITE CONTROL	6"x12"x16" (4 EACH)	3/4" DIA SOLID ALUMINUM W/SHDR	25" PVC SCH 40 10' LONG	ALUM STAYTINGS 12"	(4) STEEL WEIGHTS 100'	SS 304	6061 T6 MARINE GRADE AL	DIRECT DRIVE D500	2 HP (4 EA)	STAINLESS STEEL ADJ.	12" DIAMETER	8

THE WORK SPECIFIED HEREIN HAS BEEN DESIGNED & ALL WORK SHALL BE IN ACCORDANCE WITH STRUCTURAL PROVISIONS OF THE 2010 FLORIDA BUILDING CODE.

NOTE: THIS LIFTING STRUCTURE HAS BEEN DESIGNED TO WITHSTAND WIND LOADS ASSOCIATED WITH WIND SPEEDS OF  $V_{10} = 180$  MPH,  $V_{30} = 139$  MPH (3 SEC. GUST) EXPOSURE 'D' WITHOUT A BOAT ON THE LIFT PER ASCE 7-10 USING ABOVE GROUND SIGN/WALL METHOD. THE LIFTING STRUCTURE INCLUDING BOAT HAS BEEN DESIGNED TO WITHSTAND WIND SPEEDS OF  $V_{10} = 90$  MPH IN EXPOSURE 'D' OR 80 MPH IN EXPOSURE 'D'.

OWNER RESPONSIBLE TO REMOVE BOAT FROM LIFT DURING WINDSTORM EVENT IN EXCESS  $V_{10}$  AS CALULATED BELOW, PER FBC 2010.5.3 STRUCTURES DESIGNED TO BE READILY REMOVED OR REPOSITIONED DURING PERIODS OF HIGH WIND VELOCITY SHALL BE POSTED WITH A LEGIBLE AND READILY VISIBLE DECAL OR PAINTED INSTRUCTIONS TO BE THE OWNER OR TENANT TO REMOVE OR REPOSITION THE STRUCTURE OR PART THEREOF DURING SUCH PERIODS OF TIME AS ARE DESIGNATED BY THE U.S. WEATHER BUREAU AS BEING A HURRICANE WARNING OR ALERT. THE LIFT OWNER SHALL BE NOTIFIED OF THESE CONDITIONS BY THE PERMIT HOLDER. NO WARRANTY EXPRESSED OR IMPLIED IS CONTAINED HEREIN.  $V_{10}$  MAY BE CALCULATED BY THE FOLLOWING FORMULA:  $V_{10} = 1.6 \times V_{30}$ . DESIGN OF BOAT WIND LOADS HAS BEEN PERFORMED WITH THE FOLLOWING RATIOS AS CONFIRMED BY OTHERS:  $B/S = 3$ ,  $S/H = 0.75$ , FOR A  $C_F$  OF 1.6 MAXIMUM WHERE H IS THE HEIGHT TO TOP OF BOAT, B IS HORIZONTAL DIMENSION, AND S IS VERTICAL DIMENSION.

CERTIFICATION OF BOAT LIFT TO EXISTING STRUCTURE AND ALL ELECTRICAL OR MECHANICAL CERTIFICATIONS ARE BY OTHERS; ENGINEER SEAL CERTIFIES ASSEMBLY OF LIFT ONLY.

THIS DETAIL IS PREPARED AS A GENERAL NON-SITE SPECIFIC MASTER PLAN SHEET DETAIL. TYPICAL FIELD CONDITIONS ARE ASSUMED IN THE DESIGN. VOID FIELDS SHALL BE SEASONED WOOD WITH GROSS OR BETTER. SHOULD ANY SPECIFIC LOCATION DIFFER FROM THAT SPECIFIED HEREIN, OR STANDARD FIELD CONDITIONS, ADDITIONAL SPECIFIC ENGINEERING MAY BE REQUIRED AS DETERMINED BY THE BUILDING INSPECTOR AND PERMITTING CONTRACTOR. CARE SHALL BE TAKEN BY CONTRACTOR IN ALL APPLICATIONS OF THIS DETAIL AS THIS IS NOT A SITE SPECIFIC DRAWING, IT IS THE RESPONSIBILITY OF OTHERS TO ENSURE THE INTEGRITY OF INSTALLATION TO THE HOST STRUCTURE.

ALUMINUM MATERIAL: 6061 T6 ALUMINUM ALL WELDS ARE MIN 1/4" FULL FILLET WELD USING 5556 FILLER ALLOY. ALL WELDING MUST CONFORM TO AISC STEEL CONSTRUCTION MANUAL 13TH ED AS INSPECTED AND VERIFIED BY OTHERS. THE CONTRACTOR IS RESPONSIBLE TO INSULATE ALUMINUM MEMBERS FROM DISSIMILAR METALS TO PREVENT ELECTROLYSIS.

FASTENERS ALL ANCHORS TO BE HILTI BRAND OR NFR EQUIVALENT. ALL BOLTS SHALL BE HOT DIPPED GALVANIZED, OR STAINLESS STEEL & MEET THE REQUIREMENTS OF ASTM A304 WITH HARDENED WASHERS AND HEX NUTS. WASHERS SHALL BE USED BETWEEN WOOD & BOLT HEAD & BETWEEN WOOD & NUT, WHERE GENERIC FASTENERS ARE LABELED IN DETAILS. CAPACITIES SHALL BE EQUAL TO OR GREATER THAN HILTI Kwik Bolt II OR RED HEAD THRU BOLTS. ENGAGEMENT DEPTHS SPECIFIED HEREIN ARE DEPTHS INTO SOLID SUBSTRATE AND DO NOT INCLUDE THICKNESS OF STUCCO OR OTHER FINISHES.

ALUMINUM MEMBERS IN CONTACT WITH CONCRETE AND WOOD SHALL BE PROTECTED BY "KOPPERS BITUMINOUS PAINT" OR POLYETHYLENE TAPE UHMW (ULTRA HIGH MOLECULAR WEIGHT) 11.7 MIL (0.30 MM) MIN. TOTAL THICKNESS IN ACCORDANCE WITH CURRENT FLORIDA BUILDING CODE. ALL WELDS PER FLORIDA BUILDING CODE.

B&B CONSULTING ENGINEERS, INC. HAS NOT VISITED THIS JOBSITE. INFORMATION CONTAINED HEREIN IS BASED ON CONTRACTOR SUPPLIED DATA AND MEASUREMENTS. B&B CONSULTING ENGINEERS, INC. SHALL NOT BE HELD RESPONSIBLE OR LIABLE IN ANY WAY FOR ERRONEOUS OR INACCURATE DATA OR MEASUREMENTS. WORK SHALL BE VERIFIED PRIOR TO CONSTRUCTION.

B&B CONSULTING ENGINEERS, INC. SHALL BE NOTIFIED AND GIVEN AN OPPORTUNITY TO REEVALUATE OUR WORK UPON DISCOVERY OF ANY INACCURATE INFORMATION PRIOR TO MODIFICATION OF EXISTING FIELD CONDITIONS AND FABRICATION AND INSTALLATION OF MATERIALS.

ENGINEERING SEAL AFFIXED HERETO VALIDATES STRUCTURAL DESIGN AS SHOWN ONLY. USE OF THIS SPECIFICATION BY CONTRACTOR, ET AL INDEMNIFIES & SAVES HARMLESS THIS ENGINEER FOR ALL COSTS & DAMAGES INCLUDING LEGAL FEES & APPELLATE FEES RESULTING FROM MATERIAL FABRICATION, SYSTEM ERECTION & CONSTRUCTION PRACTICES BEYOND THAT WHICH IS CALLED FOR BY LOCAL, STATE, & FEDERAL CODES & FORM DEVIATIONS OF THIS PLAN, EXCEPT AS EXPRESSLY PROVIDED IN HEREIN, NO CERTIFICATION OR AFFIRMATIONS ARE INTENDED.

HURRICANE BOAT LIFTS  
3301 S.E. Stater Street  
Stuart, Florida 34997  
(772)-781-2556  
Fax (772)-781-4854  
Revised: 11/11/13 SPECIFICATIONS SUBJECT TO CHANGE AT ANY TIME

B&B Engineers,  
706 S. 7th STREET  
FT. PIERCE, FLORIDA 34950

Oscar M. Bernudez, PE. DATE:  
Reg. Florida No. 55141  
*Oscar Bernudez*  
3-25-14

**RCE**  
CONSULTING ENGINEERS, INC.

LUIS ROSAS-GUYON  
P.E. # 13725  
ES-0004035

11401 S.W. 40 ST., SUITE 245, MIAMI, FL 33183  
PHONE: (305) 386-3858 FAX: (305) 553-0950  
E-MAIL ADDRESS: LUIS@RCECS.COM

**TRIDENT**  
environmental consultants, inc.  
305-244-0595 (M) 305-280-DOCK

job name: PALMISANO RESIDENCE  
209 N. BIRCH ROAD  
FT. LAUDERDALE, 33301  
title: NEW 60,000 LB. CAPACITY BOATLIFT

date \_\_\_\_\_  
issued \_\_\_\_\_  
drawn \_\_\_\_\_  
checked \_\_\_\_\_  
project no. \_\_\_\_\_  
revisions: \_\_\_\_\_

sheet no.  
**S-3**  
3 of 3

7





DEPARTMENT OF THE ARMY  
JACKSONVILLE DISTRICT CORPS OF ENGINEERS  
4400 PGA Boulevard, Suite 500  
Palm Beach Gardens, Florida 33410

November 25, 2014

REPLY TO  
ATTENTION OF

Regulatory Division  
Palm Beach Gardens Section  
SAJ-2014-03079(GP-PWB)

Robert Palmisano  
209 North Birch Road, Condo Unit 1401  
Fort Lauderdale, Florida 33304

Dear Mr. Palmisano:

Your application for a Department of the Army permit received on October 14, 2014, has been assigned number SAJ-2014-03079(GP-PWB). A review of the information and drawings provided shows the proposed work would require the installation of a new boatlift and (8) 12-inch wood piles adjacent to an existing dock. The project would affect waters of the United States associated within the Atlantic Intracoastal Waterway adjacent to 209 North Birch Road, in Section 1, Township 50 South, Range 42 East, Fort Lauderdale, Broward County, Florida.

Your project, as depicted on the enclosed drawings, is authorized by Regional General Permit (GP) SAJ-17. This authorization is valid until April 8, 2018. Please access the Corps' Jacksonville District Regulatory Division Internet page to view the special and general conditions for SAJ-17, which apply specifically to this authorization. The Internet URL address is:

<http://www.saj.usace.army.mil/Missions/Regulatory.aspx>

Please be aware this Internet address is case sensitive; and, you will need to enter it exactly as it appears above. Once there you will need to click on "Source Book"; and, then click on "General Permits". Then you will need to click on the specific SAJ permit noted above. You must comply with all of the special and general conditions of the permit; and, any project-specific conditions noted below, or you may be subject to enforcement action.

The following project-specific conditions are included with this authorization:

**1. Self-Certification Statement of Compliance:** Within 60 days of completion of the work authorized, the enclosed "Self-Certification Statement of Compliance" (Attachment B) must be completed and submitted to the U.S. Army Corps of Engineers. Email the completed form to: [CESAJ-ComplyDocs@usace.army.mil](mailto:CESAJ-ComplyDocs@usace.army.mil) or mail the completed form to the Regulatory Division, Special Projects and Enforcement Branch, 4400 PGA Boulevard, Suite 500, Palm Beach Gardens, Florida 33410.

**2. Assurance of Navigation and Maintenance:** The Permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structures or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the Permittee will be required, upon due notice from the U.S. Army Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.

**3. Manatee Conditions:** The Permittee shall comply with the enclosed (Attachment C) "Standard Manatee Conditions for In-Water Work – 2011."

**4. Sea Turtle and Smalltooth Sawfish Conditions:** The Permittee shall comply with National Marine Fisheries Service's (Attachment D) "Sea Turtle and Smalltooth Sawfish Construction Conditions" dated March 23, 2006.

**5.** Installation of pilings greater than 24 inches in diameter, or installation of any size metal piling or sheet piling by mechanical impact hammer is prohibited. All metal piling(s) shall be driven manually.

**6. Turbidity Barriers:** Prior to the initiation of any of the work authorized by this permit, the Permittee shall install floating turbidity barriers with weighted skirts that extend to within one foot of the bottom around all work areas that are in, or adjacent to, surface waters. The turbidity barriers shall remain in place and be maintained until the authorized work has been completed and all erodible materials have been stabilized.

**7. Cultural Resources/Historic Properties:**

a. No structure or work shall adversely affect, impact, or disturb properties listed in the National Register of Historic Places (NRHP) or those eligible for inclusion in the NRHP.

b. If during the ground disturbing activities and construction work within the permit area, there are archaeological/cultural materials encountered which were not the subject of a previous cultural resources assessment survey (and which shall include, but not be limited to: pottery, modified shell, flora, fauna, human remains, ceramics, stone tools or metal implements, dugout canoes, evidence of structures or any other physical remains that could be associated with Native American cultures or early colonial or American settlement), the Permittee shall immediately stop all work in the vicinity and notify the Corps. The Corps shall then notify the Florida State Historic



Preservation Officer (SHPO) and the appropriate Tribal Historic Preservation Officer(s) (THPO(s)) to assess the significance of the discovery and devise appropriate actions.

c. A cultural resources assessment may be required of the permit area, if deemed necessary by the SHPO, THPO(s), or Corps, in accordance with 36 CFR 800 or 33 CFR 325, Appendix C (5). Based, on the circumstances of the discovery, equity to all parties, and considerations of the public interest, the Corps may modify, suspend or revoke the permit in accordance with 33 CFR Part 325.7. Such activity shall not resume on non-federal lands without written authorization from the SHPO and the Corps.

d. In the unlikely event that unmarked human remains are identified on non-federal lands, they will be treated in accordance with Section 872.05 Florida Statutes. All work in the vicinity shall immediately cease and the Permittee shall immediately notify the medical examiner, Corps, and State Archeologist. The Corps shall then notify the appropriate SHPO and THPO(s). Based, on the circumstances of the discovery, equity to all parties, and considerations of the public interest, the Corps may modify, suspend or revoke the permit in accordance with 33 CFR Part 325.7. Such activity shall not resume without written authorization from the State Archeologist, SHPO, and the Corps.

If you are unable to access the internet or require a hardcopy of any of the conditions, limitations, or expiration date for the above referenced RGP, please contact Paula Bratschi by telephone at 561-472-3532.

This authorization does not obviate the necessity to obtain any other Federal, State, or local permits, which may be required. Prior to the initiation of any construction, projects qualifying for this RGP permit must qualify for an exemption under section 403.813(1), F.S. or 373.406, F.S., or otherwise be authorized by the applicable permit required under Part IV of Chapter 373, F.S., by the Department of Environmental Protection, a water management district under section 373.069, F.S., or a local government with delegated authority under section 373.441, F.S., and receive Water Quality Certification (WQC) and applicable Coastal Zone Consistency Concurrence (CZCC) or waiver thereto, as well as any authorizations required for the use of state-owned submerged lands under Chapter 253, F.S., and, as applicable, Chapter 258, F.S. You should check State-permitting requirements with the Florida Department of Environmental Protection or the appropriate water management district.

This authorization does not include conditions that would prevent the 'take' of a state-listed fish or wildlife species. These species are protected under sec. 379.411, Florida Statutes, and listed under Rule 68A-27, Florida Administrative Code. With regard to fish and wildlife species designated as species of special concern or threatened by the State of Florida, you are responsible for coordinating directly with the Florida Fish and Wildlife Conservation Commission (FWC). You can visit the FWC

license and permitting webpage (<http://www.myfwc.com/license/wildlife/>) for more information, including a list of those fish and wildlife species designated as species of special concern or threatened. The Florida Natural Areas Inventory (<http://www.fnai.org/>) also maintains updated lists, by county, of documented occurrences of those species.

This authorization does not give absolute Federal authority to perform the work as specified on your application. The proposed work may be subject to local building restrictions mandated by the National Flood Insurance Program. You should contact your local office that issues building permits to determine if your site is located in a flood-prone area, and if you must comply with the local building requirements mandated by the National Flood Insurance Program.

Thank you for your cooperation with our permit program. The Corps' Jacksonville District Regulatory Division is committed to improving service to our customers. We strive to perform our duty in a friendly and timely manner while working to preserve our environment. We invite you to complete our automated Customer Service Survey at [http://corpsmapu.usace.army.mil/cm\\_apex/f?p=regulatory\\_survey](http://corpsmapu.usace.army.mil/cm_apex/f?p=regulatory_survey). Please be aware this Internet address is case sensitive; and, you will need to enter it exactly as it appears above. Your input is appreciated – favorable or otherwise.

Sincerely,

BRATSCHI.PA  
ULA.W.12668  
96162

Paula Bratschi  
Project Manager

Digitally signed by  
BRATSCHI.PAULA.W.1266896162  
DN: c=US, o=U.S. Government,  
ou=DoD, ou=PKI, ou=USA,  
cn=BRATSCHI.PAULA.W.12668961  
62  
Date: 2014.11.25 09:40:53 -05'00'

Enclosures:

Attachment A: Drawings

Attachment B: Self-Certification Statement of Compliance

Attachment C: "Standard manatee Conditions for In-Water work – 2011"

Attachment D: "Sea Turtle and Smalltooth Sawfish Construction Conditions," dated March 23, 2006

Copies Furnished:

[Fmny5@aol.com](mailto:Fmny5@aol.com)

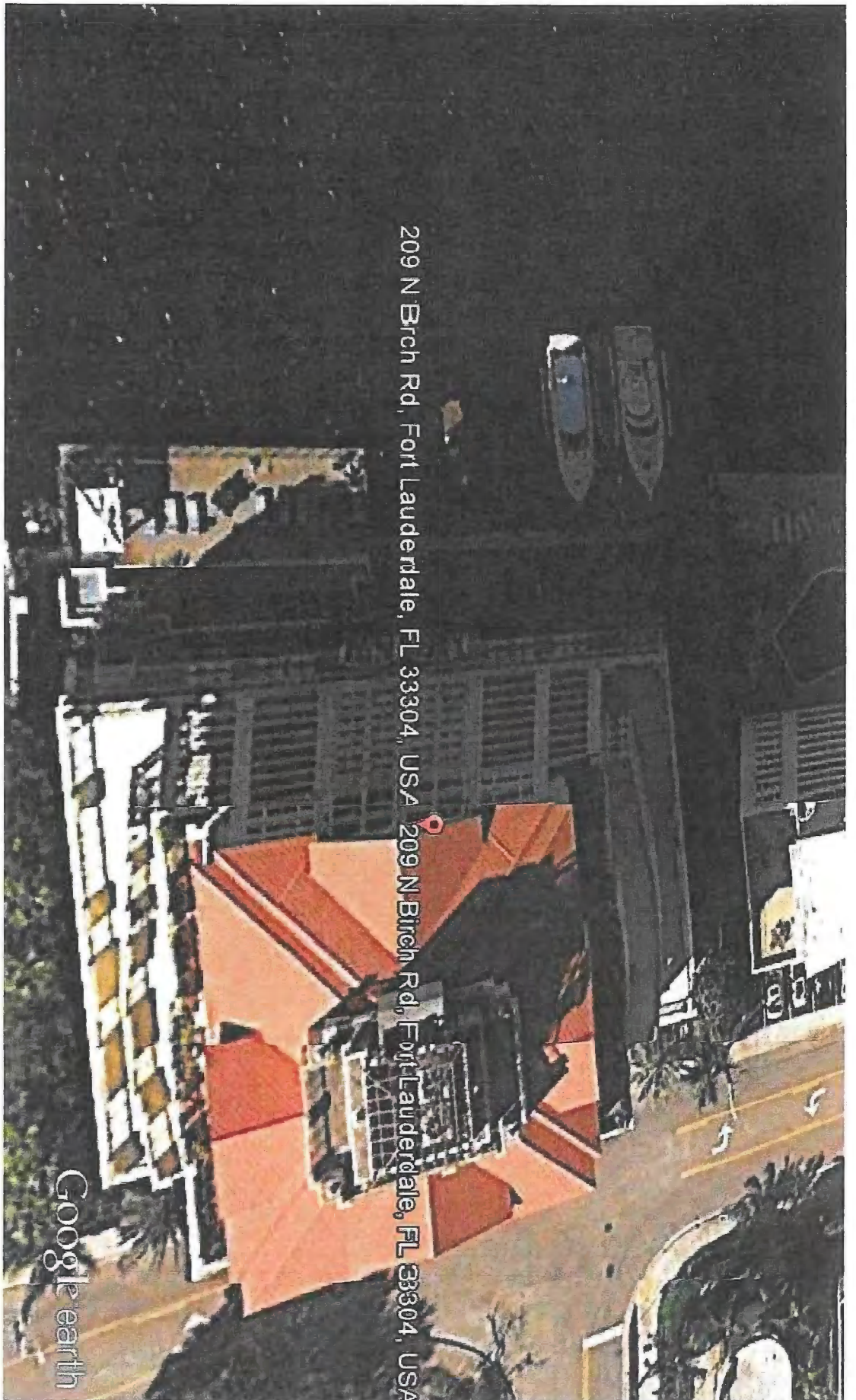
CESAJ-RD-PE

Total Travel Estimate: **56.20 miles - about 59 minutes**



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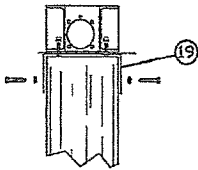




# HURRICANE BOAT LIFTS

## 8 POLE LIFT ENGINEERING SPECIFICATIONS

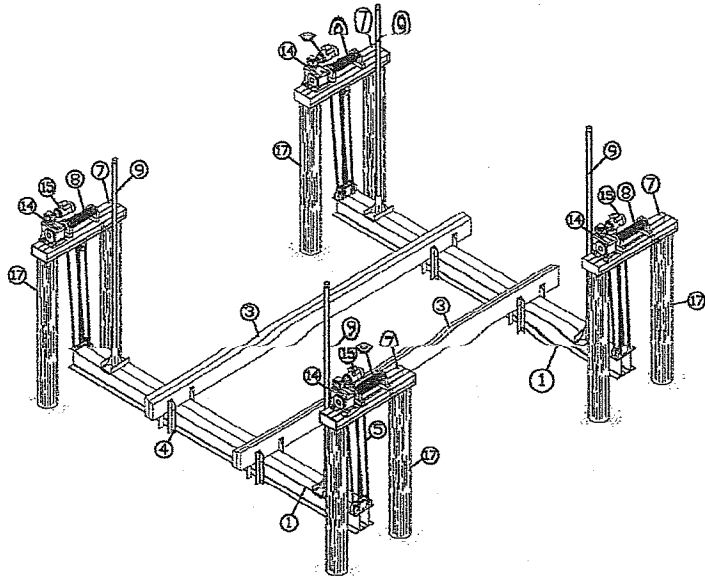
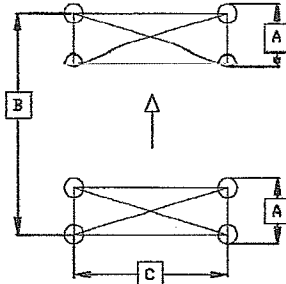
Stainless Steel Billing Mount Bracket with 2-3/8" Bolts Connecting The Bracket To The Assembly. 1-3/8"x3" Stainless Steel Lag Bolts Into Each Side Of Piling



**DETAIL**

ring penetration To Be 10' Into The Sand Bottom Or 5' Into The Rock Strata

RECOMMENDED SPACING	~	-	-
40,000#	60'	204'	192'
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40,000#	12"x7"x1/2" DBL G EACH	BRONZE BUSHING 5" AL.	6"x12"x1/4" DBL PT CUSTOM	HEAVY FLANGE ADL AL.	3/8"x 65" S.S. 304 4 FT-	MOTOR REMOTE CONTROL	6"x4"x5/8" G4 EACH	3/2" DIA SOLID ALUMINUM WINDER	2 1/2" PVC SCH 40 10" LONG	ALUM. STANTIONS 12"	60 STEEL WEIGHTS 120"	SS 304	6061 T6 MARINE GRADE AL.	DIRECT DRIVE D350	1 HP (4 EA)	STAINLESS STEEL ADL.	10"-12" DIAMETER	8
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**NOTES:**

THIS LIFTING STRUCTURE HAS BEEN DESIGNED TO WITHSTAND WIND LOADS ASSOCIATED WITH WIND SPEEDS OF  $V_{10} = 180$  MPH,  $V_{30} = 139$  MPH (3 SEC. GUST) EXPOSURE 'D' WITHOUT A BOAT ON THE LIFT PER ASCE 7-10 USING ABOVE GROUND SIGN/WALL METHOD, THE LIFTING STRUCTURE INCLUDING BOAT HAS BEEN DESIGNED TO WITHSTAND WIND SPEEDS OF  $V_{10} = 90$  MPH IN EXPOSURE 'C' OR 80 MPH IN EXPOSURE 'D'.  
 OWNER RESPONSIBLE TO REMOVE BOAT FROM LIFT DURING WINDSTORM EVENT IN EXCESS  $V_{10}$  AS CALATED BELOW, PER FBC 3105.5.3 STRUCTURES DESIGNED TO BE READILY REMOVED OR REPOSITIONED DURING PERIODS OF HIGH WIND VELOCITY SHALL BE POSTED WITH A LEGIBLE AND READILY VISIBLE DECAL OR PAINTED INSTRUCTIONS TO BE THE OWNER OR TENANT TO REMOVE OR REPOSITION THE STRUCTURE OR PART THEREOF DURING SUCH PERIODS OF TIME AS ARE DESIGNATED BY THE U.S. WEATHER BUREAU AS BEING A HURRICANE WARNING OR ALERT, THE LIFT OWNER SHALL BE NOTIFIED OF THESE CONDITIONS BY THE PERMIT HOLDER, NO WARRANTY, EXPRESSED OR IMPLIED, IS CONTAINED HEREIN.  $V_{10}$  MAY BE CALCULATED BY THE FOLLOWING FORMULA:  $V_{10} = 1.06 * V_{30}$ . DESIGN OF BOAT WIND LOADING HAS BEEN PERFORMED WITH THE FOLLOWING RATIOS AS CONFIRMED BY OTHERS:  $B/S = 3$ ,  $S/H = 0.75$ , FDR A Cf of 1.6 MAXIMUM WHERE H IS THE HEIGHT TO TOP OF BOAT, B IS HORIZONTAL DIMENSION, AND S IS VERTICAL DIMENSION.

CERTIFICATION OF BOAT LIFT TO EXISTING STRUCTURE AND ALL ELECTRICAL OR MECHANICAL CERTIFICATIONS ARE BY OTHERS; ENGINEER SEAL CERTIFIES ASSEMBLY OF LIFT ONLY.

THIS DETAIL IS PREPARED AS A GENERAL NON-SITE SPECIFIC MASTER PLAN SHEET DETAIL. TYPICAL FIELD CONDITIONS ARE ASSUMED IN THE DESIGN. WOOD POLES SHALL BE SEASONED WOOD WITH 6-0.55 OR BETTER. SHOULD ANY SPECIFIC LOCATION DIFFER FROM THAT SPECIFIED HEREIN, OR STANDARD FIELD CONDITIONS, ADDITIONAL SPECIFIC ENGINEERING MAY BE REQUIRED AS DETERMINED BY THE BUILDING INSPECTOR AND PERMITTING CONTRACTOR. CARE SHALL BE TAKEN BY CONTRACTOR IN ALL APPLICATIONS OF THIS DETAIL. AS THIS IS NOT A SITE SPECIFIC DRAWING, IT IS THE RESPONSIBILITY OF OTHERS TO ENSURE THE INTEGRITY OF INSTALLATION TO THE HOST STRUCTURE.

**ALUMINUM**

MATERIAL: 6061 T6 ALUMINUM

ALL WELDS ARE MIN. 1/4" FULL FILLET WELD USING 5556 FILLER ALLOY. ALL WELDING MUST CONFORM TO AISC STEEL CONSTRUCTION MANUAL 13TH ED AS INSPECTED AND VERIFIED BY OTHERS. THE CONTRACTOR IS RESPONSIBLE TO INSULATE ALUMINUM MEMBERS FROM DISSIMILAR METALS TO PREVENT ELECTROLYSIS.

**FASTENERS**

ALL ANCHORS TO BE HILTI BRAND OR MFR EQUIVALENT. ALL BOLTS SHALL BE HOT DIPPED GALVANIZED, OR STAINLESS STEEL & MEET THE REQUIREMENTS OF ASTM A304 WITH HARDENED WASHERS AND HEX NUTS. WASHERS SHALL BE USED BETWEEN WOOD & BOLT HEAD & BETWEEN WOOD & NUT, WHERE GENERIC FASTENERS ARE LABELED IN DETAILS, CAPACITIES SHALL BE EQUAL TO OR GREATER THAN HILTI HVWV BOLT II OR RED HEAD THRU BOLT. EQUIPMENT DETAILS SPECIFIED HEREIN ARE DETAILS INTO ALL SUBSTRATE TYPES UNLESS OTHERWISE SPECIFIED OR OTHER FINISHES.

ALUMINUM MEMBERS IN CONTACT WITH CONCRETE AND WOOD SHALL BE PROTECTED BY 'KOPPERS BITUMINOUS PAINT' OR POLYETHYLENE TAPE UHMW (ULTRA HIGH MOLECULAR WEIGHT) 11.7 MILS (0.30 MM) MIN. TOTAL THICKNESS IN ACCORDANCE WITH CURRENT FLORIDA BUILDING CODE. ALL WELDS PER FLORIDA BUILDING CODE.

B&B CONSULTING ENGINEERS, INC. HAS NOT VISITED THIS JOBSITE. INFORMATION CONTAINED HEREIN IS BASED ON CONTRACTOR SUPPLIED DATA AND MEASUREMENTS. B&B CONSULTING ENGINEERS, INC. SHALL NOT BE HELD RESPONSIBLE OR LIABLE IN ANY WAY FOR ERRONEOUS OR INACCURATE DATA OR MEASUREMENTS. WORK SHALL BE VERIFIED PRIOR TO CONSTRUCTION.

B&B CONSULTING ENGINEERS, INC. SHALL BE NOTIFIED AND GIVEN AN OPPORTUNITY TO REEVALUATE OUR WORK UPON DISCOVERY OF ANY INACCURATE INFORMATION PRIOR TO MODIFICATION OF EXISTING FIELD CONDITIONS AND FABRICATION AND INSTALLATION OF MATERIALS.

ENGINEERING SEAL AFFIXED HERETO VALIDATES STRUCTURAL DESIGN AS SHOWN ONLY. USE OF THIS SPECIFICATION BY CONTRACTOR, ET AL. INDEMNIFIES & SAVES WORKLESS THE ENGINEER FOR ALL COSTS & DAMAGES INCLUDING LEGAL FEES & APPELLATE FEES RESULTING FROM MATERIAL, FABRICATION, SYSTEM ERECTION & CONSTRUCTION PRACTICES BEYOND THAT WHICH IS CALLED FOR BY LOCAL, STATE, & FEDERAL CODES & FORM DEVIATIONS OF THIS PLAN, EXCEPT AS EXPRESSLY PROVIDED IN HEREIN, NO CERTIFICATION OR AFFIRMATIONS ARE INTENDED.

HURRICANE BOAT LIFTS  
 3301 S.E. Slater Street  
 Stuart, Florida 34997  
 (772)-781-2556  
 Fax (772)-781-4854

B&B Engineers,  
 706 S. 7th STREET  
 FT. PIERCE, FLORIDA 34950

Oscar M. Bermudez, PE. DATE:  
 Reg. Florida No. 55141

*Oscar Bermudez*  
 3-25-14

Revised 11/11/12 SPECIFICATIONS SUBJECT TO CHANGE AT ANY TIME



**McLAUGHLIN ENGINEERING COMPANY**  
**LB#285**

ENGINEERING \* SURVEYING \* PLATTING \* LAND PLANNING  
 400 N.E. 3rd AVENUE FORT LAUDERDALE, FLORIDA  
 33301 PHONE (954) 763-7611 \* FAX (954) 763-7615

**SPECIAL PURPOSE LOCATION SURVEY**  
**TO ACCOMPANY REQUEST FOR ARMY CORPS OF**  
**ENGINEERS PERMIT**  
**THE INTRACOASTAL WATERWAY ADJACENT TO**  
**THE SOUTH ONE-HALF LOT 5 AND ALL OF LOTS 6, 7 & 8,**  
**BLOCK 10, LAUDER DEL MAR (7/30 B.C.R.)**  
**SHEET 1 OF 3 SHEETS**

**COORDINATE AND ELEVATION NOTES:**

HORIZONTAL ACCURACY:

The Channel Reference System (CRS) datum refers to U.S. ARMY CORPS OF ENGINEERS (ACOE) 10ft Project Control Map, File 8B-24,258, Sheet 16 of 20. The Channel Cut Reference Stations bearings and coordinates have been transformed to the North American Datum 1983 High Accuracy Reference Network (NAD83(HARN)) as furnished by the ACOE. The coordinates shown on the property are from control that was shot in the field by using the Global Positioning System (GPS) and meet or exceed the one (1) foot tolerance requirements of the ACOE.

VERTICAL ACCURACY:

The Elevations shown hereon refer to Mean Lower Low Water (MLLW) as converted using Verticon 3.2 software, utilizing National Geodetic Survey Bench Mark #DM1514 (ELEVATION = 5.45 MLLW) with a Latitude of 26°06'51"N and Longitude of 80°06'22"W and meet or exceed the 0.5 foot vertical tolerance requirements of the ACOE and are indicated thus:

*x(-)9.0 +6.01*

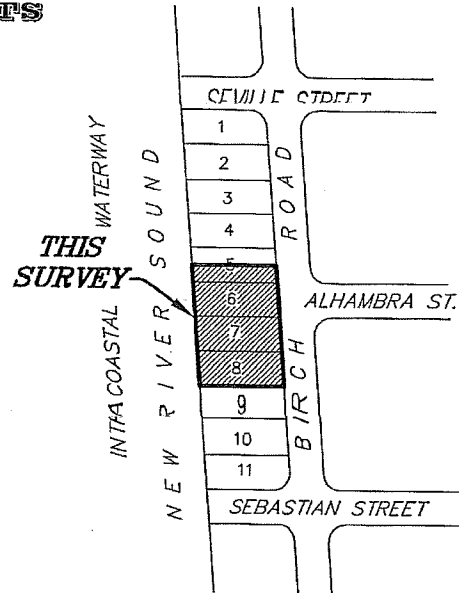
UPLAND LEGAL DESCRIPTION:

The South one-half (S 1/2) of Lot 5 and all of Lots 6, 7 and 8, Block 10, LAUDER DEL MAR, according to the plat thereof, as recorded in Plat Book 7, Page 39, of the public records of Broward County, Florida.

Said lands situate lying and being in Section 1, Township 50 South, Range 42 East, City of Fort Lauderdale, Broward County, Florida.

GENERAL NOTES:

- 1) This survey reflects all easements and rights-of-way, as shown on above referenced record plat(s). The subject property was not surveyed for utility easements road reservations or rights-of-way of record by McLaughlin Engineering Company.
- 2) Underground improvements if any not located.
- 3) This drawing is not valid unless sealed with an embossed surveyors seal.
- 4) Survey information does not infer Title or Ownership.
- 5) The purpose of this survey is to establish the horizontal and vertical positioning of improvements, whether proposed or existing, within the Intracoastal Waterway using the criteria established in that certain Memorandum for Record (CESAJ-RD (1200a)) Dated July 18, 2013.



LOCATION MAP  
 NOT TO SCALE

CERTIFICATION:

We hereby certify that this survey meets the Standards of Practice as set forth by the Florida Board of Professional Surveyors and Mappers in Chapter 5J-17.05 Florida Administrative Code, pursuant to Section 472.027, Florida Statutes.

at Fort Lauderdale,  
 Florida, this 9th day of  
 October, 2014.

McLAUGHLIN ENGINEERING COMPANY

*[Signature]*  
 JERALD A. McLAUGHLIN  
 Registered Land Surveyor No. 5269  
 State of Florida.

FIELD BOOK NO. EFB-GPS & PRINT

DRAWN BY: JMMjr

JOB ORDER NO. U-9596

CHECKED BY: \_\_\_\_\_

C: \JMMjr\2014\U9596(XY)

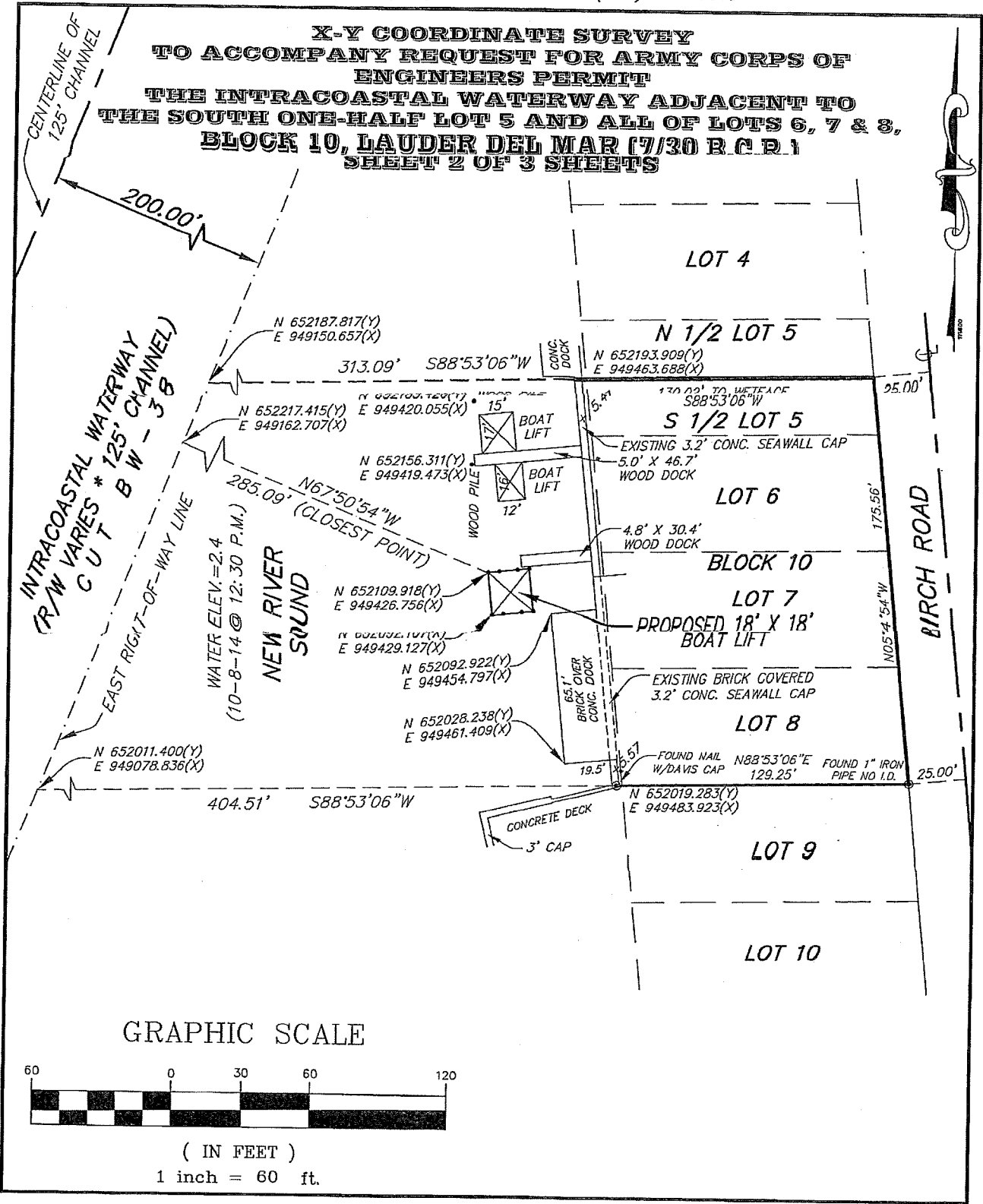


# McLAUGHLIN ENGINEERING COMPANY

LB#285

ENGINEERING \* SURVEYING \* PLATTING \* LAND PLANNING  
400 N.E. 3rd AVENUE FORT LAUDERDALE, FLORIDA  
33301 PHONE (954) 763-7611 \* FAX (954) 763-7615

## X-Y COORDINATE SURVEY TO ACCOMPANY REQUEST FOR ARMY CORPS OF ENGINEERS PERMIT THE INTRACOASTAL WATERWAY ADJACENT TO THE SOUTH ONE-HALF LOT 5 AND ALL OF LOTS 6, 7 & 8, BLOCK 10, LAUDER DEL MAR (7/30 R.C.R.I SHEET 2 OF 3 SHEETS



### GRAPHIC SCALE



( IN FEET )  
1 inch = 60 ft.

FIELD BOOK NO. EFB & PRINT  
JOB ORDER NO. U-9596

DRAWN BY: JMMjr  
CHECKED BY: \_\_\_\_\_

C: \JMMjr\2014\U9596(XY)

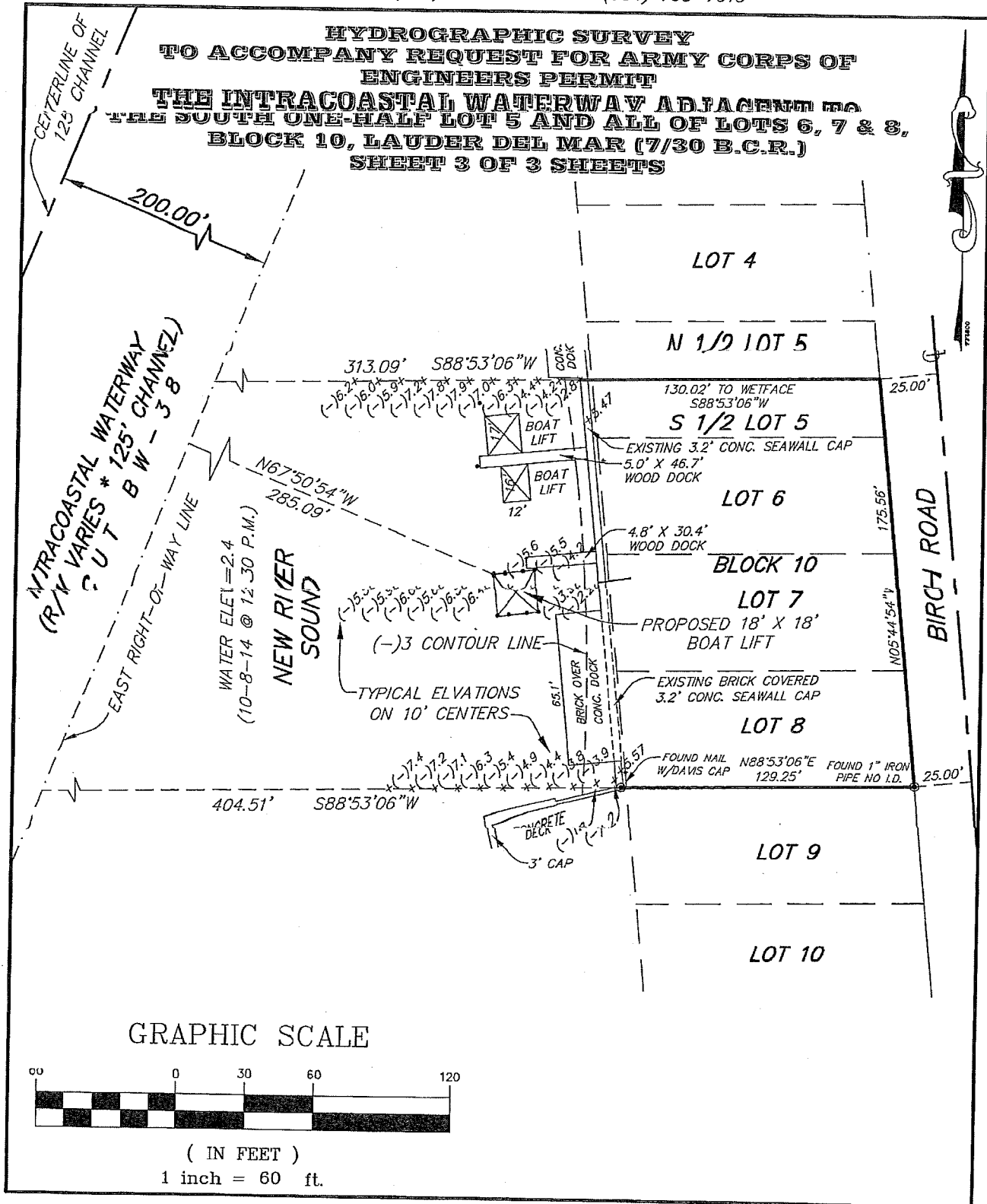




**McLAUGHLIN ENGINEERING COMPANY**  
**LB#285**

ENGINEERING \* SURVEYING \* PLATTING \* LAND PLANNING  
 400 N.E. 3rd AVENUE FORT LAUDERDALE, FLORIDA  
 33301 PHONE (954) 763-7611 \* FAX (954) 763-7615

**HYDROGRAPHIC SURVEY**  
**TO ACCOMPANY REQUEST FOR ARMY CORPS OF**  
**ENGINEERS PERMIT**  
**THE INTRACOASTAL WATERWAY ADJACENT TO**  
**THE SOUTH ONE-HALF LOT 5 AND ALL OF LOTS 6, 7 & 8,**  
**BLOCK 10, LAUDER DEL MAR (7/30 B.C.R.)**  
**SHEET 3 OF 3 SHEETS**



FIELD BOOK NO. EFB & PRINT

DRAWN BY: JMMjr

JOB ORDER NO. U-9596

CHECKED BY: \_\_\_\_\_

C: \JMMjr/2014/U9596(XY)

**SELF-CERTIFICATION STATEMENT OF COMPLIANCE**

**Permit Number: SAJ-17**  
**Application Number: SAJ-2014-03079(GP-PWB)**

Permittee's Name & Address (please print or type): \_\_\_\_\_

\_\_\_\_\_

Telephone Number: \_\_\_\_\_

Location of the Work: \_\_\_\_\_

\_\_\_\_\_

Date Work Started: \_\_\_\_\_ Date Work Completed: \_\_\_\_\_

**PROPERTY IS INACCESSIBLE WITHOUT PRIOR NOTIFICATION: YES \_\_\_\_\_ NO \_\_\_\_\_**

**TO SCHEDULE AN INSPECTION PLEASE CONTACT \_\_\_\_\_**  
**AT \_\_\_\_\_**

Description of the Work (e.g. bank stabilization, residential or commercial filling, docks, dredging, etc.): \_\_\_\_\_

\_\_\_\_\_

Acreage or Square Feet of Impacts to Waters of the United States: \_\_\_\_\_

Describe Mitigation completed (if applicable): \_\_\_\_\_

\_\_\_\_\_

Describe any Deviations from Permit (attach drawing(s) depicting the deviations):

\_\_\_\_\_

\*\*\*\*\*

I certify that all work, and mitigation (if applicable) was done in accordance with the limitations and conditions as described in the permit. Any deviations as described above are depicted on the attached drawing(s).

\_\_\_\_\_  
Signature of Permittee

\_\_\_\_\_  
Date

## STANDARD MANATEE CONDITIONS FOR IN-WATER WORK

2011

The permittee shall comply with the following conditions intended to protect manatees from direct project effects:

- a. All personnel associated with the project shall be instructed about the presence of manatees and manatee speed zones, and the need to avoid collisions with and injury to manatees. The permittee shall advise all construction personnel that there are civil and criminal penalties for harming, harassing, or killing manatees which are protected under the Marine Mammal Protection Act, the Endangered Species Act, and the Florida Manatee Sanctuary Act.
- b. All vessels associated with the construction project shall operate at "Idle Speed/No Wake" at all times while in the immediate area and while in water where the draft of the vessel provides less than a four-foot clearance from the bottom. All vessels will follow routes of deep water whenever possible.
- c. Siltation or turbidity barriers shall be made of material in which manatees cannot become entangled, shall be properly secured, and shall be regularly monitored to avoid manatee entanglement or entrapment. Barriers must not impede manatee movement.
- d. All on-site project personnel are responsible for observing water-related activities for the presence of manatee(s). All in-water operations, including vessels, must be shutdown if a manatee(s) comes within 50 feet of the operation. Activities will not resume until the manatee(s) has moved beyond the 50-foot radius of the project operation, or until 30 minutes elapses if the manatee(s) has not reappeared within 50 feet of the operation. Animals must not be herded away or harassed into leaving.
- e. Any collision with or injury to a manatee shall be reported immediately to the Florida Fish and Wildlife Conservation Commission (FWC) Hotline at 1-888-404-3922. Collision and/or injury should also be reported to the U.S. Fish and Wildlife Service in Jacksonville (1-904-731-3336) for north Florida or Vero Beach (1-772-562-3909) for south Florida, and to FWC at [ImperiledSpecies@myFWC.com](mailto:ImperiledSpecies@myFWC.com)
- f. Temporary signs concerning manatees shall be posted prior to and during all in-water project activities. All signs are to be removed by the permittee upon completion of the project. Temporary signs that have already been approved for this use by the FWC must be used. One sign which reads *Caution: Boaters* must be posted. A second sign measuring at least 8 ½" by 11" explaining the requirements for "Idle Speed/No Wake" and the shut down of in-water operations must be posted in a location prominently visible to all personnel engaged in water-related activities. These signs can be viewed at [MyFWC.com/manatee](http://MyFWC.com/manatee). Questions concerning these signs can be sent to the email address listed above.

# CAUTION: MANATEE HABITAT

All project vessels

## IDLE SPEED / NO WAKE

When a manatee is within 50 feet of work  
all in-water activities must

# SHUT DOWN

Report any collision with or injury to a manatee:



**Wildlife Alert:**

**1-888-404-FWCC(3922)**

cell \*FWC or #FWC





**UNITED STATES DEPARTMENT OF COMMERCE**  
**National Oceanic and Atmospheric Administration**  
**NATIONAL MARINE FISHERIES SERVICE**  
Southeast Regional Office  
263 13th Avenue South  
St. Petersburg, FL 33701

## **SEA TURTLE AND SMALLTOOTH SAWFISH CONSTRUCTION CONDITIONS**

The permittee shall comply with the following protected species construction conditions:

- a. The permittee shall instruct all personnel associated with the project of the potential presence of these species and the need to avoid collisions with sea turtles and smalltooth sawfish. All construction personnel are responsible for observing water-related activities for the presence of these species.
- b. The permittee shall advise all construction personnel that there are civil and criminal penalties for harming, harassing, or killing sea turtles or smalltooth sawfish, which are protected under the Endangered Species Act of 1973.
- c. Siltation barriers shall be made of material in which a sea turtle or smalltooth sawfish cannot become entangled, be properly secured, and be regularly monitored to avoid protected species entrapment. Barriers may not block sea turtle or smalltooth sawfish entry to or exit from designated critical habitat without prior agreement from the National Marine Fisheries Service's Protected Resources Division, St. Petersburg, Florida.
- d. All vessels associated with the construction project shall operate at "no wake/idle" speeds at all times while in the construction area and while in water depths where the draft of the vessel provides less than a four-foot clearance from the bottom. All vessels will preferentially follow deep-water routes (e.g., marked channels) whenever possible.
- e. If a sea turtle or smalltooth sawfish is seen within 100 yards of the active daily construction/dredging operation or vessel movement, all appropriate precautions shall be implemented to ensure its protection. These precautions shall include cessation of operation of any moving equipment closer than 50 feet of a sea turtle or smalltooth sawfish. Operation of any mechanical construction equipment shall cease immediately if a sea turtle or smalltooth sawfish is seen within a 50-ft radius of the equipment. Activities may not resume until the protected species has departed the project area of its own volition.
- f. Any collision with and/or injury to a sea turtle or smalltooth sawfish shall be reported immediately to the National Marine Fisheries Service's Protected Resources Division (727-824-5312) and the local authorized sea turtle stranding/rescue organization.
- g. Any special construction conditions, required of your specific project, outside these general conditions, if applicable, will be addressed in the primary consultation.

Revised: March 23, 2006

O:\forms\Sea Turtle and Smalltooth Sawfish Construction Conditions.doc



GENERAL CONDITIONS

33 CFR PART 320-330

PUBLISHED FEDERAL REGISTER DATED 13 NOVEMBER 1986

1. The time limit for completing the work authorized ends on the **dates identified in the letter**. If you find that you need more time to complete the authorized activity, submit your request for a time extension to this office for consideration at least one month before the above date is reached.
2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.
3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and state coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.
4. If you sell the property associated with this permit you must obtain the signature of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.
5. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to this permit. For your convenience, a copy of the certification is attached if it contains such conditions.
6. You must allow a representative from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.



**DEPARTMENT OF THE ARMY PERMIT TRANSFER REQUEST**

**PERMIT NUMBER: SAJ-2014-03079(GP-PWB)**

When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. Although the construction period for works authorized by Department of the Army permits is finite, the permit itself, with its limitations, does not expire.

To validate the transfer of this permit and the associated responsibilities associated with compliance with its terms and conditions, have the transferee sign and date below and mail to the U.S. Army Corps of Engineers, Enforcement Section, Post Office Box 4970, Jacksonville, FL 32232-0019.

\_\_\_\_\_  
(TRANSFEEE-SIGNATURE)

\_\_\_\_\_  
(SUBDIVISION)

\_\_\_\_\_  
(DATE)

\_\_\_\_\_  
(LOT)

\_\_\_\_\_  
(BLOCK)

\_\_\_\_\_  
(NAME-PRINTED)

\_\_\_\_\_  
(STREET ADDRESS)

\_\_\_\_\_  
(MAILING ADDRESS)

\_\_\_\_\_  
(CITY, STATE, ZIP CODE)

8



FLORIDA DEPARTMENT OF  
ENVIRONMENTAL PROTECTION

BOB MARTINEZ CENTER  
2600 BLAIRSTONE ROAD  
TALLAHASSEE, FLORIDA 32399-2400

RICK SCOTT  
GOVERNOR

CARLOS LOPEZ-CANTERA  
LT. GOVERNOR

HERSCHEL T. VINYARD JR.  
SECRETARY

---

**SELF CERTIFICATION FOR THE ADDITION OF A BOAT LIFT TO  
PRIVATE, RESIDENTIAL SINGLE-FAMILY DOCK**

Self Certification File No.: **0329020001EE**  
File Name: **209 Norh Birch Road Fort Lauderdale, FL 33301**  
- **Self Certification Boat Lift (General)**

Dear **FRANK MORMANDO**: On, **08/30/2014**, you used the Department's electronic Self Certification Process to certify compliance with the terms and conditions necessary for the addition of a Boat Lift to a private, residential single-family dock at a detached, single-family residence located at:

**LAT - Degrees: 26 Minutes: 7 Seconds: 29.7543**  
**LONG - Degrees: -80 Minutes: 6 Seconds: 21.1091**  
**SITE ADDRESS: 209 Norh Birch Road Fort Lauderdale, FL 33301**  
**COUNTY: Broward**  
For:  
**Robert Palmisano**  
**209 North Birch Road**

**Fort Lauderdale, FL 33301**

You have certified that the Boat Lift you propose to construct at the above location meets all the conditions of the Self Certification Process. A Boat Lift that is built in conformance to those conditions (attached for reference) will:

1. Qualify for a regulatory exemption under Chapter 18-20.004(5)(b)8 of the Florida Statutes. As such, it is exempt from the need to obtain a DEP Environmental Resource Permit.

Your Self Certification is based solely on the information you provided under this process, and applies only to the statutes and rules in effect when your certification was completed. The certification is effective only for the specific Boat Lift proposed, and only if the Boat Lift is constructed, operated, and maintained in conformance with all the terms, conditions, and limitations stated in the Self Certification Process. In addition, any substantial modifications in your plans should be submitted to the Department for review, as changes may result in a permit being required.

You have acknowledged that this Self Certification will automatically expire if:

1. Construction of the Boat Lift is not completed within one year from the self certification date;
2. site conditions materially change;
3. the terms, conditions, and limitations of the Self Certification are not followed; or
4. the governing statutes or rules are amended before construction of the project.

Completion of the Self Certification constitutes your authorization for Department personnel to enter the property for purposes of inspecting for compliance.

Receipt of this Self Certification constitutes letter of consent required by rule 18-21.004(7) F.A.C.

#### ADDITIONAL INFORMATION

This Self Certification Process does not relieve you from the responsibility of obtaining other permits or authorizations from other agencies (federal, state, Water Management District, or local) that may be required for the project. Construction of the Boat Lift may require federal authorization. The Corps has been furnished a copy of your Self Certification letter. They will contact you with further information about their process. If you do not hear from them, please contact them directly. Jacksonville District contact information can be found at: <http://www.saj.usace.army.mil/Missions/Regulatory.aspx>. Failure to obtain all applicable authorizations prior to construction of the Boat Lift may result in enforcement.

If you have any questions, please contact your local Department District Office. Contact information can be found at: [http://www.dep.state.fl.us/water/wetlands/docs/sler\\_contacts.pdf](http://www.dep.state.fl.us/water/wetlands/docs/sler_contacts.pdf). When referring to your project, please use the Self Certification file number listed above.

Sincerely,  
Florida Department of Environmental Protection

Enclosures:

- Single Family Dock Criteria
- General Conditions for Sovereignty/State-Owned Submerged Lands Authorization
- Manatee Conditions

#### **Boat lifts are subject to all of the following conditions:**

1. Is to be installed in an existing slip or, at or adjacent to the waterward end of the dock;
2. With other mooring will not result in the mooring of more than two vessels (including jet skis);
3. Will be built without adding new surface area to the dock such as walkways, gangplanks, or catwalks;
4. Will not be located in areas prohibited for mooring by a previously issued permit or other form of authorization issued by a local government;
5. Will not substantially impede the flow of water, cause water pollution, or create a navigational hazard;  
and
6. Is used ONLY for recreational, noncommercial activities associated with the mooring or storage of boats and boat paraphernalia.

## **General Conditions for Sovereignty/State-Owned Submerged Lands Authorization**

Any use of sovereignty/state-owned submerged lands is subject to the following general conditions that are binding upon the applicant and are enforceable under Chapters 253 or 258, F.S.:

1. Sovereignty/state-owned submerged lands may be used only for the specified activity or use. Any unauthorized deviation from the specified activity or use and the conditions for undertaking that activity or use will constitute a violation. Violation of the authorization will result in suspension or revocation of the applicant's use of the sovereignty/state-owned submerged lands unless cured to the satisfaction of the Board of Trustees of the Internal Improvement Trust Fund (Board).
2. Authorization under Rule 18-21.005, F.A.C., conveys no title to sovereignty/state-owned submerged lands or water column, nor does it constitute recognition or acknowledgment of any other person's title to such land or water.
3. Authorizations under Rule 18-21.005, F.A.C., may be modified, suspended or revoked in accordance with its terms or the remedies provided in Sections 253.04, F.S. or Chapter 18-14, F.A.C.
4. Structures or activities will be constructed and used to avoid or minimize adverse impacts to resources.
5. Construction, use, or operation of the structure or activity will not adversely affect any species which is endangered, threatened or of special concern, as listed in Rules 68A-27.003, 68A-27.004, and 68A-27.005, F.A.C.
6. Structures or activities will not unreasonably interfere with riparian rights. When a court of competent jurisdiction determines that riparian rights have been unlawfully affected, the structure or activity will be modified in accordance with the court's decision.
7. Structures or activities will not create a navigational hazard.
8. Structures will be maintained in a functional condition and will be repaired or removed if they become dilapidated to such an extent that they are no longer functional.
9. Structures or activities will be constructed, operated, and maintained solely for water dependent purposes.
10. The applicant agrees to indemnify, defend and hold harmless the Board and the State of Florida from all claims, actions, lawsuits and demands in any form arising out of the authorization to use sovereignty/state-owned submerged lands or the applicant's use and construction of structures on sovereignty/state-owned submerged lands. This duty to indemnify and hold harmless will include any and all liabilities that are associated with the structure or activity including special assessments or taxes that are now or in the future assessed against the structure or activity during the period of the authorization.
11. Failure by the Board to enforce any violation of the authorization or waiver by the Board of any provision of the authorization will not invalidate the provision not enforced or waived, nor will the failure or waiver prevent the Board from enforcing the waived or unenforced provision in the event of a future violation of that provision.
12. Applicant binds itself and its successors and assigns to abide by the provisions and conditions set forth in the authorization. If the applicant or its successors or assigns fails or refuses to comply with the provisions and conditions of the authorization, the authorization may be terminated by the Board after written notice to the applicant or its successors or assigns. Upon receipt of such notice, the applicant or

its successors or assigns will have thirty (30) days in which to correct the violations. Failure to correct the violations within this period will result in the automatic revocation of this authorization.

13. All costs incurred by the Board in enforcing the terms and conditions of the authorization will be paid by the applicant. Any notice required by law will be made by certified mail at the address shown on page one of the authorization. The applicant will notify the Board in writing of any change of address at least ten days before the change becomes effective.
14. This authorization does not allow any activity prohibited in a conservation easement or restrictive covenant of record that prohibits the activity.

### **Manatee Conditions**

The following conditions are intended to protect manatees from direct project effects; THESE CONDITIONS APPLY ONLY IN WATERS THAT ARE ACCESSIBLE TO MANATEES:

1. All personnel associated with the project will be instructed about the presence of manatees and manatee speed zones, and the need to avoid collisions with and injury to manatees. The permittee will advise all construction personnel that there are civil and criminal penalties for harming, harassing, or killing manatees which are protected under the Marine Mammal Protection Act, the Endangered Species Act, and the Florida Manatee Sanctuary Act.
2. All vessels associated with the construction project will operate at "Idle Speed/No Wake" at all times while in the immediate area and while in water where the draft of the vessel provides less than a four-foot clearance from the bottom. All vessels will follow routes of deep water whenever possible.
3. Siltation or turbidity barriers will be made of material in which manatees cannot become entangled, will be properly secured, and will be regularly monitored to avoid manatee entanglement or entrapment. Barriers must not impede manatee movement.
4. All on-site project personnel are responsible for observing water-related activities for the presence of manatee(s). All in-water operations, including vessels, must be shutdown if a manatee(s) comes within 50 feet of the operation. Activities will not resume until the manatee(s) has moved beyond the 50-foot radius of the project operation, or until 30 minutes elapses if the manatee(s) has not reappeared within 50 feet of the operation. Animals must not be herded away or harassed into leaving.
5. Any collision with or injury to a manatee will be reported immediately to the FWC Hotline at 1-888-404-FWCC. Collision and/or injury should also be reported to the U.S. Fish and Wildlife Service in Jacksonville (1-904-731-3336) for north Florida or Vero Beach (1-772-562-3909) for south Florida.
6. Temporary signs concerning manatees will be posted prior to and during all in-water project activities. All signs are to be removed by the permittee upon completion of the project. Awareness signs that have already been approved for this use by the Florida Fish and Wildlife Conservation Commission (FWC) must be used (see MyFWC.com). One sign which reads Caution: Boaters must be posted. A second sign measuring at least 8 1/2" by 11" explaining the requirements for "Idle Speed/No Wake" and the shut down of in-water operations must be posted in a location prominently visible to all personnel engaged in water-related activities.



9



Environmental Protection and Growth Management Department  
**PLANNING AND ENVIRONMENTAL REGULATION DIVISION**  
1 North University Drive, Suite 102-A • Plantation, Florida 33324 • 954-357-6666 • FAX 954-357-6521 • 954-519-1412

**BROWARD COUNTY**  
**PLANNING & ENVIRONMENTAL REGULATION**  
**ENVIRONMENTAL RESOURCE GENERAL LICENSE**

**No: FTL1409-054**

**Broward County Code 27-336(a) (1) (f)**

**Applicant: Robert Palmisano**

**Description: Install boatlift**

**Issued Date: 09/29/14**

**Expiration Date: 09/29/16**

The above project has been reviewed and has been verified to meet the criteria outlined in Chapter 27-336(a) (1) of the Broward County Natural Resource Protection Code for the issuance of this Environmental Resource General License (GL). This approval is specific for the plans and description described on this verification. Any change to project footprint, design or size must be reviewed by this Department and may require additional licensing.

Construction shall be in accordance with the submitted Application, the approved plans and the attached General Conditions. **This approval does not authorize impacts to natural resources (mangroves, sea grasses, etc.).** Failure to comply with the license conditions may result in suspension or revocation of the license and/or enforcement actions.

Issuance of this license does not relieve the licensee from obtaining any other required federal, state or local permits or authorizations required for this project prior to commencement.

*Per Section 27-58(b)(9), "The licensee, by acceptance of this license, specifically agrees to allow access and shall allow access to the licensed source, activity, or facility at times to the COUNTY personnel for the purposes of inspection and testing to determine compliance with this license and this chapter."*

**Aquatic & Wetland Resources Reviewer: Linda Sunderland**

A blue ink handwritten signature, appearing to read "Linda Sunderland", is written over the printed name.

**Telephone: 954-519-1454**

**email: [lsunderland@broward.org](mailto:lsunderland@broward.org)**

**GENERAL CONDITIONS:**

**GL # FTL1409-054**

1. The terms, conditions, requirements, limitations and restrictions set forth herein are accepted by the licensee and enforceable by EPGMD pursuant to this chapter. EPGMD will review this license periodically and may revoke the license, initiate administrative and/or judicial action for any violation of the conditions by the licensee, its agents, employees, servants or representatives or principals.
2. This license is valid only for the specific uses set forth in the license application, and any deviation from the approved uses may constitute grounds for revocation and enforcement action by EPGMD.
3. In the event the licensee is temporarily unable to comply with any of the conditions of the license, the licensee shall notify EPGMD within twelve (12) hours. Within five (5) working days of the event, the licensee shall submit a written report to EPGMD that describes the incident, its cause, the measures being taken to correct the problem and prevent its reoccurrence, the owner's intention toward repair, replacement, and reconstruction of destroyed facilities, and a schedule of action leading toward operation within the license conditions.
4. The issuance of this license does not convey any vested rights or exclusive privileges, nor does it authorize any injury to public or private property or any invasion of personal rights, or any violations of federal, state or local laws or regulations.
5. This license must be available for inspection on the licensee's premises during the entire life of the license.
6. By accepting this license, the licensee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, that are submitted to EPGMD, may be used by EPGMD as evidence in any enforcement proceeding arising under Chapter 27, except where such use is prohibited by § 403.111, F.S.
7. The licensee agrees to comply with Chapter 27, as amended.
8. Any new owner of a licensed facility shall apply by letter for a transfer of license within thirty (30) days after sale or legal transfer. The transferor shall remain liable for performance in accordance with the license until the transferee applies for, and is granted the transfer of license. The transferee shall also be liable for performance in accordance with the license.
9. The licensee, by acceptance of this license, specifically agrees to allow access to the licensed source at reasonable times by EPGMD personnel for the purposes of inspection and testing to determine compliance with this license and this Chapter 27.
10. This license does not constitute a waiver or approval of any other license that may be required for other aspects of the total project.
11. If the licensee wishes to renew a license or extend its term, the licensee shall make application sixty (60) days prior to its expiration. Expired licenses are not renewable.
12. In addition to the general conditions set forth above, each license issued by EPGMD shall contain specific conditions determined by site conditions and requirements pursuant to the regulations as determined by the director of EPGMD. The licensee agrees that specific conditions are enforceable by EPGMD for any violation thereof.
13. Enforcement of the terms and provisions of this license shall be at the reasonable discretion of EPD, and any forbearance on behalf of EPD to exercise its rights hereunder in the event of any breach by the licensee shall not be deemed or construed to be a waiver of EPD's rights hereunder.

**STANDARD SPECIFIC CONDITIONS:**

**GL # FTL1409-054**

**504201AN0210**

(Required for all licenses)

1. Notify EPD in writing a minimum of forty-eight (48) hours prior to project commencement and a maximum of forty-eight (48) hours after project completion.
2. Notify the Department immediately in the event of any project-caused environmental problem(s).
3. **All project generated solid waste and/or spoil material must be disposed of in a suitable approved manner at an upland location and shall not be placed or left in the water.**
4. Turbidity screens or equivalent shall be properly deployed and maintained as necessary during construction activities so that turbidity levels do not exceed twenty-nine (29) NTU's above natural background fifty (50) feet downstream of project.
5. Only clean fill and clean demolition materials shall be placed in the water bodies being filled. Clean demolition materials include things such as brick, stone, ceramic and concrete rubble which are uncontaminated by other materials. Any fill material used shall be free of garbage, rubbish, refuse, asphalt, hazardous materials, organic matter such (as) wood, lumber, tree or tree trimmings, or other contaminants. The disposal of any putrescible or deleterious debris in any water body is prohibited.

**PROJECT SPECIFIC CONDITIONS:**

6. All watercraft associated with the construction and use of the permitted structure shall only operate within waters of sufficient depth so as to preclude bottom scouring or prop dredging. **Specifically, there shall be a minimum 12-inch clearance between the deepest draft of the vessel (with the motor in the down position) and the top of any submerged resources or canal bottom at mean low water.**
7. Turbidity screens, silt fences, or equivalent shall be properly employed and maintained as necessary to effectively contain suspended sediments and/or runoff during construction activities. **Dredging, filling, excavation, seawall removal, seawall construction, and other projects which result in similar degrees of disturbance to wet sediments shall in all cases employ turbidity control measures designed to effectively enclose the entire work area.**
8. Turbidity levels shall be monitored and recorded if a visible turbidity plume is observed leaving the site during construction activities. If monitoring reveals that turbidity levels exceed 29 NTU's above natural background 50 feet downstream of the point of discharge, project activities shall immediately cease, and work shall not resume until turbidity levels drop to within these limits [62-302.530(69) FAC].



- Streets
- Parcels
- Aeris (2014)
- County Boundary

# palmisano

0 65 ft

Created on 9/25/2014 2:31:58 PM using ArcIMS 4.0.1. Source: Broward County Property Appraiser





Site Address	209 N BIRCH ROAD 1401, FORT LAUDERDALE	ID #	5042 01 AN 0210
Property Owner	PALMISANO, ROBERT J PALMISANO, JANE S	Millage	0312
Mailing Address	PO BOX 1303 DUXBURY MA 02331	Use	04

Abbreviated Legal Description	ALHAMBRA PLACE CONDO UNIT 1401
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The just values displayed below were set in compliance with Sec. 193.011, Fla. Stat., and include a reduction for costs of sale and other adjustments required by Sec. 193.011(8).

Property Assessment Values					
Click here to see 2013 Exemptions and Taxable Values to be reflected on the Nov. 1, 2013 tax bill.					
Year	Land	Building	Just / Market Value	Assessed / SOH Value	Tax
2014	\$249,370	\$2,244,360	\$2,493,730	\$1,934,870	
2013	\$190,630	\$1,715,650	\$1,906,280	\$1,906,280	\$37,943.00
2012	\$184,170	\$1,657,490	\$1,841,660	\$1,841,660	\$37,250.34

2014 Exemptions and Taxable Values by Taxing Authority				
	County	School Board	Municipal	Independent
Just Value	\$2,493,730	\$2,493,730	\$2,493,730	\$2,493,730
Portability	0	0	0	0
Assessed/SOH 13	\$1,934,870	\$1,934,870	\$1,934,870	\$1,934,870
Homestead 100%	\$25,000	\$25,000	\$25,000	\$25,000
Add. Homestead	\$25,000	0	\$25,000	\$25,000
Wid/Vet/Dis	0	0	0	0
Senior	0	0	0	0
Exempt Type	0	0	0	0
Taxable	\$1,884,870	\$1,909,870	\$1,884,870	\$1,884,870

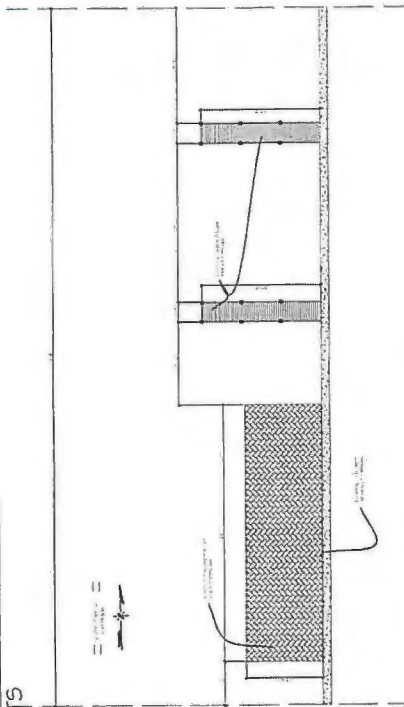
Sales History			
Date	Type	Price	Book/Page or CIN
9/3/2014	WD-Q	\$3,369,000	112521416
12/3/2012	QCD-T	\$100	49297 / 1814
3/4/2010	WD-Q	\$4,000,000	46924 / 954
12/23/2004	WD	\$3,493,900	38840 / 51

Land Calculations		
Price	Factor	Type
	Adj. Bldg. S.F.	7115
	Units/Beds/Baths	1/3/3.5

Special Assessments								
Fire	Garb	Light	Drain	Impr	Safe	Storm	Clean	Misc
03								
R								
1								

**EXISTING SITE PLAN**

SCALE: NTS



**LOCATION PLAN**

SCALE: NTS

Map Blvd



THIS DRAWING IS THE PROPERTY OF "TRIDENT ENVIRONMENTAL CONSULTANTS, INC." AND IS AN INSTRUMENT OF SERVICE NOT TO BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE EXPRESSED WRITTEN PERMISSION OF OWNER.

**GENERAL NOTES**

- GENERAL
- 1. ALL ELEVATIONS SHOWN ON PLANS REFER TO THE NAVD 1983.
- 2. ALL DIMENSIONS ON PLANS ARE SUBJECT TO VERIFICATION IN THE FIELD. IT IS THE INTENT OF THESE PLANS TO BE IN ACCORDANCE WITH APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION. ANY DISCREPANCIES BETWEEN THESE PLANS AND APPLICABLE CODES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF DESIGN CONSULTANT AND ENGINEER BEFORE PROCEEDING WITH WORK.
- 3. IT IS THE INTENT OF THESE PLANS AND THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH LOCAL, STATE AND FEDERAL ENVIRONMENTAL AND BUILDING PERMITS ISSUED FOR THIS PROJECT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FAMILIARIZE AND GOVERN HIMSELF BY ALL PROVISIONS OF THESE PERMITS.
- 4. APPLICABLE BUILDING CODE: FLORIDA BUILDING CODE, 2010 EDITION.
- 5. WOOD PILING
  - 1. ALL WOOD PILES TO BE 12" DIAMETER SOUTH AMERICAN GREENHEART PILES; OR 12" DIAMETER SOUTHERN PINE AND COMPLY WITH A.S.T.M. D25-79 AND BE PRESSURE TREATED W/C.C.A. FEDERAL SPECIFICATIONS IT-W-5500 (1) OR IT-W-005500F (1) AND AWEA-MP-4
  - 2. ALL WOOD PILES SHALL BE DRIVEN A MINIMUM PENETRATION OF 12' INTO FIRM MATERIAL BELOW SILT LAYER OR 6' INTO CORAL ROCK.
  - 3. PILES SHALL BE CUT OFF AT ELEVATIONS AS SHOWN ON PLANS AND SECTIONS.

**HARDWARE**

- 1. ALL MISCELLANEOUS STEEL COMPONENTS, BOLTS AND HARDWARE SHALL BE TYPE 316 STAINLESS STEEL UNLESS OTHERWISE SPECIFIED ON PLANS.

**MISCELLANEOUS**

- 1. FASTENERS EMBEDDED INTO CONCRETE STRUCTURES SHALL BE ANCHORED WITH TWO-PART EPOXY ADHESIVE (NAU) CHEM-FAST CARTRIDGE SYSTEM OR EQUAL. ANCHOR HOLES SHALL BE DRILLED TO 1/8" GREATER THAN THE SPECIFIED FASTENER SIZE. HOLES SHALL BE DRILLED TO MINIMUM DEPTH SHOWN ON PLANS + SHALL BE THOROUGHLY CLEANED OUT AND DRY PRIOR TO INJECTION OF EPOXY.

**LOADS**

LL = 40 PSF

DL = 10 PSF

TURBIDITY BARRIER APPROVED TURBIDITY BARRIERS SHALL REMAIN IN PLACE DURING ALL PHASES OF IN WATER CONSTRUCTION.

**TRIDENT**  
ENGINEERING CONSULTANTS, INC.

**LUIS ROBAS-GUYON**  
P.E. # 13725  
E.B. # 004035

11401 B.W. 40 ST., SUITE 200, MIAMI, FL. 33103  
PHONE: (305) 386-3888 FAX: (305) 253-0950  
E-MAIL: ADDRESS@TRIDENTENR.COM

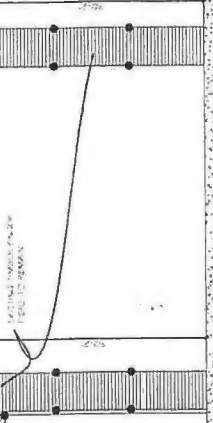
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**PROPOSED SITE PLAN**  
 SCALE: NTS

UNLESS OTHERWISE NOTED, ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE FOLLOWING:  
 1. F.L.A. DEPARTMENT OF TRANSPORTATION AND HIGHWAYS, STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2004 EDITION.  
 2. F.L.A. DEPARTMENT OF TRANSPORTATION AND HIGHWAYS, STANDARD SPECIFICATIONS FOR PORT AND MARINE CONSTRUCTION, 2004 EDITION.  
 3. F.L.A. DEPARTMENT OF TRANSPORTATION AND HIGHWAYS, STANDARD SPECIFICATIONS FOR WATERWAY AND MARINE CONSTRUCTION, 2004 EDITION.  
 4. F.L.A. DEPARTMENT OF TRANSPORTATION AND HIGHWAYS, STANDARD SPECIFICATIONS FOR AIRPORT CONSTRUCTION, 2004 EDITION.  
 5. F.L.A. DEPARTMENT OF TRANSPORTATION AND HIGHWAYS, STANDARD SPECIFICATIONS FOR AIRPORT CONSTRUCTION, 2004 EDITION.



EXISTING WATER POINT  
 200' TO 400'



EXISTING CONCRETE  
 STRAP TO BE REMOVED

*Handwritten signature and date:*  
 9/15/2016  
 [Signature]





10



Lark O. Rowland  
 Architect  
 1401 S.W. 10th Ave.  
 Fort Lauderdale, Florida 33304  
 (954) 570-0100  
 (954) 570-0101  
 FAX (954) 741-9211

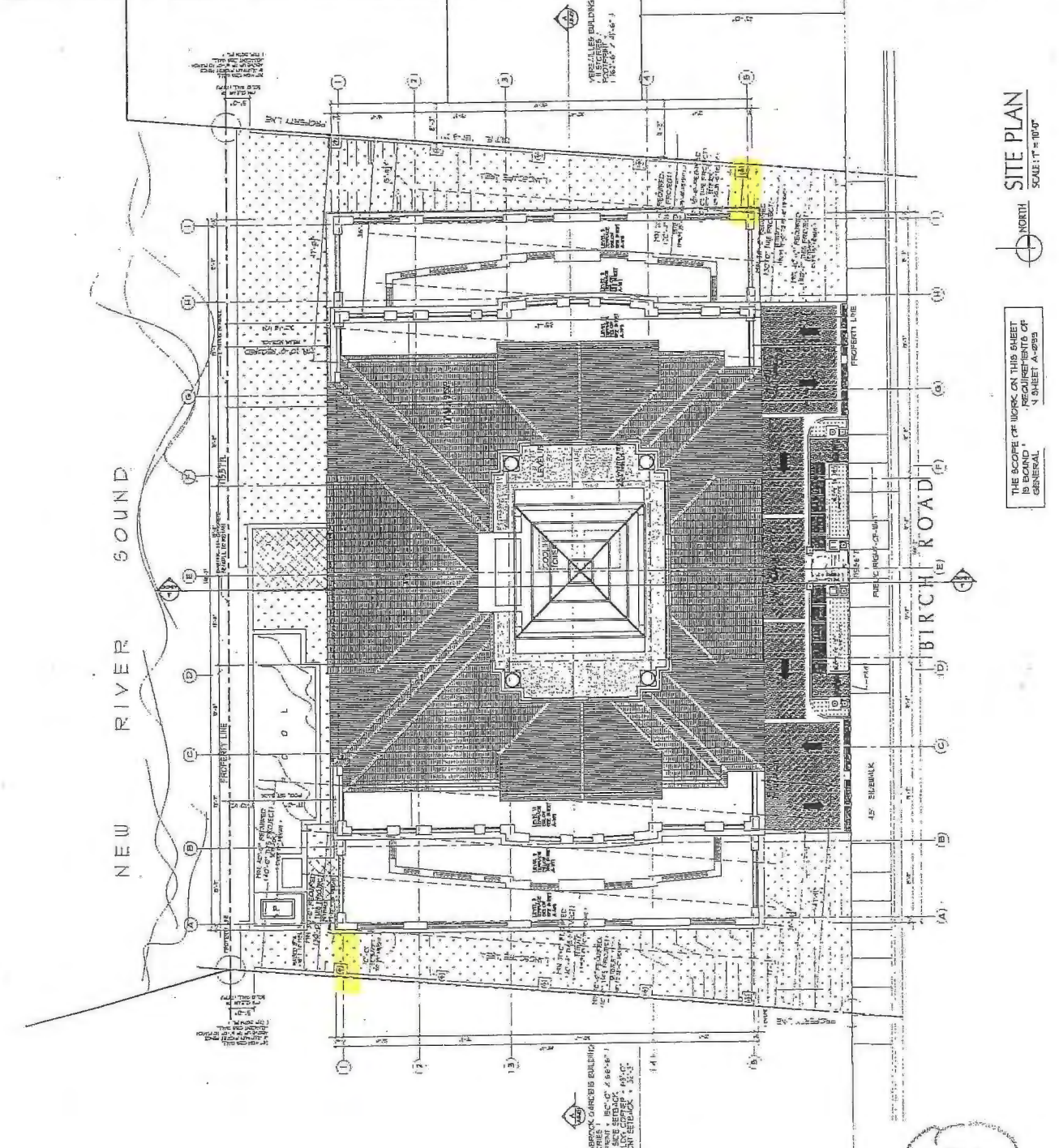
Project Design  
 Lark O. Rowland  
 1401 S.W. 10th Ave.  
 Fort Lauderdale, Florida 33304  
 Project Date:

ALHAMBRA PLACE  
 FORT LAUDERDALE, BROWARD COUNTY, FLORIDA

SHEET  
 26 OF 27

SHEET NO. 26  
 SHEET NO. 27  
 SHEET NO. 28  
 SHEET NO. 29  
 SHEET NO. 30  
 SHEET NO. 31  
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 SHEET NO. 73  
 SHEET NO. 74  
 SHEET NO. 75

PROJECT: ALHAMBRA PLACE			
<b>SITE DATA</b>			
ADDRESS	750 N. RIVER BLVD. FORT LAUDERDALE, FLORIDA, 33304		
OWNER	RESIDENTIAL		
CONSTRUCTION	RESIDENTIAL		
PERMITS	37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000		
REQUIRED LAMPED AREA	74,833.33		
LANDSCAPE (PROPOSED) AREA	17,833.33		
C. A. B. = A.C. TOTAL AREA	92,666.66		
SITE AREA	23,033.33		
<b>LOADING SCHEDULES</b>			
REQUIRE	RECORDED		
FRONT 1 20'	20'-4 1/2'		
REAR 1 20'	20'-4 1/2'		
SPACES 1 10' (UP TO A HEIGHT OF 30')	VARIES FROM 10' TO 17'-2"		
20' (FROM HEIGHT OF 30' TO 40')	MINIMUM 30'-0"		
40' (FOR HEIGHT OVER 10')	MINIMUM 40'-0"		
<b>MAXIMUMS</b>			
REQUIRE	RECORDED		
FRONT 1 20'	10'		
REAR 1 20'	10'		
<b>LOADING DATA</b>			
FROM EXISTING IMPROVEMENTS	EXISTING	CONSTRUCTION	FINISHED
1-3	1	0	0
4-6	1	0	0
7-8	1	0	0
9-11	1	0	0
12-14	1	0	0
TOTALS	15	23	100,000.00
<b>ZONING DATA</b>			
STRUCTURE	HEIGHT	MAXIMUM	MINIMUM
1	19'	31' (3' MIN)	8'
2	19'	31' (3' MIN)	8'
TOTAL	19'	31' (3' MIN)	8'
<b>LOCAL DESCRIPTION</b>			
THE SOUTH ONE-HALF OF LOT 5 AND ALL OF LOTS 6, 7, AND 8, BLOCK 18, LAMAR DEL MAR 2, ACCORDING TO THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA.			



**LOCATION MAP**  
ATLANTIC OCEAN

**MATERIALS AND COLORS FOR ALL STRUCTURES**

- ROOF TILES AND ALL EXTERIOR ALUMINUM SURFACES: TITANIUM PEARLS
- EXTERIOR WALLS: LIGHT GREEN
- EXTERIOR WALLS: COLORED - TERRAZZO
- EXTERIOR WALLS: (FROM LEVEL 5 UP) COLORED - LIGHT PINK
- EXTERIOR WALLS: (FROM LEVEL 6 UP) COLORED - DARK GREEN
- HORIZONTAL LINES (RECYCLES) COLORED - LIGHT GRAY
- ORIENTATIONS (CORNER) COLORED - LIGHT ROSE

SITE PLAN  
 SCALE: 1" = 10'-0"

THE SCORE OF WORK ON THIS SHEET IS BEING IN ACCORDANCE WITH THE REQUIREMENTS OF GENERAL

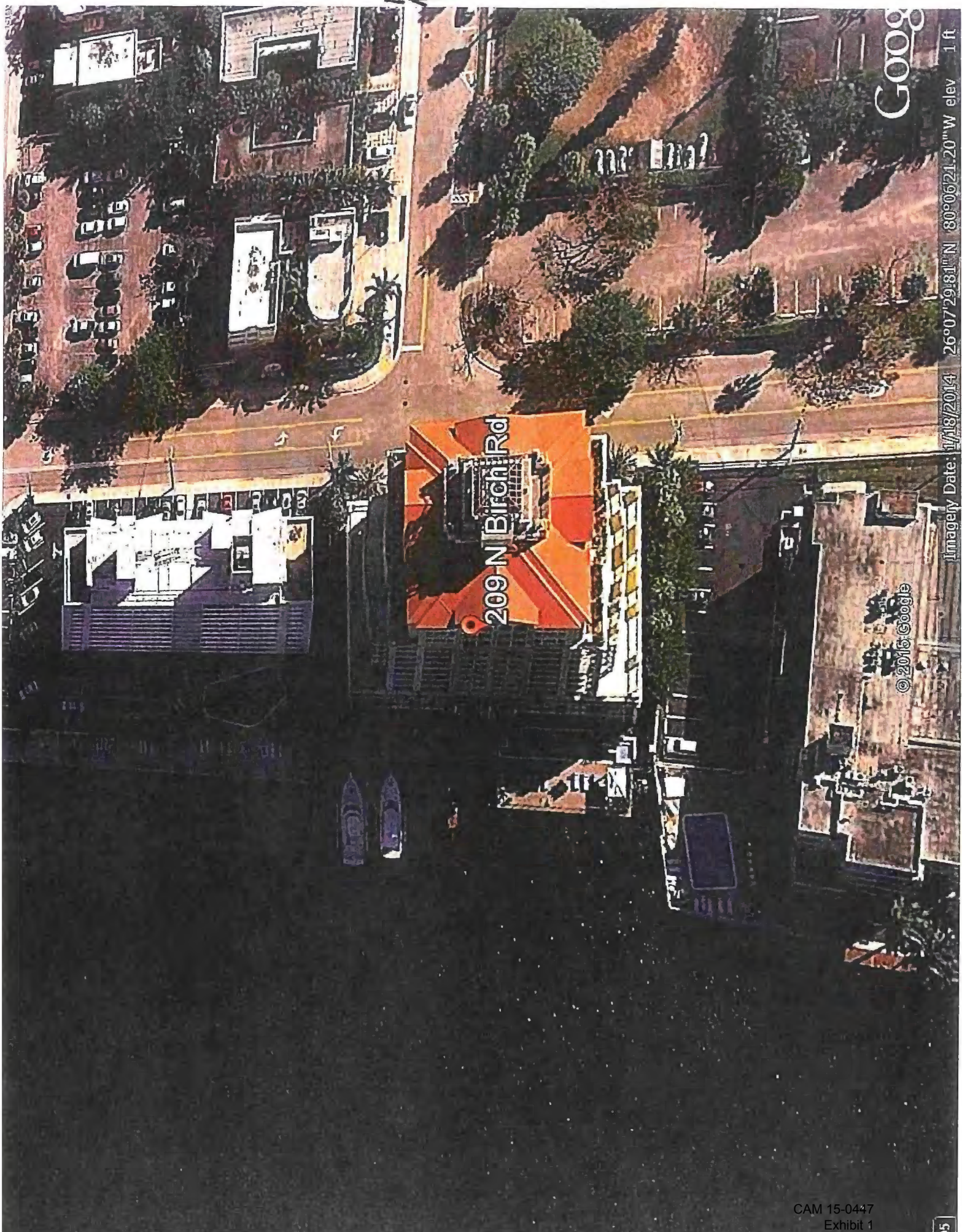
11





209 N. Birch Road – Slip #1 is noted by arrow





Z ↙

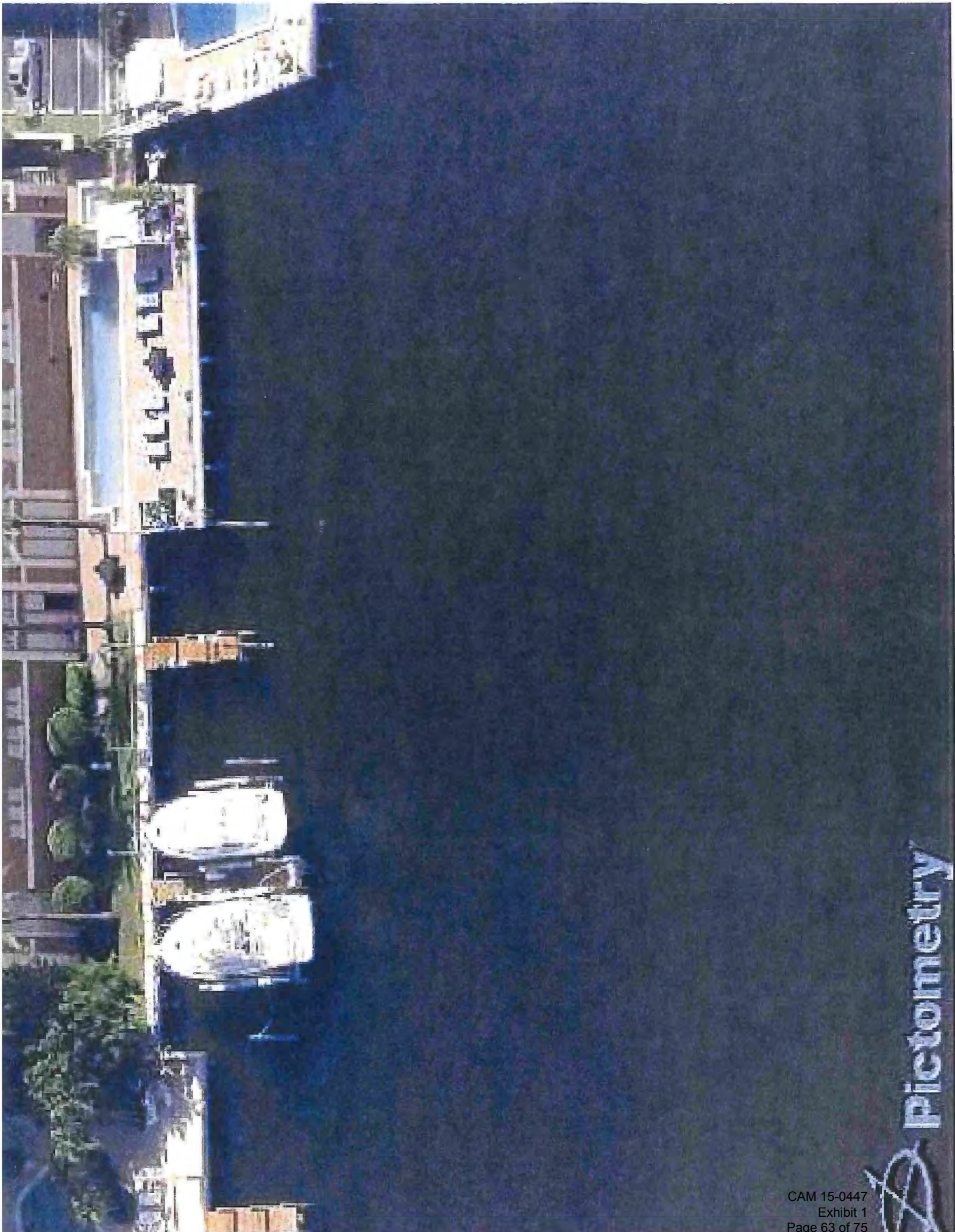
Google

209 N Birch Rd

Imagery Date: 11/18/2014 26°07'29.81"N 80°06'21.20"W elev 1 ft

©2015 Google





Pictometry

22





↓  
N





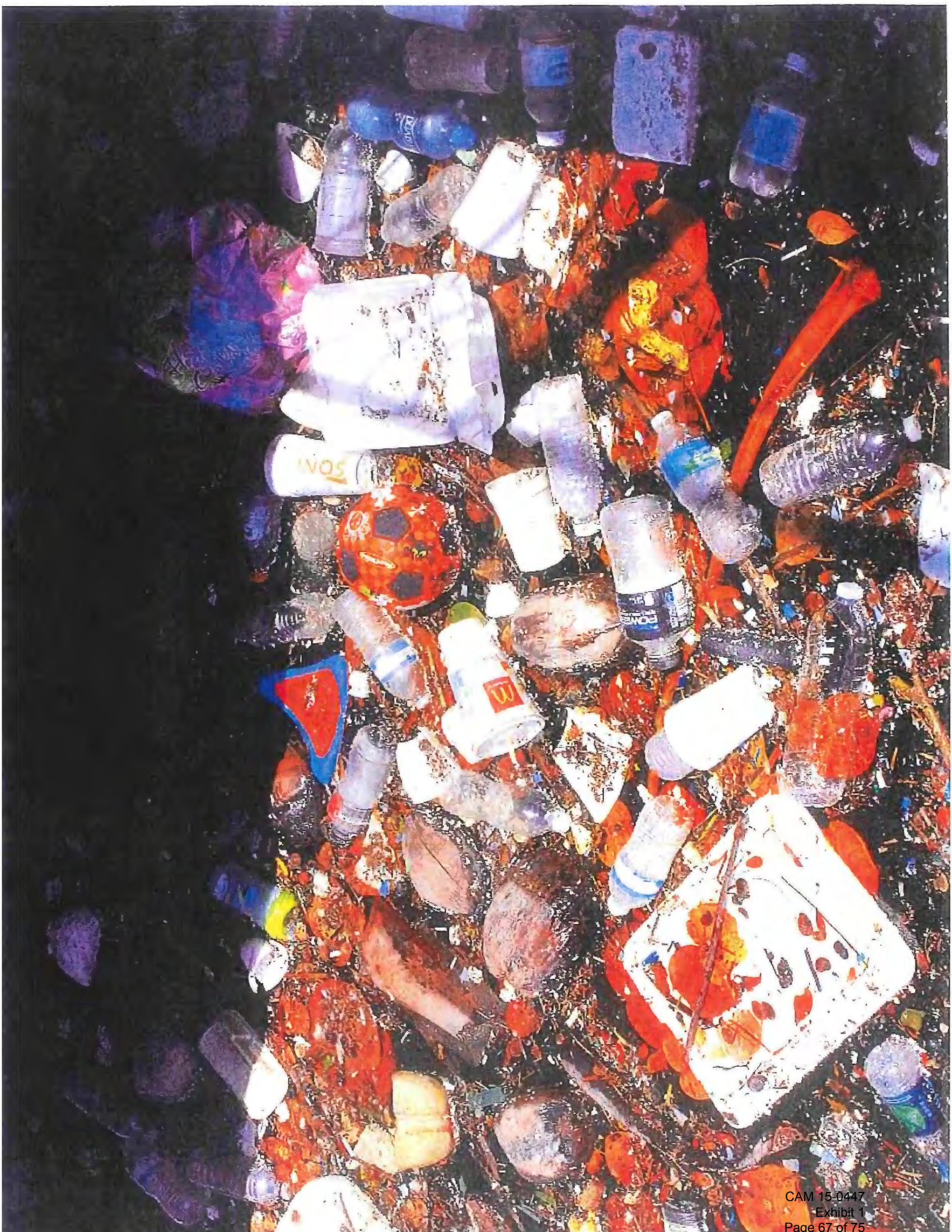
Having a boat sit in this type of trash and petroleum sheen is not good for the hull and can clog water intakes on the vessel















The submerged sandbar between our slips and the channel helps to direct trash toward our bulkhead





Speeding boat directly across from our slip casting large wake













Water taxi passing close by on its way to Seville St.







**LEGEND**

-  209 N Birch Rd
-  300 FT BUFFER



0 50 100 200 Feet  
1 inch = 200 feet



CITY OF FORT LAUDERDALE

**209 N BIRCH RD**

**GIS**  
Fort Lauderdale

Date: 12/30/2014

12



# ALHAMBRA PLACE

November 21, 2014

Mr. Robert J. Palmisano  
209 N. Birch Rd. #1401  
Fort Lauderdale, FL 33304

Dear Mr. Palmisano,

This is to advise you that at the Board of Director's meeting on Nov. 13, 2014 your request to install a boat lift in slip #1 was approved by the Board subject to the specifications which you included with your request. Installation of this lift is contingent on the approval of all applicable government agencies and the covenant which you signed and submitted to the Association today.

Sincerely,

A handwritten signature in cursive script, appearing to read "Hank Hury", with a long horizontal flourish extending to the right.

Hank Hury, Secretary  
Alhambra Place Condominium Association  
209 N. Birch Rd.  
Fort Lauderdale, FL 33304



215 NORTH BIRCH ROAD • FORT LAUDERDALE, FLORIDA 33304 • 954-764-7402 • FAX: 954-525-4029

January 8<sup>th</sup>, 2015

Mr. Robert Palmisano  
209 North Birch Road, Unit #1401  
Fort Lauderdale, FL 33304

**RE: Boat Lift Request**

Dear Mr. Palmisano,

The Board of Directors of The Versailles, Inc. has reviewed the email you sent to our President, Mr. Atilano Gimenes, on January 7<sup>th</sup>, 2015, regarding your request for a boat lift on the Alhambra Place property which is located immediately South of The Versailles.

The Board has no objections to you putting in a boat lift as long as it is in accordance with the contents of your email, which indicated that the proposed lift would be installed in the boat slip adjacent to the Alhambra Place swimming pool.

Sincerely,

Atilano Gimenes, President  
The Versailles Inc.  
215 North Birch Road  
Fort Lauderdale, FL 33304