



CITY OF FORT LAUDERDALE

DRAFT
MEETING MINUTES
CITY OF FORT LAUDERDALE
MARINE ADVISORY BOARD
VIRTUAL MEETING
THURSDAY, JANUARY 7, 2021 – 6:00 P.M.

		Cumulative Attendance	
		May 2020 – April 2021	
Grant Henderson, Chair	P	5	0
Ed Strobel, Vice Chair	P	5	0
Cliff Berry II	P	3	2
Deirdre Boling-Lewis	P	4	1
Robyn Chiarelli (arr. 6:15)	P	3	2
Barry Flanigan	P	5	0
Richard Graves	P	4	1
James Harrison	P	5	0
Rose Ann Lovell	P	5	0
Kitty McGowan	P	4	1
Norbert McLaughlin	P	4	1
Ted Morley	P	4	1
Christopher Rotella	A	0	1
Bill Walker	P	4	1
Steve Witten	P	5	0

As of this date, there are 15 appointed members to the Board, which means 8 would constitute a quorum.

Staff

Andrew Cuba, Marine Facilities Manager
Jonathan Luscomb, Marine Facilities Supervisor
Sergeant Todd Mills, Fort Lauderdale Police Department
Jamie Opperlee, Recording Secretary, Prototype, Inc.

Communications to City Commission

None.

I. Call to Order / Roll Call

Chair Henderson called the meeting to order at 6:00 p.m. and roll was called.

II. Approval of Minutes – November 4, 2020

Mr. McLaughlin noted the following correction:

- P.2, paragraph 5: change “up” to “down”

- P.5, paragraph 8: the preferred height of the fixed bridge is 80 ft.

Motion made by Mr. Morley, seconded by Mr. Witten, to approve [as amended]. In a voice vote, the **motion** passed unanimously.

III. Statement of Quorum

It was noted a quorum was present at the meeting.

IV. Introduction of New Member – Christopher Rotella

Mr. Rotella was not present at the meeting.

V. Waterway Crime & Boating Safety Report

Sergeant Todd Mills of the Fort Lauderdale Police Department's Marine Unit reported the following activity during the month of November 2020:

- 22 citations
- 56 warnings
- 4 safety inspections
- 3 accidents
- 1 derelict vessel
- 1 fuel spill

Sgt. Mills also reported the following activity from December 2020:

- 23 citations
- 82 warnings
- 5 safety inspections
- 3 docking accidents
- 1 burglary
- 2 derelict vessels
- 1 fuel spill

Sgt. Mills advised that the Marine Unit is working closely with Code Enforcement to check the progress on previous violations and determine whether or not there are additional issues. He concluded that the Fort Lauderdale International Boat Show was a success, while a recent air show was affected by weather conditions. Planning has begun for the next air show, which is scheduled for May 2021.

VI. Dock Waiver – 321 N. Birch Road / Robert & Nancy Berard

Steve Tilbrook and Tyler Chappell, representing the Applicants, showed a PowerPoint presentation on the request, which is for a boat lift. The subject property is on the east side of the Intracoastal Waterway, north of the Las Olas Bridge, and includes two finger

piers as well as mooring pile clusters. All of these structures were previously authorized through Resolution 14-0971.

The request is for a “no-profile” lift to be installed in slip #2. It will be located within slip boundaries as well as the existing mooring piles. The proposed lift would be 55 ft. from the property line. The requested waiver is for 30 ft. The river is 565 ft. in width at the subject location. Extraordinary circumstances include:

- Structures and piles will not exceed 30% of the width of the waterway
- The waterway width is considered extraordinary at the subject area
- The project will not impede navigation within the Intracoastal Waterway
- The proposed structure is necessary to safely moor vessels during severe weather and high wind events
- The subject area is not a No Wake Zone
- The boat lift will aid in the protection of natural and environmental resources

The Army Corps of Engineers has issued a permit for the project, and state and County permit issuances are anticipated within the next 30 days. Mr. Chappell provided letters of support from neighbors in the area.

Mr. Chappell advised that the lift is hydraulic and pilings will not rise above the structure. The platform will be located at 50 ft. into the waterway, with a marginal dock between the lift and the seawall. The total distance from the property line would be 55 ft. The Applicant’s boat is 50 ft. in length. It was noted that the lift will be 20 ft. closer to the seawall than what was approved by Resolution 14-0971.

There being no further questions from the Board at this time, Chair Henderson opened the public hearing. As there were no individuals wishing to speak on this Item, the Chair closed the public hearing and brought the discussion back to the Board.

Motion made by Mr. McLaughlin, seconded by Mr. Berry, to approve. In a voice vote, the **motion** passed unanimously.

VII. Dock Waiver – 301 N. Birch Road, Unit 8S / Liam Coakley

Mr. Tilbrook and Mr. Chappell, representing the Applicant, showed a PowerPoint presentation on the request, which is also for a boat lift. There is an existing boat lift at the subject site, which is a four-slip marina with finger piers and mooring piles. The proposed addition would be a 20,000 lb. four-post boat lift on the southernmost slip within the property’s sovereign submerged land lease. The total distance from the property line is 35.5 ft., which means the waiver request if for 10.5 ft.

Extraordinary circumstances for this request include:

- The waterway is 605 ft. across at the subject location
- The waiver will not exceed 30% of the waterway width or impede navigation
- High wakes are common in the area, particularly during severe weather events

- The lift will provide an environmental benefit for benthic resources by removing the boat from the water

Permits from the Army Corps of Engineers, the state, and Broward County have already been issued. Mr. Chappell noted that the Applicant has received letters of support from the Birch Point Condominium as well as the adjacent property. A number of waivers have already been issued in the vicinity.

It was clarified that the proposed lift would not affect navigation by the Water Taxi, which has a stop in the area. A 10 ft. setback is maintained between the structure and the property line. Because only one lift is permitted within a 100 ft. area, a Site Plan Level II variance request has also been submitted and is currently being processed by the City. After the Board has reviewed the waiver, Staff will place both the waiver and variance requests on the City Commission Agenda. Mr. Chappell further clarified that the waiver request applies only to the boat lift itself, not the Applicant's vessel.

There being no further questions from the Board at this time, Chair Henderson opened the public hearing. As there were no individuals wishing to speak on this Item, the Chair closed the public hearing and brought the discussion back to the Board.

Motion made by Mr. Berry, seconded by Ms. McGowan, to approve. In a roll call vote, the **motion** passed unanimously.

VIII. Old / New Business

Mr. Cuba reported that the City Commission is reviewing a number of key issues related to the Las Olas Marina, including the ground lease agreement and amendments, parking issues, revocable license, a procurement waiver, a lift station, and a turn lane modification. These items have yet to be finalized.

Mr. McLaughlin observed that Suntex will contribute approximately \$19 million toward the cost of initial improvements to the facility. He continued that over one year ago, the Board had sent a communication to the City Commission requesting that any changes to the plans for the marina be brought back before the Board. He noted that the current plans include significant modifications from the plans the Board had viewed. Mr. Cuba advised that the Board may restate this communication if they wished.

Mr. McLaughlin asked for clarification of the number of parking spaces at the site. Mr. Luscomb clarified that there are approximately 600 spaces, of which 100 would be reserved for Suntex. More spaces would be available for Suntex to lease on an as-needed basis.

Mr. McLaughlin noted that the City is sharing the costs of replacing the lift station on the property, with the City to provide approximately \$2 million and Suntex to provide \$400,000 of this expense. He felt this should be renegotiated. Mr. Cuba clarified that he

and Mr. Luscomb were not involved in negotiations for the marina. He advised that he would request an update be provided to the Board by the Department of Transportation and Mobility, including any changes made since the previous presentation.

Mr. McLaughlin addressed the issue of the proposed railroad bridge, noting that funding is available for the necessary support work, including the project development and environmental (PD&E) study and related surveys, on this issue. At the same time, Brightline is moving forward with plans for the proposed Coastal Link, which would bring more train traffic to the bridge. It was noted that Brightline service has been shut down since April 2020 and will remain so for approximately one year to 18 months.

IX. Adjournment

There being no further business to come before the Board at this time, the meeting was adjourned at 7:04 p.m.

Any written public comments made 48 hours prior to the meeting regarding items discussed during the proceedings have been attached hereto.

[Minutes prepared by K. McGuire, ProtoType, Inc.]

MEMORANDUM MF NO. 21-01

DATE: January 20, 2021
 TO: Marine Advisory Board Members
 FROM: Andrew Cuba, Manager of Marine Facilities
 RE: Dock Waiver of Distance Limitations – Troy & Tais Eakins / 2407 Aqua Vista Blvd.

Attached for your review is an application from Troy & Tais Eakins / 2407 Aqua Vista Blvd.

APPLICATION AND BACKGROUND INFORMATION

The applicant is requesting approval for installation of a platform boat lift and a platform jet ski. The distances these structures extend from the property line into the Middle River Canal are shown in the survey and summarized in Table 1 below:

TABLE 1

PROPOSED STRUCTURES	STRUCTURE DISTANCE FROM PROPERTY LINE	PERMITTED DISTANCE WITHOUT WAIVER	AMOUNT OF DISTANCE REQUIRING WAIVER
Platform Boat Lift	+/-34.5'	25'	+/-9.5'
Platform Jet Ski Lift	+/-34.5'	25'	+/-9.5'

The City’s Unified Land and Development Regulations (UDLR) Sec. 47-19.3.C limits the maximum distance of all mooring structures at this location to 25’. Section 47-19.3.E authorizes the City Commission to waive that limitation based on a finding of extraordinary circumstances. The applicant indicates that the proposed structures will allow for safe storage of their vessels, providing protection from severe weather and large wakes generated by frequent boat activity, as this is not a no-wake zone. In addition, the lifts will allow for light protection and protection of natural resources.

PROPERTY LOCATION AND ZONING

The property is located within the Lauderdale Isles RS-4.4 Residential Single Family/Low Density District. It is situated along the Middle River Canal where the overall width between the property’s wet face and the adjacent shoreline’s wet face is +/-515 feet, according to the Summary description provided in **Exhibit 1**.

DOCK PLAN AND BOATING SAFETY

Marine Facilities' records reflect the following Waivers of Limitation approved by the City Commission within the vicinity of 2407 Aqua Vista Blvd. **(Table 2):**

TABLE 2

ADDRESS	MAXIMUM DISTANCE
761 Middle River Drive	40'
785 Middle River Drive	40'
773 Middle River Drive	60'
815 Middle River Drive	40'
738 NE 20 th Avenue	75'
726 NE 20 th Avenue	125'
720 NE 20 th Avenue	125'
714 NE 20 th Avenue	108'
704 NE 20 th Avenue	125'
321 N. Birch Road	75'
215 N. Birch Road	47.5'
209 Grand Birch, Slip3	39.3'
209 Grand Birch, Slip 4	45.5'

RECOMMENDATIONS

Should the Marine Advisory approve the application, the resolution under consideration 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. 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 appropriate City staff with copies of "As Built" drawings from a certified and licensed contractor.

AC
Attachment

cc:
Enrique Sanchez, Deputy Director of Parks and Recreation
Jon Luscomb, Supervisor of Marine Facilities



2407 AQUA VISTA BLVD APPLICATION FOR WATERWAY WAIVER

**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: **Troy & Tais Eakins**

TELEPHONE NO: 954-593-8115 (home) _____ (business) EMAIL: troy.eakins@sealsap.com

2. APPLICANT'S ADDRESS (if different than the site address): **2407 Aqua Vista Blvd Fort Lauderdale, FL 33301**

3. TYPE OF AGREEMENT AND DESCRIPTION OF REQUEST:
The applicant requests a waiver for the proposed construction of a platform boat lift and a platform jet ski lift beyond 25 feet from the property line.

4. SITE ADDRESS: **2407 Aqua Vista Blvd Fort Lauderdale, FL 33301** ZONING: **R.S-4.4**

LEGAL DESCRIPTION AND FOLIO NUMBER:
**LAUDERDALE ISLES RE-AMEND PLAT 15-46 B TR X AND A POR OF TR W DESC ASCOMM E COR OF LOT 2,W 50,NWLY 96.31 TO POB,NWLY 100,SWLY 162.22,SELY 131.33 NELY 153.57 TO POB AKA:POR OF TR X & W BLK 44 LOCATED IN SW 1/4 SEC 1-50-42
Folio No. 504211090300**

5. EXHIBITS (In addition to proof of ownership, list all exhibits provided in support of the applications).
Warranty Deed, Survey, Zoning Aerial, Photos, Project Plans


Applicant's Signature

1-19-2021
Date

=====

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 _____

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EXHIBIT II SUMMARY DESCRIPTION

Summary Description
2407 Aqua Vista Blvd
TCG Project No. 20-0044

The project site is located along the Middle River Canal at 2407 Aqua Vista Blvd, in Section 11, Township 50, Range 42, in the City of Fort Lauderdale, Broward County, Florida

The property is located along the Middle River Canal, which is a tidal water. The nearest direct connection to the Atlantic Ocean is approximately 2.4 miles to the south at the Port Everglades Inlet. As the project site is located along the Middle River Canal, the incoming tidal waters (flood) at the site move to the northwest and the outgoing waters (ebb) move to the southeast.

The project site consists of an existing ± 100 in. ft. concrete seawall with king and batter piles, ± 962 sq. ft. PVC marginal dock, and two (2) wood mooring piles. The proposed project includes the removal of the existing dock and mooring piles, the installation of a ± 100 in. ft. concrete cap overpour with batter piles, the installation of a ± 965 sq. ft. concrete marginal dock, the installation of a ± 570 sq. ft. platform boat lift (17.0'x33.5'), and the installation of a ± 280 sq. ft. platform jet ski lift (14.0'x20.0'). As measured from the existing wetface and property line, the proposed platform boatlift and platform jet ski lift encroach more than 25' from the wetface and property line into the Middle River Canal. As these distances are over the allowable 25' distance into the waterway from the property line, the proposed boat lift and jet ski lift will require a variance waiver.

The proposed structures are being applied for concurrently with the Broward County Environmental Protection & Growth Management Department, Florida Department of Environmental Protection, and US Army Corps of Engineers.

The following six (6) matters provide justification for this waiver request:

1. All structures and piles will not exceed 30% of the width of the waterway.
2. Due to the extraordinary width of the waterway at this location from wetface to wetface ($\pm 515'$), the proposed project will not impede navigation within the Middle River Canal.
3. The proposed structure is necessary for safely mooring resident's vessels, especially during high wind events and severe weather.

4. The proposed structure is also necessary to protect the resident's vessels from large wakes generated by frequent boat activity along the Middle River as this is not a no-wake zone.
5. The proposed boat lift and jet ski lift will allow for light penetration and protection of natural resources.
6. Per the city code (Sec. 47-19.3.b), one (1) mooring device (i.e. boatlift) is permitted per the first one hundred (100) feet of lot width and one (1) lift designed and used solely for the lifting of a personal watercraft (i.e. jet ski) is permitted.

If this waiver is approved, the applicant will comply with all necessary construction requirements stated in Section 47-19.3 (C)(D)(E).

STRUCTURE	PROPOSED STRUCTURES	STRUCTURE DISTANCE FROM PROPERTY LINE	PERMITTED DISTANCE WITHOUT WAIVER	DISTANCE REQUIRING A WAIVER
A	Platform Boat Lift	34.5'	25'	9.5'
B	Platform Jet Ski Lift	34.5'	25'	9.5'

EXHIBIT III WARRANTY DEED

This instrument prepared by:

Joseph P. Klapholz, Esquire
JOSEPH P. KLAPHOLZ, P.A.
7951 S.W. 6th Street, Suite 210
Plantation, Florida 33324

WARRANTY DEED

THIS INDENTURE, made this 1st day of MAY, 2016 between **SUSANA JORGE** as Trustee of the **Susana Jorge Revocable Living Trust Agreement** dated **July 27, 2015**, whose post office address is: 900 Ponce de Leon Dr. Fort Lauderdale, FL 33316 Grantor*, and **TROY EAKINS and TAIS EAKINS, husband and wife**, whose post office address is: 2407 Aqua Vista Boulevard, Fort Lauderdale, Florida 33301, Grantee,

Witnesseth: That said grantor, for and in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said grantee, and grantee's heirs and assigns forever, the following described land, situate, lying and being in Broward County, Florida, to-wit:

All that part of Lots 1 and 2, of Block 44, re-amended Plat of a part of LAUDERDALE ISLES, as recorded in Plat Book 15, Page 46, of the Public Records of Broward County, Florida, described as follows:

Commence at the Northeast corner of Lot 2 in Block 44, of the said re-amended Plat of LAUDERDALE ISLES; thence run West along the south line of Middle River Canal for a distance of 50 feet; then run

Northwesterly along the said South line of Middle River Canal which forms an angle of 17° 08' 14" to the right with a prolongation of the last described course for a distance of 96.31 feet for the Point of Beginning; thence continue Northwesterly along the said South line of Middle River Canal, which is a continuation of the last described course, for a distance of 100.00 feet; thence run Southwesterly along a line which forms an angle of 80° 11' 45" to the left with a prolongation of the last described course for a distance of 162.22 feet to the North line of Aqua Vista Boulevard, thence run Southerly along the said North line of Aqua Vista Boulevard, which is a curve to the left having a radius of 359.23 feet for an arc distance of 131.33 feet; thence Northeasterly along a line to the Point of Beginning, for a distance of 153.57 feet to the Point of Beginning.

Parcel Identification No: 50-42-11-09-0300

Subject to restrictions, reservations, easements and limitation of record, if any, provided that this shall not serve to reimpose same, zoning ordinances, and taxes for the current year and subsequent years.

Said grantor does hereby fully warrant the title to said land, and will defend that same against the lawful claims of all persons whomsoever.

"Grantor" and "grantee" are used for singular or plural, as context requires.

IN WITNESS WHEREOF, Grantor has hereunto set grantor's hand and seal the day and year first above written.

Signed, sealed and delivered
in the presence of:

Danielle M. Lawrence.
Witness
Print: DANIELLE M. LAWRENCE

Susana Jorge
SUSANA JORGE, individually and as Trustee
of the Susana Jorge Revocable Living Trust
Agreement Dated July 27, 2015

Tammy Pomaranski
Witness
Print: Tammy Pomaranski

STATE OF FLORIDA }

COUNTY OF BROWARD }

The foregoing instrument was acknowledged before me this 10 day of MAY, 2016 by **SUSANA JORGE, individually and as Trustee of the Susana Jorge Revocable Living Trust Agreement dated July 27, 2015,** ✓ who is personally known to me -OR- _____ who has provided _____ as identification and who did/did not take an oath.

Notary Public - State of Florida

Print Name:

Serial Number:

My Commission expires:

(SEAL)



EXHIBIT IV ORIGINAL SURVEY

LEGAL DESCRIPTION AND CERTIFICATION

All that part of Lots 1 and 2, of Block 44, re-amended Plat of a part of LAUDERDALE ISLES, as recorded in Plat Book 15, Page 46, of the Public Records of BROWARD County, Florida, described as follows:

Commence at the Northeast corner of Lot 2 in Block 44, of the said re-amended Plat of LAUDERDALE ISLES; thence run West along the south line of Middle River Canal for a distance of 50 feet; thence run Northwesterly along the said South line of Middle River Canal which forms an angle of 17°08'14" to the right with a prolongation of the last described course for a distance of 96.31 feet for the Point of Beginning; thence continue Northwesterly along the said South line of Middle River Canal, which is a continuation of the last described course, for a distance of 100.00 feet; thence run Southwesterly along a line which forms an angle of 80°11'45" to the left with a prolongation of the last described course for a distance of 162.22 feet to the North line of Aqua Vista Boulevard, thence run Southerly along the said North line of Aqua Vista Boulevard, which is a curve to the left having a radius of 359.23 feet for an arc distance of 131.33 feet; thence Northeasterly along a line to the Point of Beginning, for a distance of 153.57 feet to the Point of Beginning.

Community Number: 125105 Panel: 12011C0388 Suffix: H F.I.R.M. Date: 8/18/2014 Flood Zone: AE/X Field Work: 4/5/2016

Certified To:

TROY EAKINS; BECKER & POLIAKOFF, P.A.; OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY; PNC MORTGAGE, its successors and/or assigns.

Property Address:

2407 AQUA VISTA BOULEVARD
FORT LAUDERDALE, FL 33301

Survey Number: 253437

ABBREVIATION DESCRIPTION:

A.E. ANCHOR EASEMENT	F.F. EL. FINISH FLOOR ELEVATION	O.R.B. OFFICIAL RECORDS BOOK
A/C AIR CONDITIONER	F.I.P. FOUND IRON PIPE	(P) PLAT
B.M. BENCH MARK	F.I.R. FOUND IRON ROD	P.B. PLAT BOOK
B.R. BEARING REFERENCE	F.P.K. FOUND PARKER-KALON NAIL	P.C. POINT OF CURVATURE
(C) CALCULATED	(L) LENGTH	P.C.C. POINT OF COMPOUND CURVE
Δ CENTRAL / DELTA ANGLE	L.A.E. LIMITED ACCESS EASEMENT	P.O.B. POINT OF BEGINNING
CH CHORD	L.M.E. LAKE MAINTENANCE EASEMENT	P.O.C. POINT OF COMMENCEMENT
(D) DEED / DESCRIPTION	(M) MEASURED / FIELD VERIFIED	P.R.C. POINT OF REVERSE CURVE
D.E. DRAINAGE EASEMENT	M.H. MANHOLE	P.T. POINT OF TANGENCY
D.H. DRILL HOLE	N&D NAIL & DISK	R/W RIGHT-OF-WAY
D/W DRIVEWAY	N.R. NOT RADIAL	(R) RADIAL / RADIUS
E.O.W. EDGE OF WATER	N.T.S. NOT TO SCALE	S.I.R. SET IRON ROD
F.C.M. FOUND CONCRETE MONUMENT	O.H.L. OVERHEAD UTILITY LINES	T.O.B. TOP OF BANK
		U.E. UTILITY EASEMENT

SYMBOL DESCRIPTIONS:

	= CATCH BASIN		= MISC. FENCE
	= CENTERLINE ROAD		= PROPERTY CORNER
	= COVERED AREA		= UTILITY BOX
+ X.XX	= EXISTING ELEVATION		= UTILITY POLE
	= HYDRANT		= WATER METER
	= MANHOLE		= WELL
	= METAL FENCE		= WOOD FENCE

PAGE 1 OF 2 PAGES
(NOT COMPLETE WITHOUT PAGE 2)

GENERAL NOTES:

- 1) LEGAL DESCRIPTION PROVIDED BY OTHERS
- 2) THE LANDS SHOWN HEREON WERE NOT ABSTRACTED FOR EASEMENTS OR OTHER RECORDED ENCUMBRANCES NOT SHOWN ON THE PLAT.
- 3) UNDERGROUND PORTIONS OF FOOTINGS, FOUNDATIONS OR OTHER IMPROVEMENTS WERE NOT LOCATED.
- 4) WALL TIES ARE TO THE FACE OF THE WALL AND ARE NOT TO BE USED TO RECONSTRUCT BOUNDARY LINES.
- 5) ONLY VISIBLE ENCROACHMENTS LOCATED.
- 6) DIMENSIONS SHOWN ARE PLAT AND MEASURED UNLESS OTHERWISE SHOWN.
- 7) FENCE OWNERSHIP NOT DETERMINED.
- 8) ELEVATIONS INDICATED HEREON ARE IN FEET AND DECIMALS REFERENCED TO N.G.V.D. 1929
- 9) IN SOME INSTANCES, GRAPHIC REPRESENTATIONS HAVE BEEN EXAGGERATED TO MORE CLEARLY ILLUSTRATE RELATIONSHIPS BETWEEN PHYSICAL IMPROVEMENTS AND/OR LOT LINES. IN ALL CASES, DIMENSIONS SHALL CONTROL THE LOCATION OF THE IMPROVEMENTS OVER SCALED POSITIONS.



**TARGET
SURVEYING, LLC**

LB #7893

SERVING FLORIDA

6250 N. MILITARY TRAIL, SUITE 102
WEST PALM BEACH, FL 33407
PHONE (561) 640-4800
STATEWIDE PHONE (800) 228-4807
STATEWIDE FACSIMILE (800) 741-0576
WEBSITE: <http://targetsurveying.net>

EXHIBIT V ZONING AERIAL



City of Fort Lauderdale GIS



CITY OF FORT LAUDERDALE

2407 Aqua Vista Blvd



0 90 180 Feet

GIS
Fort Lauderdale

EXHIBIT VI SITE PHOTOGRAPHS

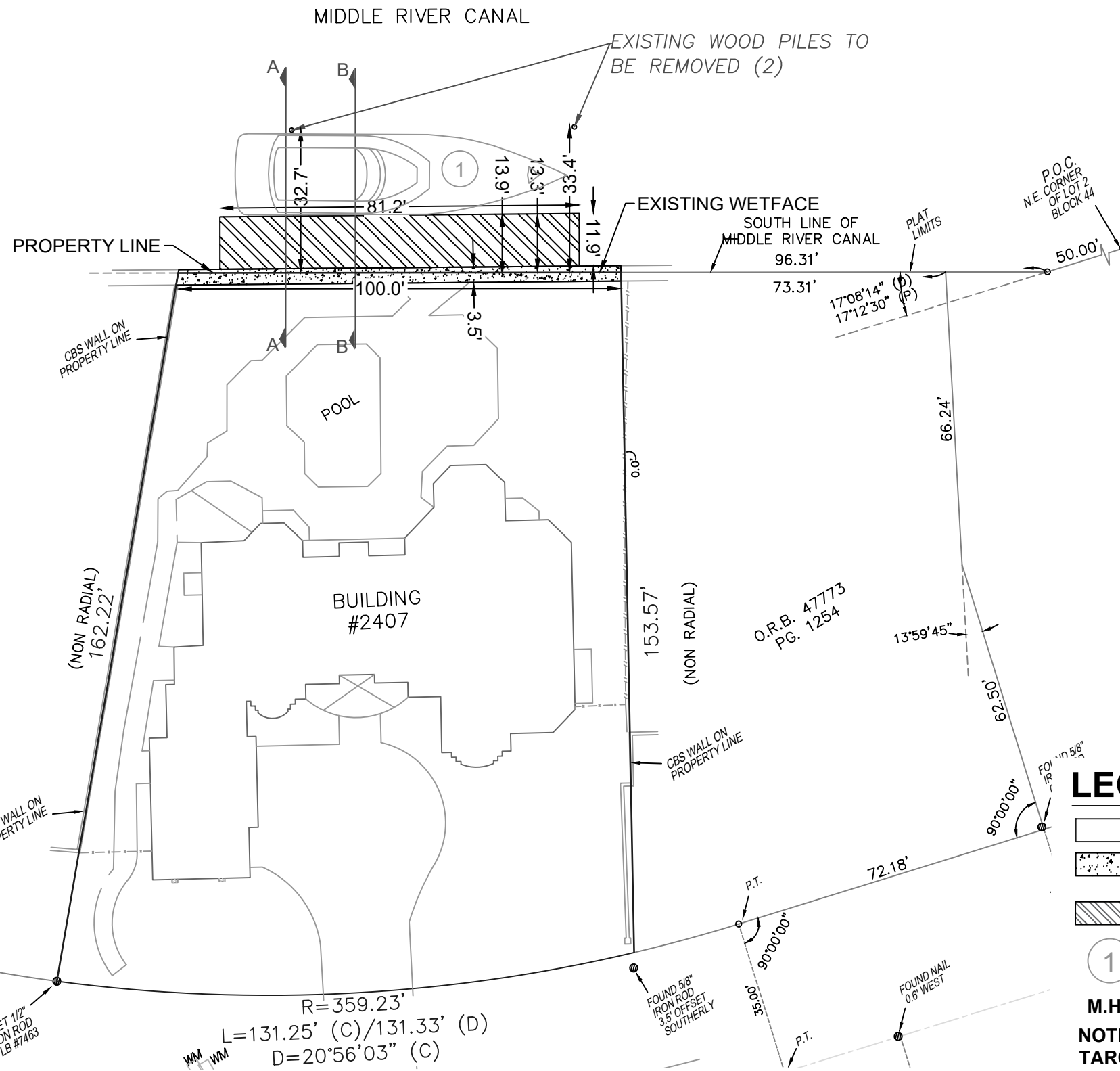
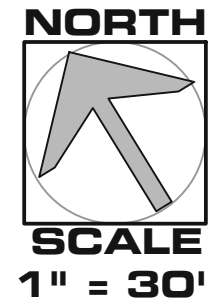


1. Eastern portion of the subject site, facing west along the Middle River.







2. Western portion of the subject site, facing east along the Middle River.

EXHIBIT VII PROJECT PLANS



LEGEND

-  SUBJECT SITE (0.43 AC)
 -  EXISTING CONCRETE SEAWALL TO REMAIN (±100.0 LN. FT.)
 -  EXISTING PVC DOCK TO BE REMOVED (±962 SQ. FT)
 -  EXISTING SLIPS (1)
- M.H.W. = 0.25' NAVD M.L.W. = (-)2.13' NAVD
 NOTE: SURVEY INFORMATION PROVIDED BY TARGET SURVEYING, INC.

THIS DRAWING AND ALL APPURTENANT MATTER CONTAINS INFORMATION PROPRIETARY TO THE CHAPPELL GROUP, INC. AND IS LOANED SUBJECT TO RETURN UPON DEMAND AND MUST NOT BE REPRODUCED, COPIED, LOANED, REVEALED, NOR LISTED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT IS SPECIFICALLY FURNISHED WITHOUT EXPRESSED WRITTEN CONSENT OF THE CHAPPELL GROUP, INC.
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THE Chappell GROUP INC.

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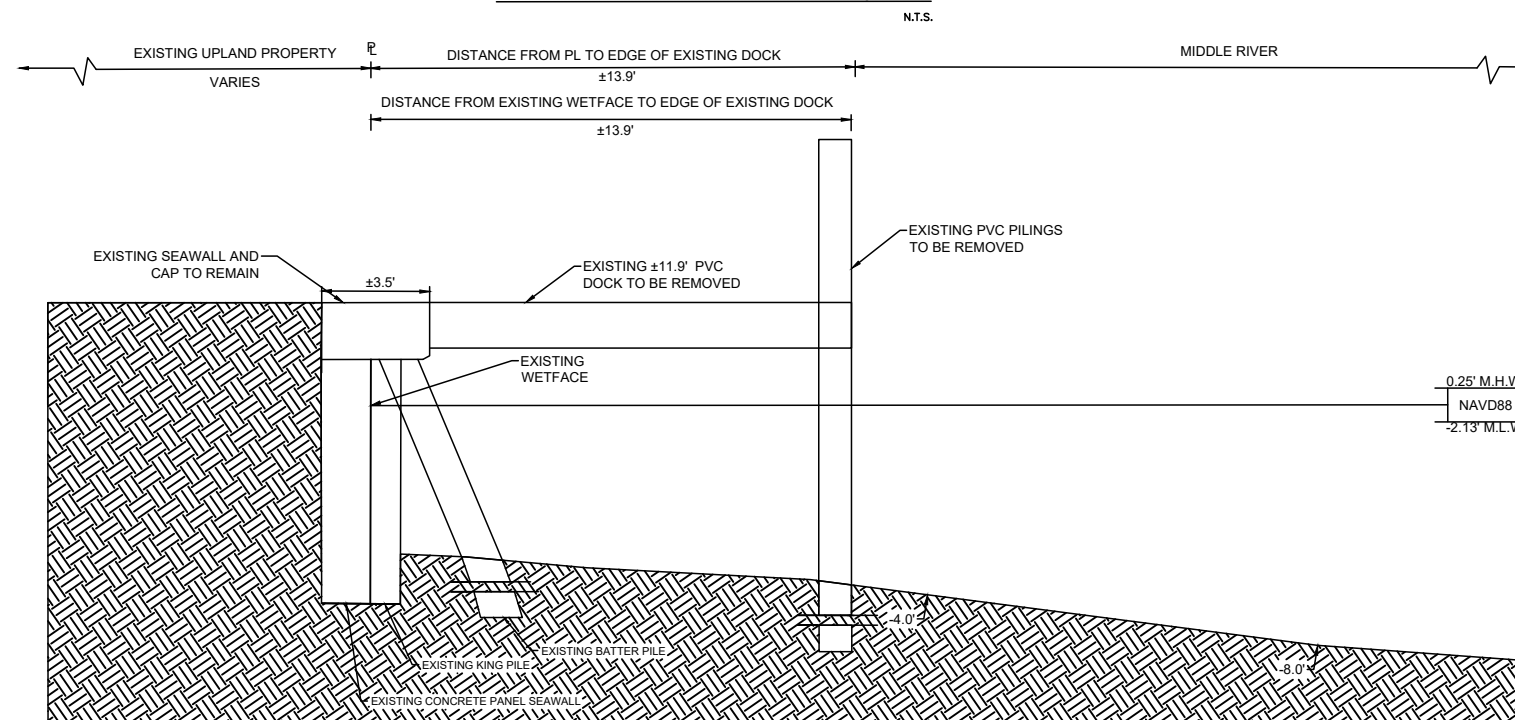
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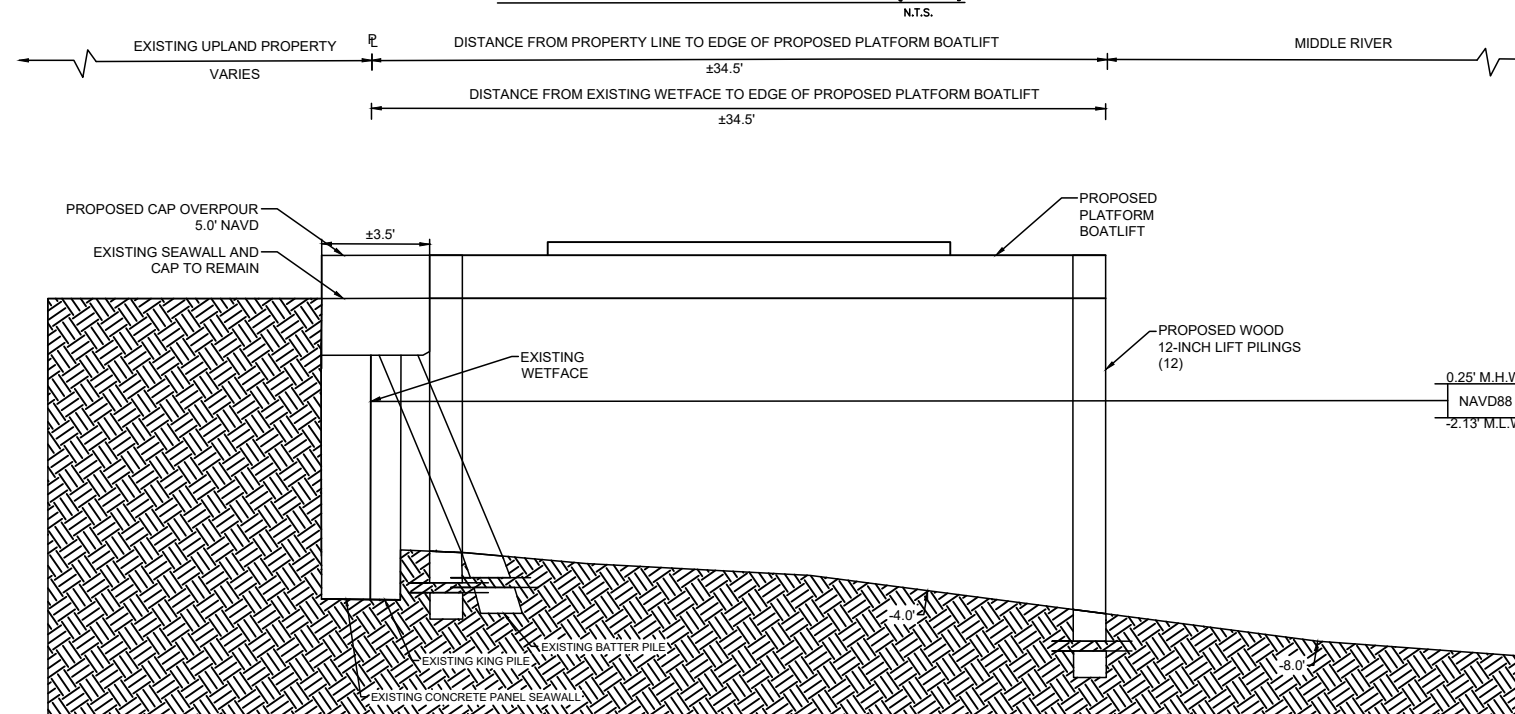
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EXISTING CONDITIONS		
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Proj No.: 20-0044	1	5

EXISTING CONDITIONS A-A (TYP.)



PROPOSED CONDITIONS A-A (TYP.)



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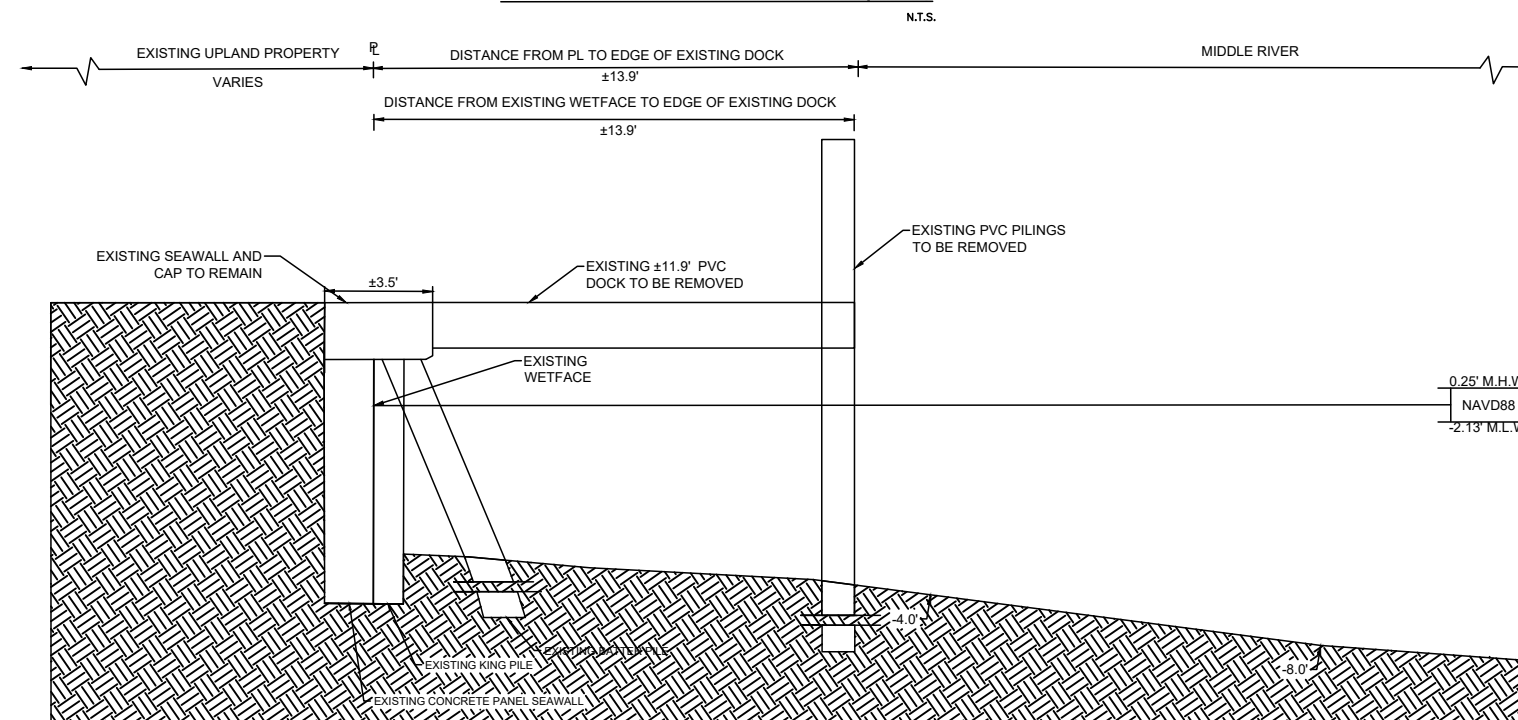
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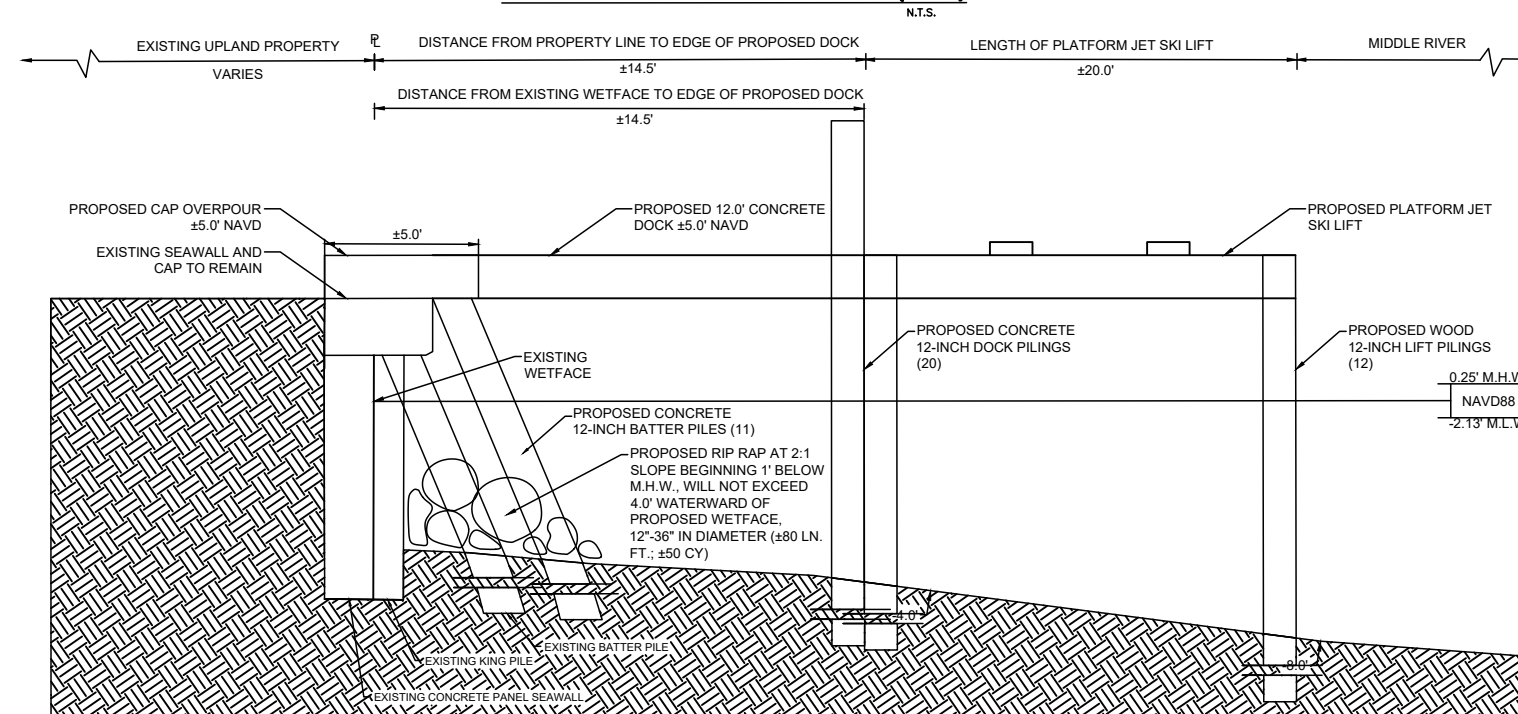
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SECTION A		
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EXISTING CONDITIONS B-B (TYP.)



PROPOSED CONDITIONS B-B (TYP.)



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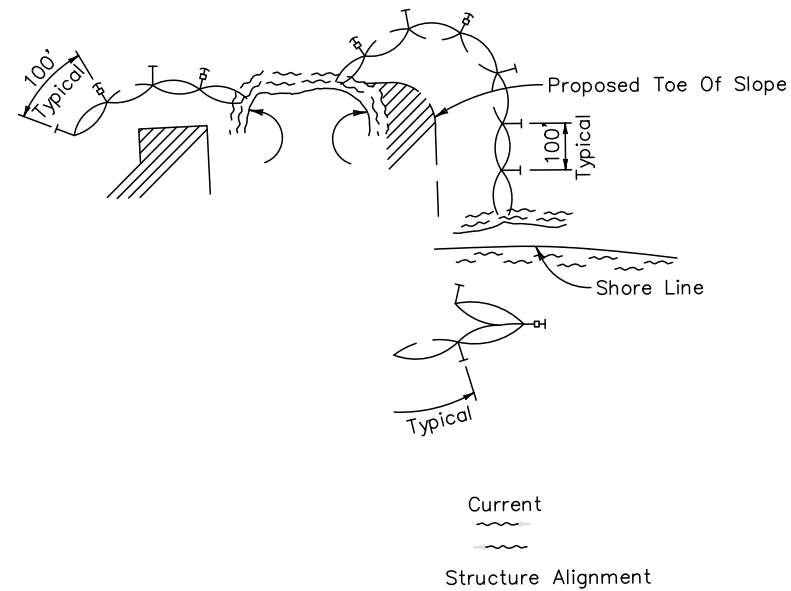
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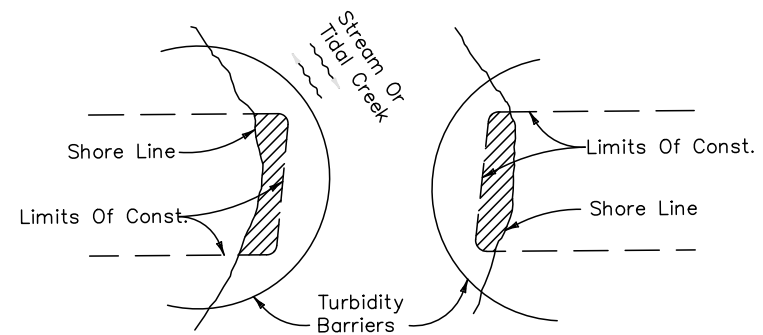
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SECTION B		
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CONSTRUCTION BARGE (TYP.)



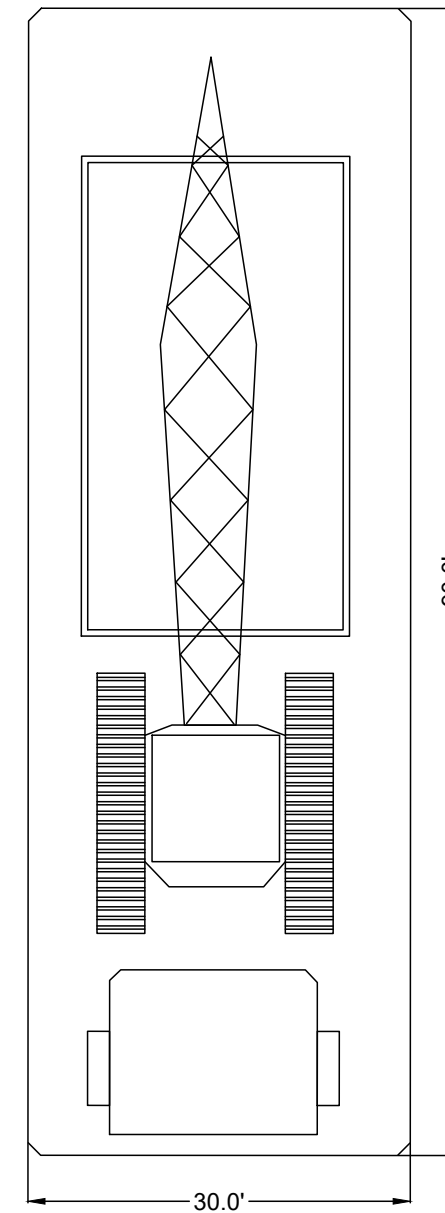
- LEGEND**
- Pile Locations
 - ▨ Dredge Or Fill Area
 - Mooring Buoy w/Anchor
 - ⊥ Anchor
 - Barrier Movement Due To Current Action



Note:
Turbidity barriers for flowing streams and tidal creeks may be either floating, or staked types or any combinations of types that will suit site conditions and meet erosion control and water quality requirements. The barrier type(s) will be at the Contractors option unless otherwise specified in the plans, however payment will be under the pay item(s) established in the plans for Floating Turbidity Barrier and/or Staked Turbidity Barrier. Posts in staked turbidity barriers to be installed in vertical position unless otherwise directed by the Engineer.

1. Turbidity barriers are to be used in all permanent bodies of water regardless of water depth.
2. Number and spacing of anchors dependent on current velocities.
3. Deployment of barrier around pile locations may vary to accommodate construction operations.
4. Navigation may require segmenting barrier during construction operations.
5. For additional information see Section 104 of the Standard Specifications.

TURBIDITY BARRIER APPLICATIONS



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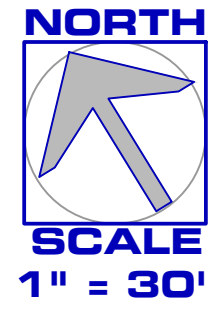
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DETAILS

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EXHIBIT VIII DISTANCE EXHIBIT



LEGEND

- SUBJECT SITE (0.43 AC)
- EXISTING CONCRETE SEAWALL TO REMAIN (±100.0 LN. FT.)
- EXISTING PVC DOCK TO BE REMOVED (±962 SQ. FT)
- 1 EXISTING SLIPS (1)

M.H.W. = 0.25' NAVD M.L.W. = (-)2.13' NAVD
 NOTE: SURVEY INFORMATION PROVIDED BY TARGET SURVEYING, INC.

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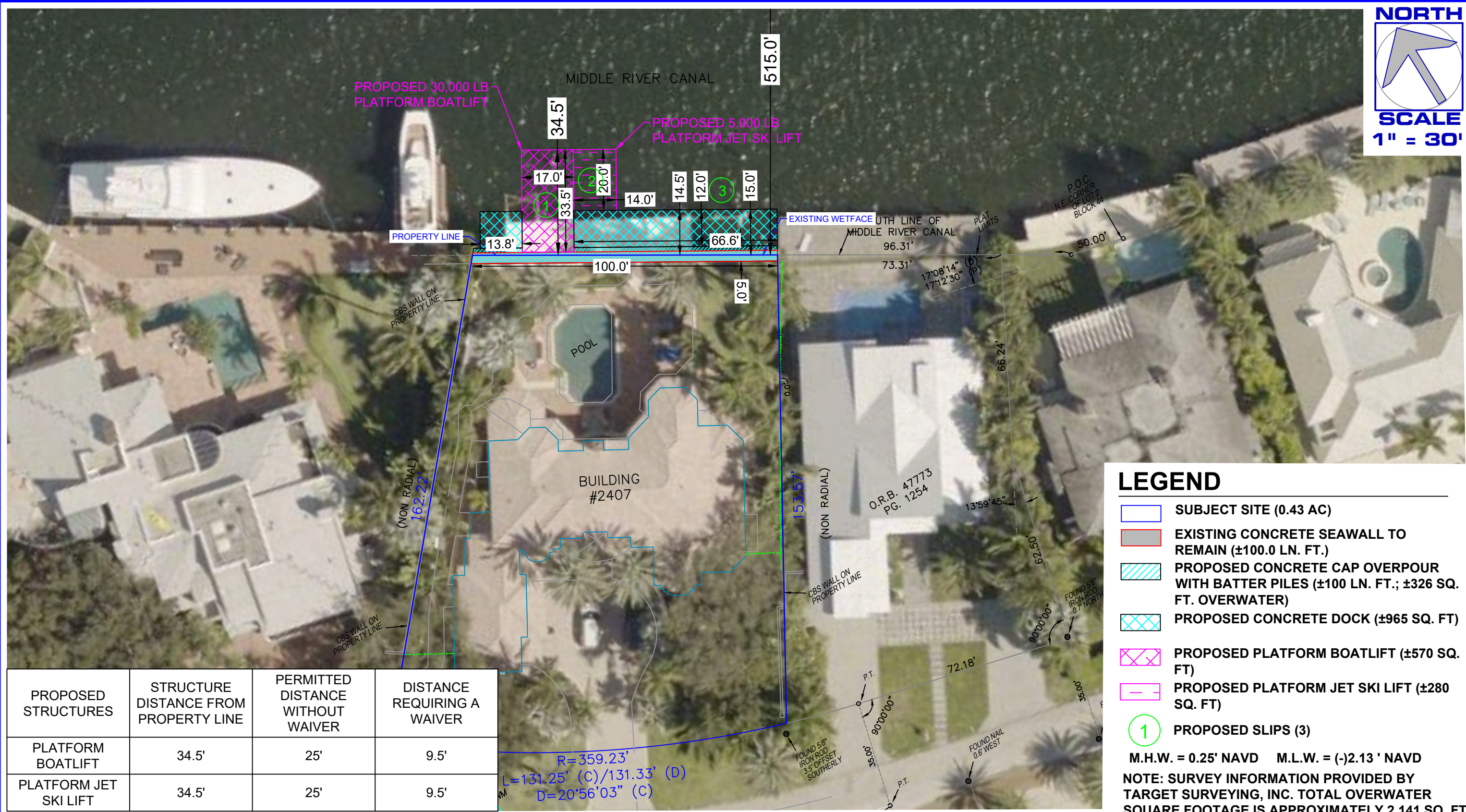
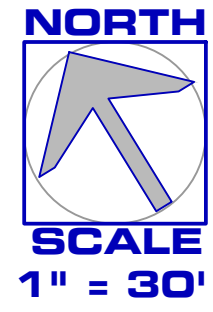
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DISTANCE EXHIBIT - EXISTING		
Date: 1/11/2021	Sheet : 1	of : 3
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LEGEND

- SUBJECT SITE (0.43 AC)
- EXISTING CONCRETE SEAWALL TO REMAIN (±100.0 LN. FT.)
- PROPOSED CONCRETE CAP OVERPOUR WITH BATTER PILES (±100 LN. FT.; ±326 SQ. FT. OVERWATER)
- PROPOSED CONCRETE DOCK (±965 SQ. FT)
- PROPOSED PLATFORM BOATLIFT (±570 SQ. FT)
- PROPOSED PLATFORM JET SKI LIFT (±280 SQ. FT)
- 1 PROPOSED SLIPS (3)

M.H.W. = 0.25' NAVD M.L.W. = (-)2.13' NAVD
 NOTE: SURVEY INFORMATION PROVIDED BY TARGET SURVEYING, INC. TOTAL OVERWATER SQUARE FOOTAGE IS APPROXIMATELY 2,141 SQ. FT.

PROPOSED STRUCTURES	STRUCTURE DISTANCE FROM PROPERTY LINE	PERMITTED DISTANCE WITHOUT WAIVER	DISTANCE REQUIRING A WAIVER
PLATFORM BOATLIFT	34.5'	25'	9.5'
PLATFORM JET SKI LIFT	34.5'	25'	9.5'

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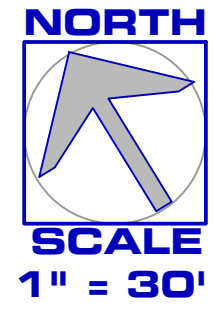
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DISTANCE EXHIBIT - PROPOSED

Date: 1/11/2021	Sheet : 2	of : 3
Proj No.: 20-0044		



LEGEND

- SUBJECT SITE (0.43 AC)
- EXISTING CONCRETE SEAWALL TO REMAIN (±100.0 LN. FT.)
- PROPOSED CONCRETE CAP OVERPOUR WITH BATTER PILES (±100 LN. FT.; ±326 SQ. FT. OVERWATER)
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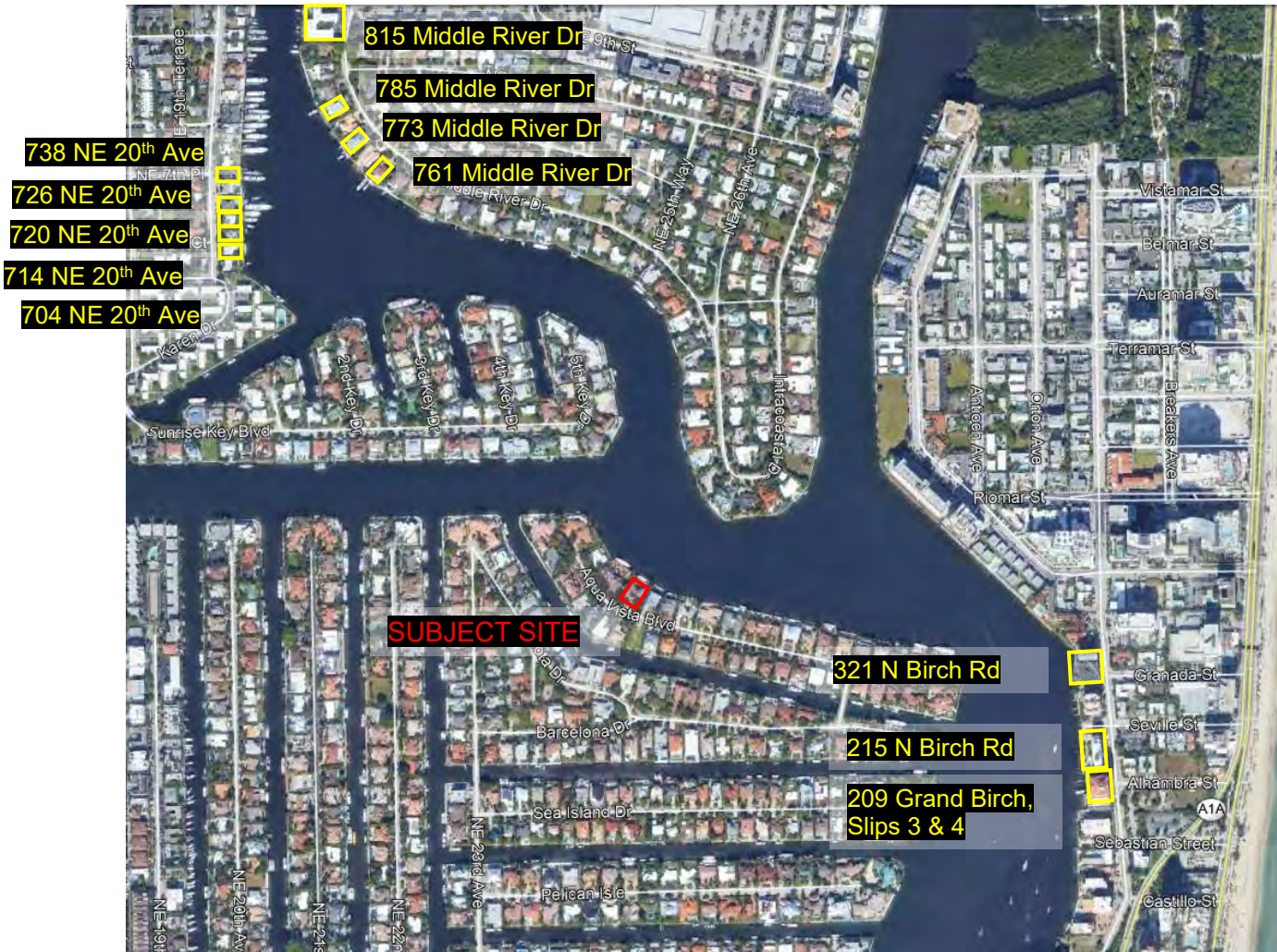
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DISTANCE EXHIBIT - PROPOSED		
Date: 1/11/2021	Sheet : 3	of : 3
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EXHIBIT IX EXISTING WAIVERS IN THE VICINTY

EXISTING WAIVERS IN THE VICINITY



ADDRESS	MAXIMUM DISTANCE
761 Middle River Drive	40.0'
773 Middle River Drive	60.0'
785 Middle River Drive	40.0'
815 Middle River Drive	40.0'
738 NE 20 th Ave	75.0'
726 NE 20 th Ave	125.0'
720 NE 20 th Ave	125.0'
714 NE 20 th Ave	108.0'
704 NE 20 th Ave	125.0'
321 N Birch Rd	75.0'
215 N Birch Rd	47.5'
209 Grand Birch, Slip 3	39.3'
209 Grand Birch, Slip 4	45.5'
Subject Site	34.5'