



Lake Killarney Board Regular Meeting

Agenda

October 4, 2023 @ 10:00 AM

City Hall Commission Chambers
401 S. Park Avenue

welcome

Agendas and all backup material supporting each agenda item are accessible via the city's website at cityofwinterpark.org/meetings/ and include virtual meeting instructions.

assistance & appeals

Persons with disabilities needing assistance to participate in any of these proceedings should contact the City Clerk's Office ([407-599-3277](tel:407-599-3277)) at least 48 hours in advance of the meeting.

"If a person decides to appeal any decision made by the Board with respect to any matter considered at this hearing, a record of the proceedings is needed to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based." (F.S. 286.0105).

please note

Times are projected and subject to change.

-
- 1. Call to Order**
 - 2. Consent Agenda**
 - a. Approve the minutes of the regular meeting August 23, 2023. 1 Minute
 - 3. Public Comments (for items not on the agenda): Three minutes allowed for each speaker**
 - 4. Public Hearings (Public participation and comment on these matters must be in person.)**
 - a. Boathouse/Dock Application (BLDR-2023-0720) 2054 Lake Dr. 10 Minutes
 - b. Boathouse/Dock Application (BLDR-2023-0822) 455 Lakefront Blvd. 10 Minutes
 - 5. Action Items**
 - a. Flood Management Guide 10 Minutes
 - b. Library and Event Center- Questions/Recommendations from Board on as-builts received 8/24 10 Minutes
 - 6. Non-Action Items**
 - a. Private Lift station Updates- David Zusi Dir of Water and Waste Water 5 Minutes
 - 7. Staff Updates**
 - a. Lakes Management 10 Minutes
 - b. Stormwater Management 10 Minutes
 - c. Orange County Update 10 Minutes
 - 8. Board Comments**
 - a. Discussion of Public Comments Received 5 Minutes
 - 9. Upcoming Agenda Items**
 - a. Upcoming Agenda Items 5 Minutes
 - b. Summary of Meeting Action Items 5 Minutes
 - 10. Adjournment**



Lake Killarney Board

agenda item

item type

Consent Agenda

meeting date

October 4, 2023

prepared by

Tatia Ghviniashvili, Board Coordinator

approved by**subject**

Approve the minutes of the regular meeting August 23, 2023.

motion | recommendation**background****strategic objectives****alternatives | other considerations****fiscal impact****attachments**

1. Draft Minutes



Lake Killarney Board Meeting Minutes

August 23, 2023 at 8:30 a.m.

City Hall, Commission Chambers
401 S. Park Avenue | Winter Park, Florida

Present

Jeanne Wall, William Voecks, David Dickerson, Carolyn Minear, Joyce Cunningham, Jason Ellison, and Ellen Hencken.

Staff Present

Director of Natural Resources & Sustainability Gloria Eby; Director of Public Works & Transportation Charles Ramdatt; Assistant Director of Public Works Don Marcotte; Public Works Engineer Shannon Monahan; Interim Lakes Division Manager Jake Allman; Natural Resources & Sustainability Administrative Coordinator Victoria Tabor; Virtually: Board Coordinator Tatia Ghviniashvili.

1) Call to Order

The meeting was called to order at 8:31 a.m.

2) Consent Agenda

Ms. Wall briefly spoke about the importance of adding all roll-over items to agendas (as previously voted on by this board). Staff addressed that although not explicitly stated in the agenda packet, many items are a part of broader topics covered and will be discussed nevertheless. Ms. Wall noted to include the Library and Events Center As-Builts as a continues follow-up item on agendas moving forward.

- a. Approve minutes of the regular meeting August 02, 2023

Paragraph three, of page three, modify the sentence to read as, "the updated Flood Management Guide was provided". On the same page, two paragraphs down, clarify what study is being completed- specifically, the Western Basin study performed by Geosyntec. In the first paragraph, under Board Comments, Ms. Wall suggested including the phone number of the Public Works main line, however; since the phone number was not provided in the August 02 meeting it will not be added to the minutes as it does not show an accurate reflection of the meeting at the time. Include the denial of permit revision based on city code under summary of meeting actions.

Motion made by Jason Ellison to approve the minutes as amended; seconded by David Dickerson. Motion carried unanimously with a 7-0 vote.

3) Public Comments (for items not on the agenda):

Charlie Brenner, 1828 Killarney Dr., spoke about the lake level on Lake Killarney and the wells that were put in by Orange County following Hurricane Donna. He questioned

whether the circumference on the wells is adequate enough to control the lakes properly.

Tyven Zalloum, 518 Country Club Dr., voiced concerns regarding current lake level. Specifically, difficulties associated with boat ramps and getting boats into the lake with the low water levels. He also spoke about the high temperature of the lake, which he noted is caused by low water levels and the resulting bloom of algae.

The board asked follow-up questions and a discussion was held about the algae. Staff explained that it is not abnormal for a form of algae to bloom with high temperatures, as it has also been seen in the chain of lakes- not just in Lake Killarney. A further discussion followed.

Jade Malek, 1898 Killarney Dr., also voiced her concerns related to the low lake level. She noted that it would take an increase of about 12 inches in lake level for her to use her boat without any difficulties.

Robert Kunzweiler, 2000 Lake Dr., spoke of his concerns with the low lake level and agreed with the speaker before him and noted that preparing for a 500-year storm/flood is futile, as flooding will be inevitable regardless of how much the lake is lowered.

Chase Tate, 2119 Blossom Ln., noted that he is a resident on the canal and is extremely disappointed in the low lake level. He spoke about the smell and muck that is present by his residence, and how he is not able to use his boat properly as a result.

Scott McCreary, 515 Lake Front Blvd., spoke about the low lake level, mimicking the concerns of those who spoke before him. He also thanked staff for their continued maintenance and care of the lake, and noted that a solution has to be put into place to fix the lake level.

Langdon Stanley, 525 Ololu Dr., voiced concern about the quality and welfare of the lake, as opposed to his own use. He noted that his concern isn't so much the lake level, but the quality of the water.

Alexander Williamson, 2127 Blossom Ln., spoke about the possibility of adding an aeration system to help with increasing oxygen in the lake. He noted that, if needed, his dock could be used as a place to install the system. He asked for staff to follow-up with him regarding this request.

Ms. Wall responded to the comments above and highlighted that the decision to lower lake level during hurricane season was thought out/discussed thoroughly for many months by the board and staff in a public forum. Lowering the lake by .6 ft. was also approved by the Florida Department of Environmental Protection (FDEP).

Conrad Necrason, Chairman of the Orange County Lake Killarney Board, helped to explain the context of photographs shown depicting an area where a faulty stormwater pipe is bringing water and sediment from the roads into the lake, which becomes exasperated with heavy rains. Staff clarified that the photograph provided is of a

sandbar by Beachview Ave., and Shoreview Ave., which is one of the two sedimentation removal projects that will be completed under the Natural Resources Conservation Service (NRCS) grant funding. More photographs were presented and a discussion about sediment removal and dredging ensued, with staff highlighting the difference between the two. Mr. Necrason continued by speaking about the flooding during Hurricane Ian and photographs of the flooding were presented.

Commissioner Todd Weaver spoke briefly about the history of hurricanes in and around Lake Bell and the impacting path Hurricane Ian had on city lakes. He discussed how the storm surge in Jacksonville reversed the flow direction of the St. Johns River creating record flooding levels. He noted that the decision to lower the lake during hurricane season was prudent, and thanked the staff and board for their hard work.

A long discussion continued about the lake level, with the board addressing concerns from the public whilst educating them on the decision that was made. It was reiterated that staff and board underwent a laborious process before making the decision to lower the lake. Staff made a clarification stating that during the various meetings held before making this decision, it was explained that it is extremely challenging for staff to hold the lake at a particular level due to uncontrolled variables present in the environment, such as rainfall.

Mr. Ramdatt noted that in the upcoming week, staff will hold various internal meetings to work through potential solutions/modifications to the policy and lake level and will send those thoughts to the board via email. A discussion followed.

Motion made by David Dickerson that in leu of unanticipated effects of the interim policy, the board allows staff to modify the plan as they see best and notify the board of the changes. Along with communicating changes in lake level to residents; seconded by William Voecks. Motion carried unanimously with a 7-0 vote.

4) Public Hearings (Public participation and comment on these matters must be in-person.)

There were none.

5) Action Items

There were none.

6) Non-Action Items

There were none.

7) Staff Updates

a. Lakes Management

Water quality data was presented, and staff explained how the sampling process works and how results are collected. Phosphorus and nitrogen concentrations are low in the

lake but higher in the cove due to its morphology and pointed out effects from Hurricane Ian. Water quality thresholds were provided, as requested by the board at the previous meeting, along with a link for further education.

The side setback variance form/packet will be provided at the next meeting. The Florida Department of Environmental Protection (FDEP) dock regulations were provided and staff explained that FDEP only regulates docks over 1,000 ft., or if they are in outstanding Florida water/aquatic preserves.

Maintenance and efforts continue, with staff monitoring risers multiple times a week to insure desired lake level was reached. Treatment for algae and water hyacinths continues. Staff also removed 35 gallons of vegetation debris off of the grates leading to the drain wells and 165 gallons of debris from leaf traps. The board asked for the lake level log- kept by staff- to be presented as part of the ongoing agenda materials up until the end of hurricane season.

A lily pad survey has yet to be conducted, and staff noted that due to differences in lake management practices between the city and Orange County, different parts of the lake see varied treatment/removal protocols for lily pads.

A brief update was provided on sediment removal using NRCS funding, with staff highlighting that the contractor is currently working on the Winter Park 18 Golf Course and will move into Lake Killarney as soon as the golf course is complete. Machinery is expected to begin moving into Lake Killarney in about a week and a half. A discussion followed about NRCS funding and what projects are being done directly related to that grant.

The telemetry station gateway is scheduled for delivery by the end of August and the sensors to these stations are still in the 'order' status. A brief discussion followed.

b. Stormwater Management

The Lake Bell weir project is moving along and is in the process of a purchase order (PO). Staff is looking to meet with the St. Johns Water Management to understand what is needed to move forward with the Nicolet Pond project.

Mr. Ramdatt gave an update on street sweeping and noted staff is looking to piggy back on another arrangement with the current contractor, and then proceed to go out for bids to select a contractor for the city on a standard contract.

There is no new lakefront construction to report on. The Best Management Practices (BMP) feasibility study and the outfall consolidation updates will continue to be follow-up items.

Staff also provided the public works main line phone number, as requested by the board at the last meeting: 407-599-3233. A brief discussion followed about budgeting for any dredging and staff noted that dredging is part of the overall maintenance budget.

c. Orange County Update

Staff is actively procuring a vendor to execute the removal of the sandbar on Blue Heron Dr.

8) Board Comments

Mr. Ellison asked about his boat lift and removing it for purposes of dredging the canal. Staff will work with him on coordinating the logistics of this once the canal dredging begins.

Ms. Wall asked about the Library and Event Center Stormwater As-Builts zip-drive and staff noted it will be sent to all board members. Ms. Wall asked her fellow board members to review the As-Builts and send any questions/comments/concerns to staff before addressing and discussing the topic in full at the next meeting. A brief discussion followed.

a. Discussion of Public Comments Received

Public comments were discussed at the beginning of the meeting.

9) Upcoming Agenda Items

a. Upcoming Agenda Items

- Water quality updates with the lake level graph included.
- Variance packet related to permit applications with all attachments asked for by the board.
- Lakes maintenance and efforts.
- Sediment removal update for NRCS.
- Telemetry station update.
- Capital Improvement Projects (CIP) update/Infrastructure projects.
- Hurricane Flood Management Guide.
- Street sweeping update.
- Lakefront construction.
- BMP feasibility study.
- Outfall condition update.
- Library and Events Center As-Builts.

b. Summary of Meeting Action Items

Minutes from the previous meeting have been approved with amendments made.

A motion was passed for staff to modify the interim hurricane flood control draft as they see fit to account for the low lake level.

10) Adjournment

The meeting adjourned at 11:10 a.m.

Minutes approved by the board on _____.
/s/ Tatia Ghviniashvili, Board Coordinator.

DRAFT



Lake Killarney Board

agenda item

item type

Public Hearings (Public participation and comment on these matters must be in person.)

meeting date

October 4, 2023

prepared by

Victoria Tabor, Administrative Coordinator II

approved by

Victoria Tabor, Administrative Coordinator II

subject

Boathouse/Dock Application (BLDR-2023-0720) 2054 Lake Dr.

motion | recommendation**background****strategic objectives****alternatives | other considerations****fiscal impact****attachments**

1. BLDR-2023-0720 - 2054 Lake Dr
2. 2056 Lake Dr



LAKE SHORELINE BOATHOUSE/DOCK APPLICATIONS

BLDR-2023-0720

2054 Lake Dr

- Applicant: David Wolf
- Owner: David Wolf
- Contractor:
- Structure: Boathouse and Dock
- New/Existing: New
- Waterbody: Killarney

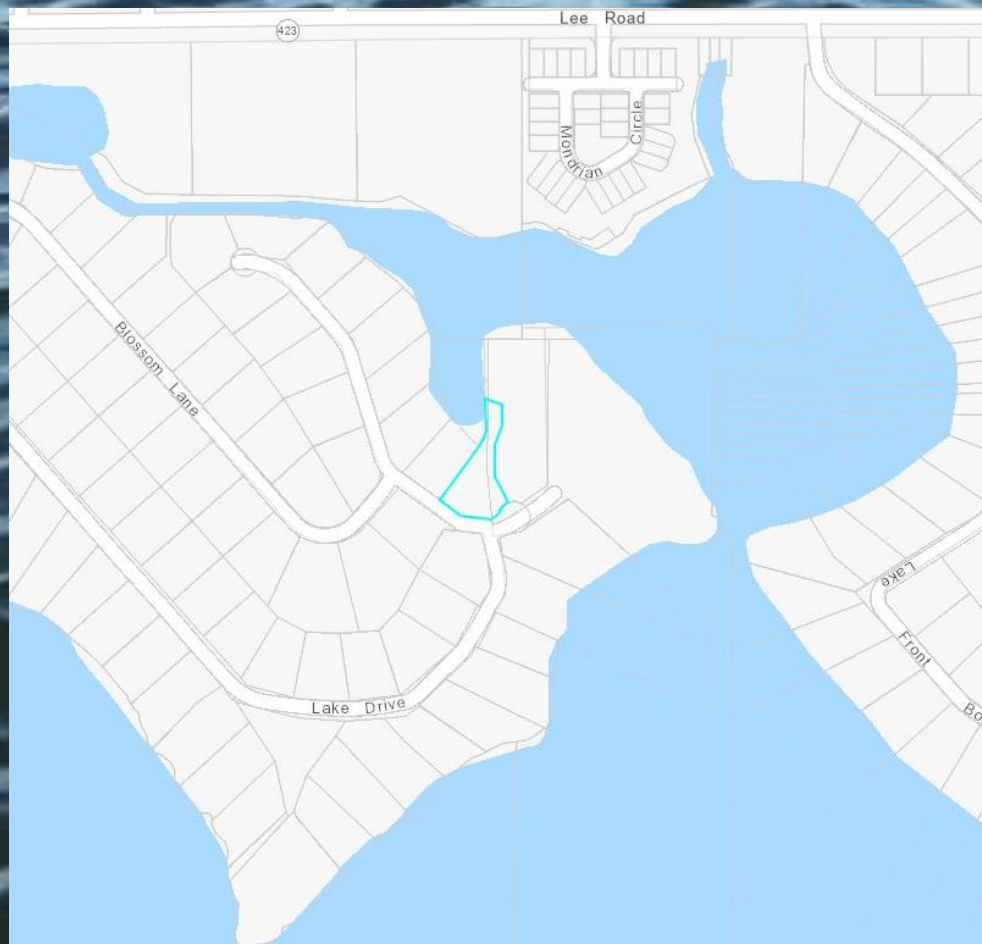
Parameters

Dock Parameter	Proposed	Allowed	Variance Req.?
Total Area (ft ²) OHWL	592	600 max	No
Length from OHWL (ft)	30'	50'	No
Height of Roof (ft above deck)	11'	11 max	No
Height of Deck (ft above OHWL)	2'	2 max	No
Enclosures?	No	80 ft ² max (no plumbing/water allowed)	No
Side Yard Setback(s) (ft)	5'	10 min	No
Meet Vegetation Criteria?	Yes	50% may be cleared	No

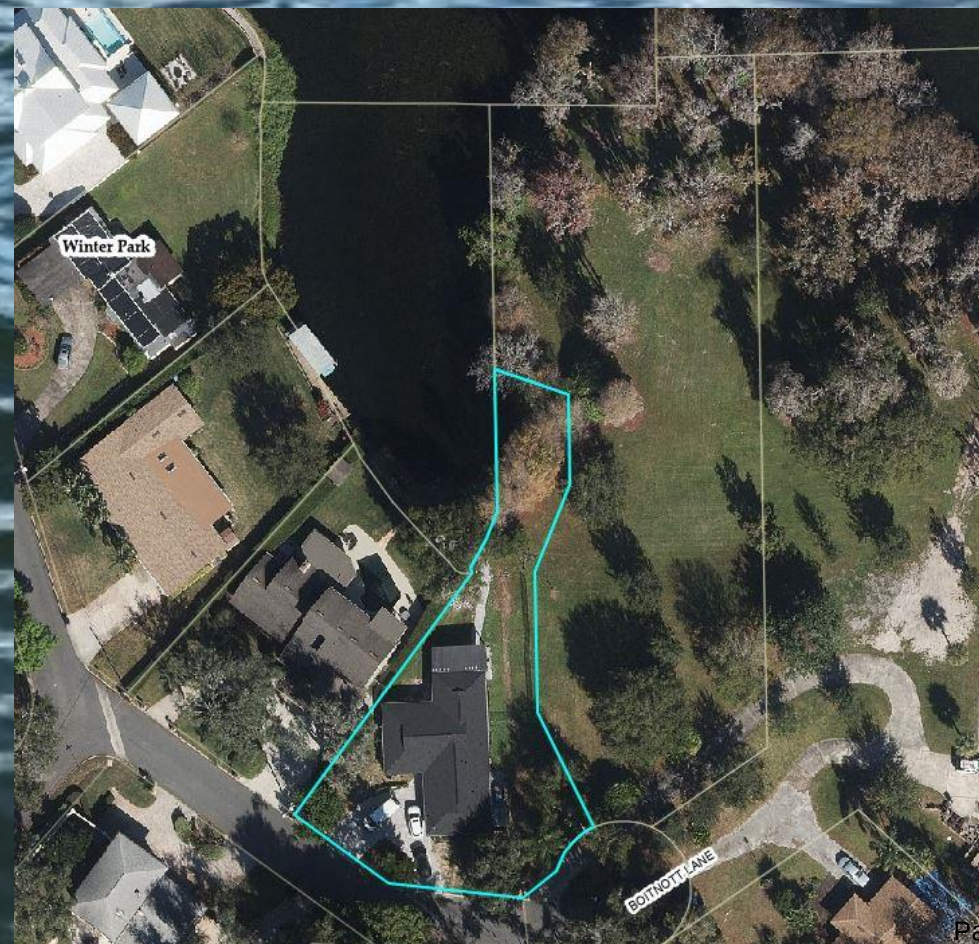
Staff Recommendation: Approval
Reviewed by: Joey Cordell

Map View

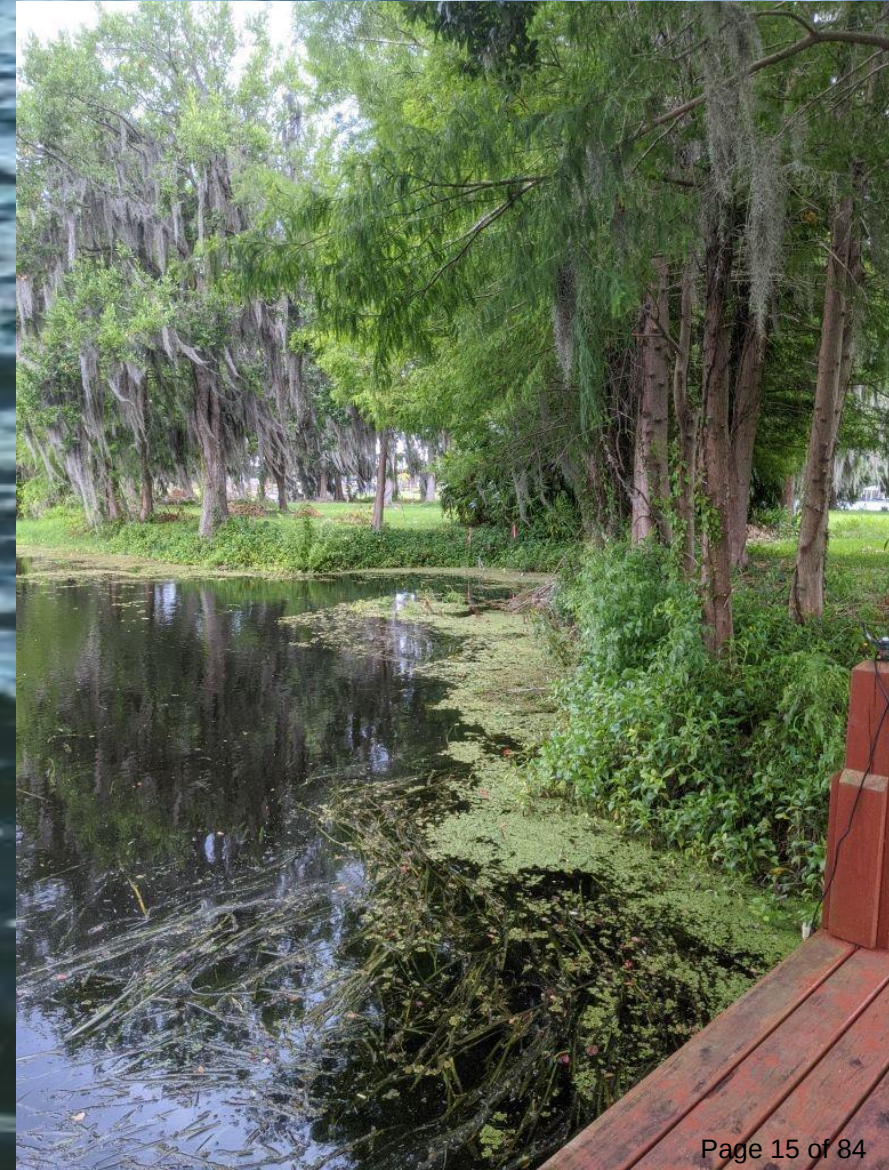
Basemap



Aerial View



Photos

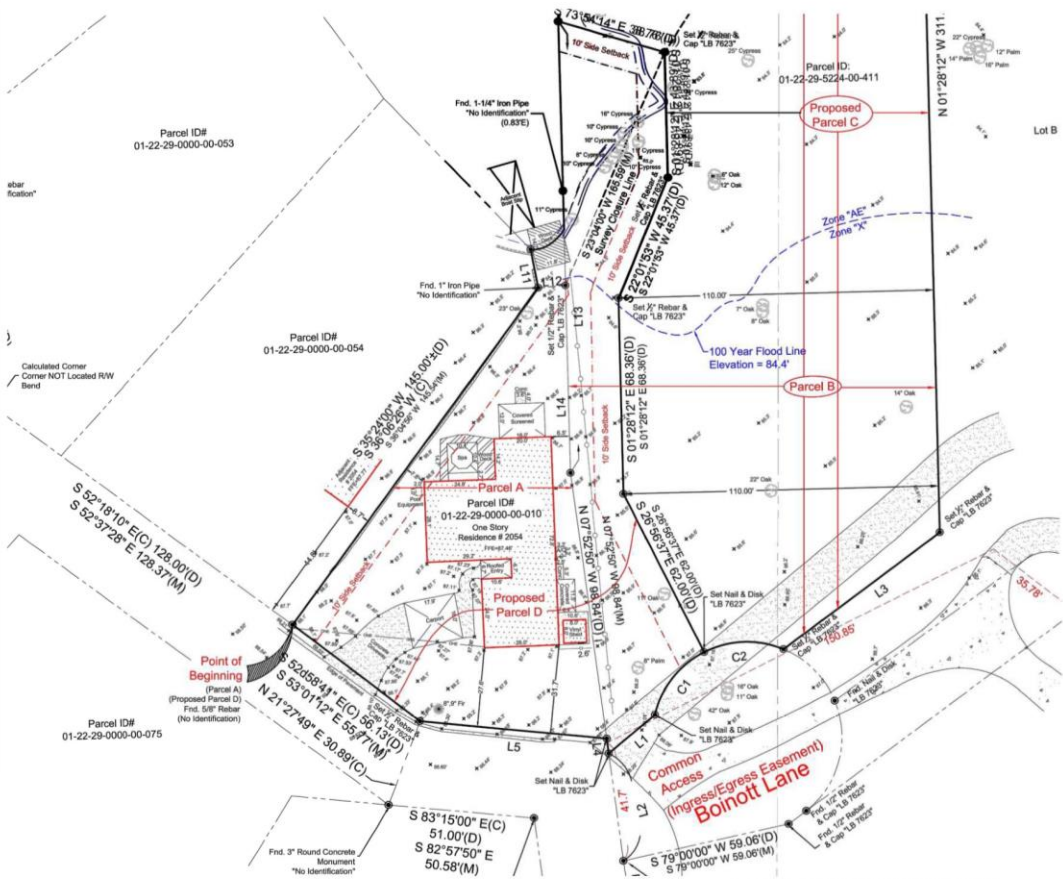


Survey

INDEX OF DRAWINGS

- A0 INDEX OF DRAWINGS, SITE LOCATION MAP
- A1 SITE PLAN
- A2 PLAN VIEW
- A3 FLOOR PLAN WITH DIMENSIONS
- A4 FRONT AND RIGHT ELEVATIONS
- S0 GENERAL STRUCTURAL NOTES
- S1 STRUCTURAL DETAILS
- S2 ROOF FRAMING PLAN & STRUCTURAL NOTES
- S3 CROSS SECTION

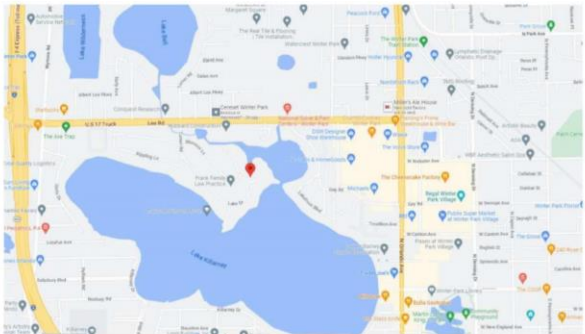
SCOPE OF WORK: NEW OBSERVATION WOODEN DECK



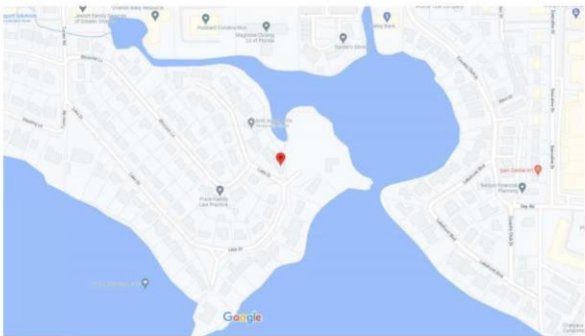
SCHEMATIC SURVEY
1/4\"/>



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MICHAEL THOMPSON
Reason: This item has
been electronically signed
& sealed by Michael A.
Thompson using a digital
signature. Printed copies
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considered signed and
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must be verified on any
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LOCATION OF PROPOSED CONSTRUCTION



SITE LOCATION MAP

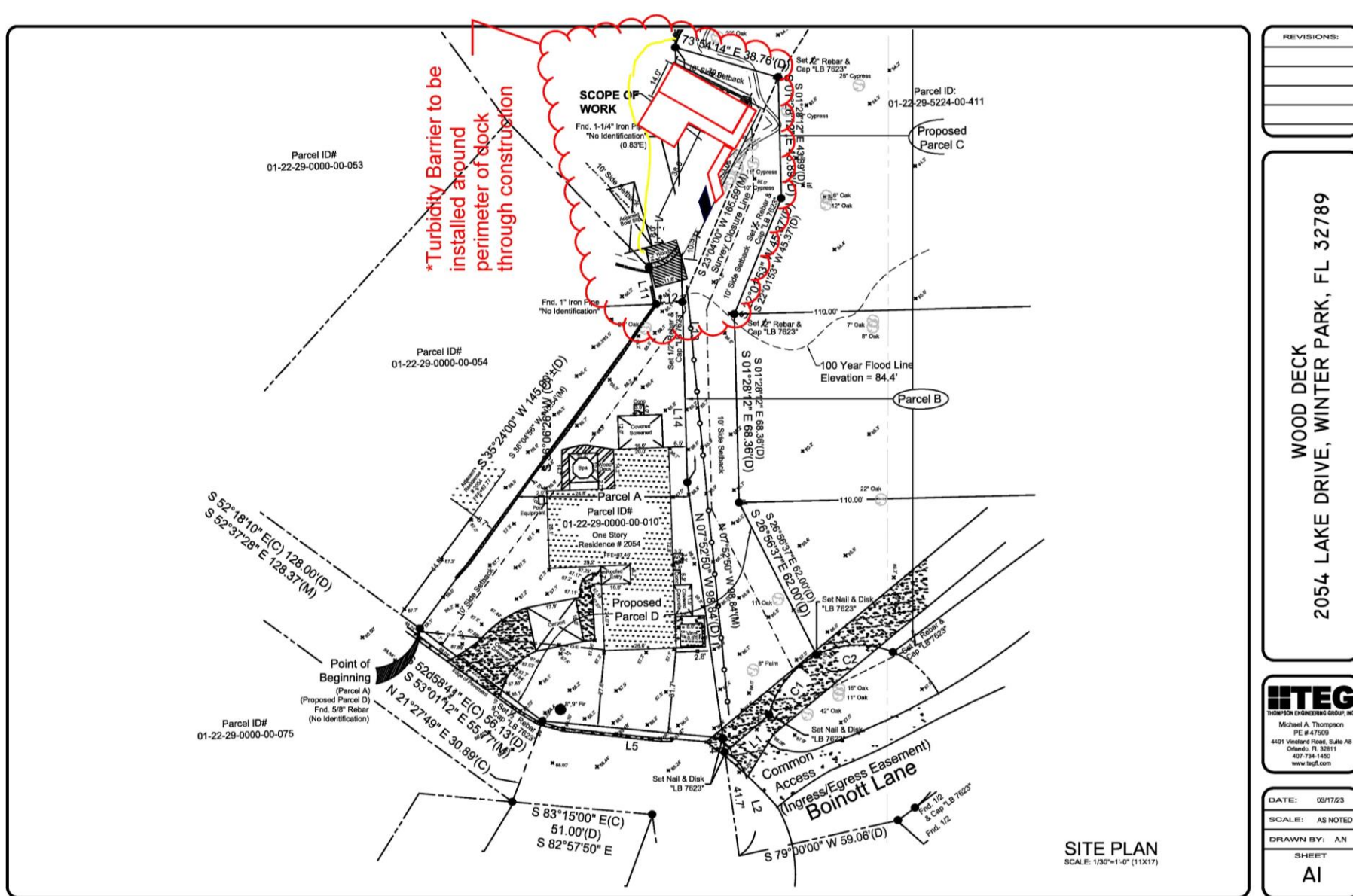
REVISIONS:

WOOD DECK
2054 LAKE DRIVE, WINTER PARK, FL 32789

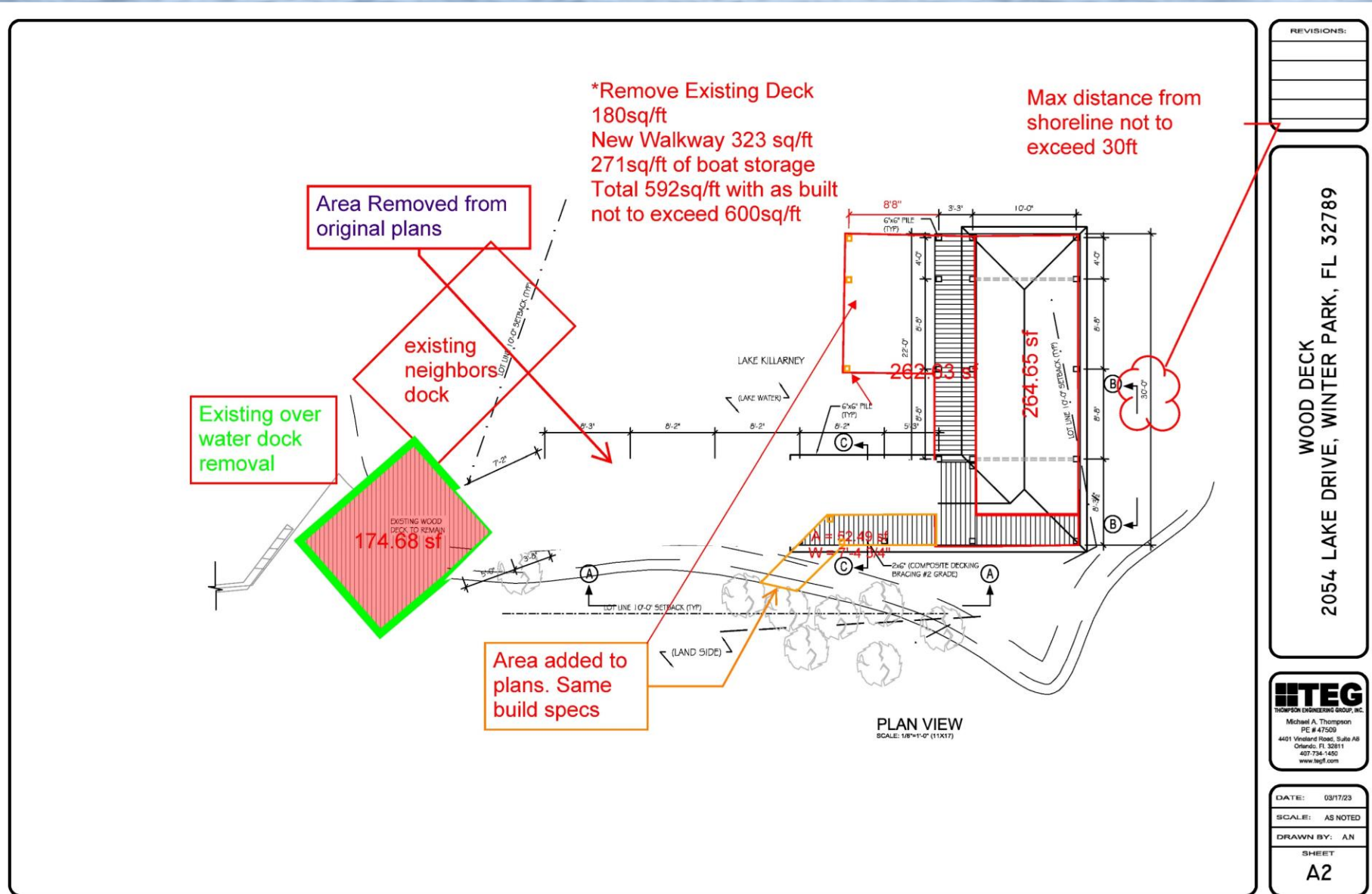


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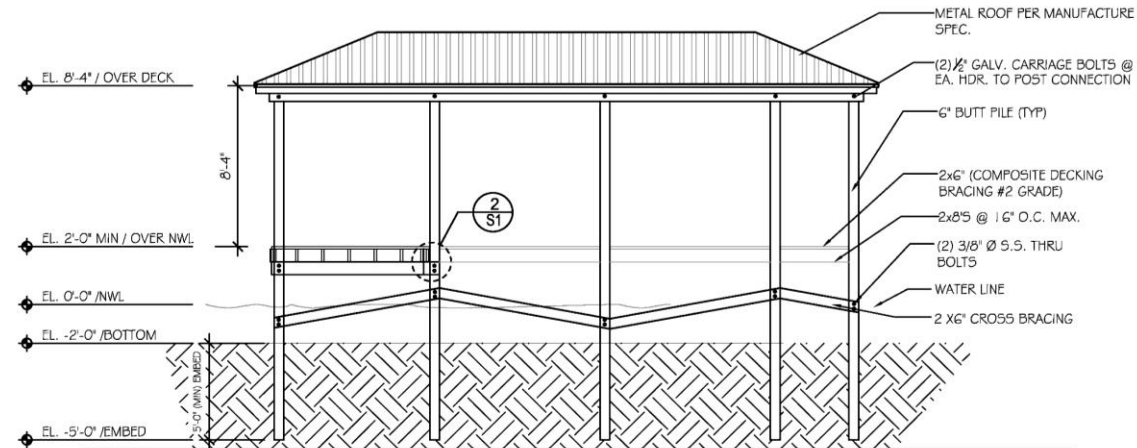
Plans



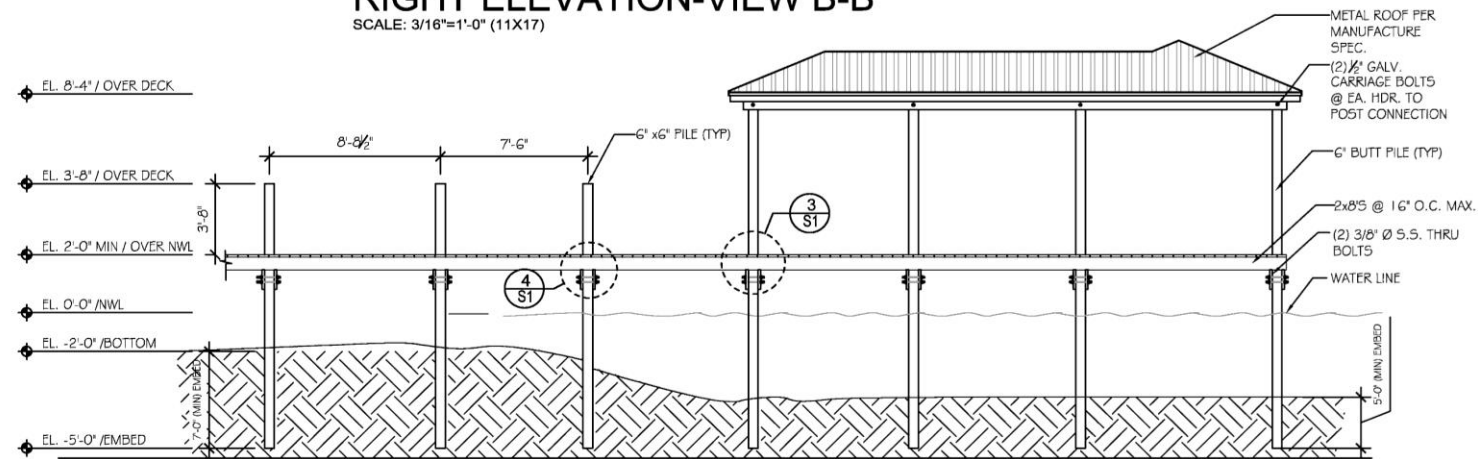
Plans



Plans



RIGHT ELEVATION-VIEW B-B
SCALE: 3/16"=1'-0" (11X17)



FRONT ELEVATION-VIEW A-A
SCALE: 3/16"=1'-0" (11X17)

REVISIONS:

WOOD DECK
2054 LAKE DRIVE, WINTER PARK, FL 32789



DATE:	03/17/23
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Letter of No Objection

AFFECTED ADJACENT PROPERTY OWNER
NOTARIZED STATEMENT OF NO OBJECTION
TO BOAT DOCK SIDE-SETBACK WAIVER REQUEST

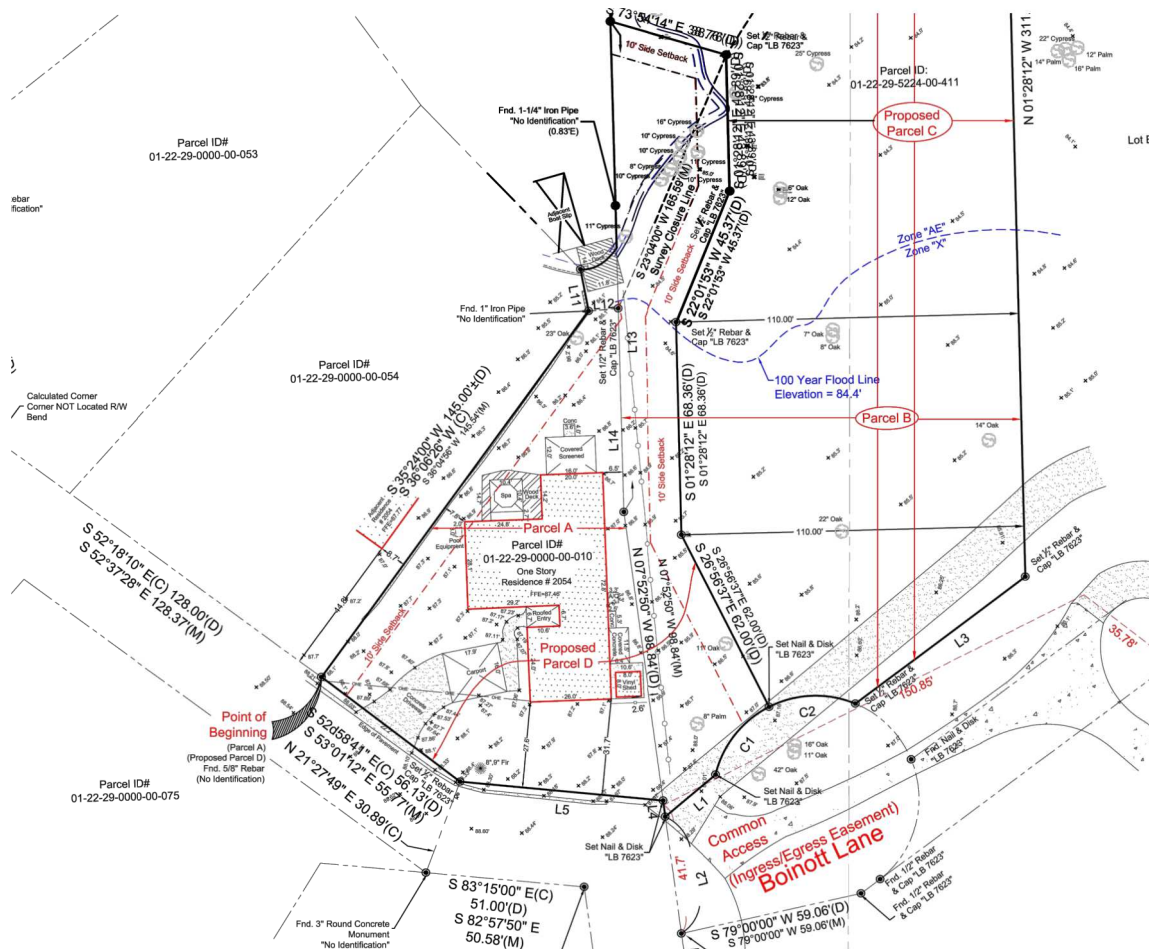
I, <u>David Wolf</u> , a legal property owner of property located at <u>2056 lake dr, winter park, fl 32789</u> , (Address) have reviewed the dock construction plans dated <u>8/1/2023</u> , for the property located at <u>2054 lake dr, winter park, fl 32789</u> , and have no objections. The dock construction plans include a side setback waiver request of 5 feet, in lieu of the minimum 10 feet required by Code.	<u>8/1/2023</u> (Date)
<u>David Wolf</u> (Signature – Adjacent Affected Property Owner)	
<u>David Wolf</u> (Print Name – Adjacent Affected Property Owner)	
ACKNOWLEDGEMENT: STATE OF FLORIDA COUNTY OF ORANGE The foregoing instrument was acknowledged before me this <u>8th</u> day of August, 2023, by <u>Tary Anderson</u>  (Signature of Notary Public – State of Florida) Personally Known <u>x</u> OR Produced Identification _____ Type of Identification Produced _____	

INDEX OF DRAWINGS

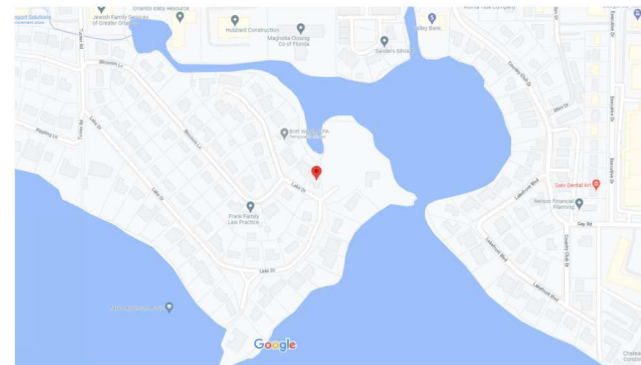
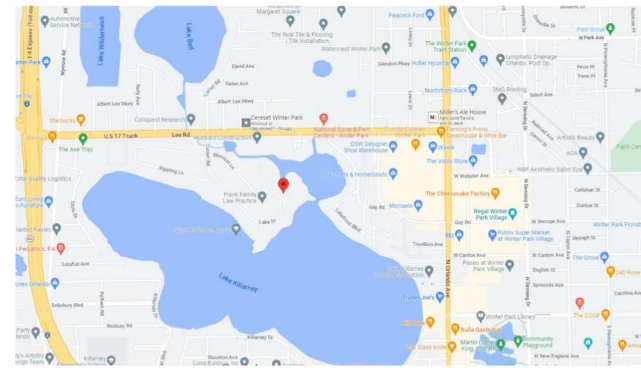
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SCOPE OF WORK: NEW OBSERVATION WOODEN DECK

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MICHAEL THOMPSON
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SCHEMATIC SURVEY
1/4" = 1'-0"



SITE LOCATION MAP

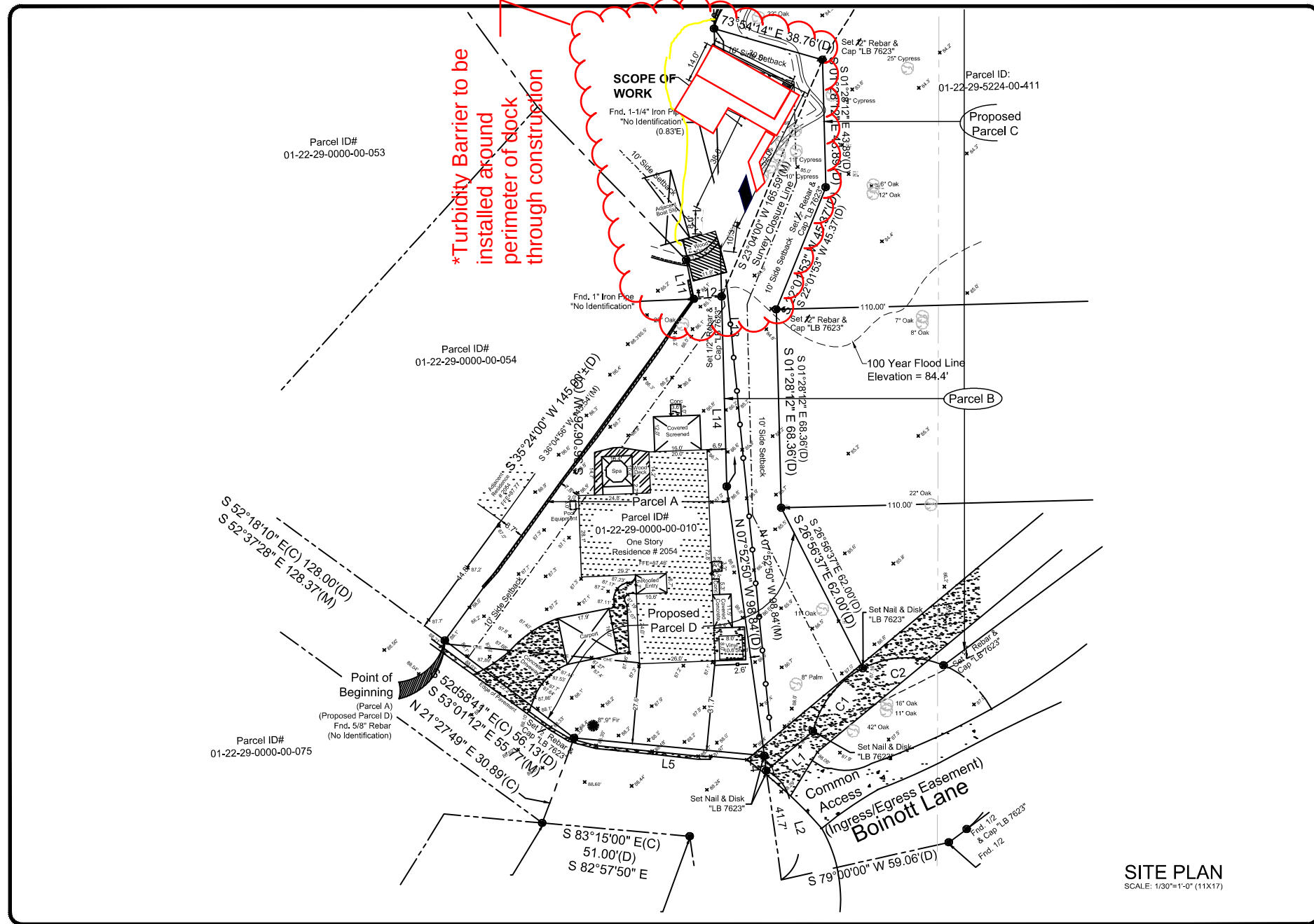
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WOOD DECK
2054 LAKE DRIVE, WINTER PARK, FL 32789



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SHEET
A0



REVISIONS:

WOOD DECK
2054 LAKE DRIVE, WINTER PARK, FL 32789

ITEG
THOMPSON ENGINEERING GROUP, INC.
Michael A. Thompson
PE # 47509
4401 Vineland Road, Suite A6
Orlando, FL 32811
407-734-1450
www.tegfl.com

DATE:	03/17/23
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REVISIONS:

WOOD DECK
2054 LAKE DRIVE, WINTER PARK, FL 32789



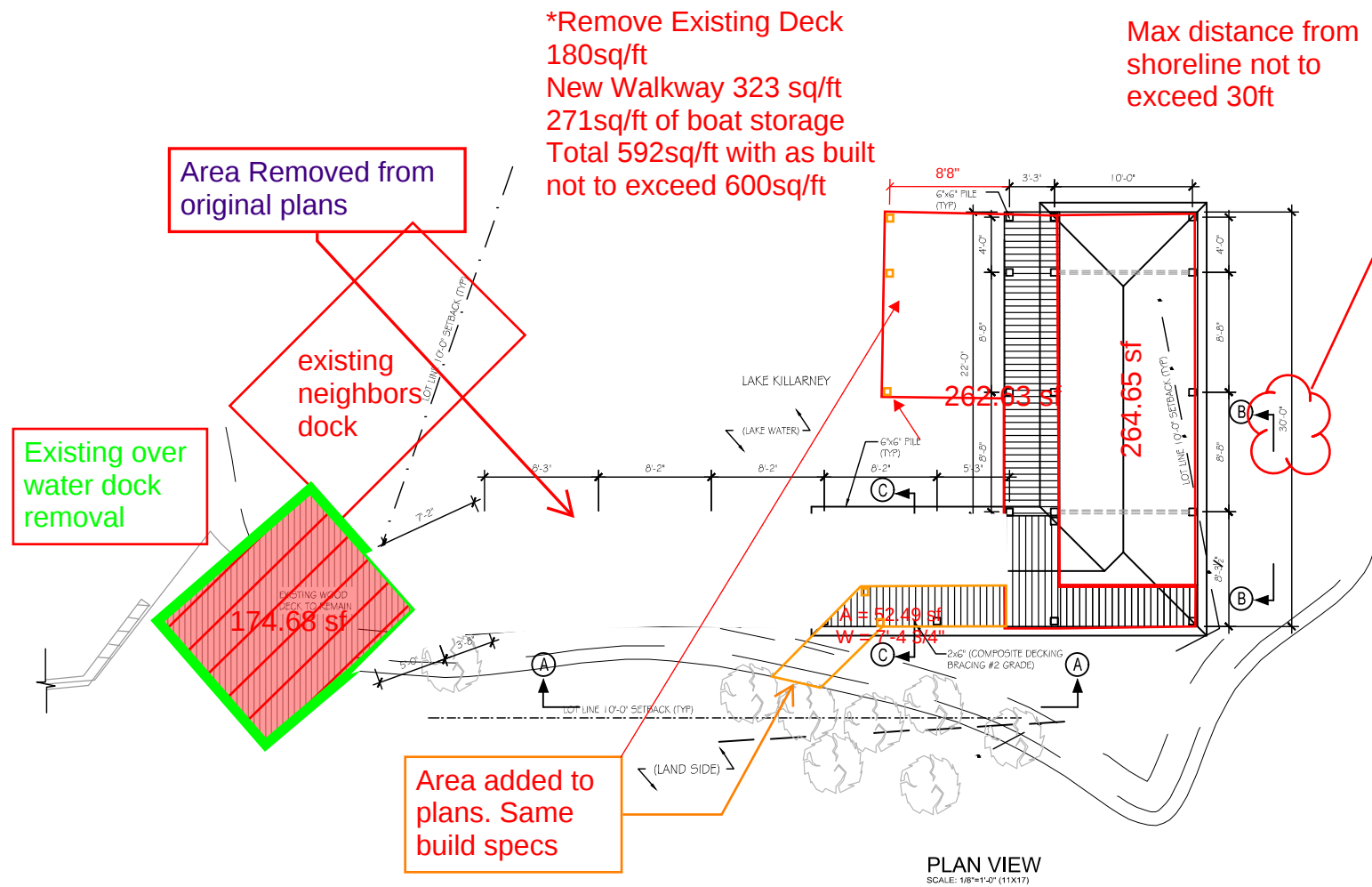
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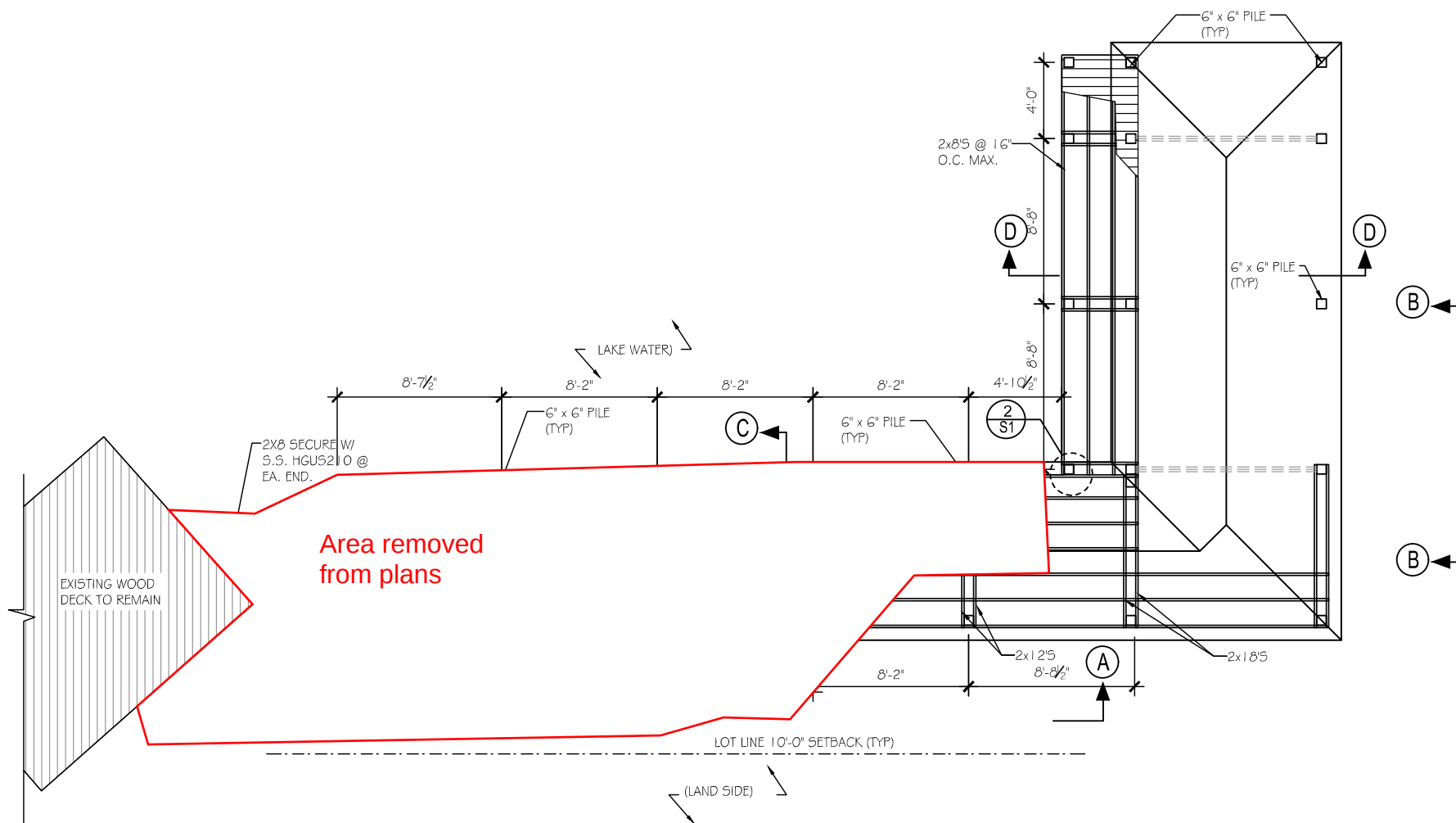
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DRAWN BY: A.N

SHEET

A2





FLOOR PLAN W/ DIMENSIONS
SCALE: 3/16"=1'-0" (11X17)

REVISIONS:

WOOD DECK
2054 LAKE DRIVE, WINTER PARK, FL 32789

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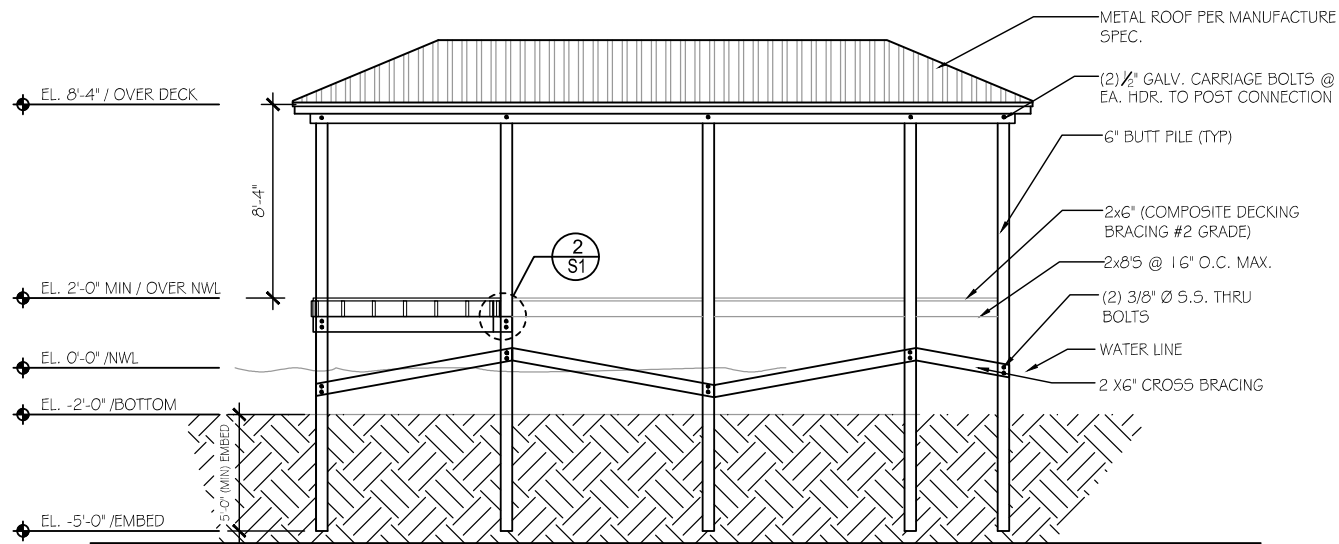
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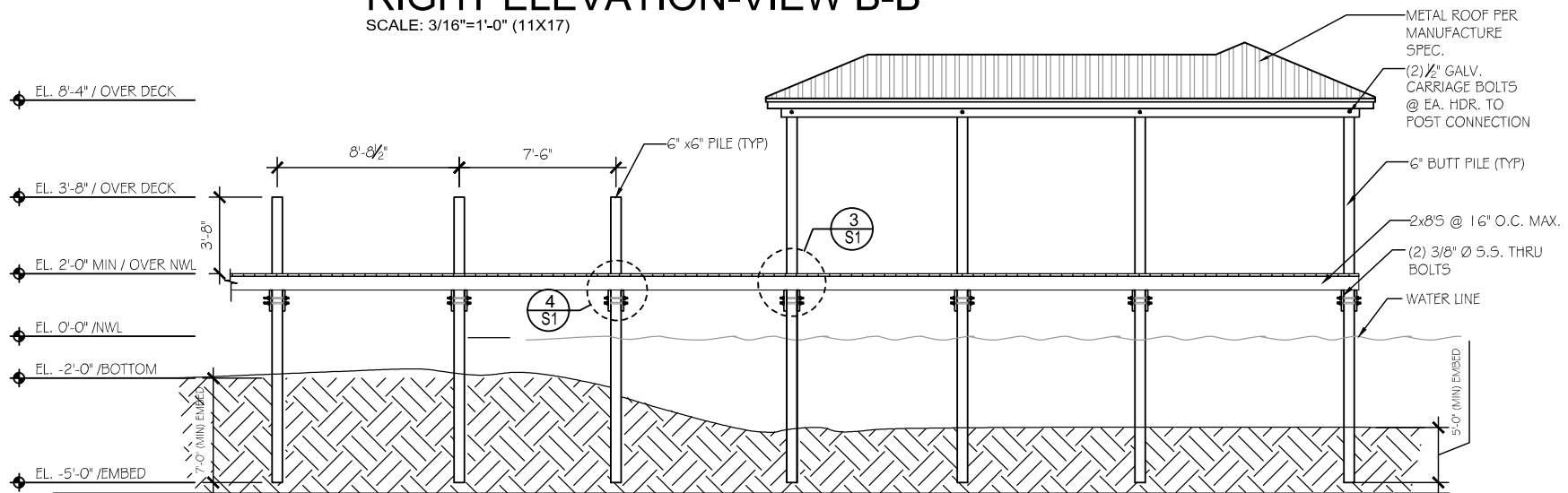
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A3



RIGHT ELEVATION-VIEW B-B

SCALE: 3/16"=1'-0" (11X17)



FRONT ELEVATION-VIEW A-A

SCALE: 3/16"=1'-0" (11X17)

REVISIONS:

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DATE: 03/17/23

SCALE: AS NOTED

DRAWN BY: A.N.

SHEET

A4

STRUCTURAL NOTES

GENERAL:

1. Live Load
Live Load: 40 PSF.
2. Ultimate design wind speed $V_{ult} = 140$ mph, 3-sec. gust
3. Nominal design wind speed $V_{asd} = 109$ mph, 3-sec. gust
4. Occupancy Importance Factor = 1.0
5. Risk Category II
6. Wind Exposure C
7. Internal Pressure Coefficients = +0.18 and -0.18
8. All work to be in strict accordance with the 2017 Florida
9. Residential Code
10. Only written changes approved by the Engineer of record shall be permitted.
Structural analysis is based on an enclosed structure.

WOOD:

1. All wood framing shall be marine grade designed, detailed and fabricated in accordance with the procedures and requirements outlined in the latest edition of the National Design Specifications for Wood Construction.
2. For Structural lumber, provide the following grade and species (equivalent or better) U.O.N.:
Southern Pine or Spruce Pine Fir surfaces dry used at 19% MAX. M.C. Grade NO. 2.
3. All wood framing marine grade in direct contact with earth or concrete to be Pressure Treated. The use of metal seat plates in lieu of Pressure Treated wood is acceptable.
4. Provide galvanized metal hangers and framing anchors of the size and type as shown in these documents, connect as per manufacturer recommendations. (Simpson Strong Tie or equivalent)
5. All bolts used for wood construction shall be a minimum of $\frac{1}{2}$ " diameter (ASTM A-307) with 7" minimum embed (U.O.N. in plans).
6. Provide framing members of sizes and of spacing shown, or if not shown, comply with the recommendations of the Florida Building Code, Latest Edition.
7. Do not splice structural members between supports.
8. Provide anchorage and nailing for members and sheathing as shown in the DWG's and to comply with the Florida Building Code, Latest Edition.
9. Roof framing sheathing:
 $\frac{1}{2}$ " CDX, Rated "Exp. 1". See detail "A/S2" for nailing pattern.

Structural Steel:

1. Conform to latest edition of AISC "Specification for structural steel building" and AISC "Code of standard practice for steel buildings and bridges".
2. All structural steel shall be ASTM A36, (E= 29,000 ksi; $F_y = 50$ ksi)
3. Splicing prohibited without prior approval as to location and type.
4. Burning of holes in steel members is prohibited. Any member with burned holes must be replaced.

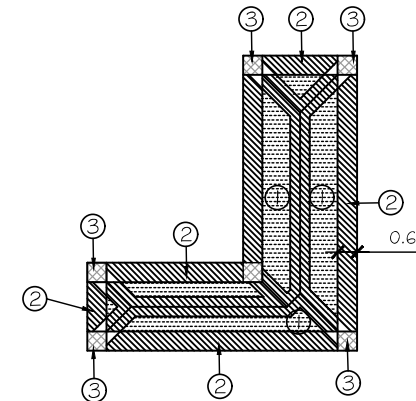
VERIFICATION OF FIELD CONDITIONS:

1. Contractor shall verify all field conditions and dimensions relative to same. Where there are conflicts between actual field conditions and data presented in the drawings, such conditions shall be called to the Architect's and or to the Engineer of Record's (EOR) attention and necessary adjustments made per their instructions.
2. General Contractor shall review and approve Shop Drawings before submitting to the Engineer, otherwise they will be rejected.
3. If there are any discrepancies between these Structural Notes and the Structural Details, the stricter of the two shall govern.

GENERAL NOTE:

Decks should be carefully designed to preserve the beauty of the home as seen from neighboring properties. Great care must be taken to aesthetically consider the underside and finish of decks and terraces. Where the vertical distance from the underside of a ground floor deck structure (along its perimeter edge) exceeds 24 inches above finished grade below, the deck edge must be skirted with wood lattice, siding or other finish to screen the cavity beneath the deck. The only exception is for decks overhanging living space below, where access and light must be preserved for those living areas. In these cases, great care must be taken to support the deck with elements of sufficient visual substance, so that they appear to be architecturally integrated with the residence itself.

COMPONENTS AND CLADDING ULTIMATE WIND PRESSURES



TRIBUTARY AREA	PRESSURES IN PSF.		
	INTERIOR (1)	PERIMETER (2)	CORNER (3)
$A \leq 20$	-78.7 +25.9	-114.8 +25.9	-114.8 +25.9
$20 < A \leq 50$	-78.7 +23.3	-99.2 +23.3	-99.2 +23.3
$50 < A \leq 100$	-47.9 +19.9	-78.7 +19.9	-78.7 +19.9
$100 < A$	-24.6 +17.4	-63.2 +17.4	-63.2 +17.4

REVISIONS:

WOOD DECK
2054 LAKE DRIVE, WINTER PARK, FL 32789



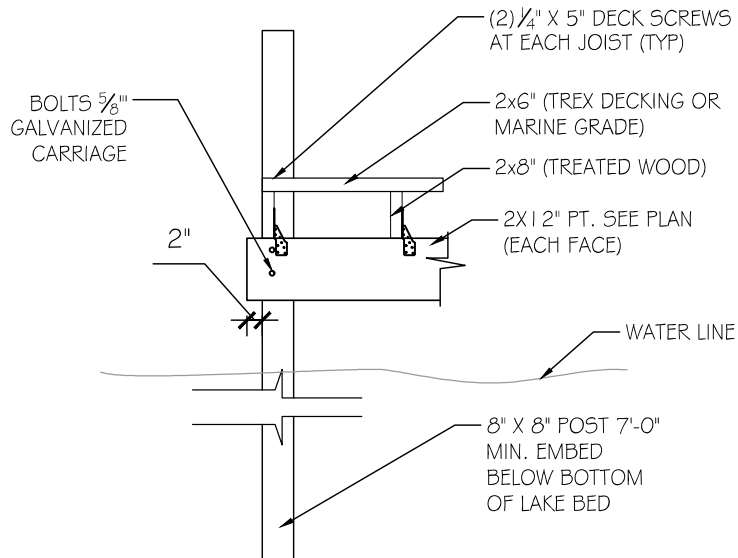
DATE: 03/17/23

SCALE: AS NOTED

DRAWN BY: AN

SHEET

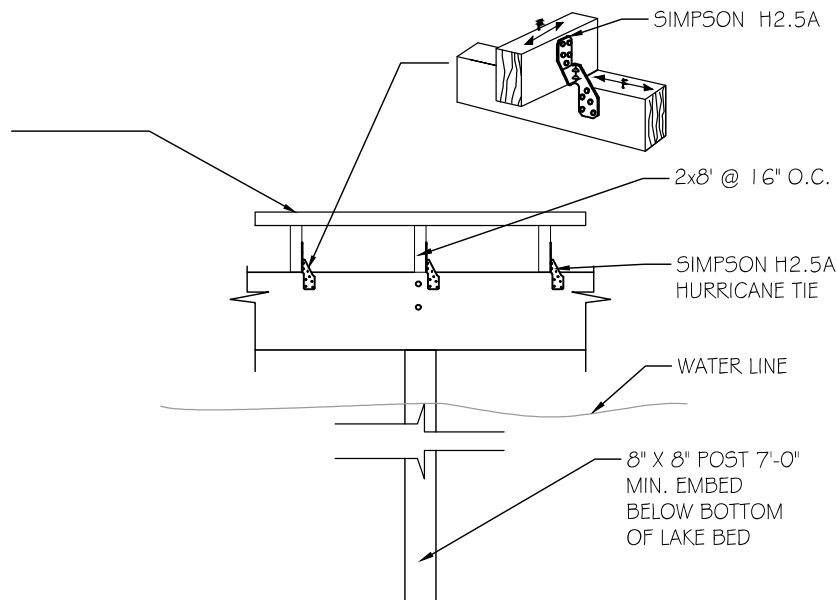
S0



1

DETAIL

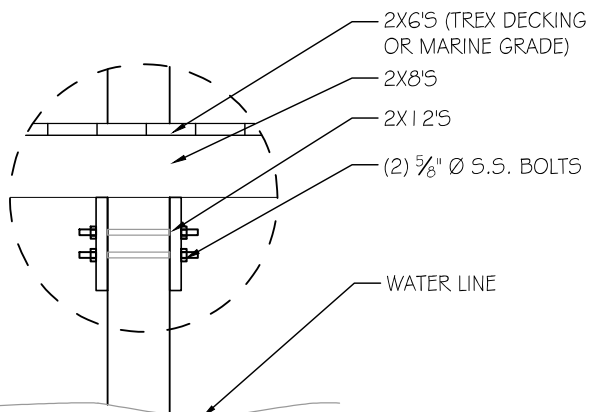
SCALE: 1-1/2" = 1'-0"



2

DETAIL

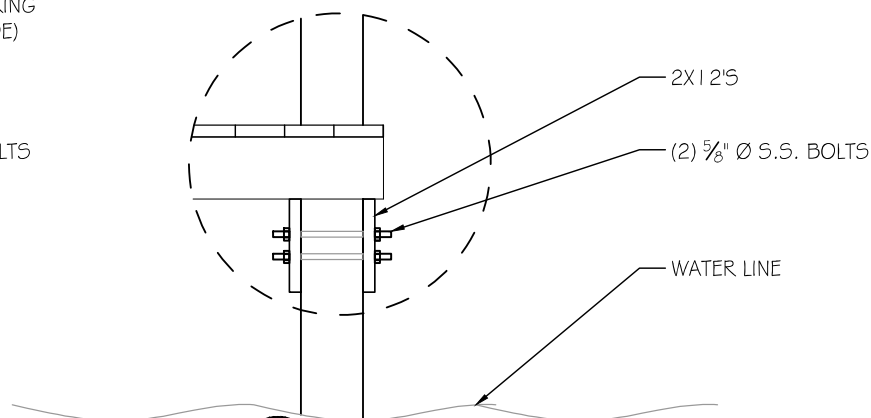
SCALE: 1" = 1'-0"



3

DETAIL

SCALE: 1-1/2" = 1'-0"



4

DETAIL

SCALE: 1-1/2" = 1'-0"

REVISIONS:

WOOD DECK
2054 LAKE DRIVE, WINTER PARK, FL 32789

HTEG
THOMPSON ENGINEERING GROUP, INC.
Michael A. Thompson
PE # 47509
4401 Vineland Road, Suite A6
Orlando, FL 32811
407-734-1450
www.tegll.com

DATE: 03/17/23

SCALE: AS NOTED

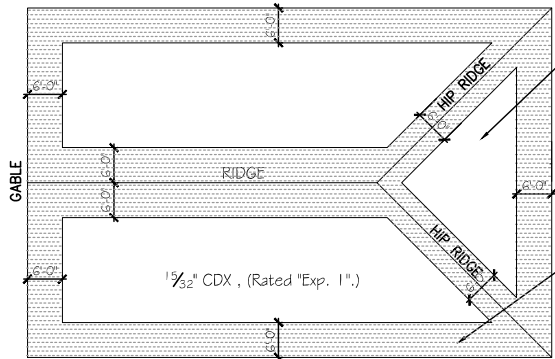
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SI

CONNECTOR SCHEDULE

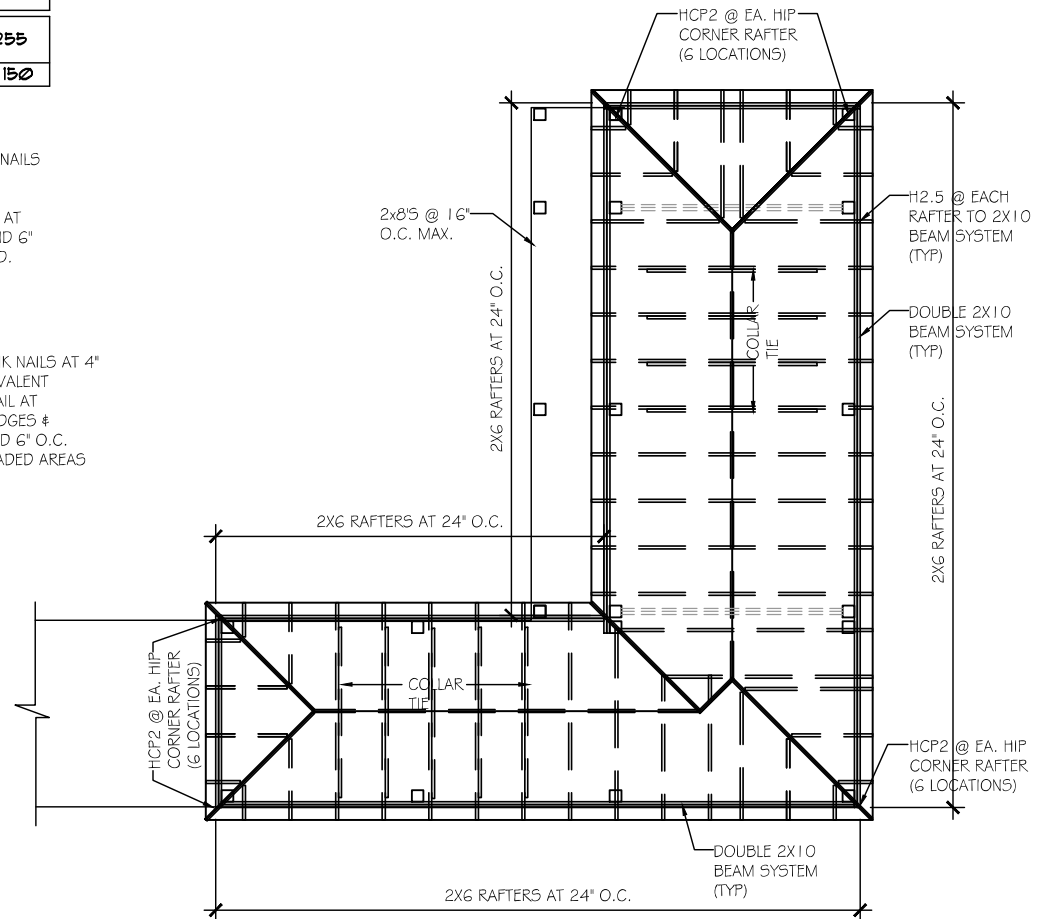
CONNECT. TYPE	SIMPSON		MAX. UPLIFT	LAT. LDB. FI / F2
	DESCRIPTION	FASTENERS PER CONNECTOR		
1	HCP2	RFT: (6) Ø.148 x 1 1/2	590	255/255
		PLT: (6) Ø.148 x 1 1/2		
2	H2.5	RFT: 5-8d / PLT: 5-8d	415	150 / 150



NOTE: IF A BLOCKED DIAPHRAGM ZONE IS CALLED FOR ON ROOF PLAN PROVIDE 2x4 BLOCKING @ ALL PLYWOOD PANEL EDGES & NAILS @ 4\" O.C. FOR BLOCKED DIAPHRAGM ZONE

A ROOF SHEATHING NAILING PATTERN

N.T.S.



ROOF FRAMING PLAN

SCALE: 3/16"=1'-0" (11X17)

REVISIONS:

WOOD DECK
2054 LAKE DRIVE, WINTER PARK, FL 32789

ITEG
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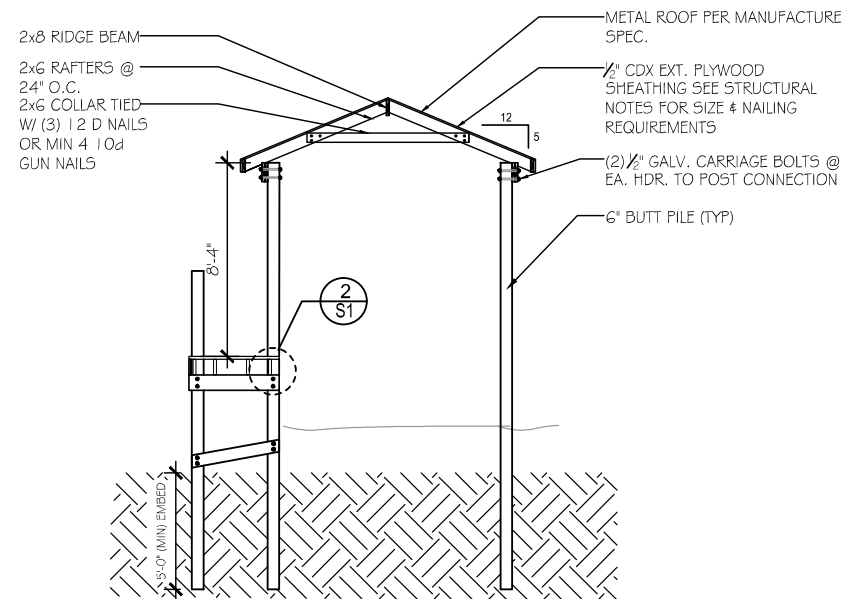
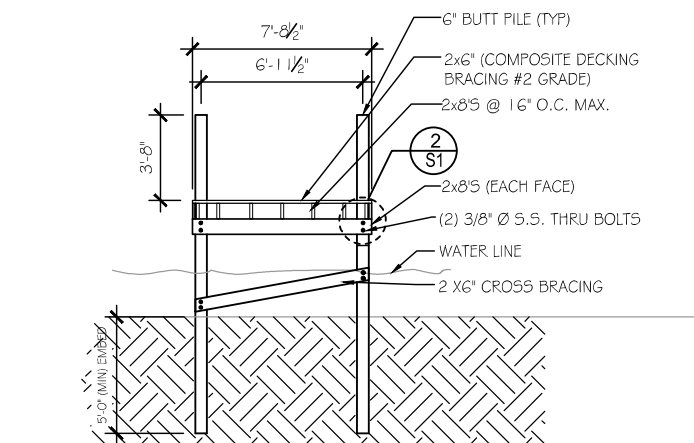
DATE: 03/17/23

SCALE: AS NOTED

DRAWN BY: AN

SHEET

S2



REVISIONS:

WOOD DECK
2054 LAKE DRIVE, WINTER PARK, FL 32789



DATE: 03/17/23

SCALE: AS NOTED

DRAWN BY: A.N

SHEET

S3

Property Record - 01-22-29-5224-00-411

Orange County Property Appraiser •
http://www.ocpafl.org

Property Summary

Property Name

2056 Lake Dr

Names

Wolf David

Municipality

WP - Winter Park

Property Use

0030 - Vacant Water

Mailing Address

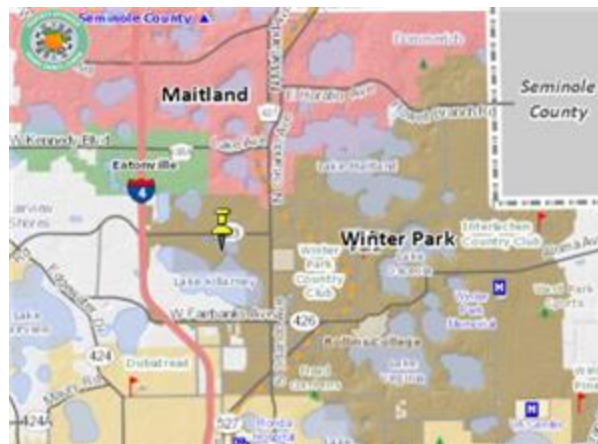
2054 Lake Dr
Winter Park, FL 32789-2838

Physical Address

2056 Lake Dr
Winter Park, FL 32789



QR Code For Mobile Phone



Value and Taxes

Historical Value and Tax Benefits

Tax Year Values		Land	Building(s)	Feature(s)	Market Value	Assessed Value
2023		\$575,000	+ \$0	+ \$0 = \$575,000 (0%)		\$575,000 (0%)
2022		\$575,000	+ \$0	+ \$0 = \$575,000 (15%)		\$575,000 (15%)
2021		\$500,000	+ \$0	+ \$0 = \$500,000		\$500,000

2023 Taxable Value and Estimate of Proposed Taxes

Taxing Authority	Assd Value	Exemption	Tax Value	Millage Rate	Taxes	%
Public Schools: By State Law (Rle)	\$575,000	\$0	\$575,000	3.1730 (-1.28%)	\$1,824.48	21 %
Public Schools: By Local Board	\$575,000	\$0	\$575,000	3.2480 (0.00%)	\$1,867.60	21 %
Orange County (General)	\$575,000	\$0	\$575,000	4.4347 (0.00%)	\$2,549.95	29 %
City Of Winter Park	\$575,000	\$0	\$575,000	4.0923 (0.00%)	\$2,353.07	27 %
City Of Winter Park Debt 2017 & 2020	\$575,000	\$0	\$575,000	0.2379 (-10.12%)	\$136.79	2 %
St Johns Water Management District	\$575,000	\$0	\$575,000	0.1793 (-9.17%)	\$103.10	1 %
				15.3652	\$8,834.99	

2023 Non-Ad Valorem Assessments

Levying Authority	Assessment Description	Units	Rate	Assessment
There are no Non-Ad Valorem Assessments				

Property Features

Property Description

LORDS SUB P/89 PORTION OF LOT 4 & PORTION OF NW1/4 OF SW1/4 OF SEC 1-22-29 DESC AS BEG AT NE COR OF NW1/4 OF SW1/4 OF SEC 1-22-29 ALSO BEING NW COR OF LOT 4 TH EAST 29.16 FT TH S0-6-38W 336.45 FT TH S54-45-4W 68.1 FT TO A POINT ON A CURVE CONCAVE SELY HAVING A RADIUS OF 33.1 FT TH SWLY ALONG CURVE THROUGH A CENTRAL ANGLE OF 99-10-31 OVER AN ARC DISTANCE OF 57.31 FT TO END OF CURVE THE CHORD BRG S64-41-41W A DISTANCE OF 50.42 FT TH S51-38-2W 21.01 FT TH N6-18-0W 98.84 FT TH NORTH 312.09 FT TH EAST 100 FT TO POB (LESS & COMM AT NE CORN OF THE NW 1/4 OF SW 1/4 SEC 1 TH N89-35-56W 81.26 FT TH S1-34-50E 133.77 FT TO POB TH S73-54-14E 38.78 FT TH S1-28-12E 43.89 FT TH S22-1-53W 45.37 FT TH S1-28-12E 68.35 FT TH S26-58-37E 62 FT TO POC CONCAV SELY HAV RAD 33.11 FT & CENTRAL ANGLE 99-10-31 TH SWLY ALONG CURV 28.82 FT TH S50-3-33W 21.01 FT TH N7-52-50W 98.84 FT TH N1-34-50W 157.7 FT TO POB) AND BEG AT NE COR OF NW1/4 OF SW1/4 OF SEC 01-22-29 BEING SW COR OF LOT 1 TH N0-6-50E 23.45 FT TH N88-25-10E 47.25 FT TH S1-28-12E 25.09 FT TH N89-35-55W 47.93 FT TO POB

Total Land Area

39,245 sqft (+/-) | 0.90 acres (+/-) GIS Calculated

Land

Land Use Code	Zoning	Land Units	Unit Price	Land Value	Class Unit Price	Class Value
0030 - Vacant Water	R-1A	1 LOT(S)	\$575,000.00	\$575,000	\$0.00	\$575,000

Buildings

Extra Features

Description	Date Built	Units	Unit Price	XFOB Value
There are no extra features associated with this parcel				

Sales

Sales History

Sale Date	Sale Amount	Instrument #	Book/Page Deed Code	Seller(s)	Buyer(s)	Vac/Imp
01/20/2022	\$100	20220220192 /	Quitclaim Deed	Bc Killarney LLC	Wolf David	Vacant
08/17/2021	\$650,000	20210524769 /	Special Warranty	Black Margaret A Life Estate Rem: Amy M Black Rem: Ronald W Black Jr	Wolf David	Vacant



Lake Killarney Board

agenda item

item type

Public Hearings (Public participation and comment on these matters must be in person.)

meeting date

October 4, 2023

prepared by

Victoria Tabor, Administrative Coordinator II

approved by

Victoria Tabor, Administrative Coordinator II

subject

Boathouse/Dock Application (BLDR-2023-0822) 455 Lakefront Blvd.

motion | recommendation**background****strategic objectives****alternatives | other considerations****fiscal impact****attachments**

1. BLDR-2023-0822 - 455 Lake Front



LAKE SHORELINE BOATHOUSE/DOCK APPLICATIONS

BLDR-2023-0822

455 Lake Front BLVD

- Applicant: Sheila Cichra
- Owner: Anthony Filardo
- Contractor: Robert Brunch / American Boathouse Company
- Structure: Boathouse and Dock
- New/Existing: New
- Waterbody: Killarney

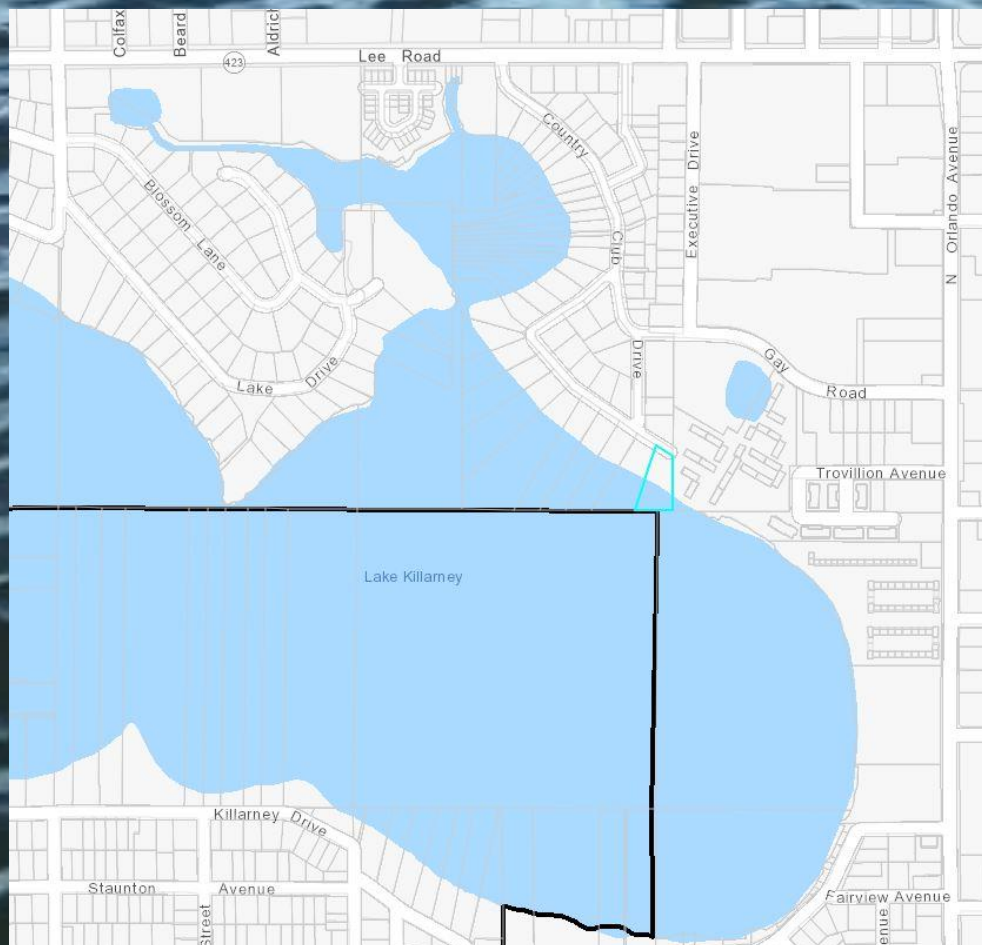
Parameters

Dock Parameter	Proposed	Allowed	Variance Req.?
Total Area (ft ²) OHWL	600	600 max	No
Length from OHWL (ft)	42'	50'	No
Height of Roof (ft above deck)	11'	11 max	No
Height of Deck (ft above OHWL)	1.5'	2 max	No
Enclosures?	No	80 ft ² max (no plumbing/water allowed)	No
Side Yard Setback(s) (ft)	15'	10 min	No
Meet Vegetation Criteria?	No	50% may be cleared	No

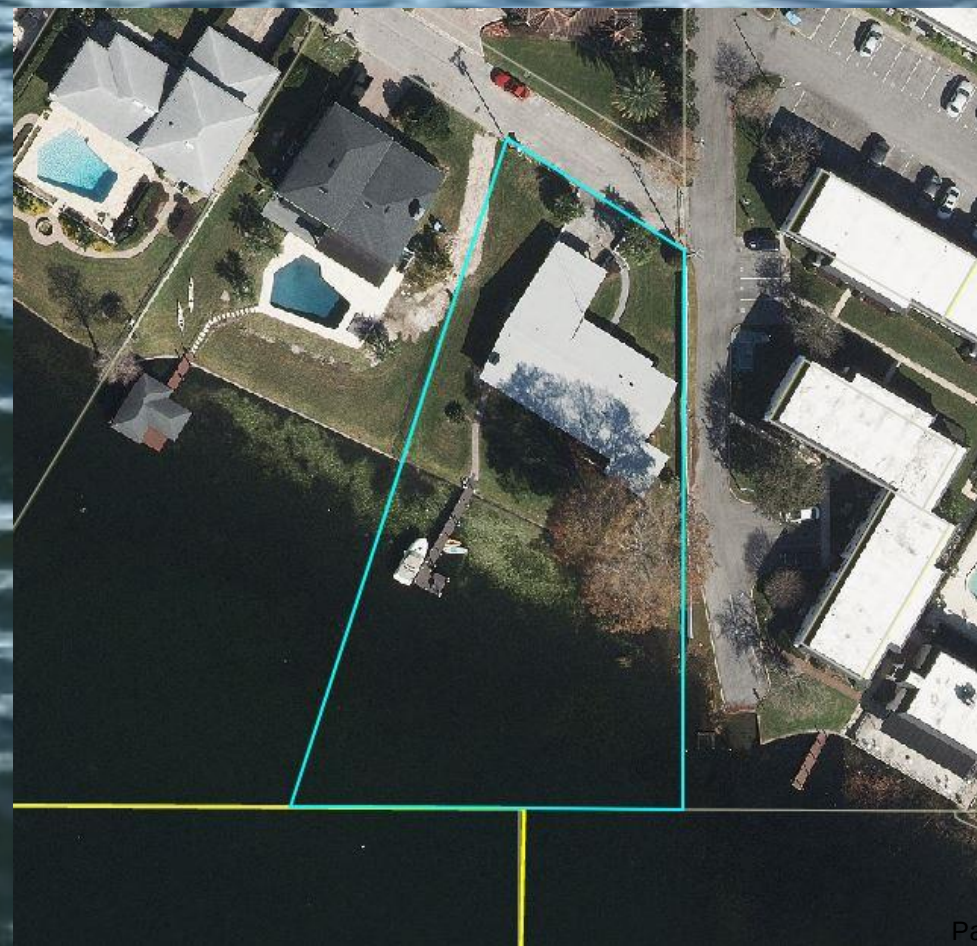
Staff Recommendation: Approval
Reviewed by: Joey Cordell

Map View

Basemap



Aerial View



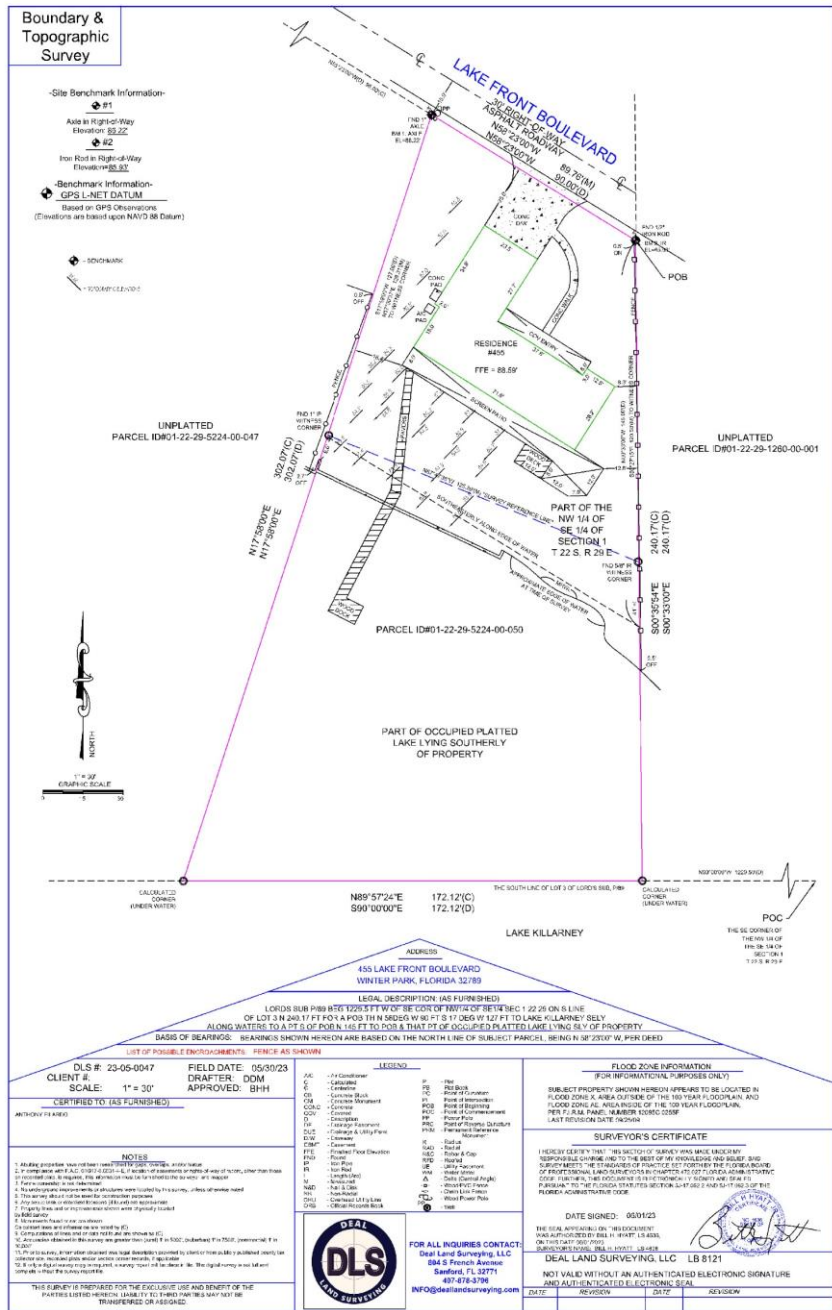
Photos



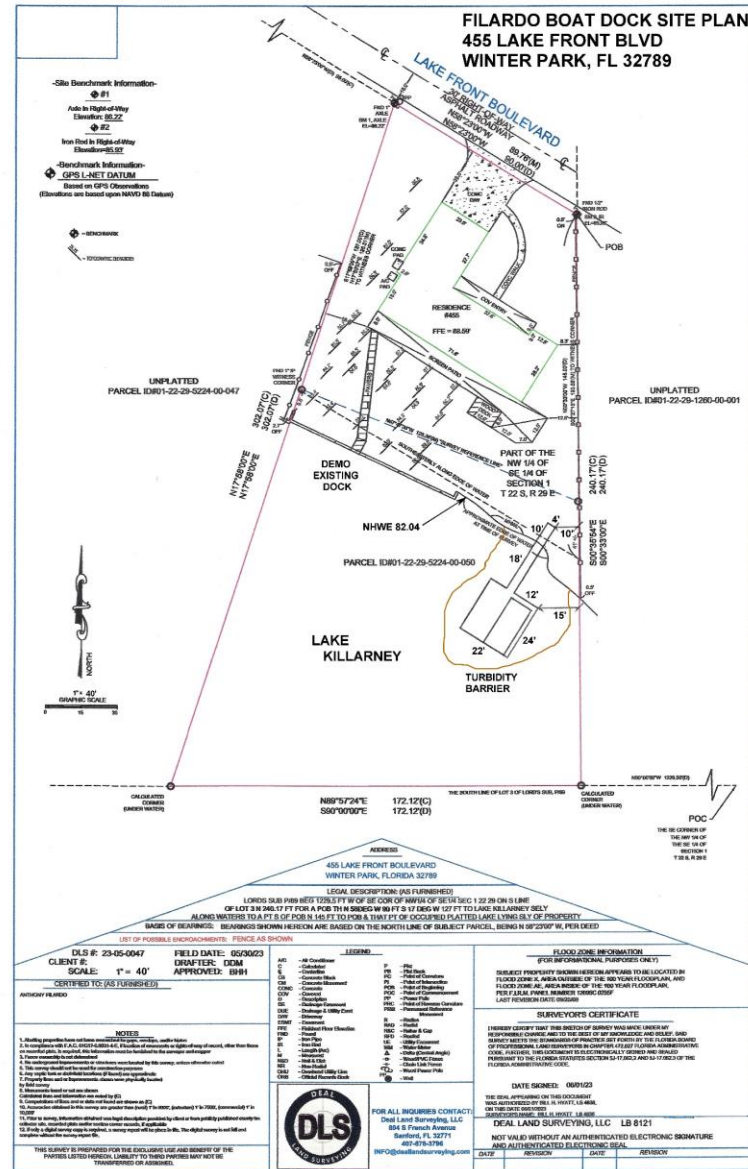
Photos



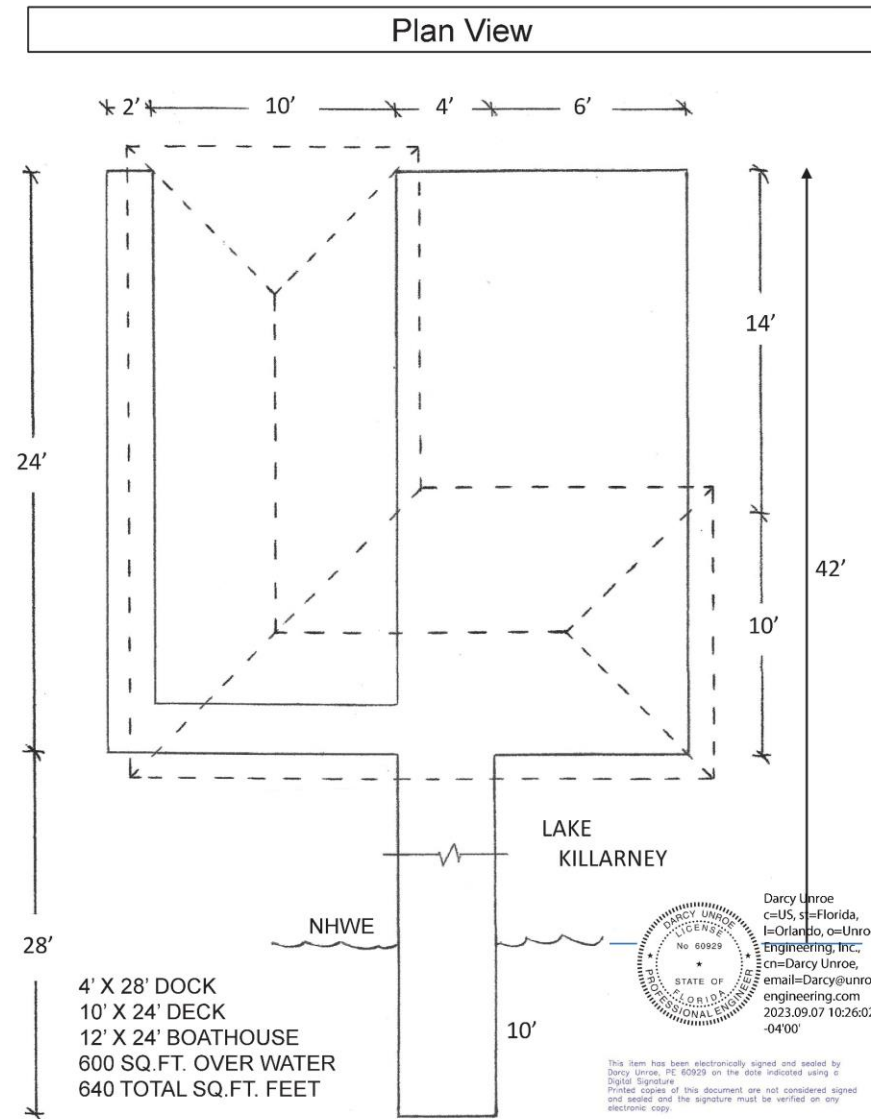
Survey



Plans



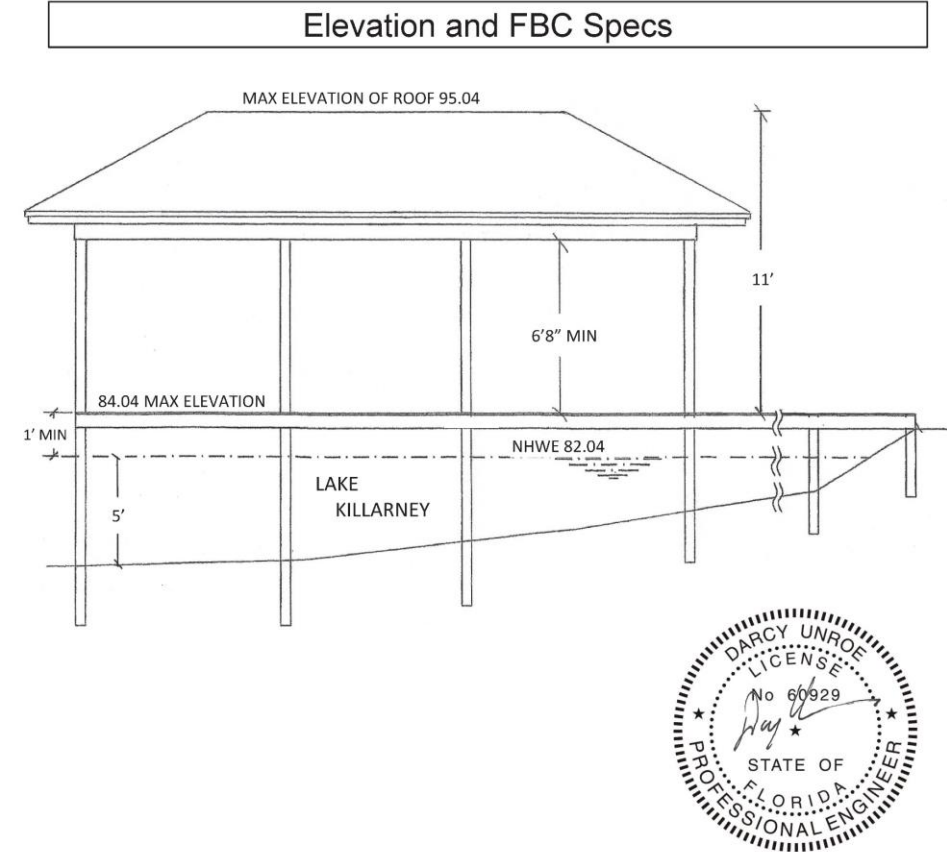
Plans



Filardo

455 Lake Front Blvd, Winter Park

Plans

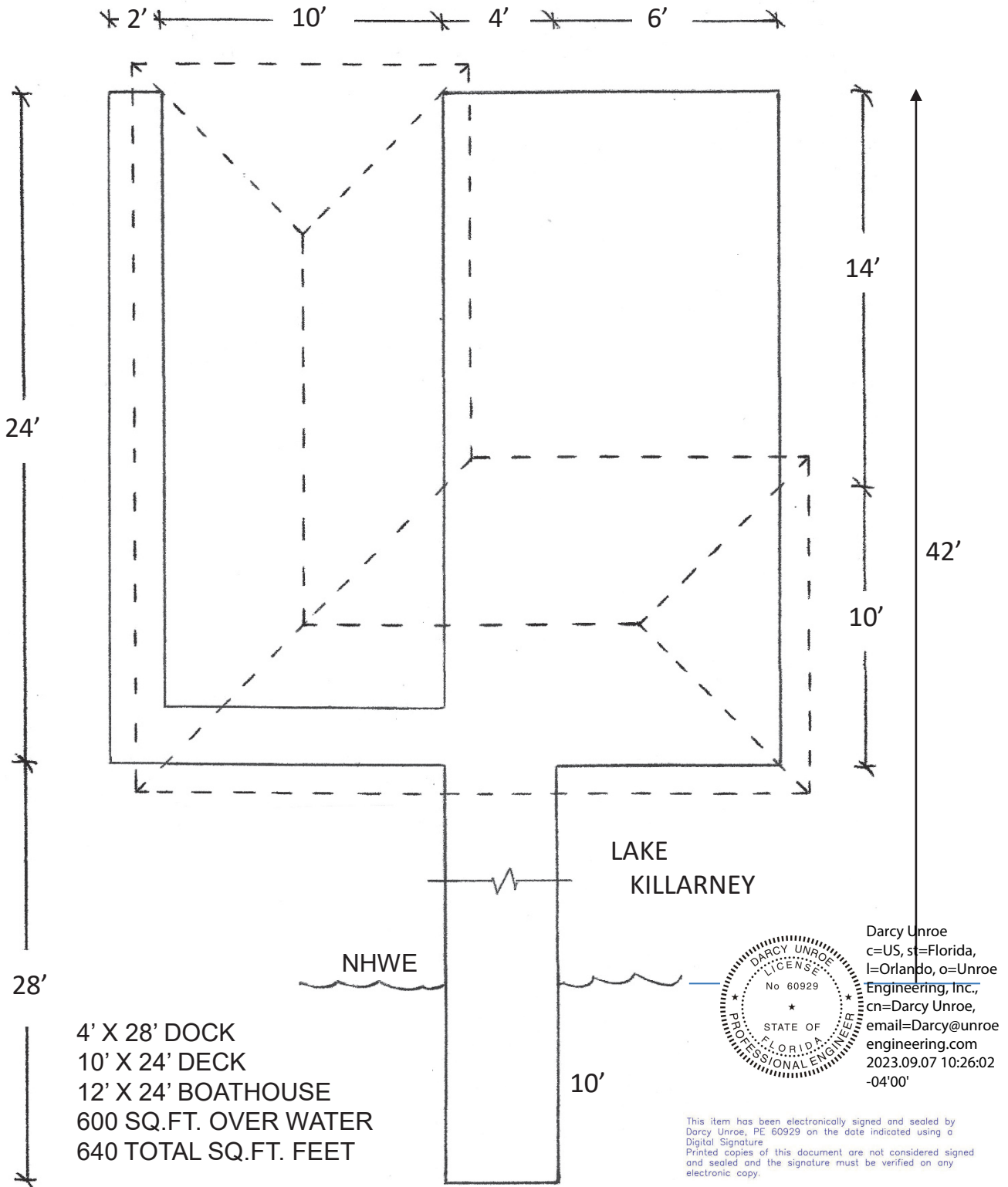


THIS STRUCTURE HAS BEEN DESIGNED TO MEET THE 2020 FLORIDA BUILDING CODE, 7TH EDITION AND ASCE 7- 16 AND 2017 NATIONAL ELECTRIC CODE.

1. BASIC WIND SPEED (V_{asd}) = 108 MPH, ULTIMATE WIND SPEED (V_{ult}) = 140 MPH
2. IMPORTANCE FACTOR: $I = 1.0$
3. WIND EXPOSURE = CATEGORY D
4. OPEN STRUCTURE WITH A ZERO PRESSURE COEFFICIENT

Filardo 455 Lake Front Blvd, Winter Park

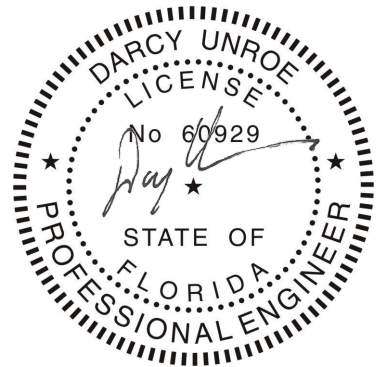
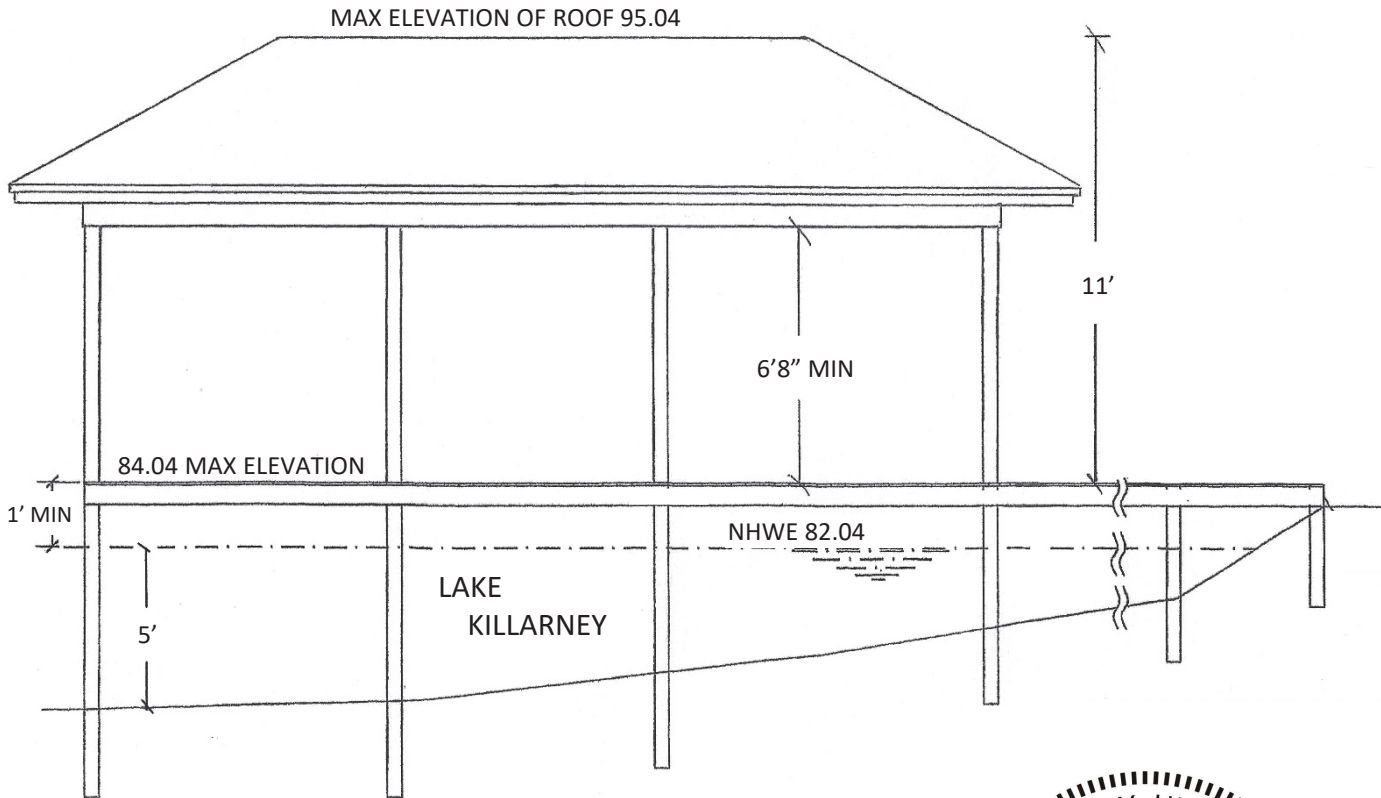
Plan View



Filardo

455 Lake Front Blvd, Winter Park

Elevation and FBC Specs



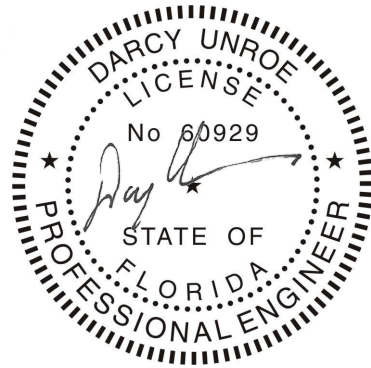
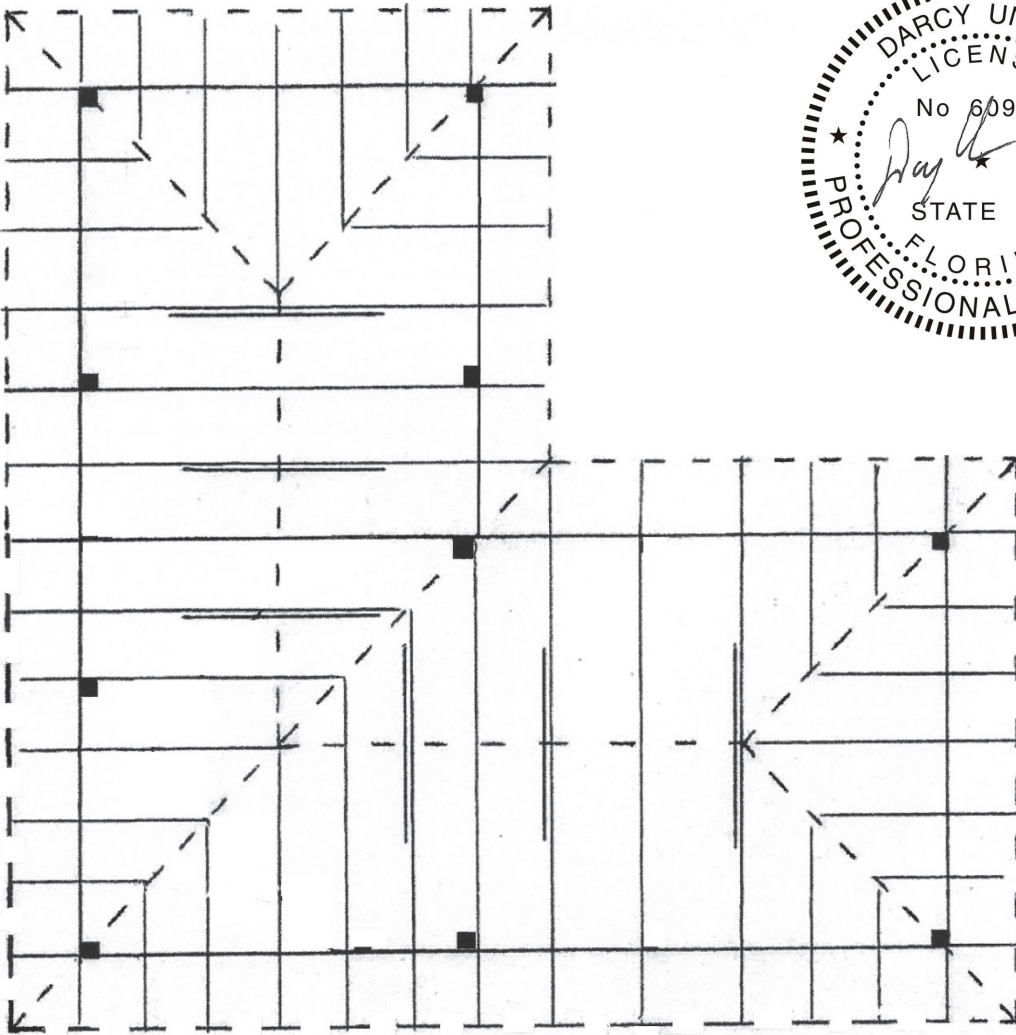
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- 1. BASIC WIND SPEED (V_{asd}) = 108 MPH, ULTIMATE WIND SPEED (V_{ult}) = 140 MPH**
- 2. IMPORTANCE FACTOR: $I = 1.0$**
- 3. WIND EXPOSURE = CATEGORY D**
- 4. OPEN STRUCTURE WITH A ZERO PRESSURE COEFFICIENT**

Filardo

455 Lake Front Blvd, Winter Park

Roof Framing



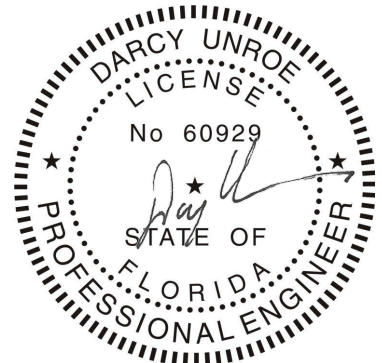
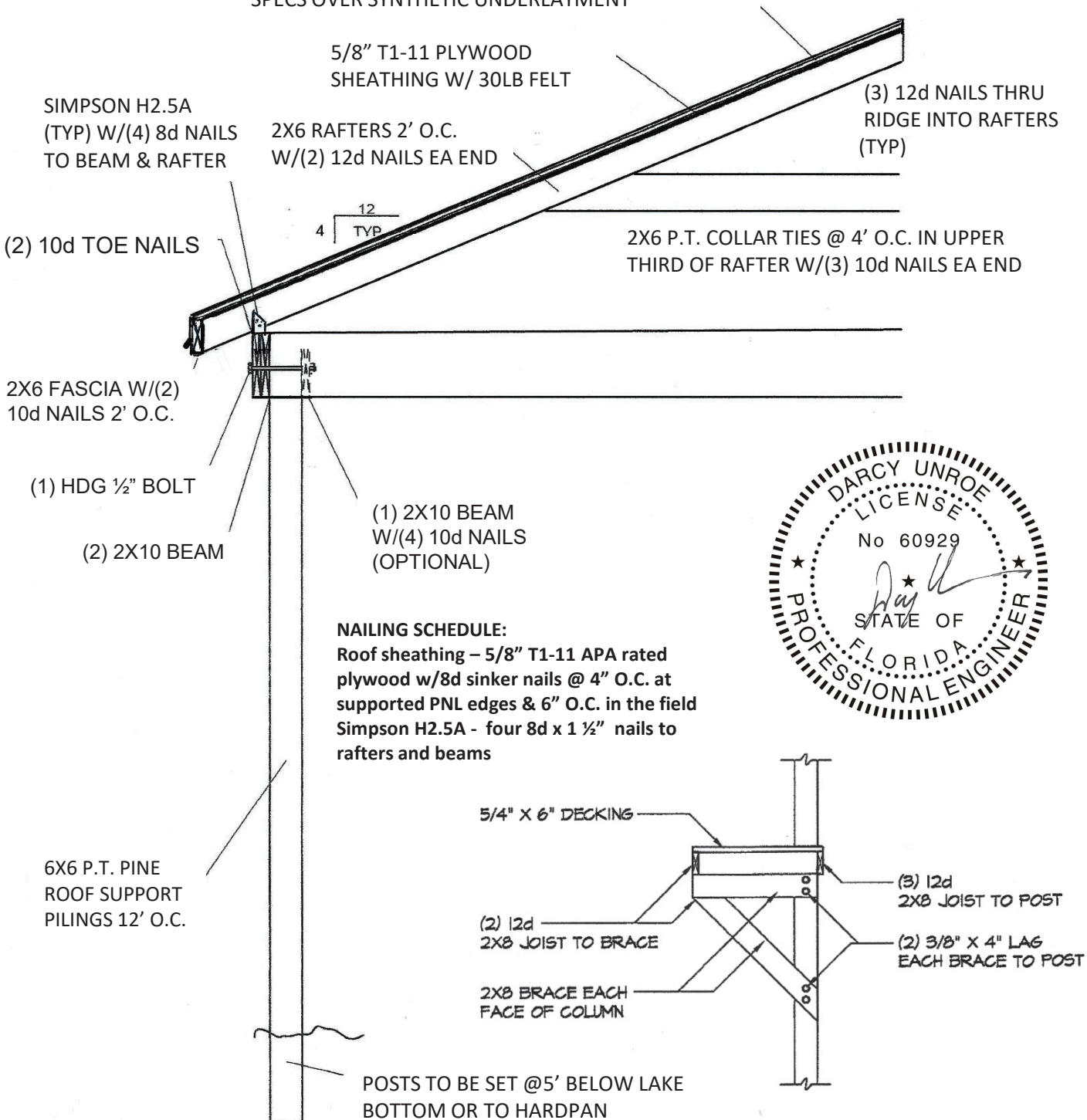
2 X 6 RAFTERS 2' O.C. W/(3) 10d TOE NAILS TO HIPS AND RIDGE
2 X 6 COLLAR TIES 4' O.C. W/(4) 10d NAILS EACH END
2 X 8 HIPS, VALLEYS & RIDGE W/(4) 10d TOE NAILS EA END
2 X 6 FASCIA W/(2) 10d NAILS TO RAFTERS
(2) 2 X 10 PERIMETER BEAM W/(1) 1/2" HDG THRU BOLT
6 X 6 ROOF SUPPORT PILINGS 12' O.C. MAX
FLASHING WILL BE INSTALLED IN THE VALLEYS

Filardo

455 Lake Front Blvd, Winter Park

Roof Cross Section & Catwalk Detail

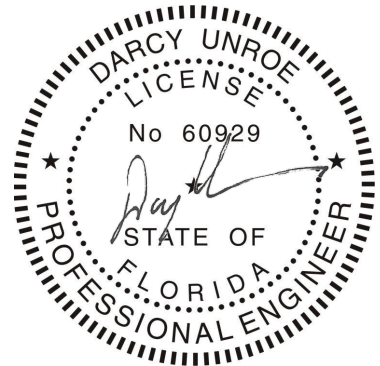
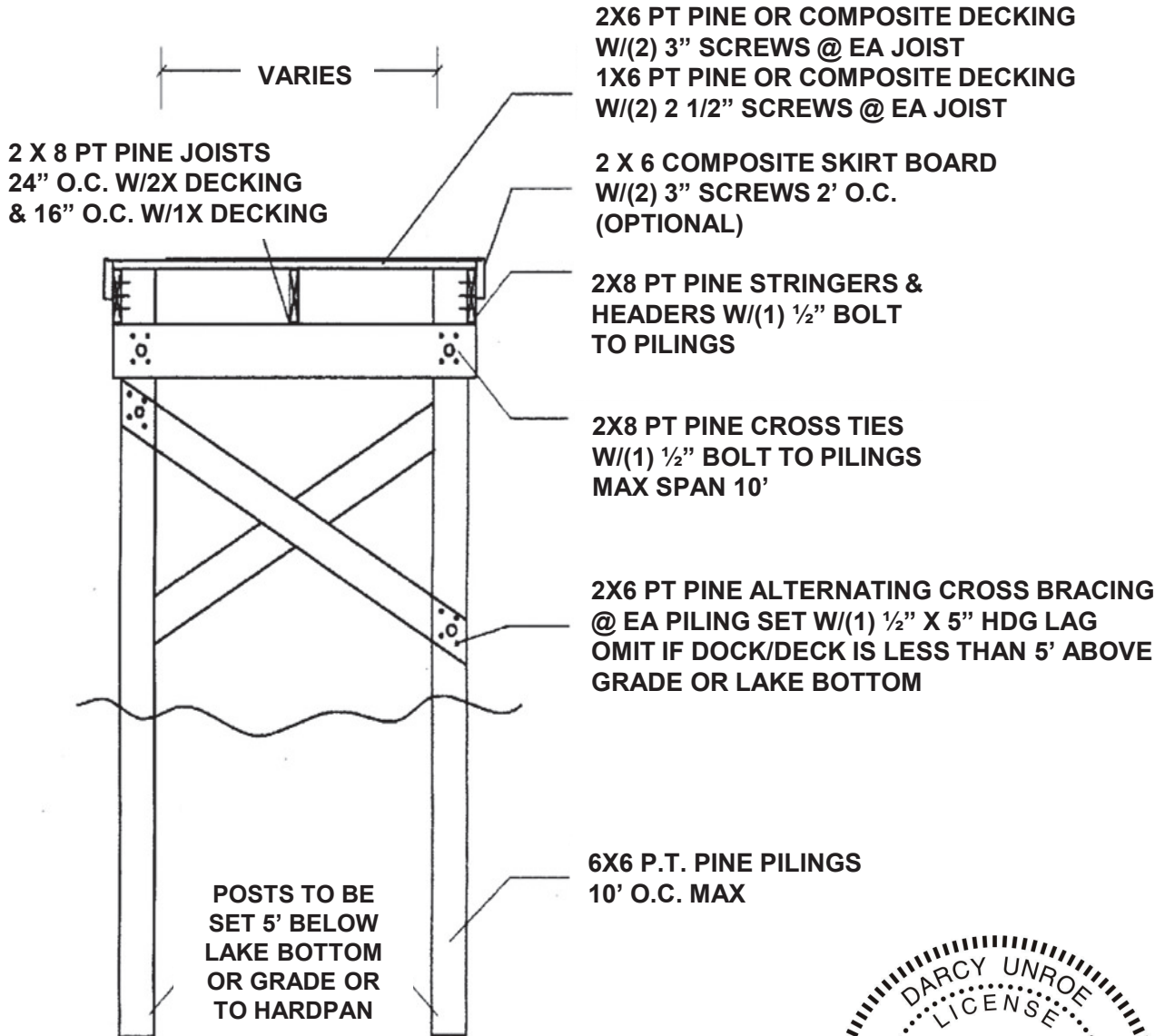
METAL ROOFING INSTALLED PER MANUFACTURER'S
SPECS OVER SYNTHETIC UNDERLAYMENT



Filardo

455 Lake Front Blvd, Winter Park

Dock/Deck Cross Section



Filardo

455 Lake Front Blvd, Winter Park

Design Standards

The following are general design standards. More stringent design standards may be noted on the plans.

General Requirements:

Reproductions of contract drawings by contractor in lieu of preparation of shop drawings signifies acceptance of information shown as correct and obligates himself to any expense, real or implied, arising from their use. A change to the structural drawings due to the acceptance of alternates and/or substitutes is the responsibility of the contractor and must be submitted to the engineer for approval. The general contractor and each subcontractor shall verify all existing conditions prior to the start of any work. All inconsistencies shall be reported to the designer and/or structural engineer, if needed. Should contractor construct the premises in a fashion not consistent with the plans prepared by the designer and/or structural engineer, or in any fashion, change the plans and drawing without the review and approval from the designer and/or structural engineer. Then designer and/or structural engineer shall bear no responsibility or liability for the construction of premises and accuracy of the drawings.

Structural Aluminum:

Conform to latest edition of Aluminum Association of Florida standard practice for aluminum design. All aluminum shall be 6061-T6 (E= 10,000 ksi; Fy = 35 ksi)

Timber :

Design in accordance with the National Design specification for wood construction. All graded structural lumber shall be pressure treated and meet the following minimum requirements:

Minimum bending stress = 1250 psi

Young Modulus = 1,600 ksi

Maximum of 15% moisture content

Contractor to use - Southern Yellow Pine No. 2, U.N.O.

Lumber sizes shown are nominal sizes. Lumber shall be furnished in finished sizes meeting the requirement of the American Softwood Lumber Standard.

Galvanized Bolts:

All bolts shall be galvanized be ASTM A36, threaded round stock with a minimum yield stress of 36,000 psi.

Design Loads:

Pursuant to Chapter 16 –Table 1607.1

Deck Live Load: 60 psf

Deck Dead Load: 10 psf

Roof Live Load: 20 psf

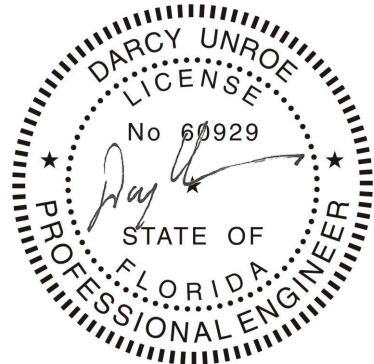
Handrail / Guardrails Post: 200 lbs acting horizontally on top of the Post, 42" A.F.F.

Guardrails and handrails : 50 plf at top rail

Guardrail in fill components: 50 psf

Stair L.L. : 100 psf

Components and cladding, design wind pressures + 38psf / -38psf



Filardo

455 Lake Front Blvd, Winter Park



Lake Killarney Board

agenda item

item type

Action Items

meeting date

October 4, 2023

prepared by

Victoria Tabor, Administrative Coordinator II

approved by

Victoria Tabor, Administrative Coordinator II

subject

Flood Management Guide

motion | recommendation**background****strategic objectives****alternatives | other considerations****fiscal impact****attachments**

1. FLOOD MGMT 3.0

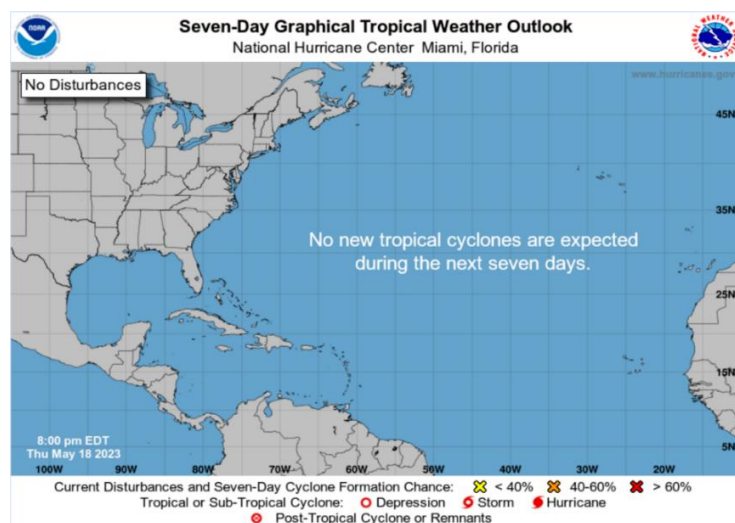


CITY OF WINTER PARK FLOOD MANAGEMENT GUIDE

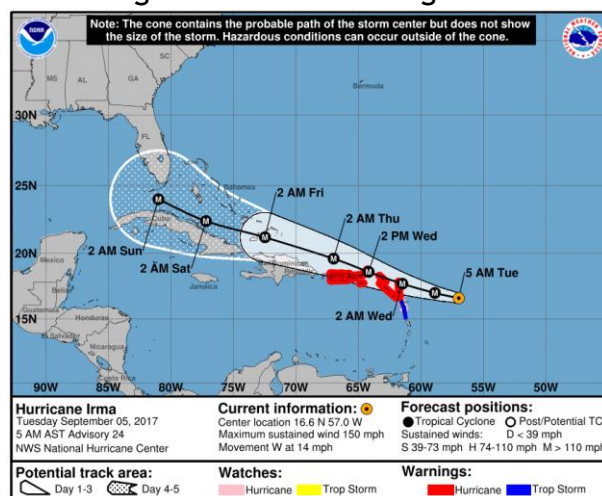
In May of 2023, the National Hurricane Center (NHC) changed its Tropical Weather Outlook notification from five-days to seven-days. The NHC extended the outlook due to technological advancements with satellites and modeling stating that seven-day forecasts are just as reliable as the five-day forecasts.

With this technological development, daily active management of lake levels within the City of Winter Park will occur upon issuance by the National Hurricane Center (NHC) that tropical activity has been identified for the new Seven-Day Outlook. Protocols and procedures will further be enacted when the NHC's projected cone touches the Central Florida Region [as defined below](#), whereby the active management of lowering lake levels will occur according to the specifics found within this guide. In addition, annual notification to the Florida Department of Environmental Protection (FDEP), in writing, is required for implementing drain well activities. City Manager has authority to override flood management policy if circumstances dictate doing so. Any such override, including the reasoning, shall be documented in writing.

Seven-Day Outlook:



Example of Storm Cone, Containing Path Activating Central Florida Region:



Central Florida Region Defined:



The Central [Florida Region](#) includes the Orlando metropolitan area (Orange, Lake, Osceola, and Seminole Counties), and Sumter, Polk counties in the interior, Citrus, Hernando, Hillsborough, Pasco, and Pinellas counties on the west coast and Volusia and Brevard Counties on the east coast.

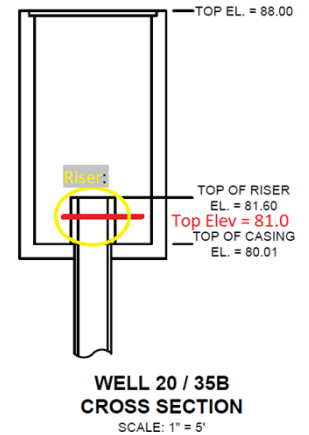
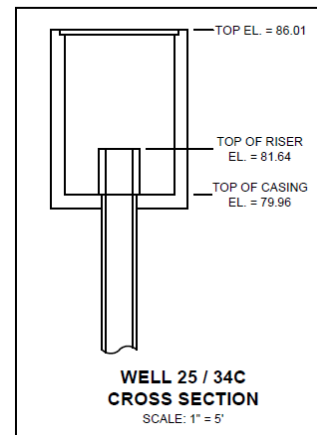
Active Lake Level Alteration Activities- City Wide Specifics

- Remove the six risers from the drain wells on Lake Killarney
- Open valve to the MLK Pond drain well
- Remove top weir board on Lake Bell
- Open gate on the Winter Park Racquet Club Pond outfall
- Check valves (2) are operational at WP18 golf course
- Remove all retractable grass carp fence barriers
- Inspect all drain well intakes maintaining free and clear of debris
- Issue lake closure protocol for the Chain of Lakes at elevation of 66.1 ft.

Active Management of Lake Levels- Lakes Killarney and Lake Bell Interim Plan

1. City will monitor lake elevation levels on Lake Killarney and Lake Bell on a daily basis, during hurricane season, June 1st to November 30th, via Smart Technology utilizing telemetry elevation gauges. These gauges can be accessed remotely and provide an alert notification should the elevation stage higher than desired due to an intermittent storm. Staff will not solely rely on the device but will routinely inspect and log field data.
2. During hurricane season, June 1st to November 30th, the top weir board for Lake Bell will be removed and be replaced after hurricane season. Desired lake elevation management requires analysis through a basin drainage study.
3. ~~During August 1st to November 1st, Lake Killarney will be maintained at 81 ft. as shown in drain well specification below. This requires new set of risers to be installed for this period and is contingent upon approval by Florida Department of Environmental Protection (FDEP).~~
4. Removal of the six drain well risers will be enacted when the NHC projected storm cone touches the Central Florida Region (defined above). If the approaching storm turns, the risers will be reinstalled as soon as the storm threat is over.
5. City will maintain and clean drain well intakes, collection boxes and traps, and manage street cleaning services especially during hurricane season.
6. A secured email will be provided to the Lake Killarney Board to report **non-emergency** related activities. Otherwise, follow standard emergency response by dialing 911.

Lake Killarney Drain Well Specifications:



- Without risers on the drain wells, Lake Killarney lowers 0.1-0.2 ft per day.
- The top of each riser is on average 81.66 ft, the top of each drain well casing is on average 80.0 ft, the weir to Lake Gem discharges at 82.7 ft.
- ~~The demarcation in red depicts modification to the risers in order to maintain lake elevation at 81.0 ft. and requires FDEP approval.~~



NATURAL RESOURCES & SUSTAINABILITY DEPARTMENT CHECKLIST

During National Hurricane Season, June 1st to November 30th, the Lake Bell top weir board will be removed.

During August 1st to November 1st, Lake Killarney will be maintained at 81 ft. via newly designed risers.

168 hours (7 days) prior to storm at any time of the year

- ☐ Monitor storm models via National Hurricane Center's (NHC) Seven-Day Tropical Weather Outlook.
- ☐ Refer to established protocol under City of Winter Park's Flood Management Guide.
 - ☐ Lower lake elevations, where permissible.
 - ☐ Lake Killarney's six drain well risers and Lake Bell top weir board will all be removed in advance whereby the track issued by the National Hurricane Center cone touches the Central Florida region and replace when storm is no longer a threat.

120 hours (5 days) prior to storm

- ☐ Monitor storm models.
- ☐ Provide staff with tracking sheets for manpower hours and equipment usage for Federal Emergency Management Agency (FEMA) records.
- ☐ Notify laboratory of potential lake sample submittals. Coordinate with water & wastewater laboratory manager.
- ☐ Inspect control and outflow structures located on the lakes, including leaf trap devices; maintain free and clear of debris.

72 hours (3 days) prior to storm

- ❑ Inspect all weirs and grass carp barriers including the ones located downstream of lakes Bell, Killarney, Berry and Maitland; maintain free and clear of debris.
- ❑ Inspect culvert box under bridges at Temple, Sterling and Pennsylvania to ensure free and clear of debris.
- ❑ Inspect drain well intake structures on Lake Killarney and all land locked lakes (Knowles, Spier, Forest, Midget, as well as the Seminole County drain well on N. Lakemont Avenue); maintain free and clear of debris.
- ❑ Inspect canals within the Chain of Lakes and Howell Creek, upstream of Lake Virginia, and downstream of the Howell Branch weir.
- ❑ Coordinate solid waste services messaging with Communications Department and Assistant City Manager.
- ❑ Coordinate with Urban Forestry on contracted vendor for felled tree services in creeks/conveyances.

48 hours (2 days) prior to storm

- ❑ Meet with staff to go over responsibilities and verify contact information.
- ❑ Prioritize every day departmental functions.
- ❑ Remove MLK, Jr. Park drain well and Winter Park Racquet Club pond outfall board.
- ❑ Prepare and secure equipment and PPE:
 - ❑ All boats, vehicles, and gas cans filled
 - ❑ Clean and remove all debris from work vehicles
 - ❑ Clamshell ready and operational
 - ❑ Secure barges at Kraft Gardens
 - ❑ Move all Lakes Division supplies into boathouse or break room area (buoys, etc.)
 - ❑ Test all chainsaws and make sure that PPE is in good condition
 - ❑ Each driver with PPE in work vehicle

24 hours (1 day) prior to storm

- ❑ Remove retractable grass carp barriers at lakes Bell and Berry.
- ❑ Meet with staff to go over final details data assessment.
- ❑ Prioritize every day departmental functions.

During the storm

- ❑ Natural Resources & Sustainability is not classified as a first responder and does not have a role at EOC. Staff to remain in a safe location.
- ❑ All Lakes Division staff and department director will commence damage assessment when deemed safe. Office staff to service phone lines and emails. Sustainability Division staff to service phone lines and emails, assisting in solid waste communications or be assigned as required.
- ❑ Establish communication with damage assessment team with deployment time and locations.

Immediately after the storm when conditions are safe

- ❑ Damage assessment team deployed to inspect all conveyances, outfalls, weirs, drain wells and high-risk areas (i.e. Special Flood Hazard Area- SFHA). Clear immediate hazards.
- ❑ Collector app utilized to document environmental damages. Include photos.
- ❑ Track manpower hours and equipment usage for FEMA records.
- ❑ Implement lake closures: Chain of Lake elevation closure at >66.1 ft (NAVD 88).
- ❑ Monitor and record lake elevations. Report anomalies to Public Works Department.

Days/weeks after the storm

- ❑ Post-storm environmental/water quality monitoring including environmental assets.
- ❑ Report damage assessment for state assistance and grant submittals; such as Natural Resources Conservation Service (NRCS).
- ❑ Grass carp barriers re-installed when conditions are favorable.
- ❑ Coordinate teams with Urban Forestry to recover fallen trees in waterways noted in damage assessments.
- ❑ Perform continual monitoring and messaging related to lake hazards:
 - ❑ Recreational use of lakes will be allowed once it is determined that safe boating activities can resume without potential damage to private property or the danger of colliding with submerged storm debris.
- ❑ Effective communications with lake patrons, both residential and commercial, related to lake closures; dock safety warnings with submerged electrical components; submerged hazards warning; and lake contamination warnings.
- ❑ Perform continual monitoring and messaging related to lake elevations-reinstate drain wells and weir closures, when appropriate.
- ❑ Refer to established policy: Flood Management Guide.



PUBLIC WORKS DEPARTMENT STREETS DIVISION CHECKLIST

Off season preparations

- Conduct quarterly meetings with directors, supervisors, crew chiefs, and all staff to review the following:
 - Written hurricane preparedness procedures and where to locate the document.
 - Team members list including updated phone numbers to be activated during Emergency Operations Center (EOC) operations. There must be two separate teams listed for relief following the initial 24-hour period.
 - Equipment list to be used during EOC operation. Equipment list to include but limited to trucks, loaders, generators, barricades and sand bagger.
 - Coordinate with the city's procurement division to secure vendors for additional bypass pumps, vacuum trucks, loaders and generators on an as-needed basis.
- Be sure to have all proper and updated forms for reporting staff's storm response activities.
 - All streets infrastructure to be inspected and maintained on predetermined schedules. The following items must be maintained year-round in proper functioning condition.
 - Storm sewer inlets, pipes, treatment structures, and outfalls
 - Traffic signals and signs
 - Street sweeping

168 hours (7 days) prior to storm

- Monitor storm models via National Hurricane Center's (NHC) Seven-Day Tropical Weather Outlook.
- Refer to established protocol under City of Winter Park's Flood Management Guide.
 - Lower lake elevations, where permissible.
 - Lake Killarney drain well riser and Lake Bell top weir board will be removed in advance whereby the track issued by the National Hurricane Center cone touches the Central Florida region and replace when storm is no longer a threat.

72 hours to 48 hours (3-2 days) prior to storm

- Test all equipment for proper working order.
 - Make sure all equipment gas tanks are filled and batteries are charged.
 - Generators used for supplying power to traffic signals to be tested and filled with gas.
 - Have additional gas cans filled.
- Prepare sandbagging operations site.
 - Decide with city management on an appropriate location and coordinate with the Communication Department to prepare a map, distribution schedules and notifications.
 - Mobilize sand, bags and equipment to the location.
 - Each household will be provided eight bags with proper proof of residency unless otherwise directed by city management.
 - Prepare coordination with the police department for ID verification and traffic control.
- Increase levels of storm sewer cleaning and street sweeping operations.
- Verify schedules for both teams to begin the overnight and relief shifts.
- Hold a procedure and general safety meeting with both teams before the EOC activation.

24 hours (1 day) prior to storm

- Stop all city and private construction activities and secure sites from any potential erosion and/or wind damage.
- Mobilize and stage all heavy equipment to strategic location to be used throughout the city.
 - NW Area - Public Safety Facility (500 N. Virginia Ave.)
 - SE Area - Fire Station #62 (300 S. Lakemont Ave.)
 - SW Area - City Lot (1210 Palmetto Ave.)
 - NE Area - City Operations Center (1409 Howell Branch Road)
- Share both teams' member's names and contact numbers with the Public Works Director and Assistant Director.
- Prepare sleeping arrangements and purchase food for the overnight shift team.
- Verify all equipment is ready in place with full tanks of gas.
- Load and secure barricades on trucks to be dispatched.

During the storm

- Stay safe inside until EOC managers clear the city staff for response activities.

Immediately after the storm when conditions are safe

- Assist police and fire departments to clear streets for emergency response.
- Assist the electric and water & wastewater departments clearing streets to perform their response and repair activities.
- Setup closures and barricade off flooded and obstructed streets and roadways.
- Inspect all signalized intersections for functionality and perform repairs as needed. Repairs requiring a bucket truck can only take place when winds diminish to 30mph or less.
- Clear all storm drains from obstructions to ensure proper drainage.
- Assist the city's Urban Forestry Division with downed tree removals.
- Begin assisting the Natural Resources & Sustainability Department with monitoring of the water levels in the city's lakes and ponds.

- Setup bypass pumping operations on lakes and/or ponds reaching higher levels which potentially could flood surrounding structures/homes.
- Barricade or cone off any potholes which could cause damage to vehicles.

Days/weeks after the storm

- Continue streets clearing and debris removal and storm drain clearing for proper drainage.
- Assess any potholes locations for storm pipe failures and schedule necessary repairs.
- Continue monitoring water levels in lakes and ponds and add or relocate bypass pumping activities accordingly.



CIP PROJECT CONSIDERATIONS & STUDIES FOR STORM RESILIENCY

The flood elevation in the Winter Park Chain of Lakes is control by a weir located on the north side of Lake Maitland at Howell Branch Road. The control elevation for the chain of lakes was studied for a Letter of Map Revision (LOMR) in 2009. The SJRWMD confirmed that the current control elevation of 66.18 ft was best for all communities upstream and downstream and it was not to be adjusted.

The following is a suggested list that should be updated regularly and as funding allows:

- Consider increasing the volume of the MLK Pond and lowering the surrounding neighborhood flood stage
 - a. A flood study was performed in 2020 for the Community Redevelopment Agency (CRA) watershed basin by Geosyntec. This study provided four alternatives for increasing volume in the MLK Pond
 - i. Alt 1 - Exfiltration Basin
 - 1. Decrease in peak stage: 0.26 ft
 - 2. Estimated cost: \$6,516,021
 - ii. Alt 2 - New interconnect to Lake Rose
 - 1. Decrease in peak stage: 0.05 ft
 - 2. Estimated cost: \$172,378
 - iii. Alt 3 - Exfiltration basin and interconnect to Lake Rose
 - 1. Decrease in peak stage: 0.2 ft
 - 2. Estimated cost: \$2,065,776
 - iv. Alt 4 - (COMPLETED) Relocating Killarney interconnect from Beachview Ave to intersection of Morse Blvd and Harper St
 - 1. Decrease in peak stage: 0.02 ft
 - 2. Estimated cost: \$35,830
 - b. Perform study to expand the overall footprint of the pond for more stormwater storage by strategically selecting park areas of lower usage
 - c. Consider partnering with private property owners near MLK to expand
- Develop 5-10 year CIPs for lake interconnections- perform hydraulic studies to determine feasibility and associated cost.
 - a. Lake Sylvan to Lake Mizell
 - b. Lake Grace to Lake Forest
 - c. Lake Chelton to Lake Sue
 - d. Lake Tuscany to Lake Temple to Howell Branch Pond
 - e. Lake Compton to Lake Spier
- Develop drainage study for Lake Killarney, Lake Bell and Lake Wilderness to address feasibility and cost for rerouting emergency stormwater overflow and evaluate weir elevations.

- Develop drainage study for Howell Creek Basin of Winter Park that includes the Chain of Lakes, Lake Sue, and Lake Berry.
- Develop drainage study for Little Econ Basin of Winter Park that includes Interlachen and WP18 (formally Winter Park Pines).
- Following FS 252.363 provision allowing to adjust/pump lake down during declared state of emergency, establish Memorandum of Understanding with SJRWMD for all potential drawdowns:

Section 252.363 of the Florida Statutes provides that upon the declaration of a state of emergency, permits and other authorizations are tolled for the duration of the declaration, and that they may be extended automatically upon the exercise of the notice requirements of Section 252.363(1)(a) for an additional six months. The tolling and extension provisions apply to the expiration of:

- a. Development orders issued by a local government*
 - b. Building permits*
 - c. Florida Department of Environmental Protection or water management district permits issued pursuant to Part IV of Chapter 373, Florida Statutes*
- Consider purchase of bypass pump(s) including floating intake attachment and suction and discharge hoses.
 - Perform a survey to record lowest Finished Floor Elevation (FFE) for all City lakes.
 - Consider installing auto-read lake level gauges with telemetry services for major City lakes.
 - Consider installing additional weather stations with telemetry services within City limits.



Lake Killarney Board

agenda item

item type

Action Items

meeting date

October 4, 2023

prepared by

Victoria Tabor, Administrative Coordinator II

approved by

Victoria Tabor, Administrative Coordinator II

subject

Library and Event Center- Questions/Recommendations from Board on as-builts received 8/24

motion | recommendation**background****strategic objectives****alternatives | other considerations****fiscal impact****attachments**

None



Lake Killarney Board

agenda item

item type

Non-Action Items

meeting date

October 4, 2023

prepared by

Victoria Tabor, Administrative Coordinator II

approved by

Victoria Tabor, Administrative Coordinator II

subject

Private Lift station Updates- David Zusi Dir of Water and Waste Water

motion | recommendation**background****strategic objectives****alternatives | other considerations****fiscal impact****attachments**

None



Lake Killarney Board

agenda item

item type

Staff Updates

meeting date

October 4, 2023

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Victoria Tabor, Administrative Coordinator II

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subject

Lakes Management

motion | recommendation**background**

Water Quality Update - May
Variance Waiver Form/ Checklist
Sediment Removal Schedule for Natural Resources Conservation Services (NRCS)
Telemetry Station Updates
Lake Level Graph (Hurricane Season)
Violations Observed
Maintenance and Efforts

strategic objectives**alternatives | other considerations****fiscal impact****attachments**

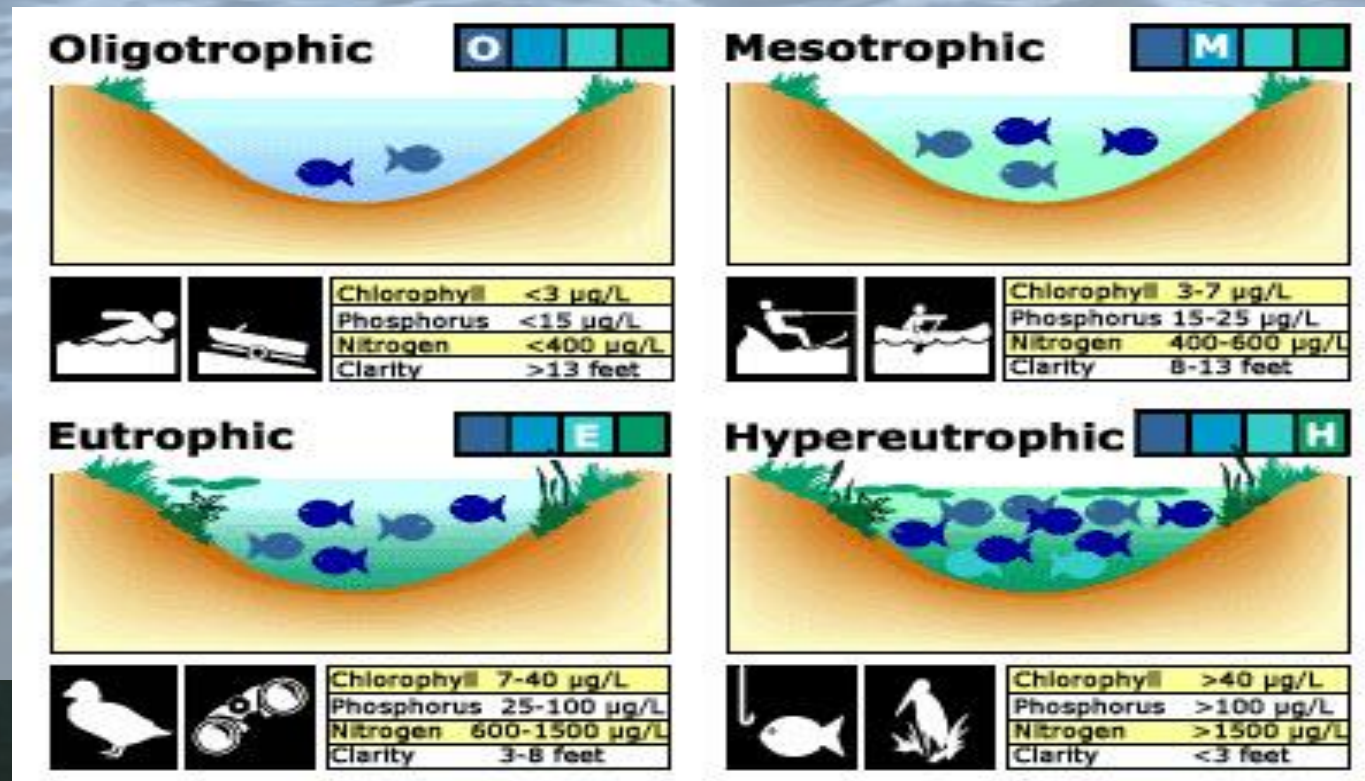
1. Lake Update 10.03.2023
2. AFFECTED ADJACENT PROPERTY OWNER LONO-WP
3. AFFECTED ADJACENT PROPERTY OWNER LONO-OC
4. Killarney Elevation Chart

LAKE UPDATE:

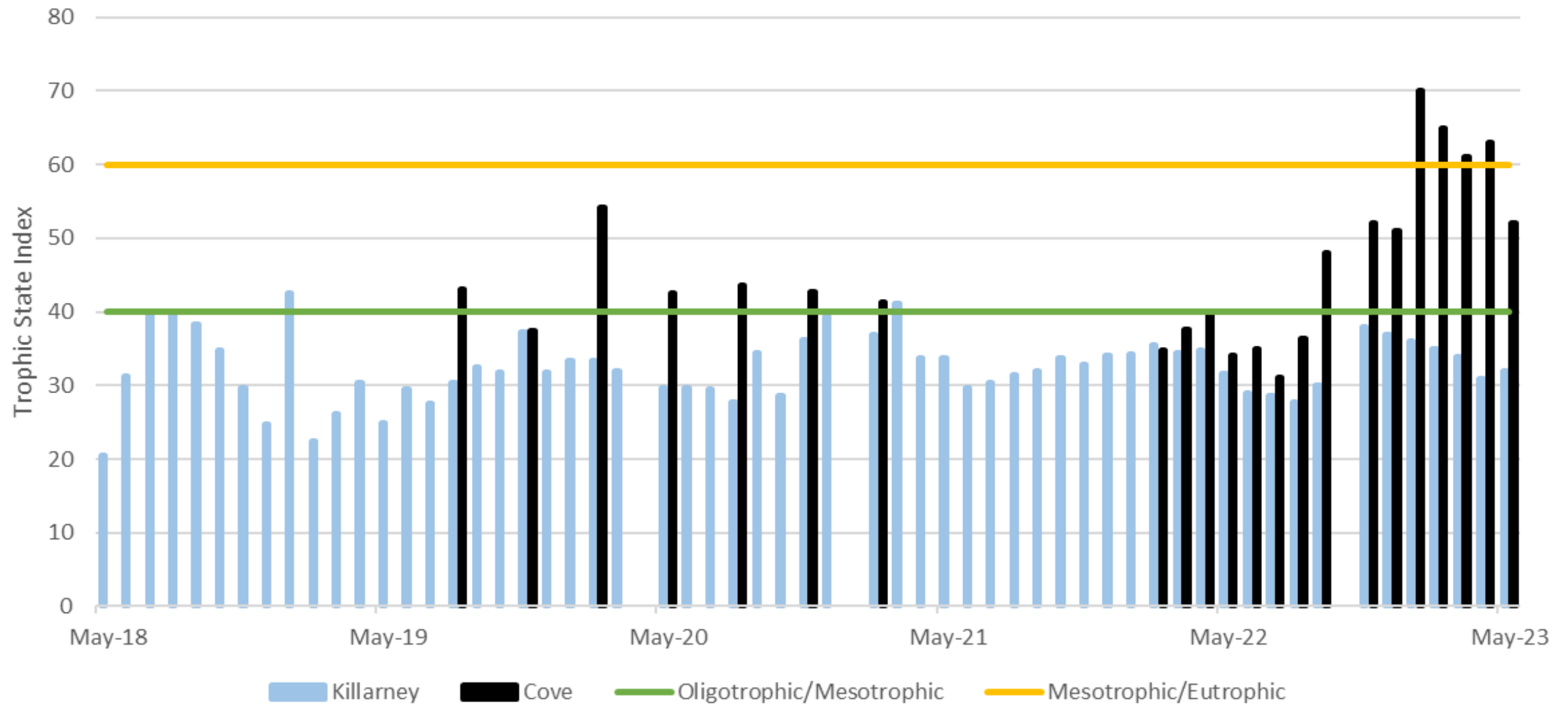
- Water Quality Update May
- Variance Waiver Form/ Checklist
- Sediment Removal Schedule for Natural Resources Conservation Services (NRCS)
- Telemetry Station Updates
- Lake Level Graph (Hurricane Season)
- Violations Observed
- Maintenance and Efforts:
 - 70 gal Debris Removed
 - 65 gal Trash Removed
 - Very Small Hydrilla Spot Treatments
 - Treated Floating Vegetation in the Canal and Cove

Water Quality Thresholds Background

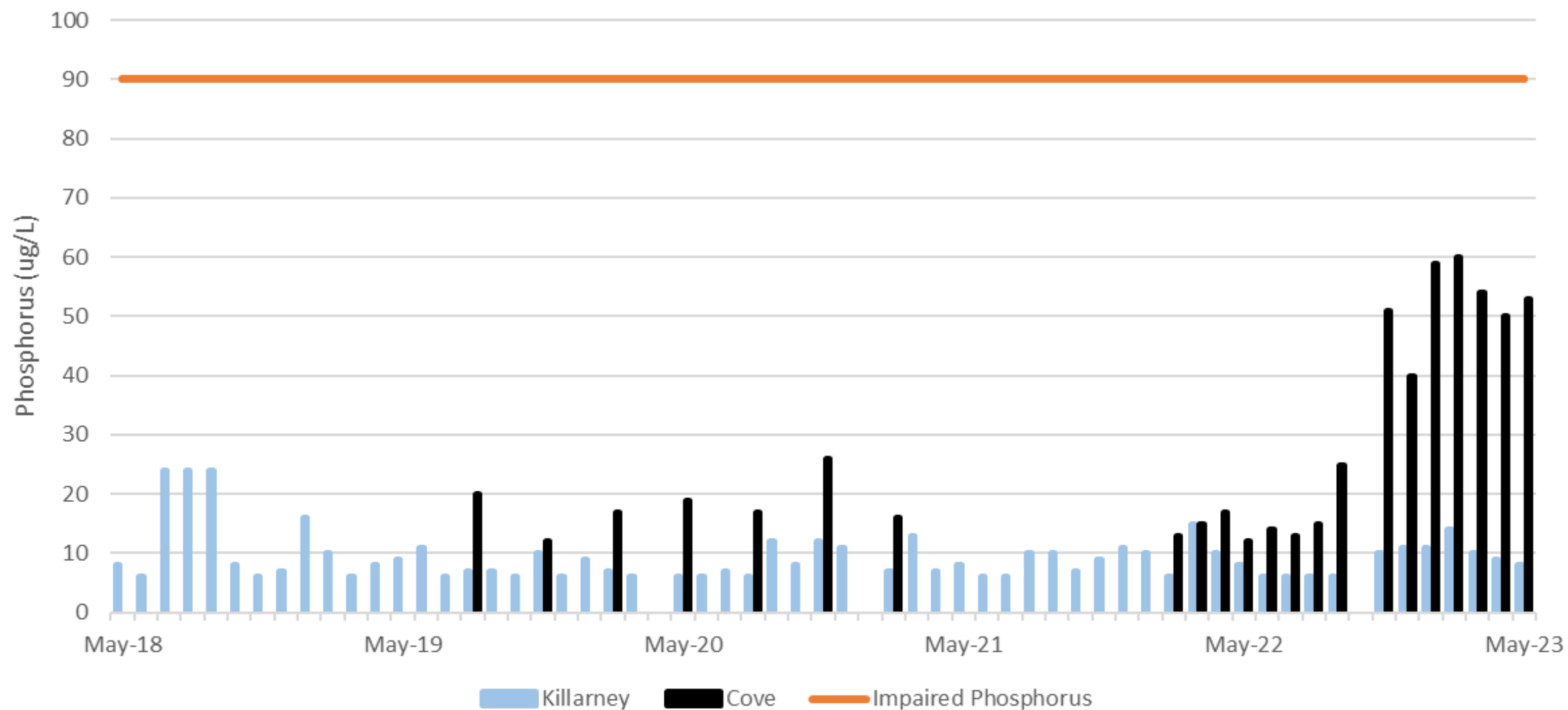
- [Water Atlas - Orange County](#)
- <https://www.flrules.org/gateway/ChapterHome.asp?Chapter=62-302>



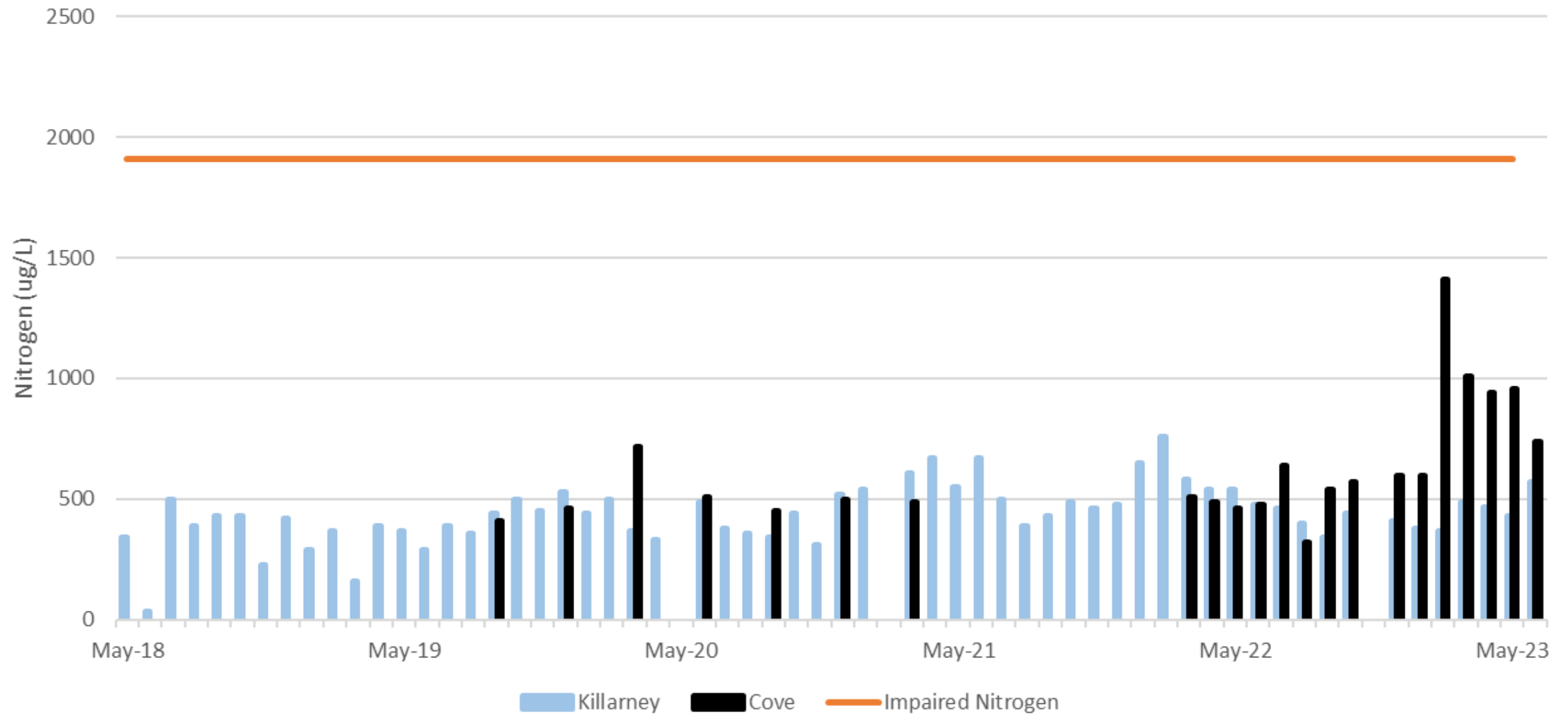
Trophic State Index (TSI) Comparison



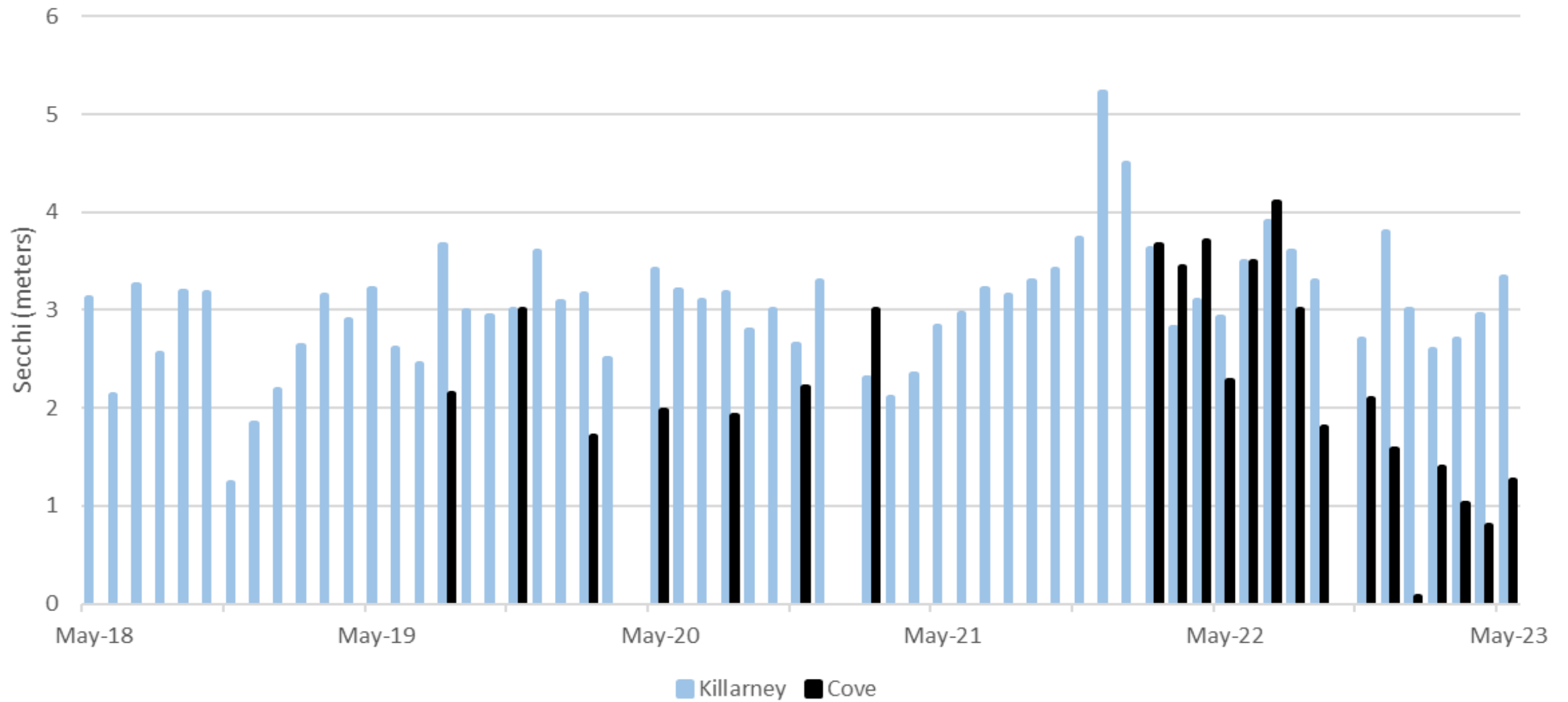
Phosphorus Comparison



Nitrogen Comparison



Clarity Comparison





AFFECTED ADJACENT PROPERTY OWNER STATEMENT OF NO OBJECTION WAIVER REQUEST

Dear Permit Applicant,

The City of Winter Park Code Sec.114-31

(https://library.municode.com/fl/winter_park/codes/code_of_ordinances?nodeId=PTIICOOR_CH14WA) provides the following criteria for boat dock construction:

“All new docks and boathouses shall be constructed no closer than ten (10) feet from a side lot line, as measured on the land and may not extend beyond the property line extended into the lake for that distance of the structure. This side setback can be reduced to five (5) feet if written approval is presented from the adjacent property owners, but may not extend beyond the projected property line extended.”

“All new docks and boathouses shall not extend over thirty (30) feet into the water from the elevations specified in this article. However, on Lake Killarney the maximum distance may be fifty (50) feet.”

“The highest point of a boathouse or gazebo roof or any railing shall not exceed eleven (11) feet and the roofs must be pitched with a minimum 2:12 slope on all sides of the peak, so as to eliminate flat roofs and use of such areas as sundecks. The height shall be measured from the surface of the dock or floor to the highest point of the roof or railing. In addition, the surface of any dock, sundeck or floor of any boathouse, gazebo, etc., shall not be more than two (2) feet above the elevations specified in this subsection.”

In order to secure a statement of no objection to deviations from the Code from the adjacent landowner for your boat dock, you must present the attached form with signed, dated and sealed plans for your boat dock to your neighbor so they can make an informed decision. Signed, dated and sealed plans, should include:

- ✓ Site Survey
- ✓ Site Plan
- ✓ Dock Plans
- ✓ Plan View and Elevation

Completed notarized statement of no objection forms must be uploaded to the permitting portal as part of the permit request.



AFFECTED ADJACENT PROPERTY OWNER STATEMENT OF NO OBJECTION WAIVER

This waiver is to be completed by the affected adjacent property owner and serve as written approval following City of Winter Park Code Sec.114-31 that states: "If the request includes a variance from any of the terms of this section regarding the setbacks, height or size of a structure, then a signed letter or email of no objection from the abutting or affected shoreline property owner(s). The letter or email of no objection must identify the variance request on the site plan for the proposed dock and a copy of the site plan and site plan must be attached to the letter."

I, _____ [Affected Adjacent Property Owner Name], residing at
_____ [Address], on Lake _____ [Name of Lake],
have reviewed my adjacent property owner's proposed dock construction plans dated _____, for the
property located at _____ [Address], and have no objections.

The dock construction plans include a side setback waiver request of _____ feet, in lieu of the minimum 10 feet required by Code.

The dock construction plans include a length of dock waiver request for a dock _____ feet in length, in lieu of the maximum 30 (50 on Lake Killarney) feet.

The dock construction plans include a height waiver request for a dock _____ feet in height, in lieu of the maximum 11 feet.

Signature: _____

Date: _____

Print Name: _____



**AFFECTED ADJACENT PROPERTY OWNER
LETTER OF NO OBJECTION
TO BOAT DOCK SIDE-SETBACK WAIVER REQUEST**

Pursuant to Section 15-350, a waiver from the minimum side setback may be granted by the environmental protection officer if it is determined there is no negative impact to the environment and a notarized letter of no objection to the waiver is received from the shoreline property owner abutting the applicant's property line affected by the reduced side setback request. The required setbacks are as follows:

Section 15-343(a) states: "Private docks on lots or parcels having a shoreline frontage of one hundred (100) feet or less, including designated mooring areas, must have a minimum side setback of ten (10) feet from any property line or projected property line."

Section 15-343(b) states: "Private docks on lots or parcels having a shoreline frontage of greater than one hundred (100) feet, including designated mooring areas, must have a minimum side setback of fifteen (15) feet from any property line or projected property line."

To submit this form, the information below is to be completed by the affected adjacent property owner and notarized as required by Section 15-350, Orange County Code.

I, _____, a legal property owner of property located at _____,
(Adjacent Property Owner Name) (Address)
have reviewed the dock construction plans dated _____, for the property located at _____, and have no objections.

The dock construction plans include a side setback waiver request of _____ feet, in lieu of the minimum setback distance required by Code.

(Signature – Adjacent Affected Property Owner)

(Date)

(Print Name – Adjacent Affected Property Owner)

ACKNOWLEDGEMENT:

STATE OF FLORIDA
COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of 20 __, by _____.

(Notary seal)

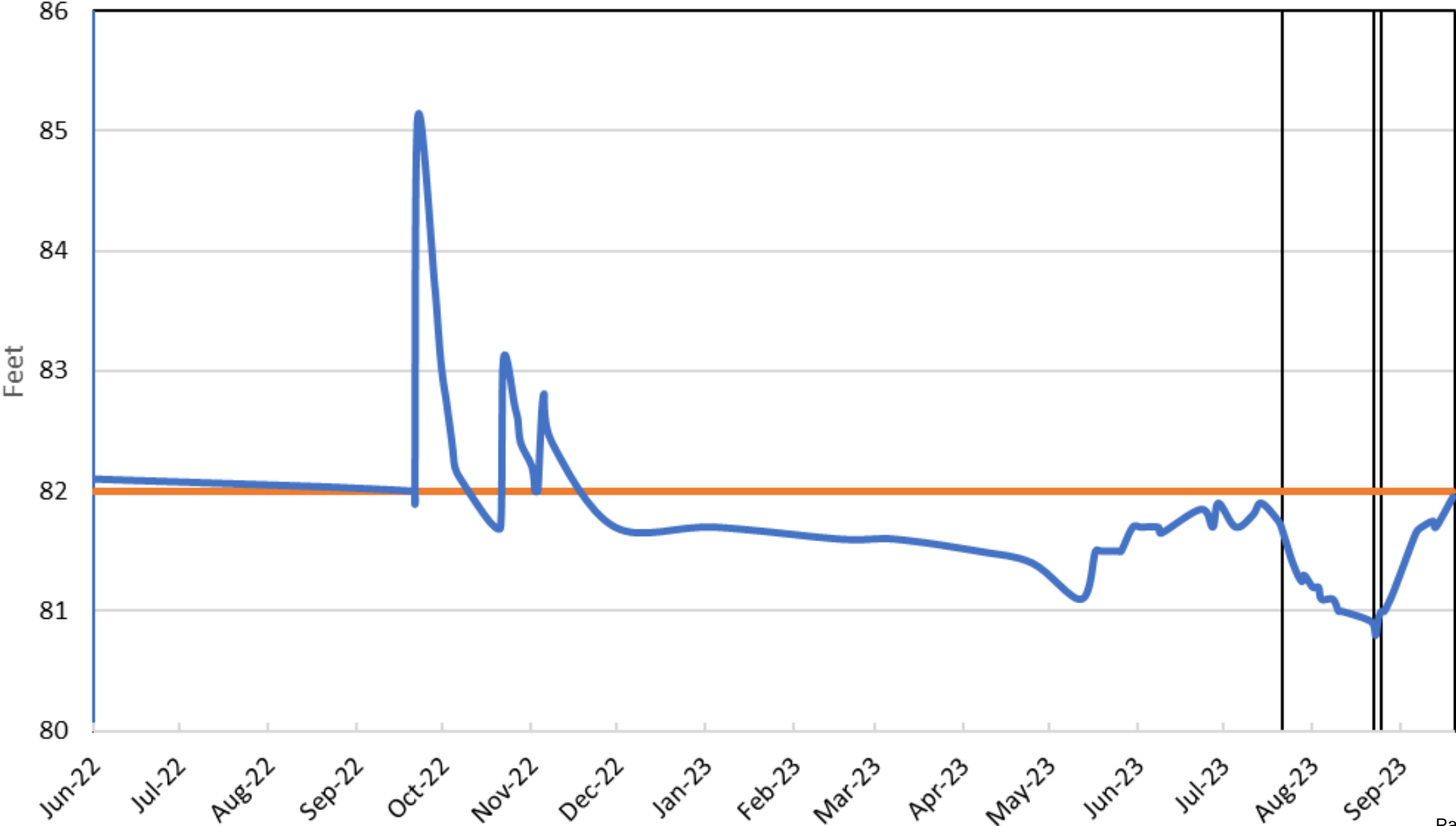
(Signature of Notary Public – State of Florida)

Personally Known _____ OR Produced Identification _____

Type of Identification Produced _____

Killarney Elevation

7/27/2023 Adjusted risers installed
8/28/2023 All risers removed for Hurricane Idalia
8/31/2023 Normal risers reinstalled





Lake Killarney Board

agenda item

item type

Staff Updates

meeting date

October 4, 2023

prepared by

Victoria Tabor, Administrative Coordinator II

approved by

Victoria Tabor, Administrative Coordinator II

subject

Stormwater Management

motion | recommendation**background**

CIP Update

Infrastructure Projects: Nicolet Pond, Killarney Dr Pipe Replacement, Lake Bell Weir

Street Sweeping Update

Lake Front Construction

Follow-Up Items:

BMP Feasibility Study

Outfall Condition Update

strategic objectives**alternatives | other considerations****fiscal impact****attachments**

1. SW Update 10.23

Stormwater Staff Update

Lake Killarney Advisory Board

ACCT #	CIP Title & Description	Original Year Funded	Current Balance	Status/Comments
565200	Drainage Improvements - Recent years of unusually heavy rainfall events have revealed several substandard drainage conditions in various locations throughout the City.	Annually Funded	\$77,041	Several in-house drainage improvements projects for 2023-24 - Completed replacement of 70ft of 24 inch RCP crossing Joeline Court, and 120ft of 18 inch HDPE at the north end of Laurel Road. Upcoming - add another inlet and outfall pipe at 1622 Arbor Park Drive, increase pipe size at 1642 Arbor Park Drive, storm pipe replacement/relocate at 2601 & 2631 Temple Drive.
				1) <u>Palmer at Old England outfall repair</u> - Stormwater outfall pipe replacement required. Design is 30% complete.
				2) <u>Stormwater Outfall Dredging</u> - The City recently entered a new contract, dredging on several stormwater outfalls is scheduled to begin in August 2023.
				3) <u>Ward Park ponds construction</u> - Estimated cost \$150k. NE and NW Pond excavation and sodding is complete. The piping to be installed in August 2023.
				4) <u>357 E Lake Sue Ave</u> - Increase storm sewer inlet capacity at the low point in Lake Sue Ave.
565203	Lk. Bell Weir Outfall Improvements -	2009	\$69,223	Repairs may be required on the Lake Bell outfall weir. Met with consultant on June 30, 2023, scope of services is being revised.
565221	Seminole County Ditch Piping (along Arbor Park Dr) – Drainage ditch behind the homes along Arbor Park Drive has a shared drainage basin with Seminole County. Funding is provided for the design and construction to pipe the ditch.	2016	\$733,395	The Interlocal Agreement was approved by the City Commission and by the Seminole County Commission. 60% plans completed and submitted to Seminole County. Process to permit with SJRWMD currently underway.
565205	Nicolet Ave Stormwater Pond – complete the design and construction of a stormwater treatment pond on City purchased properties located at 796 & 808 Nicolet Avenue	2023	\$200,000	Commission approved \$200,000 in the City's FY'23 budget. SJRWMD permit pre-application meeting is being requested.
	TOTALS			
	3023406 ACTIVE STORMWATER CIP's		\$1,079,658.79	BALANCE TOTAL

Stormwater Staff Update

Lake Killarney Advisory Board

- Infrastructure Projects
 - Nicolet Pond
 - Killarney Dr Pipe Replacement
 - Lake Bell Weir
- Street Sweeping Update
- Library and Event Center As-Builts

Stormwater Staff Update

Lake Killarney Advisory Board



Stormwater Staff Update

Lake Killarney Advisory Board

- Follow-up items:
 - BMP feasibility study for Killarney Dr Outfall Consolidation (when available)
 - Outfall Condition Update



Lake Killarney Board

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Victoria Tabor, Administrative Coordinator II

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subject

Orange County Update

motion | recommendation**background****strategic objectives****alternatives | other considerations****fiscal impact****attachments**

None



Lake Killarney Board

agenda item

item type

Board Comments

meeting date

October 4, 2023

prepared by

Victoria Tabor, Administrative Coordinator II

approved by

Victoria Tabor, Administrative Coordinator II

subject

Discussion of Public Comments Received

motion | recommendation**background****strategic objectives****alternatives | other considerations****fiscal impact****attachments**

None



Lake Killarney Board

agenda item

item type

Upcoming Agenda Items

meeting date

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Upcoming Agenda Items

motion | recommendation**background****strategic objectives****alternatives | other considerations****fiscal impact****attachments**

None



Lake Killarney Board

agenda item

item type

Upcoming Agenda Items

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subject

Summary of Meeting Action Items

motion | recommendation**background****strategic objectives****alternatives | other considerations****fiscal impact****attachments**

None