



# Lakes & Waterways Advisory Board Regular Meeting

## Agenda

**December 14, 2021 @ 12:00 pm**

401 Park Ave S

Winter Park, FL 32789

### welcome

Agendas and all backup material supporting each agenda item are accessible via the city's website at [cityofwinterpark.org/bpm](http://cityofwinterpark.org/bpm) 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 Meeting Minutes from 1108.21](#) 10 minutes
  3. **Staff Updates**
    - a. [Lakes Management](#) 20 minutes
    - b. [Stormwater Management](#) 20 minutes
    - c. [Winter Park Police](#) 10 minutes
    - d. [Sustainab](#) 10 minutes
  4. **Public Comments (for items not on the agenda): Three minutes allowed for each speaker**
  5. **Non-Action Items**
  6. **Action Items**
  7. **Public Hearings**
    - a. [BLDC-2021-0618](#) [1915 S. Lakemont Ave.](#) 20 minutes
    - b. [BLDR-2021-2210](#) [285 Rippling Way](#) 20 minutes
    - c. [BLDR-2021-2278](#) [1571 Harris Circle](#) 20 minutes
    - d. [BLDR-2021-2371](#) [530 Country Club Drive](#) 20 minutes
    - e. [BLDR-2021-2377](#) [520 Country Club Drive](#) 20 minutes
    - f. [SAP-2021-0037](#) [751 Pinetree Road](#) 20 minutes
    - g. [SAP-2021-0040](#) [2 Isle of Sicily](#) 20 minutes
  8. **Board Comments**
  9. **Adjournment**



## Lakes & Waterways Advisory Board

# agenda item

|                     |                |              |                   |
|---------------------|----------------|--------------|-------------------|
| item type           | Consent Agenda | meeting date | December 14, 2021 |
| prepared by         | Melissa Meade  | approved by  |                   |
| board approval      |                |              |                   |
| strategic objective |                |              |                   |

### subject

Approve Meeting Minutes from 1108.21

### motion / recommendation

### background

### alternatives / other considerations

### fiscal impact

### ATTACHMENTS:

1214.21 Minutes



# Lakes and Waterways Board Minutes

November 8, 2021 at 12p.m.

City Commission Chambers  
401 S. Park Ave.

## Present

LWAB Members: Debbie Cunningham, Paul Missigman, Chase Heavener, Ed Webman, Warren Bloom(virtual), Lindsay Eriksson Siddiqui(virtual), Robert Bendick(virtual)

City of Winter Park Staff: Troy Attaway, Director of Public Works; Donald Marcotte, Asst. Director of Public Works; Shannon Monahan, Engineer; Officer Luke Hofer, WPPD; Melissa Meade, Admin Coordinator

## Absent

### Call to order

Meeting called to order by Chairwoman Debbie Cunningham at 12:02pm

## Consent Agenda

Approve Minutes 1012.21 - Motion made by Debbie Cunningham to approve the minutes seconded by Warren Bloom motion carries unanimously.

## Public Hearings

BLDR—2021-2205 Request by Scott and Pheng McCreary to replace boathouse at 515 Lake Front Blvd

Staff provided details of the application, answered questions and recommends approval. After discussion; motion made by Lindsay Eriksson Siddiqui to approve the application as presented with the condition that the vegetation criteria is met, seconded by Warren Bloom, motion passed unanimously.

## Staff Updates

### Lakes Management - Troy Attaway

Overall the water clarity was good, Lake Maitland had 3m of clarity. New plant called fanwort or cabomba in Lake Maitland. No hydrilla was found in Lake Maitland due to the FWC restocking of grass carp for vegetation control. As staff progressed to Lake Osceola there was about 2m clarity. Lake Virginia had similar clarity as Lake Osceola at 2m with some increased pond weed was starting to top out on east side of lake, which is historically one of the worse sides of the lake. Lake Mizell had 3.5m of clarity, noted a fair amount of pond weed throughout the southeast corner of lake progressing to the northeast side of lake. No hydrilla was seen during the tour. Water levels are normal for this time of year. Eel grass seems to have slowed down and the mats aren't floating around as much as it was over the summer. Some mounds are still being picked up off of resident's docks.

### Stormwater Management - Don Marcotte

Stormwater in house crews are planning to begin work on Lake Front Blvd to improve drainage with 2 new inlets. Winter Park Road is scheduled to start back up in January. Followed by Ward Park. Staff gave an update on the Tanglewood Agreement between the City of Winter Park and Seminole County for the ditch improvements behind Arbor Park. NPDES is being updated for the December deadline.



#### **Winter Park Police - Officer Luke Hofer**

Off duty patrol is in their off season so they have become active on an on-call basis. 1 patrol was completed and no violations were done. Officer Hofer gave an update on the new police patrol boat that is being manufactured. Staff informed the board that a new officer just completed training and will be starting patrolling soon. Christmas Boat Parade is scheduled for December 4<sup>th</sup> starting by the Mizell Canal on Lake Virginia.

#### **Sustainability - Vanessa Balta**

Staff gave an update about November 6<sup>th</sup> clean up at Kraft Azalea Garden, 50 volunteers with 282 pounds of litter collected. Working on the 2022 cleanup dates and locations. Gave an update on the Sustainability Action Plan that was presented to the City Commission. Vanessa informed the board of her resignation with the City, and gave the board a person of contact, Clarissa Howard.

#### **Adjournment**

Meeting adjourned at 12:45pm

Next meeting scheduled for December 14<sup>th</sup>, 2021 at 12pm.



## Lakes & Waterways Advisory Board

# agenda item

|                     |               |              |                   |
|---------------------|---------------|--------------|-------------------|
| item type           | Staff Updates | meeting date | December 14, 2021 |
| prepared by         | Melissa Meade | approved by  |                   |
| board approval      |               |              |                   |
| strategic objective |               |              |                   |

### subject

Lakes Management

### motion / recommendation

### background

### alternatives / other considerations

### fiscal impact



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### subject

Stormwater Management

### motion / recommendation

### background

### alternatives / other considerations

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### subject

Winter Park Police

### motion / recommendation

### background

### alternatives / other considerations

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| strategic objective |               |              |                   |

### subject

Sustainab

### motion / recommendation

### background

### alternatives / other considerations

### fiscal impact



## Lakes & Waterways Advisory Board

# agenda item

|                     |                 |              |                                                |
|---------------------|-----------------|--------------|------------------------------------------------|
| item type           | Public Hearings | meeting date | December 14, 2021                              |
| prepared by         | Melissa Meade   | approved by  | Troy Attaway, Michelle del Valle, Randy Knight |
| board approval      | In Progress     |              |                                                |
| strategic objective |                 |              |                                                |

### subject

BLDC-2021-0618 1915 S. Lakemont Ave.

### motion / recommendation

### background

### alternatives / other considerations

### fiscal impact

### ATTACHMENTS:

[BLDC-2021-0618 Packet](#)

# BLDC-2021-0618

## 1915 Lakemont Ave.

- Applicant: Lake Spier Development LLC
- Contractor: Summertime Deck and Dock LLC
- Structure: Fishing docks (3)
- New/Existing: New
- Waterbody: Spier and Compton



# Parameters

Note: The proposed docks were approved by the City Commission during the site plan approval for this development.

| Dock Parameter                 | Proposed  | Allowed                                                           | Variance Req.? |
|--------------------------------|-----------|-------------------------------------------------------------------|----------------|
| Total Area (ft <sup>2</sup> )  | <300 each | 600 max                                                           |                |
| Length from OHW (ft)           | <30'      | 30'<br>(50' on killarney with the exception of the northern cove) |                |
| Height of Roof (ft above deck) | N/A       | 11 max                                                            |                |
| Height of Deck (ft above OHW)  | 1         | 2 max                                                             |                |
| Enclosures?                    | No        | 80 ft <sup>2</sup> max<br>(no plumbing/water allowed)             |                |
| Side Yard Setback(s) (ft)      | 10        | 10 min*                                                           | N/A            |
| Meet Vegetation Criteria?      | Yes       | 50% may be cleared                                                | N/A            |

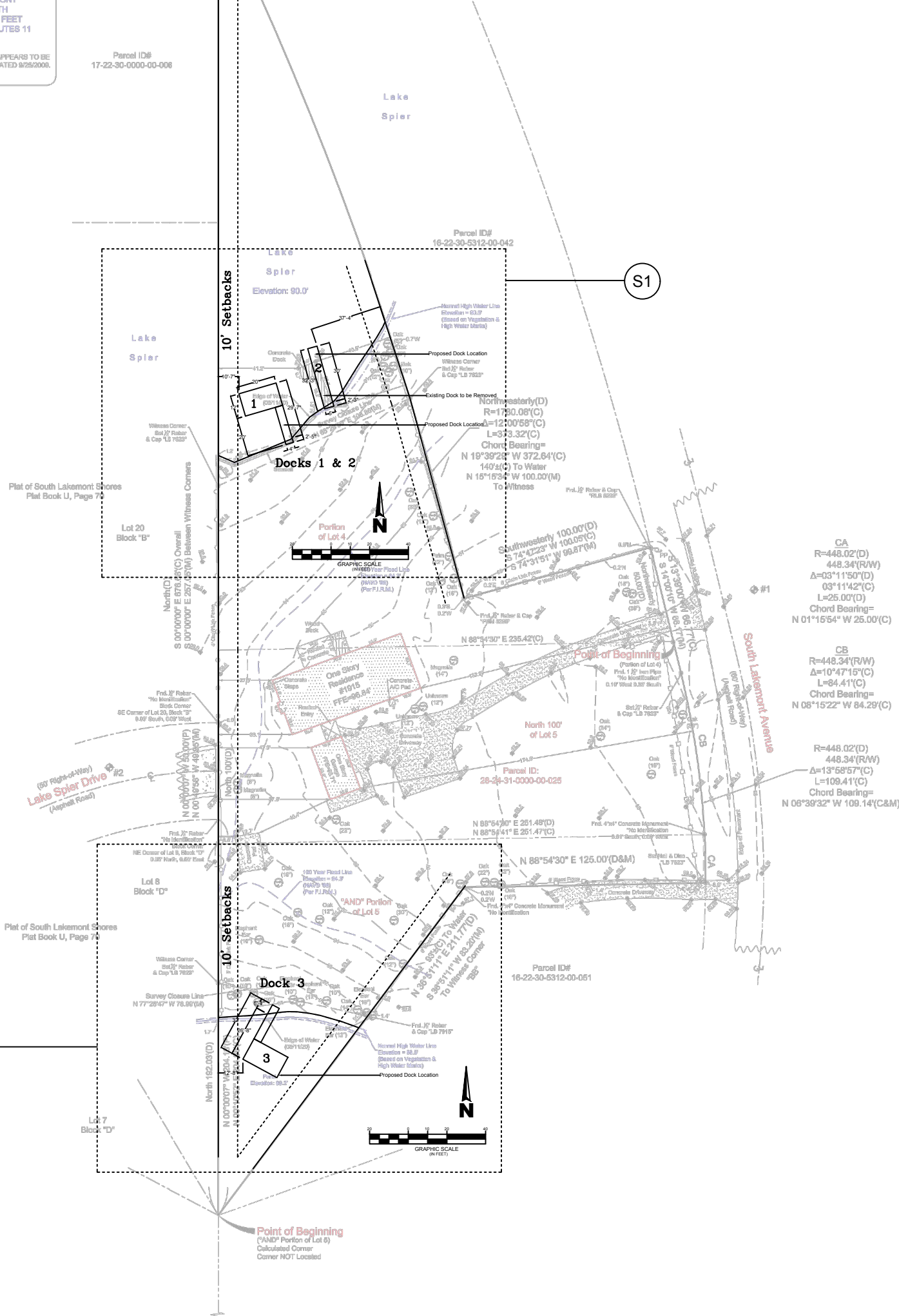
Staff Recommendation: **Approval**  
Reviewed by: Jake Allman



ACROSS THE PROPOSED CURVE AND THE WESTERLY RIGHT-OF-WAY LINE OF SAID HIGHWAY AVENUE AN ARC DISTANCE OF 26 FEET TO A POINT ON A LINE 125 FEET SOUTH OF THE NORTH BOUNDARY OF SAID LOT 5; THENCE SOUTH 88 DEGREES 54 MINUTES 30 SECONDS WEST 125 FEET PARALLEL WITH THE NORTH BOUNDARY OF SAID LOT 5; THENCE SOUTH 36 DEGREES 51 MINUTES 11 SECONDS WEST 211.77 FEET TO THE POINT OF BEGINNING.

Flood Disclaimer:  
BY PERFORMING A SEARCH WITH THE LOCAL GOVERNING MUNICIPALITY OR WWW.FEMA.GOV, THE PROPERTY APPEARS TO BE LOCATED IN ZONE X AND AE. THIS PROPERTY WAS FOUND IN ORANGE COUNTY, COMMUNITY NUMBER 130179, DATED 9/29/2008. CERTIFIED TO: SHANE ACEVEDO

Parcel ID#  
17-22-30-0000-00-006



#### 101. GENERAL NOTES

- 101.1 DETAILS SHOWN ON PLANS MAY BE FOR TYPICAL CONDITIONS. FOR CONDITIONS NOT SHOWN, PROVIDE DETAILS OF A SIMILAR NATURE, OR IF NOT CERTAIN HOW TO PROCEED, CONTACT THE ENGINEER OF RECORD.
- 101.2 DIMENSIONS SHOWN ON THESE PLANS SHALL BE VERIFIED BY THE CONTRACTOR OR BUILDER PRIOR TO CONSTRUCTION. THESE PLANS MAY NOT BE DRAWN TO SCALE. SCALING OF DRAWINGS IS STRONGLY DISCOURAGED.
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#### 102. APPLICABLE CODES AND STANDARDS

- CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THESE STRUCTURAL SPECIFICATIONS AND THE REQUIREMENTS CONTAINED IN THE FOLLOWING CODES AND STANDARDS. WHEN A DIFFERENCE EXISTS BETWEEN THESE SPECIFICATIONS AND ANY OTHER GOVERNING CODE, THE MORE STRINGENT SHALL CONTROL. ANY OTHER ITEMS NOT COVERED THEREIN SHALL BE COMMENSURATE WITH SOUND ENGINEERING AND STANDARD CONSTRUCTION PRACTICE.
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102.5 ASCE 7-16 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES

#### 103. DESIGN LOADS

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DECK - 10 PSF ROOF - 10 PSF - BOTTOM CHORD

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DECK - 40 PSF  
WIND SPEED - 140 MPH  
EXPOSURE - D  
INTERNAL PRESSURE COEFFICIENT - 0.0 (COMPLETELY OPEN)  
BUILDING TYPE: I - RISK FACTOR 1.0  
GUARDRAILS AND HANDRAILS - 200 PSF  
GUARDRAILS IN-FILL COMPONENTS - 50 PSF  
STAIRS - 40 PSF

#### 104. STRUCTURAL LUMBER FRAMING (DIMENSIONAL LUMBER)

- 104.1 UNLESS NOTED OTHERWISE, ALL STRUCTURAL LUMBER SHALL BE SOUTHERN YELLOW PINE (SYP) #2 OR BETTER
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## Lake Spier Development 1915 S Lakemont Ave Winter Park, FL 32792

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Project:  
**SDD-2021-48**

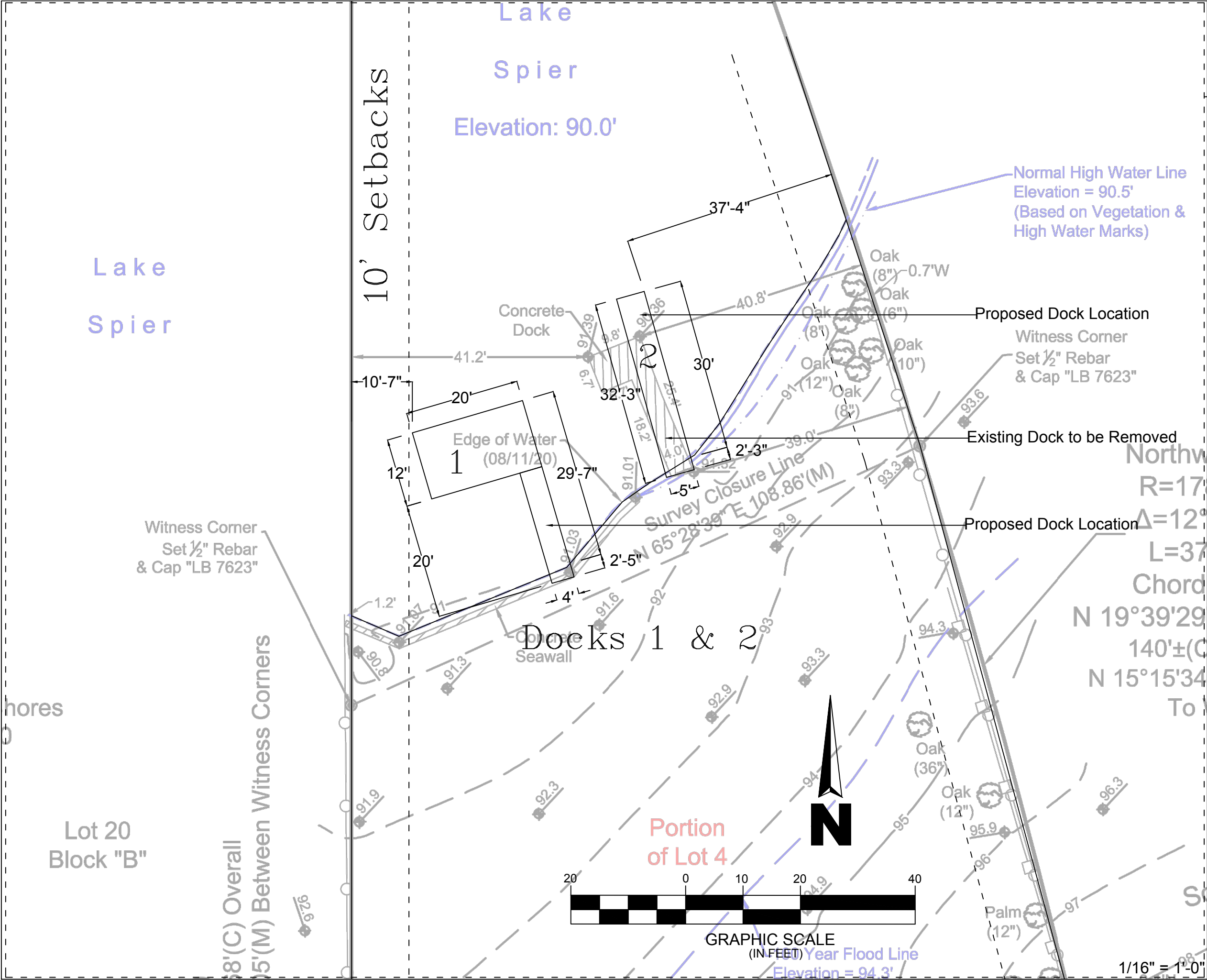
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Prepared for:

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Prepared for:

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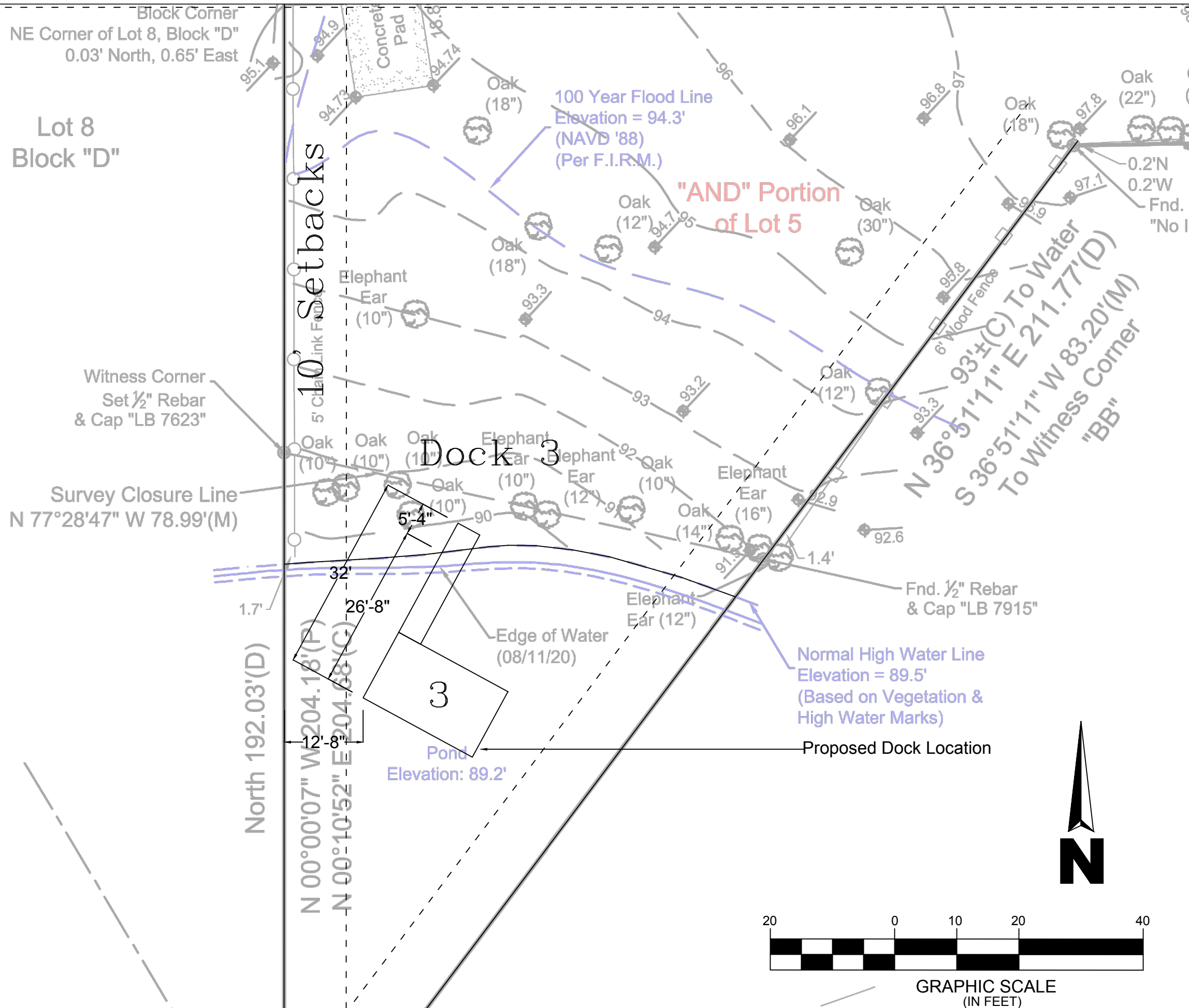
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**Project:**  
**SDD-2021-48**

**S1**





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Project:  
**SDD-2021-48**

# S2

**Jennifer Teliga, P.E.**

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(321) 662-7503

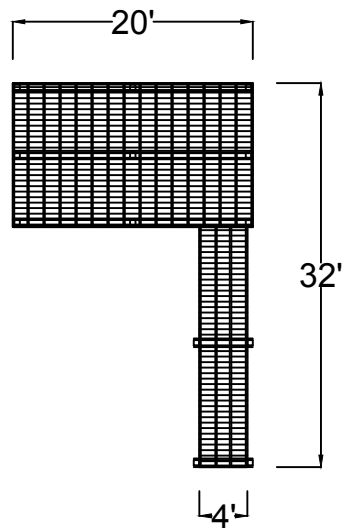
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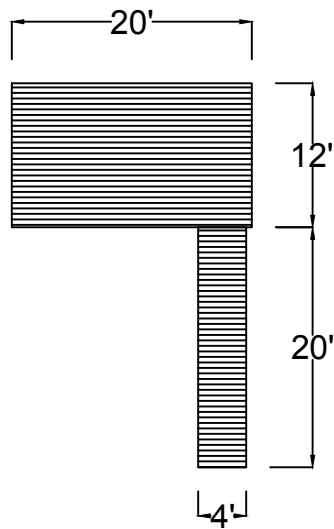
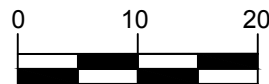


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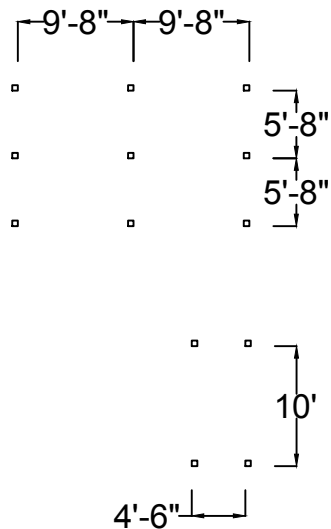
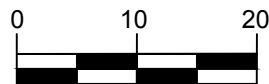
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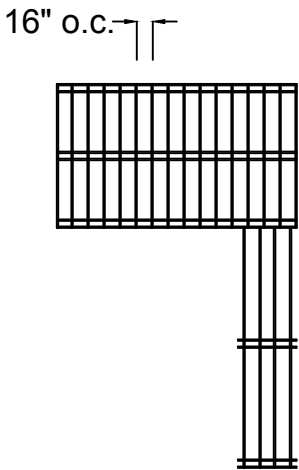
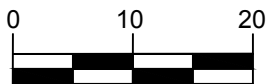
Plan View (Top View)



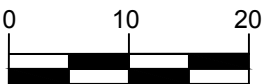
Decking Layout



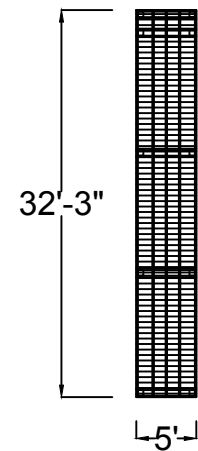
Piling Layout



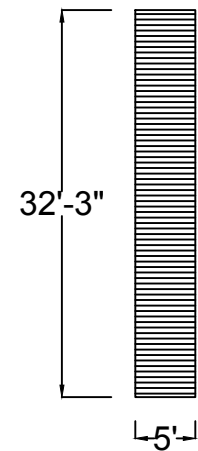
Framing Layout



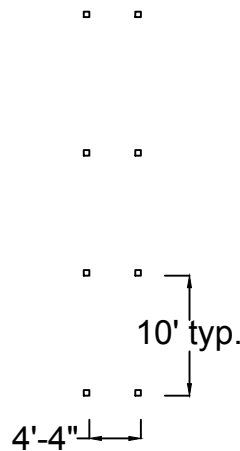
Docks 1 & 3



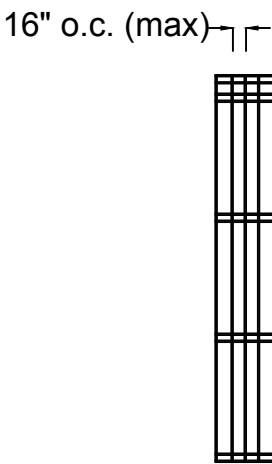
Plan View (Top View)



Decking Layout



Piling Layout



Framing Layout



Dock 2

©2009 - 2021 Jennifer Teliga, P.E. The use of these drawings and documents shall be restricted to the original project for which they were prepared. Any publication of these documents and specifications is expressly limited to such project. Reuse, reproduction or publication by any method, in whole or in part, of these drawings and documents is prohibited. Title of these drawings and documents remains with Jennifer Teliga, P.E. Jennifer Teliga, P.E. retains all federal, state, and common law copyright protections. (17 U.S.C. 101 et seq.)

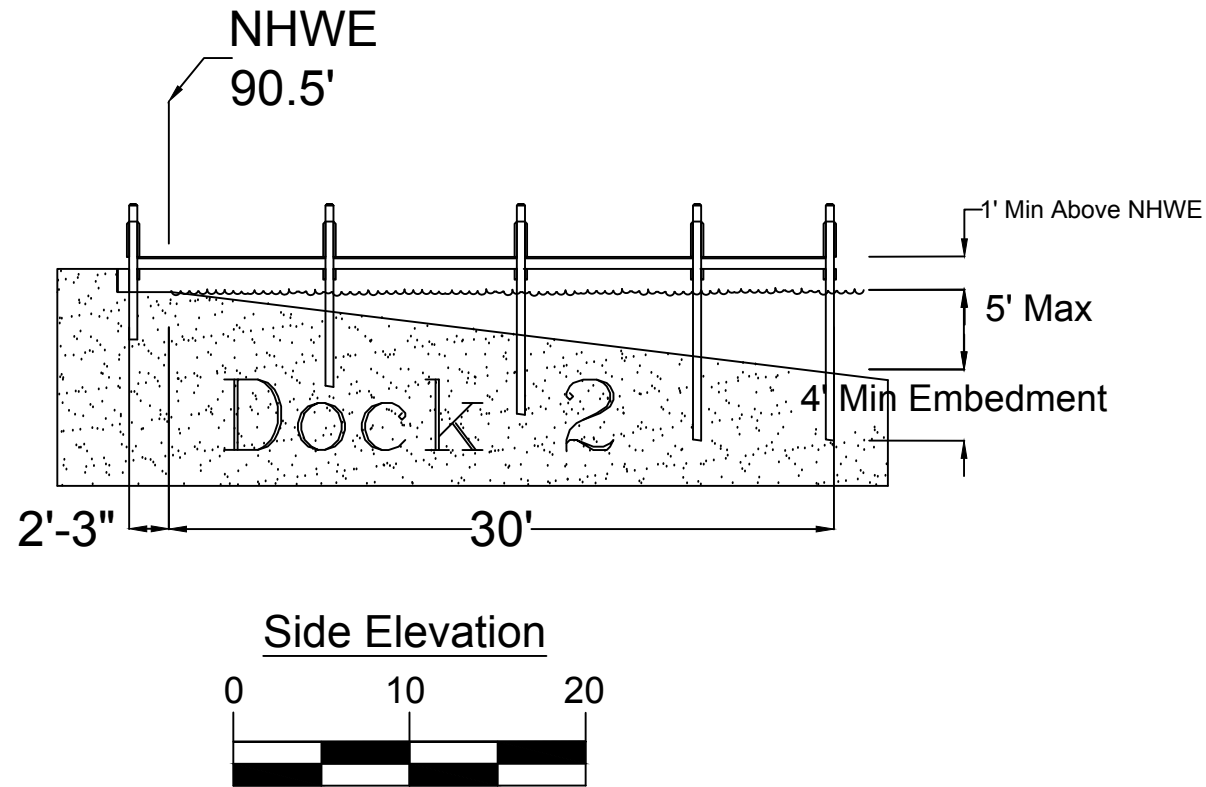
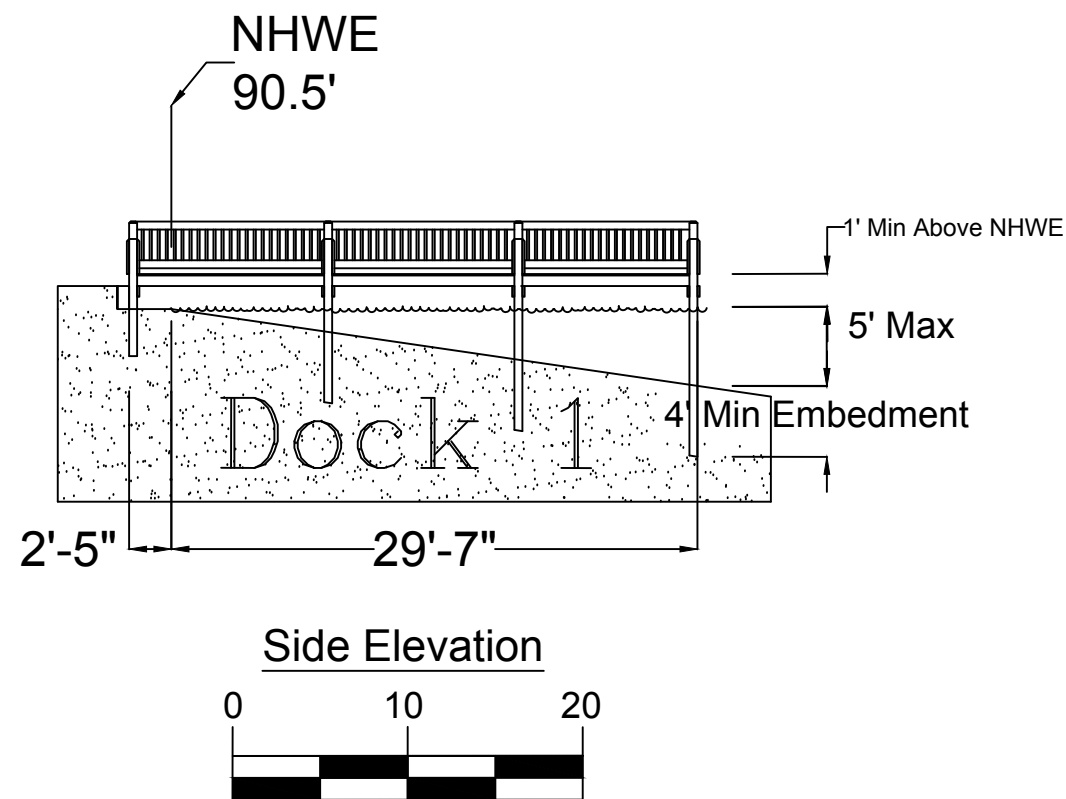
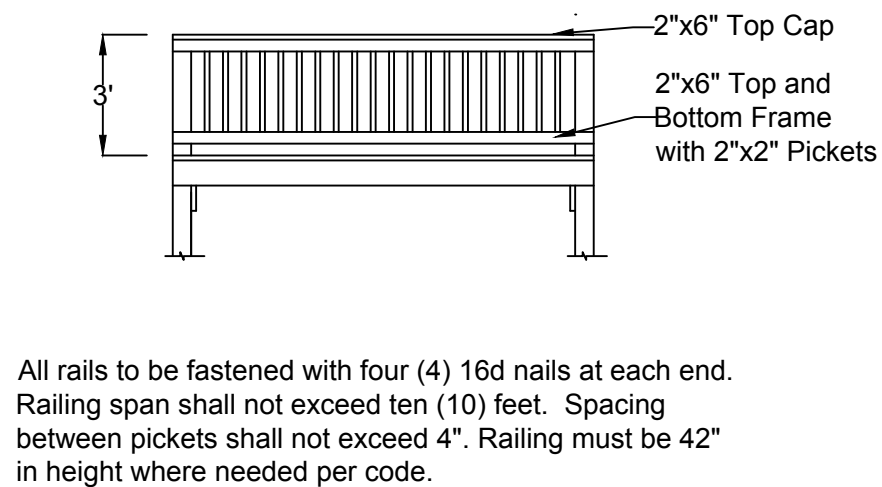
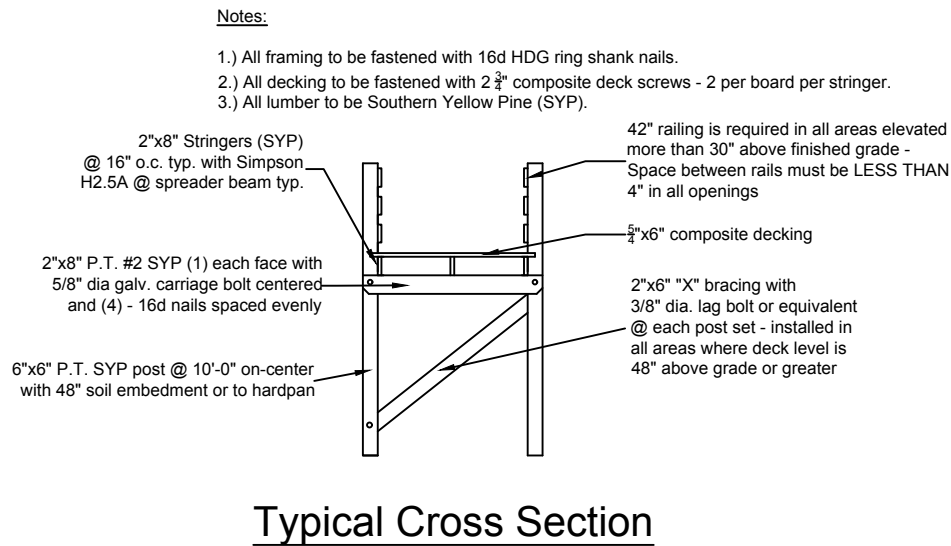
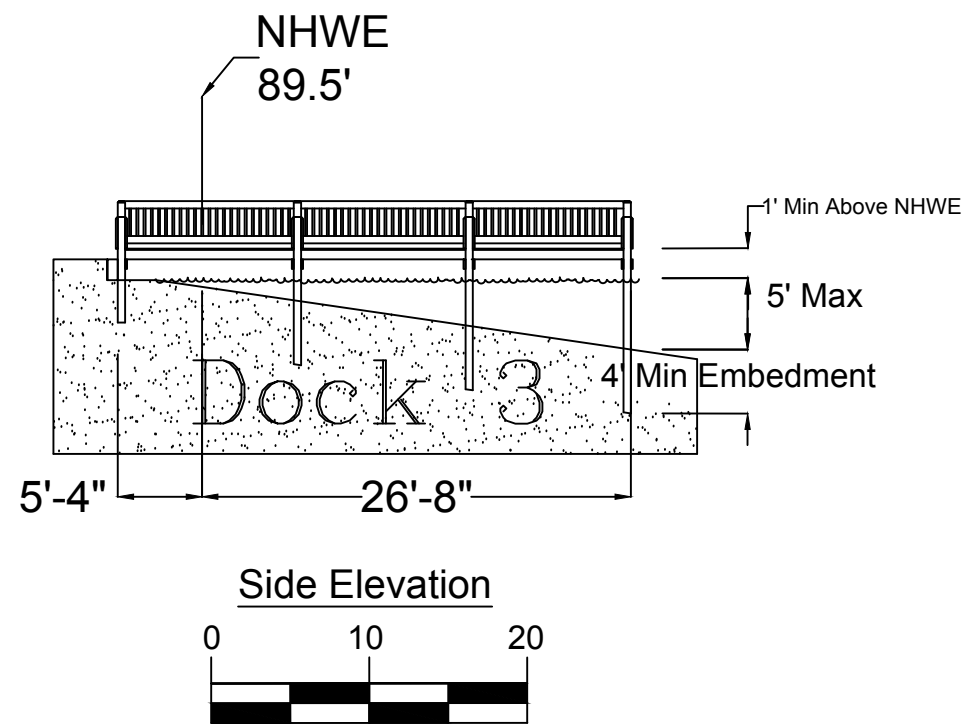
Project:  
**SDD-2021-48**

**S3**

**Lake Spier Development**  
1915 S Lakemont Ave  
Winter Park, FL 32792

**Jennifer Teliga, P.E.**  
2901 Bluestem Ln.  
Clermont, FL 34714  
P.E. #64621  
(321) 662-7503

Prepared for:  
**SUMMERTIME**  
Summer Deck and Dock, LLC  
2120 33rd St.  
Orlando, FL 32839  
(407) 583-6251  
www.summertime docks.com



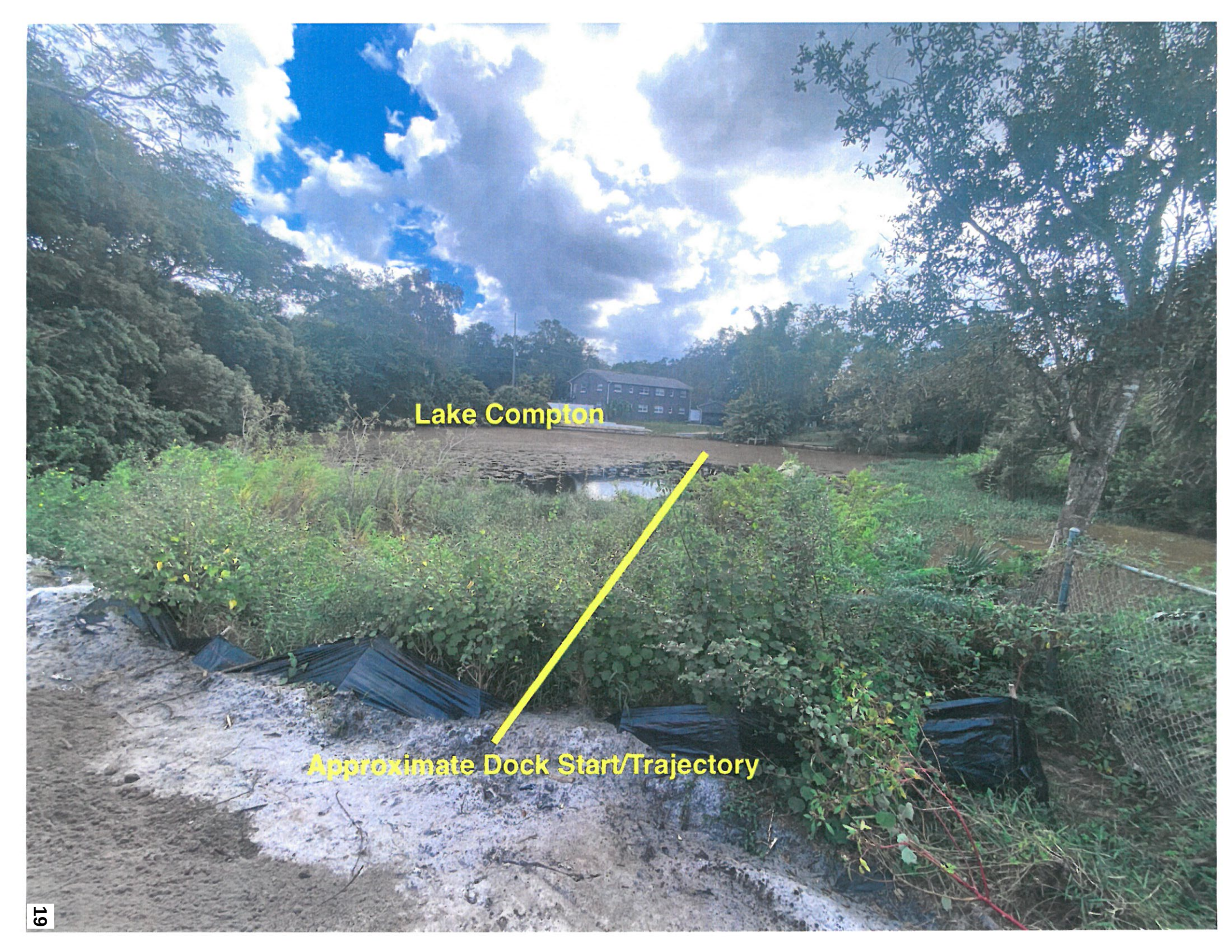




Lake Spier

Existing Dock to be Removed



A photograph of a lake, identified as Lake Compton, surrounded by dense green trees. In the background, a large, multi-story building is visible. The foreground is filled with thick green bushes and some black plastic sheeting. A yellow line is drawn diagonally across the image, starting from the bottom center and pointing towards the lake. The sky is blue with scattered white clouds.

Lake Compton

Approximate Dock Start/Trajectory





## Lakes & Waterways Advisory Board

# agenda item

|                            |                                                            |
|----------------------------|------------------------------------------------------------|
| item type Public Hearings  | meeting date December 14, 2021                             |
| prepared by Melissa Meade  | approved by Troy Attaway, Michelle del Valle, Randy Knight |
| board approval In Progress |                                                            |
| strategic objective        |                                                            |

### subject

BLDR-2021-2210 285 Rippling Way

### motion / recommendation

### background

### alternatives / other considerations

### fiscal impact

### ATTACHMENTS:

[BLDR-2021-2210 Packet](#)

# BLDR-2021-2210

## 285 Rippling Lane

- Applicant: Bill and Jackie Giovanetti
- Contractor: Creative Deck and Dock
- Structure: Dock
- New/Existing: New/Replacement
- Waterbody: Killarney



# Parameters

| Dock Parameter                 | Proposed      | Allowed                                               | Variance Req.? |
|--------------------------------|---------------|-------------------------------------------------------|----------------|
| Total Area (ft <sup>2</sup> )  | 600           | 600 max                                               |                |
| Length from OHW (ft)           | 45'           | 50'                                                   |                |
| Height of Roof (ft above deck) | 11            | 11 max                                                |                |
| Height of Deck (ft above OHW)  | 2             | 2 max                                                 |                |
| Enclosures?                    | No            | 80 ft <sup>2</sup> max<br>(no plumbing/water allowed) |                |
| Side Yard Setback(s) (ft)      | 5 with waiver | 10 min*                                               | N/A            |
| Meet Vegetation Criteria?      | Yes           | 50% may be cleared                                    | N/A            |

Staff Recommendation: **Approval**  
Reviewed by: Jake Allman



# GIOVANETTI BOAT DOCK SITE PLAN

## LEGAL DESCRIPTION:

THE WEST 2 FEET OF LOT 6 AND ALL OF LOT 7, BLOCK A, SHORES OF LAKE KILLARNEY SECTION TWO, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK T, PAGE 91, OF THE PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA.

## FLOOD INFORMATION:

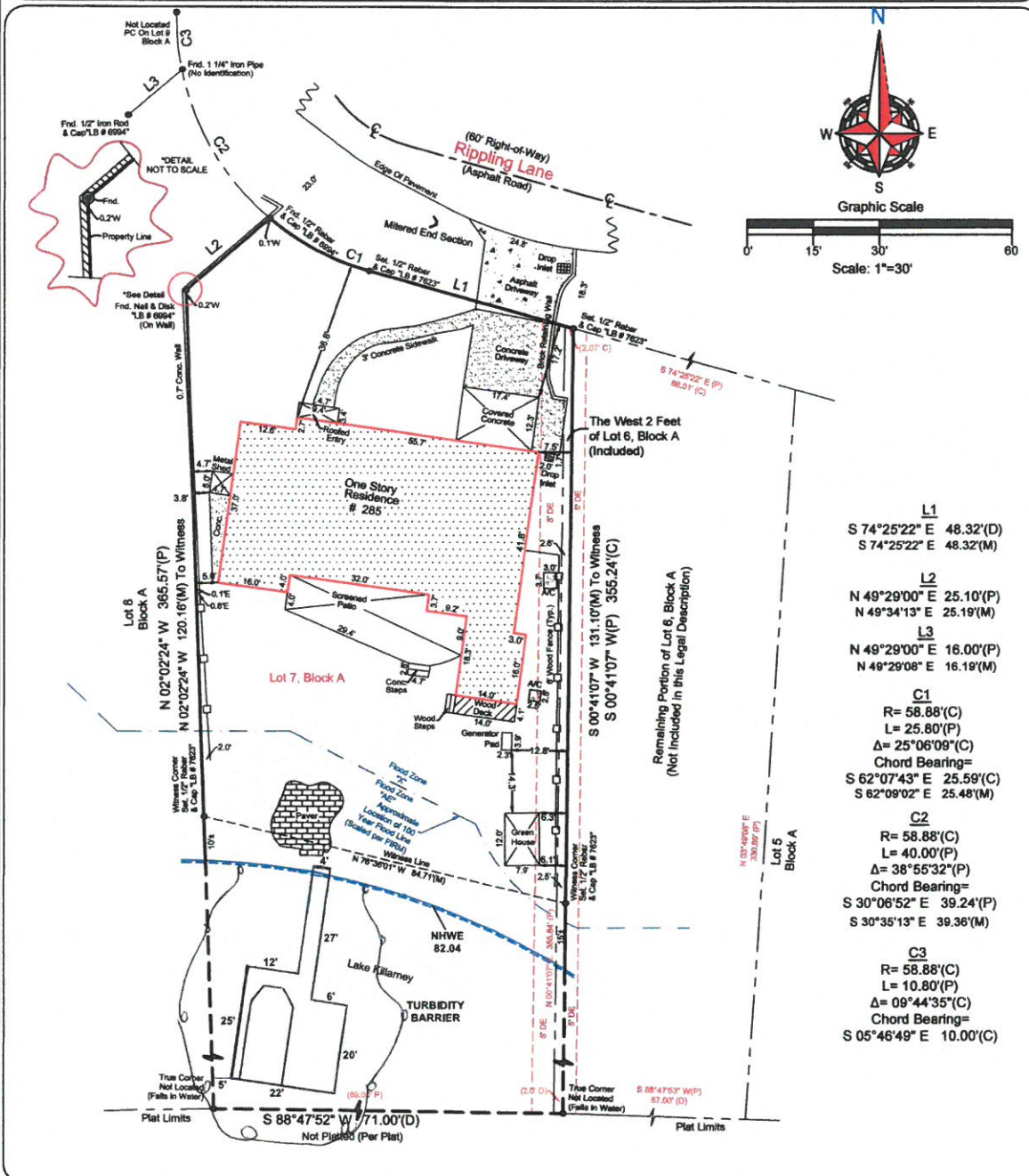
BY PERFORMING A SEARCH WITH THE LOCAL GOVERNING MUNICIPALITY OR WWW.FEMA.GOV, THE PROPERTY APPEARS TO BE LOCATED IN ZONE X & AE (WITH A BASE FLOOD ELEVATION OF 84.4'). THIS PROPERTY WAS FOUND IN ORANGE COUNTY, COMMUNITY NUMBER 120179, DATED 9/25/2009.

## CERTIFIED TO:

WILLIAM E. GIOVANETTI AND JACQUELINE L. GIOVANETTI; BEAMAN & CLARK LAW FIRM; OLD REPUBLIC NATIONAL TITLE INSURANCE CO; PRIMARY RESIDENTIAL MORTGAGE INC

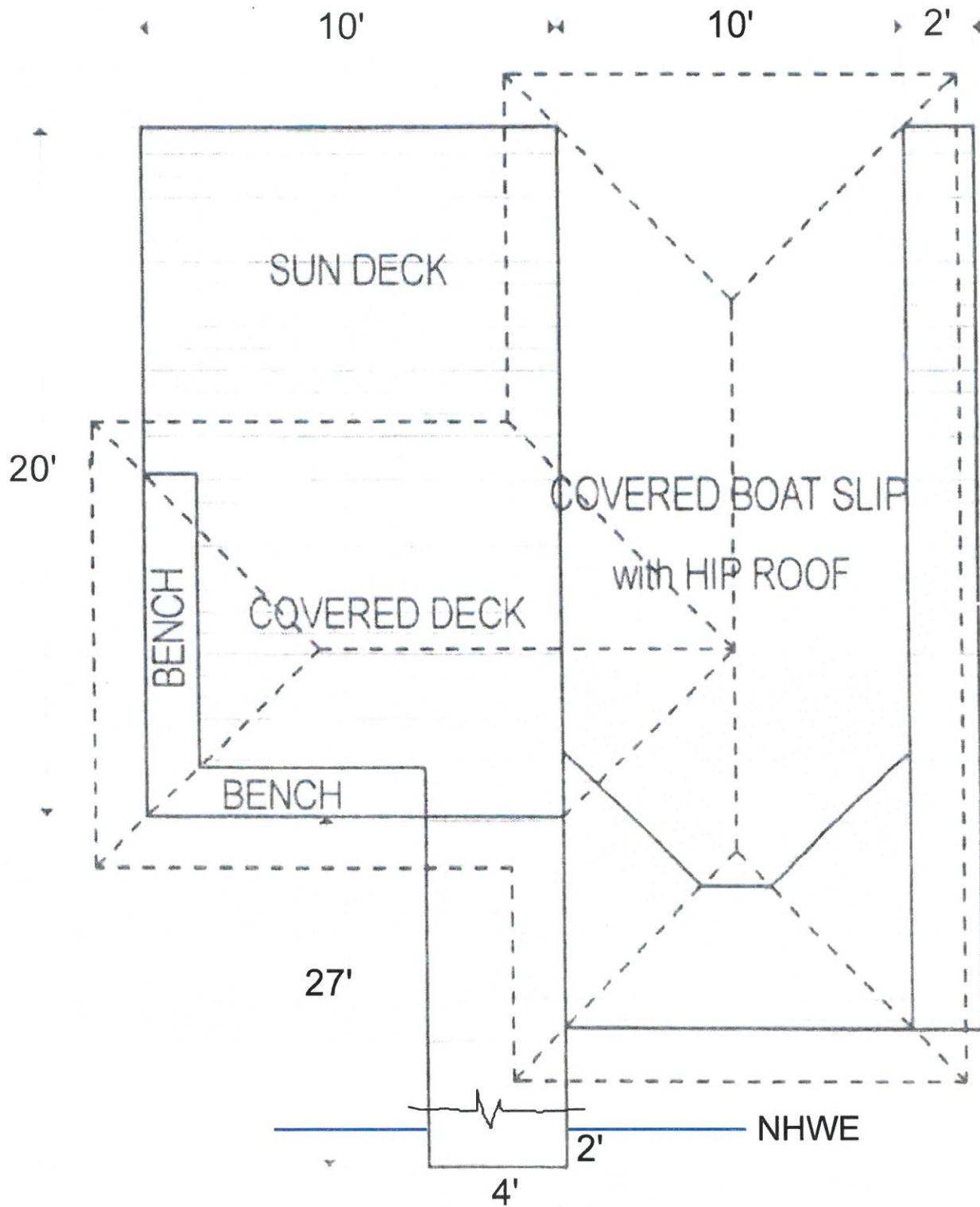


285 RIPPLING LANE, WINTER PARK, FLORIDA 32789

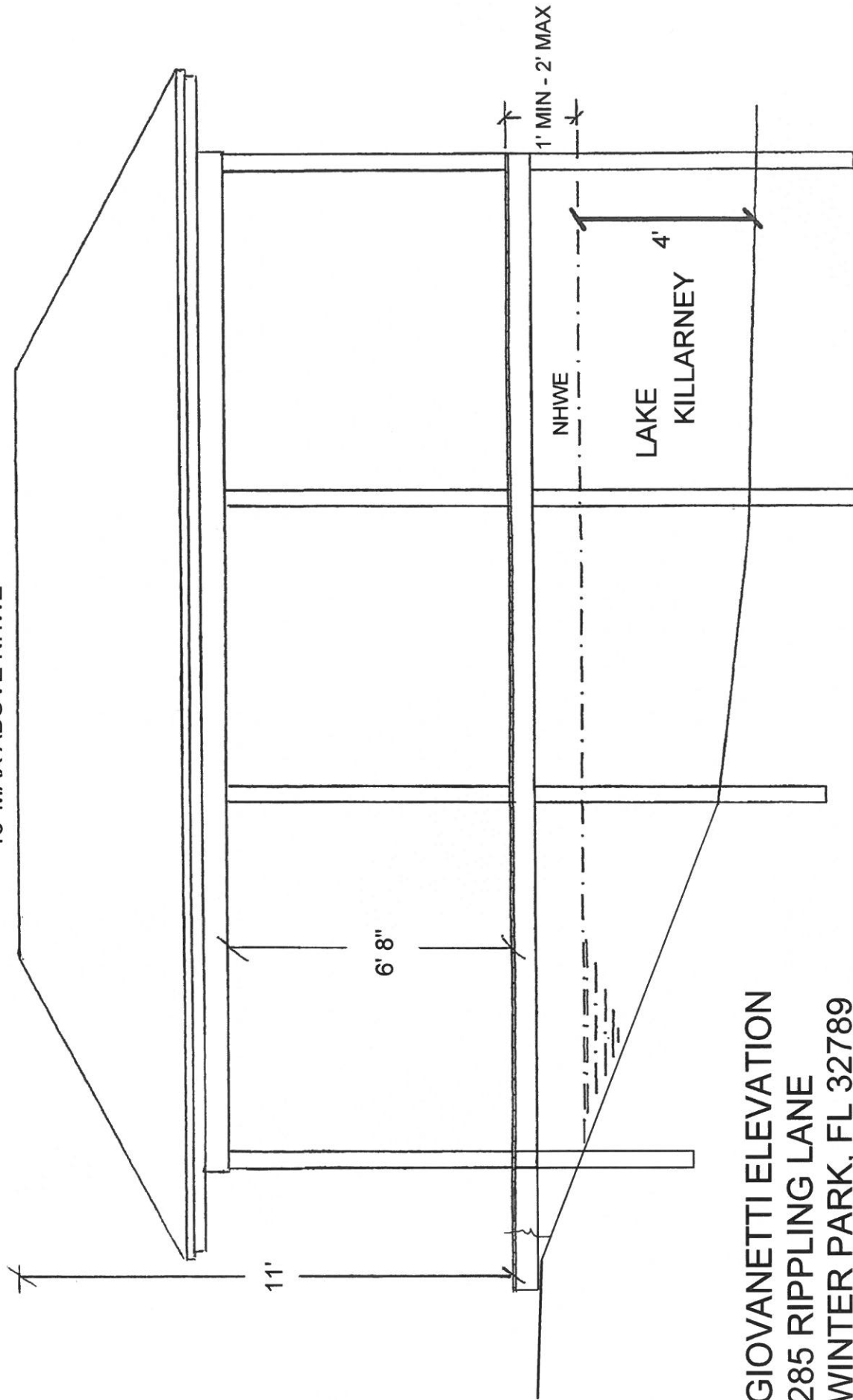


|                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Field Date: 8/25/2021                                                                                                                                                                                                                                                                                                                                                                                                     | Date Completed: 08/26/21                                                                                                                                                                                                                                                                                                                                                                                                                                               | NOTES:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | I hereby certify that this Boundary Survey of the above Described Property is True and Correct to the Best of my Knowledge and Belief as recently Surveyed under my Direction on the Date Shown, Based on Information furnished to me as Noted and Conforms to the Standards of Practice for Land Surveying in the State of Florida in accordance with Chapter 65-17, 682 Florida Administrative Codes, Pursuant to Section 472.027 Florida Statutes. |
| Drawn By: P.                                                                                                                                                                                                                                                                                                                                                                                                              | File Number: JS-93569                                                                                                                                                                                                                                                                                                                                                                                                                                                  | >Survey is Based upon the Legal Description Supplied by Client.<br>>Abutting Properties Deeds have NOT been Researched for Gaps, Overlaps and/or Hiatus.<br>>Subject to any Easements and/or Restrictions of Record.<br>>Bearing basis shown hereon, is Assumed and based upon the Line Denoted with a "B".<br>>Building This is NOT to be used to reconstruct Property Lines.<br>>Fence Ownership is NOT determined.<br>>Roof Overhangs, Underground Utilities and/or Footers have NOT been located UNLESS otherwise noted.<br>>Septic Tanks and/or Drainfield locations are approximate and MUST be verified by appropriate Utility Location Companies.<br>>Use of This Survey for Purposes other than Intended, Without Written Verification, Will be at the User's Sole Risk and Without Liability to the Surveyor. Nothing Hereon shall be construed to give ANY Rights or Benefits to Anyone Other than those Certified. |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Legend:</b><br>C - Calculated<br>CB - Centerline<br>CM - Concrete Monument<br>Conc. - Concrete<br>DE - Description<br>E - Easement<br>E.M.A. - Federal Emergency Management Agency<br>FFE - Finished Floor Elevation<br>Fnd. - Found<br>IP - Iron Pipe<br>L - Length (Arc)<br>M - Measured<br>M&D - Nail & Disk<br>N.R. - Non-Radial<br>ORB - Official Records Book<br>P - Plat<br>P.B. - Plat Book<br>-W - Wood Fence | PC - Point of Curvature<br>Pg. - Page<br>PI - Point of Intersection<br>P.O.B. - Point of Beginning<br>P.O.L. - Point on Line<br>PP - Power Pole<br>PRM - Permanent Reference Monument<br>PT - Point of Tangency<br>R - Radius<br>Rad. - Radial<br>R&C - Rebar & Cap<br>Rec. - Recovered<br>Rid. - Roofed<br>Set - Set 1/2" Rebar & Cap "LB 7623"<br>Rebar - Typical<br>UE - Utility Easement<br>WM - Water Meter<br>Δ - Delta (Central Angle)<br>-C - Chain Link Fence | <b>POINTS OF INTEREST:</b><br>DRIVEWAY, BRICK WALL, DROP INLET, A/C PADS & GREEN HOUSE EXTEND INTO EASEMENTS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | FOR THE FIRM<br>Patrick K. Ireland, P.S., 6637 LB 7623<br>This Survey is intended ONLY for the use of Said Certified Parties. This Survey NOT VALID UNLESS signed and Embossed with Surveyor's Seal.<br><b>Ireland &amp; Associates Surveying, Inc.</b><br>800 Currency Circle   Suite 1020<br>Lake Mary, Florida 32746<br>www.Irelandsurveying.com<br>Office-407.678.3366 Fax-407.320.8165                                                           |

GIOVANETTI PLAN VIEW  
285 RIPPLING LANE  
WINTER PARK, FL 32789



13' MAX ABOVE NHWE

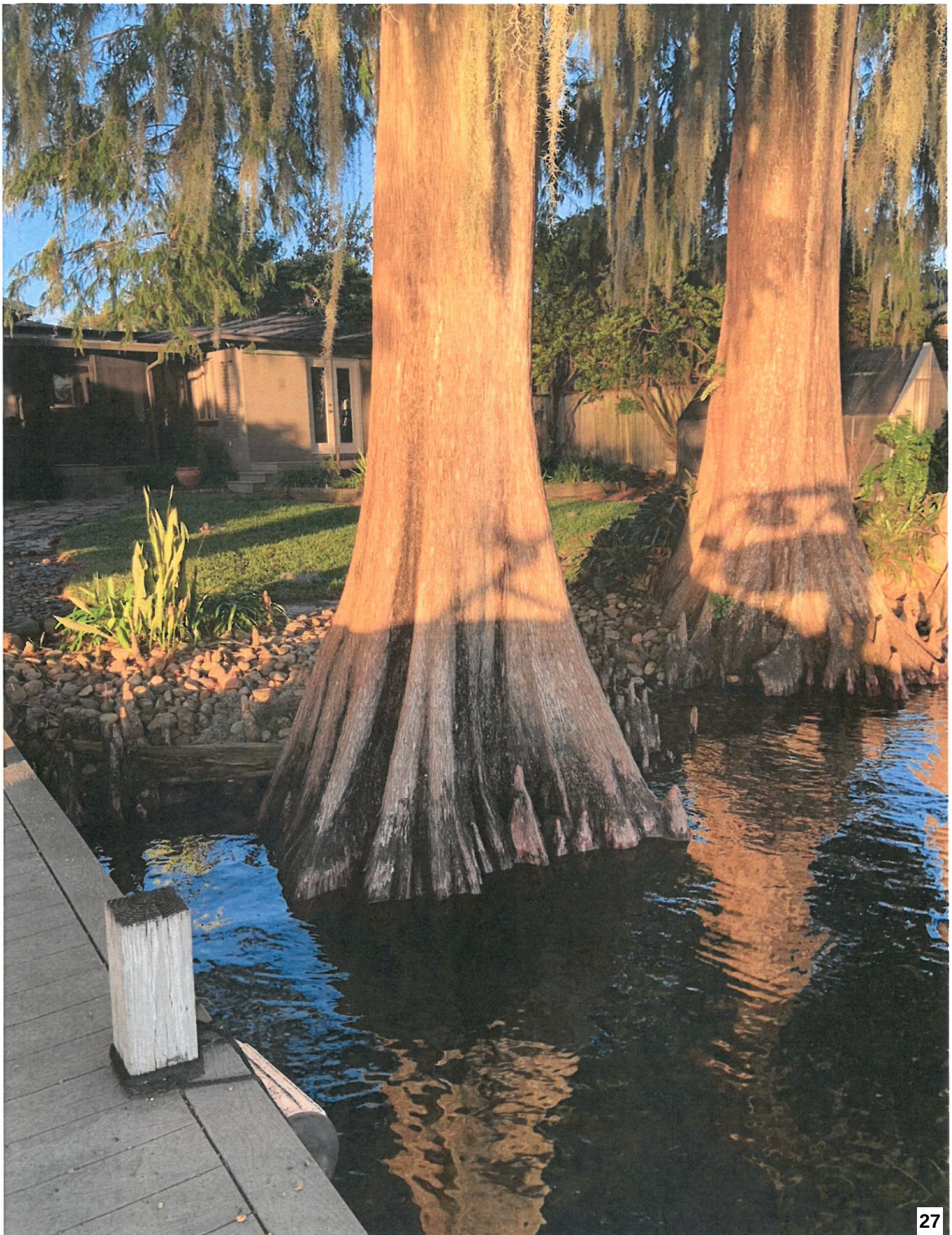


GIOVANETTI ELEVATION  
285 RIPPLING LANE  
WINTER PARK, FL 32789



26



















I, HARRY SOMMER, owner of the property located at 301 Rippling Lane, in the City of Winter Park, have reviewed my adjacent property owner's proposed boat dock plans and have no objection to the project, which will have a 5' side setback from our shared projected property boundary.

The dock will be constructed at the location and per the dimensions on attached drawing.

[Signature]

(Signature)

10/25/21

(Date)

HARRY SOMMER

(Print Name)

ACKNOWLEDGEMENT:

STATE OF FLORIDA

COUNTY OF Orange

The foregoing instrument was acknowledged before me this 25<sup>th</sup> day of October 2021, by

Harry Sommer



Brandy R Caldwell  
Comm. #HH044829  
Expires: May 31, 2023  
Bonded Thru Aaron Notary

[Signature]  
(Signature of Notary Public – State of Florida)

Personally Known X OR Produced Identification \_\_\_\_\_

Type of Identification Produced \_\_\_\_\_



## Lakes & Waterways Advisory Board

# agenda item

|                     |                 |              |                                                |
|---------------------|-----------------|--------------|------------------------------------------------|
| item type           | Public Hearings | meeting date | December 14, 2021                              |
| prepared by         | Melissa Meade   | approved by  | Troy Attaway, Michelle del Valle, Randy Knight |
| board approval      | In Progress     |              |                                                |
| strategic objective |                 |              |                                                |

### subject

BLDR-2021-2278 1571 Harris Circle

### motion / recommendation

### background

### alternatives / other considerations

### fiscal impact

### ATTACHMENTS:

[BLDR-2021-2278 Packet](#)



# BLDR-2021-2278

## 1571 Harris Circle

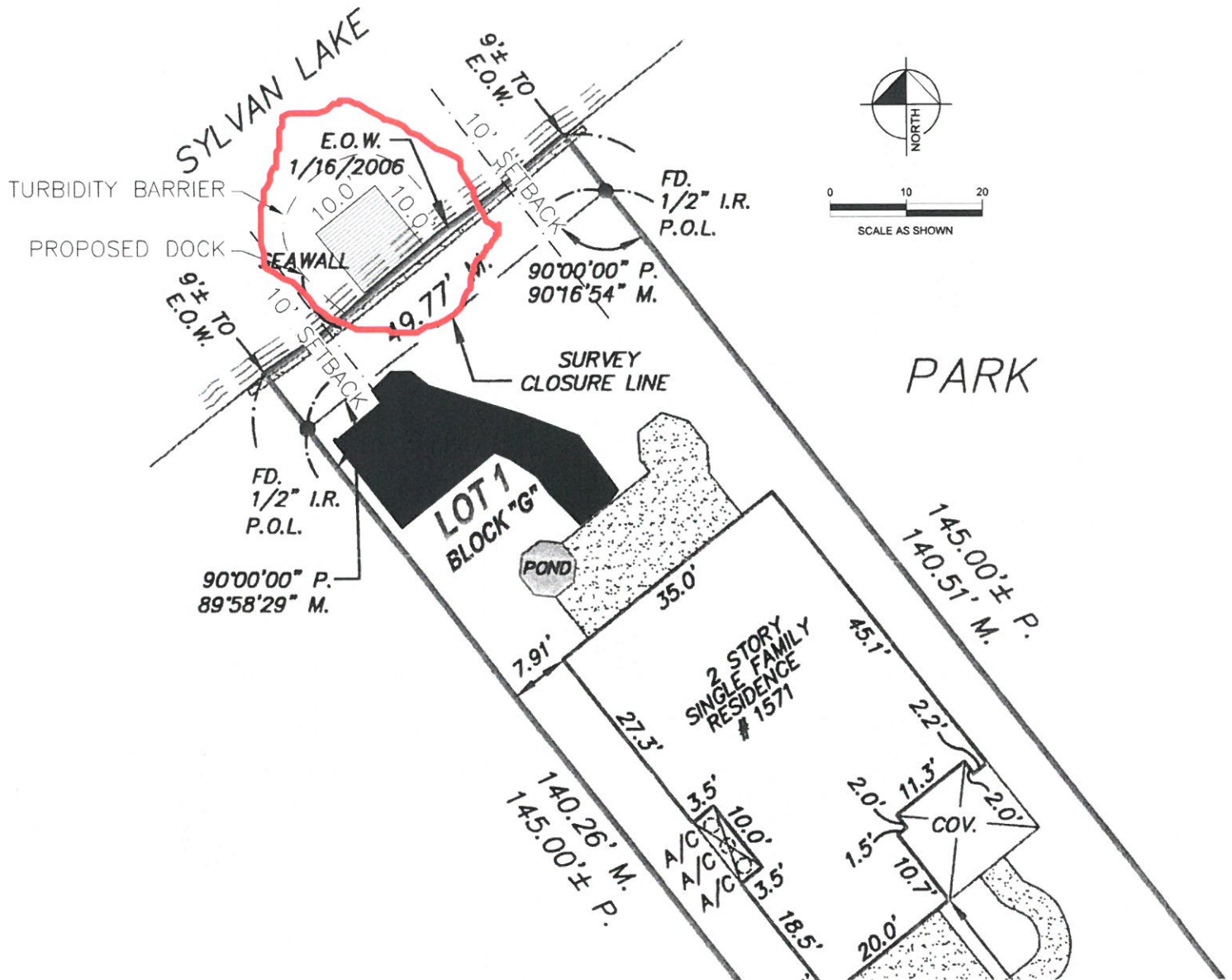
- Applicant: Xin Li and Hong Ji
- Contractor: Secured Dock Builders, Inc.
- Structure: Dock
- New/Existing: New
- Waterbody: Sylvan

# Parameters

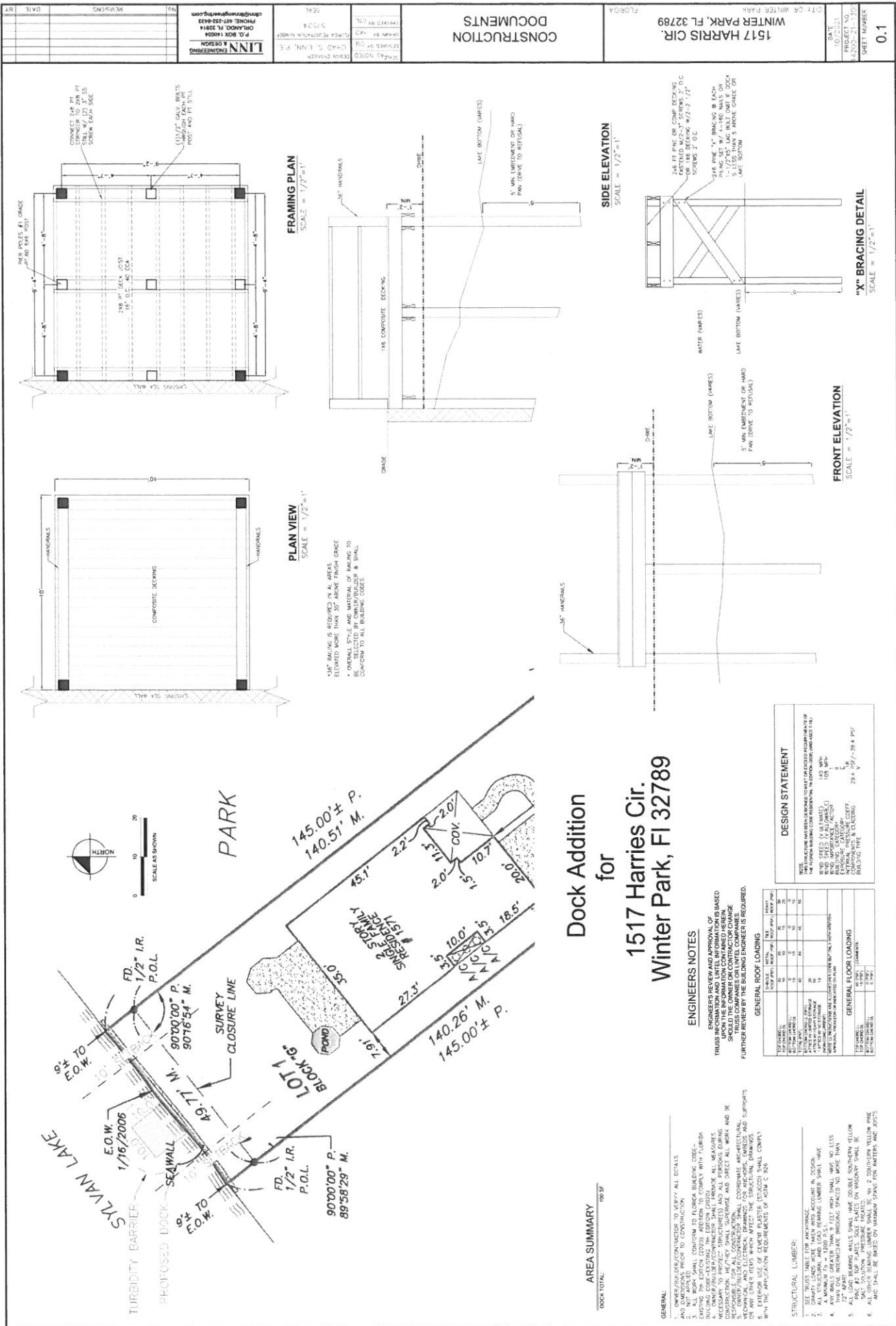
| Dock Parameter                 | Proposed | Allowed                                                           | Variance Req.? |
|--------------------------------|----------|-------------------------------------------------------------------|----------------|
| Total Area (ft <sup>2</sup> )  | 100      | 600 max                                                           |                |
| Length from OHW (ft)           | 10'      | 30'<br>(50' on killarney with the exception of the northern cove) |                |
| Height of Roof (ft above deck) | N/A      | 11 max                                                            |                |
| Height of Deck (ft above OHW)  | 1        | 2 max                                                             |                |
| Enclosures?                    | No       | 80 ft <sup>2</sup> max<br>(no plumbing/water allowed)             |                |
| Side Yard Setback(s) (ft)      | 15       | 10 min*                                                           | N/A            |
| Meet Vegetation Criteria?      | 10       | 50% may be cleared                                                | N/A            |

Staff Recommendation: **Approval**  
Reviewed by: Jake Allman



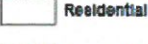
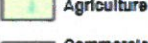
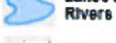
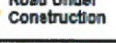
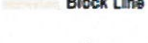
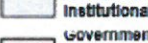
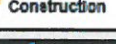
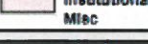
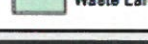


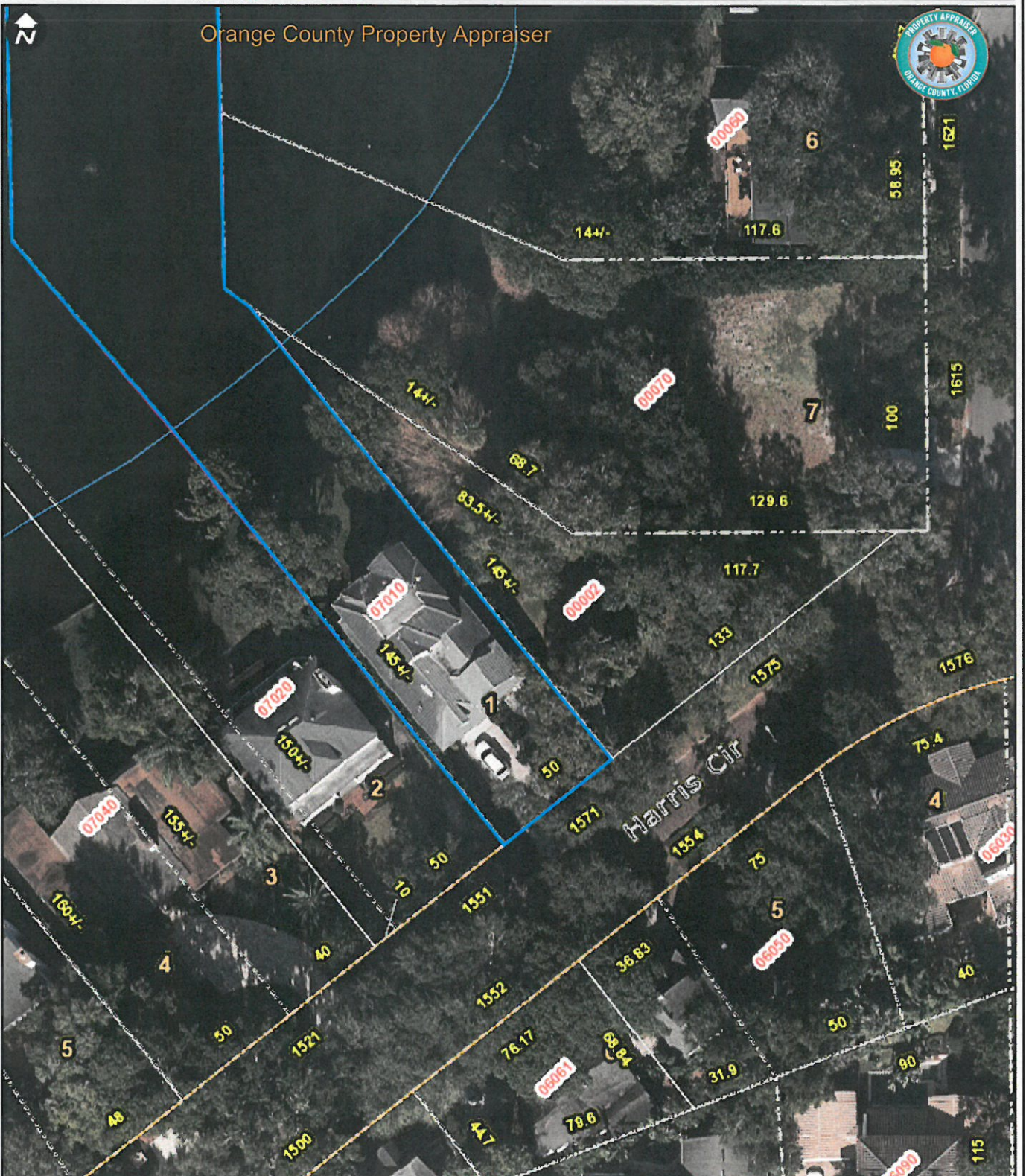
Dock Addition  
for  
1517 Harris Circle  
Winter Park, FL 32789





# OCA Web Map

|                                                                                   |                  |                                                                                   |                         |                                                                                   |                                 |                                                                                    |                          |                                                                                     |                                   |                                                                                     |                  |                                                                                     |       |                |
|-----------------------------------------------------------------------------------|------------------|-----------------------------------------------------------------------------------|-------------------------|-----------------------------------------------------------------------------------|---------------------------------|------------------------------------------------------------------------------------|--------------------------|-------------------------------------------------------------------------------------|-----------------------------------|-------------------------------------------------------------------------------------|------------------|-------------------------------------------------------------------------------------|-------|----------------|
|  | Florida turnpike |  | Public Road             |  | Proposed Road                   |   | Residential              |   | Commercial/Industrial/Vacant Land |  | Park             |  | 6     | Lot Number     |
|  | Interstate 4     |  | Gated Road              |  | Brick Road                      |   | Agriculture              |   | Agricultural Curtilage            |  | Lakes and Rivers |  | 06060 | Parcel Number  |
|  | Toll Road        |  | Road Under Construction |  | Block Line                      |   | Commercial/Institutional |   | Hydro                             |  | Building         |  | 3106  | Parcel Address |
|                                                                                   |                  |  | Lot Line                |  | Governmental/Institutional/Misc |  | Waste Land               |  | E                                 |  | 111.9            | Parcel Dimension                                                                    |       |                |



Created: 9/29/2021 13:47 Aerial 2021

This map is for reference only and is not a survey



## Lakes & Waterways Advisory Board

# agenda item

|                            |                                                            |
|----------------------------|------------------------------------------------------------|
| item type Public Hearings  | meeting date December 14, 2021                             |
| prepared by Melissa Meade  | approved by Troy Attaway, Michelle del Valle, Randy Knight |
| board approval In Progress |                                                            |
| strategic objective        |                                                            |

### subject

BLDR-2021-2371 530 Country Club Drive

### motion / recommendation

### background

### alternatives / other considerations

### fiscal impact

### ATTACHMENTS:

[BLDR-2021-2371 Packet](#)



# BLDR-2021-2371

## 530 Country Club Dr.

- Applicant: Will and Jeanie Dunn
- Contractor: C&M Construction Co, Inc..
- Structure: Dock
- New/Existing: New
- Waterbody: Killarney

# Parameters

Note: This dock location and setback has been previously approved by City Commission in the site plan approval for this development.

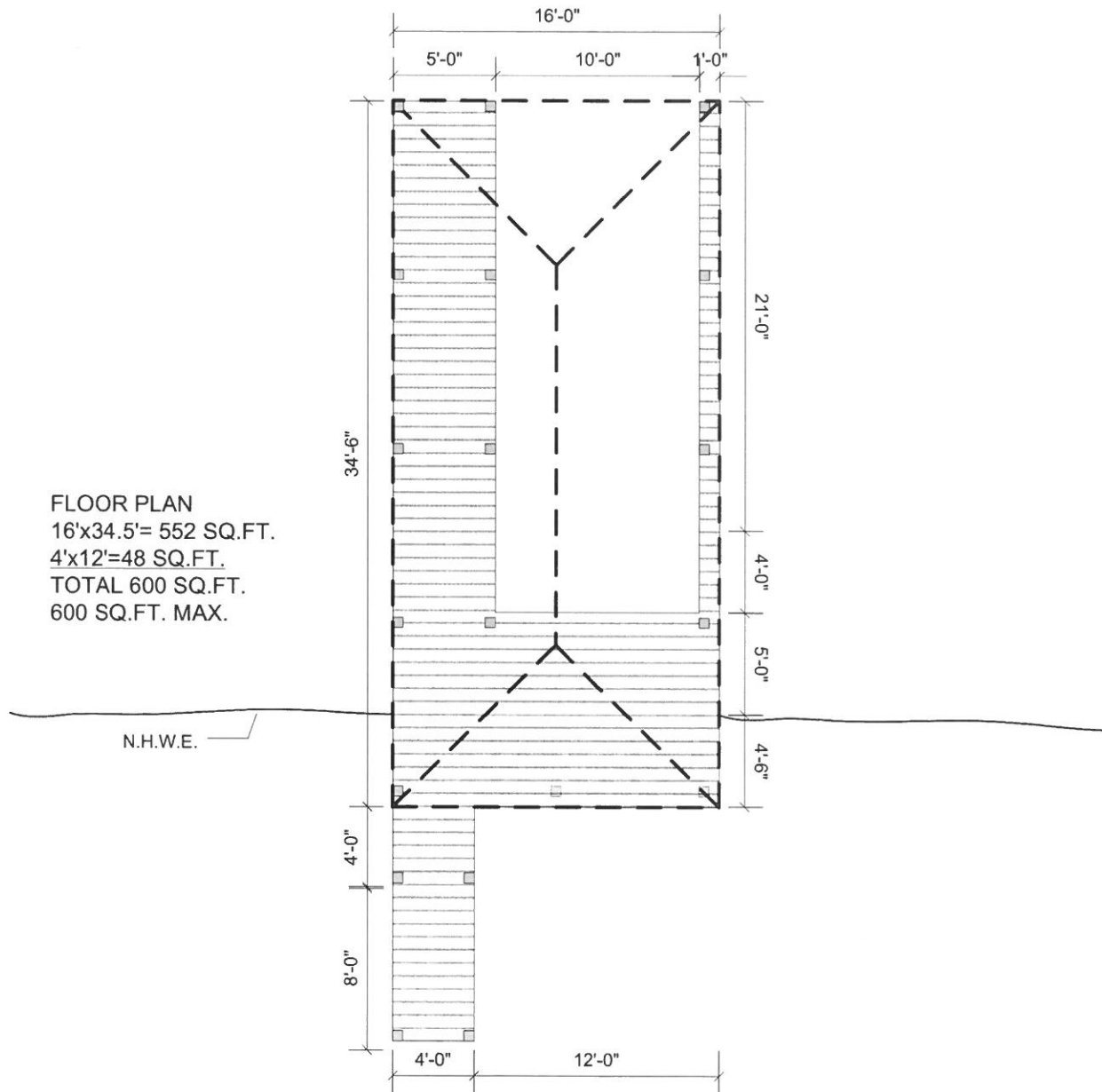
| Dock Parameter                 | Proposed | Allowed                                                           | Variance Req.? |
|--------------------------------|----------|-------------------------------------------------------------------|----------------|
| Total Area (ft <sup>2</sup> )  | 600      | 600 max                                                           |                |
| Length from OHW (ft)           | 30'      | 30'<br>(50' on killarney with the exception of the northern cove) |                |
| Height of Roof (ft above deck) | 10' 4"   | 11 max                                                            |                |
| Height of Deck (ft above OHW)  | 2        | 2 max                                                             |                |
| Enclosures?                    | No       | 80 ft <sup>2</sup> max<br>(no plumbing/water allowed)             |                |
| Side Yard Setback(s) (ft)      | >2       | 10 min*                                                           | N/A            |
| Meet Vegetation Criteria?      | No       | 50% may be cleared                                                | N/A            |

Staff Recommendation: **Approval**  
Reviewed by: Jake Allman





FLOOR PLAN  
 16'x34.5' = 552 SQ.FT.  
 4'x12' = 48 SQ.FT.  
 TOTAL 600 SQ.FT.  
 600 SQ.FT. MAX.



**C&M Carpenter  
 Construction Co., Inc.**  
 1513 Royal Circle  
 Apopka, FL 32703  
 321-229-6554

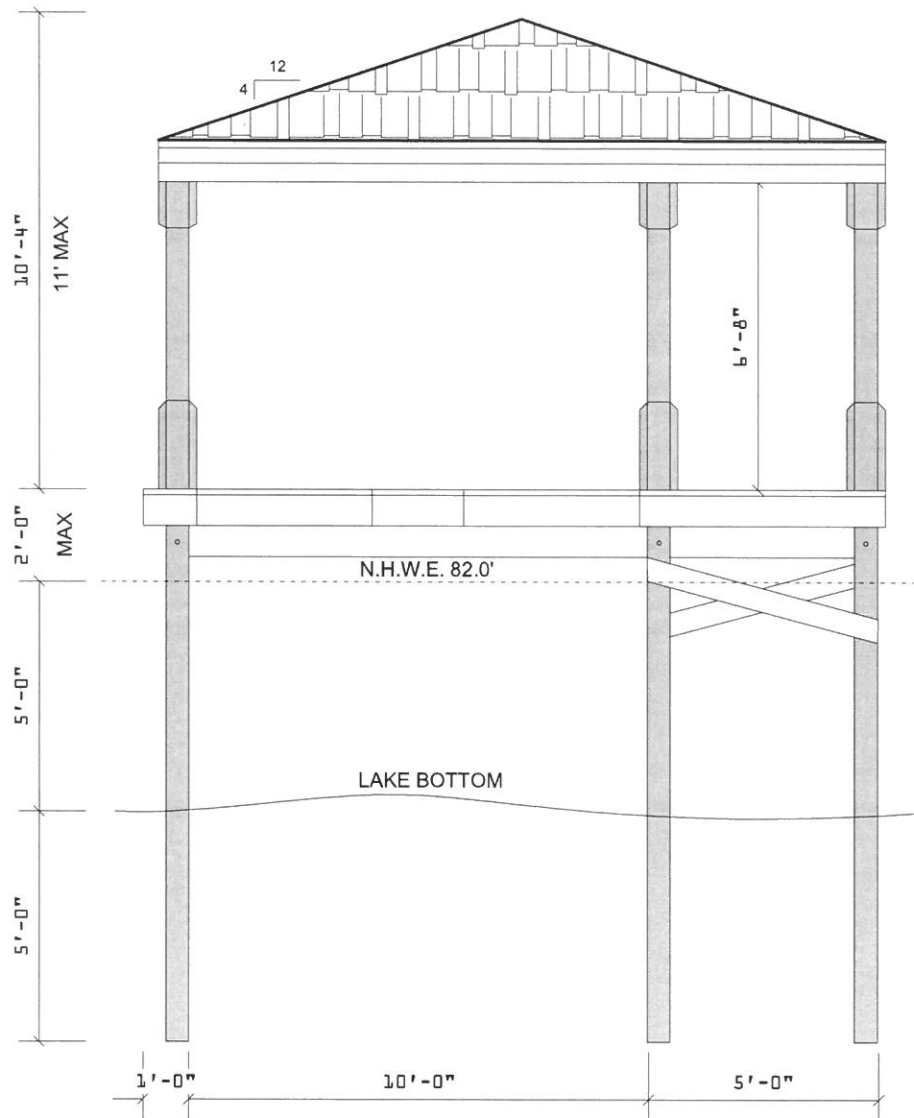
**DESIGNED FOR:**  
**City Core Holdings LLC**  
**C/O Native Homes**

**LOCATION:**  
**530 Country Club Drive**  
**Winter Park, FL 32789**

**Copyright**  
 United States Copyright Office  
 NO. 050521.001 MRC  
 SCALE: 1/8" = 1' 0"







FRONT VIEW

**C&M Carpenter  
Construction Co., Inc.**

1513 Royal Circle  
Apopka, FL 32703  
321-229-6554

**DESIGNED FOR:**  
**City Core Holdings LLC** —  
**C/O Native Homes**

**LOCATION:**  
**530 Country Club Drive**  
**Winter Park, FL 32789**

**Copyright**  
United States Copyright Office  
**NO. 050521.001 MRC**  
**SCALE: 1/8" = 1' 0"**











## Lakes & Waterways Advisory Board

# agenda item

|                     |                 |              |                                                |
|---------------------|-----------------|--------------|------------------------------------------------|
| item type           | Public Hearings | meeting date | December 14, 2021                              |
| prepared by         | Melissa Meade   | approved by  | Troy Attaway, Michelle del Valle, Randy Knight |
| board approval      | In Progress     |              |                                                |
| strategic objective |                 |              |                                                |

### subject

BLDR-2021-2377 520 Country Club Drive

### motion / recommendation

### background

### alternatives / other considerations

### fiscal impact

### ATTACHMENTS:

[BLDR-2021-2377 Packet](#)

# BLDR-2021-2377

## 520 Country Club Dr.

- Applicant: Alajandro Benedetti
- Contractor: C&M Construction Co, Inc..
- Structure: Dock
- New/Existing: New
- Waterbody: Killarney



# Parameters

Note: This dock location and setback has been previously approved by City Commission in the site plan approval for this development.

| Dock Parameter                 | Proposed | Allowed                                                           | Variance Req.? |
|--------------------------------|----------|-------------------------------------------------------------------|----------------|
| Total Area (ft <sup>2</sup> )  | 592      | 600 max                                                           |                |
| Length from OHW (ft)           | 30'      | 30'<br>(50' on killarney with the exception of the northern cove) |                |
| Height of Roof (ft above deck) | 10       | 11 max                                                            |                |
| Height of Deck (ft above OHW)  | 2        | 2 max                                                             |                |
| Enclosures?                    | No       | 80 ft <sup>2</sup> max<br>(no plumbing/water allowed)             |                |
| Side Yard Setback(s) (ft)      | 5        | 10 min*                                                           | N/A            |
| Meet Vegetation Criteria?      | No       | 50% may be cleared                                                | N/A            |

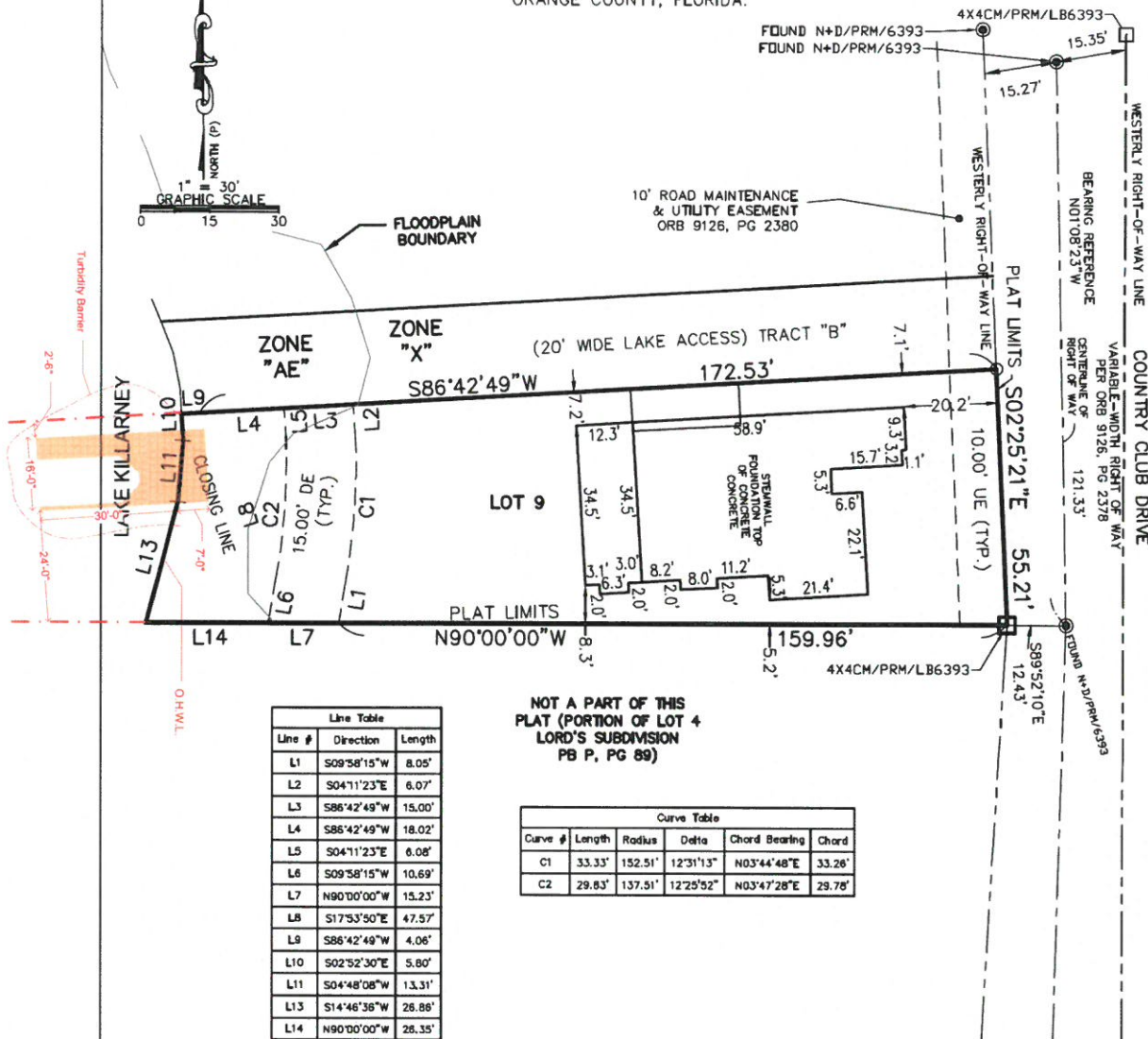
Staff Recommendation: **Approval**  
Reviewed by: Jake Allman

# BOUNDARY AND AS-BUILT SURVEY

DESCRIPTION: (AS FURNISHED)

LOT 9, LAKE KILLARNEY SHORES

AS RECORDED IN PLAT BOOK 95, PAGE(S) 38-40, OF THE PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA.



## NOTES:

- PROPERTY CORNERS SHOWN HEREON WERE SET/FOUND ON 03/31/21, UNLESS OTHERWISE SHOWN.
- THE SURVEYOR HAS NOT ABSTRACTED THE LAND SHOWN HEREON FOR EASEMENTS, RIGHT OF WAY, RESTRICTIONS OF RECORD WHICH MAY AFFECT THE TITLE OR USE OF THE LAND.
- NO UNDERGROUND IMPROVEMENTS HAVE BEEN LOCATED EXCEPT AS SHOWN.
- ALL DIMENSIONS WERE VERIFIED IN THE FIELD AND SHOWN UPON THIS DRAWING.
- ELEVATIONS ARE BASED ON NATIONAL GEODETIC SURVEY DISK WITH DESIGNATION (L 651 004), BEING A BRASS DISK SET ON SOUTH SIDE OF DROP INLET AT INTERSECTION OF LEE ROAD AND TURNER ROAD, HAVING AN ELEVATION OF 89.98' (NAVD 88 DATUM).

## LEGEND:

- NAIL & DISC TO BE RESET ACCORDING TO PLAT
- FOUND MONUMENT
- PRC FOUND IRON ROD AND CAP
- FP FOUND IRON PIPE
- CP CONCRETE PAD
- CBW CONCRETE BLOCK WALL
- CWA CORNER NOT ACCESSIBLE
- CP CONCRETE PAD
- CS CONCRETE SLAB
- C/W CONCRETE WALK
- F.E.M.A. FEDERAL EMERGENCY MANAGEMENT AGENCY
- F.I.R.M. FLOOD INSURANCE RATE MAP
- ID IDENTIFICATION
- LB LICENSED BUSINESS
- LS LICENSED SURVEYOR
- EOP EDGE OF PAVEMENT
- RWM RECLAIM WATER METER
- PP POWER POLE
- (P) PER PLAT
- PC POINT OF CURVATURE
- PCC POINT OF COMPOUND CURVE
- PCP PERMANENT CONTROL POINT
- PI POINT OF INTERSECTION
- PK PARKER KALON
- POC POINT ON CURVE
- POL POINT ON LINE
- PRC POINT OF REVERSE CURVATURE
- PRM PERMANENT REFERENCE MONUMENT
- PSM PROFESSIONAL SURVEYOR AND MAPPER
- PT POINT OF TANGENCY
- SQ. FT. SQUARE FEET
- S/W SIDEWALK
- GA GUY ANCHOR
- PP POWER POLE
- UE UTILITY EASEMENT
- RM, SE/UE ROAD MAINTENANCE & SIDEWALK/UTILITY EASEMENT

**FLOOD NOTE:**  
I HAVE EXAMINED THE F.I.R.M. RATE MAP MAP NO. 12117C0255F, WHICH BEARS AN EFFECTIVE DATE 09/28/2007, AND FOUND THE SUBJECT PROPERTY APPEARS TO BE IN ZONE X, AREA OUTSIDE THE 100 YEAR FLOOD PLAIN. THE SURVEYOR MAKES NO GUARANTEES AS TO THE ABOVE INFORMATION. PLEASE CONTACT THE LOCAL F.E.M.A. AGENT FOR VERIFICATION.

**BEARING BASIS:**  
BEARINGS SHOWN HEREON ARE BASED ON THE CENTERLINE OF COUNTRY CLUB DRIVE, BEING N01°08'23"W, PER PLAT.

(FIELD DATE) 03/31/21

SCALE: 1" = 30 FEET

APPROVED BY: JWB

DRAWN BY: GHF

JOB NO. G:\2016HR\1612\161216

WINTER PARK SITE -

ORANGE LOT SURVEYS LOT

9\161216 LOT 9.DWG

REVISED:

FOUNDATION: 04/02/21 GHF

**ASAM**  
AMERICAN  
SURVEYING  
& MAPPING INC.

CERTIFICATION OF AUTHORIZATION NUMBER LB#6393

3191 MAGUIRE BOULEVARD, SUITE 200

ORLANDO, FLORIDA 32803

(407) 426-7979

WWW.AMERICANSURVEYINGANDMAPPING.COM

## CERTIFICATION NOTE:

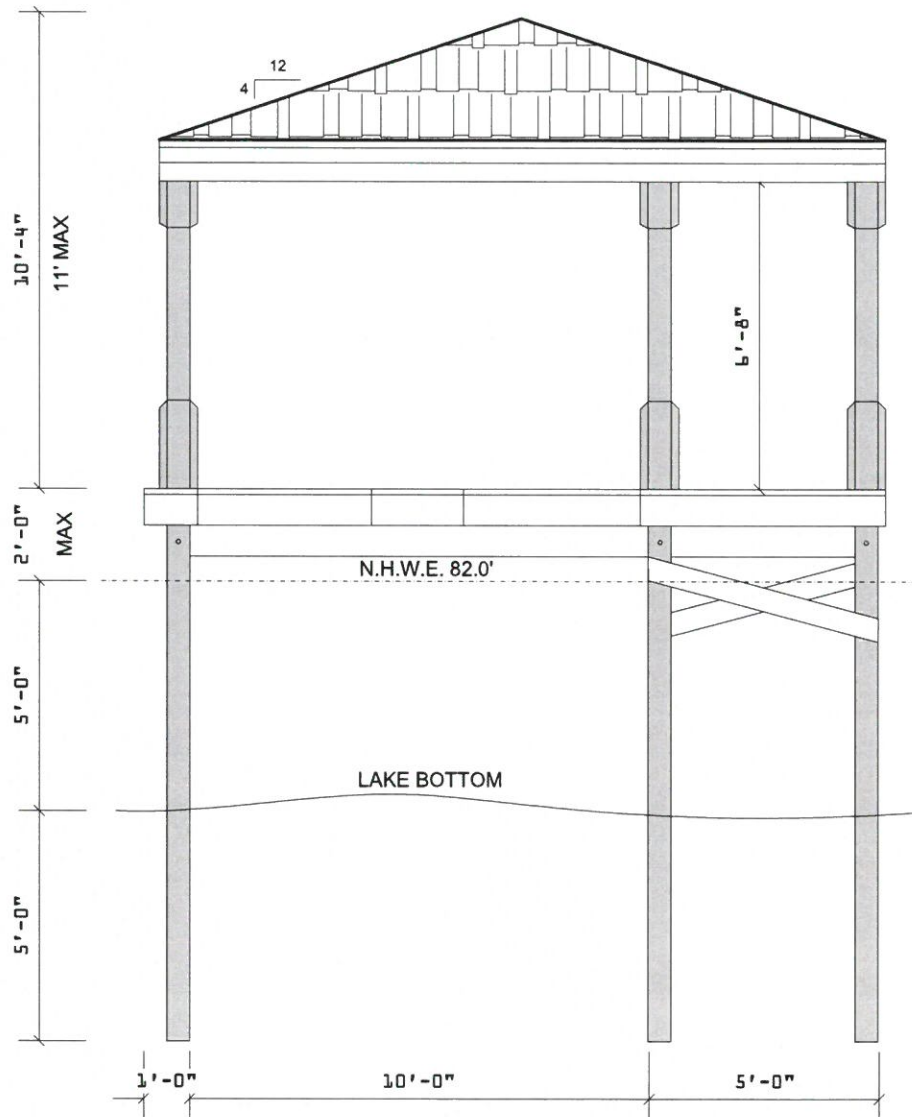
I HEREBY CERTIFY, THAT THIS SURVEY, SUBJECT TO THE SURVEYOR'S NOTES CONTAINED HEREON MEETS THE APPLICABLE "MINIMUM TECHNICAL STANDARDS" SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 54-17, FLORIDA ADMINISTRATIVE CODE PURSUANT TO CHAPTER 472.027, FLORIDA STATUTES.



Digitally signed by E. Glenn Turner  
DN: c=US, o=Florida, ou=Orlando,  
ou=American Surveying & Mapping,  
ou=American Surveying & Mapping,  
ou=E. Glenn Turner,  
email=glenn@turnerinc.com,  
Date: 2021.04.06 15:03:22-0400

E. GLENN TURNER PSM# 5643  
THIS BOUNDARY & AS-BUILT SURVEY IS NOT VALID WITHOUT THE AUTHENTIC ELECTRONIC SIGNATURE AND THE AUTHENTIC ELECTRONIC SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.





FRONT VIEW

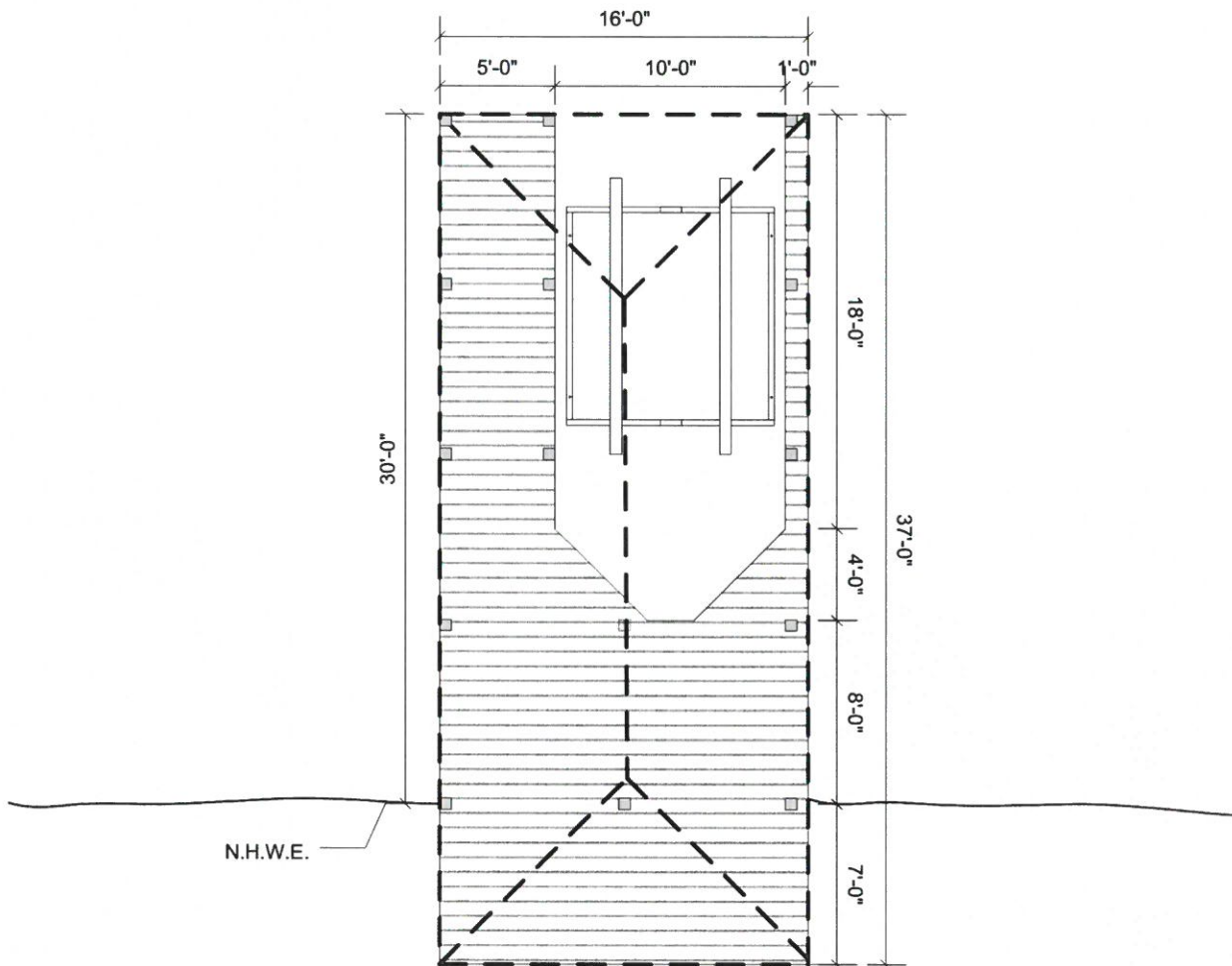
**C&M Carpenter  
Construction Co., Inc.**  
1513 Royal Circle  
Apopka, FL 32703  
321-229-6554

**DESIGNED FOR:**  
Alejandro Benedetti  
Robert Lazarus

**LOCATION:**  
520 Country Club Drive  
Winter Park, FL 32789

**Copyright**  
United States Copyright Office  
NO. 022621.001 MRC  
SCALE: 1/8" = 1' 0"





FLOOR PLAN  
 16'x37'= 592 SQ.FT.  
 600 SQ.FT. MAX.

**C&M Carpenter  
 Construction Co., Inc.**  
 1513 Royal Circle  
 Apopka, FL 32703  
 321-229-6554

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## Lakes & Waterways Advisory Board

# agenda item

|                     |                 |              |                                                |
|---------------------|-----------------|--------------|------------------------------------------------|
| item type           | Public Hearings | meeting date | December 14, 2021                              |
| prepared by         | Melissa Meade   | approved by  | Troy Attaway, Michelle del Valle, Randy Knight |
| board approval      | In Progress     |              |                                                |
| strategic objective |                 |              |                                                |

### subject

SAP-2021-0037 751 Pinetree Road

### motion / recommendation

### background

### alternatives / other considerations

### fiscal impact

### ATTACHMENTS:

[SAP-2021-0037 Packet](#)

# SAP-2021-0037

## 761 Pinetree Rd.

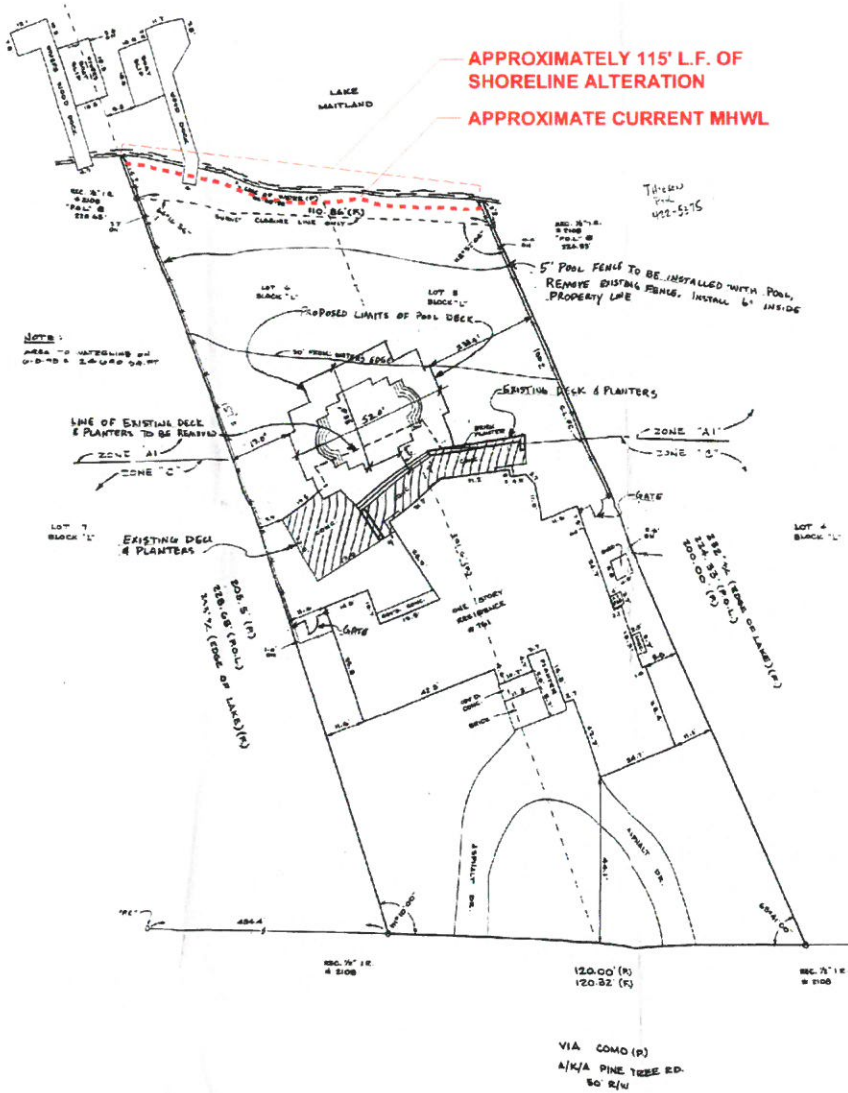
- Applicant: Michael Hoeksema
- Contractor: Michael Hoeksema
- Structure: Riprap
- New/Existing: New
- Waterbody: Lake Maitland



# Parameters

| Parameter                         | Proposed              | Allowed                            | Variance Req.? |
|-----------------------------------|-----------------------|------------------------------------|----------------|
| Length (ft)                       | 115'                  | N/A                                | N/A            |
| Slope (Horizontal:Vertical)       | 3:1                   | 3:1 min                            | No             |
| Material                          | Natural stone         | N/A                                | N/A            |
| Existing Erosion Problem (Yes/No) | Yes                   | Must have existing erosion problem | N/A            |
| Meet Vegetation Criteria?         | No. Planting required | 50% may be cleared                 | N/A            |

Staff Recommendation: **Approval**  
Reviewed by: Jake Allman



DESCRIPTION AS FURNISHED:  
 Lots 3 and 6, Block 1, SICILIAN SHORES, as recorded in Plat Book O, Pages 34 and 35, Public Records of Orange County, Florida.

BOUNDARY SURVEY FOR/CRATED TO:  
 Douglas A. Hochmann  
 Holland & Knight, LLP  
 Fidelity National Title Insurance Company of New York

**GRUSENMEYER - SCOTT & ASSOC., INC. - LAND SURVEYORS**

3400 E. CLARK DR. ORLANDO, FL 32807 (407) 277-3223 FAX (407) 458-1438

DATE: 11/15/07

PROJECT: 115' L.F. OF SHORELINE ALTERATION

CLIENT: DOUGLAS A. HOCHMANN, HOLLAND & KNIGHT, LLP

FIELD NO.: 15547

DATE: 11/15/07

BY: JAMES E. SCOTT, S.L.S. (407)

FOR: DOUGLAS A. HOCHMANN, HOLLAND & KNIGHT, LLP

FOR: FIDELITY NATIONAL TITLE INSURANCE COMPANY OF NEW YORK

FIELD SHEET: 1 OF 1

DATE: 11/15/07

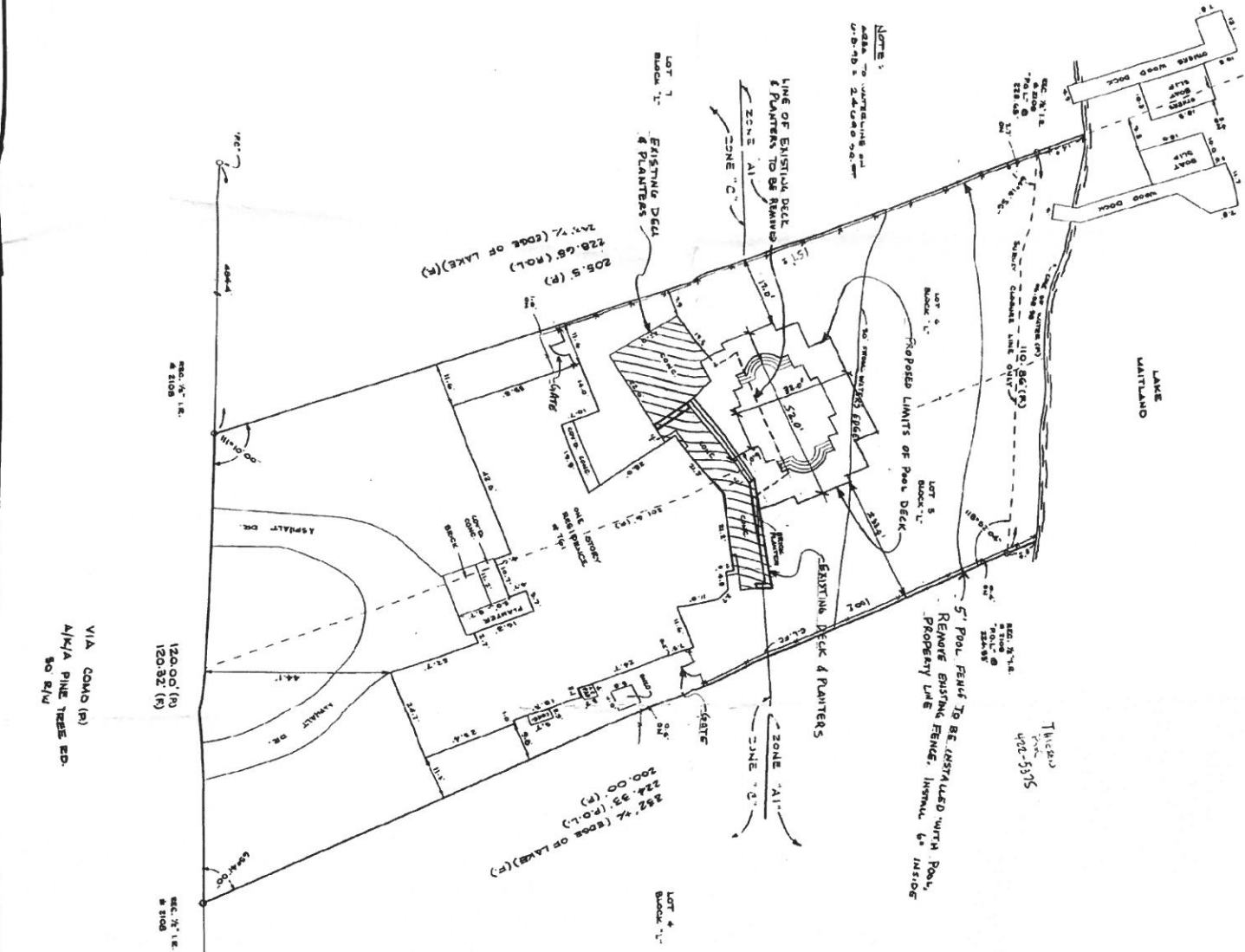
BY: JAMES E. SCOTT, S.L.S. (407)

FOR: DOUGLAS A. HOCHMANN, HOLLAND & KNIGHT, LLP

FOR: FIDELITY NATIONAL TITLE INSURANCE COMPANY OF NEW YORK



Lucie  
677-6708  
Rising Attorney  
977-1957  
Baird



**GRUSEMEYER - SCOTT & ASSOC., INC. - LAND SURVEYORS**

5401 E. CORDA DR. ORLANDO, FL 32807 (407) 277-3332 FAX (407) 658-1436

**DESCRIPTION AS FURNISHED:**  
Lots 5 and 6, Block L, SICILIAN SHORES, as recorded in Plat Book O, Pages 34 and 35, Public Records of Orange County, Florida.

**BOUNDARY SURVEY FOR/CERTIFIED TO:**  
Douglas A. Boelsma  
Holland & Knight, LLP  
Fidelity National Title Insurance Company of New York

**CERTIFIED BY:**  
[Signature]  
JAMES H. SCOTT, ELS 14607

**DATE:** 11/15/2011

**SCALE:** 1" = 30'

**NOTES:**

1. THIS SURVEY WAS MADE IN ACCORDANCE WITH THE FLORIDA SURVEYING ACT, CHAPTER 461, F.S.
2. THE SURVEY WAS MADE BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND I AM A duly Licensed Professional Surveyor in the State of Florida.
3. I HAVE PERSONALLY EXAMINED THE FIELD NOTES AND CALCULATIONS AND I CERTIFY THAT THEY ARE CORRECT AND COMPLETE.
4. I HAVE PERSONALLY EXAMINED THE PLAT AND I CERTIFY THAT IT IS A TRUE AND CORRECT REPRESENTATION OF THE FIELD NOTES AND CALCULATIONS.
5. I HAVE PERSONALLY EXAMINED THE PLAT AND I CERTIFY THAT IT IS A TRUE AND CORRECT REPRESENTATION OF THE FIELD NOTES AND CALCULATIONS.
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10. I HAVE PERSONALLY EXAMINED THE PLAT AND I CERTIFY THAT IT IS A TRUE AND CORRECT REPRESENTATION OF THE FIELD NOTES AND CALCULATIONS.

**REMARKS:**

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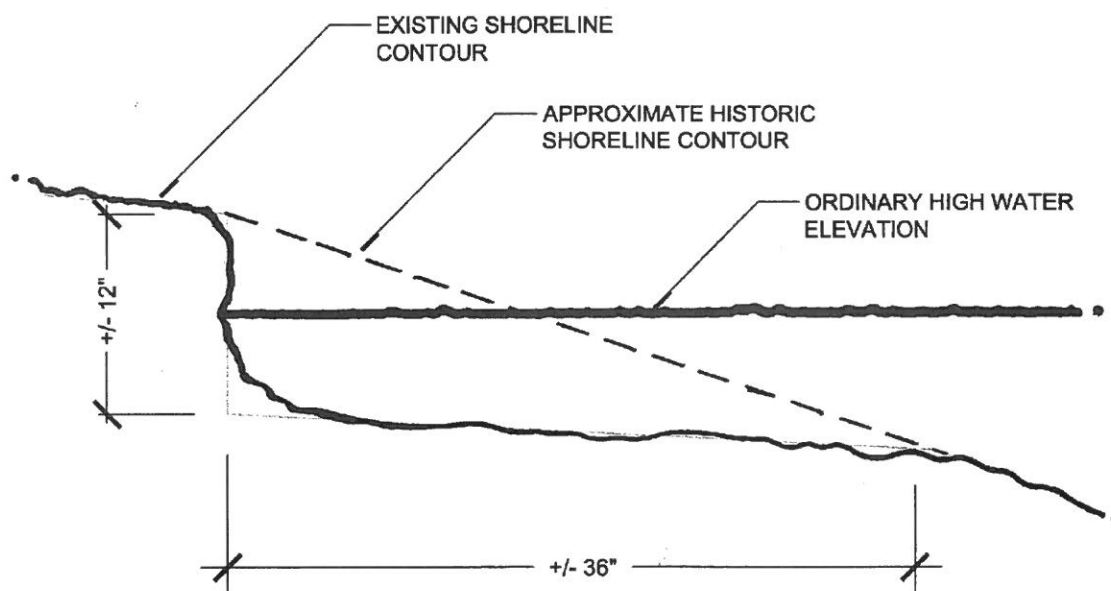
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761 PINETREE RD., WINTER PARK, FL  
SHORELINE ALTERATION PERMIT  
CITY OF WINTER PARK

09/01/21























## Lakes & Waterways Advisory Board

# agenda item

|                     |                 |              |                                                |
|---------------------|-----------------|--------------|------------------------------------------------|
| item type           | Public Hearings | meeting date | December 14, 2021                              |
| prepared by         | Melissa Meade   | approved by  | Troy Attaway, Michelle del Valle, Randy Knight |
| board approval      | In Progress     |              |                                                |
| strategic objective |                 |              |                                                |

### subject

SAP-2021-0040 2 Isle of Sicily

### motion / recommendation

### background

### alternatives / other considerations

### fiscal impact

### ATTACHMENTS:

[SAP-2021-0040 Packet](#)



# SAP-2021-0040

## 2 Isle of Sicily

- Applicant: James Bolen
- Contractor: Aquatech Erosion
- Structure: Riprap
- New/Existing: New
- Waterbody: Lake Maitland

# Parameters

| Parameter                         | Proposed               | Allowed                            | Variance Req.? |
|-----------------------------------|------------------------|------------------------------------|----------------|
| Length (ft)                       | 615'                   | N/A                                | N/A            |
| Slope (Horizontal:Vertical)       | 2:1- Pending City Comm | 3:1 min                            | No             |
| Material                          | Natural stone          | N/A                                | N/A            |
| Existing Erosion Problem (Yes/No) | Yes                    | Must have existing erosion problem | N/A            |
| Meet Vegetation Criteria?         | No. Planting required  | 50% may be cleared                 | N/A            |

Staff Recommendation: **Approval**  
Reviewed by: Jake Allman



## Description of work – Rip-Rap Installation

### Owner:

- a. Name: James Bolen
- b. Address: 2 Isle of Sicily    Parcel Number: 31-21-30-0000-00-011

### Contractor:

- c. Name: Jeff Parker- Aquatech Erosion
- d. Phone Number: (407)591-9168

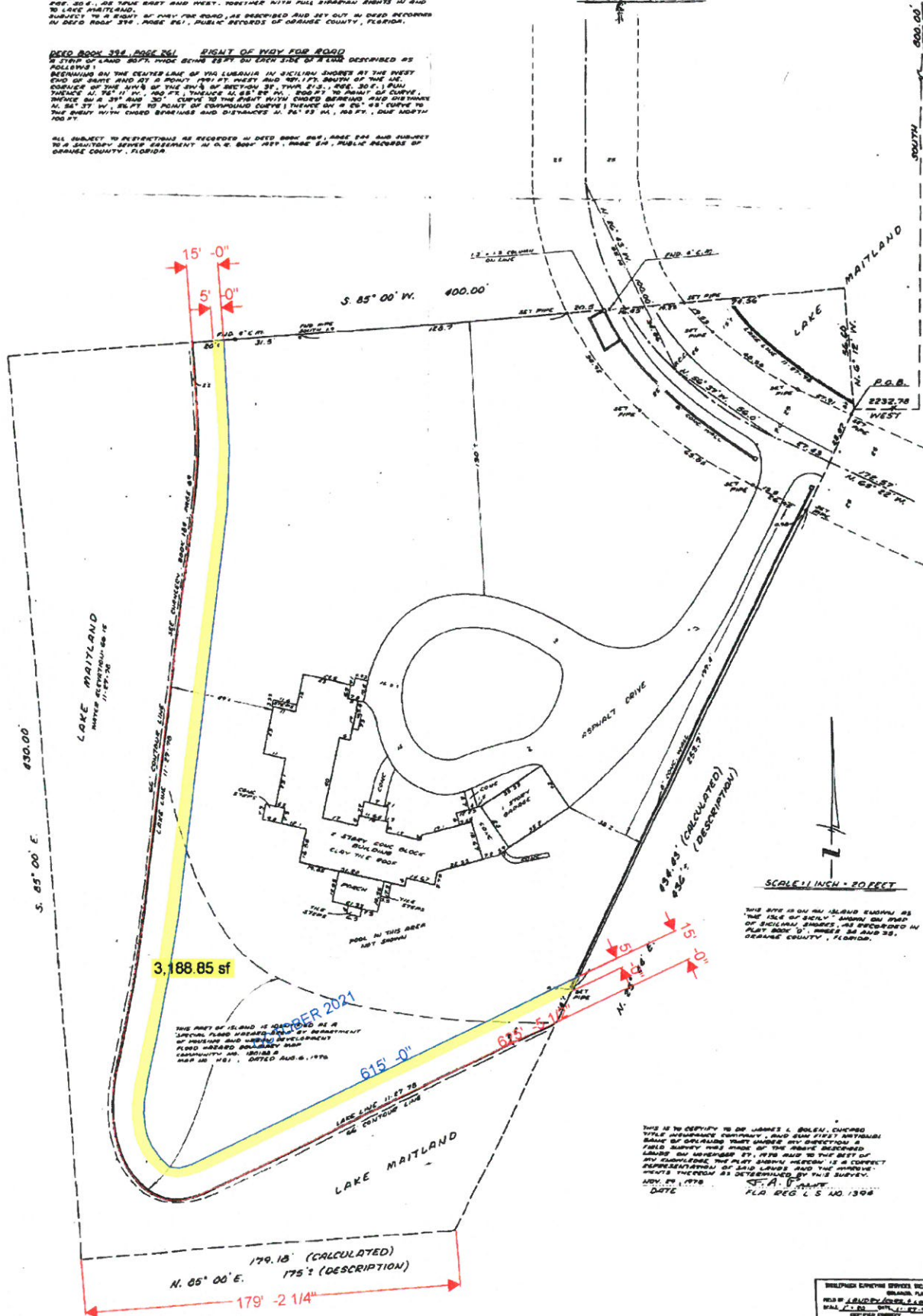
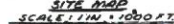
### Description of Activity:

The purpose of the proposed activity is to halt continuous erosion along the shoreline in the above-mentioned residential property. Shoreline measures 615ft compared to 625ft back in 1976 (refer to survey). This Parcel's shoreline has receded inward a total of 15 ft since 1976. Owner has been continuously tracking the recession of the affected shoreline through the years. The property is located on Lake Maitland in which there is heavy boating activity due to the properties' peninsula shaped shoreline there is increased deterioration when compared to other properties on the lake. The effects of the erosion are clearly visible to the naked eye and it is imperative to address this issue.

Aquatech Erosion LLC is recommending the installation of a natural stone Rip-Rap which is one of the best alternatives to amend erosion issues without impacting wildlife and promoting the growth of native vegetation along the shoreline. The water will circulate through the stones which will diminish flood impacts of the shoreline under force manure weather conditions. A type I turbidity barrier will be installed to stabilize the soil during the construction. The erosion control barrier will be correctly placed prior to beginning of work and removed once the job is completed. Activity will involve extending the shoreline 1-2 ft from the waterline outward with fill material to compensate for some of the lost soil, provide a stable material for the placement of the stones and to fill the gaps which impede the natural contour in some areas. It is estimated that Approx. 43-60 cubic yards of fill will be utilized. After proper compacting of the fill, we will proceed by the careful placement of eco-friendly control fabric. This material will be installed & wedged under the lawn. Coyote creek Florida natural stones will be installed on top of the control fabric in a 2:1 grade and a total of 3 tiers, measuring about 3-4ft outward from the shoreline. All of the debris removed will be disposed at the county dump and there will be no holding area for the soil during fill. All work will be performed in owner's property and no blockage or closures of roads will be necessary. Most of the work will be done by manually by hand. It is estimated that it will take approx. 2-3 weeks to complete the work.

DESCRIPTION

ALL SUBJECT TO RESTRICTIONS AS RECORDED IN DEED BOOK 806, PAGE 204 AND SUBJECT TO A SANITARY SEWER EASEMENT IN D.E. BOOK 187, PAGE 514, PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA.



THIS SITE IS ON AN ISLAND KNOWN AS  
"THE ISLE OF SICILY" SHOWN ON MAP  
OF SICILIAN ISLANDS, AS RECORDED IN  
PLAT BOOK D', SHEET 24 AND 25,  
ORANGE COUNTY, FLORIDA.

THIS IS TO CERTIFY TO DR. JAMES L. SOLEN, CHURCH ROAD  
TITLE INSURANCE COMPANY, AND SUN FIRST NATIONAL  
BANK OF OKLAHOMA THAT UNDER MY DIRECTION A  
FEDERAL SURVEY WAS MADE OF THE ABOVE DESCRIBED  
LANDS ON NOVEMBER 27, 1978. THE FIRST SET OF  
MY EXAMINER'S THE PLAT SHOWING HEREON IS A CORRECT  
REPRESENTATION OF SAID LANDS AND THE ABOVE-  
MENTIONED THEREON AS DETERMINED BY THIS SURVEY.

NOV. 27, 1978  
DATE  
F. A. P. [Signature]  
F. A. P. [Signature] S. M. [Signature]

BUILDING CONSTRUCTION SERVICES, INC.  
 ORLANDO, FLA.  
 FIELD OF LANDRY HOUSE, E. A. H.  
 DATE 7-1-82 DATE 1-1-87-78  
 CERTIFIED CORRECT  
 THE CORP. INC.



Lake Maitland



Top View  
Natural Stone Revetment

Type 1  
Floating  
Turbidity Barrier

Shoreline in 1976

Yard

Existing Boat Dock

Pad of Sagittarias

Water Elevation: 66.15

Notes:

-No aquatic vegetation will be removed or affected

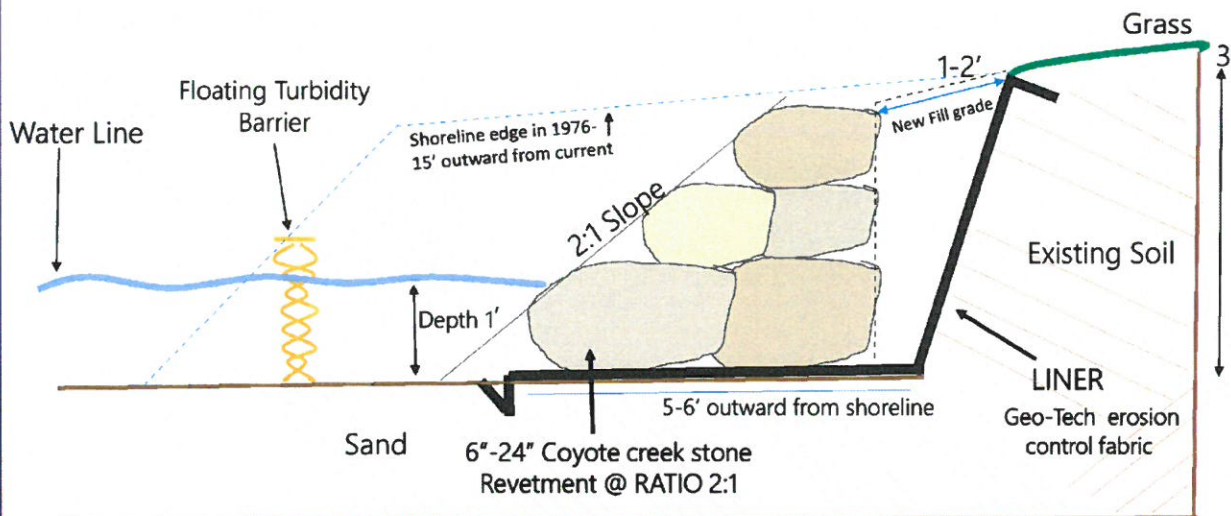
Total Shoreline Oct. 2021: 615'

Lake Maitland



Profile View  
Natural Stone Revetment

Phyllis Bolen  
31-21-30-0000-00-011  
2 Isle of Sicily,  
FL 32804



Water Elevation: 66.15

Purpose: To control erosion occurring along the shoreline  
-Project will not impact flood plain  
-Project will not impact wildlife or water quality









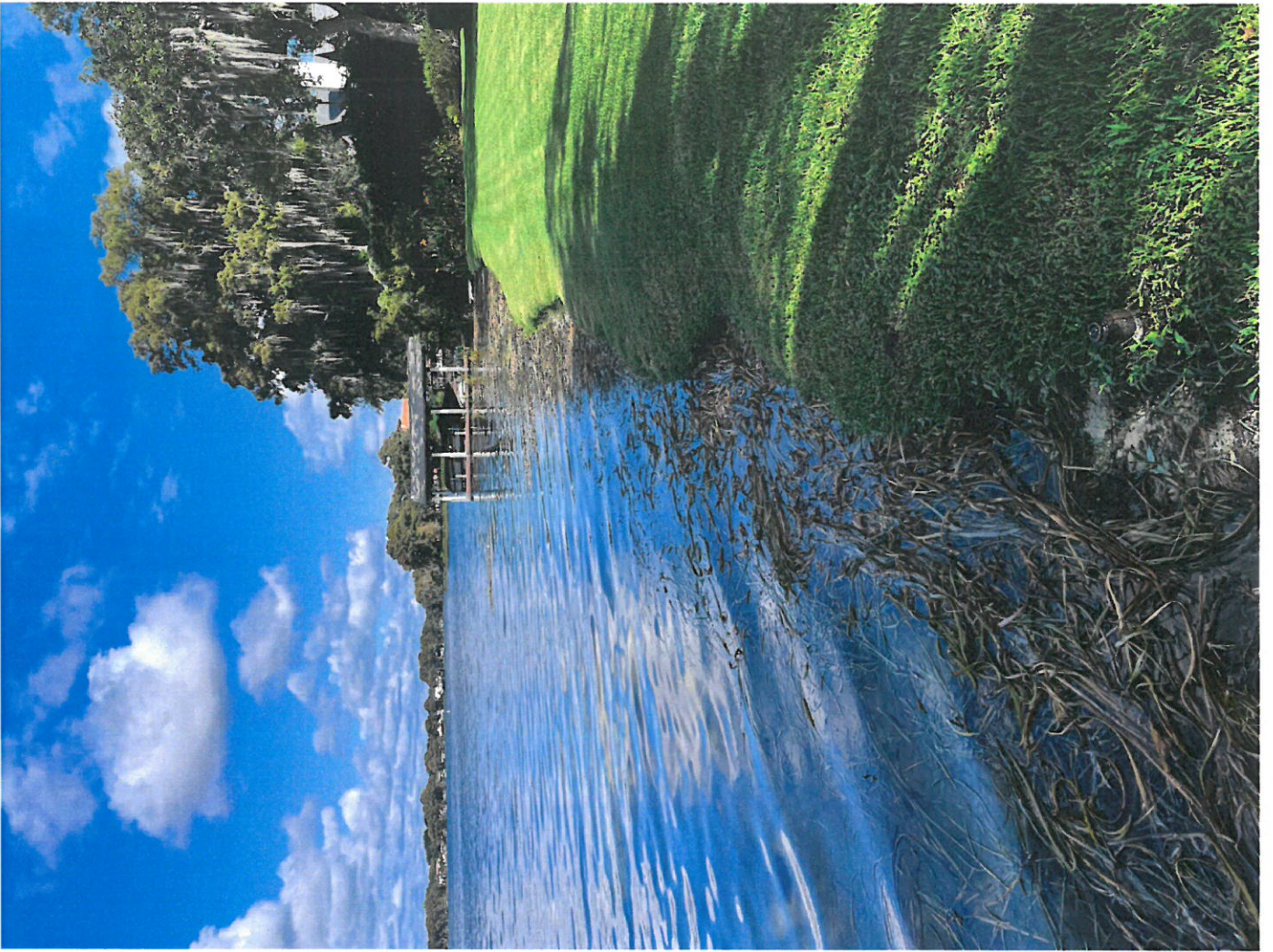








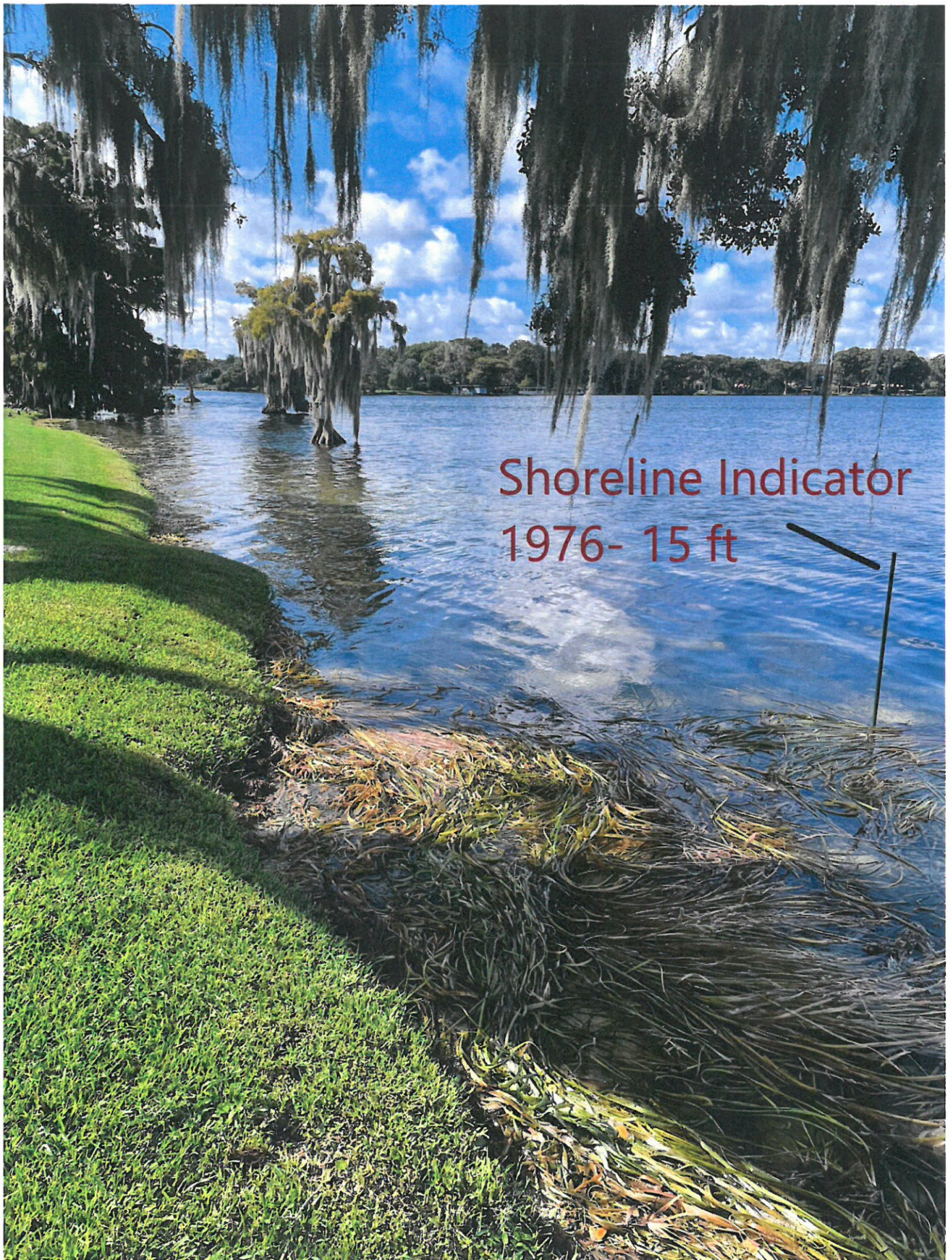












Shoreline Indicator  
1976- 15 ft