

Lakes & Waterways Advisory Board

June 17, 2015 at 12:00 noon

Winter Park Country Club •
761 Old England Ave. • Winter Park, Florida



1 administrative

Citizen Comments
Approve May 20, 2015, Minutes

2 new business

- Introduction of new board member
- Election of Chair and Vic Chair
- New Ideas

3 action items

Shoreline Permit Applications –

- SAP 15-12, Request of Loulou Hires for approval to construct a seawall/revetment at 1129 Via Delmar on Lake Tuscany.
- SAP 15-13, Request of Greg DeTardo for approval to construct a seawall/revetment at 466 Henkel Cir. on Lake Mizell.
- SAP 15-14, Request of Bill Bryan for approval to construct a boathouse/dock at 53 Palmer Ave on Lake Maitland.

Update on Lake Killarney Drainwells

4 reports

Mead Botanical Garden
Stormwater Management – Don Marcotte
Lakes Report – Tim Egan

Lakes Patrol – WP Police Dept.
Sustainability Update – Abby Gulden
City of Maitland

5 adjourn

Next meeting date July 15, 2015

**CITY OF WINTER PARK
LAKES AND WATERWAYS ADVISORY BOARD**

Regular Meeting
Winter Park Country Club
761 Old England Ave.

May 20, 2015
12:00 pm

MINUTES

Present: Todd Weaver (Chm.), Nora Miller, Amy Byrd, David Moorhead, Geoff Bedine, Marty Sullivan

Absent: Thomas Smith, Jim Barnes

City of Winter Park Staff: Troy Attaway, Public Works Director, Don Marcotte, Stormwater Eng/Asst PW Director; Tim Egan, Environmental Resource Mgr.; Amy Giannotti, Asst. Environmental Resource Mgr.; Peter Moor, Budget Manager, Michelle Neuner, Asst. City Manager; Debbie Wilkerson Recording Secretary

Guests: Steven DiClemente, Incoming board member
Kris Campbell, FWCC

CALL TO ORDER. Chm. Weaver called the Lakes and Waterways Advisory Board to order at 12:00 pm.

Citizen comments:

Conrad Necrason, 2500 Lee Rd, Unit 205 Dr. expressed concern with the current low water levels of Lk Killarney. He explained the history of the lake levels and recent changes made to the drainwells in Lake Killarney by Orange County. Mr. Attaway stated that staff had noticed that something was different in the way the lake operated and responded even before they rebuild the drainwells. He provided details about the lake's flow and results of meetings with Orange County. He commented that staff is going to restart the conversation with Orange County. Mr. Attaway also commented that Winter Park is willing to assist in efforts to make the lake function the way it used to. Mr. Egan responded to a question regarding whether it would be valuable to compare Lk Killarney to other lakes, he stated that due to various factors a lake can only be compared to itself and historically Lk Killarney has never been this low. After additional discussion the Board agreed that Chm. Weaver will write a letter to Orange County expressing the Boards' concern with Lk Killarney's water levels and requesting that they look into the issue.

administration

Approval of Minutes

Chm Weaver asked for approval of the minutes from the April 15, 2015. Motion made by Dr. Moorhead to approve the April 15, 2015 as presented, seconded by Mr. Bedine. Motion carried unanimously (7-0)

Recognition of Retiring Board Member

Chm Weaver recognized retiring Board member Marty Sullivan with a certificate of appreciation and gift. Chm Weaver also announced that alternate Amy Byrd has moved to a full member and Steven DiClemente will be joining the Board as the alternate.

new business

New Ideas
None

action items

Shoreline Permit Applications:

SAP 15-06 Request of Dennis DeVona and Lori Boardman for approval to construct a boathouse dock 701 Balmoral Rd, on Lake Berry.

This application was tabled from the April 15, 2015 meeting. Mr. Egan provided updated details of this request adding that the applicant received a variance at the April 21, 2015 Board of Adjustment meeting and staff is recommending approval. Mr. Sullivan moved that the Board take no action on this application since it is a moot point, motion died for lack of a second. Mr. Bedine moved to approve the application with the new information provided, seconded by Dr. Moorhead, motion carried unanimously.

Mr. Egan reiterated the variance process and explained that when the Lakes Board meets prior to the Board of Adjustments the Lakes Board has approved applications pending Board of Adjustments approval to eliminate a delay for the applicant.

SAP 15-07 Request of Tom and May Mooney for approval to construct a seawall at 965 Lakeview Dr. on Lake Virginia.

Mr. Egan provided details of this request, stating that the site plan is within code, staff recommended approval. Dr. Moorhead moved to approve the application, seconded by Ms. Byrd, motion carried unanimously.

SAP 15-08 Request of James L. Zboril for approval to construct a seawall at 945 Lakeview Dr. on Lake Virginia.

Mr. Egan provided details of this request, stating that the site plan is within code, staff recommended approval. Dr. Moorhead moved to approve the application, seconded by Mr. Bedine, motion carried unanimously.

SAP 15-09 Request of Jeffery and Davina Leu for approval to construct a seawall at 866 Via Lugano on Lake Maitland.

Mr. Egan provided details of this request, stating that the site plan is within code, staff recommended approval. Dr. Moorhead moved to approve the application, seconded by Mr. Bedine, motion carried unanimously.

SAP 15-10 Request of Jeffery and Davina Leu for approval to construct a boathouse/dock at 866 Via Lugano on Lake Maitland.

Mr. Egan provided details of this request, stating that the site plan is within code, staff recommended approval. Mr. Bedine moved to approve the application, seconded by Mr. Sullivan, motion carried unanimously.

SAP 15-11 Request of Rollins College for approval to construct a dock at 600 Osceola on Lake Virginia.

Mr. Egan provided details of this request, stating that the site plan is within code, staff

recommended approval. Mr. Bedine moved to approve the application, seconded by Dr. Moorhead, motion carried unanimously.

Mr. Egan reviewed the current city codes related to exterior lighting.

reports

Mead Botanical Garden

Mr. Attaway reported that the excavation for the otter pond will be complete within the next day or two. They still have to plant it and complete renovations to a portion of the existing boardwalk.

Lakes Patrol – WP Police

We are 6 weeks into the season and are seeing a decline in boat traffic perhaps related to Rollins students leaving. Lakes Patrol is still seeing 30-40 boats a day. The biggest issue is with lack of parking in the Dinky Dock parking lot.

The Lakes Patrol has tried several times to find the boats playing the loud music on Lk Maitland as reported by Mr. Barnes with no success. They will continue to try.

Stormwater Management –Don Marcotte

Mr. Marcotte presented the proposed FY 2016 Capital Improvement Projects and Five Year Plan. He commented that the Board is seeing it a month early. He reported that the stormwater is moving toward maintenance. Each project was discussed and any questions answered. Mr. Sullivan moved the adoption of the proposed CIP budget presented by staff. Dr. Moorhead seconded the motion. Motion carried unanimously.

Sustainability Report – Kris Stenger

Mr. Stenger reported on the watershed cleanup was held in April. These cleanups are part of our Keep America Beautiful grant. Another cleanup is planned for early fall. A solar powered recycler/compactor was installed at Dinky Dock. When full, the compactor sends a radio message to Parks so it can be emptied. The machine was funded by a grant from Keep Winter Park Beautiful. Mr. Stenger commented on a proposed library site that may impact a body of water in the City. Discussion ensued regarding the site, no action was taken.

Lakes Report – Tim Egan

Mr. Egan distributed water clarity reports. He also provided details on a nutrient spike this spring on Lake Sue. Ms. Giannotti responded to questions regarding increased hydrilla. She also reported that Lake Berry, Lake Baldwin and Lake Killarney were stocked with megamelus scutellaris, a bio control method to manage water hyacinth in Winter Park.

City of Maitland

No report

adjourn

Meeting adjourned at 1:24 p.m. Next meeting date June 17, 2015.

Respectfully submitted,

Debbie Wilkerson

Debbie Wilkerson
Recording Secretary

Shoreline Alteration Permit Application Staff Report (Dock/Boathouse)

Application #: 15:14 WATERBODY: Lake Maitland Date: 06/05/15

APPLICANT NAME AND SITE ADDRESS:

Bill Bryan, 53 Palmer Avenue, Winter Park, FL 32789

Dock Parameter	Proposed	Allowed	Variance yes/no/n.a.
Total Area (sq. feet)	565	600 max.	n/a
Length from OHW (feet)	30	30	n/a
Height of Roof (feet above deck)	11	11 max.	n/a
Height of Deck (feet above OHW)	1-2	2 max.	n/a
Side Yard Setback(s) (feet)	5 See comments	10 min.*	n/a
Meets Vegetation Criteria?	Yes Active S.A.P.	n/a	n/a

* Side yard setback may be reduced to 5 feet without a variance if a signed letter of no objection is obtained from the affected adjacent property owner.

Comments: Letter of no objection for 5' setback included in packet.

Staff Recommendation: Approval

Reviewed By: Timothy Egan

OCA Web Map

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

Courtesy Rick Singh, CFA, Orange County Property Appraiser



Created: 6/12/2015

This map is for reference only and is not a survey.



CITY OF WINTER PARK
SHORELINE ALTERATION PERMIT APPLICATION

Amt: \$ 75
Check#: 1136
Date: 5-27-15

General Instructions: To request approval of a Shoreline Alteration Permit Application complete this application and submit to Public Works Department (500 N. Virginia Ave., Winter Park, FL 32789) along with the applicable fee and all additional information necessary for public hearing before the Lakes & Waterways Advisory Board. All required must be submitted with application. Ten (10) complete sets of the application and plans are required. (Signed and sealed plans are **NOT** required for the Shoreline Alteration Permit)

DEADLINE IS THE FOURTH WEDNESDAY OF EACH MONTH FOR HEARING IN THE FOLLOWING MONTH.

SAP 15 : 14

Water Body: Lake Maitland
(Lake, Canal, etc.)

\$50.00 Fee for Docks Only

\$75. Fee for Boathouse & Dock

APPLICANT/CONTRACTOR

OWNER

Sheila Cichra, Streamline Permitting, Inc.

Bill Bryan

for Creative Deck & Dock, Inc.

788 Interlachen Avenue

2154 Oak Beach Blvd.
Sebring, FL 33875

Winter Park, FL 32789

Phone: (407) 450-4241

Phone: (321) 228-3101

Email: sheilacichra@gmail.com

Email: bbryan@billbryan.com

Is the property under contract for purchase or lease?

Yes No

If the applicant is NOT the owner, attach a copy of the purchase or lease contract or option on the property, or a letter signed by the owner of record authorizing the applicant to act as agent for the owner. This information is requested to establish the legal status of the applicant and will be held in confidence, except as the information pertains to the zoning application

Is the contract for purchase or lease contingent upon approval of this application? Yes No

PROPERTY

Street Address :(if different):

Name of lake, canal or stream

53 Palmer Avenue

Lake Maitland

06-22-30-5316-01-090

PARCEL NO: _____ (same as tax ID number of Orange County property tax records)

Legal Description: Provide complete and accurate legal description below including Plat Book and Page Number OR attach a copy of the legal description to this application.

LOT 9 & W 1/2 OF LOT 8 & ELY 10 FT OF LOT A, BLOCK A, ROBERT DHU MACDONALD PARK

AS PER PLAT BOOK 'O', PAGE 20

CERTIFICATION

I certify that, to the best of my knowledge and belief, all information supplied with this application is true and accurate, and that I am:

- the owner of the property described herein
- a party to an agreement for purchase or lease of this property
- an agent for the owner or purchaser/lessee of this property



Signature

[Handwritten Signature]

Date

5-21-15

SHORELINE ALTERANTION APPROVAL IS REQUIRED PRIOR TO SUBMITTING FOR A BUILDING PERMIT

I, FRANK W. BRYAN, owner of 53 Palmer Avenue, in the City of Winter Park, hereby grant permission to Sheila Cichra of Streamline Permitting, Inc. to act as my agent in obtaining all permits associated with the construction of our boat dock.

[Signature]

5-21-15

(Signature)

(Date)

(Print Name)

FRANK W. BRYAN

ACKNOWLEDGEMENT:

STATE OF FLORIDA

COUNTY OF Orange

The foregoing instrument was acknowledged before me this 21 day of

May 2015 by Bill Bryan
(NOTARY SEAL) [Signature]
(Signature of Notary Public - State of Florida)

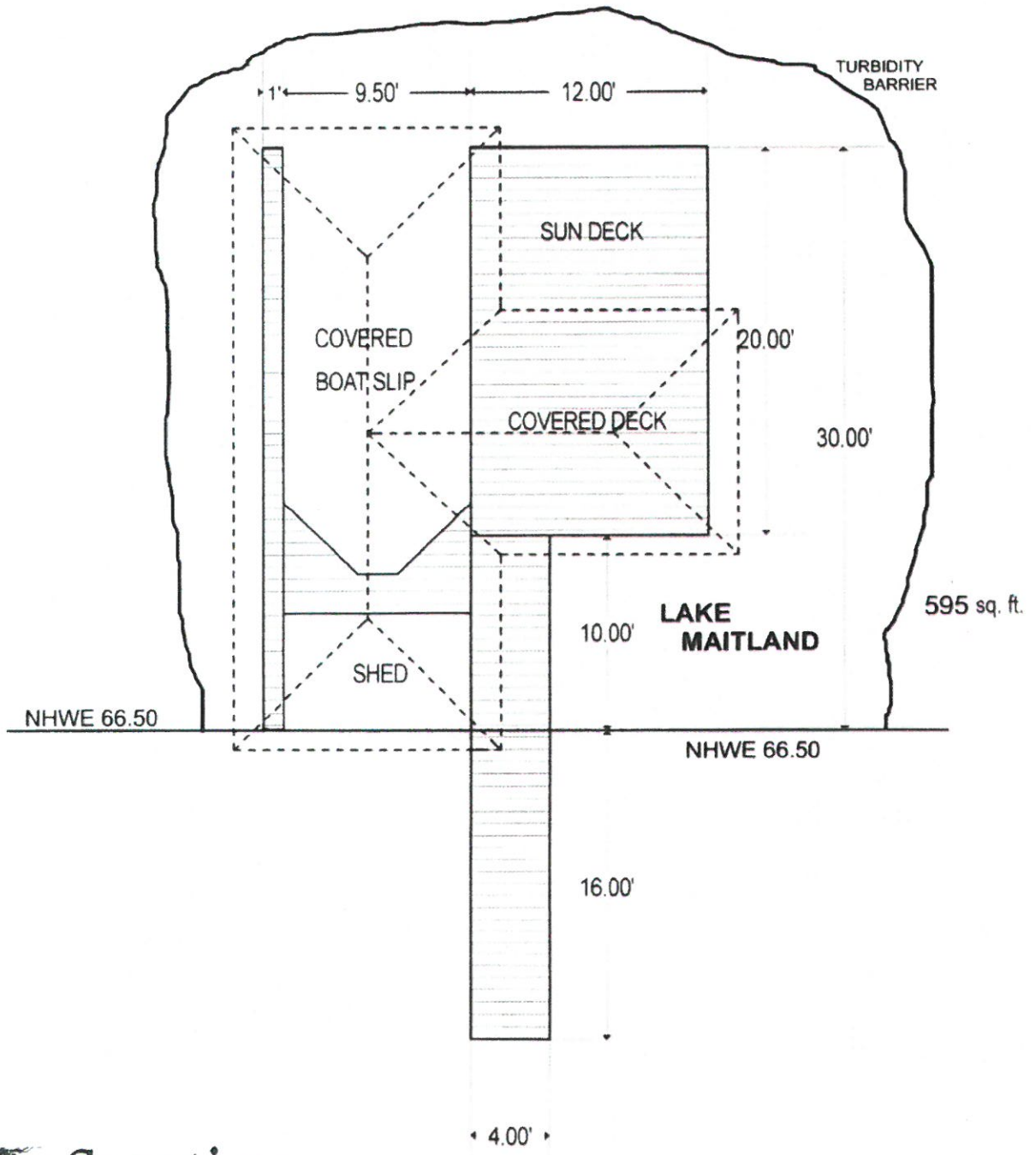
Personally Known X OR Produced Identification _____

Type of Identification Produced



BRYAN BOATHOUSE PLAN

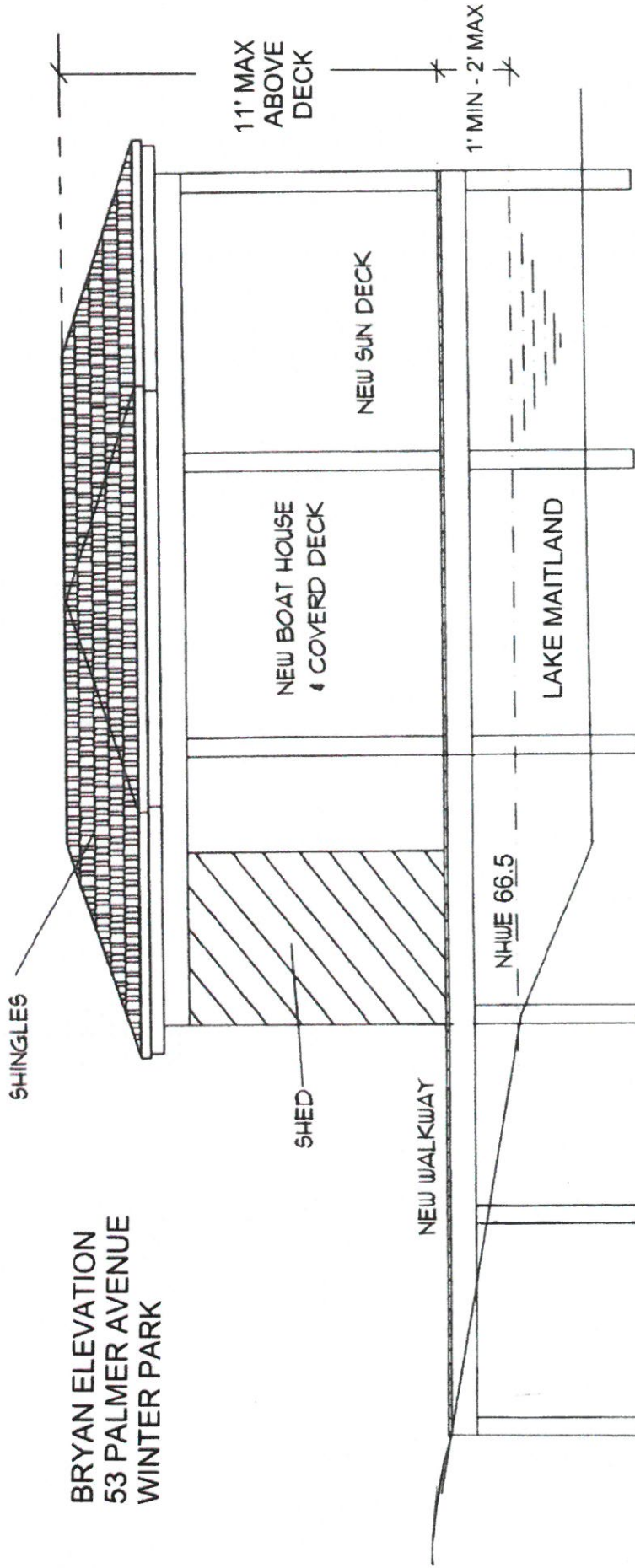
53 Palmer Avenue, Winter Park, FL 32789



Creative
Deck and Dock

scale 1/8" = 1'

BRYAN ELEVATION
53 PALMER AVENUE
WINTER PARK



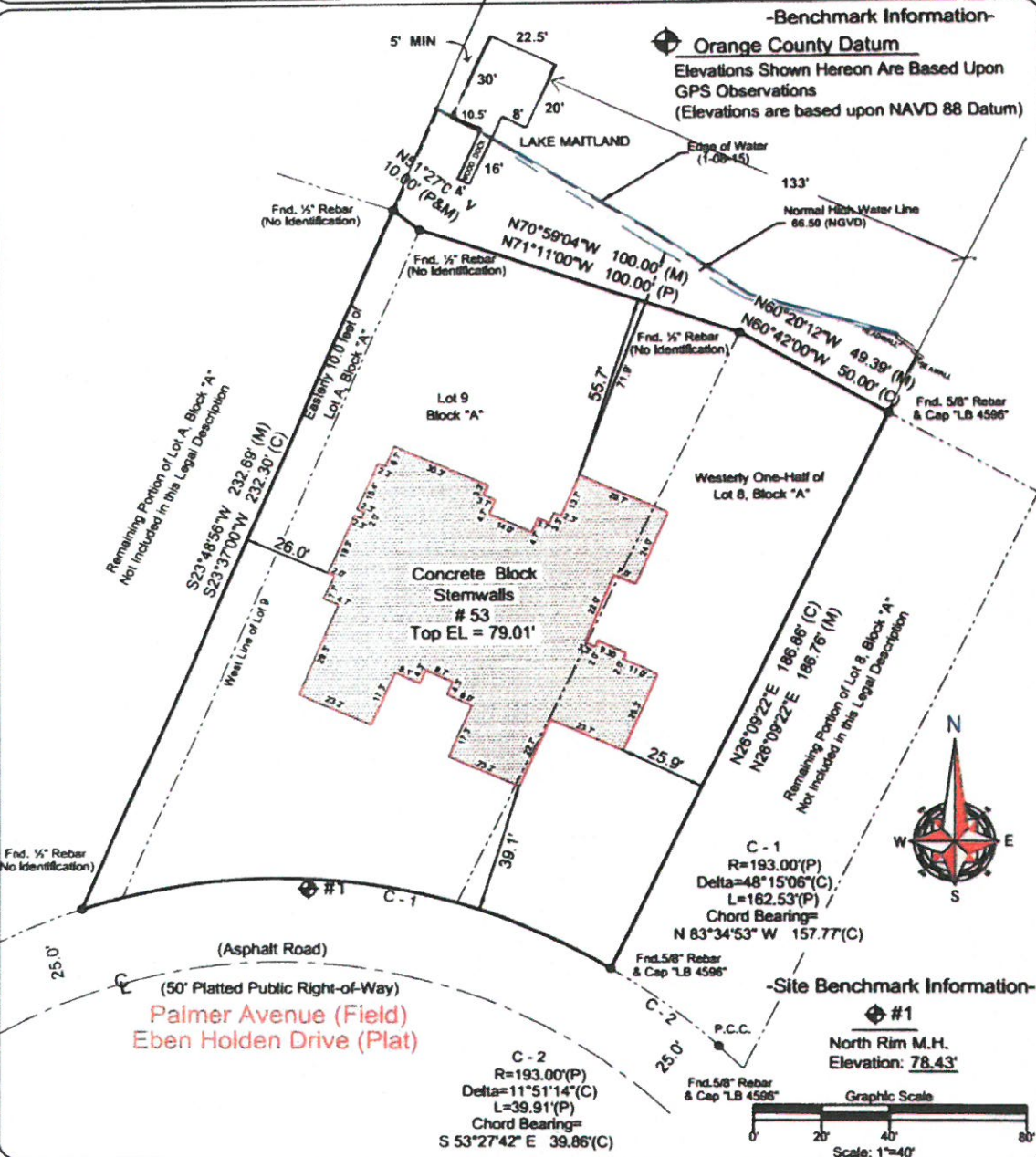
Boundary Survey

Legal Description:

All of Lot 9, the West $\frac{1}{2}$ of Lot 8, and the Easterly 10.0 feet of Lot A, all in Block A, ROBERT DHU MACDONALD PARK, according to the Plat thereof as recorded in Plat Book O, Page(s) 20, Public Records of Orange County, Florida.

Flood Zone: XIAE Panel: 0255F
Community Number: 12095C Date: 9/25/2009

CERTIFIED TO:
William Francis Bryan
Rebecca Noel Bryan



Field Date: 1-08-15	Date Completed: 1-12-15
Drawn By: NF	File Number: IS- 18853
-Legend-	
<ul style="list-style-type: none"> CC - Calculated CB - Contourline CM - Concrete Block CM - Concrete Monument Conc. - Concrete D - Description DE - Drainage Easement Entl. - Easement F.E.M.A. - Federal Emergency Management Agency FFE - Finished Floor Elevation Fnd. - Found IP - Iron Pipe L - Length (Arc) M - Measured H&D - Nail & Disk N.R. - Non-Radial ORIS - Official Records Book P - Plat P.B. - Plat Book Q - Wood Fence 	<ul style="list-style-type: none"> PC - Point of Curvature Pg. - Page R - Radius P.O.B. - Point of Beginning P.O.L. - Point on Line PP - Power Pole PRM - Permanent Reference Monument PT - Point of Tangency Rad. - Radial R&C - Rebar & Cap Rec. - Recovered Rtd. - Rooted Set - Set "X" Rebar & Cap "LB 7623" Typ. - Typical UE - Utility Easement WM - Water Meter Δ - Delta (Central Angle) ○ - Chalk Link Fence

-Notes-

- >Survey is Based upon the Legal Description Supplied by Client.
- >Abutting Properties Deeds have NOT been Researched for Gaps, Overlaps and/or Mistaks.
- >Subject to any Easements and/or Restrictions of Record.
- >Boundary Beasts shown hereon, is Assumed and Based upon the Line Denoted with a "B".
- >Building Ties are NOT to be used to reconstruct Property Lines.
- >Fence Ownership is NOT determined.
- >Roof Overhangs, Underground Utilities and/or Factors have NOT been located UNLESS otherwise noted.
- >Septic Tanks and/or Drain-field locations are approximate and MUST be verified by appropriate Utility Location Companies.
- >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 Constructed to give ANY Rights or Benefits to Anyone Other than those Certified.
- >Flood Zone Determination Shown Hereon is Given as a Courtesy, and is Subject to Final Approval by F.E.M.A. This Determination may be affected by Flood Factors and/or other Information NEITHER known by NOR given to this Surveying Company at the time of this Endeavor.

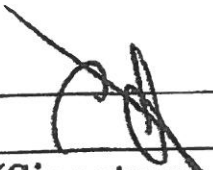
Ireland & Associates Surveying Inc. and the signing surveyor assume NO Liability for the Accuracy of this Determination.

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 a duly Licensed Surveyor under my Direction on the Date Shown, Based on Information furnished to me as stated and conforms to the Standards of Practice for Land Surveying in the State of Florida in accordance with Chapter SJ-17.052 Florida Administrative Code, Pursuant to Section 477.027 Florida Statutes.

Patrick K. Ireland
Patrick K. Ireland - BSM 6637 - LB 7623
This Survey is intended for the use of Said Certified Parties. This Survey NOT VALID UNLESS signed and Embossed with Surveyor's Seal.

Ireland & Associates Surveying, Inc.
1301 S. International Parkway Suite 2001
Lakeland, Florida 32746
www.Irelandsurveying.com
Office-407.678.3366 Fax-407.320.8165

I, Christopher Tobst, residing at 1150 North Park Avenue, on Lake Maitland, have reviewed my adjacent property owner's proposed boat dock construction plan and have no objection to the project, which will have a 5' side setback from my projected property boundary.


(Signature) _____ (Date) _____
Christopher Tobst 5/29/15
(Print Name)

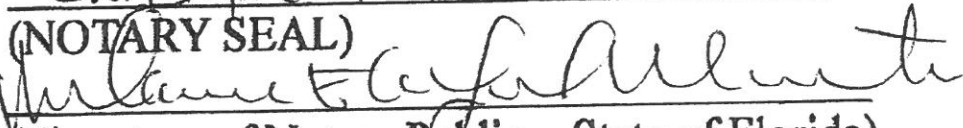
ACKNOWLEDGEMENT:

STATE OF FLORIDA

COUNTY OF Orange

The foregoing instrument was acknowledged before me this 28 day of May 2015, by Christopher Tobst.

(NOTARY SEAL)



(Signature of Notary Public - State of Florida)

Personally Known x OR Produced Identification _____

Type of Identification Produced _____



Shoreline Alteration Permit Application Staff Report (Revetment)

Application #: 15:13

WATERBODY: Lake Mizell

Date: 06/05/15

APPLICANT NAME AND SITE ADDRESS:

Greg DeTardo, 466 Henkel Circle, Winter Park, FL 32789

Seawall Parameter	Proposed	Allowed
Length (feet)	50	n.a.
Slope (Horizontal:Vertical)	3:1	3:1 min.
Material	Geotextile & Natural Stone	n.a.
Existing Erosion Problem (Yes/No)	Yes	Must have existing erosion problem
Meets vegetation requirement	Yes Active S.A.P.	n.a.

COMMENTS:

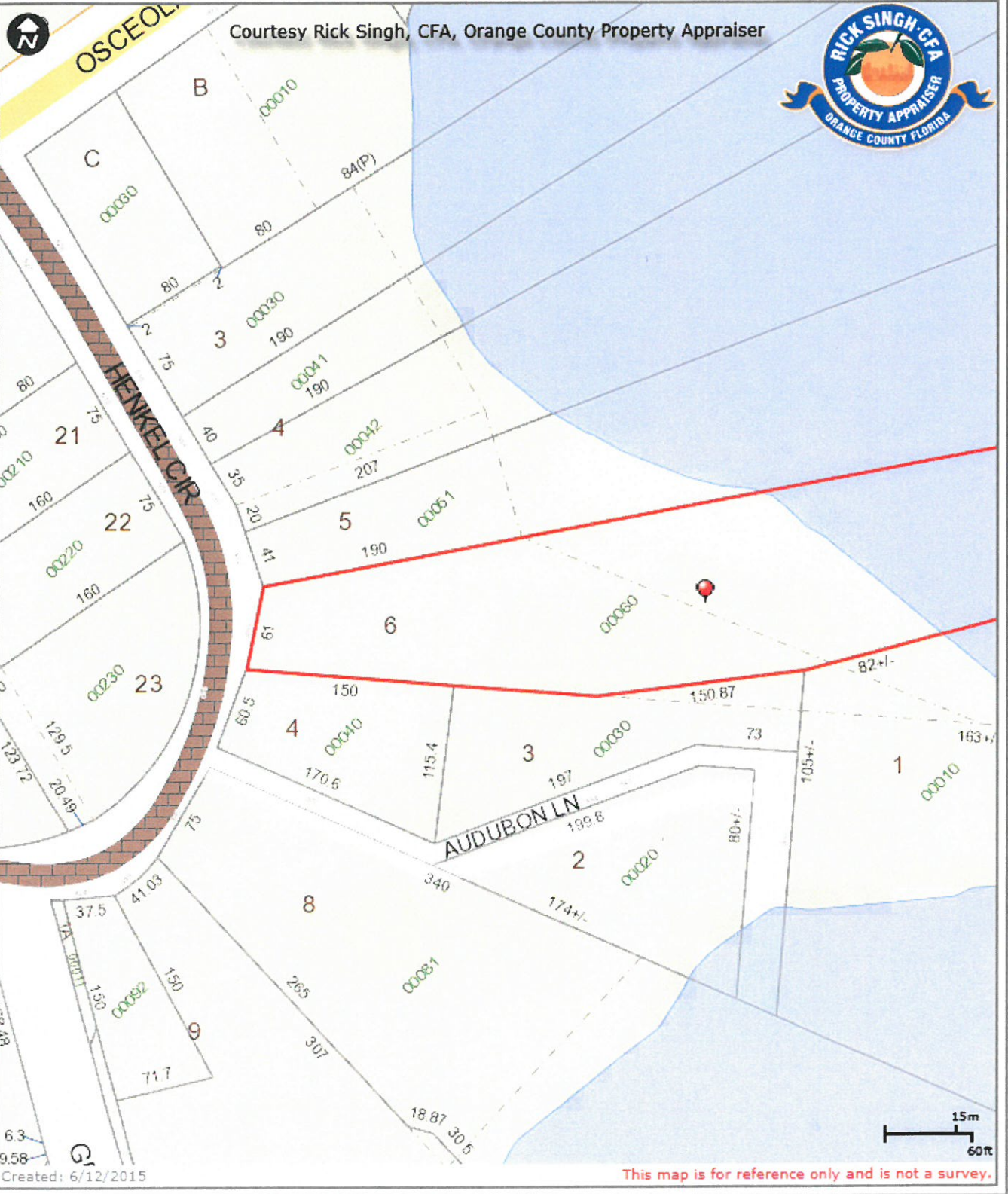
- The applicant is proposing install 50 linear feet of natural stone at a slope no steeper than 3:1 (h:v) on a section of shoreline that is experiencing significant bank erosion.
- The entire shoreline is approximately 165 linear feet and the remaining frontage will remain natural.

STAFF RECOMMENDATION: Approval.

REVIEWED BY: Timothy Egan

OCPA Web Map

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





**CITY OF WINTER PARK
SHORELINE ALTERATION PERMIT APPLICATION
REVETMENTS AND SEAWALL**

P. W. Dept use only
Amt: \$ 100
Check# 2012
Date: 5-28-15
SAP 15-13

General Instructions: To request approval of a Shoreline Alteration Permit Application complete this application and submit to **Public Works Department (500 N. Virginia Ave., Winter Park, FL 32789)** along with the applicable fee and all additional information necessary. **Revetment/seawall applications require a public hearing before the Lakes & Waterways Advisory Board.** All required documentation must be submitted with application. **Ten (10)** complete sets of the Revetment/Seawall application and plans (signed and sealed plans **not** required) are required.

FEE: \$100

**APPLICATION DEADLINE IS THE FOURTH WEDNESDAY OF
EACH MONTH FOR HEARING IN THE FOLLOWING MONTH**

Water Body: Lake Mizell

Property Owner's Name(s) & Address:

Greg DeTardo
466 Henkel Circle
Winter Park, FL 32789

Phone: 407-466-9912

Email: Admin@nutechnational.com

Site Address (if different): 466 Henkel Circle, Winter Park, FL 32789

Project Description: Rip rap installation along eroded shoreline.

Reason for Request: To ~~is~~ install shoreline armoring and prevent more erosion.

Explain Hardship if Permit Not Granted: The bank may continue to erode.

Make checks payable to the City of Winter Park (\$100.00)

It is important for the waterfront property owner to understand that there may be a substantial amount of maintenance and expense required to maintain the new re-vegetated site and to keep it free of unwanted exotic vegetation.

This permit satisfies the requirements of the City of Winter Park Shoreline Protection Ordinance only. Additional permits may be required by the Florida Department of Environmental Protection or Florida Fish & Wildlife Conservation Commission. It is the responsibility of the permittee and their contractor to ensure that all necessary permits are obtained. The City assumes no responsibility for fines or other actions resulting from the permittee's failure to obtain all required permits or approvals.


Signature of Property Owner

1/3/15
Date

THE FOLLOWING INFORMATION MUST BE ATTACHED TO THE SHORELINE ALTERATION PERMIT APPLICATION:

1. Ten (10) copies of sketch and photographs of entire shoreline **before** proposed changes; show what plants are present and what plants will be removed. Indicate the length and width of both areas. Include the contour of the existing shoreline.
2. Ten (10) copies sketch of entire shoreline showing the proposed changes. Show what vegetation will be planted including its length and width. Show any changes in shoreline contour including the amount and type of material removed and/or filled in cubic yards. Show what measures will be taken to prevent erosion or pollution during construction.
3. Applications for revetments or seawalls must include sketches showing the plan view (top) and profile (side) of the proposed structure. The slope must be clearly shown and may not be steeper than 3:1 (horizontal: vertical)
4. Please note that any properties that do not meet the current shoreline vegetation standards (50 feet or 50% rule), must be revegetated before a shoreline alteration permit will be issued.

NOTES:

1. All cleared or trimmed vegetation or excess dredge and/or fill material shall be removed from the lake and/or lakefront for off-site disposal.
2. The granting of this permit does not relieve the contractor or property owner of any obligations under State law to obtain permits from other government agencies having jurisdiction.



AGRARIAN LAND AND POND, LLC

PO BOX 678743
Orlando, FL 32867
Info@AgrarianPonds.com
www.AgrarianPonds.com
(407) - 442-7490

Shoreline Alteration Details: REVTMENTS AND SEAWALL

466 Henkel Circle, Winter Park, FL 32789

Dear Lakes and Waterways Advisory Board of Winter Park, FL,

This document provides the erosion control plan for Mr. Greg DeTardo's property at 466 Henkel Circle.

Approximately 50 feet of the property's lakeshore is experiencing some erosion. We are requesting to apply geotextile liner, rip rap, and upland vegetation to repair the area.

We are proposing to use a shoreline armoring with rip rap for 150 ft² (50' x 3') area of the shoreline. Geotextile fabric will be laid below the rocks. The rocks of 4" average height will be placed with a maximum height of 1' (i.e. approximately 3 rocks stacked vertically), and decrease the height to maintain a 3:1 slope.





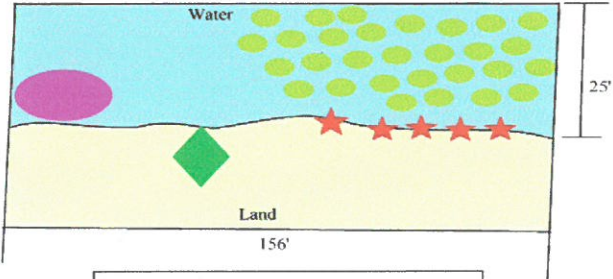












Also, an extra 3' will be laid on the upland area, towards the house. This will provide a better hold for the material. The fabric will be covered with 4" of pine bark mulch and secured with mulch glue (Enviroguard brand). Upland species of Muhly Grass, Dahoon Holly, Pop Ash, Blue Iris, and Golden Canna will be planted in the area as well.

If the board has any further questions, please feel free to contact me. Thank you for your time.

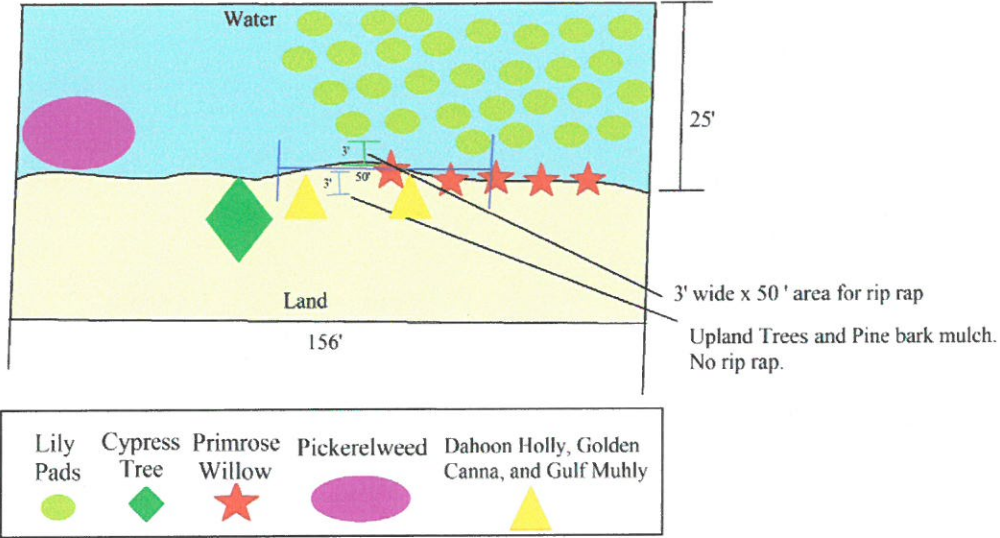
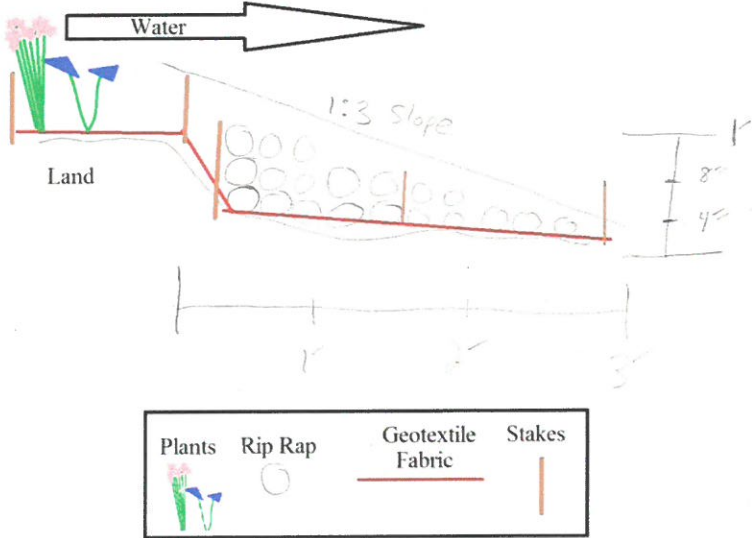
Sincerely,

Zachary Marimon
President

Item 1

Detail	Description								
<p>A sketch and photographs of entire shoreline before proposed change.</p>	 <p>Shoreline measured 165' according to Orange County Property Appraiser</p>								
<p>Show what plants are present and what plants will be removed.</p>	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>Pickerelweed</p> </div> <div style="text-align: center;">  <p>Primrose Willow, Torpedo Grass, and Alligator Weed</p> </div> </div> <p>Each picture is taken from left to right, containing approximately 82' of shoreline. All of the identified plants in the pictures will be removed, except for Pickerelweed.</p> <div style="text-align: center;">  <p>Eroded shoreline.</p> </div>								
<p>Indicate the length and width of both areas.</p>									
<p>Include the contour of the existing shoreline.</p>	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center; width: 25%;">Lily Pads</td> <td style="text-align: center; width: 25%;">Cypress Tree</td> <td style="text-align: center; width: 25%;">Primrose Willow</td> <td style="text-align: center; width: 25%;">Pickerelweed</td> </tr> <tr> <td style="text-align: center;"></td> <td style="text-align: center;"></td> <td style="text-align: center;"></td> <td style="text-align: center;"></td> </tr> </table> </div>	Lily Pads	Cypress Tree	Primrose Willow	Pickerelweed				
Lily Pads	Cypress Tree	Primrose Willow	Pickerelweed						
									

Item 2

Detail	Description										
<p>Sketch proposed changes</p> <p>Show what vegetation will be planted including its length and width.</p>	 <p style="text-align: center;">Water</p> <p style="text-align: center;">Land</p> <p style="text-align: center;">156'</p> <p style="text-align: right;">25'</p> <p style="text-align: right;">3' wide x 50' area for rip rap</p> <p style="text-align: right;">Upland Trees and Pine bark mulch. No rip rap.</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Lily Pads</td> <td style="text-align: center;">Cypress Tree</td> <td style="text-align: center;">Primrose Willow</td> <td style="text-align: center;">Pickerelweed</td> <td style="text-align: center;">Dahoon Holly, Golden Canna, and Gulf Muhly</td> </tr> <tr> <td style="text-align: center;"></td> <td style="text-align: center;"></td> <td style="text-align: center;"></td> <td style="text-align: center;"></td> <td style="text-align: center;"></td> </tr> </table> </div>	Lily Pads	Cypress Tree	Primrose Willow	Pickerelweed	Dahoon Holly, Golden Canna, and Gulf Muhly					
Lily Pads	Cypress Tree	Primrose Willow	Pickerelweed	Dahoon Holly, Golden Canna, and Gulf Muhly							
<p>Show side view.</p>	 <p style="text-align: center;">Water</p> <p style="text-align: center;">Land</p> <p style="text-align: center;">1:3 slope</p> <p style="text-align: right;">8'</p> <p style="text-align: right;">4'</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Plants</td> <td style="text-align: center;">Rip Rap</td> <td style="text-align: center;">Geotextile Fabric</td> <td style="text-align: center;">Stakes</td> </tr> <tr> <td style="text-align: center;"></td> <td style="text-align: center;"></td> <td style="text-align: center;"></td> <td style="text-align: center;"></td> </tr> </table> </div>	Plants	Rip Rap	Geotextile Fabric	Stakes						
Plants	Rip Rap	Geotextile Fabric	Stakes								
<p>Show any changes in shoreline contour including the amount and type of material removed and/or filled in cubic yards.</p>	<p>No changes will be made to the contouring. No soil material will be removed or added besides the 50 ft³ of pine bark mulch (3' x 50' x 4").</p>										
<p>Show what measures will be taken to prevent erosion or pollution during construction</p>	<p>No soil is being removed. The geotextile fabric will be laid on top of the shoreline. The upland part will be secured with stakes, mulched, and vegetated with trees and plants.</p>										

Shoreline Alteration Permit Application Staff Report (Revetment)

Application #: 15:12

WATERBODY: Lake Tuscany **Date:** 06/05/15

APPLICANT NAME AND SITE ADDRESS:

Loulou Hiresh, 1129 Via Del Mar, Winter Park, FL 32789

Seawall Parameter	Proposed	Allowed
Length (feet)	50	n.a.
Slope (Horizontal:Vertical)	Vertical See comments	3:1 min.
Material	Sheet pile	n.a.
Existing Erosion Problem (Yes/No)	Yes	Must have existing erosion problem
Meets vegetation requirement	Yes	n.a.

COMMENTS:

- The applicant is proposing to replace 50 linear feet of failing seawall using vinyl sheet pile.
- The applicant is requesting to retain a vertical wall for the following reasons
 - No power boats are allowed on Lake Tuscany and the lake is small enough that wind driven waves are not significant.
 - The existing and proposed wall is approximately three feet above the OHW.
 - The existing configuration support littoral plant growth adding 3:1 rip-rap slope would result in the loss of most of the available littoral shelf.
- The board has approved vertical walls in the past under similar circumstances (300 Sylvan Blvd., 320 Sylvan Blvd.

STAFF RECOMMENDATION: Approval.

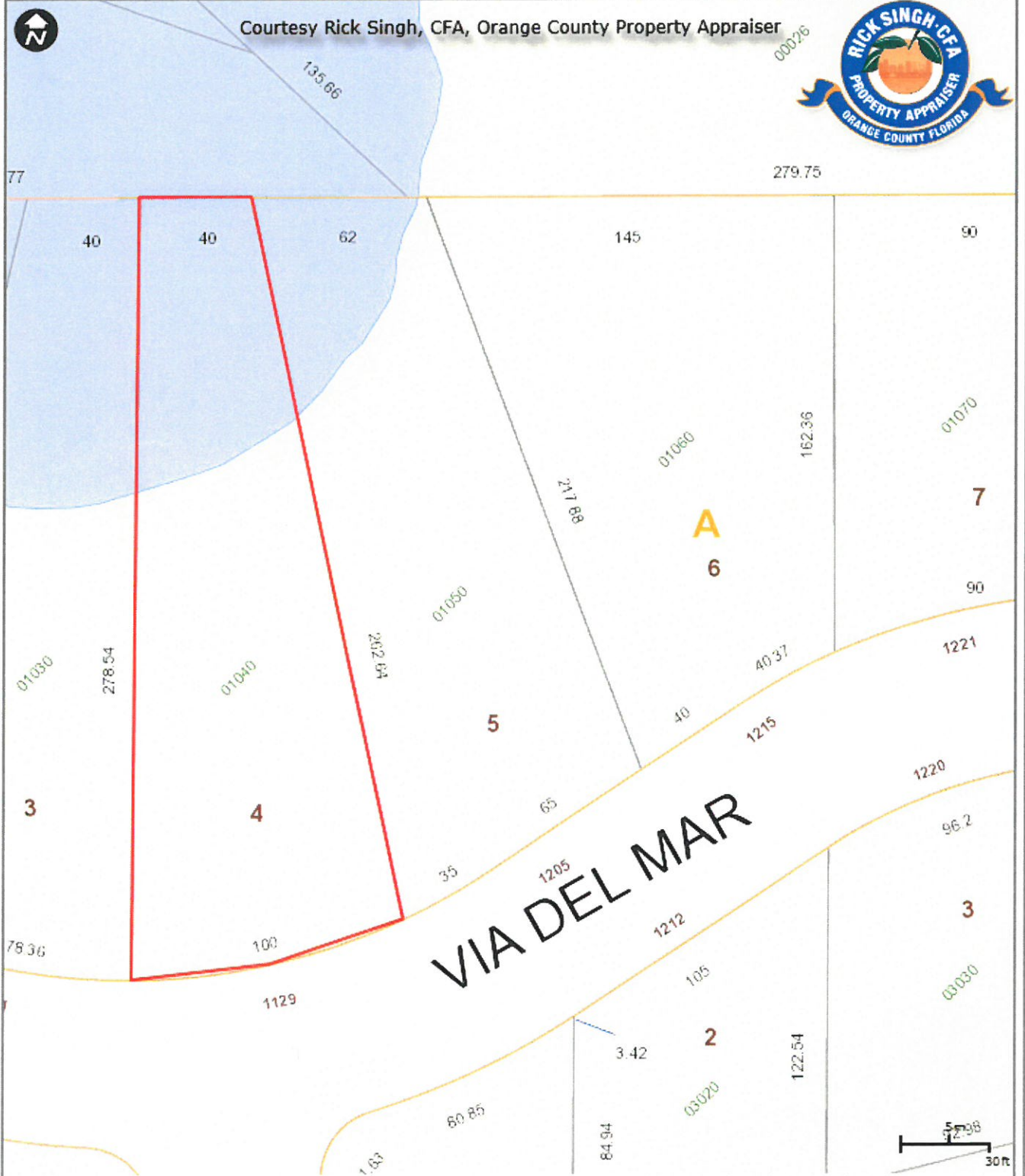
REVIEWED BY: Timothy Egan

OCPA Web Map

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



Courtesy Rick Singh, CFA, Orange County Property Appraiser



Created: 6/12/2015

This map is for reference only and is not a survey.



**CITY OF WINTER PARK
SHORELINE ALTERATION PERMIT APPLICATION
REVETMENTS AND SEAWALL**

P. W. Dept use only
Amt: \$ <u>100</u>
Check#: <u>3323</u>
Date: <u>5-20-15</u>
SAP <u>15-12</u>

General Instructions: To request approval of a Shoreline Alteration Permit Application complete this application and submit to **Public Works Department (500 N. Virginia Ave., Winter Park, FL 32789)** along with the applicable fee and all additional information necessary. **Revetment/seawall applications require a public hearing before the Lakes & Waterways Advisory Board.** All required documentation must be submitted with application. **Ten (10)** complete sets of the Revetment/Seawall application and plans (signed and sealed plans **not** required) are required.

FEE: \$100

APPLICATION DEADLINE IS THE FOURTH WEDNESDAY OF EACH MONTH FOR HEARING IN THE FOLLOWING MONTH

Water Body: LAKE TUSCANY

Property Owner's Name(s) & Address:

LouLou HIRESH
1129 VIA DEL MAR
WINTER PARK FL 32789

Phone: 407-920-8499

Email: M.HIRESH@EMBARQ.COM

Site Address (if different): SAME

Contractor (name & address) To Perform Work:

MIKE CAIAZZA - SPECIALTY MARINE
7151 ROSE AVE
ORLANDO FL 32810

Phone: 407-532-9009

Email: M.CAIAZZA@AOL.COM

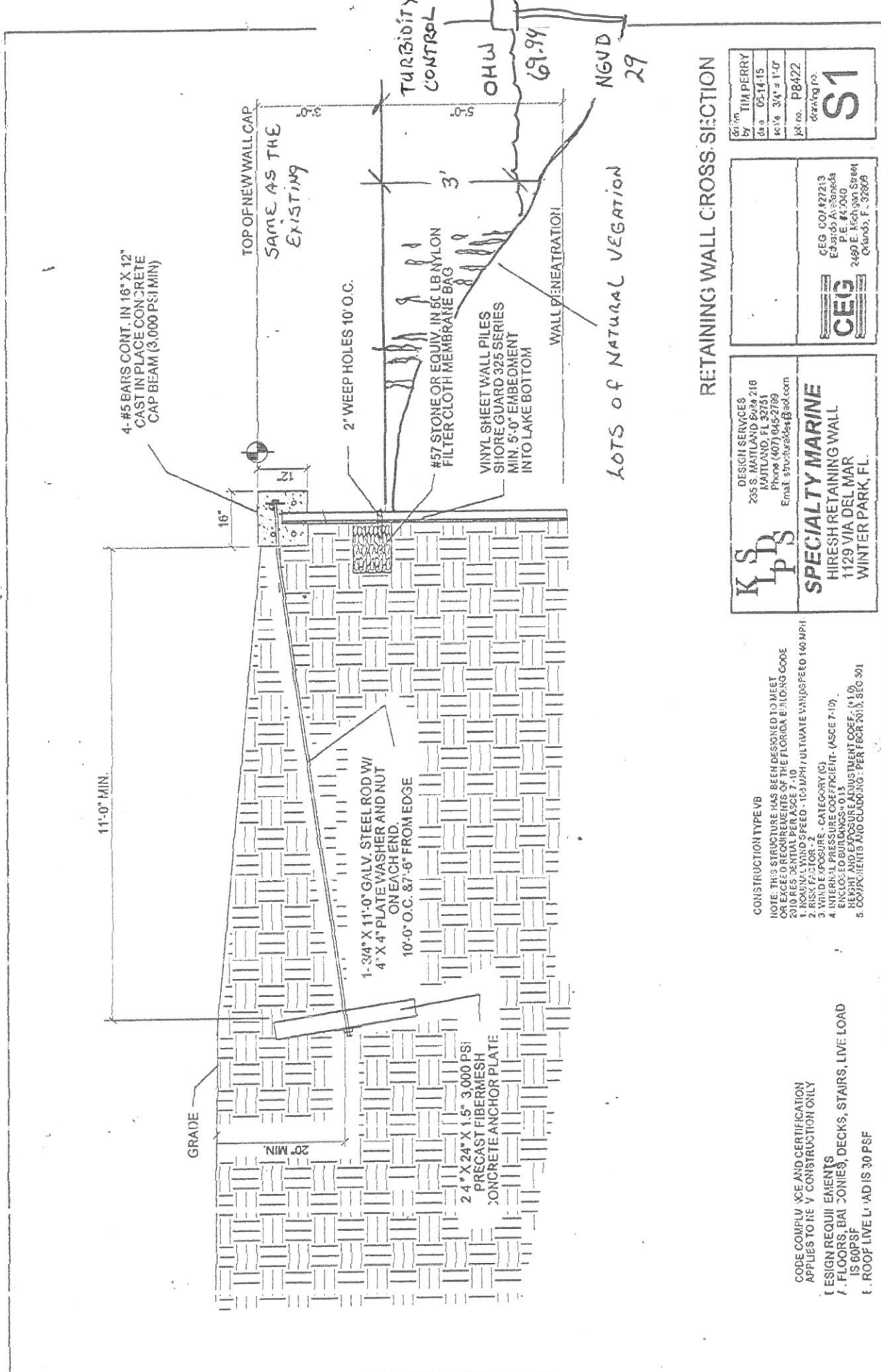
Project Description: FAILING CONCRETE WALL, REPLACE WITH NEW VINYL WALL, SAME LOCATION SAME HEIGHT, ^{NEW} NAVIGABLE WATER

Reason for Request: WALL FALLING DOWN

Explain Hardship if Permit Not Granted: _____

Make checks payable to the City of Winter Park (\$100.00)

1121 Via Del Mar
1205 Via Del Mar



RETAINING WALL CROSS SECTION

Drawn by TIM PERRY
 Date 06-14-15
 Scale 3/4" = 1'-0"
 Plot no. P8422
 Drawing no. S1

DESIGN SERVICES
 235 S. MATLAND Bldg 218
 MAITLAND, FL 32751
 Phone (407) 645-2789
 Email: spt@specialty-marine.com

CEG
 CEG 00747213
 Ed: 03/05 Av: 06/06
 P.E. #47040
 2490 E. Birchwood Street
 Orlando, F. 32808

KSP
Specialty Marine
 HIRESH RETAINING WALL
 1129 VIA DEL MAR
 WINTER PARK, FL.

CONSTRUCTION TYPE VB
 NOTE: THIS STRUCTURE HAS BEEN DESIGNED TO MEET
 ALL APPLICABLE REQUIREMENTS OF THE FLORIDA BUILDING CODE
 2010 RESIDENTIAL PER ASCE 7-10.
 1. NOMINAL WIND SPEED - 103 MPH / ULTIMATE WIND SPEED 140 MPH.
 2. RISK FACTOR - 2
 3. WIND EXPOSURE - CATEGORY C
 4. INTERIOR PRESSURE COEFFICIENT - (ASCE 7-10)
 ENCLOSED BUILDINGS - 0.13
 EXPOSED BUILDINGS - 0.18
 5. COEFFICIENTS FOR WIND FORCE CALCULATION PER ASCE 7-10, SEC. 6.2

DESIGN REQUIREMENTS
 1. FLOORS, BALCONIES, DECKS, STAIRS, LIVE LOAD
 IS 60 PSF
 2. ROOF LIVE LOAD IS 30 PSF

4-#5 BARS CONT. IN 16" X 12"
 CAST IN PLACE CONCRETE
 CAP BEAM (3,000 PSI MIN)

TOP OF NEW WALL CAP
 SAME AS THE
 EXISTING

2" WEEP HOLES 10' O.C.

1-3/4" X 11'-0" GALV. STEEL ROD W/
 4" X 4" PLATE WASHER AND NUT
 ON EACH END.
 10'-0" O.C. & 7'-6" FROM EDGE

2'4" X 24" X 1.5" 3,000 PSI
 PRECAST FIBER MESH
 CONCRETE ANCHOR PLATE

#57 STONE OR EQUIV. IN 50 LB NYLON
 FILTER CLOTH MEMBRANE BAG

VINYL SHEET WALL PILES
 SHORE GUARD 325 SERIES
 MIN. 5'-0" EMBEDMENT
 INTO LAKE BOTTOM

WALL PENETRATION

LOTS OF NATURAL VEGETATION

TURBIDITY
 CONTROL

OHW
 69.94

NGVD
 29

11'-0" MIN.

GRADE

20" MIN.

0'-8"

3'

0'-5"

SPECIALTY MARINE CONTRACTORS INC.

State certified CRC 052298

7151 ROSE AVE ORLANDO FL. 32810 PO BOX 607549 ORLANDO FL 32860

407-532-9009 OFFICE

407-463-4712 CELL

MCAIAZZA@AOL, COM

WWW. SPECIALTYMARINECONTRACTORS.COM

**RE; MS. LOULOU HIRESH
RETAINING WALL REPLACEMENT @
1129 VIA DEL MAR WINTERPARK, FL.**

1. THE EXISTING CONCRETE RETAINING WALL WILL BE REMOVED COMPLETELY.
2. THE NEW RETAINING WALL WILL BE CONSTRUCTED IN THE SAME LOCATION AS THE EXISTING WALL .
3. THE NEW RETAINING WALL WILL BE THE SAME HEIGHT AS THE EXISTING RETAINING WALL.
4. THE TOE OF THE NEW WALL WILL BE APPROXIMATE 3' FEET OR MORE ABOVE THE O.H.W.E. OF 69.94 N.G.V.D. 29, AND AS MUCH AS 8' BACK FROM O.H.W.E. ON LAKE TUSCANY.
5. THE CURRENT CONDITIONS IN FRONT OF THE PROPOSED NEW WALL , ALLOW FOR NATURAL EXTENSIVE AQUATIC PLANT GROWTH.
6. RIP RAP REVENMENTS NOT NEEDED BECAUSE LAKE TUSCANY IS A NON MOTORIZED BOATING LAKE, NO BOAT TRAFFIC ALLOWED. THE LAKE IS SO SMALL AND SECLUDED BY HOMES THAT IT IS NOT AFFECTED BY WIND DRIVEN EROSION CONCERNS.

THANK YOU, MIKE CAIAZZA SPECIALTY MARINE CONTRACTORS INC.

DOCKS – BOATHOUSES – SEAWALLS – BOAT RAMPS – BOAT & PWC SYSTEMS

NUISANCE WEED REMOVAL – DREDGING – BARGE RENTAL – DESIGN CONSULTING

POWER WASHING & STAIN SEALERS – REPAIRS – RESIDENTIAL – COMMERCIAL

BOUNDARY SURVEY

(C-1) P. (C-1) M.
 $\Delta = 16'08.56''$ $\Delta = 16'07.33''$
 $R = 290.65'$ $R = 290.65'$
 $L = 81.92'$ $L = 81.80'$
 $CH = 81.65'$ $CH = 81.53'$
 $CB = S79'11.40''E$ $CB = S79'11.40''E$

(C-2) P.&C.

$\Delta = 19'27.55''$
 $R = 230.65'$
 $L = 78.36'$
 $CH = 77.98'$
 $CB = S80'51.10''E$

(C-3) P. (C-3) M.

$\Delta = 24'50.23''$ $\Delta = 24'48.32''$
 $R = 230.65'$ $R = 230.65'$
 $L = 100.00'$ $L = 99.87'$
 $CH = 99.21'$ $CH = 99.09'$
 $CB = N76'59.35''E$ $CB = N76'40.02''E$

Legal Description

Lot 4, Block A, TUSCANY TERRACE, according to the plat thereof, as recorded in Plat Book U, Page 69, of the Public Records of Orange County, Florida.

Community Number: 120188 Panel: 0255
 Suffix: E F.I.R.M. Date: 12/6/2000
 Flood Zone: X
 Field Work: 8/28/2007 Completed: 8/29/2007

Certified To:

Lou Lou N. Hireshi; Marlowe & Weatherford, P.A.; Old Republic National Title Insurance Company; Wachovia Mortgage Corporation, its successors and/or assigns.

Property Address:

1129 Via Del Mar
 Winter Park, Florida 32789

Survey Number: 0-170297

GENERAL NOTES:

- LEGAL DESCRIPTION PROVIDED BY OTHERS
- THE LANDS SHOWN HEREON WERE NOT ABSTRACTED FOR EASEMENTS OR OTHER RECORDED ENCUMBRANCES NOT SHOWN ON THE PLAT.
- UNDERGROUND FEATURES, SUCH AS, IMPROVEMENTS, ENCROACHMENTS, FOUNDATIONS OR UTILITIES, IF EXISTENT, WERE NOT LOCATED AS A PART OF THIS SURVEY.
- BUILDING TIES ARE TO THE FACE OF THE WALL AND ARE NOT TO BE USED TO RECONSTRUCT BOUNDARY LINES.
- NO IDENTIFICATION FOUND ON PROPERTY CORNERS UNLESS OTHERWISE SHOWN.
- DIMENSIONS SHOWN ARE PLAT AND MEASURED UNLESS OTHERWISE SHOWN.
- FENCE OWNERSHIP NOT DETERMINED.
- BEARINGS REFERENCED TO LINE NOTED B.R.
- THE SURVEY DEPICTED HEREON FORMS A CLOSED GEOMETRIC FIGURE.
- THIS SURVEY IS PREPARED FOR THE EXCLUSIVE USE AND BENEFIT OF THE PARTIES LISTED HEREON. LIABILITY TO THIRD PARTIES MAY NOT BE TRANSFERRED OR ASSIGNED.
- THIS DRAWING MAY NOT BE TO SCALE DUE TO ELECTRONIC TRANSFER
- THIS SURVEY DOES NOT REFLECT OR DETERMINE OWNERSHIP.
- SUBJECT TO ANY DEDICATION, LIMITATIONS, RESTRICTIONS, RESERVATIONS, AND/OR EASEMENTS OF RECORD, NO EXAMINATION OF TITLE MADE BY SURVEYOR
- THIS SURVEY IS VALID IN ACCORDANCE WITH F.S. 627.7842, FOR A PERIOD OF 90 DAYS FROM THE DATE OF CERTIFICATION.
- THIS SURVEY IS INTENDED FOR MORTGAGE OR REFERENCE PURPOSES ONLY. EXCLUSIVELY FOR THIS USE BY THOSE TO WHOM IT IS CERTIFIED. THIS SURVEY IS NOT TO BE USED FOR CONSTRUCTION, PERMITTING, DESIGN OR ANY OTHER USE WITHOUT THE WRITTEN CONSENT OF RESIDENTIAL SURVEYING SPECIALISTS, INC.
- THIS IS NOT AN ALTA /ACSM LAND TITLE SURVEY.

DRAWN BY: MIKE D.

CHECKED BY: LH



CENTRAL FLORIDA
 927 FERN STREET
 SUITE 2200
 ALTAMONTE SPRINGS,
 FL 32701

Phone: (321) 397-2221
 Fax: (321) 397-2222

Nationwide: 1-800-787-8266
 Nationwide: Fax: 1-600-787-8260

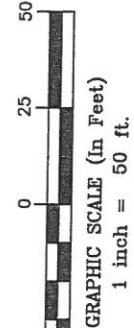
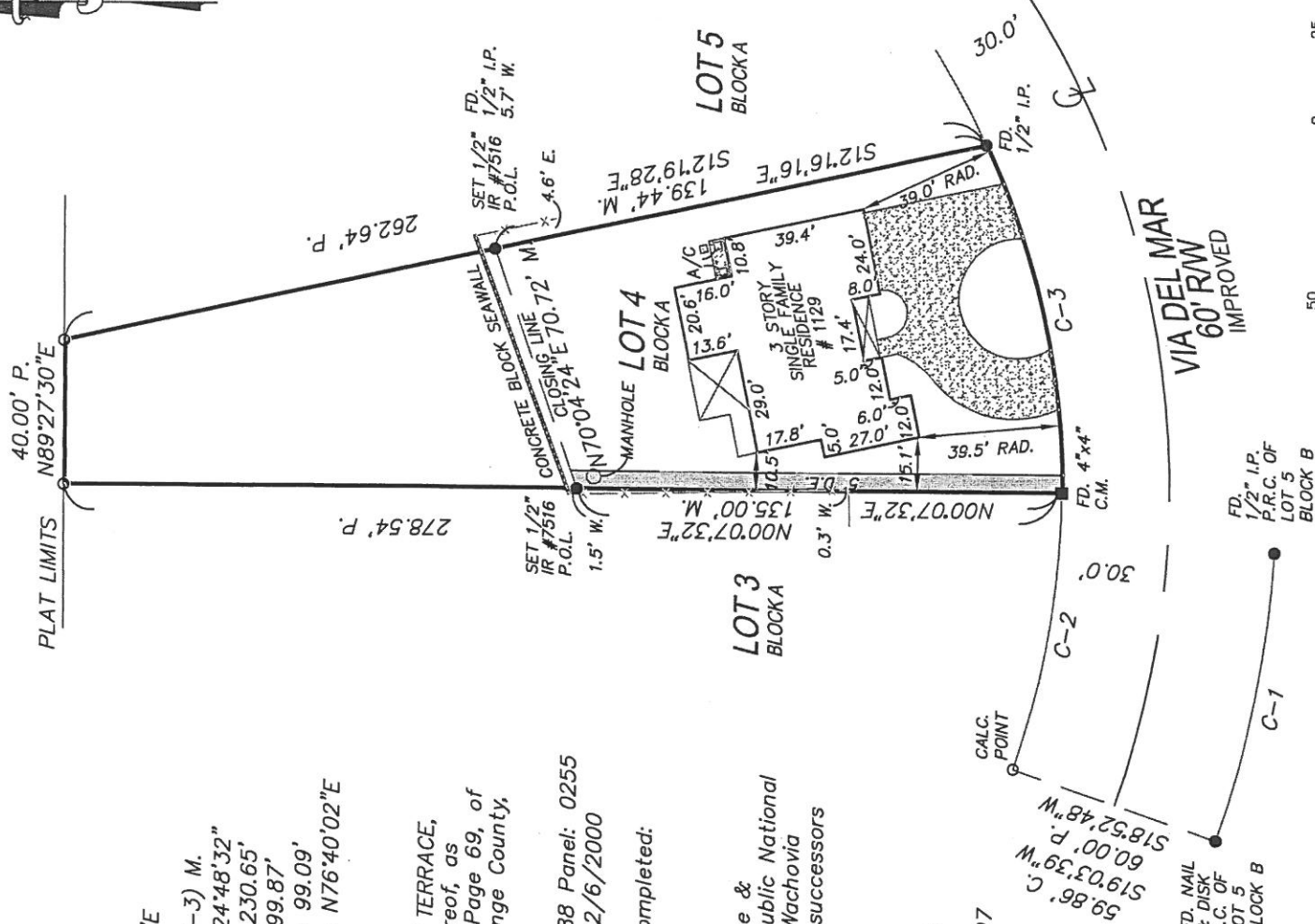
CERTIFICATE OF AUTHORIZATION LB 7516

I HEREBY CERTIFY THAT THIS SURVEY IS A TRUE AND CORRECT REPRESENTATION OF A SURVEY PREPARED UNDER MY DIRECTION.

Garland L. Harman
 GARLAND L. HARMAN
 LEON L. HAMPTON P.S.M.
 8/29/07

STATE OF FLORIDA
 LAND SURVEYOR & MAPPER NO. 3947
 LAND SURVEYOR & MAPPER NO. 5910

IS NOT VALID WITHOUT AN AUTHENTICATED ELECTRONIC SIGNATURE AND AUTHENTICATED ELECTRONIC SEAL OR THIS MAP IS NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

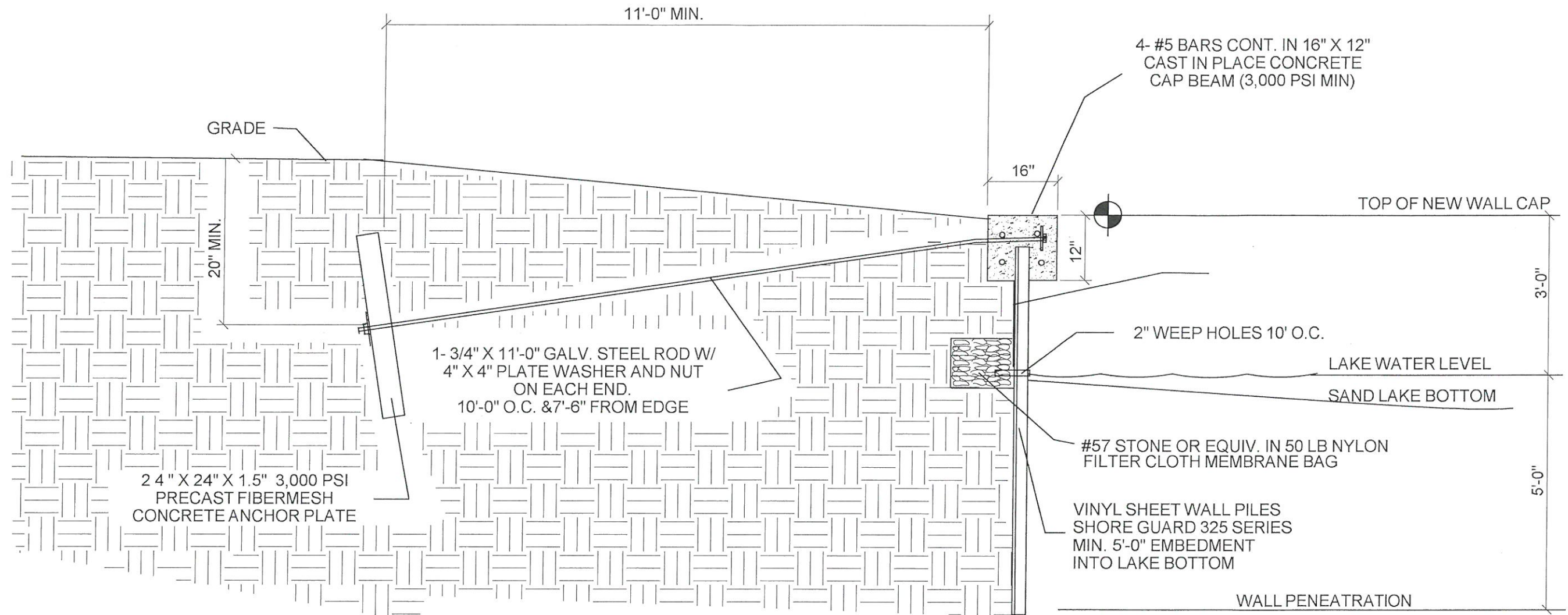


NOTE:
 BEARINGS SHOWN ARE BASED UPON RECORD PLAT OR DEED DESCRIPTION

NOTE:
 IN COMPLIANCE WITH FLORIDA ADMINISTRATIVE CODE 61G17-6.004 (2) (d), IF LOCATION OF EASEMENTS OR RIGHT-OF-WAY OF RECORD, OTHER THAN THOSE ON RECORD PLAT IS REQUIRED, THIS INFORMATION MUST BE FURNISHED TO THE SURVEYOR AND MAPPER.

LEGEND ABBREVIATIONS

A/C	AIR CONDITIONER	M.E.	FIELD MEASURED	S.B.L.	SET BACK LINE
B.R.	BEARING REFERENCE	N	MAINTENANCE EASEMENT	SW	SIDEWALK SECTION
C	CALCULATED	N&D	NORTH	TEL.	TELEPHONE FACILITIES
C.M.	CONCRETE MONUMENT	N/G/D.	NATIONAL GEODETIC VERTICAL DATUM	T.O.B.	TOP OF BANK
CALC.	CALCULATED	N.T.S.	NOT TO SCALE	TX	TRANSFORMER
C&TV	C&TV	O.H.L.	OVERHEAD LINES	TYP.	TYPICAL
CB	CABLE RISER	O.R.B.	OFFICIAL RECORDS BOOK	U.E.	UTILITY EASEMENT
CH	CHORD	P.	PLAT BOOK	W.	WEST
CH	CHORD BEARING	P.B.	POINT OF CURVATURE	W.C.	WITNESS CORNER
COR	CORNER	P.C.	POINT OF COMPOUND CURVATURE	W.M.	WATER METER
D	DESCRIPTION OR DEED	P.C.C.	PERMANENT CONTROL POINT	SYMBOLS	
D.E.	DRAINAGE EASEMENT	P.G.	PAGE	Δ	CENTRAL ANGLE DELTA
E	EAST	P.I.	POINT OF INTERSECTION	□	CONCRETE
E.O.P.	EDGE OF PAVEMENT	P.K.	PARKER-KALON NAIL	▨	CONC. BLOCK WALL TYP.
E.O.W.	EDGE OF WATER	P.O.L.	POINT ON LINE	▨	COVERED AREA
E.P.U.E.	ELECTRIC POWER UTILITY EASEMENT	P.P.	POWER POLE	▨	EXISTING ELEVATION
ESMT.	EASEMENT	P.R.C.	POINT OF REVERSE CURVE	▨	P.V.C. W/TL FENCE
F.F.	FINISHED FLOOR	P.R.M.	PERMANENT REFERENCE MONUMENT	○	PROPERTY CORNER
FD.	FOUND	P.T.	POINT OF TANGENCY	●	TRUE BENCH MARK
FP.	IRON PIPE	R.	RADIUS	○	WELL
LR.	IRON ROD	RAD.	RADIAL	○	WIRE FENCE
L	LENGTH	R/W	RIGHT OF WAY	○	WOOD DECK
		S.	SOUTH	○	WOOD FENCE



RETAINING WALL CROSS SECTION

CODE COMPLIANCE AND CERTIFICATION
APPLIES TO NEW CONSTRUCTION ONLY

DESIGN REQUIREMENTS
A. FLOORS, BALCONIES, DECKS, STAIRS, LIVE LOAD
IS 60PSF
B. ROOF LIVE LOAD IS 30 PSF

CONSTRUCTION TYPE VB

NOTE: THIS STRUCTURE HAS BEEN DESIGNED TO MEET OR EXCEED REQUIREMENTS OF THE FLORIDA BUILDING CODE 2010 RESIDENTIAL PER ASCE 7-10

1. NOMINAL WIND SPEED - 108 MPH / ULTIMATE WINDSPEED 140 MPH
2. RISK FACTOR - 2
3. WIND EXPOSURE - CATEGORY (C)
4. INTERNAL PRESSURE COEFFICIENT- (ASCE 7-10)
ENCLOSED BUILDINGS= 0.18
HEIGHT AND EXPOSURE ADJUSTMENT COEF. - (+1.0)
5. COMPONENTS AND CLADDING : PER FBCR 2010, SEC.301

**K S
L P D S**

DESIGN SERVICES
235 S. MAITLAND Suite 216
MAITLAND, FL 32751
Phone (407) 645-2799
Email: structuraldes@aol.com

SPECIALTY MARINE
HIRESH RETAINING WALL
1129 VIA DEL MAR
WINTER PARK, FL.

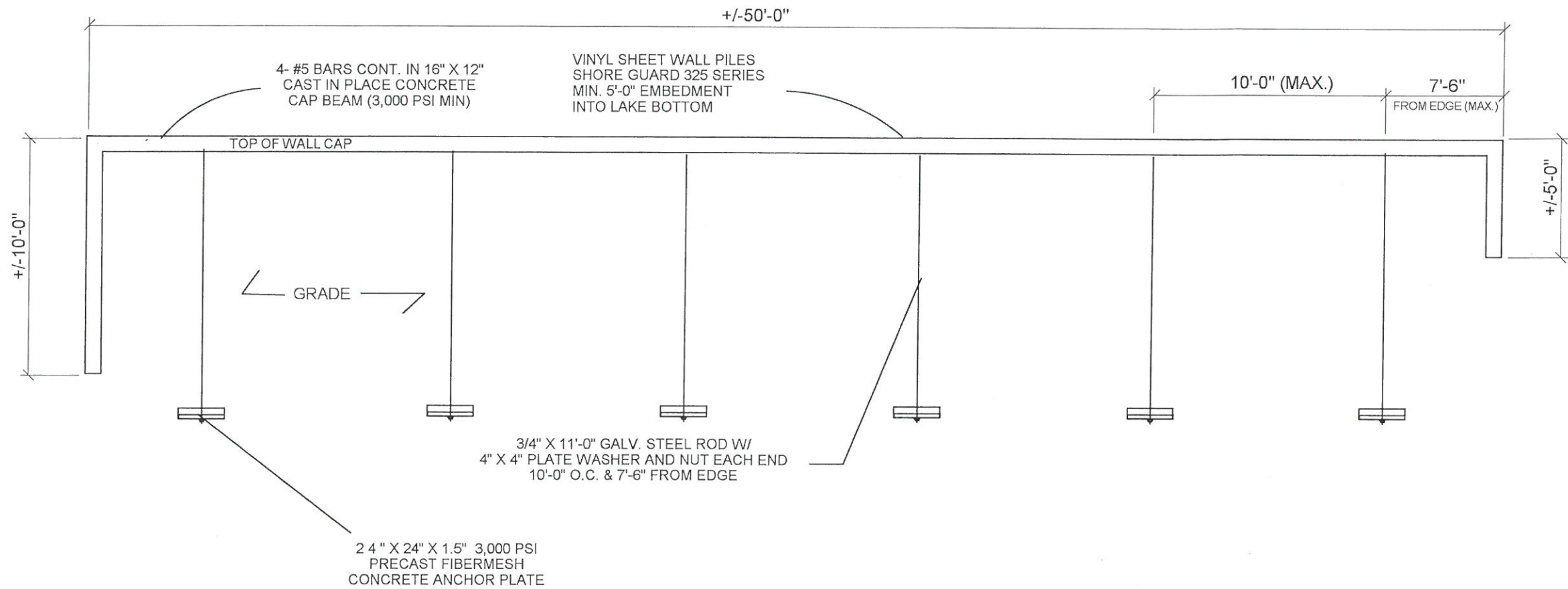
MAY 18 2015

CEG

CEG COA#27213
Eduardo Avellaneda
P.E. #40040
2480 E. Michigan Street
Orlando, FL 32806

drawn by TIM PERRY
date 05-14-15
scale 3/4" = 1'-0"
job no. P8422

drawing no.
S1



TOP VIEW

RETAINING WALL

CODE COMPLIANCE AND CERTIFICATION APPLIES TO NEW CONSTRUCTION ONLY

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 A. FLOORS, BALCONIES, DECKS, STAIRS, LIVE LOAD IS 60PSF
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5. COMPONENTS AND CLADDING : PER FBCR 2010, SEC.301

	DESIGN SERVICES 235 S. MAITLAND Suite 216 MAITLAND, FL 32751 Phone (407) 645-2799 Email: structuraldes@aol.com
SPECIALTY MARINE	
HIRESH RETAINING WALL 1129 VIA DEL MAR WINTER PARK, FL.	

	CEG COA#27213 Eduardo Avellaneda P.E. #40040 2480 E. Michigan Street Orlando, FL 32806
--	--

drawn by TIM PERRY date 05-15-15 scale N.T.S. job no. P8421 drawing no. S2
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