

# Lakes & Waterways Advisory Board



**October 10, 2017, 12:00 noon**

Chief Beary Community Room, 2<sup>nd</sup> floor  
500 N. Virginia Ave. • Winter Park, Florida

## **1 administrative**

- a. Approve August 8, 2017, Meeting Minutes

## **2 action items**

### **Shoreline Permit Applications:**

- SAP 17-11, Request of John Mantione to install a seawall (revetment) at 374 Henkel Cir., on Lake Virginia
- SAP 17-12, Request of Larry Plante to install a boathouse/dock 605 Lake Front Blvd., on Lake Killarney
- SAP 17-13, Request of Michael Caiazza to install a boathouse/dock at 1000 Genius Dr. on Lake Virginia
- SAP 17-14, Request of Michael Caiazza to install a boathouse/dock at 1000 Genius Dr. on Lake Mizell

## **3 reports**

- Water Quality - Tim Egan
- Lakes Management – Amy Giannotti
- Sustainability - Vanessa Balta Cook
- Stormwater Management – Don Marcotte
- WP Police Lakes Patrol – Jeff Hershone
- City of Maitland Update – Paul Ritter

## **4 new business**

- Citizen Comments
- New Ideas
- New Shoreline Application

## **5 adjourn**

Next meeting date – November 14 , 2017

## **appeals & assistance**

"If a person decides to appeal any decision made by the Commission with respect to any matter considered at such meeting or hearing, he/she will need a record of the proceedings, and that, for such purpose, he/she may need 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).

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

CITY OF WINTER PARK  
LAKES AND WATERWAYS ADVISORY BOARD

**Regular Meeting**  
**500 N. Virginia Ave**  
**Beary Community Room**

**August 8, 2017**  
**12:00 pm**

**MINUTES**

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**Present:** John Minton, Jack Goggin, Steven DiClemente, Drew Havron

**Absent:**, Doug Marks, Tom Smith, Amy Bird

**City of Winter Park Staff:** Troy Attaway, Public Works Dir.; Don Marcotte, Asst. Public Works Dir./Stormwater Engineer; Tim Egan, Water Quality and NPDES Compliance Manager; Amy Giannotti, Lakes Manager; Vanessa Balta Cook, Building and Sustainability; Sgt. Jeff Hershone, Police Dept.; Debbie Wilkerson, Recording Secretary

**Guests:** Jody Lazaro – Winter Park Library, Paul Ritter – City of Maitland

**CALL TO ORDER.** Chm. Steven DiClemente called the Lakes and Waterways Advisory Board to order at 12:02 pm.

**administration**

**Citizen Comments**

**Approval of Minutes**

Mr. DiClemente moved to approve the July 11, 2017, meeting minutes as presented, seconded by Mr. Minton, motion carried with a 4-0 vote.

**Action items**

**Shoreline Applications:**

None

**Reports**

**Water Quality/NPDES - Tim Egan**

Mr. Egan presented a report in response to concerns expressed about the impact of seawalls on the lakes..

**Lake Maintenance**

Ms. Giannotti reported on the following activities:

- Hydrilla treatments were performed but have been impacted by high water conditions , especially Lake Wampi and Howell Creek.
- Hyacinth treatment on Lake Berry
- Photocopying shoreline
- Carp in Howell Creek which the state will reimburse us for.
- Lake maintenance continues as high water allows.
- Attended Eagle Scout ceremony for the scout who was responsible for the Howell Creek tree revegetation

**Sustainability - Vanessa Balta Cook**

Ms. Balta Cook reported that the July 29 watershed clean up collected 340 pounds of trash. There will be a public cleanup on October 7 for Lk Midget and Rose. Apple snail cleanups are scheduled for September 16 and October 24. Private cleanups will be held in September and the end of October. Volunteers for private cleanups are provided by a company or organization. Orange County's Fertilizer Ordinance updates were provided.

**Stormwater Management - Don Marcotte**

Mr. Marcotte distributed and reviewed an updated Stormwater Capital Improvement Projects Update. He announced that Lena Petersen had retired and that Brenda Moody would be taking her place. Mr. Marcotte reported that bids received for Lake Sylvan and Lee Road outfalls were presented to City Commission for approval. Request for Bids for Howell Branch Pond project should go out shortly.

**Lakes Patrol – WP Police**

Sgt. Jeff Hershore reported that the Police patrolled the lakes in July and he provided statistics on the activity during that time. Lakes Patrol training is scheduled so additional officers can be utilized if necessary.

**City of Maitland – Paul Ritter**

Mr. Ritter updated the Board on current City of Maitland projects.

**New Business - None**

**New Ideas – None.**

Mr. Egan responded to a question regarding proper fertilizer usage enforcement.

Mr. Marcotte responded to a question on what is the primary focus for stormwater and lakes.

adjourn

Meeting adjourned at 12:27 p.m. Next meeting September 12, 2017.

Respectfully submitted,

*Debbie Wilkerson*

Debbie Wilkerson  
Recording Secretary

## Shoreline Alteration Permit Application Staff Report (Revetment)

Application #: 17:11

WATERBODY: Lake Virginia

Date: 08/28/17

### APPLICANT NAME AND SITE ADDRESS:

John Mantione, 374 Henkel Circle, Winter Park, FL 32789

Seawall Parameter	Proposed	Allowed
Length (feet)	153	n.a.
Slope (Horizontal:Vertical)	3:1	3:1 min.
Material	Wood sheets Rock rip-rap	n.a.
Existing Erosion Problem (Yes/No)	Yes	Must have existing erosion problem
Meets vegetation requirement (Has active vegetation permit)	Yes	n.a.

### COMMENTS:

- The applicant is proposing to replace 153 linear feet of revetment to protect the shoreline from an ongoing erosion problem. The revetment will utilize wood sheet pile in front of the failing wall and will augment the existing stone face to meet current slope and coverage requirements.

### STAFF RECOMMENDATION:

- Approval.

REVIEWED BY: Timothy Egan





CITY OF WINTER PARK  
SHORELINE ALTERATION PERMIT APPLICATION  
REVETMENTS AND SEAWALL

P. W. Dept use only  
Amt: \$ 100  
Check#: 1213  
Date: 8-7-17  
SAP 17-11.

**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 SECOND TUESDAY OF EACH MONTH FOR HEARING IN THE FOLLOWING MONTH**

Water Body: LAKE VIRGINIA

Property Owner's Name(s) & Address:

JOHN MANTIONE  
374 HENKEL CIR.  
WINTER PARK, FL. 32789

Phone: 407-256-4284

Email: JOHN.MANTIONE@FIELDSAUTO.COM

Contractor (name & address) To Perform Work:

JIM PAWE / PAWES LAKE SCAPING  
2260 HAWKICK LN.  
WINTER PARK, FL. 32792

Phone: 407-860-6190

Email: PAWESLAKE SCAPING@YAHOO.COM

Site Address (if different): 374 HENKEL CIR, WINTER PARK, FL.

Project Description: REINFORCING CURRENT FOAM SEAWALL WITH  
KWOOD

Reason for Request: OLD WALL STARTING TO FAIL

Explain Hardship if Permit Not Granted: \_\_\_\_\_

354 Henkel  
394 Henkel

**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

  
\_\_\_\_\_  
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.
3. All Revetment/seawall applications are reviewed and decided upon by the Lakes and Waterways Advisory Board at their regular monthly meetings. Meetings are held every month on the second Tuesday, at 12:00 noon, at the Winter Park Public Safety Building located at 500 N. Virginia Avenue, Winter Park, FL 32789 in the Chief Beary Community Room, 2<sup>nd</sup> floor. Applicants may attend these meetings, but their presence is not required.

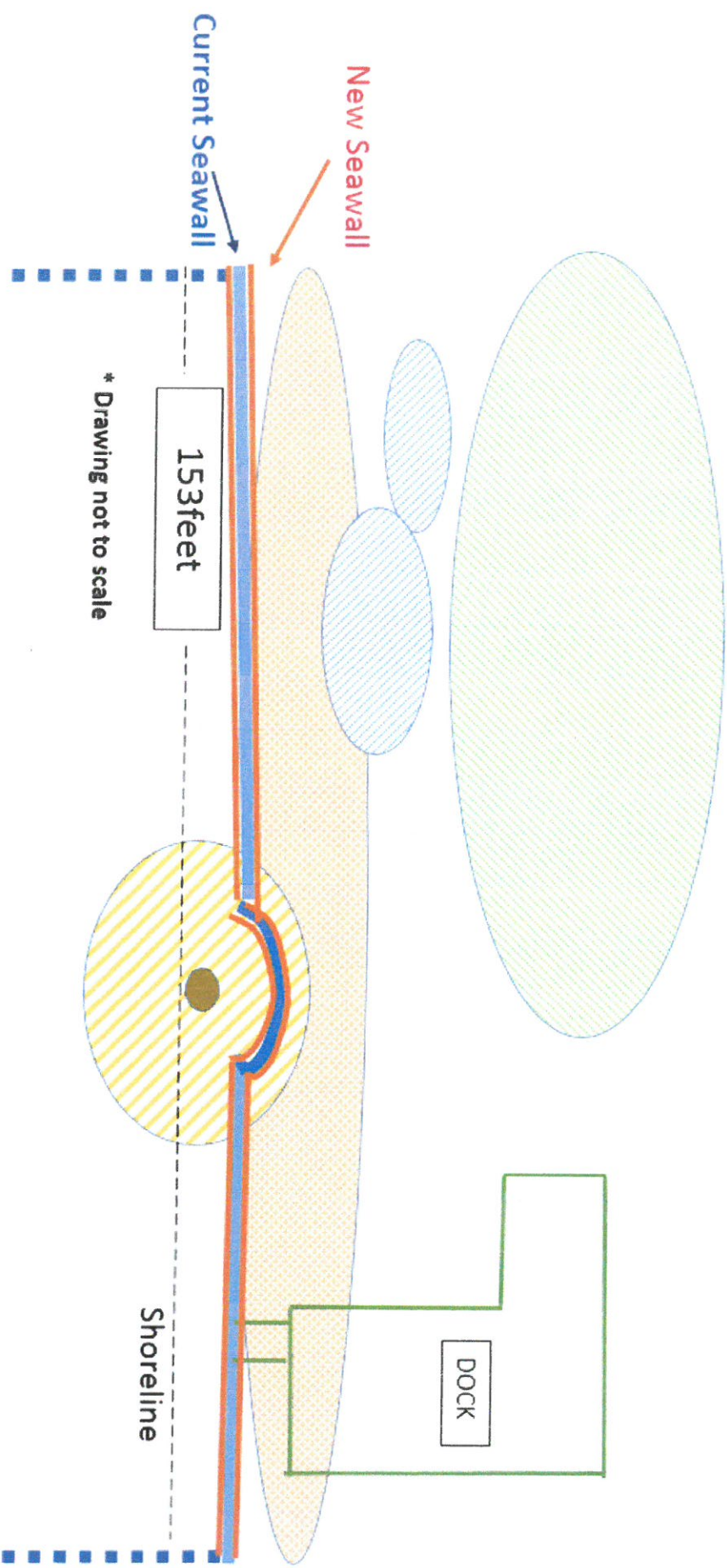
# Overview Seawall repair

Lake Virginia  
NWEH 68.3

**John Mantione**  
374 Henkel Circle  
Winter Park, FL. 32789  
407-256-4284



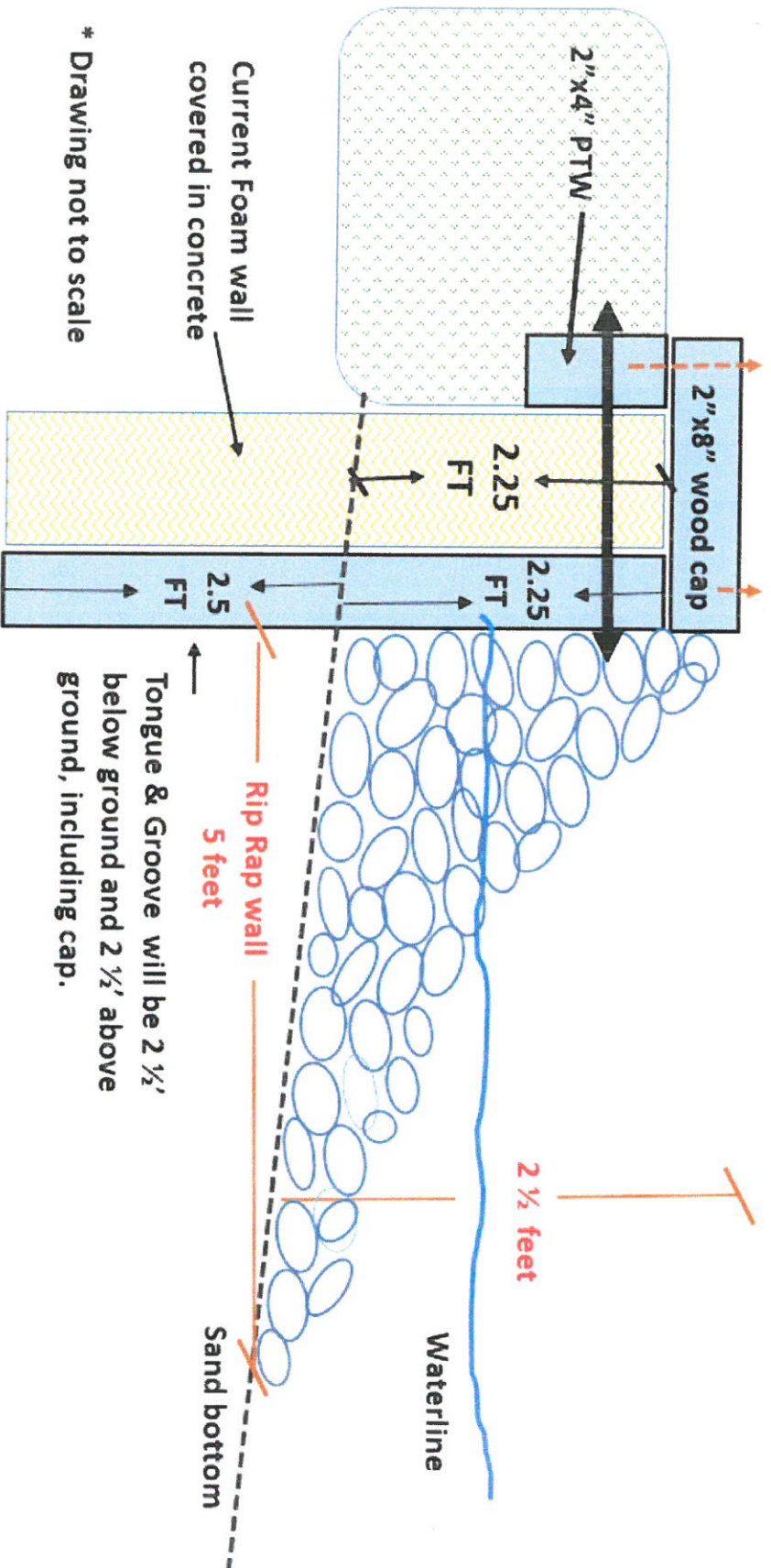
- Pickeral
  - Ellgrass
  - Lily pads
  - Cyprus Tree
  - Current Seawall
  - Property Line
- No plants will be removed





# Rip Rap Side elevation

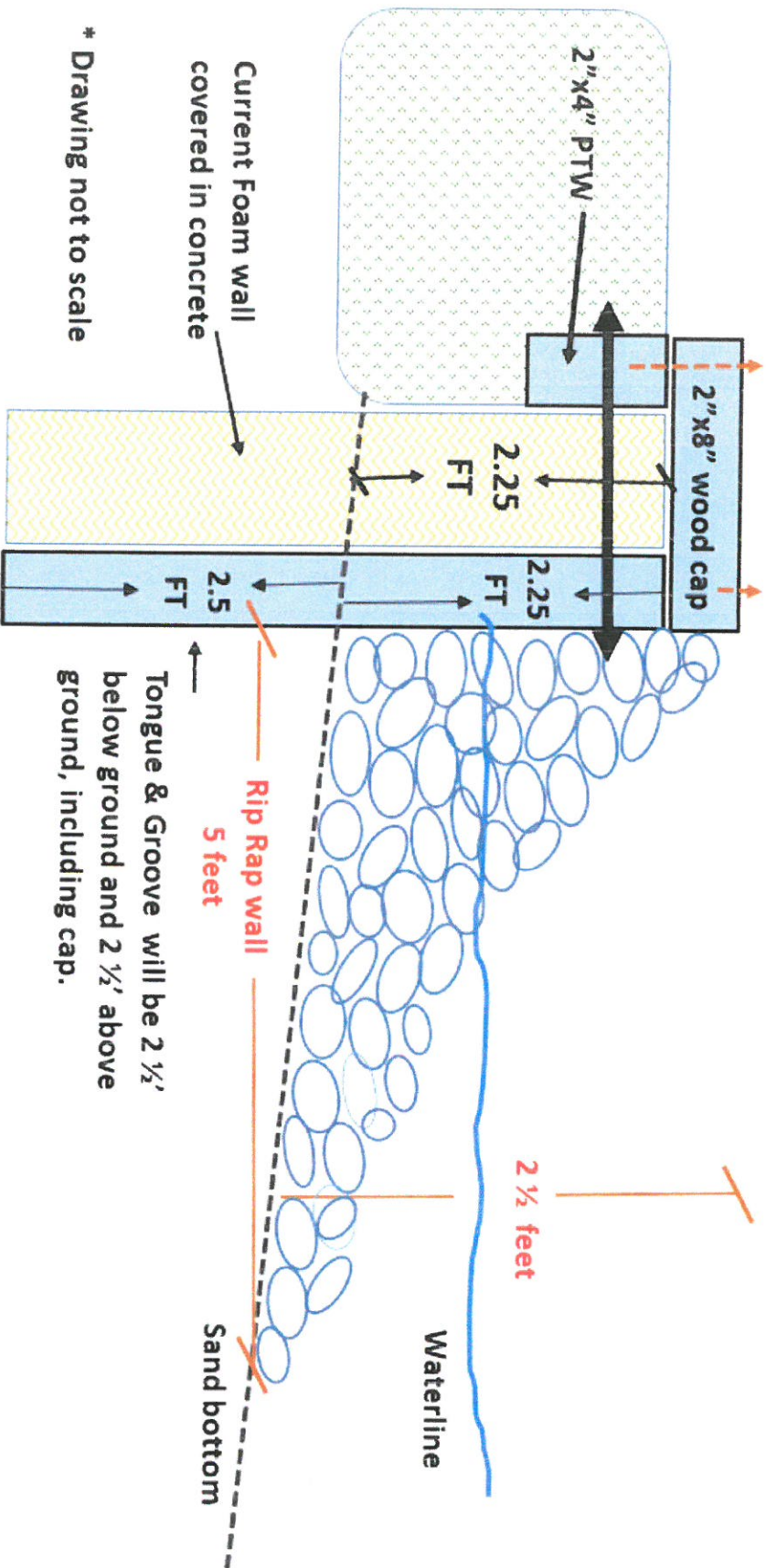
John Mantione  
374 Henkel Circle  
Winter Park, FL. 32789  
407-256-4284



\* Drawing not to scale

# Rip Rap Side elevation

John Mantione  
374 Henkel Circle  
Winter Park, FL. 32789  
407-256-4284



\* Drawing not to scale

**John Mantione**

374 Henkel Circle

Wonter Park, FL. 32789

407-256-4284 [john.mantione@fieldsauto.com](mailto:john.mantione@fieldsauto.com)

**LAKE VIRGINIA**

**Facing lake –Left Side**



**Facing Lake- Right side**



**John Mantione**

374 Henkel Circle

Wonter Park, FL. 32789

407-256-4284 [john.mantione@fieldsauto.com](mailto:john.mantione@fieldsauto.com)

**LAKE VIRGINIA**

**Standing at edge of left side, shooting towards right side (Due north)**



**Detail current Styrofoam wall covered in plaster**



**John Mantione**

374 Henkel Circle

Wonter Park, FL. 32789

407-256-4284 [john.mantione@fieldsauto.com](mailto:john.mantione@fieldsauto.com)

**LAKE VIRGINIA**

**Right side of property shooting towards the left (South)**



**Shooting from the dock towards left side of property**



**John Mantione**

374 Henkel Circle

Wonter Park, FL. 32789

407-256-4284 [john.mantione@fieldsauto.com](mailto:john.mantione@fieldsauto.com)

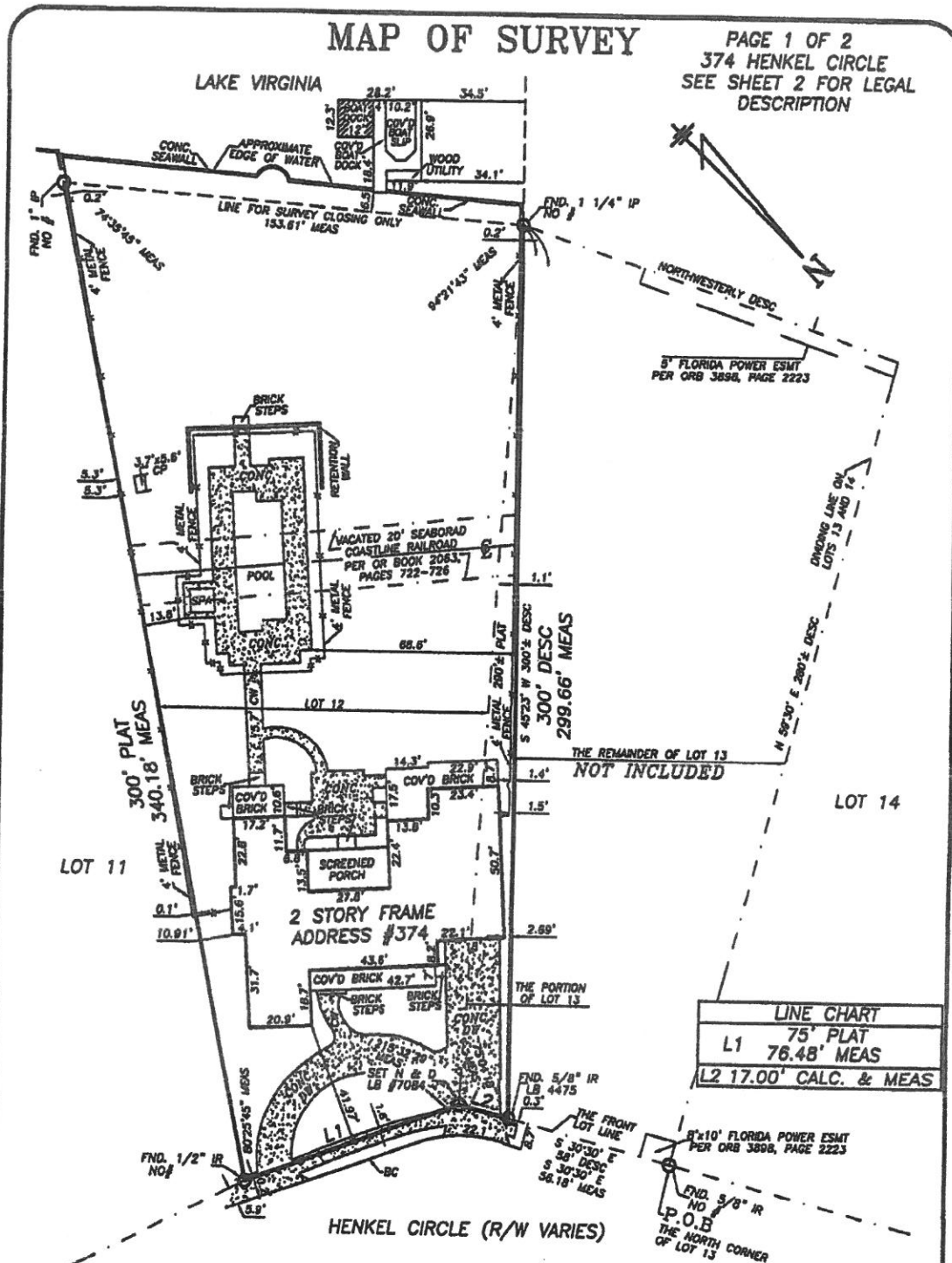
**LAKE VIRGINIA**

**Closer view of right side of property. Trees are on neighbors property.**



# MAP OF SURVEY

PAGE 1 OF 2  
374 HENKEL CIRCLE  
SEE SHEET 2 FOR LEGAL  
DESCRIPTION



LINE CHART	
L1	75' PLAT
L2	76.48' MEAS
L2 17.00' CALC. & MEAS	

8"x10" FLORIDA POWER ESMT  
PER ORB 3898, PAGE 2223

DF# 007-81-LOT12,13

NOTE: UNDERGROUND UTILITIES AND FOUNDATIONS HAVE NOT BEEN SHOWN.

BOUNDARY SURVEY CERTIFIED TO: MICHAEL B. RODRICKS AND NICOLE M. RODRICKS; LINDSAY WHITTAKER AND ELIZABETH WHITTAKER; SUNTRUST MORTGAGE, INC.; OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY; WINDERWEEDE, HAINES, WARD & WOODMAN, P.A.

FIELD DATE: JULY 8, 2011

SCALE: 1"=40' DRAWN BY: A.P.

BEARING STRUCTURE BASED ON THE SOUTHWEST RIGHT OF WAY LINE OF HENKEL CIRCLE.

- LEGEND**
- BC - BACK OF CURB
  - CALC - CALCULATED
  - CL - CENTERLINE
  - EA - CENTRAL ANGLE
  - CLF - CHAIN LINK FENCE
  - CONC - CONCRETE
  - CONC - CONCRETE BLOCK WALL
  - CM - CONCRETE MONUMENT
  - CP - CONCRETE PAD
  - CR - CONCRETE RAILWAY
  - COVD - COVERED
  - DESC - DESCRIPTION
  - DR - DRIVEWAY
  - ESMT - EASEMENT
  - GE - GRASSY EASEMENT
  - EDG - EDGE OF PAVEMENT
  - FYE - FINISHED FLOOR ELEVATION
  - FND - FOUND
  - IP - IRON PIPE
  - IR - IRON ROD
  - LD - AVG LENGTH
  - LB - LICENSE BUSINESS
  - MEAS - MEASURED
  - MT - METAL SHED
  - N&D - NAIL & DISK
  - N - NUMBER
  - OE - OVERHEAD ELECTRICAL
  - OL - ON LINE
  - POB - POINT OF BEGINNING
  - POC - POINT OF COMMENCEMENT
  - PC - POINT OF CURVATURE
  - PP - PLAT & MEASURED
  - P&M - PLAT & MEASURED
  - R - RADIUS
  - R/W - RIGHT OF WAY
  - TYP - TYPICAL
  - UE - UTILITY EASEMENT
  - UB - UTILITY BOX
  - WF - WOOD FENCE
  - WA - GUY WIRE ANCHOR

**M.A.P.**  
**Land Surveying, Inc.**

4515 Curry Ford Rd.  
Suite C  
Orlando Fl. 32812  
PH. 407 898 4557  
FAX 407 877 3778

E-Mail: [Mapiandsurvey@fl.rr.com](mailto:Mapiandsurvey@fl.rr.com) LB #7084

**Andrew Perry, P.S.M.**  
Professional Surveyor & Mapper #6124

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL BASED SEAL, OR THE ELECTRONIC SIGNATURE AND SEAL OF THIS FLORIDA LICENSED SURVEYOR AND MAPPER.

# MAP OF SURVEY DESCRIPTION

PAGE 2 OF 2  
374 HENKEL CIRCLE

LOTS 12 AND 13, T.M. HENKEL'S ADDITION TO WINTER PARK, ACCORDING TO THE MAP OR PLAT THEREOF AS RECORDED IN PLAT BOOK F, PAGE 61, PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA.

LESS AND EXCEPT THE FOLLOWING: BEGIN AT THE EXTREME NORTH CORNER OF LOT 13; RUN SOUTH 30°30' EAST, 58 FEET ALONG THE FRONT LOT LINE; THENCE SOUTH 45°23' WEST, 300 FEET, MORE OR LESS TO LAKE VIRGINIA; THENCE NORTHWESTERLY ALONG LAKE TO DIVIDING LINE ON LOTS 13 AND 14; THENCE NORTH 59°30' EAST, 280 FEET, MORE OR LESS TO THE POINT OF BEGINNING.

TOGETHER WITH THAT CERTAIN SEGMENT OF THE SEABOARD COASTLINE RAILROAD COMPANY'S FORMER ORLANDO-ALOMA MAIN TRACT RIGHT OF WAY, I.E., 20 FEET WIDE BY APPROXIMATELY 125 FEET IN LENGTH IN THE NORTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 8, TOWNSHIP 22 SOUTH, RANGE 30 EAST, ORANGE COUNTY, FLORIDA, LYING WITHIN THE LIMITS OF THE ABOVE DESCRIBED PROPERTY, AND AS BEING SHOWN ON PRINT OF SURVEY DATED NOVEMBER 28, 1962, PREPARED BY TINKLEPAUGH SURVEYING SERVICES, INC., WHICH PRINT IS ATTACHED TO THAT CERTAIN QUITCLAIM DEED RECORDED IN O.R. BOOK 2063, PAGE 722, PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA.

OF/ OCF-01--LOT12,13

NOTE: UNDERGROUND UTILITIES AND FOUNDATIONS HAVE NOT BEEN SHOWN

BOUNDARY SURVEY CERTIFIED TO: MICHAEL B. RODRICKS AND NICOLE M. RODRICKS; LINDSAY WHITTAKER AND ELIZABETH WHITTAKER; SUNTRUST MORTGAGE, INC.; OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY; WINDERVEEDE, HAINES, WARD & WOODMAN, P.A.

FIELD DATE: JULY 8, 2011

LEGEND	
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WF	- WOOD FENCE
WA	- WIRE ANCHOR

### REVISIONS

**M.A.P.**  
Land Surveying, Inc.



4515 Curry Ford Rd.  
Suite C  
Orlando FL 32812  
PH. 407 898 4557  
FAX 407 277 3778

E-Mail: [Mapiansurvey@cf.lrr.com](mailto:Mapiansurvey@cf.lrr.com)

LB #7084



## Shoreline Alteration Permit Application Staff Report (Dock/Boathouse)

Application #: 17:12    WATERBODY: Lake Killarney    Date: 8/26/17

### APPLICANT NAME AND SITE ADDRESS:

Larry Plante, 605 Lake Front Blvd, Winter Park, FL 32789

Dock Parameter	Proposed	Allowed	Variance yes/no/n.a.
Total Area (sq. feet)	~530	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)	10	10 min.*	n/a
Meets Vegetation Criteria?	No	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:

None.

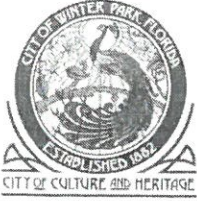
### Staff Recommendation:

Current site does not meet the specifications for vegetation requirements. Staff is recommending approval pending the submission of a replanting plan and shoreline permit application for aquatic plant management.

**Reviewed By:** Amy L. Giannotti



605 Lake Front Boulevard – 9.8.2016



**CITY OF WINTER PARK**  
**SHORELINE ALTERATION PERMIT APPLICATION**

Amt: \$ 75  
Check#: 18346  
Date: 8-26-17

General Instructions: To request approval of a Shoreline Alteration Permit Application complete this application and submit to Public Works Department (180 W. Lyman Ave.) 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 17:12

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

\$50.00 Fee for Docks Only

\$75. Fee for Boathouse & Dock

**APPLICANT/CONTRACTOR**

**OWNER**

Albert Cichra Builders, Inc.  
13936 Marine Drive  
Orlando, FL 32832

Larry Plante  
605 Lake Front Blvd  
Winter Park, FL 32789

Phone: (407) 275-8954

Phone: 321-436-9552

Email: cichra@bellsouth.net

Email: LarryPlante@msn.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

605 Lake Front Blvd

Lake Killarney

595 Lake Front Blvd  
518 Country Club Dr.

Sept mtg

01-22-29-5224-00-062

**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.

LORDS SUB P/89 COMM 1229.5 FT W OF SE COR NW1/4 OF SE1/4 N 240.17 FT N 58 DEG W 185 FT N 55 DEG W 356.04 FT N 41 DEG W 333.6 FT N 57 DEG E 299.97 FT TH N 48 DEG E 40.58 FT FOR A POB RUN N 48 DEG E 120 FT N 68 DEG W 183 FT M/L TO WATERS OF LK KILLARNEY SLY ALONG LAKE 79 FT TH S 55 DEG E 172 FT M/L TO POB

**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**

6/5/17  
**Date**

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

## Debbie Wilkerson

---

**From:** Amy Giannotti  
**Sent:** Thursday, September 28, 2017 4:07 PM  
**To:** Debbie Wilkerson  
**Subject:** FW: 605 Lakefront Blvd

Here is the revision to the application for 605 Lake Front Boulevard. The 30' reflects the extension of the dock from the NHWE waterward. Please include with the packet for the board.

Thank you,

Amy

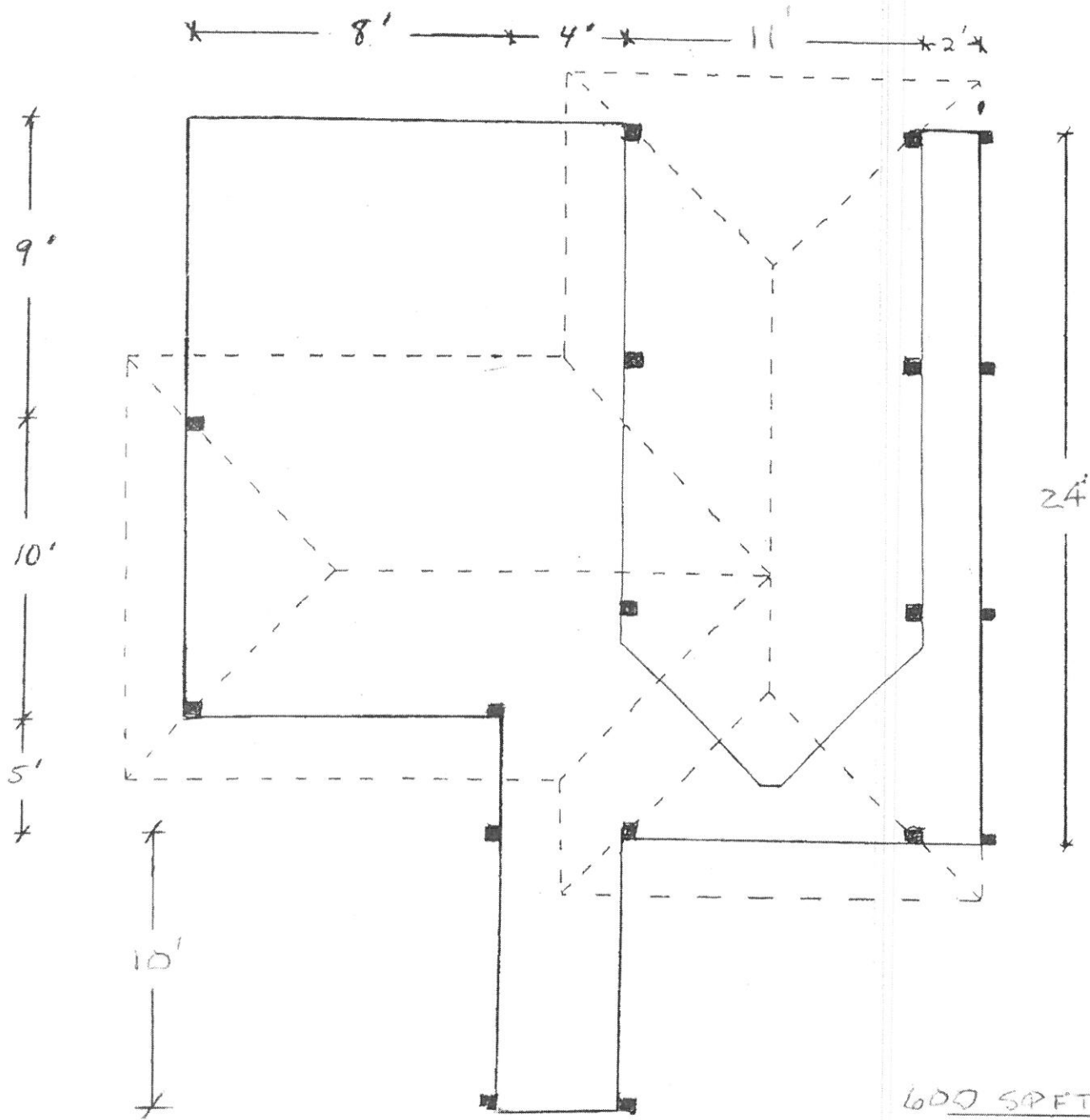
 <p>City of Winter Park 1409 Howell Branch Rd. Winter Park, FL 32789 cityofwinterpark.org</p>	<p><b>Amy Giannotti</b> Manager Lakes Division  407.599.3578 Division Hours: M-Th 7:00-5:30</p>
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Under Florida law, email addresses and written correspondence with the city become public record and must be made available to the public and media upon request (unless otherwise exempt). If you do not want your email address to be public record, please contact our office by phone.

**From:** Albert Cichra Builders, Inc. [mailto:cichra@bellsouth.net]  
**Sent:** Thursday, September 28, 2017 2:58 PM  
**To:** Amy Giannotti <AGiannotti@cityofwinterpark.org>  
**Subject:** Re: 605 Lakefront Blvd

Hi Amy:  
I spoke with Renea and together we looked at the paperwork.  
We agreed to 30' per our conversation earlier.



SMITH ASSOCIATES, INC

P.O. BOX 161853  
ALTAMONTE SPRINGS, FLORIDA 32715-1633  
PHONE: (407) 351-5577-FAX: (407) 351-6166  
Certificate of Authorization Number: LB 5235 EMAIL: LB55238@CW.com

BASE MAP INFORMATION PROVIDED BY:

LOT 162

# LORDS SUBDIVISION

ACCORDING TO THE PLAT THEREOF RECORDED IN PLAT BOOK V, PAGE 45  
OF THE PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA  
505 LAKE FRONT BLVD., WINTER PARK, FL  
PARCEL ID# 01-22-29-5224-00-062  
CITY OF WINTER PARK

**LAKE KILLARNEY**  
WATER ELEVATION 87.1  
(8/15/00)  
NORMAL HIGH WATER CONTOUR 85' (NGVD29)  
NATURE CONVERSION NHW EL. = 82'  
FALLS AT FACE OF RETAINING WALL  
ELEVATIONS SHOWN PERECH REFERENCE NORTH  
AMERICAN VERTICAL DATUM 1985

SETBACK:  
10'

20" hay bales

### REAR YARD SWALE SPECIFICATIONS:

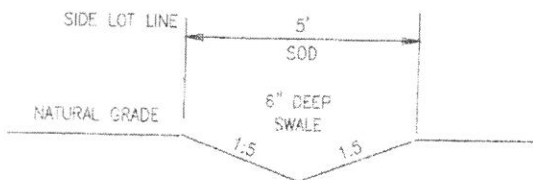
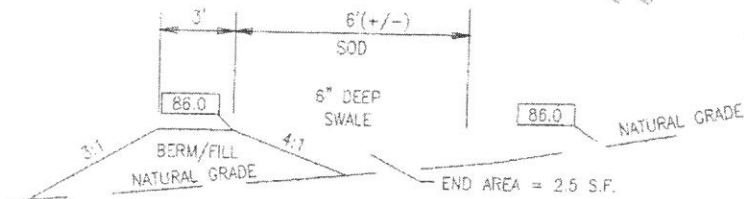
REAR YARD SWALE REQUIRED VOLUME  
2,015 S.F. IMPERVIOUS X 1/12 = 168 C.F.  
PROVIDED VOLUME SEE SECTION "B-B"  
2.5 S.F. x 70 FT. = 175 C.F.

TEMPORARY  
DRY POND FOR 6" DEEP DIRT  
SOCK AT END OF DISCHARGE PIPE  
FROM DE-WATERING PUMP

silt fence 12' from seall  
wall double silt fence

3' in show 20 inch wide  
hay bales

09-1491-



CITY OF WINTER PARK  
JUL 17 2009  
BUILDING DIVISION

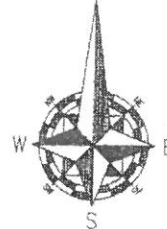
fence 12' from seall  
double silt fence

**PERVIOUS/IMPERVIOUS CALCULATIONS:**

TOTAL LOT AREA	16,324	SQ. FT. (+/-)
IMPERVIOUS AREAS		
DRIVE	1,242	SQ. FT. (+/-)
FOUNDATION HOUSE	3,764	SQ. FT. (+/-)
POOL & DECK	1,340	SQ. FT. (+/-)
LANAIS	334	SQ. FT. (+/-)
TOTAL IMPERVIOUS	6,680	SQ. FT. (+/-)
PERVIOUS AREAS		
LAWN/OPEN SPACE	9,644	SQ. FT. (+/-)
TOTAL ALL AREAS	16,324	SQ. FT. (+/-)

TOTAL IMPERVIOUS RATE % = 40.92 %  
TOTAL PERVIOUS RATE % = 59.08 %

North

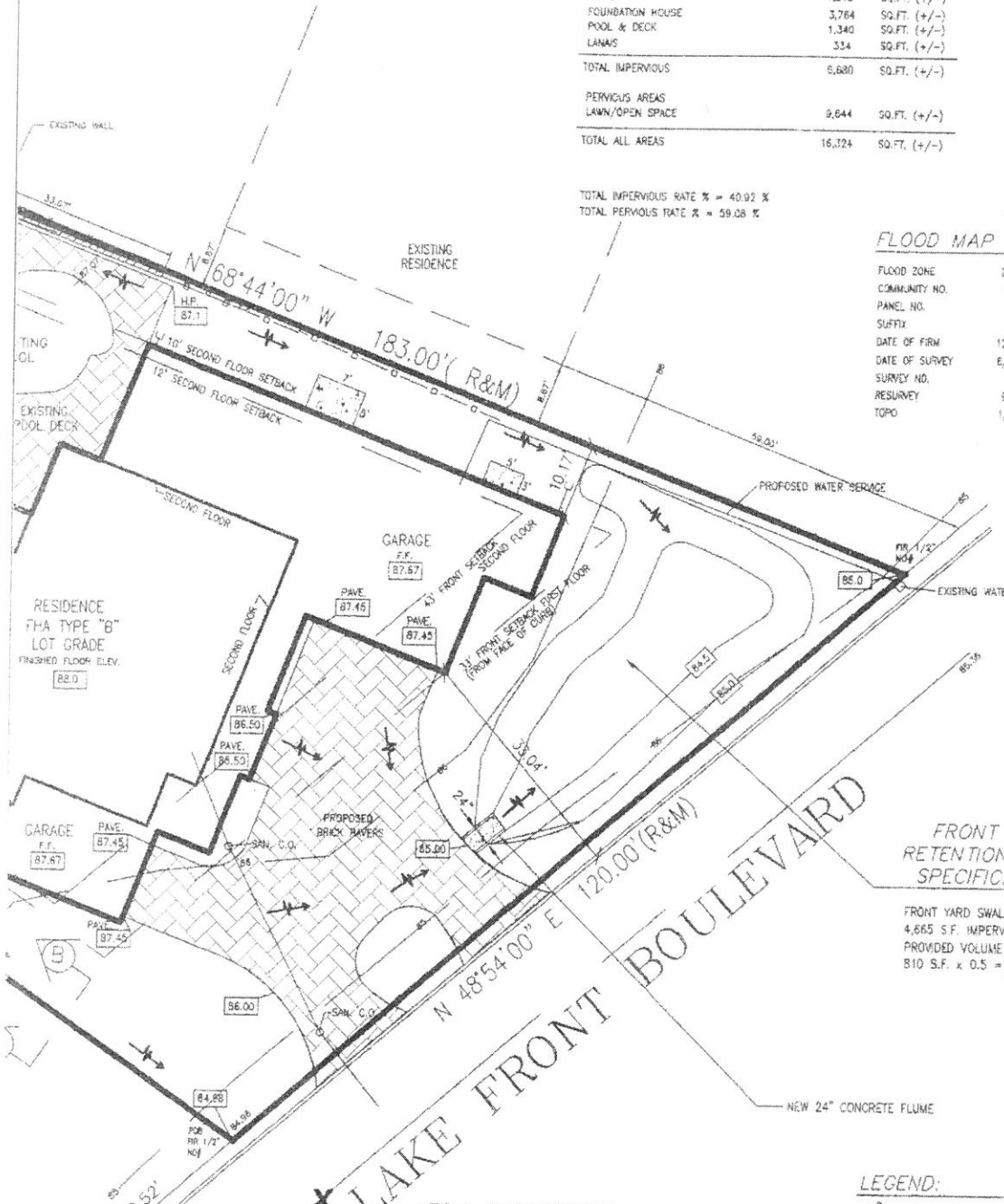


SCALE: 1" = 10'

**FLOOD MAP INFORMATION:**

FLOOD ZONE	ZONE "X"
COMMUNITY NO.	120179
PANEL NO.	0235
SUFFIX	E
DATE OF FIRM	12/5/00
DATE OF SURVEY	8/15/00
SURVEY NO.	29923
RESURVEY	9/25/03
TOPO	1/1/08

DATE ALL INFORMATION CONTAINED HEREIN WAS OBTAINED BY THE ENGINEER OR HIS EMPLOYEES OR AGENTS, AND THAT THE ENGINEER HAS REVIEWED THE SAME AND RECORDED. (CITY BECKETT 2008)	REGISTERED PROFESSIONAL ENGINEER NO. 120179	REGISTERED PROFESSIONAL SURVEYOR NO. 29923
PROJECT ENGINEER: LARRY PLANTE, P.E.	PROJECT SURVEYOR: JOHN TERRELL, P.S.	DATE: 6/15/08
CHECKED: DAVID J. SMITH, P.E.	CHECKED: JOHN TERRELL, P.S.	DATE: 6/15/08
DATE: 6/15/08	DATE: 6/15/08	DATE: 6/15/08



**FRONT YARD RETENTION AREA 1 SPECIFICATIONS:**

FRONT YARD SWALE REQUIRED VOLUME  
4,665 S.F. IMPERVIOUS X 1/12 = 389 C.F.  
PROVIDED VOLUME  
810 S.F. X 0.5 = 405 C.F.

**LEGAL DESCRIPTION:**

PROPERTY ADDRESS:  
605 LAKE FRONT BOULEVARD  
WINTER PARK, FLORIDA

LEGAL DESCRIPTION:  
FOR A POINT OF REFERENCE, COMMENCE AT THE SOUTHWEST CORNER OF THE NORTHWEST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 1, TOWNSHIP 22 SOUTH, RANGE 29 EAST, ORANGE COUNTY, FLORIDA; RUN THENCE WEST 1229.5 FEET TO A POINT ON THE SOUTH LINE OF LOT 3, LORD'S SUBDIVISION, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK P, PAGE 89, OF THE PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA; RUN THENCE S00°33'W 240.17 FEET; RUN THENCE N58°23'W 185.0 FEET; RUN THENCE N 65°33' W 358.04 FEET; RUN THENCE 41°31' W 333.6 FEET; RUN THENCE S7°07'E 289.97 FEET; RUN THENCE N48°54'E 40.52 FEET TO A POINT OF BEGINNING OF THIS DESCRIPTION; CONTINUE THENCE N48°54'E 122.0 FEET; RUN THENCE N87°44'W 183 FEET, MORE OR LESS, TO THE WATERS OF LAKE KILLARNEY; RUN THENCE SOUTHWESTERLY 79 FEET, MORE OR LESS, ALONG THE WATERS OF LAKE KILLARNEY TO A POINT WHICH BEARS N55°20'40"W FROM THE POINT OF BEGINNING; RUN THENCE S55°24'40"E 172 FEET, MORE OR LESS, TO THE POINT OF BEGINNING.

**LEGEND:**

- EXISTING FIELD GRADE
- PROPOSED FINISHED GRADE
- STORM RUNOFF DIRECTION

**OWNER:**

LAWRENCE D. PLANTE  
605 LAKE FRONT BOULEVARD  
WINTER PARK, FLORIDA 32789

**CONTRACTOR:**

DAVID J. SMITH, INC.  
1812 White Dove Drive  
Winter Springs, FL 32708  
407-366-6218 or 407-340-8222 cell

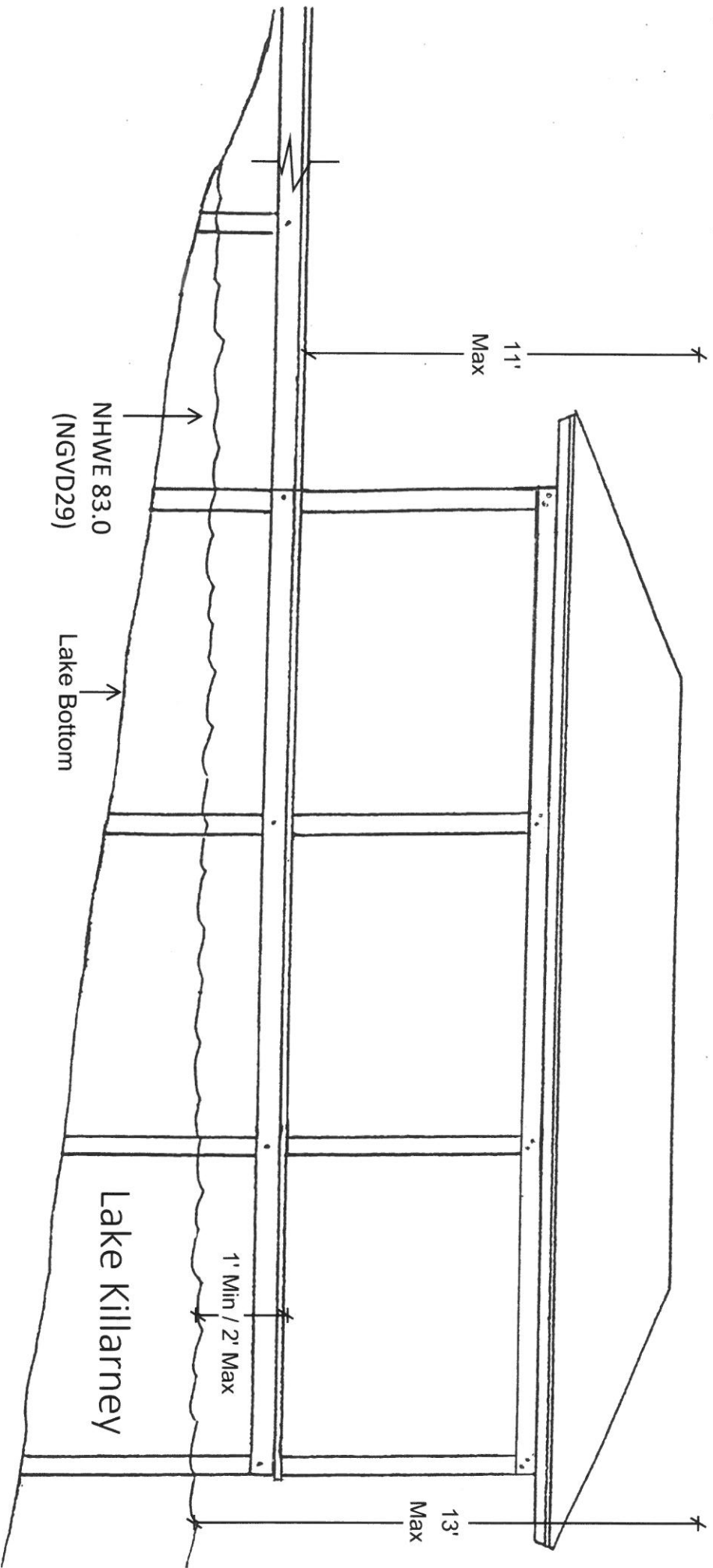
AMERICAN CIVIL  
ENGINEERING CO.  
397 W. HESS RD. SUITE 211 WINTER SPRINGS, FL 32789  
TEL (407) 327-7700; FAX (407) 327-4827  
CAL. No. 0728

LOT GRADING PLAN FOR:  
**Larry Plante**  
**605 Lake Front Blvd.**  
WINTER PARK, FLORIDA

DATE: JUN 16 2008  
DRAWN BY: [Signature]  
SCALE: 1" = 10'  
SHEET: 1 OF 1

PLAN DATE: 6/15/08





Plante

605 Lake Front Blvd



**City of Winter Park**

401 Park Avenue, South

Winter Park, Florida

32789-4386

•  
Department of Public  
Works

407-599-3233

407-599-3417 fax

•  
[www.cityofwinterpark.org](http://www.cityofwinterpark.org)

**SHORELINE ALTERATION PLAN REVIEW**  
**NOTIFICATION**  
**BOATHOUSE/DOCK CONSTRUCTION**

September 26, 2017

Property Owner  
595 Lake Front Blvd.  
Winter Park, FL 32789

This is to notify you that a neighboring property at 605 Lake Front Blvd., has submitted a shoreline application for Boathouse/Dock Construction on Lake Killarney.

The Lakes and Waterways Advisory Board will review these plans at their regular meeting on Tuesday, October 10, 2017, beginning at 12:00 p.m. (Noon) at the Chief Raymond E. Beary Community Room, 500 N. Virginia Ave., 2<sup>nd</sup> fl., Winter Park, FL

If you have any questions about this matter, please call Amy Giannotti in the Lakes Division at 407-599-3578 or attend the meeting on the referenced date.

---

**NOTE:** If a person decides to appeal any decision made by the Board with respect to any matter considered at such meeting or hearing, he will need a record of the proceedings, and that, for such purpose, he may need 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)

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



**City of Winter Park**

401 Park Avenue, South

Winter Park, Florida

32789-4386

•  
Department of Public  
Works

407-599-3233

407-599-3417 fax

•  
[www.cityofwinterpark.org](http://www.cityofwinterpark.org)

**SHORELINE ALTERATION PLAN REVIEW**  
**NOTIFICATION**  
**BOATHOUSE/DOCK CONSTRUCTION**

September 26, 2017

Property Owner  
518 Country Club Dr.  
Winter Park, FL 32789

This is to notify you that a neighboring property at 605 Lake Front Blvd., has submitted a shoreline application for Boathouse/Dock Construction on Lake Killarney.

The Lakes and Waterways Advisory Board will review these plans at their regular meeting on Tuesday, October 10, 2017, beginning at 12:00 p.m. (Noon) at the Chief Raymond E. Beary Community Room, 500 N. Virginia Ave., 2<sup>nd</sup> fl., Winter Park, FL

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

## Shoreline Alteration Permit Application Staff Report (Dock/Boathouse)

Application #: 17:14    WATERBODY: Lake Mizell/Virginia    Date: 9/13/17

### APPLICANT NAME AND SITE ADDRESS:

Robert Picerne, 1000 Genius Drive Winter Park, FL 32789

Dock Parameter	Proposed/VA	Proposed/Mizell	Allowed	Variance yes/no/n.a.
Total Area (sq. feet)	~382	~384	600 max.	n/a
Length from OHW (feet)	30	30	30	n/a
Height of Roof (feet above deck)	12	12	11 max.	n/a
Height of Deck (feet above OHW)	1-2'	1-2'	2 max.	n/a
Side Yard Setback(s) (feet)	10	10	10 min.*	n/a
Meets Vegetation Criteria?	No**	Yes	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:

Existing dock on Genius Canal will be removed. \*\*Shoreline on Lake Virginia is not currently in compliance with vegetation standards. May be due to high water and submersion of maidencane. Will work with permittee to monitor and make sure compliance is understood.

### Staff Recommendation:

Approval.

Reviewed By: Amy L. Giannotti



Lake Mizell



Lake Virginia





**CITY OF WINTER PARK  
SHORELINE ALTERATION PERMIT APPLICATION**

Amt: \$ 75  
Check#: 4225  
Date: 9-13-17

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. **Two complete sets of the application and plans are required.** (Signed and sealed plans are **NOT** required for the Shoreline Alteration Permit)

**DEADLINE IS THE SECOND TUESDAY OF EACH MONTH FOR HEARING IN THE FOLLOWING MONTH.**

SAP 17: 13

Water Body: LAKE VIRGINIA  
(Lake, Canal, etc.)

\$50.00 Fee for Docks Only

\$75. Fee for Boathouse & Dock

**APPLICANT/CONTRACTOR**

**OWNER**

MILHAEL CAIAZZA  
7151 ROSE AVE  
ORLANDO FL. 32810

ROBERT PICERNE  
\_\_\_\_\_  
\_\_\_\_\_

Phone: 407-532-9004

Phone: \_\_\_\_\_

Email: MCAIAZZA@AOL.COM

Email: \_\_\_\_\_

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

1000 GENIUS DR  
1008 Genius Dr

LAKE VIRGINIA

08-22-30-9356-00-010

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

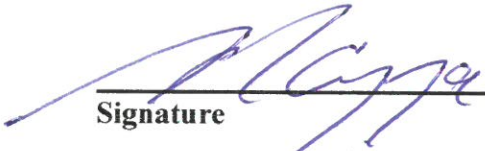
**Legal Description:** Provide complete and accurate legal description below including Plat Book and Page Number OR attach a copy of the legal description to this application.

WINDERMERE Woods Q/16 LOTS 1 & 2 & VAC RR R/W  
LYING ON E OF LOT 2

**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:

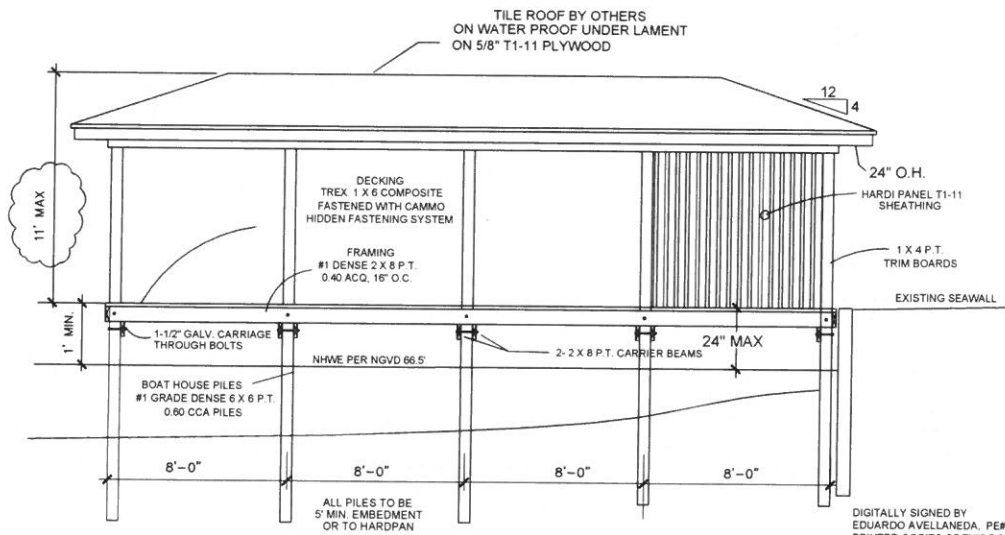
- the owner of the property described herein
- a party to an agreement for purchase or lease of this property
- an agent for the owner or purchaser/lessee of this property

  
\_\_\_\_\_  
Signature  
MICHAEL CAIAZZA

8-11-17  
\_\_\_\_\_  
Date

**SHORELINE ALTERANTION APPROAVAL IS REQUIRED PRIOR TO SUBMITTING  
FOR A BUILDING PERMIT**





**"LAKE VIRGINIA"  
SIDE ELEVATION**

**Eduardo Avellaneda**  
Digitally signed by Eduardo Avellaneda  
Date: 2017.09.28 13:49:04 -04'00'

DIGITALLY SIGNED BY  
EDUARDO AVELLANEDA, PE#40040  
PRINTED COPIES OF THIS DOCUMENT  
ARE NOT CONSIDERED SIGNED AND  
SEALED AND THE SIGNATURE MUST  
BE VERIFIED ON ANY ELECTRONIC  
COPIES

CEG COA#27213  
EDUARDO AVELLANEDA, P.E.  
REGISTRATION #40040  
2480 E. MICHIGAN STREET  
ORLANDO, FL 32806

DESIGN REQUIREMENTS:  
A. FLOORS LIVE LOAD IS 40 PSF BALCONIES  
DECKS, STAIRS, LIVE LOAD IS 60 PSF  
B. ROOF LIVE LOAD IS 30 PSF

NOTE THIS STRUCTURE HAS BEEN DESIGNED TO MEET  
OR EXCEED REQUIREMENTS OF THE FLORIDA BUILDING  
CODE 5th EDITION RESIDENTIAL (2014) PER ASCE 7-10  
1. NOMINAL WIND SPEED - 108MPH/ ULTIMATE WIND SPEED - 140MPH  
2. RISK FACTOR II  
3. WIND EXPOSURE - CATEGORY (D)  
4. INTERNAL PRESSURE COEFFICIENT - (ASCE 7-10)  
OPEN BUILDINGS= 0.00  
HEIGHT AND EXPOSURE ADJUSTMENT COEF. = (1.0)  
5. COMPONENTS AND CLADDING - PER FBCR 5th EDITION 2014



**KLP S D S**  
2200 W. US HWY 1, SUITE 200  
MAYLAND, FL 32751  
Phone (407) 947-7948  
Email: klp@kpsds.com

**Specialty Marine**  
BOAT DOCKS  
1000 GENIUS DR  
WINTER PARK, FL

Job No: P880  
Revisions

Drawn By: [ ]  
Date: 09/02/17  
Scale: 1/8" = 1'-0"

ELEVATION PLAN  
"LAKE VIRGINIA"

**A8**



**CITY OF WINTER PARK**  
**SHORELINE ALTERATION PERMIT APPLICATION**

Amt: \$ 75  
Check#: 4225  
Date: 9-13-17

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. **Two complete sets of the application and plans are required.** (Signed and sealed plans are **NOT** required for the Shoreline Alteration Permit)

**DEADLINE IS THE SECOND TUESDAY OF EACH MONTH FOR HEARING IN THE FOLLOWING MONTH.**

SAP 17: 17

Water Body: LAKE MIZELL  
(Lake, Canal, etc.)

\$50.00 Fee for Docks Only

\$75. Fee for Boathouse & Dock

**APPLICANT/CONTRACTOR**

**OWNER**

MICHAEL CAIAZZA  
7151 ROSE AVE  
ORLANDO FL 32810

ROBERT PICERNE  
\_\_\_\_\_  
\_\_\_\_\_

Phone: 407-532-9009

Phone: \_\_\_\_\_

Email: MCAIAZZA@AOL.COM

Email: \_\_\_\_\_

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.

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**PROPERTY**

Street Address :( if different):

Name of lake, canal or stream

1000 GENIUS DR

LAKE MIZELL

08-22-30-9356-00-010

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.

WINDERMERE Woods Q/16 LOTS 1 & 2 1/2 VAC RR R/W  
LYING ON E OF LOT 2

**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

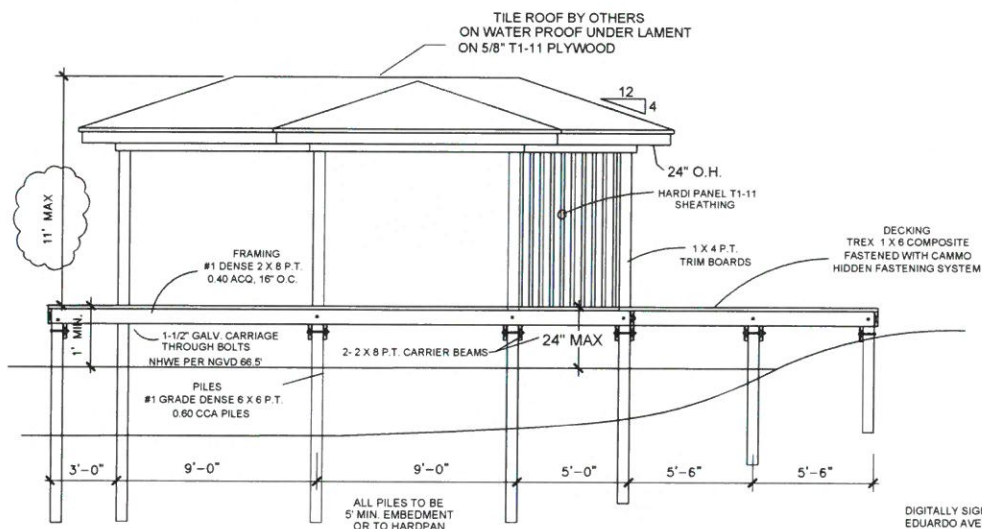
Signature

MICHAEL CAIAZZA

Date

8-11-17

**SHORELINE ALTERATION APPROVAL IS REQUIRED PRIOR TO SUBMITTING FOR A BUILDING PERMIT**



"LAKE MIZELL"  
SIDE ELEVATION

Eduardo Avellaneda  
Digitally signed by Eduardo Avellaneda  
Date: 2017.09.28 13:50:19 -04'00'

DIGITALLY SIGNED BY EDUARDO AVELLANEDA, PER#40040  
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES

CEG COA#27213  
EDUARDO AVELLANEDA, P.E.  
REGISTRATION #40040  
2480 E. MICHIGAN STREET  
ORLANDO, FL 32806

DESIGN REQUIREMENTS:  
A FLOORS LIVE LOAD IS 40 PSF BALCONIES,  
DECKS, STAIRS, LIVE LOAD IS 80 PSF  
B ROOF LIVE LOAD IS 30 PSF

NOTE THIS STRUCTURE HAS BEEN DESIGNED TO MEET OR EXCEED REQUIREMENTS OF THE FLORIDA BUILDING CODE 5th EDITION RESIDENTIAL (2014) PER ASCE 7-10  
1 NOMINAL WIND SPEED - 108MPH ULTIMATE WIND SPEED - 140MPH  
2 RISK FACTOR II  
3 WIND EXPOSURE - CATEGORY (D)  
4 INTERNAL PRESSURE COEFFICIENT - (ASCE 7-10) OPEN BUILDINGS= 0.00  
HEIGHT AND EXPOSURE ADJUSTMENT COEF. - (-1.0)  
5 COMPONENTS AND CLADDING - PER FBOR 5th EDITION 2014



Specialty Marine  
BOAT DOCKS  
1000 GENIUS DR.  
WINTER PARK, FL



JOB NO.	REVISIONS
10000	
Open By:	
Date:	09/28/17
Scale:	1/4" = 1'-0"

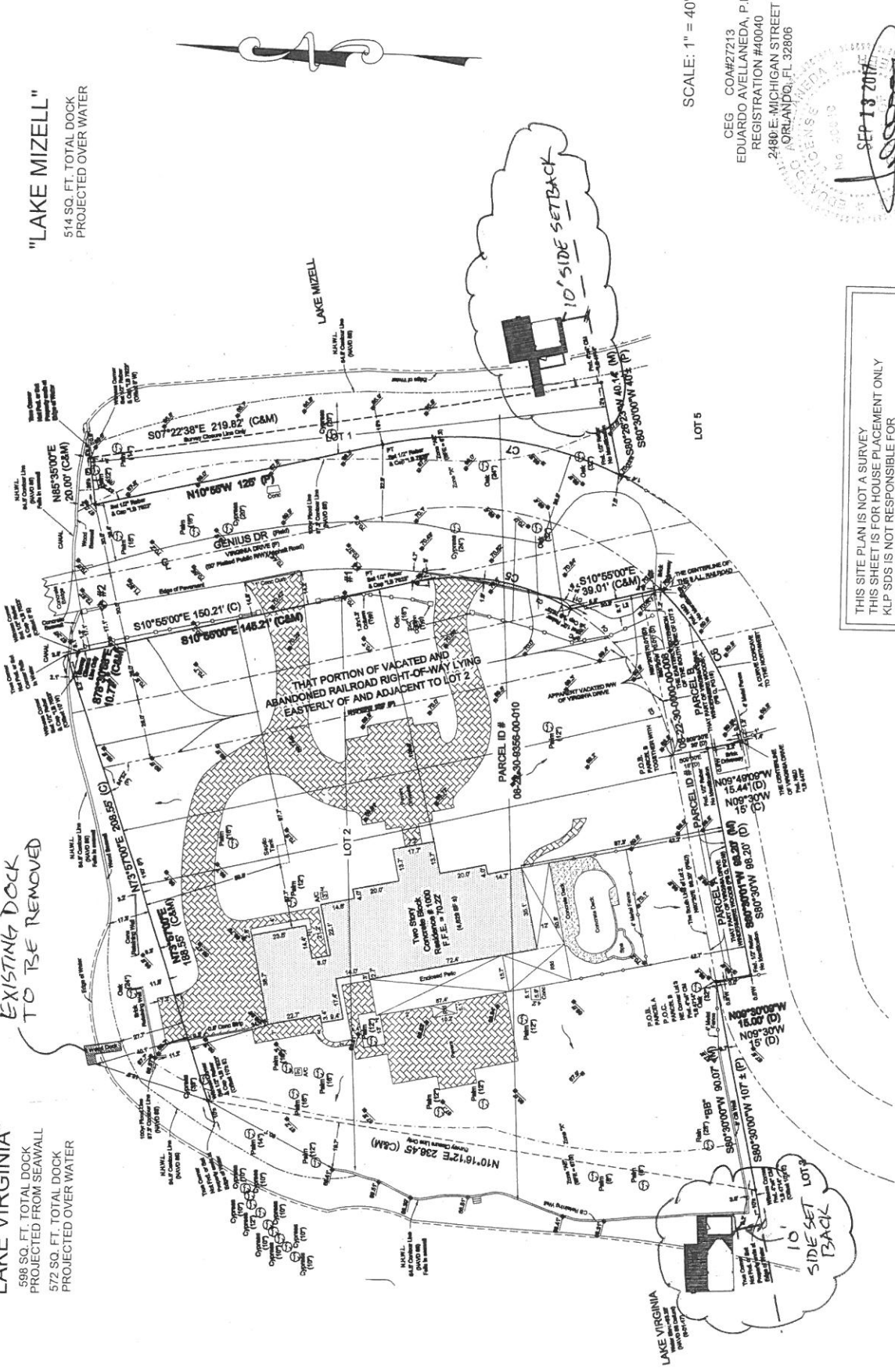
ELEVATION  
PLAN  
"LAKE MIZELL"

A4

**"LAKE MIZELL"**  
 514 SQ. FT. TOTAL DOCK  
 PROJECTED OVER WATER

**EXISTING DOCK  
 TO BE REMOVED**

**"LAKE VIRGINIA"**  
 588 SQ. FT. TOTAL DOCK  
 PROJECTED FROM SEAWALL  
 572 SQ. FT. TOTAL DOCK  
 PROJECTED OVER WATER



SCALE: 1" = 40'

CEG COA#27213  
 EDUARDO AVELLANEDA, P.E.  
 REGISTRATION #40040  
 2480 E. MICHIGAN STREET  
 ORLANDO, FL 32806



THIS SITE PLAN IS NOT A SURVEY  
 THIS SHEET IS FOR HOUSE PLACEMENT ONLY  
 KLP SDS IS NOT RESPONSIBLE FOR  
 ANY CIVIL INFORMATION OR SETBACK REQUIREMENTS  
 CONTRACTOR TO VERIFY ALL SITE INFORMATION WITH  
 OTHERS PRIOR TO CONSTRUCTION



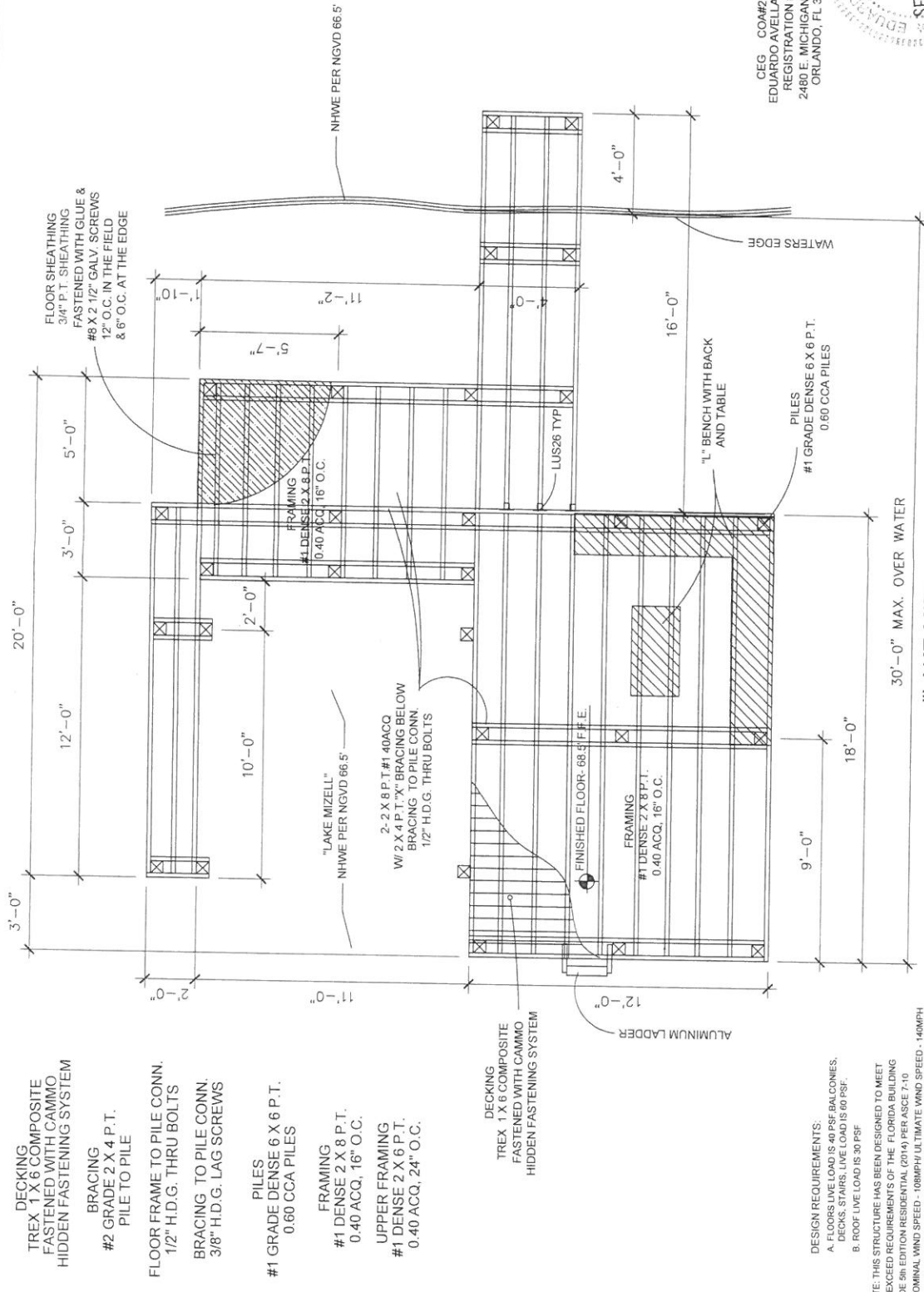
**Specialty Marine**  
 BOAT DOCKS  
 1000 GENIUS DR.  
 WINTER PARK, FL



REV. NO.	REVISIONS
1	
2	
3	
4	
5	
6	
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8	
9	
10	

CEG COA#27213  
 EDUARDO AVELLANEDA, P.E.  
 REGISTRATION #40040  
 2480 E. MICHIGAN STREET  
 ORLANDO, FL 32806

**A1**



**"LAKE MIZELL"  
 FRAMING &  
 DECKING PLAN**

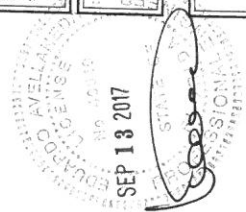
- DECKING  
 TREX 1 X 6 COMPOSITE  
 FASTENED WITH CAMMO  
 HIDDEN FASTENING SYSTEM
- BRACING  
 #2 GRADE 2 X 4 P.T.  
 PILE TO PILE
- FLOOR FRAME TO PILE CONN.  
 1/2" H.D.G. THRU BOLTS
- BRACING TO PILE CONN.  
 3/8" H.D.G. LAG SCREWS
- PILES  
 #1 GRADE DENSE 6 X 6 P.T.  
 0.60 CCA PILES
- FRAMING  
 #1 DENSE 2 X 8 P.T.  
 0.40 ACQ, 16" O.C.
- UPPER FRAMING  
 #2 DENSE 2 X 4 P.T.  
 0.40 ACQ, 16" O.C.

DECKING  
 TREX 1 X 6 COMPOSITE  
 FASTENED WITH CAMMO  
 HIDDEN FASTENING SYSTEM

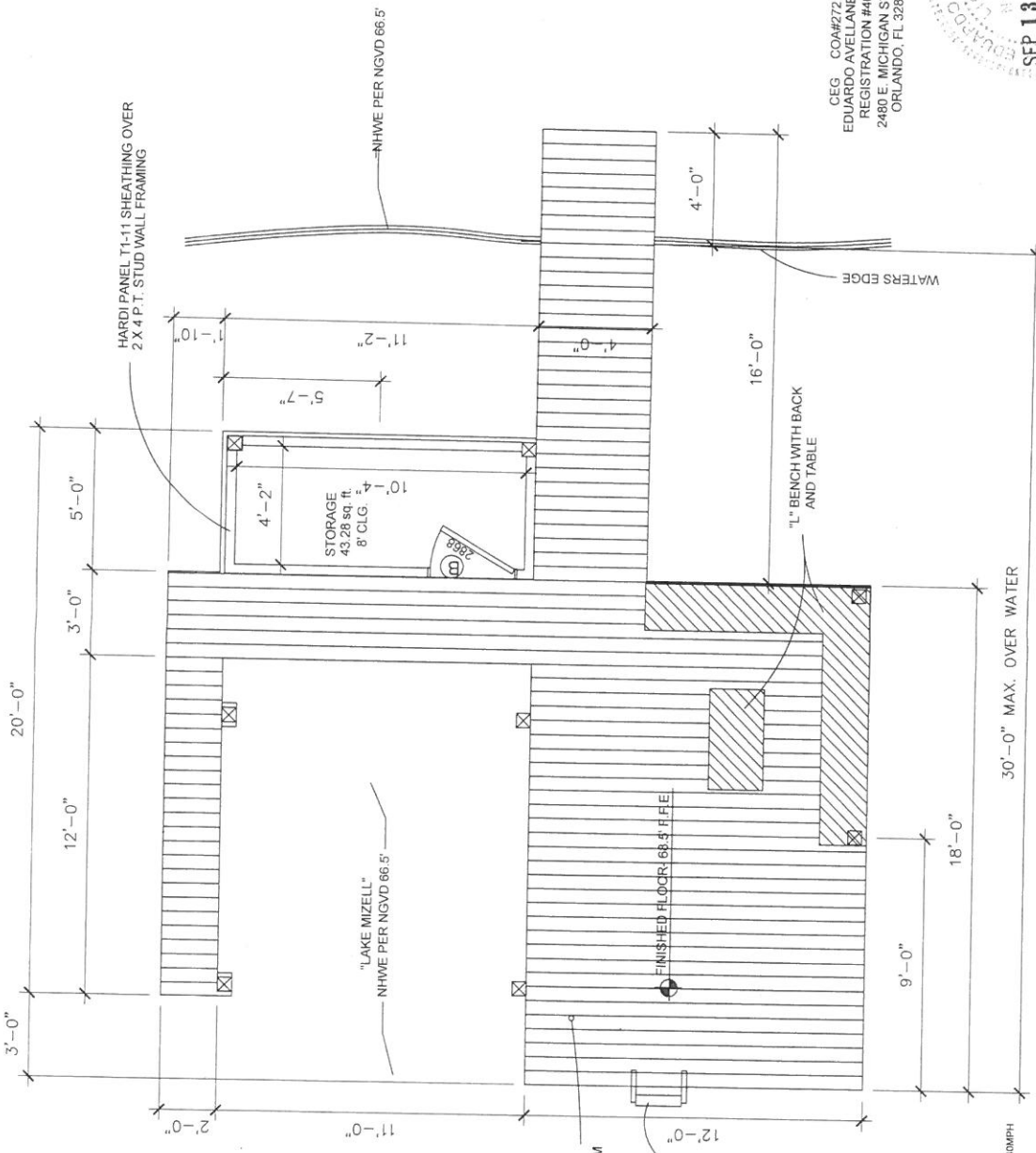
DESIGN REQUIREMENTS:  
 A. FLOORS LIVE LOAD IS 40 PSF BALCONIES,  
 DECKS, STAIRS. LIVE LOAD IS 60 PSF.  
 B. ROOF LIVE LOAD IS 30 PSF

NOTE: THIS STRUCTURE HAS BEEN DESIGNED TO MEET  
 OR EXCEED REQUIREMENTS OF THE FLORIDA BUILDING  
 CODE 5th EDITION RESIDENTIAL (2014) PER ASCE 7-10  
 1. NOMINAL WIND SPEED - 108MPH ULTIMATE WIND SPEED - 140MPH  
 2. RISK FACTOR II  
 3. WIND EXPOSURE - CATEGORY (D)  
 4. INTERNAL PRESSURE COEFFICIENT - (ASCE 7-10)  
 OPEN BUILDINGS= 0.00  
 HEIGHT AND EXPOSURE ADJUSTMENT COEF. - (+1.0)  
 5. COMPONENTS AND CLADDING - PER FBCH 5th EDITION 2014

CEG COA#27213  
 EDUARDO AVELLANEDA, P.E.  
 REGISTRATION #40040  
 2480 E. MICHIGAN STREET  
 ORLANDO, FL 32806



SEP 13 2017



**"LAKE MIZELL"  
 FLOOR PLAN**

**2014/140 MPH  
 EXTERIOR DOOR REQUIREMENTS**

EXTERIOR DOORS  
 SHALL BE CAPABLE OF WITHSTANDING POSITIVE AND  
 NEGATIVE WIND PRESSURES AS DETERMINED  
 BY FBC609.2(2)

EXTERIOR DOORS MUST BE MEET OR EXCEED  
 MIN REQ. OF +33.7 PSF / -36.7 PSF

DECKING  
 TREX 1 X 6 COMPOSITE  
 FASTENED WITH CAMMO  
 HIDDEN FASTENING SYSTEM

**DESIGN REQUIREMENTS:**

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NOTE: THIS STRUCTURE HAS BEEN DESIGNED TO MEET OR EXCEED REQUIREMENTS OF THE FLORIDA BUILDING CODE 5th EDITION RESIDENTIAL (2014) PER ASCE 7-10

- 1. NOMINAL WIND SPEED - 100MPH ULTIMATE WIND SPEED - 140MPH
- 2. RISK FACTOR II
- 3. WIND EXPOSURE - CATEGORY (D)
- 4. INTERNAL PRESSURE COEFFICIENT - (ASCE 7-10)
- 5. OPEN BUILDINGS - (0)
- HEIGHT AND EXPOSURE ADJUSTMENT COEF. - (+1.0)
- 6. COMPONENTS AND CLADDING - PER FBC 306 EDITION 2014



12 SPILL & BURN DOCKS  
1200 W. UNIVERSITY BLVD.  
MAITLAND, FL 32751  
Phone (407) 947-7549  
Email: kspds@kspds.com

Specialty Marine  
BOAT DOCKS  
1000 GENIUS DR.  
WINTER PARK, FL



REVISIONS	
Job No:	PE880
Drawn By:	IKP
Date:	09/02/17
Scale:	1/4" = 1'-0"

ROOF  
FRAMING  
PLAN  
"LAKE MIZELL"

A3

DECKING  
TREX 1 X 6 COMPOSITE  
FASTENED WITH CAMMO  
HIDDEN FASTENING SYSTEM

BRACING  
#2 GRADE 2 X 4 P.T.  
PILE TO PILE

FLOOR FRAME TO PILE CONN.  
1/2" H.D.G. THRU BOLTS

BRACING TO PILE CONN.  
3/8" H.D.G. LAG SCREWS

PILES  
#1 GRADE DENSE 6 X 6 P.T.  
0.60 CCA PILES

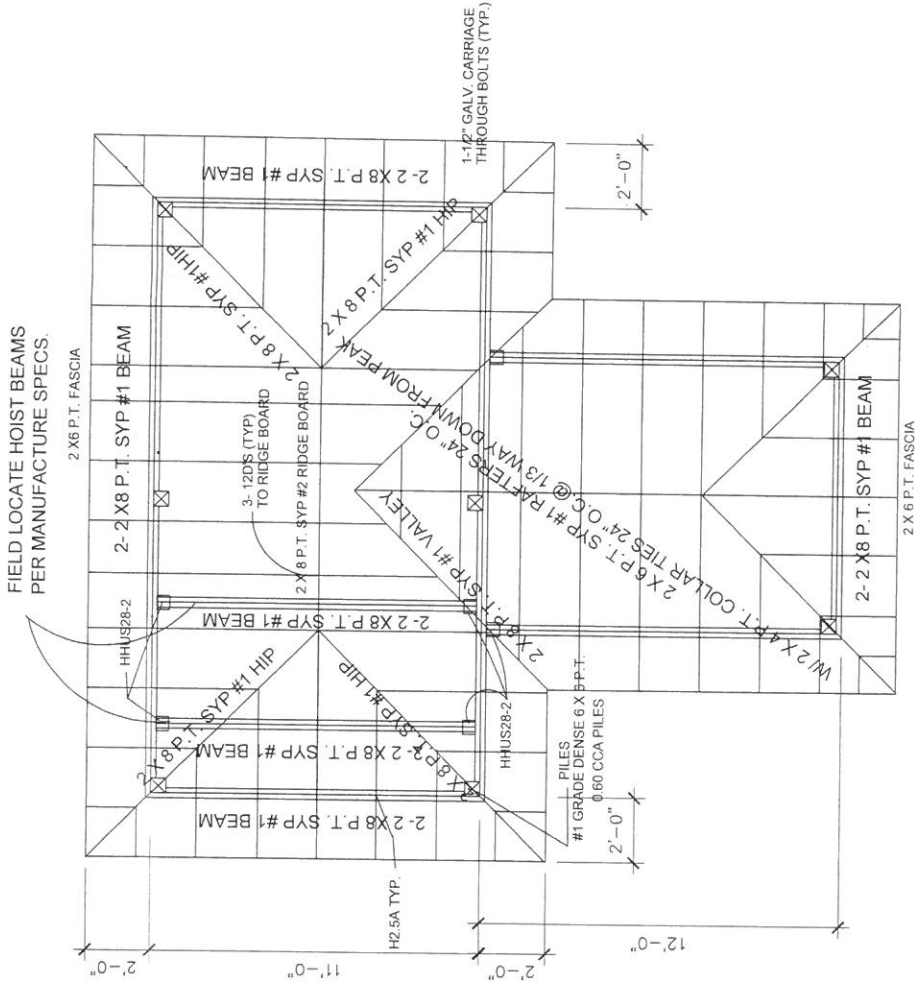
FRAMING  
#1 DENSE 2 X 8 P.T.  
0.40 ACQ, 16" O.C.

UPPER FRAMING  
#1 DENSE 2 X 6 P.T.  
0.40 ACQ, 24" O.C.

CEG COA#27213  
EDUARDO AVELLANEDA, P.E.  
REGISTRATION #40040  
2480 E. MICHIGAN STREET  
ORLANDO, FL 32805



SEP 13 2017



DESIGN REQUIREMENTS:  
A. FLOORS LIVE LOAD IS 40 PSF BALCONIES, DECKS, STAIRS. LIVE LOADS 60 PSF.  
B. ROOF LIVE LOAD IS 30 PSF

NOTE: THIS STRUCTURE HAS BEEN DESIGNED TO MEET OR EXCEED REQUIREMENTS OF THE FLORIDA BUILDING CODE 5th EDITION RESIDENTIAL (2014) PER ASCE 7-10

- NOMINAL WIND SPEED - 108MPH ULTIMATE WIND SPEED - 140MPH
- RISK FACTOR II
- WIND EXPOSURE - CATEGORY II
- INTERNAL PRESSURE COEFFICIENT: (ASCE 7-10) OPEN BUILDINGS= 0.00
- HEIGHT AND EXPOSURE ADJUSTMENT COEF. = (+1.0)
- COMPONENTS AND CLADDING: PER FBCR 5th EDITION 2014

"LAKE MIZELL"  
ROOF PLAN



**KLP**  
 K S D  
 25 S. WINDY AVENUE, SUITE 205  
 WINTER PARK, FL 32789  
 Phone: (407) 941-7250  
 Email: klp@kpsds.com

**Specialty Marine**  
 1000 GENIUS DR.  
 WINTER PARK, FL

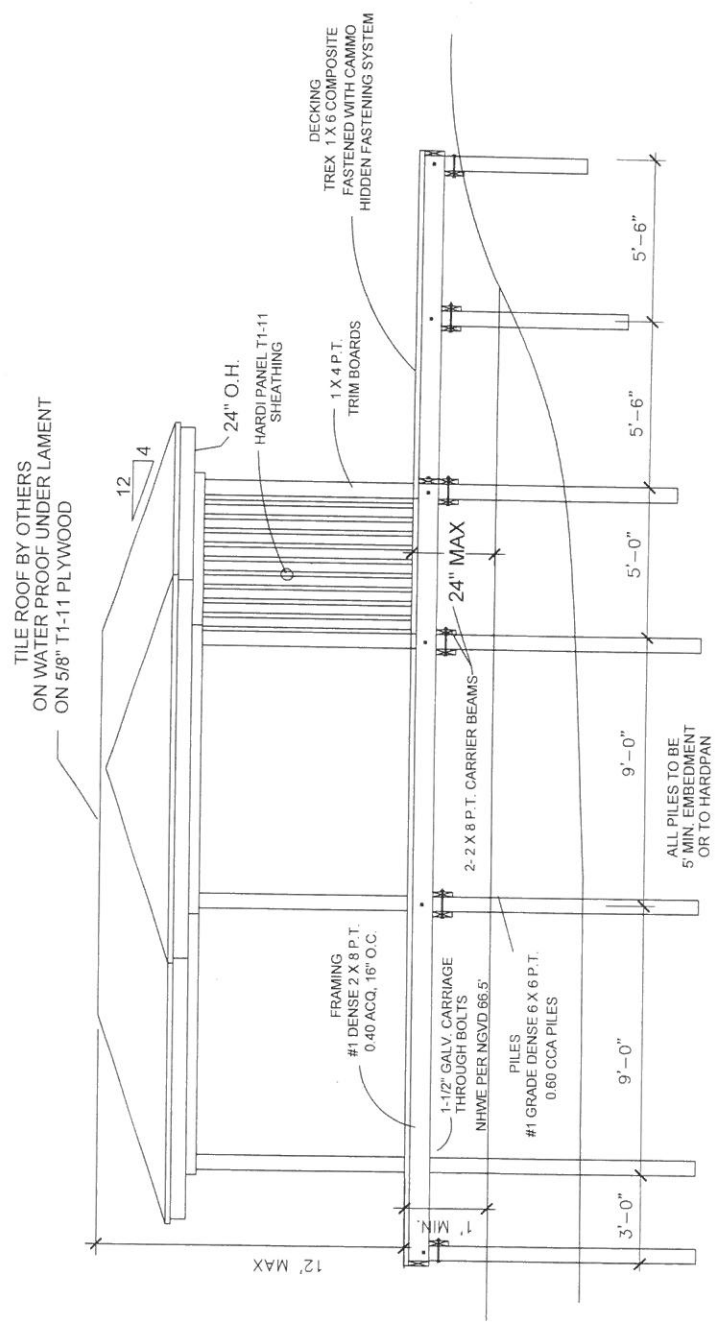


REVISIONS	
Job No.	18880
Drawn By	TRP
Date	09/02/17
Scale	1/4" = 1'-0"

ELEVATION  
 PLAN  
 "LAKE MIZELL"

**A4**

CEG COA#27213  
 EDUARDO AVELLANEDA, P.E.  
 REGISTRATION #40040  
 2480 E. MICHIGAN STREET  
 ORLANDO, FL 32806



**"LAKE MIZELL"  
 SIDE ELEVATION**

DESIGN REQUIREMENTS:  
 A. FLOORS, LIVE LOAD IS 40 PSF/BALCONIES, DECKS, STAIRS; LIVE LOAD IS 60 PSF.  
 B. ROOF LIVE LOAD IS 30 PSF

NOTE: THIS STRUCTURE HAS BEEN DESIGNED TO MEET OR EXCEED REQUIREMENTS OF THE FLORIDA BUILDING CODE 5th EDITION RESIDENTIAL (2014) PER ASCE 7-10  
 1. NOMINAL WIND SPEED - 108MPH/ULTIMATE WIND SPEED - 140MPH  
 2. RISK FACTOR II  
 3. WIND EXPOSURE - CATEGORY (D)  
 4. INTERNAL PRESSURE COEFFICIENT - (ASCE 7-10) OPEN BUILDINGS= 0.00  
 HEIGHT AND EXPOSURE ADJUSTMENT COEF. - (\*1.0)  
 5. COMPONENTS AND CLADDING: PER FBCR 5th EDITION 2014

**KLP SDs**  
 K.L. SMITH & ASSOCIATES  
 123 S. BAYVIEW BLVD., STE. 700  
 MIAMI, FL 33131  
 Phone: (305) 847-7540  
 Email: klp@kpsd.com

**Specialty Marine**  
 BOAT DOCKS  
 1000 GENIUS DR.  
 WINTER PARK, FL



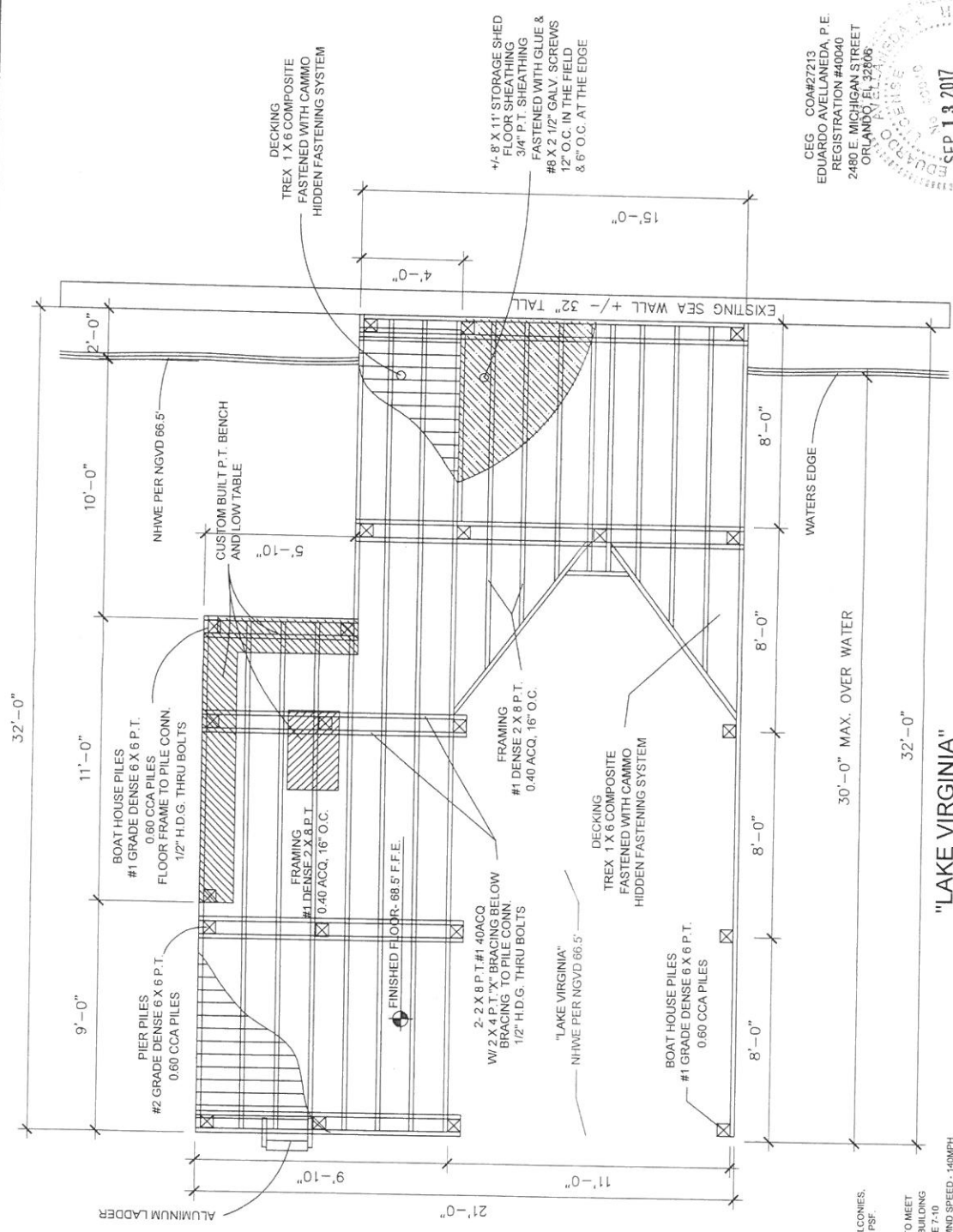
Job No.	PR880
Drawn By	KCP
Date	09/02/17
Scale	1/8" = 1'-0"

FRAMING & DECKING PLAN  
 "LAKE VIRGINIA"

A5

CEG COA#27213  
 EDUARDO AVELLANEDA, P.E.  
 REGISTRATION #40040  
 2480 E. MICHIGAN STREET  
 ORLANDO, FL 32806

SEP 13 2017



**"LAKE VIRGINIA"  
 FRAMING &  
 DECKING PLAN**

DESIGN REQUIREMENTS:  
 A. FLOORS, LIVE LOADS IS 40 PSF; BALCONIES, DECKS, STAIRS, LIVE LOAD IS 60 PSF.  
 B. ROOF LIVE LOAD IS 30 PSF

NOTE: THIS STRUCTURE HAS BEEN DESIGNED TO MEET OR EXCEED REQUIREMENTS OF THE FLORIDA BUILDING CODE 5th EDITION RESIDENTIAL (2014) PER ASCE 7-10

1. NOMINAL WIND SPEED - 109MPH ULTIMATE WIND SPEED - 140MPH
2. RISK FACTOR II
3. WIND EXPOSURE - CATEGORY (0)
4. INTERNAL PRESSURE COEFFICIENT - (ASCE 7-10) OPEN BUILDINGS = 0.00
5. COMPONENTS AND CLADDING - PER FBCH 5th EDITION 2014

**2014/140 MPH  
EXTERIOR DOOR REQUIREMENTS**

EXTERIOR DOORS SHALL BE CAPABLE OF WITHSTANDING POSITIVE AND NEGATIVE WIND LOADS AS DETERMINED BY FBC609.2(1).

(B) EXTERIOR DOORS MUST BE MEET OR EXCEED MIN. REQ. OF +337 PSF / -367 PSF

**K S D S**  
K S D S ARCHITECTURAL SERVICES  
135 S BRADY AVE., 3RD FL.  
ORLANDO, FL 32801  
Phone: (407) 847-7549  
Email: ksds@ksdsarch.com

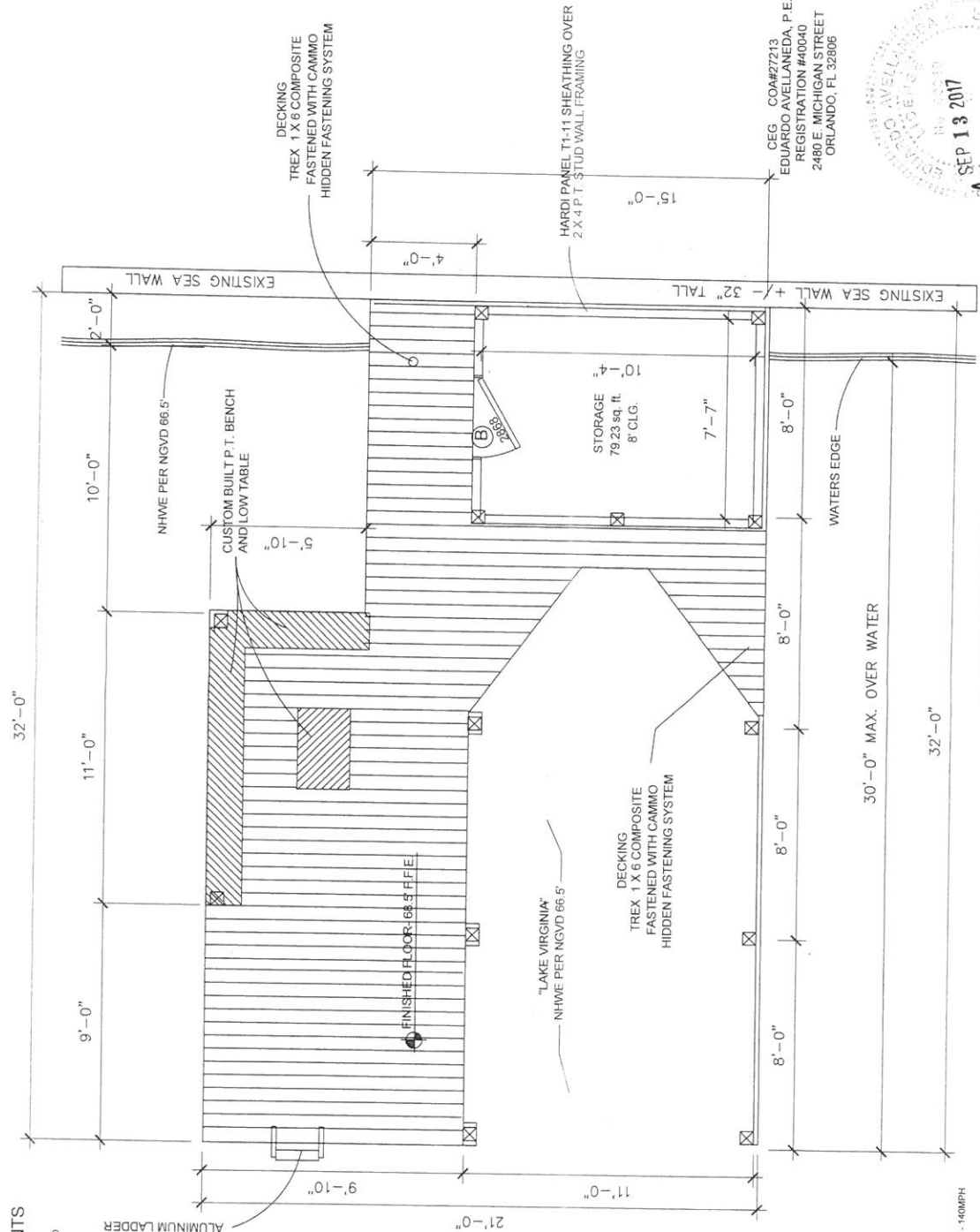
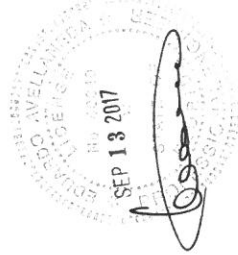
**Specialty Marine**  
BOAT DOCKS  
1000 GENIUS DR.  
WINTER PARK, FL

**CEG**  
Civil Engineering Group, Inc.  
10000 Lake Nona Blvd., Suite 100  
Orlando, FL 32826  
Phone: (407) 280-1111  
Fax: (407) 280-1112  
www.cecivil.com

Job No.	Revisions
P8880	
Drawn By: RCP	
Date: 09/10/17	
Scale: 1/4" = 1'-0"	

FLOOR PLAN  
"LAKE VIRGINIA"

**A6**



**"LAKE VIRGINIA"  
FLOOR PLAN**

**DESIGN REQUIREMENTS:**

- A. FLOORS LIVE LOAD IS 40 PSF; BALCONIES, DECKS, STAIRS, LIVES 60 PSF.
  - B. ROOF LIVE LOAD IS 30 PSF
- NOTE: THIS STRUCTURE HAS BEEN DESIGNED TO MEET OR EXCEED REQUIREMENTS OF THE FLORIDA BUILDING CODE 5th EDITION RESIDENTIAL (2014) PER ASCE 7-10
1. NOMINAL WIND SPEED - 108MPH ULTIMATE WIND SPEED - 140MPH
  2. RISK FACTOR II
  3. WIND EXPOSURE - CATEGORY (0)
  4. INTERNAL PRESSURE COEFFICIENT - (ASCE 7-10) OPEN BUILDINGS= 0.00
  5. COMPONENTS AND CLADDING - PER FBCH 5th EDITION 2014

K S D S  
 18 S.W. 11TH AVENUE  
 25 S.W. 44TH STREET  
 MAITLAND, FL 32751  
 Phone (407) 941-7549  
 Email: ksds@ksds.com

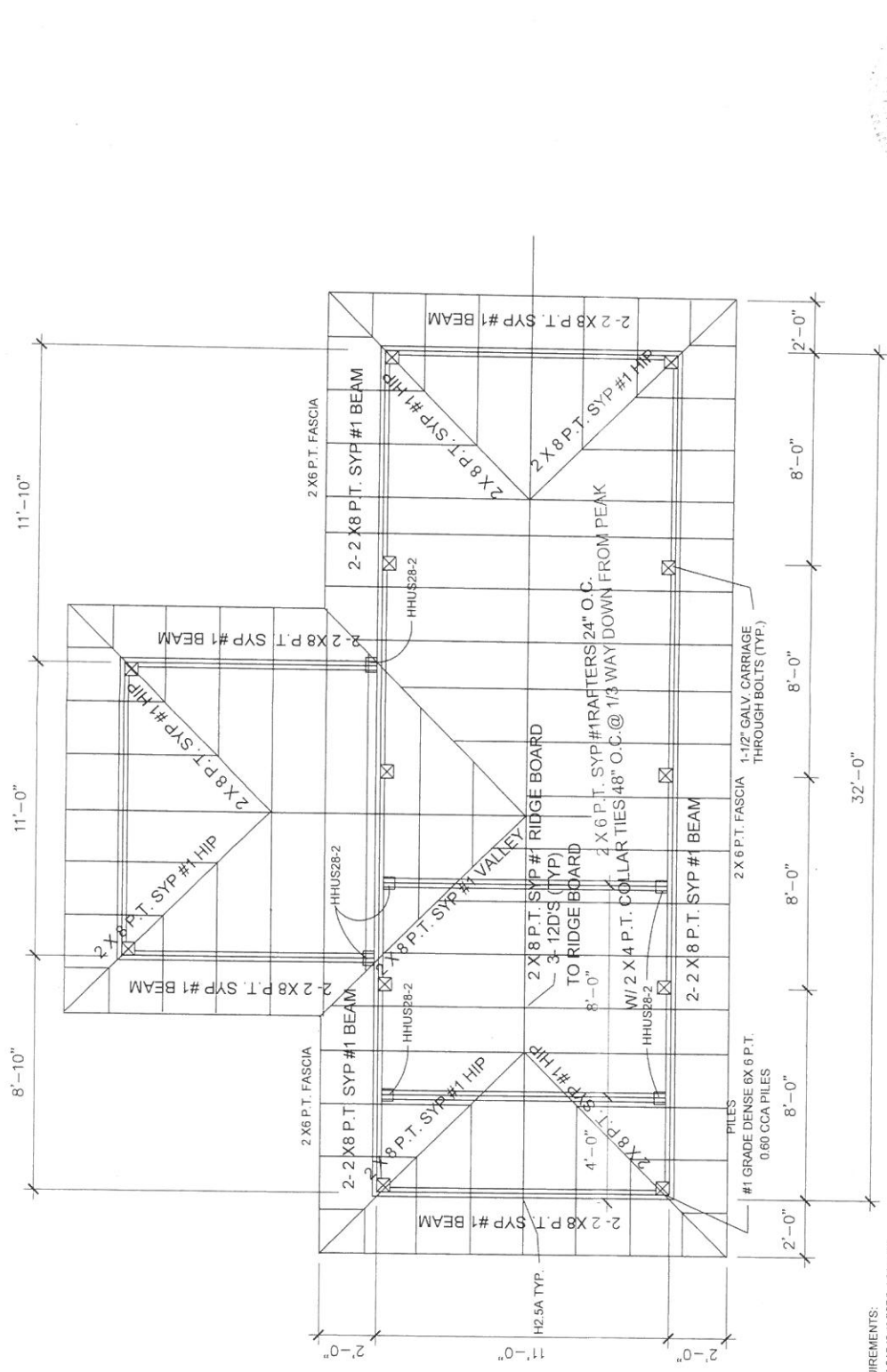
Specialty Marine  
 BOAT DOCKS  
 1000 GENIUS DR.  
 WINTER PARK, FL



Job No.	Revised By	Date	Scale
P8880		09/02/17	1/4" = 1'-0"
PKP			

ROOF  
 FRAMING  
 PLAN  
 "LAKE VIRGINIA"

A7



"LAKE VIRGINIA"  
 ROOF PLAN

DESIGN REQUIREMENTS:  
 A. FLOORS LIVE LOAD IS 40 PSF BALCONIES,  
 DECKS, STAIRS LIVE LOAD IS 60 PSF.  
 B. ROOF LIVE LOAD IS 30 PSF

NOTE: THIS STRUCTURE HAS BEEN DESIGNED TO MEET  
 OR EXCEED REQUIREMENTS OF THE FLORIDA BUILDING  
 CODE 5th EDITION RESIDENTIAL (2014) PER ASCE 7-10

1. NOMINAL WIND SPEED - 100MPH ULTIMATE WIND SPEED - 140MPH
2. RISK FACTOR II
3. WIND EXPOSURE - CATEGORY (D)
4. INTERNAL PRESSURE COEFFICIENT - (ASCE 7-10)
5. OPEN BUILDINGS - 0.00
6. HEIGHT AND EXPOSURE ADJUSTMENT COEF. - (+1.0)
7. COMPONENTS AND CLADDING - PER FBCR 5th EDITION 2014

**K S D S**  
 KLP DESIGN SERVICES  
 12301 W. BOCA BLVD. SUITE 300  
 BOCA RATON, FL 33433  
 Phone: (407) 947-7549  
 Email: klp@kpsds.com

Specialty Marine  
 BOAT DOCKS  
 1000 GENIUS DR  
 WINTER PARK, FL

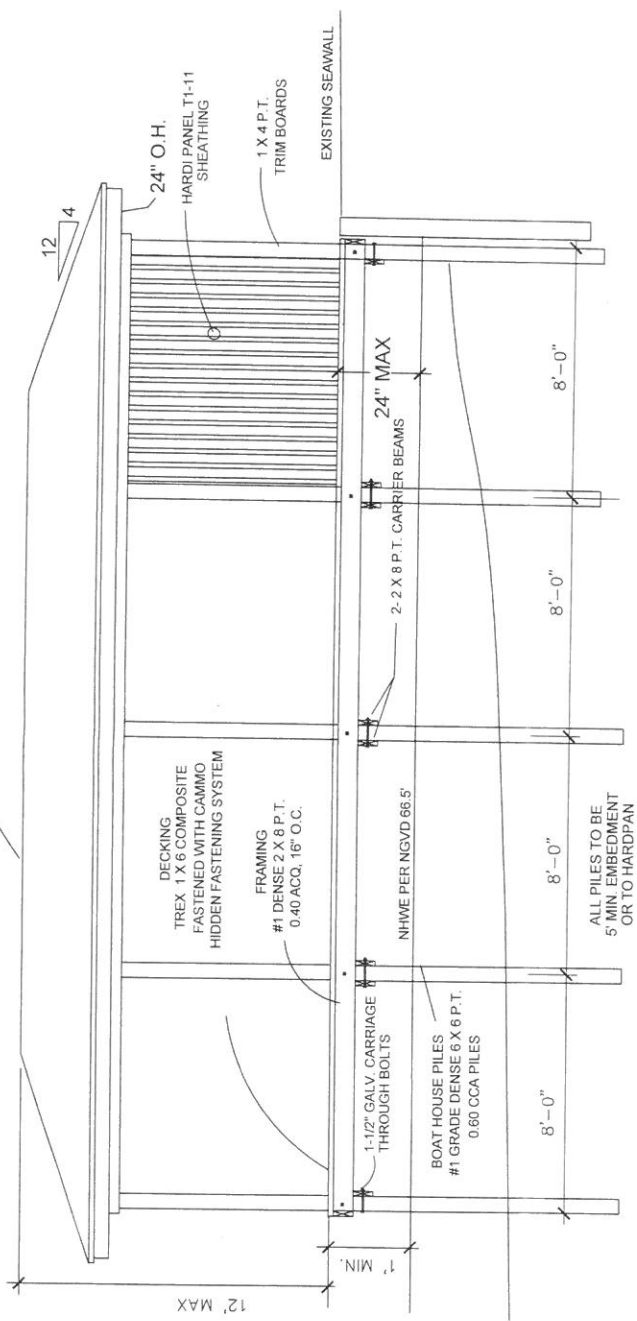
**CEG**  
 Civil Engineering Group Inc.

Job No.	By	Date
PRB80	TRP	09/02/17
REVISIONS		

ELEVATION PLAN  
 "LAKE VIRGINIA"

A8

TILE ROOF BY OTHERS  
 ON WATER PROOF UNDER LAMENT  
 ON 5/8" T1-11 PLYWOOD



**"LAKE VIRGINIA"  
 SIDE ELEVATION**

CEG COA#27213  
 EDUARDO AVELLANEDA, P.E.  
 REGISTRATION #40040  
 2480 E. MICHIGAN STREET  
 ORLANDO, FL 32806

SEP 13 2017  
 ELEVATION PLAN  
 "LAKE VIRGINIA"

DESIGN REQUIREMENTS:  
 A. FLOORS LIVE LOAD IS 40 PSF; BALCONIES, PORCHES, STAIRS, LIVE LOAD IS 60 PSF.  
 B. ROOF LIVE LOAD IS 30 PSF

NOTE: THIS STRUCTURE HAS BEEN DESIGNED TO MEET OR EXCEED REQUIREMENTS OF THE FLORIDA BUILDING CODE 5th EDITION RESIDENTIAL (2014) PER ASCE 7-10

1. NOMINAL WIND SPEED - 100MPH/ ULTIMATE WIND SPEED - 140MPH
2. RISK FACTOR II
3. WIND EXPOSURE - CATEGORY (D)
4. INTERNAL PRESSURE COEFFICIENT - (ASCE 7-10) OPEN BUILDINGS= 0.00
5. HEIGHT AND EXPOSURE ADJUSTMENT COEF. - (1-10)
6. COMPONENTS AND CLADDING - PER FBCL 5th EDITION 2014



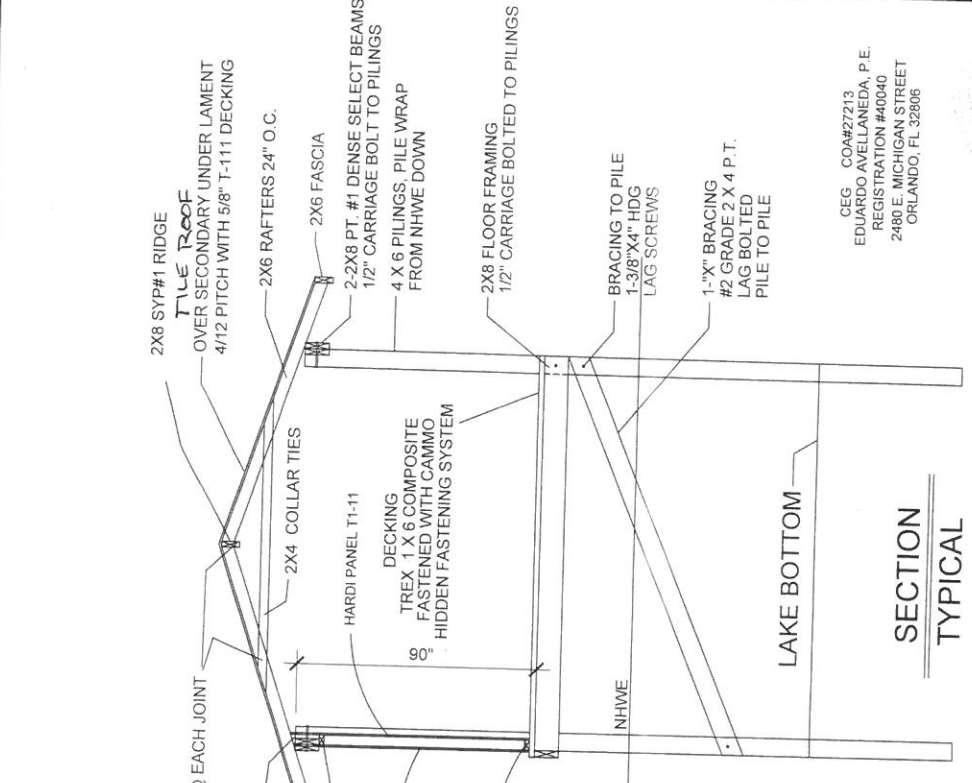
Specialty Marine  
 BOAT DOCKS  
 1000 GENIUS DR.  
 WINTER PARK, FL



REVISIONS	
Job No.	Passbook
Drawn By	Checked By
Date:	09/02/17
Scale:	N.T.S.

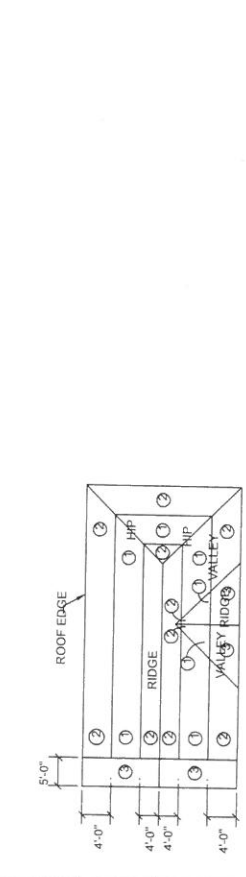
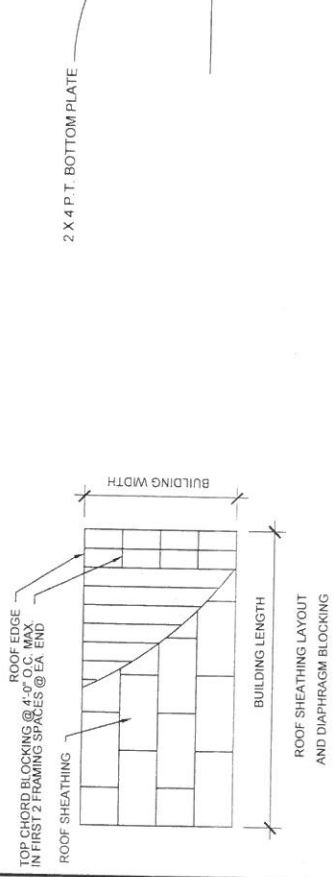
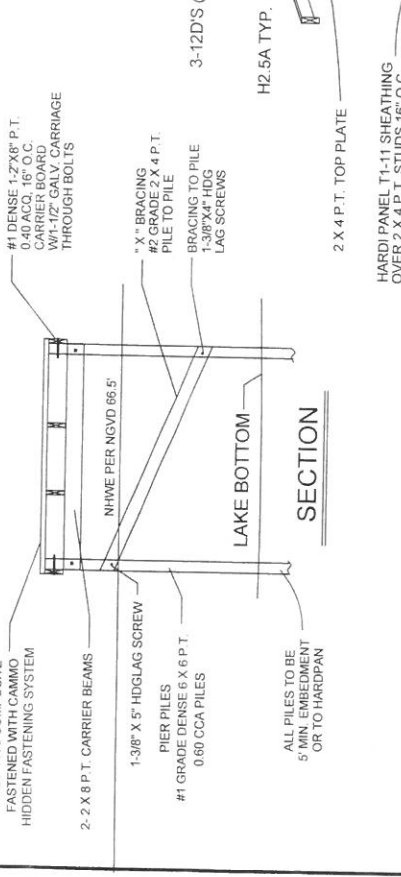
SECTIONS  
 & DETAILS

A9



NOTE: THIS STRUCTURE HAS BEEN DESIGNED TO MEET  
 ALL APPLICABLE REQUIREMENTS OF THE FLORIDA BUILDING  
 CODE SECTION RESIDENTIAL (2014) PER ASCE 7-10  
 1. NOMINAL WIND SPEED - 100MPH ULTIMATE WIND SPEED - 140MPH  
 2. RISK FACTOR - 1  
 3. WIND EXPOSURE - CATEGORY (D)  
 4. INTERNAL PRESSURE COEFFICIENT - (ASCE 7-10)  
 HEIGHT AND EXPOSURE ADJUSTMENT COEF. - (-1.0)  
 5. COMPONENTS AND CLADDING - PER FBCE 5th EDITION 2014

DESIGN REQUIREMENTS:  
 A. FLOORS, LIVE LOAD IS 40 PSF BALCONIES,  
 DECKS, STAIRS, LIVE LOAD IS 60 PSF.  
 B. ROOF LIVE LOAD IS 30 PSF



NOTE: THIS STRUCTURE HAS BEEN DESIGNED TO MEET  
 ALL APPLICABLE REQUIREMENTS OF THE FLORIDA BUILDING  
 CODE SECTION RESIDENTIAL (2014) PER ASCE 7-10  
 1. NOMINAL WIND SPEED - 100MPH ULTIMATE WIND SPEED - 140MPH  
 2. RISK FACTOR - 1  
 3. WIND EXPOSURE - CATEGORY (D)  
 4. INTERNAL PRESSURE COEFFICIENT - (ASCE 7-10)  
 HEIGHT AND EXPOSURE ADJUSTMENT COEF. - (-1.0)  
 5. COMPONENTS AND CLADDING - PER FBCE 5th EDITION 2014

SECTION  
 TYPICAL

SEP 13 2017

CEG  
 EDUARDO AVELLANEDA, P.E.  
 REGISTRATION #40040  
 2480 E. MICHIGAN STREET  
 ORLANDO, FL 32806