



Interoffice Memorandum

Received August 2, 2021 @ 12:54 p.m.


Publish: August 29, 2021

Deadline: August 24, 2021

August 2, 2021

To: Katie Smith, Manager
Comptroller Clerk's Office

Through: Cheryl Gillespie, Agenda Development Supervisor
Agenda Development

From: David D. Jones, P.E., CEP, Manager
Environmental Protection Division
(407) 836-1406 

Staff Person: **Elizabeth R. Johnson, CEP, Assistant Manager
Environmental Protection Division
(407) 836-1511**

Subject: Request for Public Hearing on September 14, 2021, at 2:00 p.m., for a Shoreline Alteration/Dredge and Fill Permit Application (SADF-21-03-006) for the construction of a new seawall along the shoreline of the property located at 6000 Lady Bet Drive (Parcel ID No. 28-23-28-7202-00-010) on Lake Tibet-Butler, District 1

=====

Applicants: James and Marci Zweifel

Type of Hearing: Shoreline Alteration/Dredge and Fill Permit Application

Hearing required by
Florida Statute # or Code: Chapter 33, Article IV, Windermere Water and Navigational Control District

Advertising requirements: Publish once in a newspaper of general circulation in Orange County at least (7) seven days prior to public hearing.

Advertising timeframes: At least (7) seven days prior to public hearing.

Abutters to be notified: The applicants and the property owners within 500 feet of the project area will be notified at least (7) seven days prior to public hearing by the Environmental Protection Division (EPD).

Estimated time required
For public hearing: 2 minutes

August 2, 2021

Request for Public Hearing – Shoreline Alteration/Dredge and Fill Permit Application for James and Marci Zweifel (SADF-21-03-006)

Lake Advisory Board
to be notified:

Windermere Water & Navigational Control District
Ijaz Ahmed (Chairman) – ijazahmed736@gmail.com

Municipality or other
Public Agency to be
notified:

Florida Department of Environmental Protection–
DEP_CD@dep.state.fl.us

Hearing Controversial: No

District #: 1

Materials being submitted as backup for public hearing request:

1. Site Plan
2. Location Map

Special Instructions to Clerk:

1. Once the Board of County Commissioners makes a decision on the Shoreline Alteration/Dredge and Fill Permit Application, please submit the decision letter to Liz Johnson with EPD. EPD will issue the decision to the applicant.

Advertising Language:

1. Applicants, James and Marci Zweifel, are requesting a Shoreline Alteration/Dredge and Fill Permit (SADF-21-03-006) to construct a new seawall along the shoreline of the property located at 6000 Lady Bet Drive, Orlando on Lake Tibet-Butler, pursuant to Chapter 33, Article IV, Windermere Water and Navigational Control District. Parcel ID No. 28-23-28-7202-00-010, District 1 (property legal description on file at EPD).

RB/NT/TMH/ERJ/DJ: jk

Attachments

Shoreline Alteration/Dredge and Fill Permit Request



Shoreline Alteration/Dredge and Fill Permit Request

SADF-21-03-060

District #1

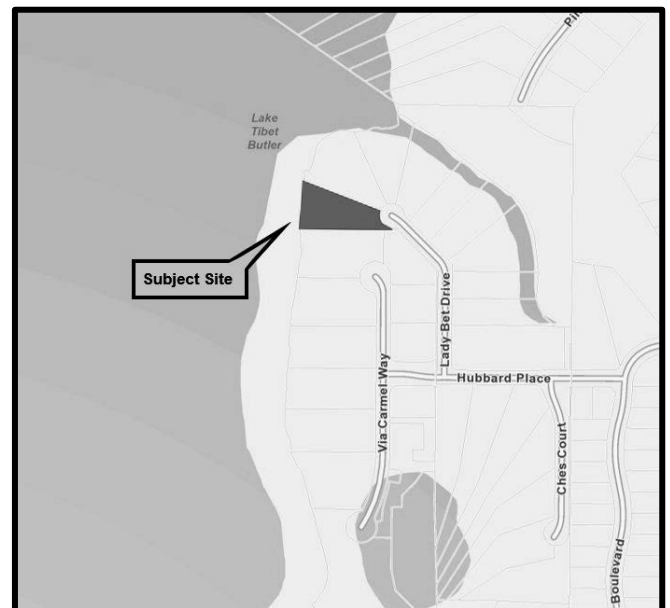
Applicants: James and Marci Zweifel

Address: 6000 Lady Bet Drive

Parcel ID No.: 28-23-28-7202-00-010

Project Site 

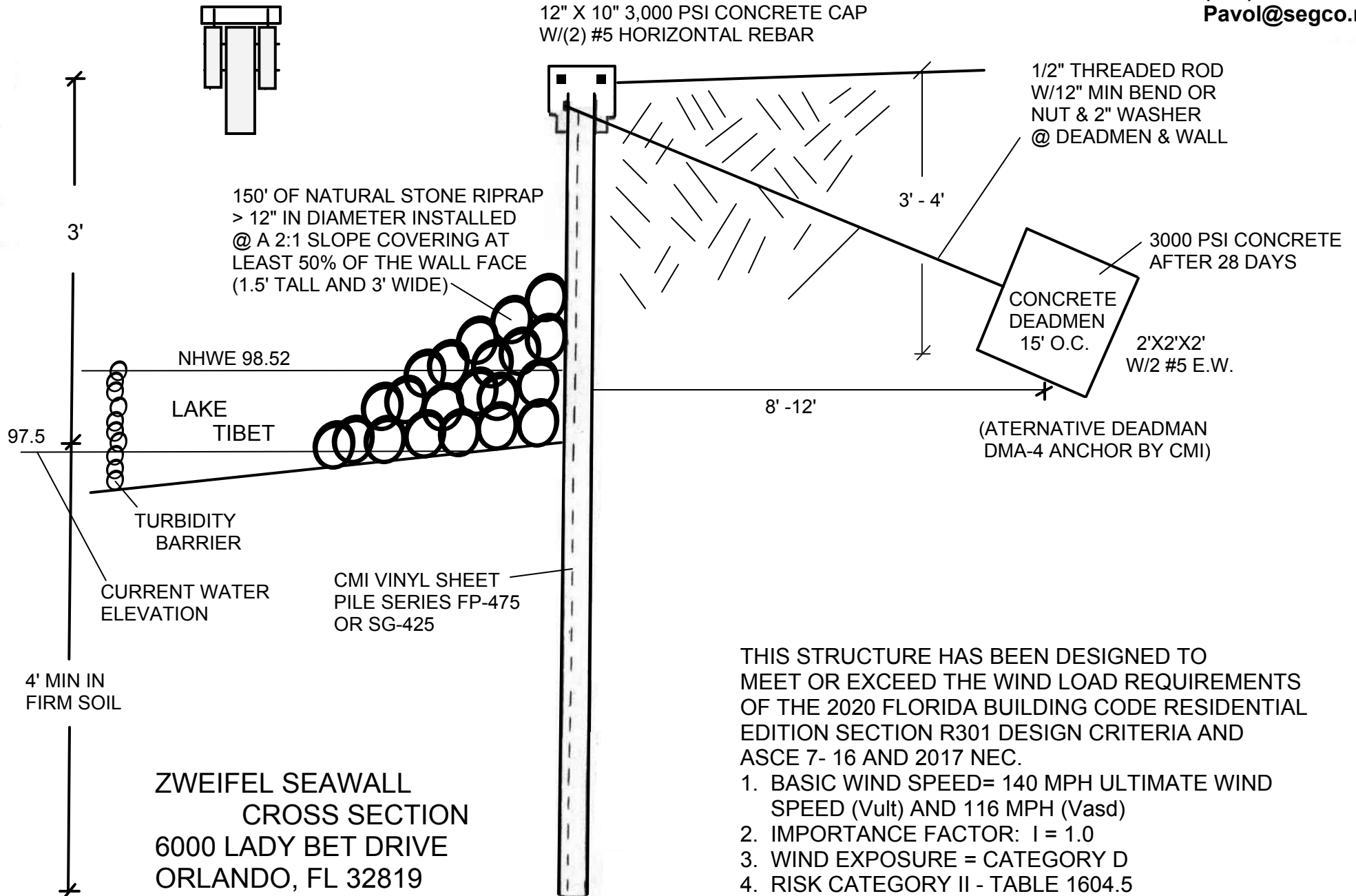
Property Location 



150' VINYL SEAWALL INSTALLED @ THE OHWE

Pavol Stankay
PE # 29059
2227 Mercator Drive
Orlando, FL 32807
(407) 701-2145
Pavol@segco.net

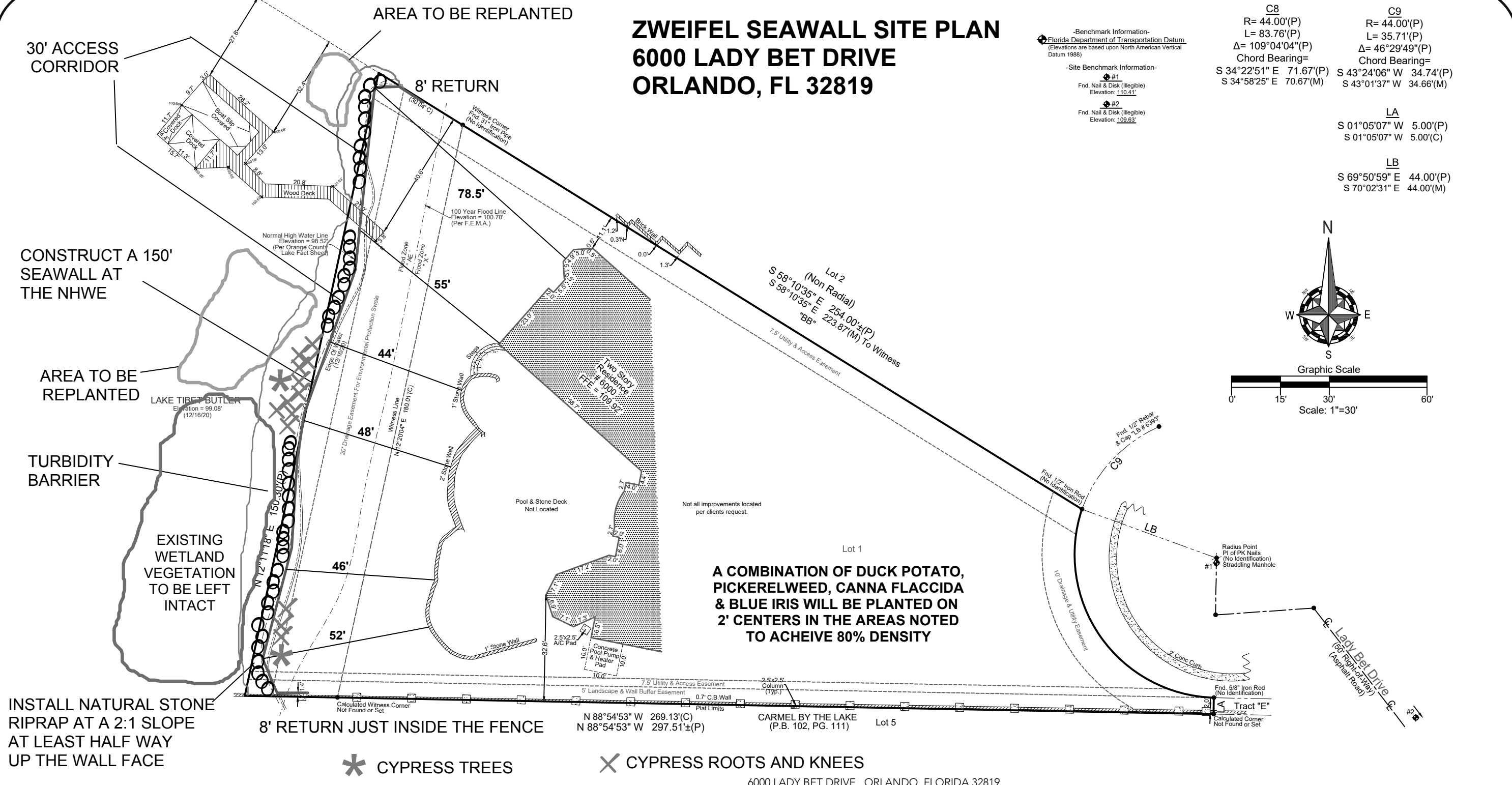
ALTERNATIVE CAP DETAIL
2X8 P.T. SIDE BRACING
W/ (1) 1/2" THRU BOLTS 2' O.C. &
1X6 CAP W/ (2) 2" SCREWS 1' O.C.



THIS STRUCTURE HAS BEEN DESIGNED TO
MEET OR EXCEED THE WIND LOAD REQUIREMENTS
OF THE 2020 FLORIDA BUILDING CODE RESIDENTIAL
EDITION SECTION R301 DESIGN CRITERIA AND
ASCE 7- 16 AND 2017 NEC.

1. BASIC WIND SPEED= 140 MPH ULTIMATE WIND
SPEED (V_{ult}) AND 116 MPH (V_{asd})
2. IMPORTANCE FACTOR: $I = 1.0$
3. WIND EXPOSURE = CATEGORY D
4. RISK CATEGORY II - TABLE 1604.5

ZWEIFEL SEAWALL SITE PLAN
6000 LADY BET DRIVE
ORLANDO, FL 32819



Legal Description:

LOT 1, POINTE TIBET REPLAT, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 29, PAGE 147 THROUGH 149, OF THE PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA.

Flood Information:

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

CERTIFIED TO:
JAMES ZWEIFEL



Field Date: 12/17/2020	Date Completed: 12/21/2020
Drawn By: G.S.	File Number: JS-81684
Legend-	
C - Calculated	PC - Point of Curvature
CL - Centerline	Pg - Page
CB - Concrete Block	PI - Point of Intersection
CM - Concrete Monument	P.O.B. - Point of Beginning
Conc. - Concrete	P.O.L. - Point on Line
D - Description	PP - Power Pole
DE - Drainage Easement	PRM - Permanent Reference Monument
Esmt. - Easement	PT - Point of Tangency
F.E.M.A. - Federal Emergency Management Agency	R - Radius
FFE - Finished Floor Elevation	Rad. - Radial
Fnd. - Found	R&C - Rebar & Cap
IP - Iron Pipe	Rec. - Recovered
L - Length (Arc)	Rfd. - Roofed
M - Measured	Set. - Set 1/2" Rebar & Cap "LB 7623"
N&D - Nail & Disk	Typ. - Typical
N.R. - Non-Radial	UE - Utility Easement
ORB - Official Records Book	WM - Water Meter
P - Plat	Δ - Delta (Central Angle)
P.B. - Plat Book	-O- - Chain Link Fence
- - Wood Fence	

NOTES-
>Survey is Based upon the Legal Description Supplied by Client.
>Abutting Properties Deeds have NOT been Researched for Gaps, Overlaps and/or Hiatus.
>Subject to any Easements and/or Restrictions of Record.
>Bearing basis shown hereon, is Assumed and Based upon the Line Denoted with a "BB".
>Building Ties are NOT to be used to reconstruct Property Lines.
>Fence Ownership is NOT determined.
>Roof Overhangs, Underground Utilities and/or Footers have NOT been located UNLESS otherwise noted.
>Septic Tanks and/or Drainfield 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 Construed to give ANY Rights or Benefits to Anyone Other than those Certified.

POINTS OF INTEREST-
NONE VISIBLE

I hereby Certify that this Boundary Survey of the above Described Property is True and Correct to the Best of my Knowledge and Belief as recently Surveyed under my Direction on the Date Shown, Based on Information furnished to Me as Noted and Conforms to the Standard of Practice for Land Surveying in the State of Florida in accordance with Chapter 5J-17.052 Florida Administrative Codes, Pursuant to Section 472.027 Florida Statutes.

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

Ireland & Associates Surveying, Inc.
800 Currency Circle | Suite 1020
Lake Mary, Florida 32746
www.irelandsurveying.com
Office-407.678.3366 Fax-407.320.8165



July 8, 2021

**Orange County Environmental Protection Division
3165 McCrory Place, Suite 200
Orlando, FL 32803**

**Re: Zweifel Residence – Proposed Seawall at the NHWE
6000 Lady Bet Drive
Orlando, FL 32819
Orange County**

Permit Number: SADF-21-03-006

Dear Environmental Specialist:

Please accept this letter as a “written justification” to construct a new vertical seawall along the NHWE of the above referenced property, as requested by Orange County EPD.

It is my professional opinion that the construction of a vertical seawall along the Normal High Water Elevation is a only practical method to stabilize and prevent further erosion of the shoreline.

If there are any questions, please contact our office at the phone number listed below.

Sincerely,

Pavol Stankay, FL. P.E. #29059

cc: File