



Interoffice Memorandum

Received: September 4, 2020 @1:50pm
Publish: September 27
Deadline: September 22

September 3, 2020

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 October 13, 2020, at 2:00 p.m., for a Shoreline Alteration/Dredge and Fill Permit Application (SADF-20-08-018) for the construction of a replacement seawall with riprap along the shoreline of Lake Tibet at 9210 Bay Point Drive, Orlando, FL 32819, Parcel ID No. 28-23-28-0600-00-290, District 1

Applicants: James and Kathy Zimmerman
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).
Lake Advisory Board to be notified: Windermere Water & Navigational Control District
Ijaz Ahmed (Chairman) - ijazahmed736@gmail.com

September 3, 2020

Request for Public Hearing – Shoreline Alteration/Dredge and Fill Permit Application James and Kathy Zimmerman (SADF-20-08-018)

Page 2

Estimated time required
For public hearing: 2 minutes

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 Michelle Gonzalez with EPD. EPD will issue the decision to the applicant.

Advertising Language:

1. Applicants, James and Kathy Zimmerman, are requesting a Shoreline Alteration/Dredge and Fill Permit (SADF-20-08-018) to construct a replacement seawall with riprap along the shoreline of Lake Tibet pursuant to Chapter 33, Article IV, Windermere Water and Navigational Control District; 9210 Bay Point Drive on Lake Tibet, Parcel ID No. 28-23-28-0600-00-290, District 1 (property legal description on file at EPD).

NT/TMH/ERJ/DJ/gfdjr: mg



Attachments

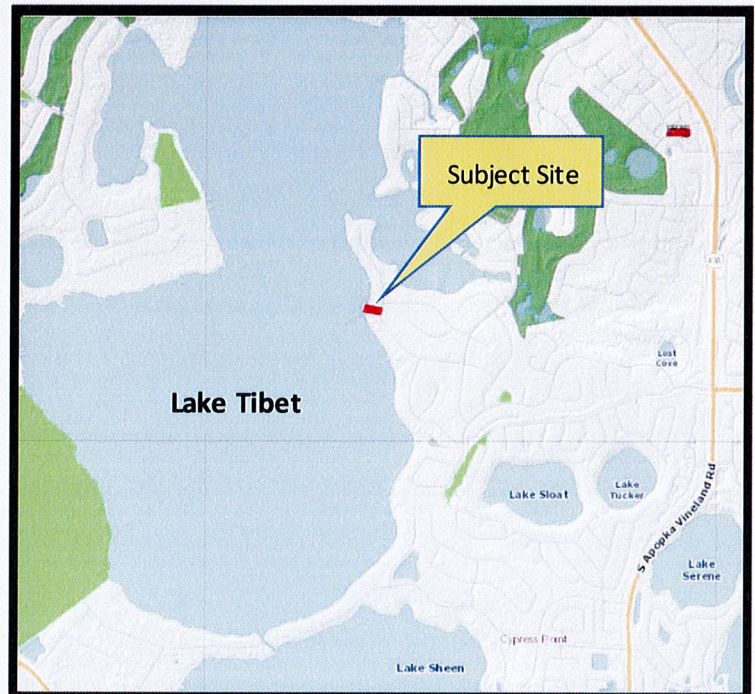
Shoreline Alteration/Dredge and Fill Permit Request



**Shoreline Alteration/Dredge
and Fill Permit Request
SADF-20-08-018
District #1**

Applicants: James and Kathy
Zimmerman
Address: 9210 Bay Point Drive
Parcel ID: 28-23-28-0600-00-290

Project Site 
Property Location 



received
8/28/2020

ZIMMERMAN SEAWALL SITE PLAN
9210 BAY POINT DRIVE
ORLANDO, FL 32803

INSTALL 100' VINYL SEAWALL DIRECTLY IN FRONT OF THE EXISTING SEAWALL WITH (1) 40' RETURN & (1) 160' RETURN

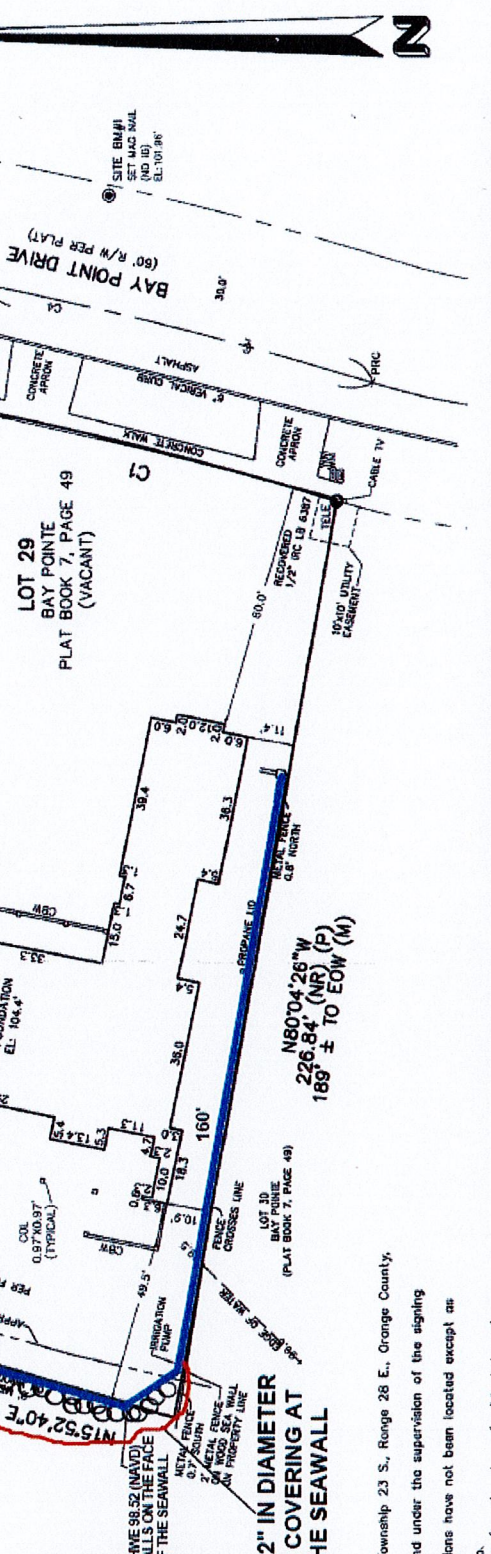
DESCRIPTION:
LOT 29, BAY POINT, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 7, PAGE 49, OF THE PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA.

LEGEND:
BM BENCHMARK
CB CONCRETE BLOCK
CBW CONCRETE BLOCK WALL
COL COLUMN
EOW EDGE OF WATER
EL ELEVATION
ID IDENTIFICATION
IRC IRON ROD & CAP
LB LICENSED BUSINESS
LP LIGHT POLE
M MEASURED
N&D NORTH & DISK
NR NON RADIAL
PLAT PLAT
PFC POINT OF REVERSE CURVATURE
RAD RADIAL
TELE TELEPHONE RISER
WM WATER METER
C CENTERLINE
L LIGHT POLE
MB MAIL BOX

SEAL AS TO SITE PLAN ONLY

NO. 28000
STATE OF FLORIDA
SURVEYORS AND MAPPERS

Pavol Stankay
c=US, o=Unaffiliated,
ou=A01410C00000170C12
28EDE0008FDB, cn=Pavol
Stankay
2020.08.27 16:59:03 -04'00'



CURVE DATA

CURVE	RADIUS	DELTA	LENGTH
C1 (P)	970.00'	53°36'57"	95.00'
C2 (M)	970.00'	53°36'41"	95.08'
C2 (M)	970.00'	13°35'08"	230.00'
C2 (M)	970.00'	13°35'04"	229.98'
C3 (P)	1000.0'	10°35'00"	184.71'
C4 (C)	1000.0'	53°36'41"	97.94'
C5 (C)	1000.0'	4°58'19"	86.78'

NATURAL STONE RIPRAP > 12" IN DIAMETER INSTALLED @ A 2:1 SLOPE & COVERING AT LEAST HALF THE FACE OF THE SEAWALL

SURVEYOR'S NOTES:

- The lands as shown herein lie within Section 28, Township 23 S., Range 28 E., Orange County, Florida.
- This survey represents a survey made on the ground under the supervision of the signing surveyor, unless otherwise noted.
- Underground improvements or underground foundations have not been located except as noted.
- All easements of which the surveyor has knowledge of, or has been furnished, have been noted on this map.
- No title data has been provided to this surveyor unless otherwise noted.
- Bearings shown herein are assumed relative to the South line of Lot 27; bearing N85°56'48"W per plat.
- According to the Federal Insurance Rate Map, this property lies in Zone "AE" and "X". Community Parcel number 1208503385 F, Dated: 9/25/2008, Base Flood Elevation = 100.7
- Elevations shown herein are based on Orange County benchmark UB-6, having an elevation of 107.31 feet relative to NAVD 88.

REVISIONS

Rev.	REMOVED APPROXIMATE	Date:
Rev. FOUNDATION <td></td> <td>2/12/20</td>		2/12/20
Rev. BUILDING STAKE OUT <td></td> <td>9/16/19</td>		9/16/19
Rev. 100 YEAR FLOOD LINE <td></td> <td>8/13/19</td>		8/13/19
		Date: 06/27/19

HLSM, LLC
Henrich-Lute-Swagerty-Menard
Professional Surveyors & Mappers
Licensed Business No. 7276
302 Live Oaks Boulevard
Casselberry, Florida 32707
P. (407) 847-7546
Survey@HLSM.US F. (407) 842-7166

Job No: J-606
Field Date: 8-10-18
Drawn By: RM
Field By: WKF/GR
Scale: 1"=30'

THIS SURVEY MAP AND REPORT OR THE COPIES THEREOF ARE NOT VALID WITHOUT THE SIGNATURE AND SEAL OF THE SURVEYOR OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

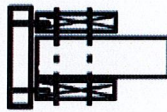
William F. Menard
Professional Surveyor & Mapper
Florida Registration #5625

received
8/17/2020

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

100' VINYL SEAWALL WIRETURNS @ EA END

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.



12" X 10" 3,000 PSI CONCRETE CAP
W/ (2) #5 HORIZONTAL REBAR

1/2" THREADED ROD
W/ 12" MIN BEND OR
NUT & 2" WASHER
@ DEADMEN & WALL

NATURAL STONE RIPRAP
> 12" IN DIAMETER INSTALLED
@ A 2:1 SLOPE COVERING AT
LEAST 50% OF THE WALL FACE

3000 PSI CONCRETE
AFTER 28 DAYS

NHWE 98.52 (NAVD)

LAKE
TIBET
BUTLER

TURBIDITY
BARRIER

CMI VINYL SHEET
PILE SERIES FP-475
OR SG-425

4' MIN IN
FIRM SOIL

ZIMMERMAN SEAWALL
CROSS SECTION
9210 BAY POINT DRIVE
ORLANDO, FL 32803

3' - 4'

8' - 12'

CONCRETE
DEADMEN
15' O.C.

2'X2'X2'
W/2 #5 E.W.

(ALTERNATIVE DEADMAN
DMA-4 ANCHOR BY CMI)



Pavol Stankay
c=US, o=Unaffiliated,
ou=A01410C00000170C12
28EDE00008FDB, cn=Pavol
Stankay
2020.08.17 12:51:26 -04'00'

EXISTING WOOD SEAWALL
TO REMAIN - ONLY THE
CAP WILL BE REMOVED

THIS STRUCTURE HAS BEEN DESIGNED TO MEET OR EXCEED THE WIND LOAD REQUIREMENTS OF THE 2017 FLORIDA BUILDING CODE RESIDENTIAL EDITION SECTION R301 DESIGN CRITERIA AND ASCE 7- 10 AND 2014 NEC.

1. BASIC WIND SPEED= 140 MPH ULTIMATE WIND SPEED (Vult) AND 116 MPH (Vasd)
2. CONSTRUCTION TYPE = SINGLE FAMILY RESIDENCE
3. WIND EXPOSURE = CATEGORY D
4. RISK CATEGORY II - TABLE 1604.5