

Received: February 4, 2022

Publish: March 6, 2022

Deadline: March 1, 2022



Interoffice Memorandum

February 3, 2022

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

A handwritten signature in blue ink, appearing to be "DDJ", located to the right of the "From:" field.

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

Subject: Request for Public Hearing on March 22, 2022, at 2:00 p.m., for a Shoreline Alteration/Dredge and Fill Permit Application (SADF-21-10-024) to authorize the construction of a new, replacement seawall with riprap and plantings along the shoreline of the property located at 9100 Bay Point Drive, Orlando, FL, 32819 (Parcel ID No. 28-23-28-0600-00-150) on Lake Tibet-Butler, District 1.

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Applicant: Suzanne Magee

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 applicant 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

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: South Florida Water Management District, Lisa Prather,
lprather@sfwmd.gov

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. Applicant, Suzanne Magee, is requesting a Shoreline Alteration/Dredge and Fill Permit (SADF-21-10-024) to authorize the construction of a new, replacement vinyl seawall with riprap and plantings along the shoreline at 9100 Bay Point Drive, Orlando, on Lake Tibet-Butler, pursuant to Chapter 33, Article IV, Windermere Water and Navigational Control District. Parcel ID No. 28-23-28-0600-00-150, District 1 (property legal description on file at EPD).

RB/NT/TMH/ERJ/DJ: jk


Attachments


Shoreline Alteration/Dredge and Fill Permit Request

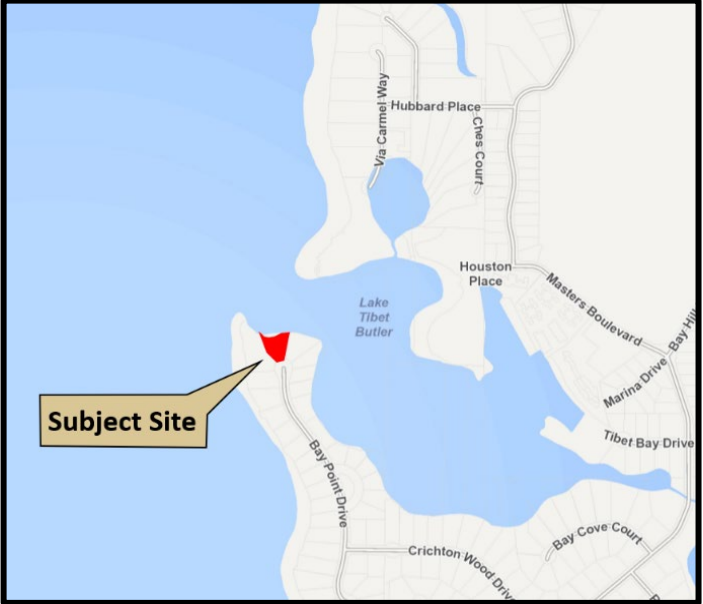


Shoreline Alteration/Dredge and Fill Permit Request
SADF-21-10-024
District #1

Applicants: Suzanne Magee
Address: 9100 Bay Point Drive
Parcel ID No.: 28-23-28-0600-00-150

Project Site 

Property Location 



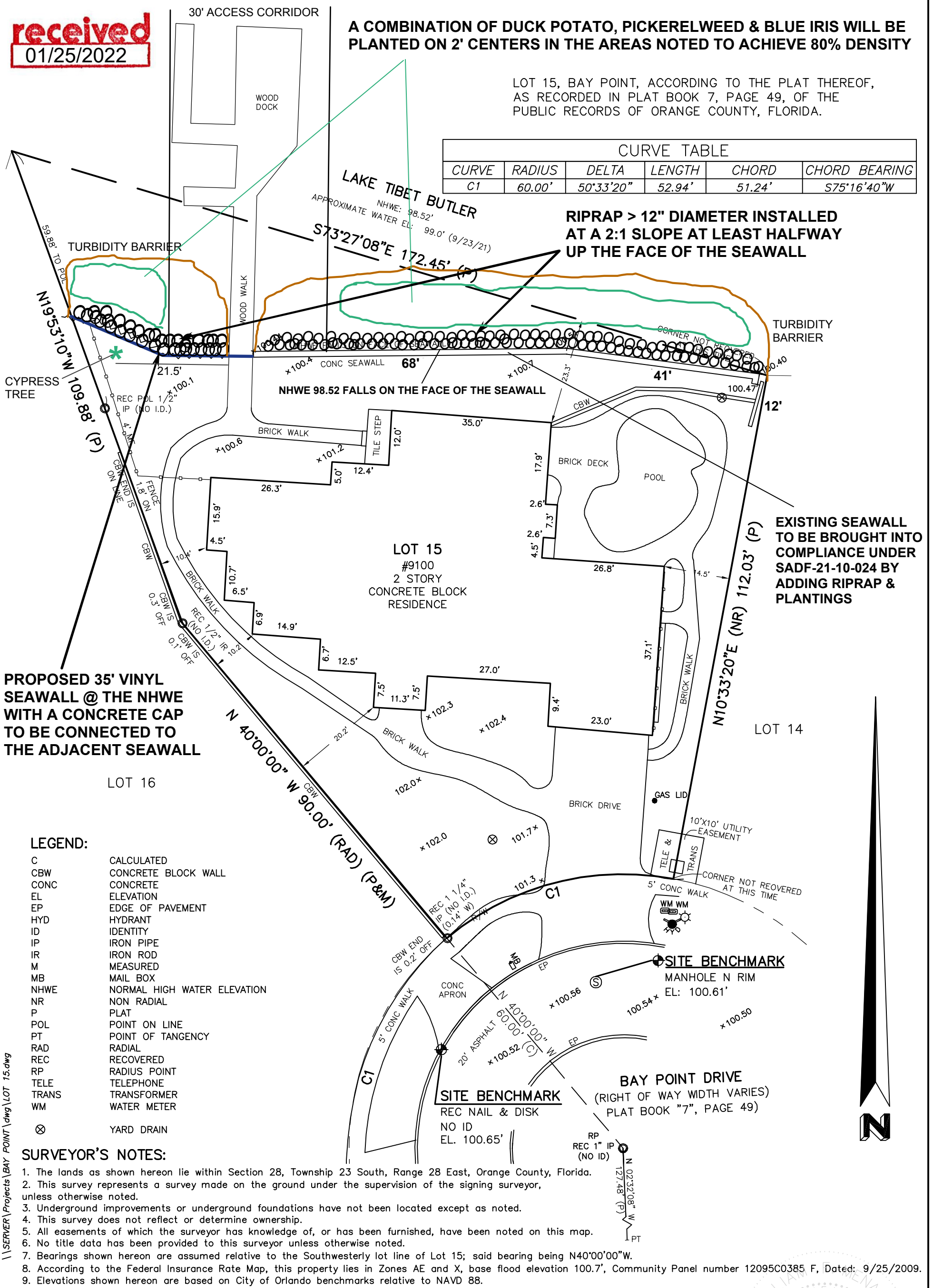
MAGEE SEAWALL SITE PLAN 9100 BAY POINT DRIVE, ORLANDO

received
01/25/2022

A COMBINATION OF DUCK POTATO, PICKERELWEED & BLUE IRIS WILL BE PLANTED ON 2' CENTERS IN THE AREAS NOTED TO ACHIEVE 80% DENSITY

LOT 15, BAY POINT, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 7, PAGE 49, OF THE PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA.

CURVE TABLE					
CURVE	RADIUS	DELTA	LENGTH	CHORD	CHORD BEARING
C1	60.00'	50°33'20"	52.94'	51.24'	S75°16'40"W



PROPOSED 35' VINYL SEAWALL @ THE NHWE WITH A CONCRETE CAP TO BE CONNECTED TO THE ADJACENT SEAWALL

RIPRAP > 12" DIAMETER INSTALLED AT A 2:1 SLOPE AT LEAST HALFWAY UP THE FACE OF THE SEAWALL

EXISTING SEAWALL TO BE BROUGHT INTO COMPLIANCE UNDER SADF-21-10-024 BY ADDING RIPRAP & PLANTINGS

LEGEND:

- C CALCULATED
- CBW CONCRETE BLOCK WALL
- CONC CONCRETE
- EL ELEVATION
- EP EDGE OF PAVEMENT
- HYD HYDRANT
- ID IDENTITY
- IP IRON PIPE
- IR IRON ROD
- M MEASURED
- MB MAIL BOX
- NHWE NORMAL HIGH WATER ELEVATION
- NR NON RADIAL
- P PLAT
- POL POINT ON LINE
- PT POINT OF TANGENCY
- RAD RADIAL
- REC RECOVERED
- RP RADIUS POINT
- TELE TELEPHONE
- TRANS TRANSFORMER
- WM WATER METER
- ⊗ YARD DRAIN

SURVEYOR'S NOTES:

- The lands as shown hereon lie within Section 28, Township 23 South, Range 28 East, 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.
- This survey does not reflect or determine ownership.
- 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 hereon are assumed relative to the Southwesterly lot line of Lot 15; said bearing being N40°00'00"W.
- According to the Federal Insurance Rate Map, this property lies in Zones AE and X, base flood elevation 100.7', Community Panel number 12095C0385 F, Dated: 9/25/2009.
- Elevations shown hereon are based on City of Orlando benchmarks relative to NAVD 88.

REVISIONS

Rev.	Date:

HLSM, LLC
 Henrich-Luke-Swaggerty-Menard
 Professional Surveyors & Mappers
 Licensed Business No. 7276
 302 Live Oaks Boulevard
 Casselberry, Florida 32707
 P. (407) 647-7346
 Survey@HLSM.US

Job No:	L-529
Field Date:	9/23/21
Drawn By:	SEH
Field By:	DL/LL
Scale:	1"=20'

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

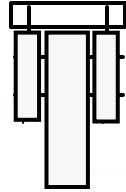
XXXXXXXXXX

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

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

35' VINYL SEAWALL INSTALLED @ THE NHWE

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.



16" X 12" 3,000 PSI CONCRETE CAP
 W/(4) #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

3' - 4'

3000 PSI CONCRETE
 AFTER 28 DAYS

CONCRETE
 DEADMEN
 15' O.C.

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

NHWE 98.52 (NAVD)

LAKE
 TIBET
 BUTLER

8' - 12'

(ALTERNATIVE DEADMAN
 DMA-4 ANCHOR BY CMI)

TURBIDITY
 BARRIER

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

received
11/25/2021

4' MIN IN
 FIRM SOIL

MAGEE SEAWALL
 CROSS SECTION
 9100 BAY POINT DRIVE
 ORLANDO, FL 32819

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



