

Board of County Commissioners

**Shoreline Alteration/Dredge and
Fill Permit Application**

SADF-19-03-003

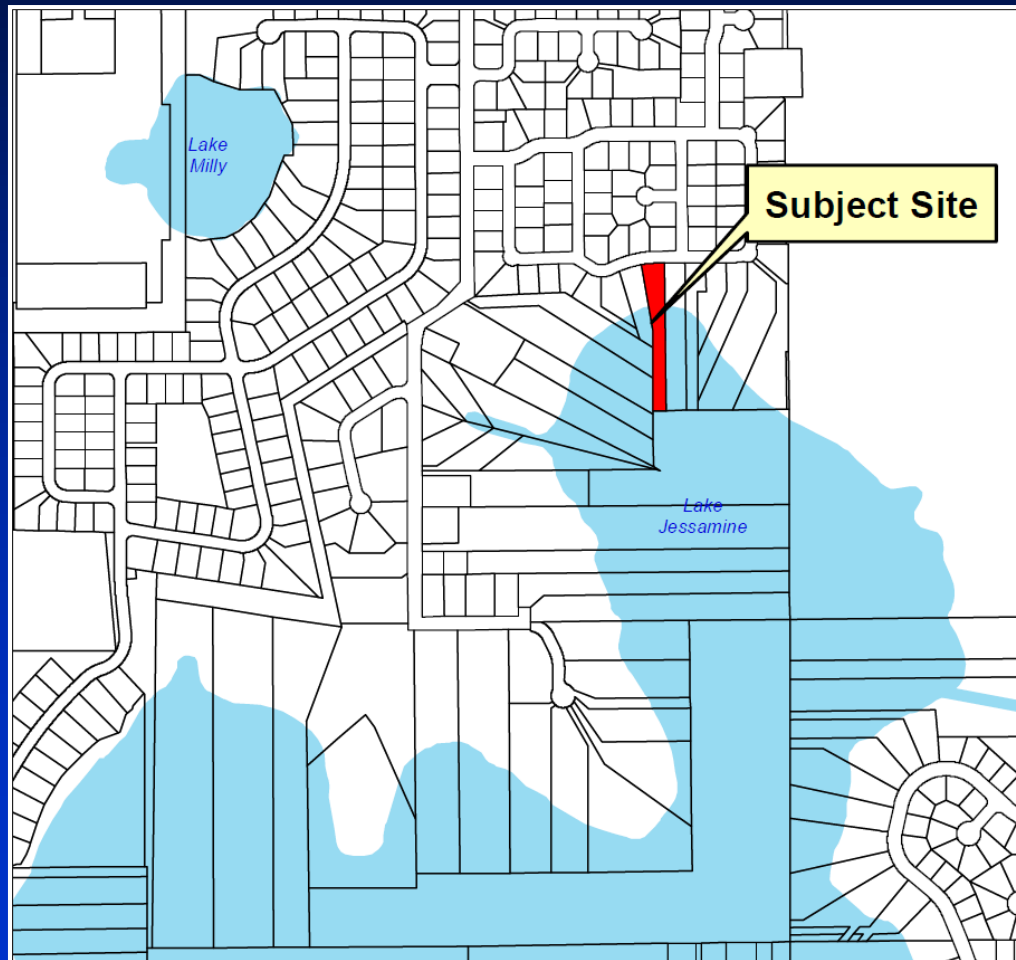
Applicants: Donald & Marion Dawson

August 20, 2019



Location Map

616 Viscaya Avenue, Edgewood



PARCEL ID No.: 14-23-29-3963-00-610



Aerial

616 Viscaya Avenue, Edgewood

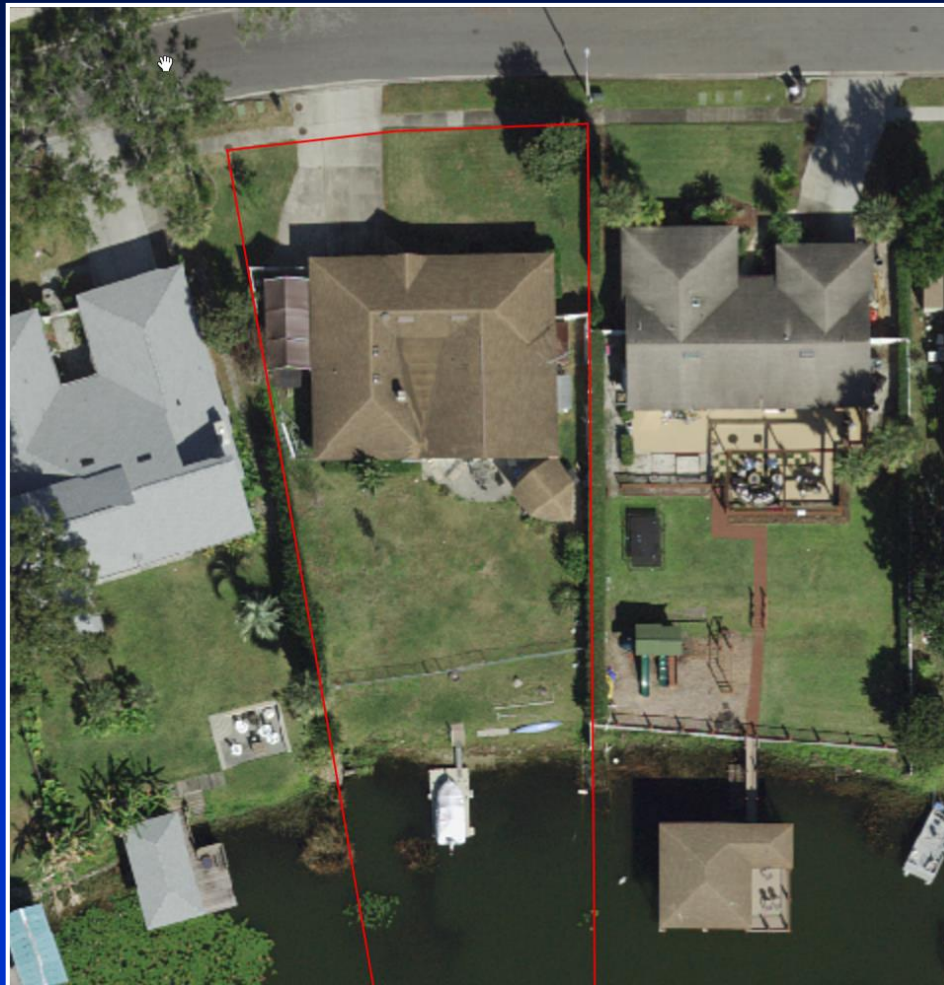


PARCEL ID No.: 14-23-29-3963-00-610



Aerial

616 Viscaya Avenue, Edgewood



PARCEL ID No.: 14-23-29-3963-00-610



Existing Conditions



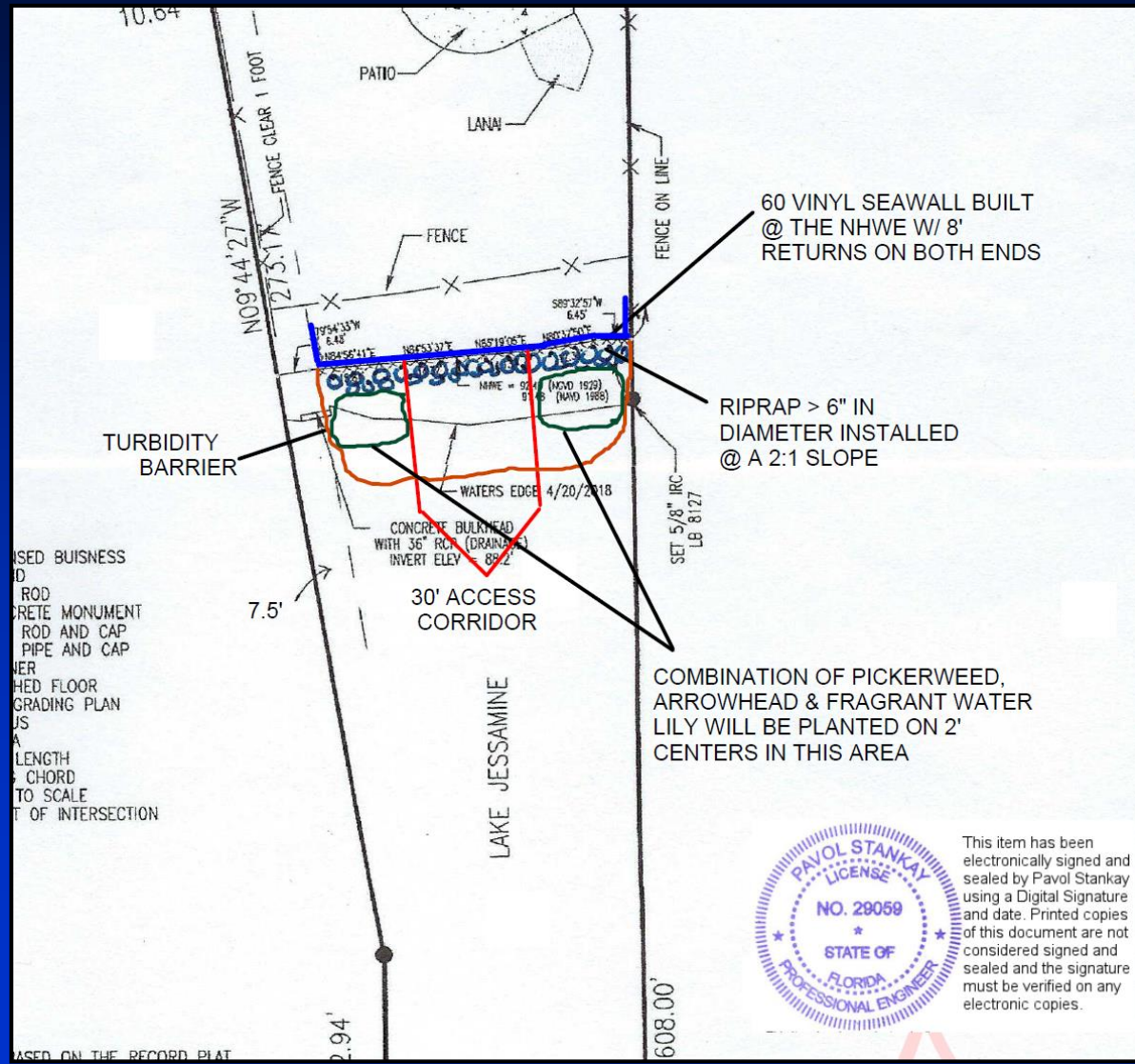


Existing Conditions





Site Plan



This item has been electronically signed and sealed by Pavol Stankay using a Digital Signature and date. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.



Site Plan

Pavol Stankay, PE
29059
2227 Mercator Drive
Orlando, FL 32807
(407) 701-2145

12" X 16" 3000 PSI CONCRETE CAP
W/(2) #5 HORIZONTAL REBAR

RIPRAP > 6" IN DIAMETER
INSTALLED @ A 2:1 SLOPE
(1' HIGH BY 2' DEEP BY 60')

NUT & 2" WASHER OR
12" MIN BEND @ EA. END

(ALTERNATIVE DEADMAN
DMA-4 ANCHOR BY CMI)

3'

NHWE 91.48 (CURRENT ELEV.)

LAKE
JESSAMINE

1/2" COATED
STEEL ROD

CONCRETE
DEADMEN
15' O.C.

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

8' -12'

WATERPROOF
LINER

TURBIDITY BARRIER

CMI SERIES 325
VINYL SHEET PILE

Digitally signed by Pavol Stankay
DN: c=US, o=IdenTrust ACES
Unaffiliated Individual, cn=Pavol
Stankay,
0.9.2342.19200300.100.1.1=A010
97C00000161F804505700000D8E
Date: 2019.03.10 16:14:21 -04'00'



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4' MIN IN
FIRM SOIL

DAWSON SEAWALL
CROSS SECTION
616 VISCAVA AVENUE
ORLANDO, FL 32839

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



Considerations

- **Project reviewed in accordance with Chapter 15, Article VI and the review criteria and conditions of issuance therein.**
- **Riprap and plantings will be installed waterward of the seawall.**
- **Notification of the public hearing was sent to property owners within 500 feet of the project site; no objections were received.**



Action Requested

- Approval of the Shoreline Alteration/Dredge and Fill permit application (SADF-19-03-003) for Donald & Marion Dawson, subject to the conditions listed in the staff report. District 3